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This document lists experimental references added to Nuclear Science References (NSR) during the period January 1, 2008 to December 31, 2008. The first section lists keynumbers and keywords sorted by mass and nuclide. The second section lists all references, ordered by keynumber.

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Contents

Keynumbers and Keywords

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^{1}n	2007FI16	NUCLEAR REACTIONS ^{1}H(polarized n, p), E=230-590 MeV; measured analyzing powers, polarization of recoil particles; deduced polarization and depolarization coefficients. Nucleon-nucleon scattering and data on spin observables. JOUR PPNLA 4 503
	2007MAZD	NUCLEAR REACTIONS ^{2}H(polarized p, 2p) E=250 MeV; measured Ep, Ip, p-p coin; deduced analysing power A_y. CONF Kyoto(Spin Physics) Proc.P781,Maeda
	2007SEZS	NUCLEAR REACTIONS ^{1}H(polarized d, 2p), E=135 MeV / nucleon; measured polarization transfer coefficients, analyzing powers. Compared with Faddeev calculations. CONF Kyoto(Spin Physics) Proc.P759,Sekiguchi
	2008BL15	NUCLEAR REACTIONS ^{1}H(e, e'π^+), E not given; measured σ. JOUR PRVCA 78 045202
	2008CH14	NUCLEAR REACTIONS ^{2}H(π^-, nγ)n, E=20 MeV; measured neutron time-of-flight spectra, Eγ, Iγ, nγ-coin, neutron-neutron scattering length. JOUR PRVCA 77 054002
	2008HA14	NUCLEAR REACTIONS ^{1}H, ^{12}C, ^{28}Si(e, e'K$^+$), E=1.8 GeV; measured hypernuclei missing mass spectra using the Tilt method. JOUR NUPAB 804 125
	2008JI05	NUCLEAR REACTIONS ^{1}H(π^-, π^0), E at 104-153 MeV / c; measured Eγ, Iγ, $\sigma(\theta)$. Compared results to available data and model calculations. JOUR PRLTA 101 102301
	2008LA06	NUCLEAR REACTIONS ^{2}H(^{18}O, α^{15}N)n, E=54 MeV; measured charged particle spectra, angular and momentum distributions, cross sections; ^{18}O(p, α)^{15}N, E(cm)=0-1.5 MeV; deduced S-factor, reaction rate. Trojan Horse Method. JOUR JPGPE 35 014014
	2008NA14	NUCLEAR REACTIONS ^{1}H(e, e'K$^+$), E<2.05 GeV; measured polarized structure function, reconstructed mass, missing mass, σ, asymmetries. JOUR PRVCA 77 065208
	2008NI10	NUCLEAR REACTIONS ^{1}H(γ, K$^+$)Λ / Σ, E=1.5-2.4 GeV; measured σ. JOUR PRVCA 78 035202
	2008SE08	RADIOACTIVITY ^{1}n(β^-); measured half-life using gravitationally trapped ultracold neutrons. JOUR PRVCA 78 035505
	2008SEZY	NUCLEAR REACTIONS ^{2}H(^{17}O, α^{14}N), E=41 MeV; measured cross section. ^{17}O(p, α); deduced cross section. Trojan Horse method. CONF Sapporo(OMEG07),P433,Sergi
	2008WA09	NUCLEAR REACTIONS ^{2}H(^{12}C, ^{13}N), E=72 MeV; measured excitation function. ^{1}H(^{13}N, ^{13}N), E=47.8 MeV; measured proton energy, $\sigma(\theta)$. ^{13}N, ^{14}O; deduced levels, J, π, resonance parameters. JOUR PRVCA 77 044304
	2008ZU02	NUCLEAR REACTIONS ^{2}H(n, np), E=20-140 MeV; measured Ep, Ip, neutron Time-of-Flight, angular distributions, correlated neutron pairs. JOUR BRSPE 72 782
^{1}H	2006TAZT	NUCLEAR REACTIONS ^{1}H(^{32}Mg, ^{32}Mg'), E=56 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin, particle angular distributions. ^{32}Mg(p, p'); inverse kinematics. CONF Tokyo (SENUF 06),P153,Takeuchi

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2007EL10 NUCLEAR REACTIONS ^{1}H(^{28}Ne, ^{28}Ne'), (^{28}Ne, ^{27}Ne), E=51.3 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{27,28}Ne; deduced level energies. JOUR ZSTNE 150 99

2007PEZV NUCLEAR REACTIONS ^{1}H(^{18}Ne, ^{18}Ne'), E(cm)=2.6-3.4 MeV; measured recoil Ep, Ip. ^{19}Ne; deduced levels. CONF Lisbon (PROCON 2007),Proc.P181,Pellegriti

2007SAZW NUCLEAR REACTIONS ^{1}H(^{6}He, ^{6}He) E=71 Mev / nucleon; measured ^{6}He(θ), p(θ), ^{6}He-p coin. Polarized target. Discussed analyzing power A_y. CONF Kyoto(Spin Physics) Proc.P833,Sakaguchi

2007ST29 NUCLEAR REACTIONS ^{1}H(polarized d, d), E=130 MeV; measured cross sections, angular distributions, vector and tensor analyzing powers. JOUR PRVCA 76 057001

2008AH01 NUCLEAR REACTIONS ^{2}H(polarized γ, n)p, E=2.44, 2.60, 2.72 MeV; measured analyzing power, σ, photon asymmetry, angular distributions, neutron spectra by time-of-flight; deduced Gerasimov-Drell-Hearn sum rule integrand and sum rule integrand for forward spin polarizability. Compared with theoretical predictions. JOUR PRVCA 77 044005

2008AL21 NUCLEAR REACTIONS ^{1}H(α, α')p$\pi\pi$, E=4.2 GeV;measured α-p, α-$\pi\alpha$-Π coincidences, σ, $\sigma(\theta)$; analyzed invariant mass distributions; SPES4-π facility. JOUR PANUE 71 1302

2008AO01 NUCLEAR REACTIONS ^{1}H(^{58}Ti, ^{58}Ti'), (^{60}Cr, ^{60}Cr'), (^{62}Cr, ^{62}Cr'), E$\approx$40 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{58}Ti, ^{60,62}Cr deduced levels, J, π, deformation lengths. Inverse kinematics. JOUR NUPAB 805 400c

2008BL14 NUCLEAR REACTIONS ^{2}H(polarized γ, n), E=14, 16 MeV; measured σ, $\sigma(\theta)$, linear analyzing power, phase shifts. JOUR PRVCA 78 034003

2008BR01 NUCLEAR REACTIONS ^{1}H(polarized n, n), E=12 MeV; measured analyzing power Ay(θ) and compared with various model predictions. JOUR PYLBB 660 161

2008DA16 NUCLEAR REACTIONS ^{1}H(γ, $\gamma\pi^{0}$), E=0.70-0.86 GeV; measured meson mass distributions. JOUR PRVCA 78 045210

2008GE02 NUCLEAR REACTIONS ^{2}H(polarized e, e'n), E=850 MeV; measured electron energies, neutron-electron-coin. n; deduced charge form factor. JOUR PRLTA 101 042501

2008HAZX NUCLEAR REACTIONS ^{2}H(^{8}Li, ^{7}Li), (^{8}Li, ^{9}Li), E(cm)=0.3-1.2 MeV; measured excitation functions. CONF Sapporo(OMEG07),P313,Hashimoto

2008HE04 NUCLEAR REACTIONS ^{1}H(^{21}Na, ^{21}Na), E=4 MeV / nucleon; measured σ(E). ^{22}Mg deduced levels, J, π. JOUR ZAANE 36 1

2008HU08 NUCLEAR REACTIONS ^{2}H(p, d), E<50 keV; measured screening energies, enhancement factors of host metals Li, Al, Zr, Pd, Ta. Comparison with theory and existing data. JOUR PRVCA 78 015803

2008JA07 NUCLEAR REACTIONS ^{2}H(polarized d, p), E=200, 270 MeV; ^{2}H(polarized d, n), E=270 MeV; ^{2}H(polarized d, pX), E=140, 200, 270 MeV; ^{12}C(polarized d, p), E=140, 200, 270 MeV; ^{1}H(polarized d, d), E=880 MeV; measured Analyzing powers. Compared results to model calculations. JOUR PANUE 71 1495

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	2008JA10	NUCLEAR REACTIONS ^{1}H(polarized e, e'γ), E=854.6 MeV; measured electron, proton and missing mass spectra; deduced unpolarized σ, structure functions. JOUR ZAANE 37 1
	2008KO18	NUCLEAR REACTIONS ^{1}H(p, p), E=0.353, 0.500, 0.550 GeV; measured Ep, Ip, $\sigma(\theta)$. JOUR PRLTA 101 102501
	2008KU14	NUCLEAR REACTIONS ^{1}H(d, d), E=880 MeV; measured vector and tensor analyzing powers. Compared results to model calculations. JOUR ZSTNE 162 137
	2008LA01	NUCLEAR REACTIONS ^{1}H, ^{12}C(^{10}Be, ^{10}Be), E=39.1 MeV / nucleon; ^{1}H, ^{12}C(^{11}Be, ^{11}Be), E=38.4 MeV / nucleon; measured $\sigma(\theta)$. Comparison with optical models including a virtual coupling potential. JOUR PYLBB 658 198
	2008PE02	NUCLEAR REACTIONS ^{1}H(^{18}Ne, ^{18}Ne), (^{18}Ne, ^{18}Ne'), E=66 MeV; measured $\sigma(\theta)$, proton spectra. ^{19}Na deduced levels, J, π. Microscopic cluster model and R-matrix analysis. JOUR PYLBB 659 864
	2008RA17	NUCLEAR REACTIONS ^{2}H(polarized p, d), E=135 MeV; ^{1}H(polarized d, d), E=65 MeV / nucleon; measured s(θ), vector and scalar analyzing powers, scattering angle. Comparison with existing data. JOUR PRVCA 78 014006
	2008SE08	RADIOACTIVITY ^{1}n(β^-); measured half-life using gravitationally trapped ultracold neutrons. JOUR PRVCA 78 035505
	2008SK06	NUCLEAR REACTIONS ^{1}H, C(^{11}B, ^{11}B), (^{12}B, ^{12}B), E=44.6 MeV; measured $\sigma(\theta)$. ^{13}C; deduced levels, J, π, resonance widths. Comparisons with ^{13}B, ^{13}N, ^{13}O, shell model calculations. JOUR PRVCA 78 044603
	2008TA15	NUCLEAR REACTIONS ^{1}H, ^{16}O, ^{23}Na, ^{27}Al, ^{28}Si(n, n'), (n, γ), E=14 MeV; measured Eγ, Iγ using a NaI(Tl) detector with multiple time-gated system for use with complex samples. JOUR JRNCD 276 639
	2008WA09	NUCLEAR REACTIONS ^{2}H(^{12}C, ^{13}N), E=72 MeV; measured excitation function. ^{1}H(^{13}N, ^{13}N), E=47.8 MeV; measured proton energy, $\sigma(\theta)$. ^{13}N, ^{14}O; deduced levels, J, π, resonance parameters. JOUR PRVCA 77 044304
	2008YAZX	NUCLEAR REACTIONS ^{1}H(^{7}Be, ^{7}Be), E(cm)=6.7 MeV; measured Ep, Ip, excitation function. CONF Sapporo(OMEG07),P307,Yamaguchi

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^{2}n	2007CL04	NUCLEAR REACTIONS ^{2}H, ^{12}C, ^{27}Al, ^{63}Cu, ^{197}Au(e, e'π^+), E=4.021-5.767 GeV; measured electron and pion energies. Deduced nuclear transparency. JOUR PRLTA 99 242502
	2007SU25	NUCLEAR REACTIONS ^{4}He(K$^-$, d), E at rest; measured particle spectra, particle-particle coincidences, Λd correlation analysis. JOUR PRVCA 76 068202

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	2007TE12	NUCLEAR REACTIONS ^{2}H(^{8}He, ^{3}He), E≈ 25 MeV / nucleon; measured ^{3}He, ^{3}H energies, yields and coincidences. Deduced ^{7}H missing mass spectrum, limit for the reaction exit channel populating a resonance lying 0-3 MeV above decay threshold. ^{4}He(^{6}He, 2α), E=25 MeV / nucleon; measured Eα, Iα, $\alpha\alpha$-coin, angular and momentum distributions. Deduced cross section. JOUR ZSTNE 150 61
^{2}H	2007AT06	NUCLEAR REACTIONS ^{2}H(n, n), E=low; measured ultra cold neutron production cross sections. JOUR PRLTA 99 262502
	2007AZZZ	NUCLEAR REACTIONS ^{1}H, ^{12}C(d, p), E at 9.0 GeV / c; measured analyzing powers. REPT JINR-P1-2007-46,Azhgirey
	2007EL10	NUCLEAR REACTIONS ^{1}H(^{28}Ne, ^{28}Ne'), (^{28}Ne, ^{27}Ne), E=51.3 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{27,28}Ne; deduced level energies. JOUR ZSTNE 150 99
	2007FR24	NUCLEAR REACTIONS ^{2}H(n, n'), E=thermal; measured ultracold neutron yield. JOUR ZAANE 34 119
	2007SEZS	NUCLEAR REACTIONS ^{1}H(polarized d, p), E=135 MeV / nucleon; measured $\sigma(\theta)$, polarization transfer coefficients, analyzing powers. Compared with Faddeev calculations. CONF Kyoto(Spin Physics) Proc.P759,Sekiguchi
	2007TAZO	NUCLEAR REACTIONS ^{2}H(polarized p, p), E=392 MeV; measured Ep, Ip, Ed, Id. deduced $\sigma(\theta)$, analyzing power. Compared with Faddeev calculations. CONF Kyoto(Spin Physics) Proc.P765,Tamii
	2008AL31	NUCLEAR REACTIONS ^{2}H(n, n'), E=thermal; measured ultracold neutron velocity distribution. JOUR ZAANE 37 9
	2008EL02	NUCLEAR REACTIONS ^{1}H(^{28}Ne, ^{27}Ne), E≈51.3 MeV / nucleon; ^{22}O(d, p)^{23}O, E=34 MeV / nucleon; measured Eγ, Iγ, cross sections. ^{27}Ne, ^{23}O; deduced levels, J, π, Spectroscopic factors. Compared results to model calculations. JOUR JPGPE 35 014038
	2008FIZZ	NUCLEAR REACTIONS ^{1,2}H, ^{6,7}Li, ^{9}Be, ^{10,11}B, ^{12,13}C, ^{14,15}N, ^{16}O, ^{19}F, ^{23,23m}Na, ^{24,25,26}Mg, ^{27}Al, ^{28,29,30}Si, ^{31}P, ^{32,33,34}S, ^{35,37}Cl, ^{39,40,41}K, ^{102,104,105,106,108,110}Pd(n, γ), E=thermal; measured cross sections; ^{10}B(n, α), E=thermal; measured cross sections; ^{25}Mg(n, γ), E=thermal;^{13}C(n, γ), E=thermal;^{105}Pd(n, γ), E=thermal; measured Eγ, Iγ; deduced cross section balance. compared experimental and calculated depopulation. CONF Yosemit(CNR 2007) Proc.P26,Firestone
	2008GA07	NUCLEAR REACTIONS ^{1}H(^{31}S, ^{30}S), E=71 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin. ^{30}S; deduced level energies, J, π. JOUR JPGPE 35 014030
	2008HA27	NUCLEAR REACTIONS ^{12}C(^{16}O, ^{14}O), E=234 MeV; measured charged particle spectra. ^{14}C; deduced levels, J, π, configurations, widths of excited states. ^{7}Li(^{9}Be, ^{14}C);^{14}C(^{13}C, ^{14}C), (^{14}C, ^{14}C); ^{9}Be(^{7}Li, d); ^{13}C(polarized p, π^{+}), (n, n); comparison of levels. JOUR PRVCA 78 014319
	2008LI03	NUCLEAR REACTIONS ^{1}H(^{8}Li, ^{7}Li), E=39.8 MeV; measured particle energies and yields. ^{8}Li(p, d), E(cm)=4.0 MeV; deduced cross sections and backward anglular distributions. JOUR CPLEE 25 455

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	2008MO02	NUCLEAR REACTIONS ^{2}H(^{56}Ni, ^{56}Ni), E=50 MeV / nucleon; measured deuteron recoil energies and yields. ^{56}Ni; deduced isoscaler giant monopole and giant quadrupole resonance centroids and angular distributions. JOUR PRLTA 100 042501
	2008RY01	NUCLEAR REACTIONS ^{2}H(e, e'), E=27.8, 74.0 MeV; measured inclusive elastic cross sections; deduced deuteron breakup cross sections. JOUR PRLTA 100 172501
	2008SA03	NUCLEAR REACTIONS ^{1}H(^{19}C, ^{18}C), (^{19}C, ^{16}C), (^{17}C, ^{16}C), E=70 MeV / nucleon; measured σ, $\sigma(\theta)$, relative energy spectra. ^{17,19}C deduced level energies, J, π using DWBA analysis. JOUR PYLBB 660 320
	2008TA15	NUCLEAR REACTIONS ^{1}H, ^{16}O, ^{23}Na, ^{27}Al, ^{28}Si(n, n'), (n, γ), E=14 MeV; measured Eγ, Iγ using a NaI(Tl) detector with multiple time-gated system for use with complex samples. JOUR JRNCD 276 639
	2008TS04	NUCLEAR REACTIONS ^{2}H(γ, K^{0}), E=0.8-1.1 GeV; measured mass spectra, momentum distributions, σ. JOUR PRVCA 78 014001
	2008WO04	NUCLEAR REACTIONS ^{2}H, C, Ti, Fe(γ, K$^{+}\pi^{-}$), E=0.61-0.382 GeV; measured invariant mass spectra; deduced mass, width of ρ meson. JOUR PRVCA 78 015201

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^{3}n	2008IW02	NUCLEAR REACTIONS ^{4}He(K^{-}, p), E at rest; measured charged-particle and proton momenta spectra and missing mass spectrum; deduced upper limit for a strange tribaryon state. JOUR NUPAB 804 186
	2008SA01	NUCLEAR REACTIONS ^{4}He(K^{-}, p), E at rest; measured charged-particle and proton momenta spectra and missing mass spectrum; deduced upper limit for a strange tribaryon state. JOUR PYLBB 659 107
^{3}H	2007IMZY	NUCLEAR REACTIONS ^{2}H(d, p)^{3}H E=58 keV; measured Ed, Id, Ep, Ip, polarizations, analyzing power; deduced polarization-transfer coefficient. Polarized d and p, Faddeev-Yakubovsky and T-matrix parametrization calculations. CONF Kyoto(Spin Physics) Proc.P795,Imig
	2008CZ01	NUCLEAR REACTIONS ^{2}H(d, p), (d, n), E=8-30 keV; measured charged particle spectra, cross sections, angular distributions, and thick target yield for screened target. JOUR JPGPE 35 014012
	2008FIZZ	NUCLEAR REACTIONS ^{1,2}H, ^{6,7}Li, ^{9}Be, ^{10,11}B, ^{12,13}C, ^{14,15}N, ^{16}O, ^{19}F, ^{23,23m}Na, ^{24,25,26}Mg, ^{27}Al, ^{28,29,30}Si, ^{31}P, ^{32,33,34}S, ^{35,37}Cl, ^{39,40,41}K, ^{102,104,105,106,108,110}Pd(n, γ), E=thermal; measured cross sections; ^{10}B(n, α), E=thermal; measured cross sections; ^{25}Mg(n, γ), E=thermal;^{13}C(n, γ), E=thermal;^{105}Pd(n, γ), E=thermal; measured Eγ, Iγ; deduced cross section balance. compared experimental and calculated depopulation. CONF Yosemit(CNR 2007) Proc.P26,Firestone

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	2008HAZX	NUCLEAR REACTIONS ^{2}H(^{8}Li, ^{7}Li), (^{8}Li, ^{9}Li), E(cm)=0.3-1.2 MeV; measured excitation functions. CONF Sapporo(OMEG07),P313,Hashimoto
	2008JA07	NUCLEAR REACTIONS ^{2}H(polarized d, p), E=200, 270 MeV; ^{2}H(polarized d, n), E=270 MeV; ^{2}H(polarized d, pX), E=140, 200, 270 MeV; ^{12}C(polarized d, p), E=140, 200, 270 MeV; ^{1}H(polarized d, d), E=880 MeV; measured Analyzing powers. Compared results to model calculations. JOUR PANUE 71 1495
	2008KU13	NUCLEAR REACTIONS ^{2}H(d, p), E=200 MeV; measured vector and tensor analyzing powers. Compared results to model calculations. JOUR ZSTNE 162 133
	2008OT05	NUCLEAR REACTIONS ^{4}He(^{12}Be, ^{13}B), E=50 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin, $\sigma(\theta)$. ^{13}B; deduced levels, J, π. JOUR PYLBB 666 311
	2008OTZZ	NUCLEAR REACTIONS ^{4}He(^{12}Be, ^{13}B), E=50 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$, (particle)γ-coin, $\sigma(\theta)$. ^{13}B; deduced levels, J, π. REPT RIKEN-NC-NP-24,Ota
	2008TA13	NUCLEAR REACTIONS ^{1}H(^{11}Li, ^{9}Li)^{3}H, E=3 MeV / nucleon; measured $\sigma(\theta)$, proton-Li-coin using gas-Si-CsI target-detection system (MAYA active target); deduced spectroscopic factors. Comparison with Optical Model calculations. JOUR PRLTA 100 192502
	2008VE02	NUCLEAR REACTIONS ^{6}Li(polarized n, α)^{3}H, E not given; measured parity-violating triton emission asymmetry coefficient. Used ultracold polarized neutrons. JOUR PRVCA 77 035501
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	2008CR02	NUCLEAR REACTIONS ^{6}Li(p, α), E=90-580 keV; ^{7}Li(p, α), E=90-1740 keV; measured cross sections and angular distributions; deduced S-factor. comparison with previous experimental data. JOUR JPGPE 35 014004
	2008CZ01	NUCLEAR REACTIONS ^{2}H(d, p), (d, n), E=8-30 keV; measured charged particle spectra, cross sections, angular distributions, and thick target yield for screened target. JOUR JPGPE 35 014012

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	2008IM01	NUCLEAR REACTIONS ^{2}H(d, n), E not given; measured muon-catalyzed fusion neutron emission time spectra. JOUR PYLBB 658 120
	2008JA07	NUCLEAR REACTIONS ^{2}H(polarized d, p), E=200, 270 MeV; ^{2}H(polarized d, n), E=270 MeV; ^{2}H(polarized d, pX), E=140, 200, 270 MeV; ^{12}C(polarized d, p), E=140, 200, 270 MeV; ^{1}H(polarized d, d), E=880 MeV; measured Analyzing powers. Compared results to model calculations. JOUR PANUE 71 1495

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^{4}H	2008NA19	NUCLEAR REACTIONS ^{4}He, ^{6,7}Li(^{7}Li, ^{7}Be), E=455 MeV; measured charged-particle spectra, E, Iγ, (particle)γ-coin, $\sigma(\theta)$ for giant dipole and spin-dipole resonances. Cluster excitations. JOUR PRVCA 78 014303
	2008SA03	NUCLEAR REACTIONS ^{1}H(^{19}C, ^{18}C), (^{19}C, ^{16}C), (^{17}C, ^{16}C), E=70 MeV / nucleon; measured σ, $\sigma(\theta)$, relative energy spectra. ^{17,19}C deduced level energies, J, π using DWBA analysis. JOUR PYLBB 660 320
^{4}He	2007AN34	NUCLEAR REACTIONS ^{4}He(π^-, π^-), (π^-, $\pi^-\gamma$), (π^-, π^-n), E=106 MeV; measured Eγ, Iγ, $\sigma(\theta)$, branching ratios using a streamer chamber. JOUR ZAANE 34 255
	2007SC46	NUCLEAR REACTIONS ^{4}He(^{9}Be, ^{9}Be), E=30 MeV; ^{4}He(^{18}O, ^{18}O), E=56 MeV; measured elastic scattering excitation functions. JOUR ZSTNE 150 53
	2007YAZR	NUCLEAR REACTIONS ^{6}Li(d, α)^{4}He E=90 keV; measured analyzing power; ^{8}Be; deduced contribution of the 2^+ resonance level on cross section. CONF Kyoto(Spin Physics) Proc.P799,Yamaguchi
	2008AM01	NUCLEAR REACTIONS Fe, Ni(p, X)^{3}He / ^{4}He / ^{21}Ne / ^{22}Ne / ^{36}Ar / ^{38}Ar, E < 1.6 GeV; measured cross sections and excitation functions. JOUR NIMBE 266 2
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	2008FR09	NUCLEAR REACTIONS ^{1}H(^{7}Li, α), E=25.8, 58.0 MeV; measured Eα, Iα. ^{8}Be; deduced resonance parameters. JOUR JPGPE 35 125108
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^{5}H	2008CA22	NUCLEAR REACTIONS ^{12}C(^{8}He, ^{6}H), (^{8}He, ^{7}H), E=15.4 MeV / nucleon; measured particle spectra. ^{5,6,7}H; deduced excitation energies, resonances, widths. Comparison with phase space calculations. JOUR PRVCA 78 044001
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^{6}H	2008CA22	NUCLEAR REACTIONS ^{12}C(^{8}He, ^{6}H), (^{8}He, ^{7}H), E=15.4 MeV / nucleon; measured particle spectra. ^{5,6,7}H; deduced excitation energies, resonances, widths. Comparison with phase space calculations. JOUR PRVCA 78 044001
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	2008NA19	NUCLEAR REACTIONS ^{4}He, ^{6,7}Li(^{7}Li, ^{7}Be), E=455 MeV; measured charged-particle spectra, E, Iγ, (particle)γ-coin, $\sigma(\theta)$ for giant dipole and spin-dipole resonances. Cluster excitations. JOUR PRVCA 78 014303
	2008WU05	NUCLEAR REACTIONS ^{2}H(^{8}Li, ^{3}He), E=76 MeV; ^{2}H(^{7}Li, t), (^{7}Li, ^{3}He), E=81 MeV; measured charged particle spectra, (particle)(particle)-coin, angular distributions, σ, $\sigma(\theta)$, spectroscopic factors. ^{7}He; deduced levels, J, π. Comparisons with data from ^{2}H(^{6}He, p) experiment. Comparisons with nuclear structure models and variational quantum Monte Carlo calculations. JOUR PRVCA 78 041302
	2008YA05	NUCLEAR REACTIONS ^{6,7}Li(^{7}Li, ^{7}Be), E=455 MeV; measured charged particle spectra, (particle)(particle)-coin, branching ratios. ^{6,7}He; measured decay channels, dipole resonances for charged particle decay. JOUR PRVCA 77 021303
	2009CU01	RADIOACTIVITY ^{10}Be, ^{19}F(α); measured α-decay from excited states. JOUR JPGPE 36 015108
^{6}Li	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609

A=6 *(continued)*

	2008AG07	NUCLEAR REACTIONS ^{6,7}Li, ^{12}C(K$^-$, π^-), E at rest; measured negative pion momentum spectrum, (proton)(pion)-coin and Ep, Ip from decaying hypernucleus. Comparison with other data. JOUR NUPAB 804 151
	2008HA19	NUCLEAR REACTIONS C(p, X)^{6}Li / ^{7}Li / ^{7}Be, E=70 MeV; measured E, double differential σ; Bragg curve counter; Energy loss. JOUR NIMAE 592 73
	2008WE08	NUCLEAR REACTIONS ^{2}H(^{9}Be, nα), E=22.35 MeV; measured Q_p value, angular distributions, momentum distributions. ^{9}Be(p, α); deduced astrophysical S-factor, σ, electron screening potential energy. Trojan Horse method. JOUR PRVCA 78 035805
	2008WU05	NUCLEAR REACTIONS ^{2}H(^{8}Li, ^{3}He), E=76 MeV; ^{2}H(^{7}Li, t), (^{7}Li, ^{3}He), E=81 MeV; measured charged particle spectra, (particle)(particle)-coin, angular distributions, σ, $\sigma(\theta)$, spectroscopic factors. ^{7}He; deduced levels, J, π. Comparisons with data from ^{2}H(^{6}He, p) experiment. Comparisons with nuclear structure models and variational quantum Monte Carlo calculations. JOUR PRVCA 78 041302
^{6}Be	2008CU01	RADIOACTIVITY ^{10}C(p);^{10}C(α); measured charged particle spectra, decay channel cross sections, decay product angular distributions. ^{10}C; deduced excitation energies. JOUR PRVCA 77 021301

A=7

^{7}H	2007CA47	NUCLEAR REACTIONS ^{12}C(^{8}He, ^{7}H), E=15.4 MeV / nucleon; measured production $\sigma(\theta)$. ^{7}H; deduced resonance parameters. JOUR ZSTNE 150 9
	2007TE12	NUCLEAR REACTIONS ^{2}H(^{8}He, ^{3}He), E$\approx$ 25 MeV / nucleon; measured ^{3}He, ^{3}H energies, yields and coincidences. Deduced ^{7}H missing mass spectrum, limit for the reaction exit channel populating a resonance lying 0-3 MeV above decay threshold. ^{4}He(^{6}He, 2α), E=25 MeV / nucleon; measured Eα, Iα, $\alpha\alpha$-coin, angular and momentum distributions. Deduced cross section. JOUR ZSTNE 150 61
	2008CA22	NUCLEAR REACTIONS ^{12}C(^{8}He, ^{6}H), (^{8}He, ^{7}H), E=15.4 MeV / nucleon; measured particle spectra. ^{5,6,7}H; deduced excitation energies, resonances, widths. Comparison with phase space calculations. JOUR PRVCA 78 044001
^{7}He	2008DE29	NUCLEAR REACTIONS Be(^{8}Li, X), E=41 MeV / nucleon; measured particle spectra, angular distributions. Deduced energy of ground-state resonances. ^{7}He; deduced ground-state energies and widths. JOUR PRVCA 78 044303
	2008NA19	NUCLEAR REACTIONS ^{4}He, ^{6,7}Li(^{7}Li, ^{7}Be), E=455 MeV; measured charged-particle spectra, E, Iγ, (particle)γ-coin, $\sigma(\theta)$ for giant dipole and spin-dipole resonances. Cluster excitations. JOUR PRVCA 78 014303

A=7 *(continued)*

	2008WU05	NUCLEAR REACTIONS ^{2}H(^{8}Li, ^{3}He), E=76 MeV; ^{2}H(^{7}Li, t), (^{7}Li, ^{3}He), E=81 MeV; measured charged particle spectra, (particle)(particle)-coin, angular distributions, σ, $\sigma(\theta)$, spectroscopic factors. ^{7}He; deduced levels, J, π. Comparisons with data from ^{2}H(^{6}He, p) experiment. Comparisons with nuclear structure models and variational quantum Monte Carlo calculations. JOUR PRVCA 78 041302
	2008WUZZ	NUCLEAR REACTIONS ^{2}H(^{8}Li, ^{3}He), E=76 MeV; measured particle spectra, $\sigma(\theta)$, Q-value spectra; ^{7}He; deduced levels. CONF Crete(FINUSTAR 2),Proc.P225,Wuosmaa
	2008YA05	NUCLEAR REACTIONS ^{6,7}Li(^{7}Li, ^{7}Be), E=455 MeV; measured charged particle spectra, (particle)(particle)-coin, branching ratios. ^{6,7}He; measured decay channels, dipole resonances for charged particle decay. JOUR PRVCA 77 021303
^{7}Li	2007BR30	NUCLEAR REACTIONS ^{9}Be(^{6}Li, ^{6}Li), E=60 MeV; measured charged particle spectra, branching ratios, $\alpha\alpha$-correlations. ^{7}Li, ^{9}Be; deduced excitation energies. JOUR PRVCA 76 054605
	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008AG07	NUCLEAR REACTIONS ^{6,7}Li, ^{12}C(K^-, π^-), E at rest; measured negative pion momentum spectrum, (proton)(pion)-coin and Ep, Ip from decaying hypernucleus. Comparison with other data. JOUR NUPAB 804 151
	2008AR01	RADIOACTIVITY ^{7}Be(EC); measured solar neutrino spectrum with the Borexino detector and compared to solar models. JOUR PYLBB 658 101
	2008FIZZ	NUCLEAR REACTIONS ^{1,2}H, ^{6,7}Li, ^{9}Be, ^{10,11}B, ^{12,13}C, ^{14,15}N, ^{16}O, ^{19}F, ^{23,23m}Na, ^{24,25,26}Mg, ^{27}Al, ^{28,29,30}Si, ^{31}P, ^{32,33,34}S, ^{35,37}Cl, ^{39,40,41}K, ^{102,104,105,106,108,110}Pd(n, γ), E=thermal; measured cross sections; ^{10}B(n, α), E=thermal; measured cross sections; ^{25}Mg(n, γ), E=thermal;^{13}C(n, γ), E=thermal;^{105}Pd(n, γ), E=thermal; measured Eγ, Iγ; deduced cross section balance. compared experimental and calculated depopulation. CONF Yosemit(CNR 2007) Proc.P26,Firestone

A=7 *(continued)*

	2008GA10	NUCLEAR REACTIONS ^{9}Be(^{36}Ar, X)^{19}F / ^{20}Ne / ^{21}Na / ^{22}Mg / ^{23}Al, E=130 MeV / nucleon; measured energy loss, intensities for reaction products. ^{9}Be(^{24}Si, X)^{23}Al / ^{23}Si, E=85.3 MeV / nucleon; measured single-particle cross sections, momentum distributions, spectroscopic factors. ^{9}Be(^{28}S, X)^{27}P, E=80.7 MeV / nucleon; measured Eγ, Iγ.^{9}Be(^{28}S, X)^{27}P / ^{27}S, E=80.7 MeV / nucleon; measured single particle cross sections, spectroscopic factors, momentum distributions. ^{7}Li, ^{8}B, ^{9,12,15}C, ^{16}O, ^{32,34,36}Ar, ^{24,30}Si, ^{26,28}S, ^{31}P, ^{40,48}Ca, ^{51}V, ^{90}Zr, ^{208}Pb; systematics of cross sections. JOUR PRVCA 77 044306
	2008HA19	NUCLEAR REACTIONS C(p, X)^{6}Li / ^{7}Li / ^{7}Be, E=70 MeV; measured E, double differential σ; Bragg curve counter; Energy loss. JOUR NIMAE 592 73
	2008KU09	RADIOACTIVITY ^{7}Be(EC); ^{198}Au(β^-); measured dependence of decay rate on temperature. Be in Cu host, Au in Al-Au alloy. No evidence found for temperature dependence on half-life. JOUR PRVCA 77 051304
	2008LI03	NUCLEAR REACTIONS ^{1}H(^{8}Li, ^{7}Li), E=39.8 MeV; measured particle energies and yields. ^{8}Li(p, d), E(cm)=4.0 MeV; deduced cross sections and backward anglular distributions. JOUR CPLEE 25 455
	2008LI20	RADIOACTIVITY ^{7}Be(EC) [from ^{7}Li(p, n), E=11.4 MeV]; measured $T_{1/2}$ in different metallic environments. JOUR NIMBE 266 2117
	2008PA26	NUCLEAR REACTIONS ^{208}Pb(^{7}Li, ^{7}Li), E=18-28 MeV; measured reaction product spectra, scattering σ; ^{7}Li; deduced dipole polarizability. Comparison with continuum discretized coupled channel calculations. JOUR PRVCA 78 021601
	2008TA06	NUCLEAR REACTIONS ^{7}Li, ^{12}C(π^+, K$^+$), E not given; measured Eγ, Iγ. ^{9}Be, ^{10}B, ^{13}C, ^{16}O(K$^-$, π^-), E not given; analyzed Eγ, Iγ. ^{7}Li, ^{9}Be, ^{10,11}B, ^{12,13}C, ^{15}N, ^{16}O deduced hypernuclei levels, J, π. Hyperball and Hyperball2 arrays. JOUR NUPAB 804 73
	2008ZH20	NUCLEAR REACTIONS ^{10}B(n, α), E=4.0, 5.0; ^{238}U(n, F), E=4.0 MeV; measured σ; gridded ionization chamber; comparison with previous results and JENDL-3.3, ENDF / B-VII evaluations. JOUR ARISE 66 1427
^{7}Be	2007BR32	NUCLEAR REACTIONS ^{3}He(α, γ)^{7}Be, E(cm)=0.33-1.23 MeV; measured Eγ, Iγ, cross sections; deduced astrophysical S-factors. JOUR PRVCA 76 055801
	2008AR01	RADIOACTIVITY ^{7}Be(EC); measured solar neutrino spectrum with the Borexino detector and compared to solar models. JOUR PYLBB 658 101
	2008CA17	NUCLEAR REACTIONS ^{9}Be(^{8}Li, ^{9}Be), E=27 MeV; measured angular distributions, $\sigma(\theta)$; deduced spectroscopic factors. ^{6,8}Li(p, γ); deduced σ, reaction rates. Comparisons with DWBA and shell model calculations. JOUR PRVCA 78 034605
	2008DI03	NUCLEAR REACTIONS ^{3}He(α, γ), E(cm)=0.7-3.2 MeV; measured Eγ, Iγ, γ-recoil coin, cross section. JOUR JPGPE 35 014021
	2008DI14	NUCLEAR REACTIONS ^{3}He(α, γ), E(cm)=0.7-3.3 MeV; measured yields. JOUR NIMAE 595 381

A=7 *(continued)*

2008GI06 NUCLEAR REACTIONS ^{12}C(n, X)^{7}Be, E=63 MeV; measured Eγ, Iγ, cross section. JOUR RMEAE 43 1390

2008HA19 NUCLEAR REACTIONS C(p, X)^{6}Li / ^{7}Li / ^{7}Be, E=70 MeV; measured E, double differential σ; Bragg curve counter; Energy loss. JOUR NIMAE 592 73

2008KU09 RADIOACTIVITY ^{7}Be(EC); ^{198}Au(β^-); measured dependence of decay rate on temperature. Be in Cu host, Au in Al-Au alloy. No evidence found for temperature dependence on half-life. JOUR PRVCA 77 051304

2008LI20 RADIOACTIVITY ^{7}Be(EC) [from ^{7}Li(p, n), E=11.4 MeV]; measured $T_{1/2}$ in different metallic environments. JOUR NIMBE 266 2117

2008MU09 NUCLEAR REACTIONS Li, B(p, X), (d, X)^{7}Be, E not given; measured Eγ, Iγ, yields. JOUR AENGA 104 82

2008OK01 NUCLEAR MOMENTS ^{7}Be; measured hyperfine splitting using laser-microwave double-resonance spectroscopy. Deduced nuclear magnetic moment. JOUR PRLTA 101 212502

2008TI05 NUCLEAR REACTIONS ^{56}Fe(p, X)^{7}Be / ^{22}Na / ^{24}Na / ^{27}Mg / ^{28}Mg / ^{29}Al / ^{38}S / ^{34m}Cl / ^{38}Cl / ^{39}Cl / ^{41}Ar / ^{42}K / ^{43}K / ^{44}K / ^{47}Ca / ^{43}Sc / ^{44}Sc / ^{44m}Sc / ^{46}Sc / ^{47}Sc / ^{48}Sc / ^{48}V / ^{48}Cr / ^{49}Cr / ^{51}Cr / ^{52}Mn / ^{52m}Mn / ^{54}Mn / ^{56}Mn / ^{52}Fe / ^{53}Fe / ^{55}Co / ^{56}Co / ^{57}Co, E=300, 500, 750, 1000, 1500, 2600 MeV; measured Eγ, Iγ, σ, mass distributions. ^{1}H(^{56}Fe, X)E=300, 500, 750, 100, 1500 MeV / nucleon; systematics of σ. ^{27}Al(p, x)^{22}Na; analyzed excitation function. JOUR PRVCA 78 034615

A=8

^{8}He

2007MU17 NUCLEAR MOMENTS ^{6,8}He; measured isotope shifts. ^{6,8}He; Deduced nuclear charge radii. JOUR PRLTA 99 252501

2008RY03 ATOMIC MASSES ^{8}He; measured mass using a penning trap. JOUR PRLTA 101 012501

^{8}Li

2007GA58 NUCLEAR REACTIONS ^{9}Be(^{20}Ne, ^{21}Na), E=63 MeV / nucleon; measured cross sections, Eγ, Iγ, $\gamma\gamma$-, (^{21}Na)γ-coin, momentum distributions. ^{21}Na; deduced levels, J, π. JOUR PRVCA 76 061302

2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609

A=8 *(continued)*

	2007SUZX	RADIOACTIVITY ^{8}Li, ^{8}B($\beta\alpha$) [from ^{7}Li(d, p) and ^{6}Li(^{3}He, n)]; measured $\beta(\theta$, H, t) from polarized sources; deduced alignment terms. CONF Kyoto(Spin Physics) Proc.P230,Sumikama
	2008CA17	NUCLEAR REACTIONS ^{9}Be(^{8}Li, ^{9}Be), E=27 MeV; measured angular distributions, $\sigma(\theta)$; deduced spectroscopic factors. ^{6,8}Li(p, γ); deduced σ, reaction rates. Comparisons with DWBA and shell model calculations. JOUR PRVCA 78 034605
	2008FIZZ	NUCLEAR REACTIONS ^{1,2}H, ^{6,7}Li, ^{9}Be, ^{10,11}B, ^{12,13}C, ^{14,15}N, ^{16}O, ^{19}F, ^{23,23m}Na, ^{24,25,26}Mg, ^{27}Al, ^{28,29,30}Si, ^{31}P, ^{32,33,34}S, ^{35,37}Cl, ^{39,40,41}K, ^{102,104,105,106,108,110}Pd(n, γ), E=thermal; measured cross sections; ^{10}B(n, α), E=thermal; measured cross sections; ^{25}Mg(n, γ), E=thermal;^{13}C(n, γ), E=thermal;^{105}Pd(n, γ), E=thermal; measured Eγ, Iγ; deduced cross section balance. compared experimental and calculated depopulation. CONF Yosemit(CNR 2007) Proc.P26,Firestone
	2008GA17	NUCLEAR REACTIONS ^{9}Be(^{22}Mg, ^{23}Al), (^{23}Al, ^{23}Al'), E=150 MeV / nucleon; measured fragment spectra, Eγ, Iγ, (fragment)γ-coin. ^{23}Al; deduced levels, spectroscopic factors. JOUR PYLBB 666 218
	2008KA04	NUCLEAR REACTIONS ^{2}H(^{9}Li, t), (^{9}Li, d), E=1.68 MeV / nucleon; measured $\sigma(\theta)$; deduced spectroscopic factors. JOUR PYLBB 660 26
^{8}Be	2007BA75	RADIOACTIVITY ^{8}B(β^{+}) [from ^{3}He(^{6}Li, n), E=15.5 MeV]; measured delayed α particles, branching ratio to the ground state of ^{8}Be. JOUR PRVCA 76 055806
	2007YAZR	NUCLEAR REACTIONS ^{6}Li(d, α)^{4}He E=90 keV; measured analyzing power; ^{8}Be; deduced contribution of the 2^{+} resonance level on cross section. CONF Kyoto(Spin Physics) Proc.P799,Yamaguchi
	2008AF04	NUCLEAR REACTIONS ^{12}C(γ, α), E < 40 MeV; measured cross sections. ^{8}Be; deduced level energies, α widths. JOUR PANUE 71 1827
	2008FR09	NUCLEAR REACTIONS ^{1}H(^{7}Li, α), E=25.8, 58.0 MeV; measured Eα, Iα. ^{8}Be; deduced resonance parameters. JOUR JPGPE 35 125108
	2008SP01	NUCLEAR REACTIONS ^{12}C(^{36}S, ^{36}S'), (^{36}S, ^{40}Ar), E=70 MeV; measured Eγ, Iγ, $T_{1/2}$ using transient field technique and DSA; ^{36}S, ^{40}Ar; deduced B(E2), g-factor. Comparison with shell model and previous results. JOUR PYLBB 659 101
	2008SP04	NUCLEAR REACTIONS ^{12}C(^{36}S, ^{40}Ar), E=70 MeV; measured Eγ, Iγ, particle spectra, $\gamma\gamma$-coin, (particle)γ-coin, g-factors, B(E2). ^{40}Ar; measured half-lives of 2+ and 4+ states using Doppler-shift attenuation method; deduced levels, J, π. JOUR PRVCA 78 017304
	2008VI02	RADIOACTIVITY ^{8}Be [from ^{7}Li(p, γ), E=441 keV]; measured angular distribution of the $e^{+}e^{-}$ pairs from the M1 decay of the 17.64 MeV state. Compared results to model calculations and previous measurement. JOUR APOBB 39 483
^{8}B	2007BA75	RADIOACTIVITY ^{8}B(β^{+}) [from ^{3}He(^{6}Li, n), E=15.5 MeV]; measured delayed α particles, branching ratio to the ground state of ^{8}Be. JOUR PRVCA 76 055806
	2007SUZX	RADIOACTIVITY ^{8}Li, ^{8}B($\beta\alpha$) [from ^{7}Li(d, p) and ^{6}Li(^{3}He, n)]; measured $\beta(\theta$, H, t) from polarized sources; deduced alignment terms. CONF Kyoto(Spin Physics) Proc.P230,Sumikama

A=8 *(continued)*

	2008GA10	NUCLEAR REACTIONS ^{9}Be(^{36}Ar, X)^{19}F / ^{20}Ne / ^{21}Na / ^{22}Mg / ^{23}Al, E=130 MeV / nucleon; measured energy loss, intensities for reaction products. ^{9}Be(^{24}Si, X)^{23}Al / ^{23}Si, E=85.3 MeV / nucleon; measured single-particle cross sections, momentum distributions, spectroscopic factors. ^{9}Be(^{28}S, X)^{27}P, E=80.7 MeV / nucleon; measured Eγ, Iγ.^{9}Be(^{28}S, X)^{27}P / ^{27}S, E=80.7 MeV / nucleon; measured single particle cross sections, spectroscopic factors, momentum distributions. ^{7}Li, ^{8}B, ^{9,12,15}C, ^{16}O, ^{32,34,36}Ar, ^{24,30}Si, ^{26,28}S, ^{31}P, ^{40,48}Ca, ^{51}V, ^{90}Zr, ^{208}Pb; systematics of cross sections. JOUR PRVCA 77 044306
	2008KO12	NUCLEAR REACTIONS ^{1}H(^{9}C, 2p), (^{10}C, 2p), (^{11}C, 2p), (^{12}C, 2p), (^{13}C, 2p), (^{14}C, 2p), (^{15}C, 2p), (^{16}C, 2p), E≈250 MeV / nucleon; measured Ep, Ip, proton yields, separation energy and momentum distributions. Inverse kinematics. JOUR NUPAB 805 431c

A=9

^{9}He	2007GO41	NUCLEAR REACTIONS ^{2}H(^{8}He, p), E=25 MeV / nucleon; measured proton and ^{8}He energies. ^{9}He; deduced resonance parameters. JOUR ZSTNE 150 23
^{9}Li	2007MA91	RADIOACTIVITY ^{9}Li(β^-); measured delayed Eα, Iα, angular distributions. ^{9}Be deduced decay channels. JOUR ZSTNE 150 137
	2008BA35	NUCLEAR REACTIONS Pb, U(^{9}Li, X), E(cm)=28.5 MeV / nucleon; measured σ. ^{8}Li(n, γ); deduced astrophysical capture rates. JOUR PRVCA 78 035804
	2008KA04	NUCLEAR REACTIONS ^{2}H(^{9}Li, t), (^{9}Li, d), E=1.68 MeV / nucleon; measured $\sigma(\theta)$; deduced spectroscopic factors. JOUR PYLBB 660 26
	2008LE08	NUCLEAR REACTIONS ^{9}Be, ^{12}C, ^{16}O(e, e'K$^+$), E=3.66 GeV; measured hypernuclei production excitation spectra, σ(E), missing mass spectra. ^{12}B, ^{16}N deduced hypernuclei levels, J, π. JOUR NUPAB 804 116
	2008MAZY	RADIOACTIVITY ^{9,11}Li(β^-) [from Ta(p, X)]; measured β-delayed Eα, Iα, $\alpha\alpha$-coin. ^{9,11}Be; deduced levels, partial decay branches. CONF Crete(FINUSTAR 2),Proc.P193,Madurga
^{9}Be	2007BR30	NUCLEAR REACTIONS ^{9}Be(^{6}Li, ^{6}Li), E=60 MeV; measured charged particle spectra, branching ratios, $\alpha\alpha$-correlations. ^{7}Li, ^{9}Be; deduced excitation energies. JOUR PRVCA 76 054605
	2007MA91	RADIOACTIVITY ^{9}Li(β^-); measured delayed Eα, Iα, angular distributions. ^{9}Be deduced decay channels. JOUR ZSTNE 150 137

A=9 *(continued)*

2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609

2007ONZZ NUCLEAR REACTIONS ^{9}Be(^{18}C, ^{18}C'), (^{18}C, 2n^{16}C'), E=79 MeV / nucleon; ^{9}Be(^{16}C, ^{16}C'), E=40, 72 MeV / nucleon; measured Eγ, Iγ, angular distributions, and lifetimes using the RSM method. ^{18,16}C; deduced B(E2). REPT RIKEN-NC-NP-16,Ong

2007VE13 NUCLEAR REACTIONS ^{9}Be(^{7}Li, ^{7}Li), E=17, 19, 21 MeV; ^{9}Be(^{7}Li, ^{7}Li), E=15.75, 24.00, 30.00 MeV; measured elastic scattering $\sigma(\theta)$. Compared results to optical model calculations. ^{9}Be(^{7}Li, X), E=15.75, 24.00, 30.00 MeV; measured Eα, Iα from compound nuclear evaporation, fusion cross sections. JOUR ZSTNE 150 75

2008CA17 NUCLEAR REACTIONS ^{9}Be(^{8}Li, ^{9}Be), E=27 MeV; measured angular distributions, $\sigma(\theta)$; deduced spectroscopic factors. ^{6,8}Li(p, γ); deduced σ, reaction rates. Comparisons with DWBA and shell model calculations. JOUR PRVCA 78 034605

2008GA17 NUCLEAR REACTIONS ^{9}Be(^{22}Mg, ^{23}Al), (^{23}Al, ^{23}Al'), E=150 MeV / nucleon; measured fragment spectra, Eγ, Iγ, (fragment)γ-coin. ^{23}Al; deduced levels, spectroscopic factors. JOUR PYLBB 666 218

2008KO02 NUCLEAR REACTIONS ^{12}C(n, n'), (n, α), E <14.2 MeV; measured Eα, Iα, $\sigma(\theta)$. Compared results to model calculations. JOUR JNSTA 45 103

2008KOZW NUCLEAR REACTIONS ^{12}C(n, n'X), (n, α), E=14.0 MeV; measured Eα, Iα, $\Sigma(\theta$, E). REPT JAEA-Conf 2008-006,P46,Kondo

2008MAZY RADIOACTIVITY ^{9,11}Li(β^-) [from Ta(p, X)]; measured β-delayed Eα, Iα, $\alpha\alpha$-coin. ^{9,11}Be; deduced levels, partial decay branches. CONF Crete(FINUSTAR 2),Proc.P193,Madurga

2008MAZZ NUCLEAR REACTIONS ^{9}Be(^{48}Ca, n^{47}Ca), E=450 MeV / nucleon; measured Eγ, Iγ; deduced momentum distributions; ^{9}Be(^{56}Ti, n^{55}Ti), E not given; measured Eγ, Iγ; deduced momentum distributions. CONF Crete(FINUSTAR 2),Proc.P89,Maierbeck

2008ON02 NUCLEAR REACTIONS ^{9}Be(^{16}C, ^{16}C'), E=40 MeV / nucleon;^{9}Be(^{18}C, ^{18}C'), (^{18}C, ^{11}Be), (^{18}C, ^{16}N), E=79 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives using recoil shadow method. ^{11}Be, ^{16}N, ^{16,18}C; deduced levels, J, π, B(E2). ^{14}C, ^{16,18,20,22}O, ^{34}Si, ^{38,40,46,48}Ca; comparison of B(E2) values. JOUR PRVCA 78 014308

A=9 *(continued)*

	2008RI04	NUCLEAR REACTIONS ^{9}Be(^{44}S, p^{43}P), E=91.7 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin, partial σ, momentum distributions. ^{43}P; deduced levels, J, π. Comparison with shell-model calculations. JOUR PRVCA 78 011303
	2008SU12	NUCLEAR REACTIONS ^{9}Be(^{18}C, n^{17}C), E not given; measured Eγ, Iγ, lifetimes of low lying states using recoil shadow method. ^{17}C; deduced B(M1). JOUR PYLBB 666 222
	2008TA06	NUCLEAR REACTIONS ^{7}Li, ^{12}C(π^+, K$^+$), E not given; measured Eγ, Iγ. ^{9}Be, ^{10}B, ^{13}C, ^{16}O(K$^-$, π^-), E not given; analyzed Eγ, Iγ. ^{7}Li, ^{9}Be, ^{10,11}B, ^{12,13}C, ^{15}N, ^{16}O deduced hypernuclei levels, J, π. Hyperball and Hyperball2 arrays. JOUR NUPAB 804 73
^{9}B	2008CU01	RADIOACTIVITY ^{10}C(p);^{10}C(α); measured charged particle spectra, decay channel cross sections, decay product angular distributions. ^{10}C; deduced excitation energies. JOUR PRVCA 77 021301
	2008KO12	NUCLEAR REACTIONS ^{1}H(^{9}C, 2p), (^{10}C, 2p), (^{11}C, 2p), (^{12}C, 2p), (^{13}C, 2p), (^{14}C, 2p), (^{15}C, 2p), (^{16}C, 2p), E≈250 MeV / nucleon; measured Ep, Ip, proton yields, separation energy and momentum distributions. Inverse kinematics. JOUR NUPAB 805 431c
^{9}C	2008GA10	NUCLEAR REACTIONS ^{9}Be(^{36}Ar, X)^{19}F / ^{20}Ne / ^{21}Na / ^{22}Mg / ^{23}Al, E=130 MeV / nucleon; measured energy loss, intensities for reaction products. ^{9}Be(^{24}Si, X)^{23}Al / ^{23}Si, E=85.3 MeV / nucleon; measured single-particle cross sections, momentum distributions, spectroscopic factors. ^{9}Be(^{28}S, X)^{27}P, E=80.7 MeV / nucleon; measured Eγ, Iγ.^{9}Be(^{28}S, X)^{27}P / ^{27}S, E=80.7 MeV / nucleon; measured single particle cross sections, spectroscopic factors, momentum distributions. ^{7}Li, ^{8}B, ^{9,12,15}C, ^{16}O, ^{32,34,36}Ar, ^{24,30}Si, ^{26,28}S, ^{31}P, ^{40,48}Ca, ^{51}V, ^{90}Zr, ^{208}Pb; systematics of cross sections. JOUR PRVCA 77 044306

A=10

^{10}Li	2008AK03	NUCLEAR REACTIONS ^{1}H(^{11}Li, np), E=280 MeV / nucleon; ^{1}H(^{14}Be, n2p), (^{14}Be, 2p), E=304 MeV / nucleon; measured fragment spectra, neutron spectra, (fragment)(neutron)-coin. Deduced σ(E). JOUR PYLBB 666 430
	2008CH07	NUCLEAR REACTIONS ^{9}Be(^{48}Ca, X), E=60 MeV / nucleon; measured neutron decay energy spectra, (fragment)(neutron)-coin using sequential neutron decay spectroscopy technique. ^{10}Li, ^{12,13}Be, ^{23}O observed unbound states. JOUR NUPAB 801 101
^{10}Be	2007MI46	NUCLEAR REACTIONS ^{12,14}C(^{6}He, 2α), E=35 MeV; measured Eα, Iα, $\alpha\alpha$-coin. ^{14}C; deduced level energies. JOUR ZSTNE 150 41

A=10 ***(continued)***

2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609

2008DI12 NUCLEAR REACTIONS ^{9}Be(^{22}Mg, ^{21}Mg), E=74 MeV / nucleon; measured Eγ, Iγ, σ, momentum distributions. ^{21}Mg; deduced levels, J, π, spectroscopic factors. ^{21}F; calculated level energies, J, π. Comparison with model calculations. JOUR PRVCA 77 064309

2008FIZZ NUCLEAR REACTIONS ^{1,2}H, ^{6,7}Li, ^{9}Be, ^{10,11}B, ^{12,13}C, ^{14,15}N, ^{16}O, ^{19}F, ^{23,23m}Na, ^{24,25,26}Mg, ^{27}Al, ^{28,29,30}Si, ^{31}P, ^{32,33,34}S, ^{35,37}Cl, ^{39,40,41}K, ^{102,104,105,106,108,110}Pd(n, γ), E=thermal; measured cross sections; ^{10}B(n, α), E=thermal; measured cross sections; ^{25}Mg(n, γ), E=thermal;^{13}C(n, γ), E=thermal;^{105}Pd(n, γ), E=thermal; measured Eγ, Iγ; deduced cross section balance. compared experimental and calculated depopulation. CONF Yosemit(CNR 2007) Proc.P26,Firestone

2008HA27 RADIOACTIVITY ^{14}C(n)(α); measured partial decay widths. ^{10}Be, ^{13}C; deduced levels, J, π, angular distributions, configurations. Comparison with model calculations. JOUR PRVCA 78 014319

2008TE02 NUCLEAR REACTIONS ^{9}Be(^{30}Mg, ^{29}Mg), E=85.8 MeV / nucleon; ^{9}Be(^{32}Mg, ^{31}Mg), E=75.7 MeV / nucleon; measured Eγ, Iγ, (fragment)γ-coin, cross sections; deduced spectroscopic factors. ^{29,31}Mg; deduced levels, angular momenta, half-lives. Single-particle knockout reaction. JOUR PRVCA 77 014316

2008WA06 NUCLEAR REACTIONS ^{9}Be(n, γ), E= spectrum; ^{13}C(n, γ), E=spectrum; measured capture cross sections using a combination of activation technique and AMS. Comparisons with existing data. JOUR JPGPE 35 014018

2009CU01 RADIOACTIVITY ^{10}Be, ^{19}F(α); measured α-decay from excited states. JOUR JPGPE 36 015108

A=10 *(continued)*

^{10}B	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008AD04	NUCLEAR REACTIONS ^{9}Be(^{67}Co, ^{66}Fe)X, E=84.3 MeV / nucleon; ^{9}Be(^{68}Ni, ^{66}Fe)X, E=74.7 MeV / nucleon; ^{9}Be(^{69}Co, ^{68}Fe)X, E=77.8 MeV / nucleon; ^{9}Be(^{66}Fe, ^{64}Cr)X, E=73.5 MeV / nucleon; measured Eγ, Iγ, σ. ^{66,68}Fe, ^{64}Cr; deduced levels, J, π. ^{9}Be(^{76}Ge, X)^{63}Fe / ^{64}Fe / ^{65}Fe / ^{66}Fe / ^{68}Ni / ^{69}Cu, E=130 MeV / nucleon;measured yields. JOUR PRVCA 77 054306
	2008GL05	NUCLEAR REACTIONS ^{12}C(γ, π^-p), (γ, π^-2p), E not given; measured yields of pion-proton pairs; analyzed mass and width of intermediate ^{11}B Δ nucleus. JOUR BRSPE 72 766
	2008IA01	RADIOACTIVITY ^{10}C(β^+) [from ^{1}H(^{11}B, 2n), E=23 MeV / nucleon]; measured half-life using pulsed-beam method; deduced ft value for superallowed β decay. JOUR PRVCA 77 045501
	2008KO12	NUCLEAR REACTIONS ^{1}H(^{9}C, 2p), (^{10}C, 2p), (^{11}C, 2p), (^{12}C, 2p), (^{13}C, 2p), (^{14}C, 2p), (^{15}C, 2p), (^{16}C, 2p), E≈250 MeV / nucleon; measured Ep, Ip, proton yields, separation energy and momentum distributions. Inverse kinematics. JOUR NUPAB 805 431c
	2008TA06	NUCLEAR REACTIONS ^{7}Li, ^{12}C(π^+, K$^+$), E not given; measured Eγ, Iγ. ^{9}Be, ^{10}B, ^{13}C, ^{16}O(K$^-$, π^-), E not given; analyzed Eγ, Iγ. ^{7}Li, ^{9}Be, ^{10,11}B, ^{12,13}C, ^{15}N, ^{16}O deduced hypernuclei levels, J, π. Hyperball and Hyperball2 arrays. JOUR NUPAB 804 73
^{10}C	2008CU01	RADIOACTIVITY ^{10}C(p);^{10}C(α); measured charged particle spectra, decay channel cross sections, decay product angular distributions. ^{10}C; deduced excitation energies. JOUR PRVCA 77 021301
	2008FI07	RADIOACTIVITY ^{62}Ga(β^+); measured Eγ, Iγ, Eβ, $\beta\gamma$-coin, branching ratios; deduced ft values. ^{62}Zn; deduced levels, J, π. ^{10}C, ^{14}O, ^{22}Mg, ^{26m}Al, ^{34}Ca, ^{34}Ar, ^{38m}K, ^{42}Sc, ^{46}V, ^{50}Mn, ^{54}Co, ^{62}Ga, ^{74}Rb; systematics of superallowed β decays and ft values. JOUR PRVCA 78 025502
	2008HAZZ	RADIOACTIVITY ^{10}C, ^{14}O, ^{22}Mg, ^{26m}Al, ^{34}Cl, ^{34}Ar, ^{38m}K, ^{42}Sc, ^{46}V, ^{50}Mn, ^{54}Co, ^{62}Ga, ^{74}Rb; analyzed superallowed β-decay data. ^{34}Ar(β^+), (EC) [from ^{1}H(^{35}Cl, 2n), E=35 MeV / nucleon]; measured Eγ, Iγ, Eβ, $\beta\gamma$ coin; deduced β^++EC branches for superallowed β decay. CONF Sinaia(Exotic Nuclei and Nucl.Part.Astorphysics(II)) Proc.P119,Ha

A=10 *(continued)*

	2008IA01	RADIOACTIVITY ^{10}C(β^+) [from ^{1}H(^{11}B, 2n), E=23 MeV / nucleon]; measured half-life using pulsed-beam method; deduced ft value for superallowed β decay. JOUR PRVCA 77 045501
	2008ME11	NUCLEAR REACTIONS Be, C(^{10}C, ^{10}C'), E=10.7 MeV; measured proton spectra, α spectra, αp-, pp-coin from excited states. ^{10}C; deduced levels, correlated 2p decay mode. JOUR PRVCA 78 031602

A=11

^{11}Li	2007RAZS	RADIOACTIVITY ^{11}Li(β^-); measured β-delayed deuteron, triton, charged particle total energy spectra.^{8,9}Li; deduced $T_{1/2}$. CONF Lisbon (PROCON 2007),Proc.P218,Raabe
	2008BA18	ATOMIC MASSES ^{11}Li; measured mass and two-neutron separation energy using the MISTRAL spectrometer at ISOLDE. JOUR PRLTA 100 182501
	2008MA34	RADIOACTIVITY ^{11}Li(β^-); measured β-delayed charged-particle spectra. ^{11}Be deduced subsequent break-up decay channels. JOUR NUPAB 810 1
	2008MAZY	RADIOACTIVITY ^{9,11}Li(β^-) [from Ta(p, X)]; measured β-delayed Eα, Iα, $\alpha\alpha$-coin. ^{9,11}Be; deduced levels, partial decay branches. CONF Crete(FINUSTAR 2),Proc.P193,Madurga
	2008NE11	NUCLEAR MOMENTS ^{11}Li; measured electric dipole and quadrupole moments using a NMR based technique. JOUR PRLTA 101 132502
	2008ON02	NUCLEAR REACTIONS ^{9}Be(^{16}C, ^{16}C'), E=40 MeV / nucleon;^{9}Be(^{18}C, ^{18}C'), (^{18}C, ^{11}Be), (^{18}C, ^{16}N), E=79 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives using recoil shadow method. ^{11}Be, ^{16}N, ^{16,18}C; deduced levels, J, π, B(E2). ^{14}C, ^{16,18,20,22}O, ^{34}Si, ^{38,40,46,48}Ca; comparison of B(E2) values. JOUR PRVCA 78 014308
	2008RA23	RADIOACTIVITY ^{11}Li(β^-); measured β-delayed deuteron spectrum. Deduced transition probability. JOUR PRLTA 101 212501
	2008SM03	ATOMIC MASSES ^{11}Li; measured mass using a penning trap mass spectrometer. JOUR PRLTA 101 202501
^{11}Be	2007BAZQ	RADIOACTIVITY ^{146}Tm(β^+p); measured β^+, charged particle spectra; ^{11}Be; deduced three body break-up excited state through ^{10}Be state. CONF Lisbon (PROCON 2007),Proc.P291,Batchelder

A=11 ***(continued)***

2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609

2007RAZS RADIOACTIVITY ^{11}Li(β^-); measured β-delayed deuteron, triton, charged particle total energy spectra.^{8,9}Li; deduced $T_{1/2}$. CONF Lisbon (PROCON 2007),Proc.P218,Raabe

2008MA34 RADIOACTIVITY ^{11}Li(β^-); measured β-delayed charged-particle spectra. ^{11}Be deduced subsequent break-up decay channels. JOUR NUPAB 810 1

2008MAZY RADIOACTIVITY ^{9,11}Li(β^-) [from Ta(p, X)]; measured β-delayed Eα, Iα, $\alpha\alpha$-coin. ^{9,11}Be; deduced levels, partial decay branches. CONF Crete(FINUSTAR 2),Proc.P193,Madurga

2008ON02 NUCLEAR REACTIONS ^{9}Be(^{16}C, ^{16}C'), E=40 MeV / nucleon;^{9}Be(^{18}C, ^{18}C'), (^{18}C, ^{11}Be), (^{18}C, ^{16}N), E=79 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives using recoil shadow method. ^{11}Be, ^{16}N, ^{16,18}C; deduced levels, J, π, B(E2). ^{14}C, ^{16,18,20,22}O, ^{34}Si, ^{38,40,46,48}Ca; comparison of B(E2) values. JOUR PRVCA 78 014308

2008RA23 RADIOACTIVITY ^{11}Li(β^-); measured β-delayed deuteron spectrum. Deduced transition probability. JOUR PRLTA 101 212501

^{11}B 2007ARZT NUCLEAR REACTIONS ^{12}C, ^{197}Au(^{11}B, X), E=33 MeV / nucleon; measured light fragment yields; ^{12}C, ^{197}Au(^{11}B, ^{11}B), E=33 MeV / nucleon; measured $\sigma(\theta)$; ^{12}C, ^{197}Au(^{11}B, α^7Li), E=33 MeV / nucleon; measured light fragment yields; ^{11}B; analyzed break-up parameters. REPT JINR-P7-2007-8,Artyukh

2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609

A=11 ***(continued)***

	2008FIZZ	NUCLEAR REACTIONS ^{1,2}H, ^{6,7}Li, ^{9}Be, ^{10,11}B, ^{12,13}C, ^{14,15}N, ^{16}O, ^{19}F, ^{23,23m}Na, ^{24,25,26}Mg, ^{27}Al, ^{28,29,30}Si, ^{31}P, ^{32,33,34}S, ^{35,37}Cl, ^{39,40,41}K, ^{102,104,105,106,108,110}Pd(n, γ), E=thermal; measured cross sections; ^{10}B(n, α), E=thermal; measured cross sections; ^{25}Mg(n, γ), E=thermal;^{13}C(n, γ), E=thermal;^{105}Pd(n, γ), E=thermal; measured Eγ, Iγ; deduced cross section balance. compared experimental and calculated depopulation. CONF Yosemit(CNR 2007) Proc.P26,Firestone
	2008KO12	NUCLEAR REACTIONS ^{1}H(^{9}C, 2p), (^{10}C, 2p), (^{11}C, 2p), (^{12}C, 2p), (^{13}C, 2p), (^{14}C, 2p), (^{15}C, 2p), (^{16}C, 2p), E$\approx$250 MeV / nucleon; measured Ep, Ip, proton yields, separation energy and momentum distributions. Inverse kinematics. JOUR NUPAB 805 431c
	2008LA08	NUCLEAR REACTIONS ^{4}He(^{8}Li, n), E(cm)=1.05 MeV; ^{4}He(^{9}Be, n), E(cm)=1.45 MeV; measured En, In, σ. Comparison with other data. JOUR PYLBB 664 157
	2008NO01	NUCLEAR REACTIONS ^{6}Li, ^{12}C, ^{40}Ca(p, 2p)E=392 MeV; measured Wolfenstein parameters, induced polarizations, analyzing powers, separation energy spectra. Comparison with DWIA and PWIA models. JOUR PRVCA 77 044604
	2008TA06	NUCLEAR REACTIONS ^{7}Li, ^{12}C(π^+, K$^+$), E not given; measured Eγ, Iγ. ^{9}Be, ^{10}B, ^{13}C, ^{16}O(K$^-$, π^-), E not given; analyzed Eγ, Iγ. ^{7}Li, ^{9}Be, ^{10,11}B, ^{12,13}C, ^{15}N, ^{16}O deduced hypernuclei levels, J, π. Hyperball and Hyperball2 arrays. JOUR NUPAB 804 73
^{11}C	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008AD04	NUCLEAR REACTIONS ^{9}Be(^{67}Co, ^{66}Fe)X, E=84.3 MeV / nucleon; ^{9}Be(^{68}Ni, ^{66}Fe)X, E=74.7 MeV / nucleon; ^{9}Be(^{69}Co, ^{68}Fe)X, E=77.8 MeV / nucleon; ^{9}Be(^{66}Fe, ^{64}Cr)X, E=73.5 MeV / nucleon; measured Eγ, Iγ, σ. ^{66,68}Fe, ^{64}Cr; deduced levels, J, π. ^{9}Be(^{76}Ge, X)^{63}Fe / ^{64}Fe / ^{65}Fe / ^{66}Fe / ^{68}Ni / ^{69}Cu, E=130 MeV / nucleon;measured yields. JOUR PRVCA 77 054306
	2008GL05	NUCLEAR REACTIONS ^{12}C(γ, π^-p), (γ, π^-2p), E not given; measured yields of pion-proton pairs; analyzed mass and width of intermediate ^{11}B Δ nucleus. JOUR BRSPE 72 766

A=11 *(continued)*

	2008ST10	NUCLEAR REACTIONS ^{10}B(d, n)^{11}C, E<160 keV; measured σ, astrophysical S factors, neutron spectra, angular distributions. Comparison with DWBA and Hauser-Feshbach calculations. JOUR PRVCA 77 054607

A=12

^{12}Li	2008AK03	NUCLEAR REACTIONS ^{1}H(^{11}Li, np), E=280 MeV / nucleon; ^{1}H(^{14}Be, n2p), (^{14}Be, 2p), E=304 MeV / nucleon; measured fragment spectra, neutron spectra, (fragment)(neutron)-coin. Deduced σ(E). JOUR PYLBB 666 430
^{12}Be	2007CH81	NUCLEAR REACTIONS H, ^{12}C(^{12}Be, X), E=50 MeV / nucleon; measured charged particle spectra. ^{12}Be; measured breakup cross sections for decay modes α+^{8}He, ^{6}He+^{6}He, ^{3}H+^{9}Li, p+^{11}Li; deduced excitation energies. JOUR PRVCA 76 064313
	2007MI46	NUCLEAR REACTIONS ^{12,14}C(^{6}He, 2α), E=35 MeV; measured Eα, Iα, $\alpha\alpha$-coin. ^{14}C; deduced level energies. JOUR ZSTNE 150 41
	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008CH07	NUCLEAR REACTIONS ^{9}Be(^{48}Ca, X), E=60 MeV / nucleon; measured neutron decay energy spectra, (fragment)(neutron)-coin using sequential neutron decay spectroscopy technique. ^{10}Li, ^{12,13}Be, ^{23}O observed unbound states. JOUR NUPAB 801 101
^{12}B	2007CL04	NUCLEAR REACTIONS ^{2}H, ^{12}C, ^{27}Al, ^{63}Cu, ^{197}Au(e, e'π^+), E=4.021-5.767 GeV; measured electron and pion energies. Deduced nuclear transparency. JOUR PRLTA 99 242502
	2007MI49	NUCLEAR MOMENTS ^{12}B(β^-); measured β-assymetry for spin polarized nuclei implanted in Pt foil using the β-NMR method. JOUR HYIND 178 73

A=12 *(continued)*

2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609

2008FIZZ NUCLEAR REACTIONS ^{1,2}H, ^{6,7}Li, ^{9}Be, ^{10,11}B, ^{12,13}C, ^{14,15}N, ^{16}O, ^{19}F, ^{23,23m}Na, ^{24,25,26}Mg, ^{27}Al, ^{28,29,30}Si, ^{31}P, ^{32,33,34}S, ^{35,37}Cl, ^{39,40,41}K, ^{102,104,105,106,108,110}Pd(n, γ), E=thermal; measured cross sections; ^{10}B(n, α), E=thermal; measured cross sections; ^{25}Mg(n, γ), E=thermal;^{13}C(n, γ), E=thermal;^{105}Pd(n, γ), E=thermal; measured Eγ, Iγ; deduced cross section balance. compared experimental and calculated depopulation. CONF Yosemit(CNR 2007) Proc.P26,Firestone

2008HA14 NUCLEAR REACTIONS ^{1}H, ^{12}C, ^{28}Si(e, e'K^{+}), E=1.8 GeV; measured hypernuclei missing mass spectra using the Tilt method. JOUR NUPAB 804 125

2008KO12 NUCLEAR REACTIONS ^{1}H(^{9}C, 2p), (^{10}C, 2p), (^{11}C, 2p), (^{12}C, 2p), (^{13}C, 2p), (^{14}C, 2p), (^{15}C, 2p), (^{16}C, 2p), E≈250 MeV / nucleon; measured Ep, Ip, proton yields, separation energy and momentum distributions. Inverse kinematics. JOUR NUPAB 805 431c

2008LE08 NUCLEAR REACTIONS ^{9}Be, ^{12}C, ^{16}O(e, e'K^{+}), E=3.66 GeV; measured hypernuclei production excitation spectra, σ(E), missing mass spectra. ^{12}B, ^{16}N deduced hypernuclei levels, J, π. JOUR NUPAB 804 116

2008WOZZ NUCLEAR REACTIONS ^{12}C(d, ^{2}He), E*=0-17.5 MeV; measured $\sigma(\theta)$, analyzing power; ^{12}B; deduced spin-dipole resonance parameters. CONF Crete(FINUSTAR 2),Proc.P243,Wortche

^{12}C

2007ARZT NUCLEAR REACTIONS ^{12}C, ^{197}Au(^{11}B, X), E=33 MeV / nucleon; measured light fragment yields; ^{12}C, ^{197}Au(^{11}B, ^{11}B), E=33 MeV / nucleon; measured $\sigma(\theta)$; ^{12}C, ^{197}Au(^{11}B, α^{7}Li), E=33 MeV / nucleon; measured light fragment yields; ^{11}B; analyzed break-up parameters. REPT JINR-P7-2007-8,Artyukh

2007BO49 NUCLEAR REACTIONS ^{10}B(^{3}He, p), E=2.45 MeV; measured Eα, Iα from the triple α breakup of ^{12}C from ground state upto 18 MeV. JOUR ZSTNE 150 207

2007LA37 NUCLEAR REACTIONS ^{2}H(^{15}N, nα), E=60 MeV; measured ^{12}C energies, particle coincidences, momentum. ^{15}N(p, α)^{12}C, E(cm)=19.2-576.0 MeV; deduced angular distributions, excitation functions, astrophysical S-factors using Trojan horse method. JOUR PRVCA 76 065804

A=12 *(continued)*

2007MI49 NUCLEAR MOMENTS ^{12}B(β^-); measured β-assymetry for spin polarized nuclei implanted in Pt foil using the β-NMR method. JOUR HYIND 178 73

2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609

2007TA34 RADIOACTIVITY ^{16}N(β^-), ($\beta^-\alpha$); measured Eα, Iα, ^{12}Cα-coin. ^{12}C(α, γ); deduced astrophysical S-factor. JOUR PRLTA 99 052502

2008AG07 NUCLEAR REACTIONS ^{6,7}Li, ^{12}C(K^-, π^-), E at rest; measured negative pion momentum spectrum, (proton)(pion)-coin and Ep, Ip from decaying hypernucleus. Comparison with other data. JOUR NUPAB 804 151

2008BA24 NUCLEAR REACTIONS ^{4}He(γ, π^0), E=25 MeV; measured σ, angular distributions; deduced reduced isovector amplitudes. ^{12}C(γ, π^0); analyzed σ, deduced reduced isovector amplitudes. JOUR PRVCA 77 064601

2008BO24 NUCLEAR REACTIONS ^{4}He, ^{12}C(e, e'), E=1.6-2.5 GeV; ^{15}N(e, e'), E=2.285 GeV; measured σ. JOUR PRVCA 78 015202

2008CH13 NUCLEAR REACTIONS ^{11}B(p, γ), E=7-24.5 MeV; measured Eγ, Iγ, capture cross sections. ^{12}C; deduced resonances. Comparison with DSD model calculations and structures of ^{14}N and ^{14}C. JOUR PRVCA 77 051302

2008EI01 NUCLEAR REACTIONS ^{12}C(ν, ν'), E < 52.8 MeV; ^{12,13}C, ^{56}Fe(ν, e^-), E < 52.8 MeV; measured flux averaged cross sections, energy distribution of ν-induced single events; deduced neutrino oscillation upper limit. JOUR JPGPE 35 014055

2008GA10 NUCLEAR REACTIONS ^{9}Be(^{36}Ar, X)^{19}F / ^{20}Ne / ^{21}Na / ^{22}Mg / ^{23}Al, E=130 MeV / nucleon; measured energy loss, intensities for reaction products. ^{9}Be(^{24}Si, X)^{23}Al / ^{23}Si, E=85.3 MeV / nucleon; measured single-particle cross sections, momentum distributions, spectroscopic factors. ^{9}Be(^{28}S, X)^{27}P, E=80.7 MeV / nucleon; measured Eγ, Iγ.^{9}Be(^{28}S, X)^{27}P / ^{27}S, E=80.7 MeV / nucleon; measured single particle cross sections, spectroscopic factors, momentum distributions. ^{7}Li, ^{8}B, ^{9,12,15}C, ^{16}O, ^{32,34,36}Ar, ^{24,30}Si, ^{26,28}S, ^{31}P, ^{40,48}Ca, ^{51}V, ^{90}Zr, ^{208}Pb; systematics of cross sections. JOUR PRVCA 77 044306

2008GU08 NUCLEAR REACTIONS ^{14}N(d, p), (d, α), E=0.7-2.2 keV; measured excitation functions. JOUR NIMBE 266 1206

A=12 *(continued)*

	2008KO02	NUCLEAR REACTIONS ^{12}C(n, n'), (n, α), E <14.2 MeV; measured Eα, Iα, $\sigma(\theta)$. Compared results to model calculations. JOUR JNSTA 45 103
	2008LA01	NUCLEAR REACTIONS ^{1}H, ^{12}C(^{10}Be, ^{10}Be), E=39.1 MeV / nucleon; ^{1}H, ^{12}C(^{11}Be, ^{11}Be), E=38.4 MeV / nucleon; measured $\sigma(\theta)$. Comparison with optical models including a virtual coupling potential. JOUR PYLBB 658 198
	2008LA08	NUCLEAR REACTIONS ^{4}He(^{8}Li, n), E(cm)=1.05 MeV; ^{4}He(^{9}Be, n), E(cm)=1.45 MeV; measured En, In, σ. Comparison with other data. JOUR PYLBB 664 157
	2008MU15	NUCLEAR REACTIONS ^{15}N(^{3}He, d), E=25.74 MeV; measured deuteron spectra, asymptotic normalization coefficients, angular distributions. ^{15}N(p, γ), (p, α); deduced astrophysical S-factors, resonance parameters. JOUR PRVCA 78 015804
	2008OH02	NUCLEAR REACTIONS ^{56}Fe, ^{89}Y, ^{208}Pb(n, n), E=96 MeV; measured $\sigma(\theta)$; ^{12}C, ^{16}O; systematics, compared with Wick's limit. JOUR PRVCA 77 024605
	2008PE09	NUCLEAR REACTIONS ^{13}C(^{7}Li, t), (^{7}Li, ^{7}Li), E=28, 34 MeV; measured $\sigma(\theta)$. ^{17}O; deduced levels, J, α spectroscopic factors, asymptotic normalization factors. ^{12}C(^{7}Li, t), (^{7}Li, ^{7}Li), E=28 MeV; measured yields. ^{13}C(α, n); deduced astrophysical S-factor, reaction rates. Comparison with recommended values. DWBA analysis. JOUR PRVCA 77 042801
	2008PIZZ	NUCLEAR REACTIONS ^{2}H(^{15}N, nα), E=60 MeV; measured $\sigma(\theta)$; ^{15}N(p, α)^{12}C; deduced σ, astrophysical S-factor. Trojan-horse method. Compared results to direct measurements. CONF Crete(FINUSTAR 2),Proc.P155,Pizzone
	2008SP01	NUCLEAR REACTIONS ^{12}C(^{36}S, ^{36}S'), (^{36}S, ^{40}Ar), E=70 MeV; measured Eγ, Iγ, $T_{1/2}$ using transient field technique and DSA; ^{36}S, ^{40}Ar; deduced B(E2), g-factor. Comparison with shell model and previous results. JOUR PYLBB 659 101
	2008TA05	NUCLEAR REACTIONS ^{12}C(γ, π^0)^{12}C, E=120-819 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, $\sigma(\theta)$. JOUR PRLTA 100 132301
	2008TA06	NUCLEAR REACTIONS ^{7}Li, ^{12}C(π^+, K$^+$), E not given; measured Eγ, Iγ. ^{9}Be, ^{10}B, ^{13}C, ^{16}O(K$^-$, π^-), E not given; analyzed Eγ, Iγ. ^{7}Li, ^{9}Be, ^{10,11}B, ^{12,13}C, ^{15}N, ^{16}O deduced hypernuclei levels, J, π. Hyperball and Hyperball2 arrays. JOUR NUPAB 804 73
^{12}N	2008DO02	NUCLEAR REACTIONS ^{12}C(p, n), E=296 MeV; measured cross sections and polarization transfer observables as a function of excitation energy. JOUR JUPSA 77 014201
	2008EI01	NUCLEAR REACTIONS ^{12}C(ν, ν'), E < 52.8 MeV; ^{12,13}C, ^{56}Fe(ν, e$^-$), E < 52.8 MeV; measured flux averaged cross sections, energy distribution of ν-induced single events; deduced neutrino oscillation upper limit. JOUR JPGPE 35 014055
	2008JA03	NUCLEAR REACTIONS ^{1}H, ^{2}H(^{28}Si, X), E=200, 300 MeV / nucleon; measured σ, $\sigma(\theta)$. He, ^{12,14}N, ^{16}O, ^{18}F, ^{20}Ne, ^{22}Na, ^{24}Mg, ^{26}Al, ^{28}Si; measured momentum distributions, angular distributions; deduced single-event effects in microelectronics. JOUR PRVCA 77 044601

A=13

^{13}Li	2008AK03	NUCLEAR REACTIONS ^{1}H(^{11}Li, np), E=280 MeV / nucleon; ^{1}H(^{14}Be, n2p), (^{14}Be, 2p), E=304 MeV / nucleon; measured fragment spectra, neutron spectra, (fragment)(neutron)-coin. Deduced σ(E). JOUR PYLBB 666 430
^{13}Be	2008CH07	NUCLEAR REACTIONS ^{9}Be(^{48}Ca, X), E=60 MeV / nucleon; measured neutron decay energy spectra, (fragment)(neutron)-coin using sequential neutron decay spectroscopy technique. ^{10}Li, ^{12,13}Be, ^{23}O observed unbound states. JOUR NUPAB 801 101
^{13}B	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008KO12	NUCLEAR REACTIONS ^{1}H(^{9}C, 2p), (^{10}C, 2p), (^{11}C, 2p), (^{12}C, 2p), (^{13}C, 2p), (^{14}C, 2p), (^{15}C, 2p), (^{16}C, 2p), E≈250 MeV / nucleon; measured Ep, Ip, proton yields, separation energy and momentum distributions. Inverse kinematics. JOUR NUPAB 805 431c
	2008OT05	NUCLEAR REACTIONS ^{4}He(^{12}Be, ^{13}B), E=50 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin, $\sigma(\theta)$. ^{13}B; deduced levels, J, π. JOUR PYLBB 666 311
	2008OTZZ	NUCLEAR REACTIONS ^{4}He(^{12}Be, ^{13}B), E=50 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$, (particle)γ-coin, $\sigma(\theta)$. ^{13}B; deduced levels, J, π. REPT RIKEN-NC-NP-24,Ota
^{13}C	2006RE19	ATOMIC MASSES ^{13}C, ^{14}N, ^{28}Si, ^{31}P; measured masses and ratio of ionic masses using Penning trap measurement. JOUR IMSPF 251 125
	2007AZZZ	NUCLEAR REACTIONS ^{1}H, ^{12}C(d, p), E at 9.0 GeV / c; measured analyzing powers. REPT JINR-P1-2007-46,Azhgirey
	2007NA26	NUCLEAR REACTIONS ^{18}O(n, γ), E=thermal; measured Eγ, Iγ, $\gamma\gamma$-coin, cross sections; deduced levels, J, π, configurations, B(E1). ^{13}C, ^{17,19}O; systematics. JOUR PRVCA 76 051301

A=13 ***(continued)***

2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609

2008FIZZ NUCLEAR REACTIONS ^{1,2}H, ^{6,7}Li, ^{9}Be, ^{10,11}B, ^{12,13}C, ^{14,15}N, ^{16}O, ^{19}F, ^{23,23m}Na, ^{24,25,26}Mg, ^{27}Al, ^{28,29,30}Si, ^{31}P, ^{32,33,34}S, ^{35,37}Cl, ^{39,40,41}K, ^{102,104,105,106,108,110}Pd(n, γ), E=thermal; measured cross sections; ^{10}B(n, α), E=thermal; measured cross sections; ^{25}Mg(n, γ), E=thermal;^{13}C(n, γ), E=thermal;^{105}Pd(n, γ), E=thermal; measured Eγ, Iγ; deduced cross section balance. compared experimental and calculated depopulation. CONF Yosemit(CNR 2007) Proc.P26,Firestone

2008HA27 NUCLEAR REACTIONS ^{12}C(^{16}O, ^{14}O), E=234 MeV; measured charged particle spectra. ^{14}C; deduced levels, J, π, configurations, widths of excited states. ^{7}Li(^{9}Be, ^{14}C);^{14}C(^{13}C, ^{14}C), (^{14}C, ^{14}C); ^{9}Be(^{7}Li, d); ^{13}C(polarized p, π^+), (n, n); comparison of levels. JOUR PRVCA 78 014319

2008HA27 RADIOACTIVITY ^{14}C(n)(α); measured partial decay widths. ^{10}Be, ^{13}C; deduced levels, J, π, angular distributions, configurations. Comparison with model calculations. JOUR PRVCA 78 014319

2008HE11 NUCLEAR REACTIONS ^{13}C(α, n), E(cm)=320-700 keV; ^{13}C(α, α), E=2.6-6.2 MeV; measured radii, σ, $\sigma(\theta)$, S-factor. ^{17}O; deduced levels, J, π, resonance parameters.^{16}O(n, n), (n, $\alpha\gamma$); analyzed σ. R-matrix analysis. JOUR PRVCA 78 025803

2008JA07 NUCLEAR REACTIONS ^{2}H(polarized d, p), E=200, 270 MeV; ^{2}H(polarized d, n), E=270 MeV; ^{2}H(polarized d, pX), E=140, 200, 270 MeV; ^{12}C(polarized d, p), E=140, 200, 270 MeV; ^{1}H(polarized d, d), E=880 MeV; measured Analyzing powers. Compared results to model calculations. JOUR PANUE 71 1495

2008KI17 NUCLEAR REACTIONS ^{12}C(polarized d, p), E=140, 200, 270 MeV; measured tensor analyzing powers. ^{12}C(polarized d, p), E=270 MeV; measured tensor and vector analyzing powers. JOUR ZSTNE 162 143

2008OH05 NUCLEAR REACTIONS ^{18}O(n, γ), E=10-80 keV; measured Eγ, Iγ, σ_γ. ^{19}O; deduced levels, J, π. Comparison with theory. ^{13}C, ^{17}O, ^{18}O; systematics. JOUR PRVCA 77 051303

2008PA09 NUCLEAR REACTIONS ^{12}C(d, p), E=0.81-2.07 MeV; measured $\sigma(\theta)$. Comparison with other data. JOUR NIMBE 266 2263

A=13 ***(continued)***

	2008PE09	NUCLEAR REACTIONS ^{13}C(^{7}Li, t), (^{7}Li, ^{7}Li), E=28, 34 MeV; measured $\sigma(\theta)$. ^{17}O; deduced levels, J, α spectroscopic factors, asymptotic normalization factors. ^{12}C(^{7}Li, t), (^{7}Li, ^{7}Li), E=28 MeV; measured yields. ^{13}C(α, n); deduced astrophysical S-factor, reaction rates. Comparison with recommended values. DWBA analysis. JOUR PRVCA 77 042801
	2008SK06	NUCLEAR REACTIONS ^{1}H, C(^{11}B, ^{11}B), (^{12}B, ^{12}B), E=44.6 MeV; measured $\sigma(\theta)$. ^{13}C; deduced levels, J, π, resonance widths. Comparisons with ^{13}B, ^{13}N, ^{13}O, shell model calculations. JOUR PRVCA 78 044603
	2008TA06	NUCLEAR REACTIONS ^{7}Li, ^{12}C(π^+, K$^+$), E not given; measured Eγ, Iγ. ^{9}Be, ^{10}B, ^{13}C, ^{16}O(K$^-$, π^-), E not given; analyzed Eγ, Iγ. ^{7}Li, ^{9}Be, ^{10,11}B, ^{12,13}C, ^{15}N, ^{16}O deduced hypernuclei levels, J, π. Hyperball and Hyperball2 arrays. JOUR NUPAB 804 73
^{13}N	2007CA47	NUCLEAR REACTIONS ^{12}C(^{8}He, ^{7}H), E=15.4 MeV / nucleon; measured production $\sigma(\theta)$. ^{7}H; deduced resonance parameters. JOUR ZSTNE 150 9
	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008BU19	NUCLEAR REACTIONS ^{12}C(p, γ), E=354, 390, 460, 463, 565, 750, 1061 keV; measured Eγ, Iγ, σ, $\sigma(\theta)$. Deduced astrophysical S-factors, asymptotic normalization coefficients. JOUR PRVCA 78 035802
	2008CA22	NUCLEAR REACTIONS ^{12}C(^{8}He, ^{6}H), (^{8}He, ^{7}H), E=15.4 MeV / nucleon; measured particle spectra. ^{5,6,7}H; deduced excitation energies, resonances, widths. Comparison with phase space calculations. JOUR PRVCA 78 044001
	2008EI01	NUCLEAR REACTIONS ^{12}C(ν, ν'), E < 52.8 MeV; ^{12,13}C, ^{56}Fe(ν, e$^-$), E < 52.8 MeV; measured flux averaged cross sections, energy distribution of ν-induced single events; deduced neutrino oscillation upper limit. JOUR JPGPE 35 014055
	2008WA09	NUCLEAR REACTIONS ^{2}H(^{12}C, ^{13}N), E=72 MeV; measured excitation function. ^{1}H(^{13}N, ^{13}N), E=47.8 MeV; measured proton energy, $\sigma(\theta)$. ^{13}N, ^{14}O; deduced levels, J, π, resonance parameters. JOUR PRVCA 77 044304

A=13 *(continued)*

	2008ZE01	NUCLEAR REACTIONS ^{13}C(^{3}He, t), E=420 MeV; measured charged particles, $\sigma(\theta)$; deduced B(GT), levels, J, π. ^{13}C(p, n); deduced electron capture rates in stellar environments as a function of temperature. JOUR PRVCA 77 024307
^{13}O	2007TAZR	NUCLEAR REACTIONS ^{13}C(^{11}B, ^{11}Li)^{13}O E=70 MeV / nucleon; measured ^{13}O spectrum; ^{13}O; deduced ground state properties. CONF Kyoto(Spin Physics) Proc.P815,Takahisa

A=14

^{14}B	2008KO12	NUCLEAR REACTIONS ^{1}H(^{9}C, 2p), (^{10}C, 2p), (^{11}C, 2p), (^{12}C, 2p), (^{13}C, 2p), (^{14}C, 2p), (^{15}C, 2p), (^{16}C, 2p), E≈250 MeV / nucleon; measured Ep, Ip, proton yields, separation energy and momentum distributions. Inverse kinematics. JOUR NUPAB 805 431c
^{14}C	2007MI46	NUCLEAR REACTIONS ^{12,14}C(^{6}He, 2α), E=35 MeV; measured Eα, Iα, $\alpha\alpha$-coin. ^{14}C; deduced level energies. JOUR ZSTNE 150 41
	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008FIZZ	NUCLEAR REACTIONS ^{1,2}H, ^{6,7}Li, ^{9}Be, ^{10,11}B, ^{12,13}C, ^{14,15}N, ^{16}O, ^{19}F, ^{23,23m}Na, ^{24,25,26}Mg, ^{27}Al, ^{28,29,30}Si, ^{31}P, ^{32,33,34}S, ^{35,37}Cl, ^{39,40,41}K, ^{102,104,105,106,108,110}Pd(n, γ), E=thermal; measured cross sections; ^{10}B(n, α), E=thermal; measured cross sections; ^{25}Mg(n, γ), E=thermal;^{13}C(n, γ), E=thermal;^{105}Pd(n, γ), E=thermal; measured Eγ, Iγ; deduced cross section balance. compared experimental and calculated depopulation. CONF Yosemit(CNR 2007) Proc.P26,Firestone
	2008GIZZ	NUCLEAR REACTIONS ^{9}Be(^{9}Be, pγ), (^{9}Be, 2p), (^{9}Be, α), E=30, 35, 40 MeV; ^{18}O(^{11}B, p), (^{11}B, 2p), (^{11}B, α), E=50, 55, 60 MeV; ^{18}O(^{12}C, p), (^{12}C, 2p), (^{12}C, α), E=50, 55, 60 MeV; measured Eγ, Iγ, yields. CONF Yosemit(CNR 2007) Proc.P77,Gibelin
	2008HA27	NUCLEAR REACTIONS ^{12}C(^{16}O, ^{14}O), E=234 MeV; measured charged particle spectra. ^{14}C; deduced levels, J, π, configurations, widths of excited states. ^{7}Li(^{9}Be, ^{14}C);^{14}C(^{13}C, ^{14}C), (^{14}C, ^{14}C); ^{9}Be(^{7}Li, d); ^{13}C(polarized p, π^{+}), (n, n); comparison of levels. JOUR PRVCA 78 014319

A=14 *(continued)*

	2008HA27	RADIOACTIVITY ^{14}C(n)(α); measured partial decay widths. ^{10}Be, ^{13}C; deduced levels, J, π, angular distributions, configurations. Comparison with model calculations. JOUR PRVCA 78 014319
	2008ON02	NUCLEAR REACTIONS ^{9}Be(^{16}C, ^{16}C'), E=40 MeV / nucleon;^{9}Be(^{18}C, ^{18}C'), (^{18}C, ^{11}Be), (^{18}C, ^{16}N), E=79 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives using recoil shadow method. ^{11}Be, ^{16}N, ^{16,18}C; deduced levels, J, π, B(E2). ^{14}C, ^{16,18,20,22}O, ^{34}Si, ^{38,40,46,48}Ca; comparison of B(E2) values. JOUR PRVCA 78 014308
	2008WA06	NUCLEAR REACTIONS ^{9}Be(n, γ), E= spectrum; ^{13}C(n, γ), E=spectrum; measured capture cross sections using a combination of activation technique and AMS. Comparisons with existing data. JOUR JPGPE 35 014018
^{14}N	2006RE19	ATOMIC MASSES ^{13}C, ^{14}N, ^{28}Si, ^{31}P; measured masses and ratio of ionic masses using Penning trap measurement. JOUR IMSPF 251 125
	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008CA22	NUCLEAR REACTIONS ^{12}C(^{8}He, ^{6}H), (^{8}He, ^{7}H), E=15.4 MeV / nucleon; measured particle spectra. ^{5,6,7}H; deduced excitation energies, resonances, widths. Comparison with phase space calculations. JOUR PRVCA 78 044001
	2008JA03	NUCLEAR REACTIONS ^{1}H, ^{2}H(^{28}Si, X), E=200, 300 MeV / nucleon; measured σ, $\sigma(\theta)$. He, ^{12,14}N, ^{16}O, ^{18}F, ^{20}Ne, ^{22}Na, ^{24}Mg, ^{26}Al, ^{28}Si; measured momentum distributions, angular distributions; deduced single-event effects in microelectronics. JOUR PRVCA 77 044601
	2008SEZY	NUCLEAR REACTIONS ^{2}H(^{17}O, α^{14}N), E=41 MeV; measured cross section. ^{17}O(p, α); deduced cross section. Trojan Horse method. CONF Sapporo(OMEG07),P433,Sergi
^{14}O	2008FI07	RADIOACTIVITY ^{62}Ga(β^+); measured Eγ, Iγ, Eβ, $\beta\gamma$-coin, branching ratios; deduced ft values. ^{62}Zn; deduced levels, J, π. ^{10}C, ^{14}O, ^{22}Mg, ^{26m}Al, ^{34}Ca, ^{34}Ar, ^{38m}K, ^{42}Sc, ^{46}V, ^{50}Mn, ^{54}Co, ^{62}Ga, ^{74}Rb; systematics of superallowed β decays and ft values. JOUR PRVCA 78 025502
	2008FU07	NUCLEAR REACTIONS ^{14}O(α, α), E=2-5 MeV; measured σ, $\sigma(\theta)$. ^{18}Ne; deduced levels, J, π, resonance parameters, excitation spectrum. JOUR PRVCA 77 064314

A=14 *(continued)*

2008HAZZ RADIOACTIVITY ^{10}C, ^{14}O, ^{22}Mg, ^{26m}Al, ^{34}Cl, ^{34}Ar, ^{38m}K, ^{42}Sc, ^{46}V, ^{50}Mn, ^{54}Co, ^{62}Ga, ^{74}Rb; analyzed superallowed β-decay data. ^{34}Ar(β^+), (EC) [from ^{1}H(^{35}Cl, 2n), E=35 MeV / nucleon]; measured Eγ, Iγ, Eβ, $\beta\gamma$ coin; deduced β^++EC branches for superallowed β decay. CONF Sinaia(Exotic Nuclei and Nucl.Part.Astorphysics(II)) Proc.P119,Ha

2008MU13 RADIOACTIVITY ^{16}Ne, ^{19}Mg(2p); measured decay product trajectories, angular correlations, angular distributions, three-body correlations. ^{15}F, ^{16}Ne, ^{18}Na, ^{19}Mg; deduced levels, J, π. JOUR PRVCA 77 061303

2008WA09 NUCLEAR REACTIONS ^{2}H(^{12}C, ^{13}N), E=72 MeV; measured excitation function. ^{1}H(^{13}N, ^{13}N), E=47.8 MeV; measured proton energy, $\sigma(\theta)$. ^{13}N, ^{14}O; deduced levels, J, π, resonance parameters. JOUR PRVCA 77 044304

A=15

^{15}B 2008KO12 NUCLEAR REACTIONS ^{1}H(^{9}C, 2p), (^{10}C, 2p), (^{11}C, 2p), (^{12}C, 2p), (^{13}C, 2p), (^{14}C, 2p), (^{15}C, 2p), (^{16}C, 2p), E≈250 MeV / nucleon; measured Ep, Ip, proton yields, separation energy and momentum distributions. Inverse kinematics. JOUR NUPAB 805 431c

^{15}C 2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609

2008GA10 NUCLEAR REACTIONS ^{9}Be(^{36}Ar, X)^{19}F / ^{20}Ne / ^{21}Na / ^{22}Mg / ^{23}Al, E=130 MeV / nucleon; measured energy loss, intensities for reaction products. ^{9}Be(^{24}Si, X)^{23}Al / ^{23}Si, E=85.3 MeV / nucleon; measured single-particle cross sections, momentum distributions, spectroscopic factors. ^{9}Be(^{28}S, X)^{27}P, E=80.7 MeV / nucleon; measured Eγ, Iγ.^{9}Be(^{28}S, X)^{27}P / ^{27}S, E=80.7 MeV / nucleon; measured single particle cross sections, spectroscopic factors, momentum distributions. ^{7}Li, ^{8}B, ^{9,12,15}C, ^{16}O, ^{32,34,36}Ar, ^{24,30}Si, ^{26,28}S, ^{31}P, ^{40,48}Ca, ^{51}V, ^{90}Zr, ^{208}Pb; systematics of cross sections. JOUR PRVCA 77 044306

2008RE01 NUCLEAR REACTIONS ^{14}C(n, γ), E=10-1000 keV; measured neutron spectra, neutron flux, Eγ, Iγ, cross sections; deduced reaction rate. ^{15}C; measured half-life. JOUR PRVCA 77 015804

A=15 *(continued)*

^{15}N	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008BE18	NUCLEAR REACTIONS ^{14}N(n, γ), E=low; measured Eγ, Iγ using cold neutron source. ^{27}Al, ^{207}Pb(n, γ), E=thermal; calculated σ. Effect on PGAA results discussed. JOUR JRNCD 276 609
	2008BO24	NUCLEAR REACTIONS ^{4}He, ^{12}C(e, e'), E=1.6-2.5 GeV; ^{15}N(e, e'), E=2.285 GeV; measured σ. JOUR PRVCA 78 015202
	2008FIZZ	NUCLEAR REACTIONS ^{1,2}H, ^{6,7}Li, ^{9}Be, ^{10,11}B, ^{12,13}C, ^{14,15}N, ^{16}O, ^{19}F, ^{23,23m}Na, ^{24,25,26}Mg, ^{27}Al, ^{28,29,30}Si, ^{31}P, ^{32,33,34}S, ^{35,37}Cl, ^{39,40,41}K, ^{102,104,105,106,108,110}Pd(n, γ), E=thermal; measured cross sections; ^{10}B(n, α), E=thermal; measured cross sections; ^{25}Mg(n, γ), E=thermal;^{13}C(n, γ), E=thermal;^{105}Pd(n, γ), E=thermal; measured Eγ, Iγ; deduced cross section balance. compared experimental and calculated depopulation. CONF Yosemit(CNR 2007) Proc.P26,Firestone
	2008GU08	NUCLEAR REACTIONS ^{14}N(d, p), (d, α), E=0.7-2.2 keV; measured excitation functions. JOUR NIMBE 266 1206
	2008LA06	NUCLEAR REACTIONS ^{2}H(^{18}O, α^{15}N)n, E=54 MeV; measured charged particle spectra, angular and momentum distributions, cross sections; ^{18}O(p, α)^{15}N, E(cm)=0-1.5 MeV; deduced S-factor, reaction rate. Trojan Horse Method. JOUR JPGPE 35 014014
	2008LA13	NUCLEAR REACTIONS ^{2}H(^{18}O, nα), E=54 MeV; measured $\sigma(\theta$, E). ^{18}O(p, α), E=0-250 keV; deduced $\sigma(\theta)$. ^{19}F; deduced low lying resonance strengths. Discussed astrophysical implications. JOUR PRLTA 101 152501
	2008MI11	NUCLEAR REACTIONS ^{14}N(n, γ), E=thermal; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{15}N deduced absolute Iγ by intensity balance of each level. JOUR JNSTA 45 481
	2008TA06	NUCLEAR REACTIONS ^{7}Li, ^{12}C(π^+, K$^+$), E not given; measured Eγ, Iγ. ^{9}Be, ^{10}B, ^{13}C, ^{16}O(K$^-$, π^-), E not given; analyzed Eγ, Iγ. ^{7}Li, ^{9}Be, ^{10,11}B, ^{12,13}C, ^{15}N, ^{16}O deduced hypernuclei levels, J, π. Hyperball and Hyperball2 arrays. JOUR NUPAB 804 73
	2008UK01	NUCLEAR REACTIONS ^{16}O(K$^-$, $\pi^-\gamma$), (K$^-$, π^-p), E=900 MeV / c; measured Eγ, Iγ, $\gamma\gamma$-coin, angular distributions, B(M1), missing mass spectra. ^{16}O, ^{15}N; deduced levels, J, π of hypernuclei. Comparison with shell model calculations. JOUR PRVCA 77 054315

A=15 ***(continued)***

	2009CU01	NUCLEAR REACTIONS ^{16}O(^{18}O, ^{10}Be), (^{18}O, ^{19}F), E=80, 100 MeV; measured breakup fragment energies, yields, cross sections. JOUR JPGPE 36 015108
	2009CU01	RADIOACTIVITY ^{10}Be, ^{19}F(α); measured α-decay from excited states. JOUR JPGPE 36 015108
^{15}O	2007DE61	NUCLEAR REACTIONS ^{1}H(^{18}F, α), E=13.8 MeV; measured Eα, Iα, cross sections. JOUR ZSTNE 150 211
	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2007STZS	NUCLEAR REACTIONS ^{1}H(^{15}O, p), E=1.2 MeV / nucleon; measured Ep, Ip, $\sigma(\theta)$. CONF Lisbon (PROCON 2007),Proc.P205,Stefan
	2008MA36	NUCLEAR REACTIONS ^{14}N(p, γ), E=359, 380, 399 keV; measured Eγ, Iγ, σ ratios; deduced astrophysical S-factors. R-matrix analysis for capture to g.s. of ^{15}O. JOUR PRVCA 78 022802
	2008SC08	NUCLEAR REACTIONS ^{14}N(p, γ), E=318 keV; measured Eγ, Iγ, $\gamma\mp$coin, lifetimes using Doppler-shift attenuation method. ^{15}O; deduced levels, J, π, astrophysical S factors. ^{19}F(p, $\alpha\gamma$), E=318 keV; measured Eγ, Iγ. JOUR PRVCA 77 055803
	2008TR03	NUCLEAR REACTIONS ^{14}N(p, γ), E=360, 380, 400 keV; measured Eγ, Iγ, cross sections; deduced astrophysical S-factor. Comparisons with existing data. R-matrix analysis. JOUR JPGPE 35 014019
^{15}F	2008MU13	RADIOACTIVITY ^{16}Ne, ^{19}Mg(2p); measured decay product trajectories, angular correlations, angular distributions, three-body correlations. ^{15}F, ^{16}Ne, ^{18}Na, ^{19}Mg; deduced levels, J, π. JOUR PRVCA 77 061303

A=16

^{16}C	2007ONZZ	NUCLEAR REACTIONS ^{9}Be(^{18}C, ^{18}C'), (^{18}C, 2n^{16}C'), E=79 MeV / nucleon; ^{9}Be(^{16}C, ^{16}C'), E=40, 72 MeV / nucleon; measured Eγ, Iγ, angular distributions, and lifetimes using the RSM method. ^{18,16}C; deduced B(E2). REPT RIKEN-NC-NP-16,Ong
	2008GIZZ	NUCLEAR REACTIONS ^{9}Be(^{9}Be, pγ), (^{9}Be, 2p), (^{9}Be, α), E=30, 35, 40 MeV; ^{18}O(^{11}B, p), (^{11}B, 2p), (^{11}B, α), E=50, 55, 60 MeV; ^{18}O(^{12}C, p), (^{12}C, 2p), (^{12}C, α), E=50, 55, 60 MeV; measured Eγ, Iγ, yields. CONF Yosemit(CNR 2007) Proc.P77,Gibelin

A=16 *(continued)*

	2008ON02	NUCLEAR REACTIONS ^{9}Be(^{16}C, ^{16}C'), E=40 MeV / nucleon;^{9}Be(^{18}C, ^{18}C'), (^{18}C, ^{11}Be), (^{18}C, ^{16}N), E=79 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives using recoil shadow method. ^{11}Be, ^{16}N, ^{16,18}C; deduced levels, J, π, B(E2). ^{14}C, ^{16,18,20,22}O, ^{34}Si, ^{38,40,46,48}Ca; comparison of B(E2) values. JOUR PRVCA 78 014308
	2008WI04	NUCLEAR REACTIONS ^{9}Be(^{9}Be, 2p), E=40 MeV; measured Eγ, Iγ, charged particles. ^{16}C; deduced levels, lifetimes, B(E2). JOUR PRLTA 100 152501
^{16}N	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2007TA34	RADIOACTIVITY ^{16}N(β^-), ($\beta^-\alpha$); measured Eα, Iα, ^{12}Cα-coin. ^{12}C(α, γ); deduced astrophysical S-factor. JOUR PRLTA 99 052502
	2008BU12	RADIOACTIVITY ^{22}Na(β^+), ^{198}Au(β^-); measured $T_{1/2}$, temperature dependence not observed. ^{16}N(β^-); calculated β-delayed Eα, Iα using GEANT4 code. JOUR NUPAB 805 462c
	2008FIZZ	NUCLEAR REACTIONS ^{1,2}H, ^{6,7}Li, ^{9}Be, ^{10,11}B, ^{12,13}C, ^{14,15}N, ^{16}O, ^{19}F, ^{23,23m}Na, ^{24,25,26}Mg, ^{27}Al, ^{28,29,30}Si, ^{31}P, ^{32,33,34}S, ^{35,37}Cl, ^{39,40,41}K, ^{102,104,105,106,108,110}Pd(n, γ), E=thermal; measured cross sections; ^{10}B(n, α), E=thermal; measured cross sections; ^{25}Mg(n, γ), E=thermal;^{13}C(n, γ), E=thermal;^{105}Pd(n, γ), E=thermal; measured Eγ, Iγ; deduced cross section balance. compared experimental and calculated depopulation. CONF Yosemit(CNR 2007) Proc.P26,Firestone
	2008LE08	NUCLEAR REACTIONS ^{9}Be, ^{12}C, ^{16}O(e, e'K$^+$), E=3.66 GeV; measured hypernuclei production excitation spectra, σ(E), missing mass spectra. ^{12}B, ^{16}N deduced hypernuclei levels, J, π. JOUR NUPAB 804 116
	2008ON02	NUCLEAR REACTIONS ^{9}Be(^{16}C, ^{16}C'), E=40 MeV / nucleon;^{9}Be(^{18}C, ^{18}C'), (^{18}C, ^{11}Be), (^{18}C, ^{16}N), E=79 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives using recoil shadow method. ^{11}Be, ^{16}N, ^{16,18}C; deduced levels, J, π, B(E2). ^{14}C, ^{16,18,20,22}O, ^{34}Si, ^{38,40,46,48}Ca; comparison of B(E2) values. JOUR PRVCA 78 014308
^{16}O	2007AM10	NUCLEAR REACTIONS ^{12}C(^{7}Be, ^{3}He), E=34 MeV; measured σ and angular distributions. JOUR ZSTNE 150 1
	2007CAZT	RADIOACTIVITY ^{18}Ne(p), (2p) [from ^{9}Be(^{20}Ne, X)^{18}Ne, E=45 MeV / nucleon]; measured Ep, Ip, p(θ). CONF Lisbon (PROCON 2007),Proc.P105,Cardella

A=16 ***(continued)***

2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609

2007RA36 RADIOACTIVITY ^{18}Ne(2p); measured decay proton energies and yields. JOUR ZSTNE 150 169

2007TA34 RADIOACTIVITY ^{16}N(β^-), ($\beta^-\alpha$); measured Eα, Iα, ^{12}Cα-coin. ^{12}C(α, γ); deduced astrophysical S-factor. JOUR PRLTA 99 052502

2008BU12 NUCLEAR REACTIONS ^{4}He(^{12}C, γ), E not given; ^{1}H(^{26}Al, γ), E not given; ^{4}He(^{40}Ca, γ), E(cm)=2.18-4.15 MeV; measured Eγ, Iγ; deduced astrophysical S-factor. JOUR NUPAB 805 462c

2008BU12 RADIOACTIVITY ^{22}Na(β^+), ^{198}Au(β^-); measured $T_{1/2}$, temperature dependence not observed. ^{16}N(β^-); calculated β-delayed Eα, Iα using GEANT4 code. JOUR NUPAB 805 462c

2008BUZX NUCLEAR REACTIONS ^{15}N(^{3}He, d), E=25.74 MeV; measured reaction product spectra, $\sigma(\theta)$; deduced spectroscopic factors, proton ANC; ^{15}N(p, γ); deduced astrophysical S-factor. CONF Crete(FINUSTAR 2),Proc.P323,Burjan

2008CO03 NUCLEAR REACTIONS ^{19}F(p, γ), E(cm)=200-700 keV; measured Eγ, Iγ, resonance parameters, interference signs. ^{20}Ne, ^{16}O, ^{19}F; deduced levels, J, π. JOUR PRVCA 77 015802

2008FUZZ NUCLEAR REACTIONS ^{4}He(^{14}O, p), (^{14}O, 2p), E=32.7 MeV; measured Ep, Ip, pp-coin; ^{18}Ne; deduced 2p decay cross sections. CONF Yosemit(CNR 2007) Proc.P144,Fu

2008GA10 NUCLEAR REACTIONS ^{9}Be(^{36}Ar, X)^{19}F / ^{20}Ne / ^{21}Na / ^{22}Mg / ^{23}Al, E=130 MeV / nucleon; measured energy loss, intensities for reaction products. ^{9}Be(^{24}Si, X)^{23}Al / ^{23}Si, E=85.3 MeV / nucleon; measured single-particle cross sections, momentum distributions, spectroscopic factors. ^{9}Be(^{28}S, X)^{27}P, E=80.7 MeV / nucleon; measured Eγ, Iγ.^{9}Be(^{28}S, X)^{27}P / ^{27}S, E=80.7 MeV / nucleon; measured single particle cross sections, spectroscopic factors, momentum distributions. ^{7}Li, ^{8}B, ^{9,12,15}C, ^{16}O, ^{32,34,36}Ar, ^{24,30}Si, ^{26,28}S, ^{31}P, ^{40,48}Ca, ^{51}V, ^{90}Zr, ^{208}Pb; systematics of cross sections. JOUR PRVCA 77 044306

2008HE11 NUCLEAR REACTIONS ^{13}C(α, n), E(cm)=320-700 keV; ^{13}C(α, α), E=2.6-6.2 MeV; measured radii, σ, $\sigma(\theta)$, S-factor. ^{17}O; deduced levels, J, π, resonance parameters.^{16}O(n, n), (n, $\alpha\gamma$); analyzed σ. R-matrix analysis. JOUR PRVCA 78 025803

A=16 ***(continued)***

2008JA03 NUCLEAR REACTIONS ^{1}H, ^{2}H(^{28}Si, X), E=200, 300 MeV / nucleon; measured σ, $\sigma(\theta)$. He, ^{12,14}N, ^{16}O, ^{18}F, ^{20}Ne, ^{22}Na, ^{24}Mg, ^{26}Al, ^{28}Si; measured momentum distributions, angular distributions; deduced single-event effects in microelectronics. JOUR PRVCA 77 044601

2008MAZR NUCLEAR REACTIONS ^{12}C(α, γ), E(cm)=1.4 MeV; measured Eγ, I$\gamma(\theta)$, cross sections. CONF Sapporo(OMEG07),P215,Makii

2008MU15 NUCLEAR REACTIONS ^{15}N(^{3}He, d), E=25.74 MeV; measured deuteron spectra, asymptotic normalization coefficients, angular distributions. ^{15}N(p, γ), (p, α); deduced astrophysical S-factors, resonance parameters. JOUR PRVCA 78 015804

2008OH02 NUCLEAR REACTIONS ^{56}Fe, ^{89}Y, ^{208}Pb(n, n), E=96 MeV; measured $\sigma(\theta)$; ^{12}C, ^{16}O; systematics, compared with Wick's limit. JOUR PRVCA 77 024605

2008ON02 NUCLEAR REACTIONS ^{9}Be(^{16}C, ^{16}C'), E=40 MeV / nucleon;^{9}Be(^{18}C, ^{18}C'), (^{18}C, ^{11}Be), (^{18}C, ^{16}N), E=79 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives using recoil shadow method. ^{11}Be, ^{16}N, ^{16,18}C; deduced levels, J, π, B(E2). ^{14}C, ^{16,18,20,22}O, ^{34}Si, ^{38,40,46,48}Ca; comparison of B(E2) values. JOUR PRVCA 78 014308

2008PE09 NUCLEAR REACTIONS ^{13}C(^{7}Li, t), (^{7}Li, ^{7}Li), E=28, 34 MeV; measured $\sigma(\theta)$. ^{17}O; deduced levels, J, α spectroscopic factors, asymptotic normalization factors. ^{12}C(^{7}Li, t), (^{7}Li, ^{7}Li), E=28 MeV; measured yields. ^{13}C(α, n); deduced astrophysical S-factor, reaction rates. Comparison with recommended values. DWBA analysis. JOUR PRVCA 77 042801

2008SC08 NUCLEAR REACTIONS ^{14}N(p, γ), E=318 keV; measured Eγ, Iγ, $\gamma\mp$coin, lifetimes using Doppler-shift attenuation method. ^{15}O; deduced levels, J, π, astrophysical S factors. ^{19}F(p, $\alpha\gamma$), E=318 keV; measured Eγ, Iγ. JOUR PRVCA 77 055803

2008SFZZ RADIOACTIVITY ^{18}Ne(2p); measured Ep, Ip, (fragment)proton-coin, correlations;^{18}Ne; deduced level energies. CONF Crete(FINUSTAR 2),Proc.P208,Sfienti

2008SH12 NUCLEAR REACTIONS ^{186}W(^{18}O, ^{17}O), E=180 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{187}W; deduced levels, J, π, band structures and configurations. ^{16,17,18,19}O; measured ion energy losses. JOUR PRVCA 77 047303

2008ST11 NUCLEAR REACTIONS ^{24}Mg(α, γ), E=1.0-1.5 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, branching ratios, resonance strengths. ^{28}Si; deduced levels, J, π, reaction rates. ^{13}C, ^{17}O, ^{21,22}Ne, ^{25}Mg(α, n); ^{16}O, ^{20}Ne(α, γ); ^{23}Na, ^{24}Mg, ^{27}Al(p, γ); ^{23}Na, ^{24}Mg, ^{27}Al, ^{28}Si(n, γ); ^{25}Al(γ, p); ^{27}Al(p, α); analyzed reaction rates. JOUR PRVCA 77 055801

2008TA06 NUCLEAR REACTIONS ^{7}Li, ^{12}C(π^+, K$^+$), E not given; measured Eγ, Iγ. ^{9}Be, ^{10}B, ^{13}C, ^{16}O(K$^-$, π^-), E not given; analyzed Eγ, Iγ. ^{7}Li, ^{9}Be, ^{10,11}B, ^{12,13}C, ^{15}N, ^{16}O deduced hypernuclei levels, J, π. Hyperball and Hyperball2 arrays. JOUR NUPAB 804 73

2008TA15 NUCLEAR REACTIONS ^{1}H, ^{16}O, ^{23}Na, ^{27}Al, ^{28}Si(n, n'), (n, γ), E=14 MeV; measured Eγ, Iγ using a NaI(Tl) detector with multiple time-gated system for use with complex samples. JOUR JRNCD 276 639

A=16 *(continued)*

	2008UK01	NUCLEAR REACTIONS ^{16}O(K$^-$, $\pi^-\gamma$), (K$^-$, π^-p), E=900 MeV / c; measured Eγ, Iγ, $\gamma\gamma$-coin, angular distributions, B(M1), missing mass spectra. ^{16}O, ^{15}N; deduced levels, J, π of hypernuclei. Comparison with shell model calculations. JOUR PRVCA 77 054315
^{16}Ne	2008MU13	RADIOACTIVITY ^{16}Ne, ^{19}Mg(2p); measured decay product trajectories, angular correlations, angular distributions, three-body correlations. ^{15}F, ^{16}Ne, ^{18}Na, ^{19}Mg; deduced levels, J, π. JOUR PRVCA 77 061303

A=17

^{17}C	2008SA03	NUCLEAR REACTIONS ^{1}H(^{19}C, ^{18}C), (^{19}C, ^{16}C), (^{17}C, ^{16}C), E=70 MeV / nucleon; measured σ, $\sigma(\theta)$, relative energy spectra. ^{17,19}C deduced level energies, J, π using DWBA analysis. JOUR PYLBB 660 320
	2008SAZZ	NUCLEAR REACTIONS ^{1}H(^{17}C, X), (^{19}C, X), E=70 MeV / nucleon; measured fragment energies, yields, neutron-fragment-coinc, $\sigma(\theta)$. ^{17}C, ^{19}C; deduced levels, J, π. REPT RIKEN-NC-NP-18,Satou
	2008ST18	NUCLEAR REACTIONS C(^{24}F, X), (^{25}Ne, X), (^{26}Ne, X), (^{27}Na, X), (^{28}Na, X), (^{29}Mg, X), (^{30}Mg, X), E=54-65 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin. ^{17,18,19,20}C; deduced levels, J, π. Comparisons with shell-model calculations. JOUR PRVCA 78 034315
	2008SU12	NUCLEAR REACTIONS ^{9}Be(^{18}C, n^{17}C), E not given; measured Eγ, Iγ, lifetimes of low lying states using recoil shadow method. ^{17}C; deduced B(M1). JOUR PYLBB 666 222
	2008WI05	NUCLEAR REACTIONS ^{9}Be(^{11}B, 2p), E=50 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (2p)γ-coin, lifetimes. ^{18}N; deduced levels, J, π, configurations. ^{17}C, ^{18}N, ^{19}O; systematics. Comparison with model calculations. JOUR PRVCA 77 054305
^{17}N	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008GIZZ	NUCLEAR REACTIONS ^{9}Be(^{9}Be, pγ), (^{9}Be, 2p), (^{9}Be, α), E=30, 35, 40 MeV; ^{18}O(^{11}B, p), (^{11}B, 2p), (^{11}B, α), E=50, 55, 60 MeV; ^{18}O(^{12}C, p), (^{12}C, 2p), (^{12}C, α), E=50, 55, 60 MeV; measured Eγ, Iγ, yields. CONF Yosemit(CNR 2007) Proc.P77,Gibelin

A=17 ***(continued)***

^{17}O	2007NA26	NUCLEAR REACTIONS ^{18}O(n, γ), E=thermal; measured Eγ, Iγ, $\gamma\gamma$-coin, cross sections; deduced levels, J, π, configurations, B(E1). ^{13}C, ^{17,19}O; systematics. JOUR PRVCA 76 051301
	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008CR03	NUCLEAR REACTIONS ^{12}C(^{7}Li, d), E=34 MeV; measured deuteron spectra, angular distributions. ^{12}C(^{6}Li, p), E=32 MeV; measured proton spectra, angular distributions. ^{17}O; deduced levels, J, π, level widths, σ. DWBA analysis. JOUR PRVCA 77 044315
	2008FIZZ	NUCLEAR REACTIONS ^{1,2}H, ^{6,7}Li, ^{9}Be, ^{10,11}B, ^{12,13}C, ^{14,15}N, ^{16}O, ^{19}F, ^{23,23m}Na, ^{24,25,26}Mg, ^{27}Al, ^{28,29,30}Si, ^{31}P, ^{32,33,34}S, ^{35,37}Cl, ^{39,40,41}K, ^{102,104,105,106,108,110}Pd(n, γ), E=thermal; measured cross sections; ^{10}B(n, α), E=thermal; measured cross sections; ^{25}Mg(n, γ), E=thermal;^{13}C(n, γ), E=thermal;^{105}Pd(n, γ), E=thermal; measured Eγ, Iγ; deduced cross section balance. compared experimental and calculated depopulation. CONF Yosemit(CNR 2007) Proc.P26,Firestone
	2008HE11	NUCLEAR REACTIONS ^{13}C(α, n), E(cm)=320-700 keV; ^{13}C(α, α), E=2.6-6.2 MeV; measured radii, σ, $\sigma(\theta)$, S-factor. ^{17}O; deduced levels, J, π, resonance parameters.^{16}O(n, n), (n, $\alpha\gamma$); analyzed σ. R-matrix analysis. JOUR PRVCA 78 025803
	2008OH05	NUCLEAR REACTIONS ^{18}O(n, γ), E=10-80 keV; measured Eγ, Iγ, σ_γ. ^{19}O; deduced levels, J, π. Comparison with theory. ^{13}C, ^{17}O, ^{18}O; systematics. JOUR PRVCA 77 051303
	2008PE09	NUCLEAR REACTIONS ^{13}C(^{7}Li, t), (^{7}Li, ^{7}Li), E=28, 34 MeV; measured $\sigma(\theta)$. ^{17}O; deduced levels, J, α spectroscopic factors, asymptotic normalization factors. ^{12}C(^{7}Li, t), (^{7}Li, ^{7}Li), E=28 MeV; measured yields. ^{13}C(α, n); deduced astrophysical S-factor, reaction rates. Comparison with recommended values. DWBA analysis. JOUR PRVCA 77 042801
	2008SH12	NUCLEAR REACTIONS ^{186}W(^{18}O, ^{17}O), E=180 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{187}W; deduced levels, J, π, band structures and configurations. ^{16,17,18,19}O; measured ion energy losses. JOUR PRVCA 77 047303

A=17 *(continued)*

	2008TA15	NUCLEAR REACTIONS ^{1}H, ^{16}O, ^{23}Na, ^{27}Al, ^{28}Si(n, n'), (n, γ), E=14 MeV; measured Eγ, Iγ using a NaI(Tl) detector with multiple time-gated system for use with complex samples. JOUR JRNCD 276 639
^{17}F	2007CAZT	RADIOACTIVITY ^{18}Ne(p), (2p) [from ^{9}Be(^{20}Ne, X)^{18}Ne, E=45 MeV / nucleon]; measured Ep, Ip, p(θ). CONF Lisbon (PROCON 2007),Proc.P105,Cardella
	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008FUZZ	NUCLEAR REACTIONS ^{4}He(^{14}O, p), (^{14}O, 2p), E=32.7 MeV; measured Ep, Ip, pp-coin; ^{18}Ne; deduced 2p decay cross sections. CONF Yosemit(CNR 2007) Proc.P144,Fu
^{17}Ne	2007MUZT	RADIOACTIVITY ^{19}Mg(2p) [from ^{9}Be(^{24}Mg, xpyn)^{19}Mg, E=591 MeV / nucleon]; measured Ep, Ip, p-p coin. ^{19}Mg; deduced (2p) decay, $T_{1/2}$. CONF Lisbon (PROCON 2007),Proc.P93,Mukha
	2008MU13	RADIOACTIVITY ^{16}Ne, ^{19}Mg(2p); measured decay product trajectories, angular correlations, angular distributions, three-body correlations. ^{15}F, ^{16}Ne, ^{18}Na, ^{19}Mg; deduced levels, J, π. JOUR PRVCA 77 061303

A=18

^{18}C	2007ONZZ	NUCLEAR REACTIONS ^{9}Be(^{18}C, ^{18}C'), (^{18}C, 2n^{16}C'), E=79 MeV / nucleon; ^{9}Be(^{16}C, ^{16}C'), E=40, 72 MeV / nucleon; measured Eγ, Iγ, angular distributions, and lifetimes using the RSM method. ^{18,16}C; deduced B(E2). REPT RIKEN-NC-NP-16,Ong
	2008ON02	NUCLEAR REACTIONS ^{9}Be(^{16}C, ^{16}C'), E=40 MeV / nucleon;^{9}Be(^{18}C, ^{18}C'), (^{18}C, ^{11}Be), (^{18}C, ^{16}N), E=79 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives using recoil shadow method. ^{11}Be, ^{16}N, ^{16,18}C; deduced levels, J, π, B(E2). ^{14}C, ^{16,18,20,22}O, ^{34}Si, ^{38,40,46,48}Ca; comparison of B(E2) values. JOUR PRVCA 78 014308
	2008ST18	NUCLEAR REACTIONS C(^{24}F, X), (^{25}Ne, X), (^{26}Ne, X), (^{27}Na, X), (^{28}Na, X), (^{29}Mg, X), (^{30}Mg, X), E=54-65 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin. ^{17,18,19,20}C; deduced levels, J, π. Comparisons with shell-model calculations. JOUR PRVCA 78 034315

A=18 *(continued)*

^{18}N	2008WI05	NUCLEAR REACTIONS ^{9}Be(^{11}B, 2p), E=50 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (2p)γ-coin, lifetimes. ^{18}N; deduced levels, J, π, configurations. ^{17}C, ^{18}N, ^{19}O; systematics. Comparison with model calculations. JOUR PRVCA 77 054305
^{18}O	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008OH05	NUCLEAR REACTIONS ^{18}O(n, γ), E=10-80 keV; measured Eγ, Iγ, σ_γ. ^{19}O; deduced levels, J, π. Comparison with theory. ^{13}C, ^{17}O, ^{18}O; systematics. JOUR PRVCA 77 051303
	2008ON02	NUCLEAR REACTIONS ^{9}Be(^{16}C, ^{16}C'), E=40 MeV / nucleon;^{9}Be(^{18}C, ^{18}C'), (^{18}C, ^{11}Be), (^{18}C, ^{16}N), E=79 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives using recoil shadow method. ^{11}Be, ^{16}N, ^{16,18}C; deduced levels, J, π, B(E2). ^{14}C, ^{16,18,20,22}O, ^{34}Si, ^{38,40,46,48}Ca; comparison of B(E2) values. JOUR PRVCA 78 014308
	2008SH12	NUCLEAR REACTIONS ^{186}W(^{18}O, ^{17}O), E=180 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{187}W; deduced levels, J, π, band structures and configurations. ^{16,17,18,19}O; measured ion energy losses. JOUR PRVCA 77 047303
^{18}F	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008JA03	NUCLEAR REACTIONS ^{1}H, ^{2}H(^{28}Si, X), E=200, 300 MeV / nucleon; measured σ, $\sigma(\theta)$. He, ^{12,14}N, ^{16}O, ^{18}F, ^{20}Ne, ^{22}Na, ^{24}Mg, ^{26}Al, ^{28}Si; measured momentum distributions, angular distributions; deduced single-event effects in microelectronics. JOUR PRVCA 77 044601

A=18 *(continued)*

^{18}Ne	2007CAZT	RADIOACTIVITY ^{18}Ne(p), (2p) [from ^{9}Be(^{20}Ne, X)^{18}Ne, E=45 MeV / nucleon]; measured Ep, Ip, p(θ). CONF Lisbon (PROCON 2007),Proc.P105,Cardella
	2007RA36	RADIOACTIVITY ^{18}Ne(2p); measured decay proton energies and yields. JOUR ZSTNE 150 169
	2008FU07	NUCLEAR REACTIONS ^{14}O(α, α), E=2-5 MeV; measured σ, $\sigma(\theta)$. ^{18}Ne; deduced levels, J, π, resonance parameters, excitation spectrum. JOUR PRVCA 77 064314
	2008FUZZ	NUCLEAR REACTIONS ^{4}He(^{14}O, p), (^{14}O, 2p), E=32.7 MeV; measured Ep, Ip, pp-coin; ^{18}Ne; deduced 2p decay cross sections. CONF Yosemit(CNR 2007) Proc.P144,Fu
	2008SFZZ	RADIOACTIVITY ^{18}Ne(2p); measured Ep, Ip, (fragment)proton-coin, correlations;^{18}Ne; deduced level energies. CONF Crete(FINUSTAR 2),Proc.P208,Sfienti
^{18}Na	2008MU13	RADIOACTIVITY ^{16}Ne, ^{19}Mg(2p); measured decay product trajectories, angular correlations, angular distributions, three-body correlations. ^{15}F, ^{16}Ne, ^{18}Na, ^{19}Mg; deduced levels, J, π. JOUR PRVCA 77 061303

A=19

^{19}C	2008SA03	NUCLEAR REACTIONS ^{1}H(^{19}C, ^{18}C), (^{19}C, ^{16}C), (^{17}C, ^{16}C), E=70 MeV / nucleon; measured σ, $\sigma(\theta)$, relative energy spectra. ^{17,19}C deduced level energies, J, π using DWBA analysis. JOUR PYLBB 660 320
	2008SAZZ	NUCLEAR REACTIONS ^{1}H(^{17}C, X), (^{19}C, X), E=70 MeV / nucleon; measured fragment energies, yields, neutron-fragment-coinc, $\sigma(\theta)$. ^{17}C, ^{19}C; deduced levels, J, π. REPT RIKEN-NC-NP-18,Satou
	2008ST18	NUCLEAR REACTIONS C(^{24}F, X), (^{25}Ne, X), (^{26}Ne, X), (^{27}Na, X), (^{28}Na, X), (^{29}Mg, X), (^{30}Mg, X), E=54-65 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin. ^{17,18,19,20}C; deduced levels, J, π. Comparisons with shell-model calculations. JOUR PRVCA 78 034315
^{19}N	2008SO09	NUCLEAR REACTIONS ^{9}Be, ^{12}C(^{36}S, X), E=77.5 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{19,20,21,22}N; deduced levels, J, π. Comparison with shell-model calculations, based on WBT and WBTM interactions. JOUR PRVCA 77 044303
^{19}O	2007NA26	NUCLEAR REACTIONS ^{18}O(n, γ), E=thermal; measured Eγ, Iγ, $\gamma\gamma$-coin, cross sections; deduced levels, J, π, configurations, B(E1). ^{13}C, ^{17,19}O; systematics. JOUR PRVCA 76 051301

A=19 ***(continued)***

2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609

2008OH05 NUCLEAR REACTIONS ^{18}O(n, γ), E=10-80 keV; measured Eγ, Iγ, σ_γ. ^{19}O; deduced levels, J, π. Comparison with theory. ^{13}C, ^{17}O, ^{18}O; systematics. JOUR PRVCA 77 051303

2008SH12 NUCLEAR REACTIONS ^{186}W(^{18}O, ^{17}O), E=180 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{187}W; deduced levels, J, π, band structures and configurations. ^{16,17,18,19}O; measured ion energy losses. JOUR PRVCA 77 047303

2008WI05 NUCLEAR REACTIONS ^{9}Be(^{11}B, 2p), E=50 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (2p)γ-coin, lifetimes. ^{18}N; deduced levels, J, π, configurations. ^{17}C, ^{18}N, ^{19}O; systematics. Comparison with model calculations. JOUR PRVCA 77 054305

^{19}F 2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609

2008CO03 NUCLEAR REACTIONS ^{19}F(p, γ), E(cm)=200-700 keV; measured Eγ, Iγ, resonance parameters, interference signs. ^{20}Ne, ^{16}O, ^{19}F; deduced levels, J, π. JOUR PRVCA 77 015802

A=19 ***(continued)***

	2008GA10	NUCLEAR REACTIONS ^{9}Be(^{36}Ar, X)^{19}F / ^{20}Ne / ^{21}Na / ^{22}Mg / ^{23}Al, E=130 MeV / nucleon; measured energy loss, intensities for reaction products. ^{9}Be(^{24}Si, X)^{23}Al / ^{23}Si, E=85.3 MeV / nucleon; measured single-particle cross sections, momentum distributions, spectroscopic factors. ^{9}Be(^{28}S, X)^{27}P, E=80.7 MeV / nucleon; measured Eγ, Iγ.^{9}Be(^{28}S, X)^{27}P / ^{27}S, E=80.7 MeV / nucleon; measured single particle cross sections, spectroscopic factors, momentum distributions. ^{7}Li, ^{8}B, ^{9,12,15}C, ^{16}O, ^{32,34,36}Ar, ^{24,30}Si, ^{26,28}S, ^{31}P, ^{40,48}Ca, ^{51}V, ^{90}Zr, ^{208}Pb; systematics of cross sections. JOUR PRVCA 77 044306
	2008LA13	NUCLEAR REACTIONS ^{2}H(^{18}O, nα), E=54 MeV; measured $\sigma(\theta$, E). ^{18}O(p, α), E=0-250 keV; deduced $\sigma(\theta)$. ^{19}F; deduced low lying resonance strengths. Discussed astrophysical implications. JOUR PRLTA 101 152501
	2009CU01	RADIOACTIVITY ^{10}Be, ^{19}F(α); measured α-decay from excited states. JOUR JPGPE 36 015108
^{19}Ne	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2007PEZV	NUCLEAR REACTIONS ^{1}H(^{18}Ne, ^{18}Ne'), E(cm)=2.6-3.4 MeV; measured recoil Ep, Ip. ^{19}Ne; deduced levels. CONF Lisbon (PROCON 2007),Proc.P181,Pellegriti
	2008MY01	NUCLEAR REACTIONS ^{3}He(^{20}Ne, α), E=34 MeV; measured Eγ, Iγ, $\gamma\alpha$-coin, α-spectra, lifetimes using Doppler Shift Attenuation Method; ^{19}Ne; deduced levels, J, π. ^{15}O(α, γ)^{19}Ne; deduced reactions rates. JOUR PRVCA 77 035803
^{19}Na	2008PE02	NUCLEAR REACTIONS ^{1}H(^{18}Ne, ^{18}Ne), (^{18}Ne, ^{18}Ne'), E=66 MeV; measured $\sigma(\theta)$, proton spectra. ^{19}Na deduced levels, J, π. Microscopic cluster model and R-matrix analysis. JOUR PYLBB 659 864
^{19}Mg	2007MUZT	RADIOACTIVITY ^{19}Mg(2p) [from ^{9}Be(^{24}Mg, xpyn)^{19}Mg, E=591 MeV / nucleon]; measured Ep, Ip, p-p coin. ^{19}Mg; deduced (2p) decay, $T_{1/2}$. CONF Lisbon (PROCON 2007),Proc.P93,Mukha
	2008MU13	RADIOACTIVITY ^{16}Ne, ^{19}Mg(2p); measured decay product trajectories, angular correlations, angular distributions, three-body correlations. ^{15}F, ^{16}Ne, ^{18}Na, ^{19}Mg; deduced levels, J, π. JOUR PRVCA 77 061303

A=20

^{20}C	2008ST18	NUCLEAR REACTIONS C(^{24}F, X), (^{25}Ne, X), (^{26}Ne, X), (^{27}Na, X), (^{28}Na, X), (^{29}Mg, X), (^{30}Mg, X), E=54-65 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin. ^{17,18,19,20}C; deduced levels, J, π. Comparisons with shell-model calculations. JOUR PRVCA 78 034315
^{20}N	2008SO09	NUCLEAR REACTIONS ^{9}Be, ^{12}C(^{36}S, X), E=77.5 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{19,20,21,22}N; deduced levels, J, π. Comparison with shell-model calculations, based on WBT and WBTM interactions. JOUR PRVCA 77 044303
^{20}O	2008ON02	NUCLEAR REACTIONS ^{9}Be(^{16}C, ^{16}C'), E=40 MeV / nucleon;^{9}Be(^{18}C, ^{18}C'), (^{18}C, ^{11}Be), (^{18}C, ^{16}N), E=79 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives using recoil shadow method. ^{11}Be, ^{16}N, ^{16,18}C; deduced levels, J, π, B(E2). ^{14}C, ^{16,18,20,22}O, ^{34}Si, ^{38,40,46,48}Ca; comparison of B(E2) values. JOUR PRVCA 78 014308
^{20}F	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2007NA39	NUCLEAR MOMENTS ^{20}F(β^-); measured β angular distribution from nuclear spin aligned nuclei. JOUR HYIND 180 75
	2007NAZT	RADIOACTIVITY ^{20}F(β^-) [from ^{19}F(d(pol), p)^{20}F]; measured I$\beta(\theta$, H, t) from polarized source; deduced alignment term. CONF Kyoto(Spin Physics) Proc.P226,Nagatomo
	2008FIZZ	NUCLEAR REACTIONS ^{1,2}H, ^{6,7}Li, ^{9}Be, ^{10,11}B, ^{12,13}C, ^{14,15}N, ^{16}O, ^{19}F, ^{23,23m}Na, ^{24,25,26}Mg, ^{27}Al, ^{28,29,30}Si, ^{31}P, ^{32,33,34}S, ^{35,37}Cl, ^{39,40,41}K, ^{102,104,105,106,108,110}Pd(n, γ), E=thermal; measured cross sections; ^{10}B(n, α), E=thermal; measured cross sections; ^{25}Mg(n, γ), E=thermal;^{13}C(n, γ), E=thermal;^{105}Pd(n, γ), E=thermal; measured Eγ, Iγ; deduced cross section balance. compared experimental and calculated depopulation. CONF Yosemit(CNR 2007) Proc.P26,Firestone
^{20}Ne	2006KO63	RADIOACTIVITY ^{26m}Al, ^{38m}K(β^+); measured recoil energy spectrum in β decay, $\beta\nu(\theta)$. ^{20}Ne, ^{23}Na, ^{39}K; measured excitation, and ion beam properties on the WITCH set-up. Penning trap method. ^{35}Ar; measured half-life and time-of-flight spectrum. JOUR IMSPF 251 159

A=20 ***(continued)***

2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609

2007NA39 NUCLEAR MOMENTS ^{20}F(β^-); measured β angular distribution from nuclear spin aligned nuclei. JOUR HYIND 180 75

2007NAZT RADIOACTIVITY ^{20}F(β^-) [from ^{19}F(d(pol), p)^{20}F]; measured Iβ(θ, H, t) from polarized source; deduced alignment term. CONF Kyoto(Spin Physics) Proc.P226,Nagatomo

2007NAZT RADIOACTIVITY ^{20}Na(β^+); measured Iβ(θ, H, t) from polarized source; deduced alignment term. CONF Kyoto(Spin Physics) Proc.P226,Nagatomo

2008CO03 NUCLEAR REACTIONS ^{19}F(p, γ), E(cm)=200-700 keV; measured Eγ, Iγ, resonance parameters, interference signs. ^{20}Ne, ^{16}O, ^{19}F; deduced levels, J, π. JOUR PRVCA 77 015802

2008GA10 NUCLEAR REACTIONS ^{9}Be(^{36}Ar, X)^{19}F / ^{20}Ne / ^{21}Na / ^{22}Mg / ^{23}Al, E=130 MeV / nucleon; measured energy loss, intensities for reaction products. ^{9}Be(^{24}Si, X)^{23}Al / ^{23}Si, E=85.3 MeV / nucleon; measured single-particle cross sections, momentum distributions, spectroscopic factors. ^{9}Be(^{28}S, X)^{27}P, E=80.7 MeV / nucleon; measured Eγ, Iγ.^{9}Be(^{28}S, X)^{27}P / ^{27}S, E=80.7 MeV / nucleon; measured single particle cross sections, spectroscopic factors, momentum distributions. ^{7}Li, ^{8}B, ^{9,12,15}C, ^{16}O, ^{32,34,36}Ar, ^{24,30}Si, ^{26,28}S, ^{31}P, ^{40,48}Ca, ^{51}V, ^{90}Zr, ^{208}Pb; systematics of cross sections. JOUR PRVCA 77 044306

2008JA03 NUCLEAR REACTIONS ^{1}H, ^{2}H(^{28}Si, X), E=200, 300 MeV / nucleon; measured σ, $\sigma(\theta)$. He, ^{12,14}N, ^{16}O, ^{18}F, ^{20}Ne, ^{22}Na, ^{24}Mg, ^{26}Al, ^{28}Si; measured momentum distributions, angular distributions; deduced single-event effects in microelectronics. JOUR PRVCA 77 044601

2008SPZZ NUCLEAR REACTIONS ^{12}C(^{12}C, α), ^{12}C(^{12}C, p), E(cm)=2.1-4.75 MeV; measured Iγ, Eγ; deduced S-factors for p and α channels. Compared results to previous data. CONF Crete(FINUSTAR 2),Proc.P144,Spillane

2008ST11 NUCLEAR REACTIONS ^{24}Mg(α, γ), E=1.0-1.5 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, branching ratios, resonance strengths. ^{28}Si; deduced levels, J, π, reaction rates. ^{13}C, ^{17}O, ^{21,22}Ne, ^{25}Mg(α, n); ^{16}O, ^{20}Ne(α, γ); ^{23}Na, ^{24}Mg, ^{27}Al(p, γ); ^{23}Na, ^{24}Mg, ^{27}Al, ^{28}Si(n, γ); ^{25}Al(γ, p); ^{27}Al(p, α); analyzed reaction rates. JOUR PRVCA 77 055801

A=20 *(continued)*

^{20}Na	2007NAZT	RADIOACTIVITY ^{20}Na(β^+); measured I$\beta(\theta$, H, t) from polarized source; deduced alignment term. CONF Kyoto(Spin Physics) Proc.P226,Nagatomo
^{20}Mg	2008IW04	NUCLEAR REACTIONS C, Pb(^{20}Mg, ^{20}Mg'), E=28 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin, angular distributions. ^{20}Mg; deduced B(E2). JOUR PRVCA 78 024306
	2008IWZZ	NUCLEAR REACTIONS Pb(^{20}Mg, ^{20}Mg'), E=58 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin. ^{20}Mg; deduced B(E2). REPT RIKEN-NC-NP-22,Iwasa

A=21

^{21}N	2008LO06	RADIOACTIVITY ^{21}N(β^-) [from ^{9}Be(^{26}Mg, X), E=68.8 MeV / nucleon]; measured $T_{1/2}$, Eβ, Iβ, Eγ, Iγ, En, In, $\beta\gamma$-, (n)β-coin. JOUR CPLEE 25 1992
	2008SO09	NUCLEAR REACTIONS ^{9}Be, ^{12}C(^{36}S, X), E=77.5 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{19,20,21,22}N; deduced levels, J, π. Comparison with shell-model calculations, based on WBT and WBTM interactions. JOUR PRVCA 77 044303
^{21}O	2008LO06	RADIOACTIVITY ^{21}N(β^-) [from ^{9}Be(^{26}Mg, X), E=68.8 MeV / nucleon]; measured $T_{1/2}$, Eβ, Iβ, Eγ, Iγ, En, In, $\beta\gamma$-, (n)β-coin. JOUR CPLEE 25 1992
^{21}F	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008DI12	NUCLEAR REACTIONS ^{9}Be(^{22}Mg, ^{21}Mg), E=74 MeV / nucleon; measured Eγ, Iγ, σ, momentum distributions. ^{21}Mg; deduced levels, J, π, spectroscopic factors. ^{21}F; calculated level energies, J, π. Comparison with model calculations. JOUR PRVCA 77 064309

A=21 ***(continued)***

^{21}Ne	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008AM01	NUCLEAR REACTIONS Fe, Ni(p, X)^{3}He / ^{4}He / ^{21}Ne / ^{22}Ne / ^{36}Ar / ^{38}Ar, E < 1.6 GeV; measured cross sections and excitation functions. JOUR NIMBE 266 2
	2008RE07	NUCLEAR REACTIONS ^{20}Ne, ^{27}Al, ^{40}Ar, ^{84}Kr, ^{131,132}Xe, ^{208}Pb, ^{235,238}U(n, γ), E=low; measured Eγ, Iγ using cold neutron source and an "invisible container". JOUR JRNCD 276 825
	2008SC18	NUCLEAR REACTIONS Ti(^{21}Na, ^{21}Na), (^{21}Ne, ^{21}Ne'γ), E=1.7 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin. ^{21}Ne, ^{21}Na, ^{42,46,48}Ti; deduced levels, J, π, multipolarities, mixing ratios, B(E2). Coulomb excitation. JOUR PRVCA 78 044321
	2008VE03	RADIOACTIVITY ^{21}Na(β^+); measured β-ν correlation coefficient, time-of-flight, internal conversion. Comparisons with standard model. JOUR PRVCA 77 035502
^{21}Na	2007GA58	NUCLEAR REACTIONS ^{9}Be(^{20}Ne, ^{21}Na), E=63 MeV / nucleon; measured cross sections, Eγ, Iγ, $\gamma\gamma$-, (^{21}Na)γ-coin, momentum distributions. ^{21}Na; deduced levels, J, π. JOUR PRVCA 76 061302
	2008GA10	NUCLEAR REACTIONS ^{9}Be(^{36}Ar, X)^{19}F / ^{20}Ne / ^{21}Na / ^{22}Mg / ^{23}Al, E=130 MeV / nucleon; measured energy loss, intensities for reaction products. ^{9}Be(^{24}Si, X)^{23}Al / ^{23}Si, E=85.3 MeV / nucleon; measured single-particle cross sections, momentum distributions, spectroscopic factors. ^{9}Be(^{28}S, X)^{27}P, E=80.7 MeV / nucleon; measured Eγ, Iγ.^{9}Be(^{28}S, X)^{27}P / ^{27}S, E=80.7 MeV / nucleon; measured single particle cross sections, spectroscopic factors, momentum distributions. ^{7}Li, ^{8}B, ^{9,12,15}C, ^{16}O, ^{32,34,36}Ar, ^{24,30}Si, ^{26,28}S, ^{31}P, ^{40,48}Ca, ^{51}V, ^{90}Zr, ^{208}Pb; systematics of cross sections. JOUR PRVCA 77 044306
	2008MU05	ATOMIC MASSES ^{21,22,23}Na, ^{22,24}Mg, ^{37,39}K; measured and evaluated masses using the ISOLTRAP Penning trap mass spectrometer. JOUR ZAANE 35 31
	2008SC18	NUCLEAR REACTIONS Ti(^{21}Na, ^{21}Na), (^{21}Ne, ^{21}Ne'γ), E=1.7 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin. ^{21}Ne, ^{21}Na, ^{42,46,48}Ti; deduced levels, J, π, multipolarities, mixing ratios, B(E2). Coulomb excitation. JOUR PRVCA 78 044321

A=21 *(continued)*

	2008VE03	RADIOACTIVITY ^{21}Na(β^+); measured β-ν correlation coefficient, time-of-flight, internal conversion. Comparisons with standard model. JOUR PRVCA 77 035502
^{21}Mg	2008DI12	NUCLEAR REACTIONS ^{9}Be(^{22}Mg, ^{21}Mg), E=74 MeV / nucleon; measured Eγ, Iγ, σ, momentum distributions. ^{21}Mg; deduced levels, J, π, spectroscopic factors. ^{21}F; calculated level energies, J, π. Comparison with model calculations. JOUR PRVCA 77 064309

A=22

^{22}N	2008SO09	NUCLEAR REACTIONS ^{9}Be, ^{12}C(^{36}S, X), E=77.5 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{19,20,21,22}N; deduced levels, J, π. Comparison with shell-model calculations, based on WBT and WBTM interactions. JOUR PRVCA 77 044303
^{22}O	2008ON02	NUCLEAR REACTIONS ^{9}Be(^{16}C, ^{16}C'), E=40 MeV / nucleon;^{9}Be(^{18}C, ^{18}C'), (^{18}C, ^{11}Be), (^{18}C, ^{16}N), E=79 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives using recoil shadow method. ^{11}Be, ^{16}N, ^{16,18}C; deduced levels, J, π, B(E2). ^{14}C, ^{16,18,20,22}O, ^{34}Si, ^{38,40,46,48}Ca; comparison of B(E2) values. JOUR PRVCA 78 014308
^{22}Ne	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008AM01	NUCLEAR REACTIONS Fe, Ni(p, X)^{3}He / ^{4}He / ^{21}Ne / ^{22}Ne / ^{36}Ar / ^{38}Ar, E < 1.6 GeV; measured cross sections and excitation functions. JOUR NIMBE 266 2
	2008BU12	RADIOACTIVITY ^{22}Na(β^+), ^{198}Au(β^-); measured $T_{1/2}$, temperature dependence not observed. ^{16}N(β^-); calculated β-delayed Eα, Iα using GEANT4 code. JOUR NUPAB 805 462c
	2008HU08	RADIOACTIVITY ^{22}Na(β^+), ^{198}Au(β^-), ^{210}Po(α); analyzed the effect of host metals on half-lives. JOUR PRVCA 78 015803
	2008LI02	RADIOACTIVITY ^{22}Na(β^+); measured Eγ, Iγ. Deduced evidence for temperature dependence of half life for decays in metallic environment. JOUR CPLEE 25 70
	2008RU01	RADIOACTIVITY ^{22}Na(β^+) [from ^{27}Al(p, X), E=70 MeV]; measured Eγ, Iγ, $T_{1/2}$ as function of temperature. Deduced influence of electron screening on $T_{1/2}$. JOUR JPGPE 35 014017

A=22 ***(continued)***

	2008RU05	RADIOACTIVITY ^{22}Na(β^+), ^{196}Au(EC), ^{198}Au(β^-); measured half-life and its dependence on temperature. JOUR PRVCA 77 065502
	2008UG01	NUCLEAR REACTIONS ^{19}F(α, p), E=792-1993 keV; measured yield curves, σ, $\sigma(\theta)$, reaction rate at stellar temperatures; calculated low energy S-factor. R-matrix analysis. JOUR PRVCA 77 035801
^{22}Na	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008BU12	RADIOACTIVITY ^{22}Na(β^+), ^{198}Au(β^-); measured $T_{1/2}$, temperature dependence not observed. ^{16}N(β^-); calculated β-delayed Eα, Iα using GEANT4 code. JOUR NUPAB 805 462c
	2008FI10	NUCLEAR REACTIONS Mg(^{3}He, p)^{25}Al / ^{26}Al / ^{25}Mg / ^{22}Na / ^{23}Na, E=3-36 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, σ. ^{26}Al; deduced levels, J, π. Implications for production in early solar system. JOUR PRVCA 78 044613
	2008HU08	RADIOACTIVITY ^{22}Na(β^+), ^{198}Au(β^-), ^{210}Po(α); analyzed the effect of host metals on half-lives. JOUR PRVCA 78 015803
	2008JA03	NUCLEAR REACTIONS ^{1}H, ^{2}H(^{28}Si, X), E=200, 300 MeV / nucleon; measured σ, $\sigma(\theta)$. He, ^{12,14}N, ^{16}O, ^{18}F, ^{20}Ne, ^{22}Na, ^{24}Mg, ^{26}Al, ^{28}Si; measured momentum distributions, angular distributions; deduced single-event effects in microelectronics. JOUR PRVCA 77 044601
	2008LI02	RADIOACTIVITY ^{22}Na(β^+); measured Eγ, Iγ. Deduced evidence for temperature dependence of half life for decays in metallic environment. JOUR CPLEE 25 70
	2008MU05	ATOMIC MASSES ^{21,22,23}Na, ^{22,24}Mg, ^{37,39}K; measured and evaluated masses using the ISOLTRAP Penning trap mass spectrometer. JOUR ZAANE 35 31
	2008RU01	RADIOACTIVITY ^{22}Na(β^+) [from ^{27}Al(p, X), E=70 MeV]; measured Eγ, Iγ, $T_{1/2}$ as function of temperature. Deduced influence of electron screening on $T_{1/2}$. JOUR JPGPE 35 014017
	2008RU05	RADIOACTIVITY ^{22}Na(β^+), ^{196}Au(EC), ^{198}Au(β^-); measured half-life and its dependence on temperature. JOUR PRVCA 77 065502

A=22 ***(continued)***

	2008TI05	NUCLEAR REACTIONS ^{56}Fe(p, X)^{7}Be / ^{22}Na / ^{24}Na / ^{27}Mg / ^{28}Mg / ^{29}Al / ^{38}S / ^{34m}Cl / ^{38}Cl / ^{39}Cl / ^{41}Ar / ^{42}K / ^{43}K / ^{44}K / ^{47}Ca / ^{43}Sc / ^{44}Sc / ^{44m}Sc / ^{46}Sc / ^{47}Sc / ^{48}Sc / ^{48}V / ^{48}Cr / ^{49}Cr / ^{51}Cr / ^{52}Mn / ^{52m}Mn / ^{54}Mn / ^{56}Mn / ^{52}Fe / ^{53}Fe / ^{55}Co / ^{56}Co / ^{57}Co, E=300, 500, 750, 1000, 1500, 2600 MeV; measured Eγ, Iγ, σ, mass distributions. ^{1}H(^{56}Fe, X)E=300, 500, 750, 100, 1500 MeV / nucleon; systematics of σ. ^{27}Al(p, x)^{22}Na; analyzed excitation function. JOUR PRVCA 78 034615
^{22}Mg	2006JO14	ATOMIC MASSES ^{96,97,98,99,100,101,102,103,104,105,106}Zr, ^{98,99,100,101,102,103,104,105,106}Nb, ^{99,100,101,102,103,104,105,106,107,108,109,110}Mo; reviewed cooling and trapping techniques, high-precision measurements of the ground state properties of exotic nuclei. Penning trap (JYFLTRAP at IGISOL facility) method and collinear laser spectroscopy. ^{117}Pd; measured conversion electrons from isomer decay. ^{22}Mg, ^{34}Ar, ^{46}V, ^{62}Ga, ^{74}Rb; reviewed superallowed β decay Ft values. ^{92}Br; measured time of flight spectrum.^{102}Nb; measured γ rays following β^- decay. JOUR IMSPF 251 204
	2007HE30	NUCLEAR REACTIONS ^{1}H(^{22}Mg, p), (^{22}Mg, γ), E=4.38 MeV / nucleon; measured Ep, Ip, angular distributions; deduced reaction rate using R-matrix analysis. ^{23}Al; deduced levels, J, π, B(E2), B(M1). ^{23}Ne; systematics. JOUR PRVCA 76 055802
	2007YOZW	NUCLEAR REACTIONS ^{208}Pb(^{23}Al, p^{22}Mg)^{208}Pb, E=50 MeV / nucleon; Pb(^{27}P, p^{26}Si)Pb, E=57 MeV / nucleon; measured Ep, Ip, p(θ), charged products, $\sigma(\theta)$. ^{22}Mg; deduced levels. ^{26}Si; deduced levels. CONF Lisbon (PROCON 2007),Proc.P246,Yoneda
	2008FI07	RADIOACTIVITY ^{62}Ga(β^+); measured Eγ, Iγ, Eβ, $\beta\gamma$-coin, branching ratios; deduced ft values. ^{62}Zn; deduced levels, J, π. ^{10}C, ^{14}O, ^{22}Mg, ^{26m}Al, ^{34}Ca, ^{34}Ar, ^{38m}K, ^{42}Sc, ^{46}V, ^{50}Mn, ^{54}Co, ^{62}Ga, ^{74}Rb; systematics of superallowed β decays and ft values. JOUR PRVCA 78 025502
	2008GA10	NUCLEAR REACTIONS ^{9}Be(^{36}Ar, X)^{19}F / ^{20}Ne / ^{21}Na / ^{22}Mg / ^{23}Al, E=130 MeV / nucleon; measured energy loss, intensities for reaction products. ^{9}Be(^{24}Si, X)^{23}Al / ^{23}Si, E=85.3 MeV / nucleon; measured single-particle cross sections, momentum distributions, spectroscopic factors. ^{9}Be(^{28}S, X)^{27}P, E=80.7 MeV / nucleon; measured Eγ, Iγ.^{9}Be(^{28}S, X)^{27}P / ^{27}S, E=80.7 MeV / nucleon; measured single particle cross sections, spectroscopic factors, momentum distributions. ^{7}Li, ^{8}B, ^{9,12,15}C, ^{16}O, ^{32,34,36}Ar, ^{24,30}Si, ^{26,28}S, ^{31}P, ^{40,48}Ca, ^{51}V, ^{90}Zr, ^{208}Pb; systematics of cross sections. JOUR PRVCA 77 044306
	2008HAZZ	RADIOACTIVITY ^{10}C, ^{14}O, ^{22}Mg, ^{26m}Al, ^{34}Cl, ^{34}Ar, ^{38m}K, ^{42}Sc, ^{46}V, ^{50}Mn, ^{54}Co, ^{62}Ga, ^{74}Rb; analyzed superallowed β-decay data. ^{34}Ar(β^+), (EC) [from ^{1}H(^{35}Cl, 2n), E=35 MeV / nucleon]; measured Eγ, Iγ, Eβ, $\beta\gamma$ coin; deduced β^++EC branches for superallowed β decay. CONF Sinaia(Exotic Nuclei and Nucl.Part.Astorphysics(II)) Proc.P119,Ha
	2008HE04	NUCLEAR REACTIONS ^{1}H(^{21}Na, ^{21}Na), E=4 MeV / nucleon; measured σ(E). ^{22}Mg deduced levels, J, π. JOUR ZAANE 36 1

A=22 *(continued)*

2008MU05 ATOMIC MASSES ^{21,22,23}Na, ^{22,24}Mg, ^{37,39}K; measured and evaluated masses using the ISOLTRAP Penning trap mass spectrometer. JOUR ZAANE 35 31

A=23

^{23}O

2008CH07 NUCLEAR REACTIONS ^{9}Be(^{48}Ca, X), E=60 MeV / nucleon; measured neutron decay energy spectra, (fragment)(neutron)-coin using sequential neutron decay spectroscopy technique. ^{10}Li, ^{12,13}Be, ^{23}O observed unbound states. JOUR NUPAB 801 101

2008EL02 NUCLEAR REACTIONS ^{1}H(^{28}Ne, ^{27}Ne), E≈51.3 MeV / nucleon; ^{22}O(d, p)^{23}O, E=34 MeV / nucleon; measured Eγ, Iγ, cross sections. ^{27}Ne, ^{23}O; deduced levels, J, π, Spectroscopic factors. Compared results to model calculations. JOUR JPGPE 35 014038

^{23}Ne

2007HE30 NUCLEAR REACTIONS ^{1}H(^{22}Mg, p), (^{22}Mg, γ), E=4.38 MeV / nucleon; measured Ep, Ip, angular distributions; deduced reaction rate using R-matrix analysis. ^{23}Al; deduced levels, J, π, B(E2), B(M1). ^{23}Ne; systematics. JOUR PRVCA 76 055802

2007MAZG RADIOACTIVITY ^{23}Ne(β^-) [from Be(^{22}Ne, X), Be(^{26}Mg, X)]; measured β-spectra; ^{23}Ne; deduced magnetic moment. Polarized target, magnetic resonance method. CONF Kyoto(Spin Physics) Proc.P837,Matsuta

2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609

2007OH11 NUCLEAR REACTIONS Be(^{22}Ne, ^{23}Ne), (^{24}Mg, ^{24}Al), (^{24}Mg, ^{25}Al), (^{28}Si, ^{28}P), E=100 MeV / nucleon; ^{23}Ne, ^{24,25}Al, ^{28}P; measured polarization using the β-NMR technique. JOUR HYIND 180 85

2008EL04 NUCLEAR REACTIONS ^{26}Mg(n, α), E=13.6-14.86 MeV; measured σ using the activation technique. Statistical model analyses. JOUR ANEND 35 1068

^{23}Na

2006KO63 RADIOACTIVITY ^{26m}Al, ^{38m}K(β^+); measured recoil energy spectrum in β decay, $\beta\nu(\theta)$. ^{20}Ne, ^{23}Na, ^{39}K; measured excitation, and ion beam properties on the WITCH set-up. Penning trap method. ^{35}Ar; measured half-life and time-of-flight spectrum. JOUR IMSPF 251 159

A=23 ***(continued)***

2007KRZY NUCLEAR REACTIONS ^{127}I(d, X)^{111}In / ^{119}Te / ^{121}I / ^{122}Sb / ^{123}I / ^{124}I / ^{125}Xe / ^{126}I, E=2.52 GeV; measured yields; ^{129}I(d, X)^{121}Te / ^{124}I / ^{126}I / ^{130}I, E=2.52 GeV; measured yields; ^{237}Np(d, X)^{97}Zr / ^{99}Mo / ^{132}Te / ^{133}I / ^{238}Np, E=2.52 GeV; measured yields; ^{238}Pu(d, X)^{97}Zr / ^{135}Xe, E≈2.5 GeV; measured yields; ^{239}Pu(d, X)^{103}Ru / ^{128}Sb / ^{132}Te / ^{133}I / ^{135}I / ^{135}Xe / ^{140}Ba / ^{143}Ce / ^{91}Sr / ^{97}Zr, E≈2.5 GeV; measured yields; ^{26}Al(n, α), ^{197}Au(n, γ), ^{197}Au(n, 2n), ^{197}Au(n, 4n), E not given; measured radial distributions of production rates of daughter nuclei; ^{89}Y(n, 2n), ^{89}Y(n, 3n), ^{89}Y(n, 4n), E not given; measured production rates of daughter nuclei. activation detector for transmutation setup; ^{238}U, Pb(n, f), ^{238}U, Pb(n, γ), E not given; measured σ. REPT JINR-E1-2007-7,Krivopustov

2007MAZG RADIOACTIVITY ^{23}Ne(β^-) [from Be(^{22}Ne, X), Be(^{26}Mg, X)]; measured β-spectra; ^{23}Ne; deduced magnetic moment. Polarized target, magnetic resonance method. CONF Kyoto(Spin Physics) Proc.P837,Matsuta

2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609

2008FI10 NUCLEAR REACTIONS Mg(^{3}He, p)^{25}Al / ^{26}Al / ^{25}Mg / ^{22}Na / ^{23}Na, E=3-36 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, σ. ^{26}Al; deduced levels, J, π. Implications for production in early solar system. JOUR PRVCA 78 044613

2008MU05 ATOMIC MASSES ^{21,22,23}Na, ^{22,24}Mg, ^{37,39}K; measured and evaluated masses using the ISOLTRAP Penning trap mass spectrometer. JOUR ZAANE 35 31

2008SPZZ NUCLEAR REACTIONS ^{12}C(^{12}C, α), ^{12}C(^{12}C, p), E(cm)=2.1-4.75 MeV; measured Iγ, Eγ; deduced S-factors for p and α channels. Compared results to previous data. CONF Crete(FINUSTAR 2),Proc.P144,Spillane

2008TA15 NUCLEAR REACTIONS ^{1}H, ^{16}O, ^{23}Na, ^{27}Al, ^{28}Si(n, n'), (n, γ), E=14 MeV; measured Eγ, Iγ using a NaI(Tl) detector with multiple time-gated system for use with complex samples. JOUR JRNCD 276 639

A=23 *(continued)*

^{23}Mg	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
^{23}Al	2007HE30	NUCLEAR REACTIONS ^{1}H(^{22}Mg, p), (^{22}Mg, γ), E=4.38 MeV / nucleon; measured Ep, Ip, angular distributions; deduced reaction rate using R-matrix analysis. ^{23}Al; deduced levels, J, π, B(E2), B(M1). ^{23}Ne; systematics. JOUR PRVCA 76 055802
	2008GA10	NUCLEAR REACTIONS ^{9}Be(^{36}Ar, X)^{19}F / ^{20}Ne / ^{21}Na / ^{22}Mg / ^{23}Al, E=130 MeV / nucleon; measured energy loss, intensities for reaction products. ^{9}Be(^{24}Si, X)^{23}Al / ^{23}Si, E=85.3 MeV / nucleon; measured single-particle cross sections, momentum distributions, spectroscopic factors. ^{9}Be(^{28}S, X)^{27}P, E=80.7 MeV / nucleon; measured Eγ, Iγ.^{9}Be(^{28}S, X)^{27}P / ^{27}S, E=80.7 MeV / nucleon; measured single particle cross sections, spectroscopic factors, momentum distributions. ^{7}Li, ^{8}B, ^{9,12,15}C, ^{16}O, ^{32,34,36}Ar, ^{24,30}Si, ^{26,28}S, ^{31}P, ^{40,48}Ca, ^{51}V, ^{90}Zr, ^{208}Pb; systematics of cross sections. JOUR PRVCA 77 044306
	2008GA17	NUCLEAR REACTIONS ^{9}Be(^{22}Mg, ^{23}Al), (^{23}Al, ^{23}Al'), E=150 MeV / nucleon; measured fragment spectra, Eγ, Iγ, (fragment)γ-coin. ^{23}Al; deduced levels, spectroscopic factors. JOUR PYLBB 666 218
^{23}Si	2008GA10	NUCLEAR REACTIONS ^{9}Be(^{36}Ar, X)^{19}F / ^{20}Ne / ^{21}Na / ^{22}Mg / ^{23}Al, E=130 MeV / nucleon; measured energy loss, intensities for reaction products. ^{9}Be(^{24}Si, X)^{23}Al / ^{23}Si, E=85.3 MeV / nucleon; measured single-particle cross sections, momentum distributions, spectroscopic factors. ^{9}Be(^{28}S, X)^{27}P, E=80.7 MeV / nucleon; measured Eγ, Iγ.^{9}Be(^{28}S, X)^{27}P / ^{27}S, E=80.7 MeV / nucleon; measured single particle cross sections, spectroscopic factors, momentum distributions. ^{7}Li, ^{8}B, ^{9,12,15}C, ^{16}O, ^{32,34,36}Ar, ^{24,30}Si, ^{26,28}S, ^{31}P, ^{40,48}Ca, ^{51}V, ^{90}Zr, ^{208}Pb; systematics of cross sections. JOUR PRVCA 77 044306

A=24

^{24}Ne	2007BE66	NUCLEAR REACTIONS ^{208}Pb(^{24}Ne, X), E=7.9 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin. ^{24,25}Ne; deduced levels. JOUR ZSTNE 150 83

A=24 *(continued)*

^{24}Na	2005LI66	RADIOACTIVITY ^{24}Na(β^-), ^{42}K(β^-), ^{198}Au(β^-); measured Eγ, Iγ, isotopic $T_{1/2}$. JOUR JRNCD 263 311
	2007LU19	NUCLEAR REACTIONS ^{27}Al(n, α), E=13.5-14.8 MeV; ^{96,98,104}Ru(n, 2n), E=13.5-14.8 MeV; ^{96,102,104}Ru(n, p)^{96}Tc / ^{96m}Tc / ^{102m}Tc / ^{104}Tc, E=13.5-14.8 MeV; ^{96,102,104}Ru(n, α)^{93m}Mo / ^{99}Mo / ^{101}Mo, E=13.5-14.8 MeV; ^{96}Ru(n, d)^{95m}Tc, E=13.5-14.8 MeV; measured Eγ, Iγ, cross sections. JOUR PRVCA 76 057601
	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008FIZZ	NUCLEAR REACTIONS ^{1,2}H, ^{6,7}Li, ^{9}Be, ^{10,11}B, ^{12,13}C, ^{14,15}N, ^{16}O, ^{19}F, ^{23,23m}Na, ^{24,25,26}Mg, ^{27}Al, ^{28,29,30}Si, ^{31}P, ^{32,33,34}S, ^{35,37}Cl, ^{39,40,41}K, ^{102,104,105,106,108,110}Pd(n, γ), E=thermal; measured cross sections; ^{10}B(n, α), E=thermal; measured cross sections; ^{25}Mg(n, γ), E=thermal;^{13}C(n, γ), E=thermal;^{105}Pd(n, γ), E=thermal; measured Eγ, Iγ; deduced cross section balance. compared experimental and calculated depopulation. CONF Yosemit(CNR 2007) Proc.P26,Firestone
	2008HO10	NUCLEAR REACTIONS ^{24}Mg(t, ^{3}He), E=115 MeV / nucleon; measured particle spectra, $\sigma(\theta)$; deduced levels, B(GT). Comparisons of GT values with ^{24}Mg(^{3}He, t), (d, ^{2}He) reactions and USDA, USDB calculations. JOUR PRVCA 78 047302
	2008JO06	NUCLEAR REACTIONS ^{27}Al, ^{28}Si, ^{29}Si, ^{46,47}Ti, ^{54}Fe, ^{58}Ni, ^{64}Zn(n, p), ^{27}Al, ^{30}Si(n, α), ^{197}Au(n, γ), E= reactor; measured Eγ, Iγ, fast neutron spectrum averaged σ; comparator method. JOUR ARISE 66 1377
	2008ST11	NUCLEAR REACTIONS ^{24}Mg(α, γ), E=1.0-1.5 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, branching ratios, resonance strengths. ^{28}Si; deduced levels, J, π, reaction rates. ^{13}C, ^{17}O, ^{21,22}Ne, ^{25}Mg(α, n); ^{16}O, ^{20}Ne(α, γ); ^{23}Na, ^{24}Mg, ^{27}Al(p, γ); ^{23}Na, ^{24}Mg, ^{27}Al, ^{28}Si(n, γ); ^{25}Al(γ, p); ^{27}Al(p, α); analyzed reaction rates. JOUR PRVCA 77 055801
	2008TA15	NUCLEAR REACTIONS ^{1}H, ^{16}O, ^{23}Na, ^{27}Al, ^{28}Si(n, n'), (n, γ), E=14 MeV; measured Eγ, Iγ using a NaI(Tl) detector with multiple time-gated system for use with complex samples. JOUR JRNCD 276 639

A=24 *(continued)*

	2008TI05	NUCLEAR REACTIONS ^{56}Fe(p, X)^{7}Be / ^{22}Na / ^{24}Na / ^{27}Mg / ^{28}Mg / ^{29}Al / ^{38}S / ^{34m}Cl / ^{38}Cl / ^{39}Cl / ^{41}Ar / ^{42}K / ^{43}K / ^{44}K / ^{47}Ca / ^{43}Sc / ^{44}Sc / ^{44m}Sc / ^{46}Sc / ^{47}Sc / ^{48}Sc / ^{48}V / ^{48}Cr / ^{49}Cr / ^{51}Cr / ^{52}Mn / ^{52m}Mn / ^{54}Mn / ^{56}Mn / ^{52}Fe / ^{53}Fe / ^{55}Co / ^{56}Co / ^{57}Co, E=300, 500, 750, 1000, 1500, 2600 MeV; measured Eγ, Iγ, σ, mass distributions. ^{1}H(^{56}Fe, X)E=300, 500, 750, 100, 1500 MeV / nucleon; systematics of σ. ^{27}Al(p, x)^{22}Na; analyzed excitation function. JOUR PRVCA 78 034615
	2008VO04	NUCLEAR REACTIONS ^{180,182}Hf(n, γ), E=thermal; measured Eγ, Iγ, σ, reaction rates. ^{94,96}Zr(n, γ), E=thermal; measured reaction rates. ^{23}Na, ^{37}Cl, ^{55}Mn, ^{115}In, ^{179}Hf, ^{182}Ta(n, γ), E=thermal; measured Eγ. JOUR PRVCA 77 044608
^{24}Mg	2005LI66	RADIOACTIVITY ^{24}Na(β^-), ^{42}K(β^-), ^{198}Au(β^-); measured Eγ, Iγ, isotopic $T_{1/2}$. JOUR JRNCD 263 311
	2006FR27	ATOMIC MASSES ^{24,26}Mg, ^{40,48}Ca; measured masses of hydrogen-and lithium-like ions of Mg and Ca with SMILETRAP (Penning trap) mass spectrometer; analyzed binding energies. Comparisons with previous results. ^{204}Hg; measured time of flight spectrum. JOUR IMSPF 251 281
	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2007NI14	NUCLEAR MOMENTS ^{24}Al(β^+); measured magnetic moment using the β-NMR method. JOUR HYIND 180 71
	2008GI07	NUCLEAR REACTIONS ^{27}Al, Ag, ^{197}Au(^{3}He, α), E=130, 270 MeV; ^{27}Al, Ag, ^{197}Au(p, α), E=200 MeV; measured α-spectra, σ, angular distributions, (particle)(particle)-coin, α-yields, multiplicity distributions, fragment charge distributions, linear momentum distributions of charged particles. JOUR PRVCA 78 034601
	2008JA03	NUCLEAR REACTIONS ^{1}H, ^{2}H(^{28}Si, X), E=200, 300 MeV / nucleon; measured σ, $\sigma(\theta)$. He, ^{12,14}N, ^{16}O, ^{18}F, ^{20}Ne, ^{22}Na, ^{24}Mg, ^{26}Al, ^{28}Si; measured momentum distributions, angular distributions; deduced single-event effects in microelectronics. JOUR PRVCA 77 044601
	2008MU05	ATOMIC MASSES ^{21,22,23}Na, ^{22,24}Mg, ^{37,39}K; measured and evaluated masses using the ISOLTRAP Penning trap mass spectrometer. JOUR ZAANE 35 31

A=24 *(continued)*

	2008SA04	NUCLEAR REACTIONS ^{24}Mg(^{24}Mg, ^{24}Mg'), ^{24}Mg(^{24}Mg, X)^{45}Ti / ^{44}Sc / ^{42}Ca / ^{41}Ca / ^{41}K / ^{39}K / ^{38}Ar / ^{37}Ar, E=91.72, 92.62 MeV; measured (fragment)γ-, (charged particle)γ- and $\gamma\gamma$-coin; deduced ON / OFF resonance yield ratios for the inelastic and fusion evaporation channels. ON resonance formation of ^{48}Cr discussed. ^{45}Ti deduced levels, J, π. JOUR NUPAB 801 1
	2008ST11	NUCLEAR REACTIONS ^{24}Mg(α, γ), E=1.0-1.5 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, branching ratios, resonance strengths. ^{28}Si; deduced levels, J, π, reaction rates. ^{13}C, ^{17}O, ^{21,22}Ne, ^{25}Mg(α, n); ^{16}O, ^{20}Ne(α, γ); ^{23}Na, ^{24}Mg, ^{27}Al(p, γ); ^{23}Na, ^{24}Mg, ^{27}Al, ^{28}Si(n, γ); ^{25}Al(γ, p); ^{27}Al(p, α); analyzed reaction rates. JOUR PRVCA 77 055801
	2009CU01	NUCLEAR REACTIONS ^{16}O(^{18}O, ^{10}Be), (^{18}O, ^{19}F), E=80, 100 MeV; measured breakup fragment energies, yields, cross sections. JOUR JPGPE 36 015108
^{24}Al	2007NI14	NUCLEAR MOMENTS ^{24}Al(β^+); measured magnetic moment using the β-NMR method. JOUR HYIND 180 71
	2007OH11	NUCLEAR REACTIONS Be(^{22}Ne, ^{23}Ne), (^{24}Mg, ^{24}Al), (^{24}Mg, ^{25}Al), (^{28}Si, ^{28}P), E=100 MeV / nucleon; ^{23}Ne, ^{24,25}Al, ^{28}P; measured polarization using the β-NMR technique. JOUR HYIND 180 85
	2007VI16	NUCLEAR REACTIONS ^{24}Mg(^{3}He, t), E=30 MeV / nucleon; measured triton spectra, angular distributions. ^{24}Al; deduced resonance energies, reaction rates. ^{23}Mg(p, γ)^{24}Al; resonance parameters. JOUR PRVCA 76 065803
	2008LO04	NUCLEAR REACTIONS ^{10}B(^{16}O, 2nγ), E=60 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{24}Al; deduced levels, J, π, polarization coefficients. ^{23}Mg(p, γ); deduced effect of results on stellar reaction rate. Fragment mass analyzer and Gammasphere array. JOUR PRVCA 77 042802
	2008ZE05	NUCLEAR REACTIONS ^{24}Mg(^{3}He, t), E=420 MeV; measured triton spectra, $\sigma(\theta)$. ^{24}Al; deduced levels, J, π, angular momenta, GT strengths. Comparison with model calculations and ^{24}Mg(p, n) data. JOUR PRVCA 78 014314
^{24}Si	2008GA10	NUCLEAR REACTIONS ^{9}Be(^{36}Ar, X)^{19}F / ^{20}Ne / ^{21}Na / ^{22}Mg / ^{23}Al, E=130 MeV / nucleon; measured energy loss, intensities for reaction products. ^{9}Be(^{24}Si, X)^{23}Al / ^{23}Si, E=85.3 MeV / nucleon; measured single-particle cross sections, momentum distributions, spectroscopic factors. ^{9}Be(^{28}S, X)^{27}P, E=80.7 MeV / nucleon; measured Eγ, Iγ.^{9}Be(^{28}S, X)^{27}P / ^{27}S, E=80.7 MeV / nucleon; measured single particle cross sections, spectroscopic factors, momentum distributions. ^{7}Li, ^{8}B, ^{9,12,15}C, ^{16}O, ^{32,34,36}Ar, ^{24,30}Si, ^{26,28}S, ^{31}P, ^{40,48}Ca, ^{51}V, ^{90}Zr, ^{208}Pb; systematics of cross sections. JOUR PRVCA 77 044306

A=25

^{25}O	2008HO03	NUCLEAR REACTIONS Be(^{26}F, ^{25}O), E=85 MeV / nucleon; measured fragment, neutron energies and yields. ^{25}O; deduced decay width. JOUR PRLTA 100 152502

A=25 *(continued)*

^{25}Ne	2007BE66	NUCLEAR REACTIONS ^{208}Pb(^{24}Ne, X), E=7.9 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin. ^{24,25}Ne; deduced levels. JOUR ZSTNE 150 83
	2008BEZX	NUCLEAR REACTIONS ^{208}Pb(^{22}Ne, X), E=150 MeV;^{208}Pb(^{24}Ne, X), E=190 MeV; measured δE-E; measured γ-coin; ^{25}Ne; measured γ transitions CONF Crete(FINUSTAR 2),Proc.P300,Benzoni
^{25}Na	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008GIZZ	NUCLEAR REACTIONS ^{9}Be(^{9}Be, pγ), (^{9}Be, 2p), (^{9}Be, α), E=30, 35, 40 MeV; ^{18}O(^{11}B, p), (^{11}B, 2p), (^{11}B, α), E=50, 55, 60 MeV; ^{18}O(^{12}C, p), (^{12}C, 2p), (^{12}C, α), E=50, 55, 60 MeV; measured Eγ, Iγ, yields. CONF Yosemit(CNR 2007) Proc.P77,Gibelin
^{25}Mg	2007MA94	NUCLEAR MOMENTS ^{25}Al(β^+); measured electric quadrupole moment using the β-NQR method. JOUR HYIND 180 65
	2007MI50	NUCLEAR MOMENTS ^{25}Al, ^{28}P(β^+); measured spin lattice relaxation times for spin polarized nuclei implanted in a Pt foil using the β-NMR method. JOUR HYIND 178 83
	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008FI10	NUCLEAR REACTIONS Mg(^{3}He, p)^{25}Al / ^{26}Al / ^{25}Mg / ^{22}Na / ^{23}Na, E=3-36 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, σ. ^{26}Al; deduced levels, J, π. Implications for production in early solar system. JOUR PRVCA 78 044613

A=25 ***(continued)***

	2008FIZZ	NUCLEAR REACTIONS ^{1,2}H, ^{6,7}Li, ^{9}Be, ^{10,11}B, ^{12,13}C, ^{14,15}N, ^{16}O, ^{19}F, ^{23,23m}Na, ^{24,25,26}Mg, ^{27}Al, ^{28,29,30}Si, ^{31}P, ^{32,33,34}S, ^{35,37}Cl, ^{39,40,41}K, ^{102,104,105,106,108,110}Pd(n, γ), E=thermal; measured cross sections; ^{10}B(n, α), E=thermal; measured cross sections; ^{25}Mg(n, γ), E=thermal;^{13}C(n, γ), E=thermal;^{105}Pd(n, γ), E=thermal; measured Eγ, Iγ; deduced cross section balance. compared experimental and calculated depopulation. CONF Yosemit(CNR 2007) Proc.P26,Firestone
	2008GU12	NUCLEAR REACTIONS ^{27}Al(d, p)^{28}Al, E= 1.3 - 2.3 MeV; ^{27}Al(d, α)^{25}Mg, E=1.5-2.4 MeV; measured Ep, Eα, σ(E); comparison with previous results, model predictions. JOUR NIMBE 266 3535
	2008KO05	NUCLEAR MOMENTS ^{25,27,29,31}Mg [from ^{238}U(p, X), E=1.4 GeV]; measured J, π of ground states, magnetic moments, hyperfine structure using laser and β-NMR spectroscopy. Compared with shell-model calculations. JOUR PRVCA 77 034307
	2008PE12	NUCLEAR REACTIONS ^{27}Al(d, p), (d, α), ^{28,29}Si(d, p), E=1-2 MeV; measured $\sigma(\theta$, E). Comparison with other data. JOUR NIMBE 266 2268
	2008ST11	NUCLEAR REACTIONS ^{24}Mg(α, γ), E=1.0-1.5 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, branching ratios, resonance strengths. ^{28}Si; deduced levels, J, π, reaction rates. ^{13}C, ^{17}O, ^{21,22}Ne, ^{25}Mg(α, n); ^{16}O, ^{20}Ne(α, γ); ^{23}Na, ^{24}Mg, ^{27}Al(p, γ); ^{23}Na, ^{24}Mg, ^{27}Al, ^{28}Si(n, γ); ^{25}Al(γ, p); ^{27}Al(p, α); analyzed reaction rates. JOUR PRVCA 77 055801
^{25}Al	2007MA94	NUCLEAR MOMENTS ^{25}Al(β^+); measured electric quadrupole moment using the β-NQR method. JOUR HYIND 180 65
	2007MAZG	RADIOACTIVITY ^{25}Al(β^-) [from Be(^{28}Si, X), Be(^{24}Mg, X)]; measured β-spectra; ^{25}Al; deduced quadrupole moment. Polarized target, electric field gradient method. CONF Kyoto(Spin Physics) Proc.P837,Matsuta
	2007MI50	NUCLEAR MOMENTS ^{25}Al, ^{28}P(β^+); measured spin lattice relaxation times for spin polarized nuclei implanted in a Pt foil using the β-NMR method. JOUR HYIND 178 83
	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2007OH11	NUCLEAR REACTIONS Be(^{22}Ne, ^{23}Ne), (^{24}Mg, ^{24}Al), (^{24}Mg, ^{25}Al), (^{28}Si, ^{28}P), E=100 MeV / nucleon; ^{23}Ne, ^{24,25}Al, ^{28}P; measured polarization using the β-NMR technique. JOUR HYIND 180 85

A=25 *(continued)*

	2008FI10	NUCLEAR REACTIONS Mg(^{3}He, p)^{25}Al / ^{26}Al / ^{25}Mg / ^{22}Na / ^{23}Na, E=3-36 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, σ. ^{26}Al; deduced levels, J, π. Implications for production in early solar system. JOUR PRVCA 78 044613
	2008ST11	NUCLEAR REACTIONS ^{24}Mg(α, γ), E=1.0-1.5 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, branching ratios, resonance strengths. ^{28}Si; deduced levels, J, π, reaction rates. ^{13}C, ^{17}O, ^{21,22}Ne, ^{25}Mg(α, n); ^{16}O, ^{20}Ne(α, γ); ^{23}Na, ^{24}Mg, ^{27}Al(p, γ); ^{23}Na, ^{24}Mg, ^{27}Al, ^{28}Si(n, γ); ^{25}Al(γ, p); ^{27}Al(p, α); analyzed reaction rates. JOUR PRVCA 77 055801
^{25}Si	2007MAZG	RADIOACTIVITY ^{25}Al(β^-) [from Be(^{28}Si, X), Be(^{24}Mg, X)]; measured β-spectra; ^{25}Al; deduced quadrupole moment. Polarized target, electric field gradient method. CONF Kyoto(Spin Physics) Proc.P837,Matsuta

A=26

^{26}Ne	2008GI09	NUCLEAR REACTIONS ^{208}Pb(^{26}Ne, ^{26}Ne'), E=58 MeV / nucleon; measured Eγ, Iγ, neutron, fragment spectra. ^{26}Ne; deduced B(E1). JOUR PRLTA 101 212503
^{26}Na	2008HI05	NUCLEAR REACTIONS ^{18}O(^{14}C, np), E=22 MeV; measured Eγ, Iγ, (particle)γ-coin, $\gamma(\theta)$. ^{30}Al; deduced levels, J, π, comparison with shell-model calculations. ^{26}Na, ^{28,32}Al, ^{30,32,34}P; systematics. JOUR PRVCA 77 034305
^{26}Mg	2006FR27	ATOMIC MASSES ^{24,26}Mg, ^{40,48}Ca; measured masses of hydrogen-and lithium-like ions of Mg and Ca with SMILETRAP (Penning trap) mass spectrometer; analyzed binding energies. Comparisons with previous results. ^{204}Hg; measured time of flight spectrum. JOUR IMSPF 251 281
	2006KO63	RADIOACTIVITY ^{26m}Al, ^{38m}K(β^+); measured recoil energy spectrum in β decay, $\beta\nu(\theta)$. ^{20}Ne, ^{23}Na, ^{39}K; measured excitation, and ion beam properties on the WITCH set-up. Penning trap method. ^{35}Ar; measured half-life and time-of-flight spectrum. JOUR IMSPF 251 159
	2007MU20	NUCLEAR REACTIONS ^{24}Mg(t, p), E=1.65-3.40 MeV; measured $\sigma(\tau)$. Deduced resonance parameters. JOUR JNSTA 44 1484
	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609

A=26 ***(continued)***

	2007TAZS	NUCLEAR REACTIONS ^{26}Mg(p, p') E=295 MeV; measured Ep, Ip; ^{26}Mg; deduced M1, E1 excitations. Cyclotron, Large Acceptance Spectrometer. CONF Kyoto(Spin Physics) Proc.P811,Tamii
	2008FIZZ	NUCLEAR REACTIONS ^{1,2}H, ^{6,7}Li, ^{9}Be, ^{10,11}B, ^{12,13}C, ^{14,15}N, ^{16}O, ^{19}F, ^{23,23m}Na, ^{24,25,26}Mg, ^{27}Al, ^{28,29,30}Si, ^{31}P, ^{32,33,34}S, ^{35,37}Cl, ^{39,40,41}K, ^{102,104,105,106,108,110}Pd(n, γ), E=thermal; measured cross sections; ^{10}B(n, α), E=thermal; measured cross sections; ^{25}Mg(n, γ), E=thermal;^{13}C(n, γ), E=thermal;^{105}Pd(n, γ), E=thermal; measured Eγ, Iγ; deduced cross section balance. compared experimental and calculated depopulation. CONF Yosemit(CNR 2007) Proc.P26,Firestone
	2008GIZZ	NUCLEAR REACTIONS ^{9}Be(^{9}Be, pγ), (^{9}Be, 2p), (^{9}Be, α), E=30, 35, 40 MeV; ^{18}O(^{11}B, p), (^{11}B, 2p), (^{11}B, α), E=50, 55, 60 MeV; ^{18}O(^{12}C, p), (^{12}C, 2p), (^{12}C, α), E=50, 55, 60 MeV; measured Eγ, Iγ, yields. CONF Yosemit(CNR 2007) Proc.P77,Gibelin
	2008TR04	RADIOACTIVITY ^{32}Na(β^-) [from ^{9}Be(^{48}Ca, X), E=140 MeV / nucleon]; measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives; deduced Iβ, B(GT), logft. ^{32}Mg; deduced levels, Jπ. ^{26,28,30,34,36}Mg, ^{28,30,32,34,36,38}Si; systematics. Comparison with shell-model calculations. JOUR PRVCA 77 034310
^{26}Al	2006KO63	RADIOACTIVITY ^{26m}Al, ^{38m}K(β^+); measured recoil energy spectrum in β decay, $\beta\nu(\theta)$. ^{20}Ne, ^{23}Na, ^{39}K; measured excitation, and ion beam properties on the WITCH set-up. Penning trap method. ^{35}Ar; measured half-life and time-of-flight spectrum. JOUR IMSPF 251 159
	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008FI07	RADIOACTIVITY ^{62}Ga(β^+); measured Eγ, Iγ, Eβ, $\beta\gamma$-coin, branching ratios; deduced ft values. ^{62}Zn; deduced levels, J, π. ^{10}C, ^{14}O, ^{22}Mg, ^{26m}Al, ^{34}Ca, ^{34}Ar, ^{38m}K, ^{42}Sc, ^{46}V, ^{50}Mn, ^{54}Co, ^{62}Ga, ^{74}Rb; systematics of superallowed β decays and ft values. JOUR PRVCA 78 025502
	2008FI10	NUCLEAR REACTIONS Mg(^{3}He, p)^{25}Al / ^{26}Al / ^{25}Mg / ^{22}Na / ^{23}Na, E=3-36 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, σ. ^{26}Al; deduced levels, J, π. Implications for production in early solar system. JOUR PRVCA 78 044613
	2008FO04	NUCLEAR REACTIONS ^{25}Mg(p, γ), E not given;measured Eγ, Iγ; deduced resonance strengths. JOUR JPGPE 35 014013

A=26 *(continued)*

	2008GI07	NUCLEAR REACTIONS ^{27}Al, Ag, ^{197}Au(^{3}He, α), E=130, 270 MeV; ^{27}Al, Ag, ^{197}Au(p, α), E=200 MeV; measured α-spectra, σ, angular distributions, (particle)(particle)-coin, α-yields, multiplicity distributions, fragment charge distributions, linear momentum distributions of charged particles. JOUR PRVCA 78 034601
	2008HAZZ	RADIOACTIVITY ^{10}C, ^{14}O, ^{22}Mg, ^{26m}Al, ^{34}Cl, ^{34}Ar, ^{38m}K, ^{42}Sc, ^{46}V, ^{50}Mn, ^{54}Co, ^{62}Ga, ^{74}Rb; analyzed superallowed β-decay data. ^{34}Ar(β^+), (EC) [from ^{1}H(^{35}Cl, 2n), E=35 MeV / nucleon]; measured Eγ, Iγ, Eβ, $\beta\gamma$ coin; deduced β^++EC branches for superallowed β decay. CONF Sinaia(Exotic Nuclei and Nucl.Part.Astorphysics(II)) Proc.P119,Ha
	2008JA03	NUCLEAR REACTIONS ^{1}H, ^{2}H(^{28}Si, X), E=200, 300 MeV / nucleon; measured σ, $\sigma(\theta)$. He, ^{12,14}N, ^{16}O, ^{18}F, ^{20}Ne, ^{22}Na, ^{24}Mg, ^{26}Al, ^{28}Si; measured momentum distributions, angular distributions; deduced single-event effects in microelectronics. JOUR PRVCA 77 044601
	2008MA39	RADIOACTIVITY ^{26}Si(β^+); measured Eγ, Iγ, Eβ, Iβ, $\beta\gamma$-coin, $T_{1/2}$, β-branching ratio using the IGISOL technique with the JYFLTRAP facility. Comparison with other results. JOUR ZAANE 37 151
^{26}Si	2007YOZW	NUCLEAR REACTIONS ^{208}Pb(^{23}Al, p^{22}Mg)^{208}Pb, E=50 MeV / nucleon; Pb(^{27}P, p^{26}Si)Pb, E=57 MeV / nucleon; measured Ep, Ip, p(θ), charged products, $\sigma(\theta)$. ^{22}Mg; deduced levels. ^{26}Si; deduced levels. CONF Lisbon (PROCON 2007),Proc.P246,Yoneda
	2008KW01	NUCLEAR REACTIONS ^{28}Si(α, ^{6}He), E=120 MeV; measured charged particle spectra, $\sigma(\theta)$. ^{26}Si; deduced level energies. JOUR KPSJA 53 1141
	2008MA39	RADIOACTIVITY ^{26}Si(β^+); measured Eγ, Iγ, Eβ, Iβ, $\beta\gamma$-coin, $T_{1/2}$, β-branching ratio using the IGISOL technique with the JYFLTRAP facility. Comparison with other results. JOUR ZAANE 37 151
^{26}S	2008GA10	NUCLEAR REACTIONS ^{9}Be(^{36}Ar, X)^{19}F / ^{20}Ne / ^{21}Na / ^{22}Mg / ^{23}Al, E=130 MeV / nucleon; measured energy loss, intensities for reaction products. ^{9}Be(^{24}Si, X)^{23}Al / ^{23}Si, E=85.3 MeV / nucleon; measured single-particle cross sections, momentum distributions, spectroscopic factors. ^{9}Be(^{28}S, X)^{27}P, E=80.7 MeV / nucleon; measured Eγ, Iγ.^{9}Be(^{28}S, X)^{27}P / ^{27}S, E=80.7 MeV / nucleon; measured single particle cross sections, spectroscopic factors, momentum distributions. ^{7}Li, ^{8}B, ^{9,12,15}C, ^{16}O, ^{32,34,36}Ar, ^{24,30}Si, ^{26,28}S, ^{31}P, ^{40,48}Ca, ^{51}V, ^{90}Zr, ^{208}Pb; systematics of cross sections. JOUR PRVCA 77 044306

A=27

^{27}Ne	2007EL10	NUCLEAR REACTIONS ^{1}H(^{28}Ne, ^{28}Ne'), (^{28}Ne, ^{27}Ne), E=51.3 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{27,28}Ne; deduced level energies. JOUR ZSTNE 150 99
	2007GI17	NUCLEAR REACTIONS ^{2}H(^{26}Ne, p), E=9.7 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin. ^{27}Ne; deduced levels, cross sections, and spectroscopic factors. JOUR ZSTNE 150 161

A=27 *(continued)*

	2008EL02	NUCLEAR REACTIONS ^{1}H(^{28}Ne, ^{27}Ne), E≈51.3 MeV / nucleon; ^{22}O(d, p)^{23}O, E=34 MeV / nucleon; measured Eγ, Iγ, cross sections. ^{27}Ne, ^{23}O; deduced levels, J, π, Spectroscopic factors. Compared results to model calculations. JOUR JPGPE 35 014038
^{27}Na	2008GIZZ	NUCLEAR REACTIONS ^{9}Be(^{9}Be, pγ), (^{9}Be, 2p), (^{9}Be, α), E=30, 35, 40 MeV; ^{18}O(^{11}B, p), (^{11}B, 2p), (^{11}B, α), E=50, 55, 60 MeV; ^{18}O(^{12}C, p), (^{12}C, 2p), (^{12}C, α), E=50, 55, 60 MeV; measured Eγ, Iγ, yields. CONF Yosemit(CNR 2007) Proc.P77,Gibelin
^{27}Mg	2007CL04	NUCLEAR REACTIONS ^{2}H, ^{12}C, ^{27}Al, ^{63}Cu, ^{197}Au(e, e'π^{+}), E=4.021-5.767 GeV; measured electron and pion energies. Deduced nuclear transparency. JOUR PRLTA 99 242502
	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008FIZZ	NUCLEAR REACTIONS ^{1,2}H, ^{6,7}Li, ^{9}Be, ^{10,11}B, ^{12,13}C, ^{14,15}N, ^{16}O, ^{19}F, ^{23,23m}Na, ^{24,25,26}Mg, ^{27}Al, ^{28,29,30}Si, ^{31}P, ^{32,33,34}S, ^{35,37}Cl, ^{39,40,41}K, ^{102,104,105,106,108,110}Pd(n, γ), E=thermal; measured cross sections; ^{10}B(n, α), E=thermal; measured cross sections; ^{25}Mg(n, γ), E=thermal;^{13}C(n, γ), E=thermal;^{105}Pd(n, γ), E=thermal; measured Eγ, Iγ; deduced cross section balance. compared experimental and calculated depopulation. CONF Yosemit(CNR 2007) Proc.P26,Firestone
	2008FU08	NUCLEAR REACTIONS ^{27}Al, ^{28}Si, ^{29}Si, ^{41}K, ^{51}V, ^{61}Ni, ^{65}Cu, ^{64,67}Zn, ^{69}Ga, ^{79}Br, ^{92}Mo(n, p), E=3.5-5.9 MeV; ^{69}Ga, ^{93}Nb(n, α), E=3.5-5.9 MeV; measured Eγ, Iγ, cross sections using the activation technique. JOUR ANEND 35 1652
	2008JO06	NUCLEAR REACTIONS ^{27}Al, ^{28}Si, ^{29}Si, ^{46,47}Ti, ^{54}Fe, ^{58}Ni, ^{64}Zn(n, p), ^{27}Al, ^{30}Si(n, α), ^{197}Au(n, γ), E= reactor; measured Eγ, Iγ, fast neutron spectrum averaged σ; comparator method. JOUR ARISE 66 1377
	2008KO05	NUCLEAR MOMENTS ^{25,27,29,31}Mg [from ^{238}U(p, X), E=1.4 GeV]; measured J, π of ground states, magnetic moments, hyperfine structure using laser and β-NMR spectroscopy. Compared with shell-model calculations. JOUR PRVCA 77 034307

A=27 *(continued)*

	2008TI05	NUCLEAR REACTIONS ^{56}Fe(p, X)^{7}Be / ^{22}Na / ^{24}Na / ^{27}Mg / ^{28}Mg / ^{29}Al / ^{38}S / ^{34m}Cl / ^{38}Cl / ^{39}Cl / ^{41}Ar / ^{42}K / ^{43}K / ^{44}K / ^{47}Ca / ^{43}Sc / ^{44}Sc / ^{44m}Sc / ^{46}Sc / ^{47}Sc / ^{48}Sc / ^{48}V / ^{48}Cr / ^{49}Cr / ^{51}Cr / ^{52}Mn / ^{52m}Mn / ^{54}Mn / ^{56}Mn / ^{52}Fe / ^{53}Fe / ^{55}Co / ^{56}Co / ^{57}Co, E=300, 500, 750, 1000, 1500, 2600 MeV; measured Eγ, Iγ, σ, mass distributions. ^{1}H(^{56}Fe, X)E=300, 500, 750, 100, 1500 MeV / nucleon; systematics of σ. ^{27}Al(p, x)^{22}Na; analyzed excitation function. JOUR PRVCA 78 034615
^{27}Al	2007LI81	NUCLEAR REACTIONS ^{27}Al(^{6}He, ^{6}He'), E=9.5-13.4 MeV; ^{51}V(^{7}Be, ^{7}Be'), E=26 MeV; measured reaction cross sections and angular distributions. Compared results to model calculations. JOUR ZSTNE 150 27
	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008TA15	NUCLEAR REACTIONS ^{1}H, ^{16}O, ^{23}Na, ^{27}Al, ^{28}Si(n, n'), (n, γ), E=14 MeV; measured Eγ, Iγ using a NaI(Tl) detector with multiple time-gated system for use with complex samples. JOUR JRNCD 276 639
^{27}Si	2008BU12	NUCLEAR REACTIONS ^{4}He(^{12}C, γ), E not given; ^{1}H(^{26}Al, γ), E not given; ^{4}He(^{40}Ca, γ), E(cm)=2.18-4.15 MeV; measured Eγ, Iγ; deduced astrophysical S-factor. JOUR NUPAB 805 462c
^{27}P	2008GA10	NUCLEAR REACTIONS ^{9}Be(^{36}Ar, X)^{19}F / ^{20}Ne / ^{21}Na / ^{22}Mg / ^{23}Al, E=130 MeV / nucleon; measured energy loss, intensities for reaction products. ^{9}Be(^{24}Si, X)^{23}Al / ^{23}Si, E=85.3 MeV / nucleon; measured single-particle cross sections, momentum distributions, spectroscopic factors. ^{9}Be(^{28}S, X)^{27}P, E=80.7 MeV / nucleon; measured Eγ, Iγ.^{9}Be(^{28}S, X)^{27}P / ^{27}S, E=80.7 MeV / nucleon; measured single particle cross sections, spectroscopic factors, momentum distributions. ^{7}Li, ^{8}B, ^{9,12,15}C, ^{16}O, ^{32,34,36}Ar, ^{24,30}Si, ^{26,28}S, ^{31}P, ^{40,48}Ca, ^{51}V, ^{90}Zr, ^{208}Pb; systematics of cross sections. JOUR PRVCA 77 044306
	2008TOZZ	NUCLEAR REACTIONS Pb(^{27}P, p^{26}Si), E=57 MeV / nucleon; measured Ep, Ip, relative energy spectrum. ^{27}P; deduced resonant states, γ-widths, coulomb dissociation cross sections. ^{26}Si(p, γ); deduced astrophysical reaction rates. CONF Sapporo(OMEG07),P193,Togano

A=28

^{28}Ne	2007EL10	NUCLEAR REACTIONS ^{1}H(^{28}Ne, ^{28}Ne'), (^{28}Ne, ^{27}Ne), E=51.3 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{27,28}Ne; deduced level energies. JOUR ZSTNE 150 99
	2007ROZY	RADIOACTIVITY ^{28,29,30}Ne; measured Eγ, Iγ, $\gamma\gamma$-coinc. ^{28,29,30}Ne; deduced levels, J, π. THESIS E Rodriguez-Vieitez, University of California Berkeley
^{28}Mg	2008GIZZ	NUCLEAR REACTIONS ^{9}Be(^{9}Be, pγ), (^{9}Be, 2p), (^{9}Be, α), E=30, 35, 40 MeV; ^{18}O(^{11}B, p), (^{11}B, 2p), (^{11}B, α), E=50, 55, 60 MeV; ^{18}O(^{12}C, p), (^{12}C, 2p), (^{12}C, α), E=50, 55, 60 MeV; measured Eγ, Iγ, yields. CONF Yosemit(CNR 2007) Proc.P77,Gibelin
	2008TI05	NUCLEAR REACTIONS ^{56}Fe(p, X)^{7}Be / ^{22}Na / ^{24}Na / ^{27}Mg / ^{28}Mg / ^{29}Al / ^{38}S / ^{34m}Cl / ^{38}Cl / ^{39}Cl / ^{41}Ar / ^{42}K / ^{43}K / ^{44}K / ^{47}Ca / ^{43}Sc / ^{44}Sc / ^{44m}Sc / ^{46}Sc / ^{47}Sc / ^{48}Sc / ^{48}V / ^{48}Cr / ^{49}Cr / ^{51}Cr / ^{52}Mn / ^{52m}Mn / ^{54}Mn / ^{56}Mn / ^{52}Fe / ^{53}Fe / ^{55}Co / ^{56}Co / ^{57}Co, E=300, 500, 750, 1000, 1500, 2600 MeV; measured Eγ, Iγ, σ, mass distributions. ^{1}H(^{56}Fe, X)E=300, 500, 750, 100, 1500 MeV / nucleon; systematics of σ. ^{27}Al(p, x)^{22}Na; analyzed excitation function. JOUR PRVCA 78 034615
	2008TR04	RADIOACTIVITY ^{32}Na(β^-) [from ^{9}Be(^{48}Ca, X), E=140 MeV / nucleon]; measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives; deduced Iβ, B(GT), logft. ^{32}Mg; deduced levels, Jπ. ^{26,28,30,34,36}Mg, ^{28,30,32,34,36,38}Si; systematics. Comparison with shell-model calculations. JOUR PRVCA 77 034310
^{28}Al	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008BE18	NUCLEAR REACTIONS ^{14}N(n, γ), E=low; measured Eγ, Iγ using cold neutron source. ^{27}Al, ^{207}Pb(n, γ), E=thermal; calculated σ. Effect on PGAA results discussed. JOUR JRNCD 276 609
	2008FIZZ	NUCLEAR REACTIONS ^{1,2}H, ^{6,7}Li, ^{9}Be, ^{10,11}B, ^{12,13}C, ^{14,15}N, ^{16}O, ^{19}F, ^{23,23m}Na, ^{24,25,26}Mg, ^{27}Al, ^{28,29,30}Si, ^{31}P, ^{32,33,34}S, ^{35,37}Cl, ^{39,40,41}K, ^{102,104,105,106,108,110}Pd(n, γ), E=thermal; measured cross sections; ^{10}B(n, α), E=thermal; measured cross sections; ^{25}Mg(n, γ), E=thermal;^{13}C(n, γ), E=thermal;^{105}Pd(n, γ), E=thermal; measured Eγ, Iγ; deduced cross section balance. compared experimental and calculated depopulation. CONF Yosemit(CNR 2007) Proc.P26,Firestone

A=28 *(continued)*

	2008FU08	NUCLEAR REACTIONS ^{27}Al, ^{28}Si, ^{29}Si, ^{41}K, ^{51}V, ^{61}Ni, ^{65}Cu, ^{64,67}Zn, ^{69}Ga, ^{79}Br, ^{92}Mo(n, p), E=3.5-5.9 MeV; ^{69}Ga, ^{93}Nb(n, α), E=3.5-5.9 MeV; measured Eγ, Iγ, cross sections using the activation technique. JOUR ANEND 35 1652
	2008GU12	NUCLEAR REACTIONS ^{27}Al(d, p)^{28}Al, E= 1.3 - 2.3 MeV; ^{27}Al(d, α)^{25}Mg, E=1.5-2.4 MeV; measured Ep, Eα, σ(E); comparison with previous results, model predictions. JOUR NIMBE 266 3535
	2008HA14	NUCLEAR REACTIONS ^{1}H, ^{12}C, ^{28}Si(e, e'K^{+}), E=1.8 GeV; measured hypernuclei missing mass spectra using the Tilt method. JOUR NUPAB 804 125
	2008HI05	NUCLEAR REACTIONS ^{18}O(^{14}C, np), E=22 MeV; measured Eγ, Iγ, (particle)γ-coin, $\gamma(\theta)$. ^{30}Al; deduced levels, J, π, comparison with shell-model calculations. ^{26}Na, ^{28,32}Al, ^{30,32,34}P; systematics. JOUR PRVCA 77 034305
	2008JO06	NUCLEAR REACTIONS ^{27}Al, ^{28}Si, ^{29}Si, ^{46,47}Ti, ^{54}Fe, ^{58}Ni, ^{64}Zn(n, p), ^{27}Al, ^{30}Si(n, α), ^{197}Au(n, γ), E= reactor; measured Eγ, Iγ, fast neutron spectrum averaged σ; comparator method. JOUR ARISE 66 1377
	2008PE12	NUCLEAR REACTIONS ^{27}Al(d, p), (d, α), ^{28,29}Si(d, p), E=1-2 MeV; measured $\sigma(\theta$, E). Comparison with other data. JOUR NIMBE 266 2268
	2008RE07	NUCLEAR REACTIONS ^{20}Ne, ^{27}Al, ^{40}Ar, ^{84}Kr, ^{131,132}Xe, ^{208}Pb, ^{235,238}U(n, γ), E=low; measured Eγ, Iγ using cold neutron source and an "invisible container". JOUR JRNCD 276 825
	2008RU04	NUCLEAR REACTIONS ^{98,100}Mo(γ, γ'), E<15 MeV; measured Eγ, Iγ, photoabsorption σ, giant resonances, angular distributions, distribution of mean branching ratios, dipole strength functions; deduced multipolarities. ^{27}Al, ^{28}Si, ^{56}Fe, ^{63}Cu, ^{70,72,73,74}Ge(n, γ), E=thermal; measured Eγ, Iγ. ^{99,101}Mo(γ, n); analyzed cross sections. ^{97}Mo(n, γ), ^{98}Mo(^{3}He, ^{3}He'γ); comparisons. JOUR PRVCA 77 064321
	2008ST11	NUCLEAR REACTIONS ^{24}Mg(α, γ), E=1.0-1.5 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, branching ratios, resonance strengths. ^{28}Si; deduced levels, J, π, reaction rates. ^{13}C, ^{17}O, ^{21,22}Ne, ^{25}Mg(α, n); ^{16}O, ^{20}Ne(α, γ); ^{23}Na, ^{24}Mg, ^{27}Al(p, γ); ^{23}Na, ^{24}Mg, ^{27}Al, ^{28}Si(n, γ); ^{25}Al(γ, p); ^{27}Al(p, α); analyzed reaction rates. JOUR PRVCA 77 055801
	2008TA15	NUCLEAR REACTIONS ^{1}H, ^{16}O, ^{23}Na, ^{27}Al, ^{28}Si(n, n'), (n, γ), E=14 MeV; measured Eγ, Iγ using a NaI(Tl) detector with multiple time-gated system for use with complex samples. JOUR JRNCD 276 639
^{28}Si	2006BE65	ATOMIC MASSES ^{28}Si, ^{209}Bi; measured masses using Penning trap method relative to ^{12}C. Accurate determination of the Avogadro constant and mass standard. JOUR IMSPF 251 220
	2006RE19	ATOMIC MASSES ^{13}C, ^{14}N, ^{28}Si, ^{31}P; measured masses and ratio of ionic masses using Penning trap measurement. JOUR IMSPF 251 125
	2007MI50	NUCLEAR MOMENTS ^{25}Al, ^{28}P(β^{+}); measured spin lattice relaxation times for spin polarized nuclei implanted in a Pt foil using the β-NMR method. JOUR HYIND 178 83

A=28 *(continued)*

2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609

2007PA42 NUCLEAR REACTIONS ^{28}Si(^{6}Li, X)^{29}Si / ^{32}S / ^{29}P / ^{28}Si, E=9, 13 MeV; measured production cross sections, Eγ, Iγ, angular distributions. JOUR PRVCA 76 054601

2007ZH54 NUCLEAR MOMENTS ^{28}P(β^+); measured ground state magnetic moment using the β-NMR method. JOUR HYIND 180 37

2008JA03 NUCLEAR REACTIONS ^{1}H, ^{2}H(^{28}Si, X), E=200, 300 MeV / nucleon; measured σ, $\sigma(\theta)$. He, ^{12,14}N, ^{16}O, ^{18}F, ^{20}Ne, ^{22}Na, ^{24}Mg, ^{26}Al, ^{28}Si; measured momentum distributions, angular distributions; deduced single-event effects in microelectronics. JOUR PRVCA 77 044601

2008ST11 NUCLEAR REACTIONS ^{24}Mg(α, γ), E=1.0-1.5 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, branching ratios, resonance strengths. ^{28}Si; deduced levels, J, π, reaction rates. ^{13}C, ^{17}O, ^{21,22}Ne, ^{25}Mg(α, n); ^{16}O, ^{20}Ne(α, γ); ^{23}Na, ^{24}Mg, ^{27}Al(p, γ); ^{23}Na, ^{24}Mg, ^{27}Al, ^{28}Si(n, γ); ^{25}Al(γ, p); ^{27}Al(p, α); analyzed reaction rates. JOUR PRVCA 77 055801

2008TA15 NUCLEAR REACTIONS ^{1}H, ^{16}O, ^{23}Na, ^{27}Al, ^{28}Si(n, n'), (n, γ), E=14 MeV; measured Eγ, Iγ using a NaI(Tl) detector with multiple time-gated system for use with complex samples. JOUR JRNCD 276 639

2008TR04 RADIOACTIVITY ^{32}Na(β^-) [from ^{9}Be(^{48}Ca, X), E=140 MeV / nucleon]; measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives; deduced Iβ, B(GT), logft. ^{32}Mg; deduced levels, Jπ. ^{26,28,30,34,36}Mg, ^{28,30,32,34,36,38}Si; systematics. Comparison with shell-model calculations. JOUR PRVCA 77 034310

2008VOZY NUCLEAR REACTIONS ^{27}Al, ^{59}Co, ^{65}Cu(d, n), E=7.5 MeV; measured neutron time of flight; deduced level densities. ^{59}Co(p, γ), E=1.9 MeV; measured Eγ, Iγ; ^{57}Fe(^{3}He, ^{3}He'), E=10 MeV; measured charged particle energies and angular distributions; deduced γ strength functions. CONF Yosemite(CNR 2007) Proc.P61,Voinov

^{28}P 2007MI50 NUCLEAR MOMENTS ^{25}Al, ^{28}P(β^+); measured spin lattice relaxation times for spin polarized nuclei implanted in a Pt foil using the β-NMR method. JOUR HYIND 178 83

2007OH11 NUCLEAR REACTIONS Be(^{22}Ne, ^{23}Ne), (^{24}Mg, ^{24}Al), (^{24}Mg, ^{25}Al), (^{28}Si, ^{28}P), E=100 MeV / nucleon; ^{23}Ne, ^{24,25}Al, ^{28}P; measured polarization using the β-NMR technique. JOUR HYIND 180 85

A=28 *(continued)*

	2007ZH54	NUCLEAR MOMENTS ^{28}P(β^+); measured ground state magnetic moment using the β-NMR method. JOUR HYIND 180 37
^{28}S	2007BU36	NUCLEAR REACTIONS ^{9}Be(^{37}Ca, X)^{36}Ca / ^{28}S, E=61 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{36}Ca, ^{28}S; deduced levels. JOUR ZSTNE 150 89
	2008GA10	NUCLEAR REACTIONS ^{9}Be(^{36}Ar, X)^{19}F / ^{20}Ne / ^{21}Na / ^{22}Mg / ^{23}Al, E=130 MeV / nucleon; measured energy loss, intensities for reaction products. ^{9}Be(^{24}Si, X)^{23}Al / ^{23}Si, E=85.3 MeV / nucleon; measured single-particle cross sections, momentum distributions, spectroscopic factors. ^{9}Be(^{28}S, X)^{27}P, E=80.7 MeV / nucleon; measured Eγ, Iγ.^{9}Be(^{28}S, X)^{27}P / ^{27}S, E=80.7 MeV / nucleon; measured single particle cross sections, spectroscopic factors, momentum distributions. ^{7}Li, ^{8}B, ^{9,12,15}C, ^{16}O, ^{32,34,36}Ar, ^{24,30}Si, ^{26,28}S, ^{31}P, ^{40,48}Ca, ^{51}V, ^{90}Zr, ^{208}Pb; systematics of cross sections. JOUR PRVCA 77 044306

A=29

^{29}Ne	2007ROZY	RADIOACTIVITY ^{28,29,30}Ne; measured Eγ, Iγ, $\gamma\gamma$-coinc. ^{28,29,30}Ne; deduced levels, J, π. THESIS E Rodriguez-Vieitez, University of California Berkeley
^{29}Mg	2008KO05	NUCLEAR MOMENTS ^{25,27,29,31}Mg [from ^{238}U(p, X), E=1.4 GeV]; measured J, π of ground states, magnetic moments, hyperfine structure using laser and β-NMR spectroscopy. Compared with shell-model calculations. JOUR PRVCA 77 034307
	2008TE02	NUCLEAR REACTIONS ^{9}Be(^{30}Mg, ^{29}Mg), E=85.8 MeV / nucleon; ^{9}Be(^{32}Mg, ^{31}Mg), E=75.7 MeV / nucleon; measured Eγ, Iγ, (fragment)γ-coin, cross sections; deduced spectroscopic factors. ^{29,31}Mg; deduced levels, angular momenta, half-lives. Single-particle knockout reaction. JOUR PRVCA 77 014316
^{29}Al	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008FU08	NUCLEAR REACTIONS ^{27}Al, ^{28}Si, ^{29}Si, ^{41}K, ^{51}V, ^{61}Ni, ^{65}Cu, ^{64,67}Zn, ^{69}Ga, ^{79}Br, ^{92}Mo(n, p), E=3.5-5.9 MeV; ^{69}Ga, ^{93}Nb(n, α), E=3.5-5.9 MeV; measured Eγ, Iγ, cross sections using the activation technique. JOUR ANEND 35 1652

A=29 ***(continued)***

	2008GIZZ	NUCLEAR REACTIONS ^{9}Be(^{9}Be, pγ), (^{9}Be, 2p), (^{9}Be, α), E=30, 35, 40 MeV; ^{18}O(^{11}B, p), (^{11}B, 2p), (^{11}B, α), E=50, 55, 60 MeV; ^{18}O(^{12}C, p), (^{12}C, 2p), (^{12}C, α), E=50, 55, 60 MeV; measured Eγ, Iγ, yields. CONF Yosemit(CNR 2007) Proc.P77,Gibelin
	2008HI05	RADIOACTIVITY ^{30}Mg(β^-), (β^-n), (2β^-) [from ^{9}Be(^{48}Ca, X), E=140 MeV / nucleon]; measured Eγ, Iγ, $\beta\gamma$-coin, $\beta\gamma\gamma$-coin, half-lives. ^{30}Al; deduced levels, J, π. JOUR PRVCA 77 034305
	2008JO06	NUCLEAR REACTIONS ^{27}Al, ^{28}Si, ^{29}Si, ^{46,47}Ti, ^{54}Fe, ^{58}Ni, ^{64}Zn(n, p), ^{27}Al, ^{30}Si(n, α), ^{197}Au(n, γ), E= reactor; measured Eγ, Iγ, fast neutron spectrum averaged σ; comparator method. JOUR ARISE 66 1377
	2008TI05	NUCLEAR REACTIONS ^{56}Fe(p, X)^{7}Be / ^{22}Na / ^{24}Na / ^{27}Mg / ^{28}Mg / ^{29}Al / ^{38}S / ^{34m}Cl / ^{38}Cl / ^{39}Cl / ^{41}Ar / ^{42}K / ^{43}K / ^{44}K / ^{47}Ca / ^{43}Sc / ^{44}Sc / ^{44m}Sc / ^{46}Sc / ^{47}Sc / ^{48}Sc / ^{48}V / ^{48}Cr / ^{49}Cr / ^{51}Cr / ^{52}Mn / ^{52m}Mn / ^{54}Mn / ^{56}Mn / ^{52}Fe / ^{53}Fe / ^{55}Co / ^{56}Co / ^{57}Co, E=300, 500, 750, 1000, 1500, 2600 MeV; measured Eγ, Iγ, σ, mass distributions. ^{1}H(^{56}Fe, X)E=300, 500, 750, 100, 1500 MeV / nucleon; systematics of σ. ^{27}Al(p, x)^{22}Na; analyzed excitation function. JOUR PRVCA 78 034615
^{29}Si	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2007PA42	NUCLEAR REACTIONS ^{28}Si(^{6}Li, X)^{29}Si / ^{32}S / ^{29}P / ^{28}Si, E=9, 13 MeV; measured production cross sections, Eγ, Iγ, angular distributions. JOUR PRVCA 76 054601
	2008FIZZ	NUCLEAR REACTIONS ^{1,2}H, ^{6,7}Li, ^{9}Be, ^{10,11}B, ^{12,13}C, ^{14,15}N, ^{16}O, ^{19}F, ^{23,23m}Na, ^{24,25,26}Mg, ^{27}Al, ^{28,29,30}Si, ^{31}P, ^{32,33,34}S, ^{35,37}Cl, ^{39,40,41}K, ^{102,104,105,106,108,110}Pd(n, γ), E=thermal; measured cross sections; ^{10}B(n, α), E=thermal; measured cross sections; ^{25}Mg(n, γ), E=thermal;^{13}C(n, γ), E=thermal;^{105}Pd(n, γ), E=thermal; measured Eγ, Iγ; deduced cross section balance. compared experimental and calculated depopulation. CONF Yosemit(CNR 2007) Proc.P26,Firestone
	2008PE12	NUCLEAR REACTIONS ^{27}Al(d, p), (d, α), ^{28,29}Si(d, p), E=1-2 MeV; measured $\sigma(\theta$, E). Comparison with other data. JOUR NIMBE 266 2268

A=29 *(continued)*

	2008RU04	NUCLEAR REACTIONS ^{98,100}Mo(γ, γ'), E<15 MeV; measured Eγ, Iγ, photoabsorption σ, giant resonances, angular distributions, distribution of mean branching ratios, dipole strength functions; deduced multipolarities. ^{27}Al, ^{28}Si, ^{56}Fe, ^{63}Cu, ^{70,72,73,74}Ge(n, γ), E=thermal; measured Eγ, Iγ. ^{99,101}Mo(γ, n); analyzed cross sections. ^{97}Mo(n, γ), ^{98}Mo(^{3}He, ^{3}He'γ); comparisons. JOUR PRVCA 77 064321
	2008ST11	NUCLEAR REACTIONS ^{24}Mg(α, γ), E=1.0-1.5 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, branching ratios, resonance strengths. ^{28}Si; deduced levels, J, π, reaction rates. ^{13}C, ^{17}O, ^{21,22}Ne, ^{25}Mg(α, n); ^{16}O, ^{20}Ne(α, γ); ^{23}Na, ^{24}Mg, ^{27}Al(p, γ); ^{23}Na, ^{24}Mg, ^{27}Al, ^{28}Si(n, γ); ^{25}Al(γ, p); ^{27}Al(p, α); analyzed reaction rates. JOUR PRVCA 77 055801
	2008TA15	NUCLEAR REACTIONS ^{1}H, ^{16}O, ^{23}Na, ^{27}Al, ^{28}Si(n, n'), (n, γ), E=14 MeV; measured Eγ, Iγ using a NaI(Tl) detector with multiple time-gated system for use with complex samples. JOUR JRNCD 276 639
^{29}P	2007PA42	NUCLEAR REACTIONS ^{28}Si(^{6}Li, X)^{29}Si / ^{32}S / ^{29}P / ^{28}Si, E=9, 13 MeV; measured production cross sections, Eγ, Iγ, angular distributions. JOUR PRVCA 76 054601
^{29}S	2007LIZQ	NUCLEAR REACTIONS ^{12}C(^{29}S, X)^{29}S, E=46.8 MeV / nucleon; measured Ep, Ip, pp-coin. ^{29}S; deduced σ(1p), σ(2p). CONF Lisbon (PROCON 2007),Proc.P117,Lin

A=30

^{30}Ne	2007ROZY	RADIOACTIVITY ^{28,29,30}Ne; measured Eγ, Iγ, $\gamma\gamma$-coinc. ^{28,29,30}Ne; deduced levels, J, π. THESIS E Rodriguez-Vieitez, University of California Berkeley
^{30}Na	2008ET01	NUCLEAR REACTIONS ^{209}Bi(^{30}Na, ^{30}Na'), E=80.1 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin, $\sigma(\theta)$. ^{30}Na; deduced B(E2). Comparison with shell-model calculations. JOUR PRVCA 78 017302
	2008TR04	NUCLEAR REACTIONS ^{9}Be(^{48}Ca, X)^{30}Na / ^{31}Na / ^{32}Na / ^{33}Mg, E=140 MeV / nucleon; measured yields. JOUR PRVCA 77 034310
^{30}Mg	2008HI05	RADIOACTIVITY ^{30}Mg(β^-), (β^-n), (2β^-) [from ^{9}Be(^{48}Ca, X), E=140 MeV / nucleon]; measured Eγ, Iγ, $\beta\gamma$-coin, $\beta\gamma\gamma$-coin, half-lives. ^{30}Al; deduced levels, J, π. JOUR PRVCA 77 034305
	2008TR04	RADIOACTIVITY ^{32}Na(β^-) [from ^{9}Be(^{48}Ca, X), E=140 MeV / nucleon]; measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives; deduced Iβ, B(GT), logft. ^{32}Mg; deduced levels, Jπ. ^{26,28,30,34,36}Mg, ^{28,30,32,34,36,38}Si; systematics. Comparison with shell-model calculations. JOUR PRVCA 77 034310

A=30 *(continued)*

^{30}Al	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2007UE02	RADIOACTIVITY ^{30,31,32}Al(β^-); measured magnetic dipole and electric quadrupole moments using the β-NMR method. JOUR ZSTNE 150 185
	2008HI05	RADIOACTIVITY ^{30}Mg(β^-), (β^-n), ($2\beta^-$) [from ^{9}Be(^{48}Ca, X), E=140 MeV / nucleon]; measured Eγ, Iγ, $\beta\gamma$-coin, $\beta\gamma\gamma$-coin, half-lives. ^{30}Al; deduced levels, J, π. JOUR PRVCA 77 034305
	2008HI05	NUCLEAR REACTIONS ^{18}O(^{14}C, np), E=22 MeV; measured Eγ, Iγ, (particle)γ-coin, $\gamma(\theta)$. ^{30}Al; deduced levels, J, π, comparison with shell-model calculations. ^{26}Na, ^{28,32}Al, ^{30,32,34}P; systematics. JOUR PRVCA 77 034305
^{30}Si	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2007UE02	RADIOACTIVITY ^{30,31,32}Al(β^-); measured magnetic dipole and electric quadrupole moments using the β-NMR method. JOUR ZSTNE 150 185
	2008FIZZ	NUCLEAR REACTIONS ^{1,2}H, ^{6,7}Li, ^{9}Be, ^{10,11}B, ^{12,13}C, ^{14,15}N, ^{16}O, ^{19}F, ^{23,23m}Na, ^{24,25,26}Mg, ^{27}Al, ^{28,29,30}Si, ^{31}P, ^{32,33,34}S, ^{35,37}Cl, ^{39,40,41}K, ^{102,104,105,106,108,110}Pd(n, γ), E=thermal; measured cross sections; ^{10}B(n, α), E=thermal; measured cross sections; ^{25}Mg(n, γ), E=thermal;^{13}C(n, γ), E=thermal;^{105}Pd(n, γ), E=thermal; measured Eγ, Iγ; deduced cross section balance. compared experimental and calculated depopulation. CONF Yosemit(CNR 2007) Proc.P26,Firestone

A=30 *(continued)*

	2008GA10	NUCLEAR REACTIONS ^{9}Be(^{36}Ar, X)^{19}F / ^{20}Ne / ^{21}Na / ^{22}Mg / ^{23}Al, E=130 MeV / nucleon; measured energy loss, intensities for reaction products. ^{9}Be(^{24}Si, X)^{23}Al / ^{23}Si, E=85.3 MeV / nucleon; measured single-particle cross sections, momentum distributions, spectroscopic factors. ^{9}Be(^{28}S, X)^{27}P, E=80.7 MeV / nucleon; measured Eγ, Iγ.^{9}Be(^{28}S, X)^{27}P / ^{27}S, E=80.7 MeV / nucleon; measured single particle cross sections, spectroscopic factors, momentum distributions. ^{7}Li, ^{8}B, ^{9,12,15}C, ^{16}O, ^{32,34,36}Ar, ^{24,30}Si, ^{26,28}S, ^{31}P, ^{40,48}Ca, ^{51}V, ^{90}Zr, ^{208}Pb; systematics of cross sections. JOUR PRVCA 77 044306
	2008HI05	RADIOACTIVITY ^{30}Mg(β^-), (β^-n), (2β^-) [from ^{9}Be(^{48}Ca, X), E=140 MeV / nucleon]; measured Eγ, Iγ, $\beta\gamma$-coin, $\beta\gamma\gamma$-coin, half-lives. ^{30}Al; deduced levels, J, π. JOUR PRVCA 77 034305
	2008PE12	NUCLEAR REACTIONS ^{27}Al(d, p), (d, α), ^{28,29}Si(d, p), E=1-2 MeV; measured $\sigma(\theta$, E). Comparison with other data. JOUR NIMBE 266 2268
	2008TR04	RADIOACTIVITY ^{32}Na(β^-) [from ^{9}Be(^{48}Ca, X), E=140 MeV / nucleon]; measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives; deduced Iβ, B(GT), logft. ^{32}Mg; deduced levels, Jπ. ^{26,28,30,34,36}Mg, ^{28,30,32,34,36,38}Si; systematics. Comparison with shell-model calculations. JOUR PRVCA 77 034310
^{30}P	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008HI05	NUCLEAR REACTIONS ^{18}O(^{14}C, np), E=22 MeV; measured Eγ, Iγ, (particle)γ-coin, $\gamma(\theta$). ^{30}Al; deduced levels, J, π, comparison with shell-model calculations. ^{26}Na, ^{28,32}Al, ^{30,32,34}P; systematics. JOUR PRVCA 77 034305
	2008WRZZ	RADIOACTIVITY ^{31}S(p) [from ^{31}P(^{3}He, t)]; measured proton spectra, triton spectra, pt-coin, angular correlations. ^{31}S; deduced levels, J, π. PREPRINT Wrede
^{30}S	2008GA07	NUCLEAR REACTIONS ^{1}H(^{31}S, ^{30}S), E=71 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin. ^{30}S; deduced level energies, J, π. JOUR JPGPE 35 014030

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^{31}Na	2008TR04	NUCLEAR REACTIONS ^{9}Be(^{48}Ca, X)^{30}Na / ^{31}Na / ^{32}Na / ^{33}Mg, E=140 MeV / nucleon; measured yields. JOUR PRVCA 77 034310
^{31}Mg	2008KO05	NUCLEAR MOMENTS ^{25,27,29,31}Mg [from ^{238}U(p, X), E=1.4 GeV]; measured J, π of ground states, magnetic moments, hyperfine structure using laser and β-NMR spectroscopy. Compared with shell-model calculations. JOUR PRVCA 77 034307
	2008TE02	NUCLEAR REACTIONS ^{9}Be(^{30}Mg, ^{29}Mg), E=85.8 MeV / nucleon; ^{9}Be(^{32}Mg, ^{31}Mg), E=75.7 MeV / nucleon; measured Eγ, Iγ, (fragment)γ-coin, cross sections; deduced spectroscopic factors. ^{29,31}Mg; deduced levels, angular momenta, half-lives. Single-particle knockout reaction. JOUR PRVCA 77 014316
^{31}Al	2007KA68	NUCLEAR MOMENTS ^{32,31}Al(β^-); measured ground state electric quadrupole moments using the β-NQR method. JOUR HYIND 180 61
	2007NAZP	RADIOACTIVITY ^{31}Al(β^-) [from fragmentation of ^{40}Ar projectile]; measured β-spectra; ^{31}Al; deduced quadrupole moment. Polarized target, electric field gradient method. CONF Kyoto(Spin Physics) Proc.P853,Nagae
	2007UE02	RADIOACTIVITY ^{30,31,32}Al(β^-); measured magnetic dipole and electric quadrupole moments using the β-NMR method. JOUR ZSTNE 150 185
	2008NAZZ	NUCLEAR REACTIONS ^{93}Nb(^{40}Ar, X)^{31}Al, E=95 MeV / nucleon; measured ground state electric quadrupole moment for a spin polarized beam using β-NMR spectroscopy. PREPRINT arXiv:0810.2879v1 [nucl-ex]
^{31}Si	2007KA68	NUCLEAR MOMENTS ^{32,31}Al(β^-); measured ground state electric quadrupole moments using the β-NQR method. JOUR HYIND 180 61
	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2007NAZP	RADIOACTIVITY ^{31}Al(β^-) [from fragmentation of ^{40}Ar projectile]; measured β-spectra; ^{31}Al; deduced quadrupole moment. Polarized target, electric field gradient method. CONF Kyoto(Spin Physics) Proc.P853,Nagae
	2007UE02	RADIOACTIVITY ^{30,31,32}Al(β^-); measured magnetic dipole and electric quadrupole moments using the β-NMR method. JOUR ZSTNE 150 185

A=31 ***(continued)***

	2008FIZZ	NUCLEAR REACTIONS ^{1,2}H, ^{6,7}Li, ^{9}Be, ^{10,11}B, ^{12,13}C, ^{14,15}N, ^{16}O, ^{19}F, ^{23,23m}Na, ^{24,25,26}Mg, ^{27}Al, ^{28,29,30}Si, ^{31}P, ^{32,33,34}S, ^{35,37}Cl, ^{39,40,41}K, ^{102,104,105,106,108,110}Pd(n, γ), E=thermal; measured cross sections; ^{10}B(n, α), E=thermal; measured cross sections; ^{25}Mg(n, γ), E=thermal;^{13}C(n, γ), E=thermal;^{105}Pd(n, γ), E=thermal; measured Eγ, Iγ; deduced cross section balance. compared experimental and calculated depopulation. CONF Yosemit(CNR 2007) Proc.P26,Firestone
	2008PA27	NUCLEAR REACTIONS ^{16}O(^{16}O, n), (^{16}O, p), E=29 MeV; measured Eγ, Iγ, half-lives using Doppler Shift Attenuation method. ^{31}S, ^{31}P; deduced B(E1). ^{31}Si, ^{31}P, ^{31,35}S, ^{35}Cl, ^{35}Ar; analyzed B(E1), isospin mixing. JOUR PRVCA 78 024301
^{31}P	2006RE19	ATOMIC MASSES ^{13}C, ^{14}N, ^{28}Si, ^{31}P; measured masses and ratio of ionic masses using Penning trap measurement. JOUR IMSPF 251 125
	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008GA10	NUCLEAR REACTIONS ^{9}Be(^{36}Ar, X)^{19}F / ^{20}Ne / ^{21}Na / ^{22}Mg / ^{23}Al, E=130 MeV / nucleon; measured energy loss, intensities for reaction products. ^{9}Be(^{24}Si, X)^{23}Al / ^{23}Si, E=85.3 MeV / nucleon; measured single-particle cross sections, momentum distributions, spectroscopic factors. ^{9}Be(^{28}S, X)^{27}P, E=80.7 MeV / nucleon; measured Eγ, Iγ.^{9}Be(^{28}S, X)^{27}P / ^{27}S, E=80.7 MeV / nucleon; measured single particle cross sections, spectroscopic factors, momentum distributions. ^{7}Li, ^{8}B, ^{9,12,15}C, ^{16}O, ^{32,34,36}Ar, ^{24,30}Si, ^{26,28}S, ^{31}P, ^{40,48}Ca, ^{51}V, ^{90}Zr, ^{208}Pb; systematics of cross sections. JOUR PRVCA 77 044306
	2008PA27	NUCLEAR REACTIONS ^{16}O(^{16}O, n), (^{16}O, p), E=29 MeV; measured Eγ, Iγ, half-lives using Doppler Shift Attenuation method. ^{31}S, ^{31}P; deduced B(E1). ^{31}Si, ^{31}P, ^{31,35}S, ^{35}Cl, ^{35}Ar; analyzed B(E1), isospin mixing. JOUR PRVCA 78 024301
^{31}S	2007WR01	NUCLEAR REACTIONS ^{31}P(^{3}He, t), E=20 MeV; measured charged particle spectra, angular distributions; ^{31}S; deduced resonance energies, levels, J, π, ^{30}P(p, γ) reaction rates, width parameters, spectroscopic factors. Comparison with ^{31}P level scheme. JOUR PRVCA 76 052802

A=31 ***(continued)***

	2008BH08	RADIOACTIVITY ^{32}Ar(β^+) [from ^{9}Be(^{36}Ar, X), E=100 MeV / nucleon]; measured Eγ, Iγ, Ep, Ip, pγ-coin. ^{32}Ar; deduced superallowed decay branching ratio, ft value, isospin symmetry breaking correction. ^{32}Cl; deduced levels, J, π. ^{31}S; deduced levels, π. Comparison with theoretical data. JOUR PRVCA 77 065503
	2008PA27	NUCLEAR REACTIONS ^{16}O(^{16}O, n), (^{16}O, p), E=29 MeV; measured Eγ, Iγ, half-lives using Doppler Shift Attenuation method. ^{31}S, ^{31}P; deduced B(E1). ^{31}Si, ^{31}P, ^{31,35}S, ^{35}Cl, ^{35}Ar; analyzed B(E1), isospin mixing. JOUR PRVCA 78 024301
	2008WRZZ	NUCLEAR REACTIONS ^{31}P(^{3}He, t), E=20, 25 MeV; measured triton spectra. ^{32}S(d, t), E=25 MeV; measured triton spectra. ^{31}S; deduced levels, J, π. ^{30}P(p, γ); calculated reaction rates at astrophysical energies. PREPRINT Wrede
	2008WRZZ	RADIOACTIVITY ^{31}S(p) [from ^{31}P(^{3}He, t)]; measured proton spectra, triton spectra, pt-coin, angular correlations. ^{31}S; deduced levels, J, π. PREPRINT Wrede

A=32

^{32}Na	2008TR04	NUCLEAR REACTIONS ^{9}Be(^{48}Ca, X)^{30}Na / ^{31}Na / ^{32}Na / ^{33}Mg, E=140 MeV / nucleon; measured yields. JOUR PRVCA 77 034310
	2008TR04	RADIOACTIVITY ^{32}Na(β^-) [from ^{9}Be(^{48}Ca, X), E=140 MeV / nucleon]; measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives; deduced Iβ, B(GT), logft. ^{32}Mg; deduced levels, Jπ. ^{26,28,30,34,36}Mg, ^{28,30,32,34,36,38}Si; systematics. Comparison with shell-model calculations. JOUR PRVCA 77 034310
^{32}Mg	2006TAZT	NUCLEAR REACTIONS ^{1}H(^{32}Mg, ^{32}Mg'), E=56 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin, particle angular distributions. ^{32}Mg(p, p'); inverse kinematics. CONF Tokyo (SENUF 06),P153,Takeuchi
	2008TR04	RADIOACTIVITY ^{32}Na(β^-) [from ^{9}Be(^{48}Ca, X), E=140 MeV / nucleon]; measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives; deduced Iβ, B(GT), logft. ^{32}Mg; deduced levels, Jπ. ^{26,28,30,34,36}Mg, ^{28,30,32,34,36,38}Si; systematics. Comparison with shell-model calculations. JOUR PRVCA 77 034310
^{32}Al	2007KA68	NUCLEAR MOMENTS ^{32,31}Al(β^-); measured ground state electric quadrupole moments using the β-NQR method. JOUR HYIND 180 61
	2007KAZP	RADIOACTIVITY ^{32}Al(β^-) [from fragmentation of ^{40}Ar projectile]; measured β-spectra; ^{32}Al; deduced quadrupole moment. Polarized target, electric field gradient method. CONF Kyoto(Spin Physics) Proc.P845,Kameda
	2007UE02	RADIOACTIVITY ^{30,31,32}Al(β^-); measured magnetic dipole and electric quadrupole moments using the β-NMR method. JOUR ZSTNE 150 185
	2008HI05	NUCLEAR REACTIONS ^{18}O(^{14}C, np), E=22 MeV; measured Eγ, Iγ, (particle)γ-coin, $\gamma(\theta)$. ^{30}Al; deduced levels, J, π, comparison with shell-model calculations. ^{26}Na, ^{28,32}Al, ^{30,32,34}P; systematics. JOUR PRVCA 77 034305

A=32 ***(continued)***

^{32}Si	2007KA68	NUCLEAR MOMENTS ^{32,31}Al(β^-); measured ground state electric quadrupole moments using the β-NQR method. JOUR HYIND 180 61
	2007KAZP	RADIOACTIVITY ^{32}Al(β^-) [from fragmentation of ^{40}Ar projectile]; measured β-spectra; ^{32}Al; deduced quadrupole moment. Polarized target, electric field gradient method. CONF Kyoto(Spin Physics) Proc.P845,Kameda
	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2007UE02	RADIOACTIVITY ^{30,31,32}Al(β^-); measured magnetic dipole and electric quadrupole moments using the β-NMR method. JOUR ZSTNE 150 185
	2008TR04	RADIOACTIVITY ^{32}Na(β^-) [from ^{9}Be(^{48}Ca, X), E=140 MeV / nucleon]; measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives; deduced Iβ, B(GT), logft. ^{32}Mg; deduced levels, Jπ. ^{26,28,30,34,36}Mg, ^{28,30,32,34,36,38}Si; systematics. Comparison with shell-model calculations. JOUR PRVCA 77 034310
^{32}P	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609

A=32 *(continued)*

	2008FIZZ	NUCLEAR REACTIONS ^{1,2}H, ^{6,7}Li, ^{9}Be, ^{10,11}B, ^{12,13}C, ^{14,15}N, ^{16}O, ^{19}F, ^{23,23m}Na, ^{24,25,26}Mg, ^{27}Al, ^{28,29,30}Si, ^{31}P, ^{32,33,34}S, ^{35,37}Cl, ^{39,40,41}K, ^{102,104,105,106,108,110}Pd(n, γ), E=thermal; measured cross sections; ^{10}B(n, α), E=thermal; measured cross sections; ^{25}Mg(n, γ), E=thermal;^{13}C(n, γ), E=thermal;^{105}Pd(n, γ), E=thermal; measured Eγ, Iγ; deduced cross section balance. compared experimental and calculated depopulation. CONF Yosemit(CNR 2007) Proc.P26,Firestone
	2008HI05	NUCLEAR REACTIONS ^{18}O(^{14}C, np), E=22 MeV; measured Eγ, Iγ, (particle)γ-coin, $\gamma(\theta)$. ^{30}Al; deduced levels, J, π, comparison with shell-model calculations. ^{26}Na, ^{28,32}Al, ^{30,32,34}P; systematics. JOUR PRVCA 77 034305
^{32}S	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2007PA42	NUCLEAR REACTIONS ^{28}Si(^{6}Li, X)^{29}Si / ^{32}S / ^{29}P / ^{28}Si, E=9, 13 MeV; measured production cross sections, Eγ, Iγ, angular distributions. JOUR PRVCA 76 054601
	2008BU21	NUCLEAR REACTIONS ^{32}S, ^{140}Ce, ^{208}Pb(γ, γ'), E=2-7 MeV; measured Eγ, γ-ray linear polarizations. ^{140}Ce; deduced levels, J, π, asymmetries. Bremsstrahlung beam, Compton polarimetry. JOUR PRVCA 78 044309
	2008KIZZ	NUCLEAR REACTIONS ^{12}C(^{20}Ne, X)^{32}S, ^{12}C(^{24}Mg, X)^{36}Ar, ^{24}Mg(^{20}Ne, X)^{44}Ti, ^{24}Mg(^{36}Ar, X)^{60}Zn, E* $\approx$50 MeV; measured Eγ, Iγ, cross sections; deduced GDR Strength functions, isospin mixing probability. CONF Crete(FINUSTAR 2),Proc.P371,Kicinska-Habior
	2008MUZZ	NUCLEAR REACTIONS ^{170}Er(^{13}C, X), E=70, 80 MeV; ^{24}Mg(^{16}O, 2α), E=50 MeV; measured Eγ, Iγ, Eα, Iα, $\alpha\gamma\gamma$-coin. CONF Crete(FINUSTAR 2),Proc.P404,Mullins
^{32}Cl	2008BH08	RADIOACTIVITY ^{32}Ar(β^{+}) [from ^{9}Be(^{36}Ar, X), E=100 MeV / nucleon]; measured Eγ, Iγ, Ep, Ip, pγ-coin. ^{32}Ar; deduced superallowed decay branching ratio, ft value, isospin symmetry breaking correction. ^{32}Cl; deduced levels, J, π. ^{31}S; deduced levels, π. Comparison with theoretical data. JOUR PRVCA 77 065503
	2008BH08	ATOMIC MASSES ^{32}Cl; measured masses. Q-value method. JOUR PRVCA 77 065503

A=32 *(continued)*

^{32}Ar	2008BH08	RADIOACTIVITY ^{32}Ar(β^+) [from ^{9}Be(^{36}Ar, X), E=100 MeV / nucleon]; measured Eγ, Iγ, Ep, Ip, pγ-coin. ^{32}Ar; deduced superallowed decay branching ratio, ft value, isospin symmetry breaking correction. ^{32}Cl; deduced levels, J, π. ^{31}S; deduced levels, π. Comparison with theoretical data. JOUR PRVCA 77 065503
	2008GA10	NUCLEAR REACTIONS ^{9}Be(^{36}Ar, X)^{19}F / ^{20}Ne / ^{21}Na / ^{22}Mg / ^{23}Al, E=130 MeV / nucleon; measured energy loss, intensities for reaction products. ^{9}Be(^{24}Si, X)^{23}Al / ^{23}Si, E=85.3 MeV / nucleon; measured single-particle cross sections, momentum distributions, spectroscopic factors. ^{9}Be(^{28}S, X)^{27}P, E=80.7 MeV / nucleon; measured Eγ, Iγ.^{9}Be(^{28}S, X)^{27}P / ^{27}S, E=80.7 MeV / nucleon; measured single particle cross sections, spectroscopic factors, momentum distributions. ^{7}Li, ^{8}B, ^{9,12,15}C, ^{16}O, ^{32,34,36}Ar, ^{24,30}Si, ^{26,28}S, ^{31}P, ^{40,48}Ca, ^{51}V, ^{90}Zr, ^{208}Pb; systematics of cross sections. JOUR PRVCA 77 044306

A=33

^{33}Mg	2008TR04	NUCLEAR REACTIONS ^{9}Be(^{48}Ca, X)^{30}Na / ^{31}Na / ^{32}Na / ^{33}Mg, E=140 MeV / nucleon; measured yields. JOUR PRVCA 77 034310
	2008TR07	RADIOACTIVITY ^{33}Mg(β^-); measured Eγ, Iγ. ^{33}Al; deduced levels, J, π, configurations. Compared results to model calculations. JOUR PRLTA 101 142504
^{33}Al	2008TR07	RADIOACTIVITY ^{33}Mg(β^-); measured Eγ, Iγ. ^{33}Al; deduced levels, J, π, configurations. Compared results to model calculations. JOUR PRLTA 101 142504
^{33}P	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609

A=33 *(continued)*

^{33}S	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008FIZZ	NUCLEAR REACTIONS ^{1,2}H, ^{6,7}Li, ^{9}Be, ^{10,11}B, ^{12,13}C, ^{14,15}N, ^{16}O, ^{19}F, ^{23,23m}Na, ^{24,25,26}Mg, ^{27}Al, ^{28,29,30}Si, ^{31}P, ^{32,33,34}S, ^{35,37}Cl, ^{39,40,41}K, ^{102,104,105,106,108,110}Pd(n, γ), E=thermal; measured cross sections; ^{10}B(n, α), E=thermal; measured cross sections; ^{25}Mg(n, γ), E=thermal;^{13}C(n, γ), E=thermal;^{105}Pd(n, γ), E=thermal; measured Eγ, Iγ; deduced cross section balance. compared experimental and calculated depopulation. CONF Yosemit(CNR 2007) Proc.P26,Firestone
	2008LA07	NUCLEAR REACTIONS ^{32}S(d, p), E=1975-2600 keV; measured $\sigma(\theta)$. Comparison with other data. JOUR NIMBE 266 2259

A=34

^{34}Mg	2008TR04	RADIOACTIVITY ^{32}Na(β^-) [from ^{9}Be(^{48}Ca, X), E=140 MeV / nucleon]; measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives; deduced Iβ, B(GT), logft. ^{32}Mg; deduced levels, Jπ. ^{26,28,30,34,36}Mg, ^{28,30,32,34,36,38}Si; systematics. Comparison with shell-model calculations. JOUR PRVCA 77 034310
^{34}Al	2008HI01	RADIOACTIVITY ^{34}Al(β^-); measured β-assymetry. ^{34}Al; deduced g-factor, μ; deduced ground state J, π and intruder configuration contribution. JOUR PYLBB 658 203
^{34}Si	2008HI01	RADIOACTIVITY ^{34}Al(β^-); measured β-assymetry. ^{34}Al; deduced g-factor, μ; deduced ground state J, π and intruder configuration contribution. JOUR PYLBB 658 203
	2008ON02	NUCLEAR REACTIONS ^{9}Be(^{16}C, ^{16}C'), E=40 MeV / nucleon;^{9}Be(^{18}C, ^{18}C'), (^{18}C, ^{11}Be), (^{18}C, ^{16}N), E=79 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives using recoil shadow method. ^{11}Be, ^{16}N, ^{16,18}C; deduced levels, J, π, B(E2). ^{14}C, ^{16,18,20,22}O, ^{34}Si, ^{38,40,46,48}Ca; comparison of B(E2) values. JOUR PRVCA 78 014308
	2008TR04	RADIOACTIVITY ^{32}Na(β^-) [from ^{9}Be(^{48}Ca, X), E=140 MeV / nucleon]; measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives; deduced Iβ, B(GT), logft. ^{32}Mg; deduced levels, Jπ. ^{26,28,30,34,36}Mg, ^{28,30,32,34,36,38}Si; systematics. Comparison with shell-model calculations. JOUR PRVCA 77 034310

A=34 *(continued)*

	2008WI09	NUCLEAR REACTIONS ^{208}Pb(^{36}S, X), E=230 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin. ^{34}Si, ^{35}P; deduced levels, J, π, B(E2). Comparison with shell model calculations. JOUR PRVCA 78 037302
^{34}P	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008HI05	NUCLEAR REACTIONS ^{18}O(^{14}C, np), E=22 MeV; measured Eγ, Iγ, (particle)γ-coin, $\gamma(\theta)$. ^{30}Al; deduced levels, J, π, comparison with shell-model calculations. ^{26}Na, ^{28,32}Al, ^{30,32,34}P; systematics. JOUR PRVCA 77 034305
^{34}S	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008FIZZ	NUCLEAR REACTIONS ^{1,2}H, ^{6,7}Li, ^{9}Be, ^{10,11}B, ^{12,13}C, ^{14,15}N, ^{16}O, ^{19}F, ^{23,23m}Na, ^{24,25,26}Mg, ^{27}Al, ^{28,29,30}Si, ^{31}P, ^{32,33,34}S, ^{35,37}Cl, ^{39,40,41}K, ^{102,104,105,106,108,110}Pd(n, γ), E=thermal; measured cross sections; ^{10}B(n, α), E=thermal; measured cross sections; ^{25}Mg(n, γ), E=thermal;^{13}C(n, γ), E=thermal;^{105}Pd(n, γ), E=thermal; measured Eγ, Iγ; deduced cross section balance. compared experimental and calculated depopulation. CONF Yosemit(CNR 2007) Proc.P26,Firestone

A=34 *(continued)*

^{34}Cl	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008HAZZ	RADIOACTIVITY ^{10}C, ^{14}O, ^{22}Mg, ^{26m}Al, ^{34}Cl, ^{34}Ar, ^{38m}K, ^{42}Sc, ^{46}V, ^{50}Mn, ^{54}Co, ^{62}Ga, ^{74}Rb; analyzed superallowed β-decay data. ^{34}Ar(β^+), (EC) [from ^{1}H(^{35}Cl, 2n), E=35 MeV / nucleon]; measured Eγ, Iγ, Eβ, $\beta\gamma$ coin; deduced β^++EC branches for superallowed β decay. CONF Sinaia(Exotic Nuclei and Nucl.Part.Astorphysics(II)) Proc.P119,Ha
	2008NA03	NUCLEAR REACTIONS S(α, X)^{34}Cl, E=14.2-69.5 MeV; measured Eγ, Iγ, thick target saturation yield. S(α, X)^{34}Cl, E=14.2-69.5 MeV; Deduced excitation function. JOUR NIMBE 266 709
	2008TI05	NUCLEAR REACTIONS ^{56}Fe(p, X)^{7}Be / ^{22}Na / ^{24}Na / ^{27}Mg / ^{28}Mg / ^{29}Al / ^{38}S / ^{34m}Cl / ^{38}Cl / ^{39}Cl / ^{41}Ar / ^{42}K / ^{43}K / ^{44}K / ^{47}Ca / ^{43}Sc / ^{44}Sc / ^{44m}Sc / ^{46}Sc / ^{47}Sc / ^{48}Sc / ^{48}V / ^{48}Cr / ^{49}Cr / ^{51}Cr / ^{52}Mn / ^{52m}Mn / ^{54}Mn / ^{56}Mn / ^{52}Fe / ^{53}Fe / ^{55}Co / ^{56}Co / ^{57}Co, E=300, 500, 750, 1000, 1500, 2600 MeV; measured Eγ, Iγ, σ, mass distributions. ^{1}H(^{56}Fe, X)E=300, 500, 750, 100, 1500 MeV / nucleon; systematics of σ. ^{27}Al(p, x)^{22}Na; analyzed excitation function. JOUR PRVCA 78 034615
^{34}Ar	2006JO14	ATOMIC MASSES ^{96,97,98,99,100,101,102,103,104,105,106}Zr, ^{98,99,100,101,102,103,104,105,106}Nb, ^{99,100,101,102,103,104,105,106,107,108,109,110}Mo; reviewed cooling and trapping techniques, high-precision measurements of the ground state properties of exotic nuclei. Penning trap (JYFLTRAP at IGISOL facility) method and collinear laser spectroscopy. ^{117}Pd; measured conversion electrons from isomer decay. ^{22}Mg, ^{34}Ar, ^{46}V, ^{62}Ga, ^{74}Rb; reviewed superallowed β decay Ft values. ^{92}Br; measured time of flight spectrum.^{102}Nb; measured γ rays following β^- decay. JOUR IMSPF 251 204
	2008FI07	RADIOACTIVITY ^{62}Ga(β^+); measured Eγ, Iγ, Eβ, $\beta\gamma$-coin, branching ratios; deduced ft values. ^{62}Zn; deduced levels, J, π. ^{10}C, ^{14}O, ^{22}Mg, ^{26m}Al, ^{34}Ca, ^{34}Ar, ^{38m}K, ^{42}Sc, ^{46}V, ^{50}Mn, ^{54}Co, ^{62}Ga, ^{74}Rb; systematics of superallowed β decays and ft values. JOUR PRVCA 78 025502

A=34 *(continued)*

	2008GA10	NUCLEAR REACTIONS ^{9}Be(^{36}Ar, X)^{19}F / ^{20}Ne / ^{21}Na / ^{22}Mg / ^{23}Al, E=130 MeV / nucleon; measured energy loss, intensities for reaction products. ^{9}Be(^{24}Si, X)^{23}Al / ^{23}Si, E=85.3 MeV / nucleon; measured single-particle cross sections, momentum distributions, spectroscopic factors. ^{9}Be(^{28}S, X)^{27}P, E=80.7 MeV / nucleon; measured Eγ, Iγ.^{9}Be(^{28}S, X)^{27}P / ^{27}S, E=80.7 MeV / nucleon; measured single particle cross sections, spectroscopic factors, momentum distributions. ^{7}Li, ^{8}B, ^{9,12,15}C, ^{16}O, ^{32,34,36}Ar, ^{24,30}Si, ^{26,28}S, ^{31}P, ^{40,48}Ca, ^{51}V, ^{90}Zr, ^{208}Pb; systematics of cross sections. JOUR PRVCA 77 044306
	2008HAZZ	RADIOACTIVITY ^{10}C, ^{14}O, ^{22}Mg, ^{26m}Al, ^{34}Cl, ^{34}Ar, ^{38m}K, ^{42}Sc, ^{46}V, ^{50}Mn, ^{54}Co, ^{62}Ga, ^{74}Rb; analyzed superallowed β-decay data. ^{34}Ar(β^+), (EC) [from ^{1}H(^{35}Cl, 2n), E=35 MeV / nucleon]; measured Eγ, Iγ, Eβ, $\beta\gamma$ coin; deduced β^++EC branches for superallowed β decay. CONF Sinaia(Exotic Nuclei and Nucl.Part.Astorphysics(II)) Proc.P119,Ha
^{34}Ca	2008FI07	RADIOACTIVITY ^{62}Ga(β^+); measured Eγ, Iγ, Eβ, $\beta\gamma$-coin, branching ratios; deduced ft values. ^{62}Zn; deduced levels, J, π. ^{10}C, ^{14}O, ^{22}Mg, ^{26m}Al, ^{34}Ca, ^{34}Ar, ^{38m}K, ^{42}Sc, ^{46}V, ^{50}Mn, ^{54}Co, ^{62}Ga, ^{74}Rb; systematics of superallowed β decays and ft values. JOUR PRVCA 78 025502

A=35

^{35}Si	2007NE14	RADIOACTIVITY ^{35}Si(β^-); measured ground state g-factor using the β-NMR method. JOUR ZSTNE 150 149
^{35}P	2007NE14	RADIOACTIVITY ^{35}Si(β^-); measured ground state g-factor using the β-NMR method. JOUR ZSTNE 150 149
	2008WI09	NUCLEAR REACTIONS ^{208}Pb(^{36}S, X), E=230 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin. ^{34}Si, ^{35}P; deduced levels, J, π, B(E2). Comparison with shell model calculations. JOUR PRVCA 78 037302
^{35}S	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609

A=35 *(continued)*

	2008FIZZ	NUCLEAR REACTIONS ^{1,2}H, ^{6,7}Li, ^{9}Be, ^{10,11}B, ^{12,13}C, ^{14,15}N, ^{16}O, ^{19}F, ^{23,23m}Na, ^{24,25,26}Mg, ^{27}Al, ^{28,29,30}Si, ^{31}P, ^{32,33,34}S, ^{35,37}Cl, ^{39,40,41}K, ^{102,104,105,106,108,110}Pd(n, γ), E=thermal; measured cross sections; ^{10}B(n, α), E=thermal; measured cross sections; ^{25}Mg(n, γ), E=thermal;^{13}C(n, γ), E=thermal;^{105}Pd(n, γ), E=thermal; measured Eγ, Iγ; deduced cross section balance. compared experimental and calculated depopulation. CONF Yosemit(CNR 2007) Proc.P26,Firestone
	2008MI07	RADIOACTIVITY ^{37}K(β^+); measured electric quadrupole moment using the β-NQR technique. ^{35}S, ^{37}Ar, ^{35,37,39}K, ^{39}Ca; analyzed electric quadrupole moment using shell model and effective charge dependency. JOUR PYLBB 662 389
	2008PA27	NUCLEAR REACTIONS ^{16}O(^{16}O, n), (^{16}O, p), E=29 MeV; measured Eγ, Iγ, half-lives using Doppler Shift Attenuation method. ^{31}S, ^{31}P; deduced B(E1). ^{31}Si, ^{31}P, ^{31,35}S, ^{35}Cl, ^{35}Ar; analyzed B(E1), isospin mixing. JOUR PRVCA 78 024301
^{35}Cl	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008PA27	NUCLEAR REACTIONS ^{16}O(^{16}O, n), (^{16}O, p), E=29 MeV; measured Eγ, Iγ, half-lives using Doppler Shift Attenuation method. ^{31}S, ^{31}P; deduced B(E1). ^{31}Si, ^{31}P, ^{31,35}S, ^{35}Cl, ^{35}Ar; analyzed B(E1), isospin mixing. JOUR PRVCA 78 024301
^{35}Ar	2006KO63	RADIOACTIVITY ^{26m}Al, ^{38m}K(β^+); measured recoil energy spectrum in β decay, $\beta\nu(\theta)$. ^{20}Ne, ^{23}Na, ^{39}K; measured excitation, and ion beam properties on the WITCH set-up. Penning trap method. ^{35}Ar; measured half-life and time-of-flight spectrum. JOUR IMSPF 251 159
	2008PA27	NUCLEAR REACTIONS ^{16}O(^{16}O, n), (^{16}O, p), E=29 MeV; measured Eγ, Iγ, half-lives using Doppler Shift Attenuation method. ^{31}S, ^{31}P; deduced B(E1). ^{31}Si, ^{31}P, ^{31,35}S, ^{35}Cl, ^{35}Ar; analyzed B(E1), isospin mixing. JOUR PRVCA 78 024301
^{35}K	2008MI07	RADIOACTIVITY ^{37}K(β^+); measured electric quadrupole moment using the β-NQR technique. ^{35}S, ^{37}Ar, ^{35,37,39}K, ^{39}Ca; analyzed electric quadrupole moment using shell model and effective charge dependency. JOUR PYLBB 662 389

A=36

^{36}Mg	2008TR04	RADIOACTIVITY ^{32}Na(β^-) [from ^{9}Be(^{48}Ca, X), E=140 MeV / nucleon]; measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives; deduced Iβ, B(GT), logft. ^{32}Mg; deduced levels, Jπ. ^{26,28,30,34,36}Mg, ^{28,30,32,34,36,38}Si; systematics. Comparison with shell-model calculations. JOUR PRVCA 77 034310
^{36}Si	2008TR04	RADIOACTIVITY ^{32}Na(β^-) [from ^{9}Be(^{48}Ca, X), E=140 MeV / nucleon]; measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives; deduced Iβ, B(GT), logft. ^{32}Mg; deduced levels, Jπ. ^{26,28,30,34,36}Mg, ^{28,30,32,34,36,38}Si; systematics. Comparison with shell-model calculations. JOUR PRVCA 77 034310
^{36}S	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008NE04	NUCLEAR REACTIONS ^{40}Ca(polarized p, pα), E=100 MeV; measured analyzing powers, comparison with theory. ^{36}S; deduced levels, J. DWIA calculations. JOUR PRVCA 77 037601
	2008SP01	NUCLEAR REACTIONS ^{12}C(^{36}S, ^{36}S'), (^{36}S, ^{40}Ar), E=70 MeV; measured Eγ, Iγ, $T_{1/2}$ using transient field technique and DSA; ^{36}S, ^{40}Ar; deduced B(E2), g-factor. Comparison with shell model and previous results. JOUR PYLBB 659 101
^{36}Cl	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609

A=36 *(continued)*

	2008FIZZ	NUCLEAR REACTIONS ^{1,2}H, ^{6,7}Li, ^{9}Be, ^{10,11}B, ^{12,13}C, ^{14,15}N, ^{16}O, ^{19}F, ^{23,23m}Na, ^{24,25,26}Mg, ^{27}Al, ^{28,29,30}Si, ^{31}P, ^{32,33,34}S, ^{35,37}Cl, ^{39,40,41}K, ^{102,104,105,106,108,110}Pd(n, γ), E=thermal; measured cross sections; ^{10}B(n, α), E=thermal; measured cross sections; ^{25}Mg(n, γ), E=thermal;^{13}C(n, γ), E=thermal;^{105}Pd(n, γ), E=thermal; measured Eγ, Iγ; deduced cross section balance. compared experimental and calculated depopulation. CONF Yosemit(CNR 2007) Proc.P26,Firestone
^{36}Ar	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008AM01	NUCLEAR REACTIONS Fe, Ni(p, X)^{3}He / ^{4}He / ^{21}Ne / ^{22}Ne / ^{36}Ar / ^{38}Ar, E < 1.6 GeV; measured cross sections and excitation functions. JOUR NIMBE 266 2
	2008GA10	NUCLEAR REACTIONS ^{9}Be(^{36}Ar, X)^{19}F / ^{20}Ne / ^{21}Na / ^{22}Mg / ^{23}Al, E=130 MeV / nucleon; measured energy loss, intensities for reaction products. ^{9}Be(^{24}Si, X)^{23}Al / ^{23}Si, E=85.3 MeV / nucleon; measured single-particle cross sections, momentum distributions, spectroscopic factors. ^{9}Be(^{28}S, X)^{27}P, E=80.7 MeV / nucleon; measured Eγ, Iγ.^{9}Be(^{28}S, X)^{27}P / ^{27}S, E=80.7 MeV / nucleon; measured single particle cross sections, spectroscopic factors, momentum distributions. ^{7}Li, ^{8}B, ^{9,12,15}C, ^{16}O, ^{32,34,36}Ar, ^{24,30}Si, ^{26,28}S, ^{31}P, ^{40,48}Ca, ^{51}V, ^{90}Zr, ^{208}Pb; systematics of cross sections. JOUR PRVCA 77 044306
	2008KIZZ	NUCLEAR REACTIONS ^{12}C(^{20}Ne, X)^{32}S, ^{12}C(^{24}Mg, X)^{36}Ar, ^{24}Mg(^{20}Ne, X)^{44}Ti, ^{24}Mg(^{36}Ar, X)^{60}Zn, E* ≈50 MeV; measured Eγ, Iγ, cross sections; deduced GDR Strength functions, isospin mixing probability. CONF Crete(FINUSTAR 2),Proc.P371,Kicinska-Habior
	2008NE04	NUCLEAR REACTIONS ^{40}Ca(polarized p, pα), E=100 MeV; measured analyzing powers, comparison with theory. ^{36}S; deduced levels, J. DWIA calculations. JOUR PRVCA 77 037601
^{36}Ca	2007BU36	NUCLEAR REACTIONS ^{9}Be(^{37}Ca, X)^{36}Ca / ^{28}S, E=61 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{36}Ca, ^{28}S; deduced levels. JOUR ZSTNE 150 89

A=37

^{37}S	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
^{37}Cl	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008KA10	NUCLEAR REACTIONS ^{36}S, ^{38}Ar(p, γ), E=0.8-2.8 MeV; measured Eγ, Iγ. ^{37}Cl; deduced levels, B(M1). ^{37}Cl, ^{39}K; deduced total MDR strength functions. JOUR BRSPE 72 403
^{37}Ar	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609

A=37 *(continued)*

	2008MI07	RADIOACTIVITY ^{37}K(β^+); measured electric quadrupole moment using the β-NQR technique. ^{35}S, ^{37}Ar, ^{35,37,39}K, ^{39}Ca; analyzed electric quadrupole moment using shell model and effective charge dependency. JOUR PYLBB 662 389
	2008SA04	NUCLEAR REACTIONS ^{24}Mg(^{24}Mg, ^{24}Mg'), ^{24}Mg(^{24}Mg, X)^{45}Ti / ^{44}Sc / ^{42}Ca / ^{41}Ca / ^{41}K / ^{39}K / ^{38}Ar / ^{37}Ar, E=91.72, 92.62 MeV; measured (fragment)γ-, (charged particle)γ- and $\gamma\gamma$-coin; deduced ON / OFF resonance yield ratios for the inelastic and fusion evaporation channels. ON resonance formation of ^{48}Cr discussed. ^{45}Ti deduced levels, J, π. JOUR NUPAB 801 1
^{37}K	2008MI07	RADIOACTIVITY ^{37}K(β^+); measured electric quadrupole moment using the β-NQR technique. ^{35}S, ^{37}Ar, ^{35,37,39}K, ^{39}Ca; analyzed electric quadrupole moment using shell model and effective charge dependency. JOUR PYLBB 662 389
	2008MU05	ATOMIC MASSES ^{21,22,23}Na, ^{22,24}Mg, ^{37,39}K; measured and evaluated masses using the ISOLTRAP Penning trap mass spectrometer. JOUR ZAANE 35 31

A=38

^{38}Si	2008TR04	RADIOACTIVITY ^{32}Na(β^-) [from ^{9}Be(^{48}Ca, X), E=140 MeV / nucleon]; measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives; deduced Iβ, B(GT), logft. ^{32}Mg; deduced levels, Jπ. ^{26,28,30,34,36}Mg, ^{28,30,32,34,36,38}Si; systematics. Comparison with shell-model calculations. JOUR PRVCA 77 034310
^{38}S	2007KLZX	NUCLEAR REACTIONS ^{40}Ar(μ^-, νX)^{40}Cl / ^{39}Cl / ^{38}Cl / ^{39}S / ^{38}S, E not given; measured Eγ, Iγ; deduced μ $T_{1/2}$ in ^{40}Ar, isotope yields. CONF Prague (MEDEX'07),Proc.P49,Klinskih
	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008LE12	RADIOACTIVITY ^{38m}K(β^+), ^{38m}Cl(β^+);measured positron spectra, Eγ, Iγ, $\beta\gamma$-coin, $T_{1/2}$; deduced Ft for superallowed decay, comparison with other superallowed decays. JOUR PRLTA 100 192504

A=38 *(continued)*

	2008TI05	NUCLEAR REACTIONS ^{56}Fe(p, X)^{7}Be / ^{22}Na / ^{24}Na / ^{27}Mg / ^{28}Mg / ^{29}Al / ^{38}S / ^{34m}Cl / ^{38}Cl / ^{39}Cl / ^{41}Ar / ^{42}K / ^{43}K / ^{44}K / ^{47}Ca / ^{43}Sc / ^{44}Sc / ^{44m}Sc / ^{46}Sc / ^{47}Sc / ^{48}Sc / ^{48}V / ^{48}Cr / ^{49}Cr / ^{51}Cr / ^{52}Mn / ^{52m}Mn / ^{54}Mn / ^{56}Mn / ^{52}Fe / ^{53}Fe / ^{55}Co / ^{56}Co / ^{57}Co, E=300, 500, 750, 1000, 1500, 2600 MeV; measured Eγ, Iγ, σ, mass distributions. ^{1}H(^{56}Fe, X)E=300, 500, 750, 100, 1500 MeV / nucleon; systematics of σ. ^{27}Al(p, x)^{22}Na; analyzed excitation function. JOUR PRVCA 78 034615
^{38}Cl	2007KLZX	NUCLEAR REACTIONS ^{40}Ar(μ^-, νX)^{40}Cl / ^{39}Cl / ^{38}Cl / ^{39}S / ^{38}S, E not given; measured Eγ, Iγ; deduced μ $T_{1/2}$ in ^{40}Ar, isotope yields. CONF Prague (MEDEX'07),Proc.P49,Klinskih
	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008FIZZ	NUCLEAR REACTIONS ^{1,2}H, ^{6,7}Li, ^{9}Be, ^{10,11}B, ^{12,13}C, ^{14,15}N, ^{16}O, ^{19}F, ^{23,23m}Na, ^{24,25,26}Mg, ^{27}Al, ^{28,29,30}Si, ^{31}P, ^{32,33,34}S, ^{35,37}Cl, ^{39,40,41}K, ^{102,104,105,106,108,110}Pd(n, γ), E=thermal; measured cross sections; ^{10}B(n, α), E=thermal; measured cross sections; ^{25}Mg(n, γ), E=thermal;^{13}C(n, γ), E=thermal;^{105}Pd(n, γ), E=thermal; measured Eγ, Iγ; deduced cross section balance. compared experimental and calculated depopulation. CONF Yosemit(CNR 2007) Proc.P26,Firestone
	2008KL02	NUCLEAR REACTIONS ^{40}Ar(μ^-, ν), (μ^-, nν), (μ^-, 2nν), E not given; measured Eγ, Iγ, muon lifetime, isotopic yields. JOUR BRSPE 72 735
	2008LE12	RADIOACTIVITY ^{38m}K(β^+), ^{38m}Cl(β^+);measured positron spectra, Eγ, Iγ, $\beta\gamma$-coin, $T_{1/2}$; deduced Ft for superallowed decay, comparison with other superallowed decays. JOUR PRLTA 100 192504
	2008TI05	NUCLEAR REACTIONS ^{56}Fe(p, X)^{7}Be / ^{22}Na / ^{24}Na / ^{27}Mg / ^{28}Mg / ^{29}Al / ^{38}S / ^{34m}Cl / ^{38}Cl / ^{39}Cl / ^{41}Ar / ^{42}K / ^{43}K / ^{44}K / ^{47}Ca / ^{43}Sc / ^{44}Sc / ^{44m}Sc / ^{46}Sc / ^{47}Sc / ^{48}Sc / ^{48}V / ^{48}Cr / ^{49}Cr / ^{51}Cr / ^{52}Mn / ^{52m}Mn / ^{54}Mn / ^{56}Mn / ^{52}Fe / ^{53}Fe / ^{55}Co / ^{56}Co / ^{57}Co, E=300, 500, 750, 1000, 1500, 2600 MeV; measured Eγ, Iγ, σ, mass distributions. ^{1}H(^{56}Fe, X)E=300, 500, 750, 100, 1500 MeV / nucleon; systematics of σ. ^{27}Al(p, x)^{22}Na; analyzed excitation function. JOUR PRVCA 78 034615

A=38 *(continued)*

	2008VO04	NUCLEAR REACTIONS ^{180,182}Hf(n, γ), E=thermal; measured Eγ, Iγ, σ, reaction rates. ^{94,96}Zr(n, γ), E=thermal; measured reaction rates. ^{23}Na, ^{37}Cl, ^{55}Mn, ^{115}In, ^{179}Hf, ^{182}Ta(n, γ), E=thermal; measured Eγ. JOUR PRVCA 77 044608
^{38}Ar	2006KO63	RADIOACTIVITY ^{26m}Al, ^{38m}K(β^+); measured recoil energy spectrum in β decay, $\beta\nu(\theta)$. ^{20}Ne, ^{23}Na, ^{39}K; measured excitation, and ion beam properties on the WITCH set-up. Penning trap method. ^{35}Ar; measured half-life and time-of-flight spectrum. JOUR IMSPF 251 159
	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008AM01	NUCLEAR REACTIONS Fe, Ni(p, X)^{3}He / ^{4}He / ^{21}Ne / ^{22}Ne / ^{36}Ar / ^{38}Ar, E < 1.6 GeV; measured cross sections and excitation functions. JOUR NIMBE 266 2
	2008BL01	NUCLEAR MOMENTS ^{38,40,41,42,43,44}Ar; measured isotope shifts, hfs; deduced charge radii, J, μ, quadrupole moment. Fast-beam collinear laser spectroscopy. JOUR NUPAB 799 30
	2008LE12	RADIOACTIVITY ^{38m}K(β^+), ^{38m}Cl(β^+);measured positron spectra, Eγ, Iγ, $\beta\gamma$-coin, $T_{1/2}$; deduced Ft for superallowed decay, comparison with other superallowed decays. JOUR PRLTA 100 192504
	2008SA04	NUCLEAR REACTIONS ^{24}Mg(^{24}Mg, ^{24}Mg'), ^{24}Mg(^{24}Mg, X)^{45}Ti / ^{44}Sc / ^{42}Ca / ^{41}Ca / ^{41}K / ^{39}K / ^{38}Ar / ^{37}Ar, E=91.72, 92.62 MeV; measured (fragment)γ-, (charged particle)γ- and $\gamma\gamma$-coin; deduced ON / OFF resonance yield ratios for the inelastic and fusion evaporation channels. ON resonance formation of ^{48}Cr discussed. ^{45}Ti deduced levels, J, π. JOUR NUPAB 801 1
^{38}K	2006KO63	RADIOACTIVITY ^{26m}Al, ^{38m}K(β^+); measured recoil energy spectrum in β decay, $\beta\nu(\theta)$. ^{20}Ne, ^{23}Na, ^{39}K; measured excitation, and ion beam properties on the WITCH set-up. Penning trap method. ^{35}Ar; measured half-life and time-of-flight spectrum. JOUR IMSPF 251 159
	2008FI07	RADIOACTIVITY ^{62}Ga(β^+); measured Eγ, Iγ, Eβ, $\beta\gamma$-coin, branching ratios; deduced ft values. ^{62}Zn; deduced levels, J, π. ^{10}C, ^{14}O, ^{22}Mg, ^{26m}Al, ^{34}Ca, ^{34}Ar, ^{38m}K, ^{42}Sc, ^{46}V, ^{50}Mn, ^{54}Co, ^{62}Ga, ^{74}Rb; systematics of superallowed β decays and ft values. JOUR PRVCA 78 025502

A=38 *(continued)*

	2008HAZZ	RADIOACTIVITY ^{10}C, ^{14}O, ^{22}Mg, ^{26m}Al, ^{34}Cl, ^{34}Ar, ^{38m}K, ^{42}Sc, ^{46}V, ^{50}Mn, ^{54}Co, ^{62}Ga, ^{74}Rb; analyzed superallowed β-decay data. ^{34}Ar(β^+), (EC) [from ^{1}H(^{35}Cl, 2n), E=35 MeV / nucleon]; measured Eγ, Iγ, Eβ, $\beta\gamma$ coin; deduced β^++EC branches for superallowed β decay. CONF Sinaia(Exotic Nuclei and Nucl.Part.Astorphysics(II)) Proc.P119,Ha
	2008LE12	RADIOACTIVITY ^{38m}K(β^+), ^{38m}Cl(β^+);measured positron spectra, Eγ, Iγ, $\beta\gamma$-coin, $T_{1/2}$; deduced Ft for superallowed decay, comparison with other superallowed decays. JOUR PRLTA 100 192504
^{38}Ca	2008ON02	NUCLEAR REACTIONS ^{9}Be(^{16}C, ^{16}C'), E=40 MeV / nucleon;^{9}Be(^{18}C, ^{18}C'), (^{18}C, ^{11}Be), (^{18}C, ^{16}N), E=79 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives using recoil shadow method. ^{11}Be, ^{16}N, ^{16,18}C; deduced levels, J, π, B(E2). ^{14}C, ^{16,18,20,22}O, ^{34}Si, ^{38,40,46,48}Ca; comparison of B(E2) values. JOUR PRVCA 78 014308

A=39

^{39}S	2007KLZX	NUCLEAR REACTIONS ^{40}Ar(μ^-, νX)^{40}Cl / ^{39}Cl / ^{38}Cl / ^{39}S / ^{38}S, E not given; measured Eγ, Iγ; deduced μ $T_{1/2}$ in ^{40}Ar, isotope yields. CONF Prague (MEDEX'07),Proc.P49,Klinskih
^{39}Cl	2007KLZX	NUCLEAR REACTIONS ^{40}Ar(μ^-, νX)^{40}Cl / ^{39}Cl / ^{38}Cl / ^{39}S / ^{38}S, E not given; measured Eγ, Iγ; deduced μ $T_{1/2}$ in ^{40}Ar, isotope yields. CONF Prague (MEDEX'07),Proc.P49,Klinskih
	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008KL02	NUCLEAR REACTIONS ^{40}Ar(μ^-, ν), (μ^-, nν), (μ^-, 2nν), E not given; measured Eγ, Iγ, muon lifetime, isotopic yields. JOUR BRSPE 72 735
	2008TI05	NUCLEAR REACTIONS ^{56}Fe(p, X)^{7}Be / ^{22}Na / ^{24}Na / ^{27}Mg / ^{28}Mg / ^{29}Al / ^{38}S / ^{34m}Cl / ^{38}Cl / ^{39}Cl / ^{41}Ar / ^{42}K / ^{43}K / ^{44}K / ^{47}Ca / ^{43}Sc / ^{44}Sc / ^{44m}Sc / ^{46}Sc / ^{47}Sc / ^{48}Sc / ^{48}V / ^{48}Cr / ^{49}Cr / ^{51}Cr / ^{52}Mn / ^{52m}Mn / ^{54}Mn / ^{56}Mn / ^{52}Fe / ^{53}Fe / ^{55}Co / ^{56}Co / ^{57}Co, E=300, 500, 750, 1000, 1500, 2600 MeV; measured Eγ, Iγ, σ, mass distributions. ^{1}H(^{56}Fe, X)E=300, 500, 750, 100, 1500 MeV / nucleon; systematics of σ. ^{27}Al(p, x)^{22}Na; analyzed excitation function. JOUR PRVCA 78 034615

A=39 ***(continued)***

^{39}Ar	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
^{39}K	2006KO63	RADIOACTIVITY ^{26m}Al, ^{38m}K(β^+); measured recoil energy spectrum in β decay, $\beta\nu(\theta)$. ^{20}Ne, ^{23}Na, ^{39}K; measured excitation, and ion beam properties on the WITCH set-up. Penning trap method. ^{35}Ar; measured half-life and time-of-flight spectrum. JOUR IMSPF 251 159
	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008KA10	NUCLEAR REACTIONS ^{36}S, ^{38}Ar(p, γ), E=0.8-2.8 MeV; measured Eγ, Iγ. ^{37}Cl; deduced levels, B(M1). ^{37}Cl, ^{39}K; deduced total MDR strength functions. JOUR BRSPE 72 403
	2008MI07	RADIOACTIVITY ^{37}K(β^+); measured electric quadrupole moment using the β-NQR technique. ^{35}S, ^{37}Ar, ^{35,37,39}K, ^{39}Ca; analyzed electric quadrupole moment using shell model and effective charge dependency. JOUR PYLBB 662 389
	2008MU05	ATOMIC MASSES ^{21,22,23}Na, ^{22,24}Mg, ^{37,39}K; measured and evaluated masses using the ISOLTRAP Penning trap mass spectrometer. JOUR ZAANE 35 31
	2008NO01	NUCLEAR REACTIONS ^{6}Li, ^{12}C, ^{40}Ca(p, 2p)E=392 MeV; measured Wolfenstein parameters, induced polarizations, analyzing powers, separation energy spectra. Comparison with DWIA and PWIA models. JOUR PRVCA 77 044604

A=39 *(continued)*

	2008SA04	NUCLEAR REACTIONS ^{24}Mg(^{24}Mg, ^{24}Mg'), ^{24}Mg(^{24}Mg, X)^{45}Ti / ^{44}Sc / ^{42}Ca / ^{41}Ca / ^{41}K / ^{39}K / ^{38}Ar / ^{37}Ar, E=91.72, 92.62 MeV; measured (fragment)γ-, (charged particle)γ- and $\gamma\gamma$-coin; deduced ON / OFF resonance yield ratios for the inelastic and fusion evaporation channels. ON resonance formation of ^{48}Cr discussed. ^{45}Ti deduced levels, J, π. JOUR NUPAB 801 1
^{39}Ca	2008MI07	RADIOACTIVITY ^{37}K(β^+); measured electric quadrupole moment using the β-NQR technique. ^{35}S, ^{37}Ar, ^{35,37,39}K, ^{39}Ca; analyzed electric quadrupole moment using shell model and effective charge dependency. JOUR PYLBB 662 389

A=40

^{40}Cl	2007KLZX	NUCLEAR REACTIONS ^{40}Ar(μ^-, νX)^{40}Cl / ^{39}Cl / ^{38}Cl / ^{39}S / ^{38}S, E not given; measured Eγ, Iγ; deduced μ $T_{1/2}$ in ^{40}Ar, isotope yields. CONF Prague (MEDEX'07),Proc.P49,Klinskih
	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008KL02	NUCLEAR REACTIONS ^{40}Ar(μ^-, ν), (μ^-, nν), (μ^-, 2nν), E not given; measured Eγ, Iγ, muon lifetime, isotopic yields. JOUR BRSPE 72 735
^{40}Ar	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609

A=40 *(continued)*

	2008BL01	NUCLEAR MOMENTS ^{38,40,41,42,43,44}Ar; measured isotope shifts, hfs; deduced charge radii, J, μ, quadrupole moment. Fast-beam collinear laser spectroscopy. JOUR NUPAB 799 30
	2008SP01	NUCLEAR REACTIONS ^{12}C(^{36}S, ^{36}S'), (^{36}S, ^{40}Ar), E=70 MeV; measured Eγ, Iγ, $T_{1/2}$ using transient field technique and DSA; ^{36}S, ^{40}Ar; deduced B(E2), g-factor. Comparison with shell model and previous results. JOUR PYLBB 659 101
	2008SP04	NUCLEAR REACTIONS ^{12}C(^{36}S, ^{40}Ar), E=70 MeV; measured Eγ, Iγ, particle spectra, $\gamma\gamma$-coin, (particle)γ-coin, g-factors, B(E2). ^{40}Ar; measured half-lives of 2+ and 4+ states using Doppler-shift attenuation method; deduced levels, J, π. JOUR PRVCA 78 017304
	2008SY01	RADIOACTIVITY ^{60}Co, ^{137}Cs(β^-), ^{40}K(β^+); measured Eγ, Iγ, $\gamma\gamma$-coin. Effect of shielding and (anti-)coincidence techniques on detector background discussed. JOUR JRNCD 276 779
^{40}K	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008FIZZ	NUCLEAR REACTIONS ^{1,2}H, ^{6,7}Li, ^{9}Be, ^{10,11}B, ^{12,13}C, ^{14,15}N, ^{16}O, ^{19}F, ^{23,23m}Na, ^{24,25,26}Mg, ^{27}Al, ^{28,29,30}Si, ^{31}P, ^{32,33,34}S, ^{35,37}Cl, ^{39,40,41}K, ^{102,104,105,106,108,110}Pd(n, γ), E=thermal; measured cross sections; ^{10}B(n, α), E=thermal; measured cross sections; ^{25}Mg(n, γ), E=thermal;^{13}C(n, γ), E=thermal;^{105}Pd(n, γ), E=thermal; measured Eγ, Iγ; deduced cross section balance. compared experimental and calculated depopulation. CONF Yosemit(CNR 2007) Proc.P26,Firestone
	2008SY01	RADIOACTIVITY ^{60}Co, ^{137}Cs(β^-), ^{40}K(β^+); measured Eγ, Iγ, $\gamma\gamma$-coin. Effect of shielding and (anti-)coincidence techniques on detector background discussed. JOUR JRNCD 276 779
^{40}Ca	2006FR27	ATOMIC MASSES ^{24,26}Mg, ^{40,48}Ca; measured masses of hydrogen-and lithium-like ions of Mg and Ca with SMILETRAP (Penning trap) mass spectrometer; analyzed binding energies. Comparisons with previous results. ^{204}Hg; measured time of flight spectrum. JOUR IMSPF 251 281

A=40 *(continued)*

2008GA10 NUCLEAR REACTIONS ^{9}Be(^{36}Ar, X)^{19}F / ^{20}Ne / ^{21}Na / ^{22}Mg / ^{23}Al, E=130 MeV / nucleon; measured energy loss, intensities for reaction products. ^{9}Be(^{24}Si, X)^{23}Al / ^{23}Si, E=85.3 MeV / nucleon; measured single-particle cross sections, momentum distributions, spectroscopic factors. ^{9}Be(^{28}S, X)^{27}P, E=80.7 MeV / nucleon; measured Eγ, Iγ.^{9}Be(^{28}S, X)^{27}P / ^{27}S, E=80.7 MeV / nucleon; measured single particle cross sections, spectroscopic factors, momentum distributions. ^{7}Li, ^{8}B, ^{9,12,15}C, ^{16}O, ^{32,34,36}Ar, ^{24,30}Si, ^{26,28}S, ^{31}P, ^{40,48}Ca, ^{51}V, ^{90}Zr, ^{208}Pb; systematics of cross sections. JOUR PRVCA 77 044306

2008ON02 NUCLEAR REACTIONS ^{9}Be(^{16}C, ^{16}C'), E=40 MeV / nucleon;^{9}Be(^{18}C, ^{18}C'), (^{18}C, ^{11}Be), (^{18}C, ^{16}N), E=79 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives using recoil shadow method. ^{11}Be, ^{16}N, ^{16,18}C; deduced levels, J, π, B(E2). ^{14}C, ^{16,18,20,22}O, ^{34}Si, ^{38,40,46,48}Ca; comparison of B(E2) values. JOUR PRVCA 78 014308

A=41

^{41}Si 2008GA24 NUCLEAR REACTIONS ^{40,44}Ar(d, p), E=10 MeV / nucleon; measured proton spectra, $\sigma(\theta)$. ^{41,45}Ar; deduced levels energies, angular momenta, spectroscopic factors. ^{41}Si, ^{43}S, ^{47}Ca; systematics of excitation energies. Comparison with shell model calculations. JOUR PRVCA 78 034307

^{41}Cl 2007WH01 RADIOACTIVITY ^{41}Cl(β^-) [from U(p, X), E=1.4 GeV]; measured Eγ, Iγ, $\gamma\gamma$-coin, $\beta\gamma\gamma$-coin, $\beta\gamma$(t). ^{41}Ar; measured half-lives of isomeric states; deduced levels, J, π, multipolarities, B(E2), B(M1). JOUR PRVCA 76 057303

^{41}Ar 2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609

2007WH01 RADIOACTIVITY ^{41}Cl(β^-) [from U(p, X), E=1.4 GeV]; measured Eγ, Iγ, $\gamma\gamma$-coin, $\beta\gamma\gamma$-coin, $\beta\gamma$(t). ^{41}Ar; measured half-lives of isomeric states; deduced levels, J, π, multipolarities, B(E2), B(M1). JOUR PRVCA 76 057303

2008BL01 NUCLEAR MOMENTS ^{38,40,41,42,43,44}Ar; measured isotope shifts, hfs; deduced charge radii, J, μ, quadrupole moment. Fast-beam collinear laser spectroscopy. JOUR NUPAB 799 30

A=41 *(continued)*

	2008FU08	NUCLEAR REACTIONS ^{27}Al, ^{28}Si, ^{29}Si, ^{41}K, ^{51}V, ^{61}Ni, ^{65}Cu, ^{64,67}Zn, ^{69}Ga, ^{79}Br, ^{92}Mo(n, p), E=3.5-5.9 MeV; ^{69}Ga, ^{93}Nb(n, α), E=3.5-5.9 MeV; measured Eγ, Iγ, cross sections using the activation technique. JOUR ANEND 35 1652
	2008GA24	NUCLEAR REACTIONS ^{40,44}Ar(d, p), E=10 MeV / nucleon; measured proton spectra, $\sigma(\theta)$. ^{41,45}Ar; deduced levels energies, angular momenta, spectroscopic factors. ^{41}Si, ^{43}S, ^{47}Ca; systematics of excitation energies. Comparison with shell model calculations. JOUR PRVCA 78 034307
	2008RE07	NUCLEAR REACTIONS ^{20}Ne, ^{27}Al, ^{40}Ar, ^{84}Kr, ^{131,132}Xe, ^{208}Pb, ^{235,238}U(n, γ), E=low; measured Eγ, Iγ using cold neutron source and an "invisible container". JOUR JRNCD 276 825
	2008TI05	NUCLEAR REACTIONS ^{56}Fe(p, X)^{7}Be / ^{22}Na / ^{24}Na / ^{27}Mg / ^{28}Mg / ^{29}Al / ^{38}S / ^{34m}Cl / ^{38}Cl / ^{39}Cl / ^{41}Ar / ^{42}K / ^{43}K / ^{44}K / ^{47}Ca / ^{43}Sc / ^{44}Sc / ^{44m}Sc / ^{46}Sc / ^{47}Sc / ^{48}Sc / ^{48}V / ^{48}Cr / ^{49}Cr / ^{51}Cr / ^{52}Mn / ^{52m}Mn / ^{54}Mn / ^{56}Mn / ^{52}Fe / ^{53}Fe / ^{55}Co / ^{56}Co / ^{57}Co, E=300, 500, 750, 1000, 1500, 2600 MeV; measured Eγ, Iγ, σ, mass distributions. ^{1}H(^{56}Fe, X)E=300, 500, 750, 100, 1500 MeV / nucleon; systematics of σ. ^{27}Al(p, x)^{22}Na; analyzed excitation function. JOUR PRVCA 78 034615
^{41}K	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008FIZZ	NUCLEAR REACTIONS ^{1,2}H, ^{6,7}Li, ^{9}Be, ^{10,11}B, ^{12,13}C, ^{14,15}N, ^{16}O, ^{19}F, ^{23,23m}Na, ^{24,25,26}Mg, ^{27}Al, ^{28,29,30}Si, ^{31}P, ^{32,33,34}S, ^{35,37}Cl, ^{39,40,41}K, ^{102,104,105,106,108,110}Pd(n, γ), E=thermal; measured cross sections; ^{10}B(n, α), E=thermal; measured cross sections; ^{25}Mg(n, γ), E=thermal;^{13}C(n, γ), E=thermal;^{105}Pd(n, γ), E=thermal; measured Eγ, Iγ; deduced cross section balance. compared experimental and calculated depopulation. CONF Yosemit(CNR 2007) Proc.P26,Firestone
	2008SA04	NUCLEAR REACTIONS ^{24}Mg(^{24}Mg, ^{24}Mg'), ^{24}Mg(^{24}Mg, X)^{45}Ti / ^{44}Sc / ^{42}Ca / ^{41}Ca / ^{41}K / ^{39}K / ^{38}Ar / ^{37}Ar, E=91.72, 92.62 MeV; measured (fragment)γ-, (charged particle)γ- and $\gamma\gamma$-coin; deduced ON / OFF resonance yield ratios for the inelastic and fusion evaporation channels. ON resonance formation of ^{48}Cr discussed. ^{45}Ti deduced levels, J, π. JOUR NUPAB 801 1

A=41 *(continued)*

	2008VO03	NUCLEAR REACTIONS ^{40}Ar(p, γ);E=1102, 1839, 1842, 1859, 1875, 1896 keV; measured Eγ, I$\gamma(\theta)$. ^{41}K; deduced levels, J, π, B(M1). JOUR BRSPE 72 385
	2008VO08	NUCLEAR REACTIONS ^{40}Ar(p, γ)^{41}K, E=450-2700 keV; measured Eγ, Iγ, excitation function, resonance strengths. ^{41}K; deduced level energies and radiative widths. JOUR BRSPE 72 761
^{41}Ca	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008SA04	NUCLEAR REACTIONS ^{24}Mg(^{24}Mg, ^{24}Mg'), ^{24}Mg(^{24}Mg, X)^{45}Ti / ^{44}Sc / ^{42}Ca / ^{41}Ca / ^{41}K / ^{39}K / ^{38}Ar / ^{37}Ar, E=91.72, 92.62 MeV; measured (fragment)γ-, (charged particle)γ- and $\gamma\gamma$-coin; deduced ON / OFF resonance yield ratios for the inelastic and fusion evaporation channels. ON resonance formation of ^{48}Cr discussed. ^{45}Ti deduced levels, J, π. JOUR NUPAB 801 1

A=42

^{42}Ar	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008BL01	NUCLEAR MOMENTS ^{38,40,41,42,43,44}Ar; measured isotope shifts, hfs; deduced charge radii, J, μ, quadrupole moment. Fast-beam collinear laser spectroscopy. JOUR NUPAB 799 30
^{42}K	2005LI66	RADIOACTIVITY ^{24}Na(β^-), ^{42}K(β^-), ^{198}Au(β^-); measured Eγ, Iγ, isotopic $T_{1/2}$. JOUR JRNCD 263 311

A=42 *(continued)*

2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609

2008FIZZ NUCLEAR REACTIONS ^{1,2}H, ^{6,7}Li, ^{9}Be, ^{10,11}B, ^{12,13}C, ^{14,15}N, ^{16}O, ^{19}F, ^{23,23m}Na, ^{24,25,26}Mg, ^{27}Al, ^{28,29,30}Si, ^{31}P, ^{32,33,34}S, ^{35,37}Cl, ^{39,40,41}K, ^{102,104,105,106,108,110}Pd(n, γ), E=thermal; measured cross sections; ^{10}B(n, α), E=thermal; measured cross sections; ^{25}Mg(n, γ), E=thermal;^{13}C(n, γ), E=thermal;^{105}Pd(n, γ), E=thermal; measured Eγ, Iγ; deduced cross section balance. compared experimental and calculated depopulation. CONF Yosemit(CNR 2007) Proc.P26,Firestone

2008TI05 NUCLEAR REACTIONS ^{56}Fe(p, X)^{7}Be / ^{22}Na / ^{24}Na / ^{27}Mg / ^{28}Mg / ^{29}Al / ^{38}S / ^{34m}Cl / ^{38}Cl / ^{39}Cl / ^{41}Ar / ^{42}K / ^{43}K / ^{44}K / ^{47}Ca / ^{43}Sc / ^{44}Sc / ^{44m}Sc / ^{46}Sc / ^{47}Sc / ^{48}Sc / ^{48}V / ^{48}Cr / ^{49}Cr / ^{51}Cr / ^{52}Mn / ^{52m}Mn / ^{54}Mn / ^{56}Mn / ^{52}Fe / ^{53}Fe / ^{55}Co / ^{56}Co / ^{57}Co, E=300, 500, 750, 1000, 1500, 2600 MeV; measured Eγ, Iγ, σ, mass distributions. ^{1}H(^{56}Fe, X)E=300, 500, 750, 100, 1500 MeV / nucleon; systematics of σ. ^{27}Al(p, x)^{22}Na; analyzed excitation function. JOUR PRVCA 78 034615

^{42}Ca

2005LI66 RADIOACTIVITY ^{24}Na(β^-), ^{42}K(β^-), ^{198}Au(β^-); measured Eγ, Iγ, isotopic $T_{1/2}$. JOUR JRNCD 263 311

2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609

A=42 *(continued)*

	2008SA04	NUCLEAR REACTIONS ^{24}Mg(^{24}Mg, ^{24}Mg'), ^{24}Mg(^{24}Mg, X)^{45}Ti / ^{44}Sc / ^{42}Ca / ^{41}Ca / ^{41}K / ^{39}K / ^{38}Ar / ^{37}Ar, E=91.72, 92.62 MeV; measured (fragment)γ-, (charged particle)γ- and $\gamma\gamma$-coin; deduced ON / OFF resonance yield ratios for the inelastic and fusion evaporation channels. ON resonance formation of ^{48}Cr discussed. ^{45}Ti deduced levels, J, π. JOUR NUPAB 801 1
^{42}Sc	2008FI07	RADIOACTIVITY ^{62}Ga(β^+); measured Eγ, Iγ, Eβ, $\beta\gamma$-coin, branching ratios; deduced ft values. ^{62}Zn; deduced levels, J, π. ^{10}C, ^{14}O, ^{22}Mg, ^{26m}Al, ^{34}Ca, ^{34}Ar, ^{38m}K, ^{42}Sc, ^{46}V, ^{50}Mn, ^{54}Co, ^{62}Ga, ^{74}Rb; systematics of superallowed β decays and ft values. JOUR PRVCA 78 025502
	2008HAZZ	RADIOACTIVITY ^{10}C, ^{14}O, ^{22}Mg, ^{26m}Al, ^{34}Cl, ^{34}Ar, ^{38m}K, ^{42}Sc, ^{46}V, ^{50}Mn, ^{54}Co, ^{62}Ga, ^{74}Rb; analyzed superallowed β-decay data. ^{34}Ar(β^+), (EC) [from ^{1}H(^{35}Cl, 2n), E=35 MeV / nucleon]; measured Eγ, Iγ, Eβ, $\beta\gamma$ coin; deduced β^++EC branches for superallowed β decay. CONF Sinaia(Exotic Nuclei and Nucl.Part.Astorphysics(II)) Proc.P119,Ha
^{42}Ti	2007PFZZ	RADIOACTIVITY ^{45}Fe(β^+), (β^+p), (β^+2p), (β^+3p), (2p) [from Ni(^{38}Ni, xpyn)^{45}Fe, E=161 MeV / nucleon]; measured Ep, Ip, p(residual)-coin, $T_{1/2}$. CONF Lisbon (PROCON 2007),Proc.P81,Pfutzner
	2008MI03	RADIOACTIVITY ^{45}Fe(2p), (β^+p), (β^+2p), (β^+3p); measured Ep, Ip, delayed proton angular and energy correlations. JOUR APOBB 39 477
	2008SC18	NUCLEAR REACTIONS Ti(^{21}Na, ^{21}Na), (^{21}Ne, ^{21}Ne'γ), E=1.7 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin. ^{21}Ne, ^{21}Na, ^{42,46,48}Ti; deduced levels, J, π, multipolarities, mixing ratios, B(E2). Coulomb excitation. JOUR PRVCA 78 044321

A=43

^{43}P	2008RI04	NUCLEAR REACTIONS ^{9}Be(^{44}S, p^{43}P), E=91.7 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin, partial σ, momentum distributions. ^{43}P; deduced levels, J, π. Comparison with shell-model calculations. JOUR PRVCA 78 011303
^{43}S	2008GA24	NUCLEAR REACTIONS ^{40,44}Ar(d, p), E=10 MeV / nucleon; measured proton spectra, $\sigma(\theta)$. ^{41,45}Ar; deduced levels energies, angular momenta, spectroscopic factors. ^{41}Si, ^{43}S, ^{47}Ca; systematics of excitation energies. Comparison with shell model calculations. JOUR PRVCA 78 034307

A=43 *(continued)*

^{43}Ar	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008BL01	NUCLEAR MOMENTS ^{38,40,41,42,43,44}Ar; measured isotope shifts, hfs; deduced charge radii, J, μ, quadrupole moment. Fast-beam collinear laser spectroscopy. JOUR NUPAB 799 30
^{43}K	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008TI05	NUCLEAR REACTIONS ^{56}Fe(p, X)^{7}Be / ^{22}Na / ^{24}Na / ^{27}Mg / ^{28}Mg / ^{29}Al / ^{38}S / ^{34m}Cl / ^{38}Cl / ^{39}Cl / ^{41}Ar / ^{42}K / ^{43}K / ^{44}K / ^{47}Ca / ^{43}Sc / ^{44}Sc / ^{44m}Sc / ^{46}Sc / ^{47}Sc / ^{48}Sc / ^{48}V / ^{48}Cr / ^{49}Cr / ^{51}Cr / ^{52}Mn / ^{52m}Mn / ^{54}Mn / ^{56}Mn / ^{52}Fe / ^{53}Fe / ^{55}Co / ^{56}Co / ^{57}Co, E=300, 500, 750, 1000, 1500, 2600 MeV; measured Eγ, Iγ, σ, mass distributions. ^{1}H(^{56}Fe, X)E=300, 500, 750, 100, 1500 MeV / nucleon; systematics of σ. ^{27}Al(p, x)^{22}Na; analyzed excitation function. JOUR PRVCA 78 034615

A=43 *(continued)*

^{43}Ca	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
^{43}Sc	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008FE02	NUCLEAR REACTIONS ^{126}Te(^{18}O, 4n), (^{18}O, 5n), E=75 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{139,140}Nd deduced level energies, J, π, $T_{1/2}$. ^{27}Al(^{18}O, 2n), E=75 MeV; measured Eγ, Iγ. ^{43}Sc; measured half-life of isomeric state. ALTO facility. JOUR ZAANE 35 167
	2008TI05	NUCLEAR REACTIONS ^{56}Fe(p, X)^{7}Be / ^{22}Na / ^{24}Na / ^{27}Mg / ^{28}Mg / ^{29}Al / ^{38}S / ^{34m}Cl / ^{38}Cl / ^{39}Cl / ^{41}Ar / ^{42}K / ^{43}K / ^{44}K / ^{47}Ca / ^{43}Sc / ^{44}Sc / ^{44m}Sc / ^{46}Sc / ^{47}Sc / ^{48}Sc / ^{48}V / ^{48}Cr / ^{49}Cr / ^{51}Cr / ^{52}Mn / ^{52m}Mn / ^{54}Mn / ^{56}Mn / ^{52}Fe / ^{53}Fe / ^{55}Co / ^{56}Co / ^{57}Co, E=300, 500, 750, 1000, 1500, 2600 MeV; measured Eγ, Iγ, σ, mass distributions. ^{1}H(^{56}Fe, X)E=300, 500, 750, 100, 1500 MeV / nucleon; systematics of σ. ^{27}Al(p, x)^{22}Na; analyzed excitation function. JOUR PRVCA 78 034615
^{43}V	2007PFZZ	RADIOACTIVITY ^{45}Fe(β^+), (β^+p), (β^+2p), (β^+3p), (2p) [from Ni(^{38}Ni, xpyn)^{45}Fe, E=161 MeV / nucleon]; measured Ep, Ip, p(residual)-coin, $T_{1/2}$. CONF Lisbon (PROCON 2007),Proc.P81,Pfutzner
	2008MI03	RADIOACTIVITY ^{45}Fe(2p), (β^+p), (β^+2p), (β^+3p); measured Ep, Ip, delayed proton angular and energy correlations. JOUR APOBB 39 477
^{43}Cr	2007BLZX	RADIOACTIVITY ^{45}Fe, ^{54}Zn, ^{48}Ni(2p); measured Ep, Ip, $T_{1/2}$. ^{45}Fe, ^{54}Zn, ^{48}Ni; deduced (2p) decays branching ratios. Comparison with theoretical models. CONF Lisbon (PROCON 2007),Proc.P87,Blank

A=43 *(continued)*

2007GIZW RADIOACTIVITY ^{45}Fe(2p); measured Ep, Ip, $T_{1/2}$. CONF Lisbon (PROCON 2007),Proc.P99,Giovinazzo

2007MI40 RADIOACTIVITY ^{45}Fe(2p) [from Ni(^{58}Ni, X), E=161 MeV / nucleon]; measured proton energies, angular correlations, branching ratio, and half-life. JOUR PRLTA 99 192501

2007PFZZ RADIOACTIVITY ^{45}Fe(β^+), (β^+p), (β^+2p), (β^+3p), (2p) [from Ni(^{38}Ni, xpyn)^{45}Fe, E=161 MeV / nucleon]; measured Ep, Ip, p(residual)-coin, $T_{1/2}$. CONF Lisbon (PROCON 2007),Proc.P81,Pfutzner

2008BOZY RADIOACTIVITY ^{45}Fe, ^{48}Ni, ^{54}Zn(2p) [from Ni(^{58}Ni, X)]; measured Ep, Ip, β^+p-coin for 2p decay mode. Reviewed sequential and direct 2-proton decay modes. CONF Sinaia(Exotic Nuclei and Nucl.Part.Astorphysics(II)) Proc.P156,Bo

2008MI03 RADIOACTIVITY ^{45}Fe(2p), (β^+p), (β^+2p), (β^+3p); measured Ep, Ip, delayed proton angular and energy correlations. JOUR APOBB 39 477

A=44

^{44}Ar 2008BL01 NUCLEAR MOMENTS ^{38,40,41,42,43,44}Ar; measured isotope shifts, hfs; deduced charge radii, J, μ, quadrupole moment. Fast-beam collinear laser spectroscopy. JOUR NUPAB 799 30

^{44}K 2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609

2008TI05 NUCLEAR REACTIONS ^{56}Fe(p, X)^{7}Be / ^{22}Na / ^{24}Na / ^{27}Mg / ^{28}Mg / ^{29}Al / ^{38}S / ^{34m}Cl / ^{38}Cl / ^{39}Cl / ^{41}Ar / ^{42}K / ^{43}K / ^{44}K / ^{47}Ca / ^{43}Sc / ^{44}Sc / ^{44m}Sc / ^{46}Sc / ^{47}Sc / ^{48}Sc / ^{48}V / ^{48}Cr / ^{49}Cr / ^{51}Cr / ^{52}Mn / ^{52m}Mn / ^{54}Mn / ^{56}Mn / ^{52}Fe / ^{53}Fe / ^{55}Co / ^{56}Co / ^{57}Co, E=300, 500, 750, 1000, 1500, 2600 MeV; measured Eγ, Iγ, σ, mass distributions. ^{1}H(^{56}Fe, X)E=300, 500, 750, 100, 1500 MeV / nucleon; systematics of σ. ^{27}Al(p, x)^{22}Na; analyzed excitation function. JOUR PRVCA 78 034615

A=44 *(continued)*

^{44}Ca	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
^{44}Sc	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2007OH09	NUCLEAR MOMENTS ^{44,46,47}Sc; measured hyperfine anomalies. JOUR HYIND 180 55
	2008DO22	NUCLEAR REACTIONS ^{45}Sc(γ, n), Ti(γ, X)^{45}Sc, Fe(γ, X)^{45}Sc, Cu(γ, X)^{45}Sc, E < 2.5 GeV; measured Eγ, Iγ, isomeric yield ratios using the activation technique. JOUR NIMBE 266 5080
	2008LAZX	NUCLEAR REACTIONS ^{45}Sc, ^{51}V(^{3}He, ^{3}He'γ), ^{45}Sc, ^{51}V(^{3}He, $\alpha\gamma$), E=30, 38 MeV; measured Eγ, Iγ, (particle)γ-coin. ^{44,45}Sc, ^{50,51}V; deduced level densities, γ strength functions. CONF Crete(FINUSTAR 2),Proc.P380,Larsen
	2008LAZZ	NUCLEAR REACTIONS ^{45}Sc, ^{51}V(^{3}He, ^{3}He'), E=30, 38 MeV; ^{45}Sc, ^{51}V(^{3}He, $\alpha\gamma$), E=30, 38 MeV;measured Eγ, Iγ; deduced level densities and γ strength function. CONF Yosemit(CNR 2007) Proc.P70,Larsen
	2008SA04	NUCLEAR REACTIONS ^{24}Mg(^{24}Mg, ^{24}Mg'), ^{24}Mg(^{24}Mg, X)^{45}Ti / ^{44}Sc / ^{42}Ca / ^{41}Ca / ^{41}K / ^{39}K / ^{38}Ar / ^{37}Ar, E=91.72, 92.62 MeV; measured (fragment)γ-, (charged particle)γ- and $\gamma\gamma$-coin; deduced ON / OFF resonance yield ratios for the inelastic and fusion evaporation channels. ON resonance formation of ^{48}Cr discussed. ^{45}Ti deduced levels, J, π. JOUR NUPAB 801 1

A=44 *(continued)*

	2008TI05	NUCLEAR REACTIONS ^{56}Fe(p, X)^{7}Be / ^{22}Na / ^{24}Na / ^{27}Mg / ^{28}Mg / ^{29}Al / ^{38}S / ^{34m}Cl / ^{38}Cl / ^{39}Cl / ^{41}Ar / ^{42}K / ^{43}K / ^{44}K / ^{47}Ca / ^{43}Sc / ^{44}Sc / ^{44m}Sc / ^{46}Sc / ^{47}Sc / ^{48}Sc / ^{48}V / ^{48}Cr / ^{49}Cr / ^{51}Cr / ^{52}Mn / ^{52m}Mn / ^{54}Mn / ^{56}Mn / ^{52}Fe / ^{53}Fe / ^{55}Co / ^{56}Co / ^{57}Co, E=300, 500, 750, 1000, 1500, 2600 MeV; measured Eγ, Iγ, σ, mass distributions. ^{1}H(^{56}Fe, X)E=300, 500, 750, 100, 1500 MeV / nucleon; systematics of σ. ^{27}Al(p, x)^{22}Na; analyzed excitation function. JOUR PRVCA 78 034615
	2008VO02	NUCLEAR REACTIONS ^{45}Sc(^{3}He, α), (^{3}He, p), E=11 Mev; measured Eγ, Iγ, particle spectra, α particle angular distributions; deduced level density, $\alpha\gamma$-coin. ^{44}Sc, ^{47}Ti; deduced level density. Comparison with theory. JOUR PRVCA 77 034613
^{44}Ti	2008BU12	NUCLEAR REACTIONS ^{4}He(^{12}C, γ), E not given; ^{1}H(^{26}Al, γ), E not given; ^{4}He(^{40}Ca, γ), E(cm)=2.18-4.15 MeV; measured Eγ, Iγ; deduced astrophysical S-factor. JOUR NUPAB 805 462c
	2008KIZZ	NUCLEAR REACTIONS ^{12}C(^{20}Ne, X)^{32}S, ^{12}C(^{24}Mg, X)^{36}Ar, ^{24}Mg(^{20}Ne, X)^{44}Ti, ^{24}Mg(^{36}Ar, X)^{60}Zn, E* $\approx$50 MeV; measured Eγ, Iγ, cross sections; deduced GDR Strength functions, isospin mixing probability. CONF Crete(FINUSTAR 2),Proc.P371,Kicinska-Habior
	2008VO01	NUCLEAR REACTIONS ^{4}He(^{40}Ca, γ), E=600-1150 keV / nucleon; measured Eγ, $\gamma\gamma$-, (recoil)γ-coin, excitation function. JOUR JPGPE 35 014034
^{44}Cr	2007PFZZ	RADIOACTIVITY ^{45}Fe(β^{+}), (β^{+}p), (β^{+}2p), (β^{+}3p), (2p) [from Ni(^{38}Ni, xpyn)^{45}Fe, E=161 MeV / nucleon]; measured Ep, Ip, p(residual)-coin, $T_{1/2}$. CONF Lisbon (PROCON 2007),Proc.P81,Pfutzner
	2008MI03	RADIOACTIVITY ^{45}Fe(2p), (β^{+}p), (β^{+}2p), (β^{+}3p); measured Ep, Ip, delayed proton angular and energy correlations. JOUR APOBB 39 477

A=45

^{45}Ar	2008GA24	NUCLEAR REACTIONS ^{40,44}Ar(d, p), E=10 MeV / nucleon; measured proton spectra, $\sigma(\theta)$. ^{41,45}Ar; deduced levels energies, angular momenta, spectroscopic factors. ^{41}Si, ^{43}S, ^{47}Ca; systematics of excitation energies. Comparison with shell model calculations. JOUR PRVCA 78 034307

A=45 ***(continued)***

^{45}K	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
^{45}Ca	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
^{45}Sc	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008DO22	NUCLEAR REACTIONS ^{45}Sc(γ, n), Ti(γ, X)^{45}Sc, Fe(γ, X)^{45}Sc, Cu(γ, X)^{45}Sc, E < 2.5 GeV; measured Eγ, Iγ, isomeric yield ratios using the activation technique. JOUR NIMBE 266 5080
	2008LAZX	NUCLEAR REACTIONS ^{45}Sc, ^{51}V(^{3}He, ^{3}He'γ), ^{45}Sc, ^{51}V(^{3}He, $\alpha\gamma$), E=30, 38 MeV; measured Eγ, Iγ, (particle)γ-coin. ^{44,45}Sc, ^{50,51}V; deduced level densities, γ strength functions. CONF Crete(FINUSTAR 2),Proc.P380,Larsen

A=45 *(continued)*

	2008LAZZ	NUCLEAR REACTIONS ^{45}Sc, ^{51}V(^{3}He, ^{3}He'), E=30, 38 MeV; ^{45}Sc, ^{51}V(^{3}He, $\alpha\gamma$), E=30, 38 MeV;measured Eγ, Iγ; deduced level densities and γ strength function. CONF Yosemit(CNR 2007) Proc.P70,Larsen
	2008SA18	NUCLEAR REACTIONS ^{45}Sc(γ, γ'), E≈5-7 MeV bremsstrahlung; measured Eγ, Iγ, integrated σ. ^{45}Sc deduced level / transition energies, decay widths and B(E1), B(M1) strength distributions. Comparison with ^{44}Ca. JOUR ZAANE 36 17
^{45}Ti	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008SA04	NUCLEAR REACTIONS ^{24}Mg(^{24}Mg, ^{24}Mg'), ^{24}Mg(^{24}Mg, X)^{45}Ti / ^{44}Sc / ^{42}Ca / ^{41}Ca / ^{41}K / ^{39}K / ^{38}Ar / ^{37}Ar, E=91.72, 92.62 MeV; measured (fragment)γ-, (charged particle)γ- and $\gamma\gamma$-coin; deduced ON / OFF resonance yield ratios for the inelastic and fusion evaporation channels. ON resonance formation of ^{48}Cr discussed. ^{45}Ti deduced levels, J, π. JOUR NUPAB 801 1
^{45}Mn	2007PFZZ	RADIOACTIVITY ^{45}Fe(β^+), (β^+p), (β^+2p), (β^+3p), (2p) [from Ni(^{38}Ni, xpyn)^{45}Fe, E=161 MeV / nucleon]; measured Ep, Ip, p(residual)-coin, $T_{1/2}$. CONF Lisbon (PROCON 2007),Proc.P81,Pfutzner
^{45}Fe	2007BLZX	RADIOACTIVITY ^{45}Fe, ^{54}Zn, ^{48}Ni(2p); measured Ep, Ip, $T_{1/2}$. ^{45}Fe, ^{54}Zn, ^{48}Ni; deduced (2p) decays branching ratios. Comparison with theoretical models. CONF Lisbon (PROCON 2007),Proc.P87,Blank
	2007GIZW	RADIOACTIVITY ^{45}Fe(2p); measured Ep, Ip, $T_{1/2}$. CONF Lisbon (PROCON 2007),Proc.P99,Giovinazzo
	2007MI40	RADIOACTIVITY ^{45}Fe(2p) [from Ni(^{58}Ni, X), E=161 MeV / nucleon]; measured proton energies, angular correlations, branching ratio, and half-life. JOUR PRLTA 99 192501
	2007PFZZ	RADIOACTIVITY ^{45}Fe(β^+), (β^+p), (β^+2p), (β^+3p), (2p) [from Ni(^{38}Ni, xpyn)^{45}Fe, E=161 MeV / nucleon]; measured Ep, Ip, p(residual)-coin, $T_{1/2}$. CONF Lisbon (PROCON 2007),Proc.P81,Pfutzner
	2008BOZY	RADIOACTIVITY ^{45}Fe, ^{48}Ni, ^{54}Zn(2p) [from Ni(^{58}Ni, X)]; measured Ep, Ip, β^+p-coin for 2p decay mode. Reviewed sequential and direct 2-proton decay modes. CONF Sinaia(Exotic Nuclei and Nucl.Part.Astorphysics(II)) Proc.P156,Bo
	2008MI03	RADIOACTIVITY ^{45}Fe(2p), (β^+p), (β^+2p), (β^+3p); measured Ep, Ip, delayed proton angular and energy correlations. JOUR APOBB 39 477

A=46

^{46}Ca	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008ON02	NUCLEAR REACTIONS ^{9}Be(^{16}C, ^{16}C'), E=40 MeV / nucleon;^{9}Be(^{18}C, ^{18}C'), (^{18}C, ^{11}Be), (^{18}C, ^{16}N), E=79 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives using recoil shadow method. ^{11}Be, ^{16}N, ^{16,18}C; deduced levels, J, π, B(E2). ^{14}C, ^{16,18,20,22}O, ^{34}Si, ^{38,40,46,48}Ca; comparison of B(E2) values. JOUR PRVCA 78 014308
^{46}Sc	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2007OH09	NUCLEAR MOMENTS ^{44,46,47}Sc; measured hyperfine anomalies. JOUR HYIND 180 55
	2008FE07	RADIOACTIVITY ^{46}Sc(β^-); measured near-zero-energy electron yield as a function of β energy. Deduced self ionization probability. JOUR PANUE 71 437
	2008JO06	NUCLEAR REACTIONS ^{27}Al, ^{28}Si, ^{29}Si, ^{46,47}Ti, ^{54}Fe, ^{58}Ni, ^{64}Zn(n, p), ^{27}Al, ^{30}Si(n, α), ^{197}Au(n, γ), E= reactor; measured Eγ, Iγ, fast neutron spectrum averaged σ; comparator method. JOUR ARISE 66 1377

A=46 *(continued)*

	2008TI05	NUCLEAR REACTIONS ^{56}Fe(p, X)^{7}Be / ^{22}Na / ^{24}Na / ^{27}Mg / ^{28}Mg / ^{29}Al / ^{38}S / ^{34m}Cl / ^{38}Cl / ^{39}Cl / ^{41}Ar / ^{42}K / ^{43}K / ^{44}K / ^{47}Ca / ^{43}Sc / ^{44}Sc / ^{44m}Sc / ^{46}Sc / ^{47}Sc / ^{48}Sc / ^{48}V / ^{48}Cr / ^{49}Cr / ^{51}Cr / ^{52}Mn / ^{52m}Mn / ^{54}Mn / ^{56}Mn / ^{52}Fe / ^{53}Fe / ^{55}Co / ^{56}Co / ^{57}Co, E=300, 500, 750, 1000, 1500, 2600 MeV; measured Eγ, Iγ, σ, mass distributions. ^{1}H(^{56}Fe, X)E=300, 500, 750, 100, 1500 MeV / nucleon; systematics of σ. ^{27}Al(p, x)^{22}Na; analyzed excitation function. JOUR PRVCA 78 034615
^{46}Ti	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008FE07	RADIOACTIVITY ^{46}Sc(β^-); measured near-zero-energy electron yield as a function of β energy. Deduced self ionization probability. JOUR PANUE 71 437
	2008FE15	NUCLEAR REACTIONS ^{45}Sc(p, γ), E=1.2-3.1 MeV; measured Eγ, Iγ, partial σ(E) from average spectrum; ^{46}Ti; deduced levels, E1 radiative strength functions; comparison with semiphenomenological and microscopic model calculations. JOUR PANUE 71 1325
	2008SC18	NUCLEAR REACTIONS Ti(^{21}Na, ^{21}Na), (^{21}Ne, ^{21}Ne'γ), E=1.7 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin. ^{21}Ne, ^{21}Na, ^{42,46,48}Ti; deduced levels, J, π, multipolarities, mixing ratios, B(E2). Coulomb excitation. JOUR PRVCA 78 044321
^{46}V	2006JO14	ATOMIC MASSES ^{96,97,98,99,100,101,102,103,104,105,106}Zr, ^{98,99,100,101,102,103,104,105,106}Nb, ^{99,100,101,102,103,104,105,106,107,108,109,110}Mo; reviewed cooling and trapping techniques, high-precision measurements of the ground state properties of exotic nuclei. Penning trap (JYFLTRAP at IGISOL facility) method and collinear laser spectroscopy. ^{117}Pd; measured conversion electrons from isomer decay. ^{22}Mg, ^{34}Ar, ^{46}V, ^{62}Ga, ^{74}Rb; reviewed superallowed β decay Ft values. ^{92}Br; measured time of flight spectrum.^{102}Nb; measured γ rays following β^- decay. JOUR IMSPF 251 204

A=46 *(continued)*

	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008FI07	RADIOACTIVITY ^{62}Ga(β^+); measured Eγ, Iγ, Eβ, $\beta\gamma$-coin, branching ratios; deduced ft values. ^{62}Zn; deduced levels, J, π. ^{10}C, ^{14}O, ^{22}Mg, ^{26m}Al, ^{34}Ca, ^{34}Ar, ^{38m}K, ^{42}Sc, ^{46}V, ^{50}Mn, ^{54}Co, ^{62}Ga, ^{74}Rb; systematics of superallowed β decays and ft values. JOUR PRVCA 78 025502
	2008HAZZ	RADIOACTIVITY ^{10}C, ^{14}O, ^{22}Mg, ^{26m}Al, ^{34}Cl, ^{34}Ar, ^{38m}K, ^{42}Sc, ^{46}V, ^{50}Mn, ^{54}Co, ^{62}Ga, ^{74}Rb; analyzed superallowed β-decay data. ^{34}Ar(β^+), (EC) [from ^{1}H(^{35}Cl, 2n), E=35 MeV / nucleon]; measured Eγ, Iγ, Eβ, $\beta\gamma$ coin; deduced β^++EC branches for superallowed β decay. CONF Sinaia(Exotic Nuclei and Nucl.Part.Astorphysics(II)) Proc.P119,Ha
^{46}Fe	2007BLZX	RADIOACTIVITY ^{45}Fe, ^{54}Zn, ^{48}Ni(2p); measured Ep, Ip, $T_{1/2}$. ^{45}Fe, ^{54}Zn, ^{48}Ni; deduced (2p) decays branching ratios. Comparison with theoretical models. CONF Lisbon (PROCON 2007),Proc.P87,Blank
	2008BOZY	RADIOACTIVITY ^{45}Fe, ^{48}Ni, ^{54}Zn(2p) [from Ni(^{58}Ni, X)]; measured Ep, Ip, β^+p-coin for 2p decay mode. Reviewed sequential and direct 2-proton decay modes. CONF Sinaia(Exotic Nuclei and Nucl.Part.Astorphysics(II)) Proc.P156,Bo

A=47

^{47}Ar	2008BH09	NUCLEAR REACTIONS ^{48}Ca(^{238}U, X)^{47}Ar / ^{48}Ar, E=1.31 GeV; measured Eγ, Iγ, (particle)γ, $\gamma\gamma$-coin. ^{47,48}Ar; deduced levels, J, π. JOUR PRLTA 101 032501

A=47 *(continued)*

^{47}Ca	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008GA24	NUCLEAR REACTIONS ^{40,44}Ar(d, p), E=10 MeV / nucleon; measured proton spectra, $\sigma(\theta)$. ^{41,45}Ar; deduced levels energies, angular momenta, spectroscopic factors. ^{41}Si, ^{43}S, ^{47}Ca; systematics of excitation energies. Comparison with shell model calculations. JOUR PRVCA 78 034307
	2008TI05	NUCLEAR REACTIONS ^{56}Fe(p, X)^{7}Be / ^{22}Na / ^{24}Na / ^{27}Mg / ^{28}Mg / ^{29}Al / ^{38}S / ^{34m}Cl / ^{38}Cl / ^{39}Cl / ^{41}Ar / ^{42}K / ^{43}K / ^{44}K / ^{47}Ca / ^{43}Sc / ^{44}Sc / ^{44m}Sc / ^{46}Sc / ^{47}Sc / ^{48}Sc / ^{48}V / ^{48}Cr / ^{49}Cr / ^{51}Cr / ^{52}Mn / ^{52m}Mn / ^{54}Mn / ^{56}Mn / ^{52}Fe / ^{53}Fe / ^{55}Co / ^{56}Co / ^{57}Co, E=300, 500, 750, 1000, 1500, 2600 MeV; measured Eγ, Iγ, σ, mass distributions. ^{1}H(^{56}Fe, X)E=300, 500, 750, 100, 1500 MeV / nucleon; systematics of σ. ^{27}Al(p, x)^{22}Na; analyzed excitation function. JOUR PRVCA 78 034615
^{47}Sc	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2007OH09	NUCLEAR MOMENTS ^{44,46,47}Sc; measured hyperfine anomalies. JOUR HYIND 180 55
	2008JO06	NUCLEAR REACTIONS ^{27}Al, ^{28}Si, ^{29}Si, ^{46,47}Ti, ^{54}Fe, ^{58}Ni, ^{64}Zn(n, p), ^{27}Al, ^{30}Si(n, α), ^{197}Au(n, γ), E= reactor; measured Eγ, Iγ, fast neutron spectrum averaged σ; comparator method. JOUR ARISE 66 1377

A=47 *(continued)*

	2008TI05	NUCLEAR REACTIONS ^{56}Fe(p, X)^{7}Be / ^{22}Na / ^{24}Na / ^{27}Mg / ^{28}Mg / ^{29}Al / ^{38}S / ^{34m}Cl / ^{38}Cl / ^{39}Cl / ^{41}Ar / ^{42}K / ^{43}K / ^{44}K / ^{47}Ca / ^{43}Sc / ^{44}Sc / ^{44m}Sc / ^{46}Sc / ^{47}Sc / ^{48}Sc / ^{48}V / ^{48}Cr / ^{49}Cr / ^{51}Cr / ^{52}Mn / ^{52m}Mn / ^{54}Mn / ^{56}Mn / ^{52}Fe / ^{53}Fe / ^{55}Co / ^{56}Co / ^{57}Co, E=300, 500, 750, 1000, 1500, 2600 MeV; measured Eγ, Iγ, σ, mass distributions. ^{1}H(^{56}Fe, X)E=300, 500, 750, 100, 1500 MeV / nucleon; systematics of σ. ^{27}Al(p, x)^{22}Na; analyzed excitation function. JOUR PRVCA 78 034615
^{47}Ti	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008VO02	NUCLEAR REACTIONS ^{45}Sc(^{3}He, α), (^{3}He, p), E=11 Mev; measured Eγ, Iγ, particle spectra, α particle angular distributions; deduced level density, $\alpha\gamma$-coin. ^{44}Sc, ^{47}Ti; deduced level density. Comparison with theory. JOUR PRVCA 77 034613
^{47}V	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008FA03	NUCLEAR REACTIONS ^{46}Ti, ^{64}Zn, ^{114,116}Sn(p, γ), E(cm)=13.7 MeV; measured Eγ, Iγ following residual decay, σ; deduced astrophysical S-factors, reaction rates. Activation technique. JOUR NUPAB 802 26

A=48

^{48}Ar	2008BH09	NUCLEAR REACTIONS ^{48}Ca(^{238}U, X)^{47}Ar / ^{48}Ar, E=1.31 GeV; measured Eγ, Iγ, (particle)γ, $\gamma\gamma$-coin. ^{47,48}Ar; deduced levels, J, π. JOUR PRLTA 101 032501
^{48}Ca	2006FR27	ATOMIC MASSES ^{24,26}Mg, ^{40,48}Ca; measured masses of hydrogen-and lithium-like ions of Mg and Ca with SMILETRAP (Penning trap) mass spectrometer; analyzed binding energies. Comparisons with previous results. ^{204}Hg; measured time of flight spectrum. JOUR IMSPF 251 281
	2007GR22	NUCLEAR REACTIONS ^{48}Ca(^{3}He, t), E=420 MeV; measured charged particles, angular distributions; calculated Gamow-Teller strengths. ^{48}Sc; deduced levels, J, π. Compared with ^{48}Ca(p, n), E=134 MeV and ^{48}Ca(d, ^{2}He), E=183 MeV reactions. ^{48}Ca; implications for 2β decay. JOUR PRVCA 76 054307
	2007TAZS	NUCLEAR REACTIONS ^{48}Ca(p, p'), E=295 MeV; measured Ep, Ip. ^{48}Ca; deduced M1, E1 excitations. Cyclotron, Large Acceptance Spectrometer. CONF Kyoto(Spin Physics) Proc.P811,Tamii
	2008GA10	NUCLEAR REACTIONS ^{9}Be(^{36}Ar, X)^{19}F / ^{20}Ne / ^{21}Na / ^{22}Mg / ^{23}Al, E=130 MeV / nucleon; measured energy loss, intensities for reaction products. ^{9}Be(^{24}Si, X)^{23}Al / ^{23}Si, E=85.3 MeV / nucleon; measured single-particle cross sections, momentum distributions, spectroscopic factors. ^{9}Be(^{28}S, X)^{27}P, E=80.7 MeV / nucleon; measured Eγ, Iγ.^{9}Be(^{28}S, X)^{27}P / ^{27}S, E=80.7 MeV / nucleon; measured single particle cross sections, spectroscopic factors, momentum distributions. ^{7}Li, ^{8}B, ^{9,12,15}C, ^{16}O, ^{32,34,36}Ar, ^{24,30}Si, ^{26,28}S, ^{31}P, ^{40,48}Ca, ^{51}V, ^{90}Zr, ^{208}Pb; systematics of cross sections. JOUR PRVCA 77 044306
	2008ON02	NUCLEAR REACTIONS ^{9}Be(^{16}C, ^{16}C'), E=40 MeV / nucleon;^{9}Be(^{18}C, ^{18}C'), (^{18}C, ^{11}Be), (^{18}C, ^{16}N), E=79 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives using recoil shadow method. ^{11}Be, ^{16}N, ^{16,18}C; deduced levels, J, π, B(E2). ^{14}C, ^{16,18,20,22}O, ^{34}Si, ^{38,40,46,48}Ca; comparison of B(E2) values. JOUR PRVCA 78 014308
^{48}Sc	2007GR22	NUCLEAR REACTIONS ^{48}Ca(^{3}He, t), E=420 MeV; measured charged particles, angular distributions; calculated Gamow-Teller strengths. ^{48}Sc; deduced levels, J, π. Compared with ^{48}Ca(p, n), E=134 MeV and ^{48}Ca(d, ^{2}He), E=183 MeV reactions. ^{48}Ca; implications for 2β decay. JOUR PRVCA 76 054307

A=48 ***(continued)***

	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2007OH10	NUCLEAR MOMENTS ^{48}Sc(β^-); measured magnetic moment using the β-NMR method. JOUR HYIND 180 79
	2008TI05	NUCLEAR REACTIONS ^{56}Fe(p, X)^{7}Be / ^{22}Na / ^{24}Na / ^{27}Mg / ^{28}Mg / ^{29}Al / ^{38}S / ^{34m}Cl / ^{38}Cl / ^{39}Cl / ^{41}Ar / ^{42}K / ^{43}K / ^{44}K / ^{47}Ca / ^{43}Sc / ^{44}Sc / ^{44m}Sc / ^{46}Sc / ^{47}Sc / ^{48}Sc / ^{48}V / ^{48}Cr / ^{49}Cr / ^{51}Cr / ^{52}Mn / ^{52m}Mn / ^{54}Mn / ^{56}Mn / ^{52}Fe / ^{53}Fe / ^{55}Co / ^{56}Co / ^{57}Co, E=300, 500, 750, 1000, 1500, 2600 MeV; measured Eγ, Iγ, σ, mass distributions. ^{1}H(^{56}Fe, X)E=300, 500, 750, 100, 1500 MeV / nucleon; systematics of σ. ^{27}Al(p, x)^{22}Na; analyzed excitation function. JOUR PRVCA 78 034615
^{48}Ti	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2007OH10	NUCLEAR MOMENTS ^{48}Sc(β^-); measured magnetic moment using the β-NMR method. JOUR HYIND 180 79
	2007ZIZX	NUCLEAR REACTIONS ^{48}Ti, Se, ^{76}Se, Kr, ^{82}Kr, Cd, ^{106}Cd, Sm, ^{150}Sm(μ, ν), E not given; measured Eγ, Iγ, X-ray energies and intensities; deduced total and partial μ capture rates, yields of radioactive daughter nuclei. CONF Prague (MEDEX'07),Proc.P91,Zinatulina
	2008SC18	NUCLEAR REACTIONS Ti(^{21}Na, ^{21}Na), (^{21}Ne, ^{21}Ne'γ), E=1.7 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin. ^{21}Ne, ^{21}Na, ^{42,46,48}Ti; deduced levels, J, π, multipolarities, mixing ratios, B(E2). Coulomb excitation. JOUR PRVCA 78 044321

A=48 *(continued)*

^{48}V	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008TI05	NUCLEAR REACTIONS ^{56}Fe(p, X)^{7}Be / ^{22}Na / ^{24}Na / ^{27}Mg / ^{28}Mg / ^{29}Al / ^{38}S / ^{34m}Cl / ^{38}Cl / ^{39}Cl / ^{41}Ar / ^{42}K / ^{43}K / ^{44}K / ^{47}Ca / ^{43}Sc / ^{44}Sc / ^{44m}Sc / ^{46}Sc / ^{47}Sc / ^{48}Sc / ^{48}V / ^{48}Cr / ^{49}Cr / ^{51}Cr / ^{52}Mn / ^{52m}Mn / ^{54}Mn / ^{56}Mn / ^{52}Fe / ^{53}Fe / ^{55}Co / ^{56}Co / ^{57}Co, E=300, 500, 750, 1000, 1500, 2600 MeV; measured Eγ, Iγ, σ, mass distributions. ^{1}H(^{56}Fe, X)E=300, 500, 750, 100, 1500 MeV / nucleon; systematics of σ. ^{27}Al(p, x)^{22}Na; analyzed excitation function. JOUR PRVCA 78 034615
^{48}Cr	2008TI05	NUCLEAR REACTIONS ^{56}Fe(p, X)^{7}Be / ^{22}Na / ^{24}Na / ^{27}Mg / ^{28}Mg / ^{29}Al / ^{38}S / ^{34m}Cl / ^{38}Cl / ^{39}Cl / ^{41}Ar / ^{42}K / ^{43}K / ^{44}K / ^{47}Ca / ^{43}Sc / ^{44}Sc / ^{44m}Sc / ^{46}Sc / ^{47}Sc / ^{48}Sc / ^{48}V / ^{48}Cr / ^{49}Cr / ^{51}Cr / ^{52}Mn / ^{52m}Mn / ^{54}Mn / ^{56}Mn / ^{52}Fe / ^{53}Fe / ^{55}Co / ^{56}Co / ^{57}Co, E=300, 500, 750, 1000, 1500, 2600 MeV; measured Eγ, Iγ, σ, mass distributions. ^{1}H(^{56}Fe, X)E=300, 500, 750, 100, 1500 MeV / nucleon; systematics of σ. ^{27}Al(p, x)^{22}Na; analyzed excitation function. JOUR PRVCA 78 034615
^{48}Ni	2007BLZX	RADIOACTIVITY ^{45}Fe, ^{54}Zn, ^{48}Ni(2p); measured Ep, Ip, $T_{1/2}$. ^{45}Fe, ^{54}Zn, ^{48}Ni; deduced (2p) decays branching ratios. Comparison with theoretical models. CONF Lisbon (PROCON 2007),Proc.P87,Blank
	2008BOZY	RADIOACTIVITY ^{45}Fe, ^{48}Ni, ^{54}Zn(2p) [from Ni(^{58}Ni, X)]; measured Ep, Ip, β^{+}p-coin for 2p decay mode. Reviewed sequential and direct 2-proton decay modes. CONF Sinaia(Exotic Nuclei and Nucl.Part.Astorphysics(II)) Proc.P156,Bo

A=49

^{49}Cl	2008MA01	NUCLEAR REACTIONS ^{9}Be(^{76}Ge, X)^{49}Cl / ^{50}Ar / ^{51}Ar / ^{52}K / ^{53}K / ^{54}K / ^{53}Ca / ^{54}Ca / ^{55}Ca / ^{56}Ca / ^{55}Sc / ^{56}Sc / ^{57}Sc / ^{57}Ti / ^{58}Ti / ^{59}Ti / ^{60}V, E=140 MeV / nucleon; measured reaction yields. JOUR PRVCA 77 014313

A=49 *(continued)*

^{49}Sc	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
^{49}Ti	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
^{49}V	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609

A=49 *(continued)*

^{49}Cr	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008TI05	NUCLEAR REACTIONS ^{56}Fe(p, X)^{7}Be / ^{22}Na / ^{24}Na / ^{27}Mg / ^{28}Mg / ^{29}Al / ^{38}S / ^{34m}Cl / ^{38}Cl / ^{39}Cl / ^{41}Ar / ^{42}K / ^{43}K / ^{44}K / ^{47}Ca / ^{43}Sc / ^{44}Sc / ^{44m}Sc / ^{46}Sc / ^{47}Sc / ^{48}Sc / ^{48}V / ^{48}Cr / ^{49}Cr / ^{51}Cr / ^{52}Mn / ^{52m}Mn / ^{54}Mn / ^{56}Mn / ^{52}Fe / ^{53}Fe / ^{55}Co / ^{56}Co / ^{57}Co, E=300, 500, 750, 1000, 1500, 2600 MeV; measured Eγ, Iγ, σ, mass distributions. ^{1}H(^{56}Fe, X)E=300, 500, 750, 100, 1500 MeV / nucleon; systematics of σ. ^{27}Al(p, x)^{22}Na; analyzed excitation function. JOUR PRVCA 78 034615

A=50

^{50}Ar	2008MA01	NUCLEAR REACTIONS ^{9}Be(^{76}Ge, X)^{49}Cl / ^{50}Ar / ^{51}Ar / ^{52}K / ^{53}K / ^{54}K / ^{53}Ca / ^{54}Ca / ^{55}Ca / ^{56}Ca / ^{55}Sc / ^{56}Sc / ^{57}Sc / ^{57}Ti / ^{58}Ti / ^{59}Ti / ^{60}V, E=140 MeV / nucleon; measured reaction yields. JOUR PRVCA 77 014313
^{50}Sc	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609

A=50 *(continued)*

^{50}Ti	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
^{50}V	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008LAZX	NUCLEAR REACTIONS ^{45}Sc, ^{51}V(^{3}He, ^{3}He'γ), ^{45}Sc, ^{51}V(^{3}He, $\alpha\gamma$), E=30, 38 MeV; measured Eγ, Iγ, (particle)γ-coin. ^{44,45}Sc, ^{50,51}V; deduced level densities, γ strength functions. CONF Crete(FINUSTAR 2),Proc.P380,Larsen
	2008LAZZ	NUCLEAR REACTIONS ^{45}Sc, ^{51}V(^{3}He, ^{3}He'), E=30, 38 MeV; ^{45}Sc, ^{51}V(^{3}He, $\alpha\gamma$), E=30, 38 MeV;measured Eγ, Iγ; deduced level densities and γ strength function. CONF Yosemit(CNR 2007) Proc.P70,Larsen
^{50}Cr	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609

A=50 *(continued)*

	2008ER04	RADIOACTIVITY ^{50}Mn, ^{54}Co(EC); measured Q values using penning trap. JOUR PRLTA 100 132502
^{50}Mn	2007FUZY	NUCLEAR REACTIONS ^{50}Cr(^{3}He, t) E=140 MeV / nucleon; measured triton spectra. ^{50}Mn deduced levels. Compared results with those ^{50}Fe β-decay. CONF Kyoto(Spin Physics) Proc.P807,Fujita
	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008ER04	RADIOACTIVITY ^{50}Mn, ^{54}Co(EC); measured Q values using penning trap. JOUR PRLTA 100 132502
	2008FI07	RADIOACTIVITY ^{62}Ga(β^+); measured Eγ, Iγ, Eβ, $\beta\gamma$-coin, branching ratios; deduced ft values. ^{62}Zn; deduced levels, J, π. ^{10}C, ^{14}O, ^{22}Mg, ^{26m}Al, ^{34}Ca, ^{34}Ar, ^{38m}K, ^{42}Sc, ^{46}V, ^{50}Mn, ^{54}Co, ^{62}Ga, ^{74}Rb; systematics of superallowed β decays and ft values. JOUR PRVCA 78 025502
	2008FU04	NUCLEAR REACTIONS ^{50}Cr, ^{54}Fe(^{3}He, t), E=140 MeV / nucleon; measured triton spectra. Deduced B(GT). Merged analysis with β-decay half lives. JOUR JPGPE 35 014041
	2008HAZZ	RADIOACTIVITY ^{10}C, ^{14}O, ^{22}Mg, ^{26m}Al, ^{34}Cl, ^{34}Ar, ^{38m}K, ^{42}Sc, ^{46}V, ^{50}Mn, ^{54}Co, ^{62}Ga, ^{74}Rb; analyzed superallowed β-decay data. ^{34}Ar(β^+), (EC) [from ^{1}H(^{35}Cl, 2n), E=35 MeV / nucleon]; measured Eγ, Iγ, Eβ, $\beta\gamma$ coin; deduced β^++EC branches for superallowed β decay. CONF Sinaia(Exotic Nuclei and Nucl.Part.Astorphysics(II)) Proc.P119,Ha

A=51

^{51}Ar	2008MA01	NUCLEAR REACTIONS ^{9}Be(^{76}Ge, X)^{49}Cl / ^{50}Ar / ^{51}Ar / ^{52}K / ^{53}K / ^{54}K / ^{53}Ca / ^{54}Ca / ^{55}Ca / ^{56}Ca / ^{55}Sc / ^{56}Sc / ^{57}Sc / ^{57}Ti / ^{58}Ti / ^{59}Ti / ^{60}V, E=140 MeV / nucleon; measured reaction yields. JOUR PRVCA 77 014313
^{51}Ca	2008FO01	NUCLEAR REACTIONS ^{238}U(^{48}Ca, X), E=330 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{51}Ca, ^{52}Sc; deduced levels, J, π, configurations. Comparison with shell model calculations. JOUR PRVCA 77 014304

A=51 ***(continued)***

^{51}Ti	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008FA06	NUCLEAR REACTIONS ^{51}V(n, p), E=14.1, 14.6 MeV; ^{64}Ni(n, α), E=13.5, 14.6 MeV; ^{165}Ho(n, α), (n, 2n), E=14.1, 14.6 MeV; ^{180}W(n, 2n), E=13.5, 14.1 MeV; ^{186}W(n, 2n), E=14.1 MeV; measured σ using activation technique. Comparison with other data. JOUR ARISE 66 1104
	2008FU08	NUCLEAR REACTIONS ^{27}Al, ^{28}Si, ^{29}Si, ^{41}K, ^{51}V, ^{61}Ni, ^{65}Cu, ^{64,67}Zn, ^{69}Ga, ^{79}Br, ^{92}Mo(n, p), E=3.5-5.9 MeV; ^{69}Ga, ^{93}Nb(n, α), E=3.5-5.9 MeV; measured Eγ, Iγ, cross sections using the activation technique. JOUR ANEND 35 1652
^{51}V	2007LI81	NUCLEAR REACTIONS ^{27}Al(^{6}He, ^{6}He'), E=9.5-13.4 MeV; ^{51}V(^{7}Be, ^{7}Be'), E=26 MeV; measured reaction cross sections and angular distributions. Compared results to model calculations. JOUR ZSTNE 150 27
	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609

A=51 ***(continued)***

	2008GA10	NUCLEAR REACTIONS ^{9}Be(^{36}Ar, X)^{19}F / ^{20}Ne / ^{21}Na / ^{22}Mg / ^{23}Al, E=130 MeV / nucleon; measured energy loss, intensities for reaction products. ^{9}Be(^{24}Si, X)^{23}Al / ^{23}Si, E=85.3 MeV / nucleon; measured single-particle cross sections, momentum distributions, spectroscopic factors. ^{9}Be(^{28}S, X)^{27}P, E=80.7 MeV / nucleon; measured Eγ, Iγ.^{9}Be(^{28}S, X)^{27}P / ^{27}S, E=80.7 MeV / nucleon; measured single particle cross sections, spectroscopic factors, momentum distributions. ^{7}Li, ^{8}B, ^{9,12,15}C, ^{16}O, ^{32,34,36}Ar, ^{24,30}Si, ^{26,28}S, ^{31}P, ^{40,48}Ca, ^{51}V, ^{90}Zr, ^{208}Pb; systematics of cross sections. JOUR PRVCA 77 044306
	2008LAZX	NUCLEAR REACTIONS ^{45}Sc, ^{51}V(^{3}He, ^{3}He'γ), ^{45}Sc, ^{51}V(^{3}He, $\alpha\gamma$), E=30, 38 MeV; measured Eγ, Iγ, (particle)γ-coin. ^{44,45}Sc, ^{50,51}V; deduced level densities, γ strength functions. CONF Crete(FINUSTAR 2),Proc.P380,Larsen
	2008LAZZ	NUCLEAR REACTIONS ^{45}Sc, ^{51}V(^{3}He, ^{3}He'), E=30, 38 MeV; ^{45}Sc, ^{51}V(^{3}He, $\alpha\gamma$), E=30, 38 MeV;measured Eγ, Iγ; deduced level densities and γ strength function. CONF Yosemit(CNR 2007) Proc.P70,Larsen
^{51}Cr	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008TI05	NUCLEAR REACTIONS ^{56}Fe(p, X)^{7}Be / ^{22}Na / ^{24}Na / ^{27}Mg / ^{28}Mg / ^{29}Al / ^{38}S / ^{34m}Cl / ^{38}Cl / ^{39}Cl / ^{41}Ar / ^{42}K / ^{43}K / ^{44}K / ^{47}Ca / ^{43}Sc / ^{44}Sc / ^{44m}Sc / ^{46}Sc / ^{47}Sc / ^{48}Sc / ^{48}V / ^{48}Cr / ^{49}Cr / ^{51}Cr / ^{52}Mn / ^{52m}Mn / ^{54}Mn / ^{56}Mn / ^{52}Fe / ^{53}Fe / ^{55}Co / ^{56}Co / ^{57}Co, E=300, 500, 750, 1000, 1500, 2600 MeV; measured Eγ, Iγ, σ, mass distributions. ^{1}H(^{56}Fe, X)E=300, 500, 750, 100, 1500 MeV / nucleon; systematics of σ. ^{27}Al(p, x)^{22}Na; analyzed excitation function. JOUR PRVCA 78 034615

A=51 *(continued)*

^{51}Mn	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609

A=52

^{52}K	2008MA01	NUCLEAR REACTIONS ^{9}Be(^{76}Ge, X)^{49}Cl / ^{50}Ar / ^{51}Ar / ^{52}K / ^{53}K / ^{54}K / ^{53}Ca / ^{54}Ca / ^{55}Ca / ^{56}Ca / ^{55}Sc / ^{56}Sc / ^{57}Sc / ^{57}Ti / ^{58}Ti / ^{59}Ti / ^{60}V, E=140 MeV / nucleon; measured reaction yields. JOUR PRVCA 77 014313
^{52}Sc	2008FO01	NUCLEAR REACTIONS ^{238}U(^{48}Ca, X), E=330 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{51}Ca, ^{52}Sc; deduced levels, J, π, configurations. Comparison with shell model calculations. JOUR PRVCA 77 014304
^{52}Ti	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609

A=52 ***(continued)***

^{52}V	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
^{52}Cr	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
^{52}Mn	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609

A=52 *(continued)*

	2008TI05	NUCLEAR REACTIONS ^{56}Fe(p, X)^{7}Be / ^{22}Na / ^{24}Na / ^{27}Mg / ^{28}Mg / ^{29}Al / ^{38}S / ^{34m}Cl / ^{38}Cl / ^{39}Cl / ^{41}Ar / ^{42}K / ^{43}K / ^{44}K / ^{47}Ca / ^{43}Sc / ^{44}Sc / ^{44m}Sc / ^{46}Sc / ^{47}Sc / ^{48}Sc / ^{48}V / ^{48}Cr / ^{49}Cr / ^{51}Cr / ^{52}Mn / ^{52m}Mn / ^{54}Mn / ^{56}Mn / ^{52}Fe / ^{53}Fe / ^{55}Co / ^{56}Co / ^{57}Co, E=300, 500, 750, 1000, 1500, 2600 MeV; measured Eγ, Iγ, σ, mass distributions. ^{1}H(^{56}Fe, X)E=300, 500, 750, 100, 1500 MeV / nucleon; systematics of σ. ^{27}Al(p, x)^{22}Na; analyzed excitation function. JOUR PRVCA 78 034615
^{52}Fe	2008TI05	NUCLEAR REACTIONS ^{56}Fe(p, X)^{7}Be / ^{22}Na / ^{24}Na / ^{27}Mg / ^{28}Mg / ^{29}Al / ^{38}S / ^{34m}Cl / ^{38}Cl / ^{39}Cl / ^{41}Ar / ^{42}K / ^{43}K / ^{44}K / ^{47}Ca / ^{43}Sc / ^{44}Sc / ^{44m}Sc / ^{46}Sc / ^{47}Sc / ^{48}Sc / ^{48}V / ^{48}Cr / ^{49}Cr / ^{51}Cr / ^{52}Mn / ^{52m}Mn / ^{54}Mn / ^{56}Mn / ^{52}Fe / ^{53}Fe / ^{55}Co / ^{56}Co / ^{57}Co, E=300, 500, 750, 1000, 1500, 2600 MeV; measured Eγ, Iγ, σ, mass distributions. ^{1}H(^{56}Fe, X)E=300, 500, 750, 100, 1500 MeV / nucleon; systematics of σ. ^{27}Al(p, x)^{22}Na; analyzed excitation function. JOUR PRVCA 78 034615
^{52}Ni	2007BLZX	RADIOACTIVITY ^{45}Fe, ^{54}Zn, ^{48}Ni(2p); measured Ep, Ip, $T_{1/2}$. ^{45}Fe, ^{54}Zn, ^{48}Ni; deduced (2p) decays branching ratios. Comparison with theoretical models. CONF Lisbon (PROCON 2007),Proc.P87,Blank
	2008BOZY	RADIOACTIVITY ^{45}Fe, ^{48}Ni, ^{54}Zn(2p) [from Ni(^{58}Ni, X)]; measured Ep, Ip, β^{+}p-coin for 2p decay mode. Reviewed sequential and direct 2-proton decay modes. CONF Sinaia(Exotic Nuclei and Nucl.Part.Astorphysics(II)) Proc.P156,Bo

A=53

^{53}K	2008MA01	NUCLEAR REACTIONS ^{9}Be(^{76}Ge, X)^{49}Cl / ^{50}Ar / ^{51}Ar / ^{52}K / ^{53}K / ^{54}K / ^{53}Ca / ^{54}Ca / ^{55}Ca / ^{56}Ca / ^{55}Sc / ^{56}Sc / ^{57}Sc / ^{57}Ti / ^{58}Ti / ^{59}Ti / ^{60}V, E=140 MeV / nucleon; measured reaction yields. JOUR PRVCA 77 014313
^{53}Ca	2008MA01	RADIOACTIVITY ^{53,54,55,56}Ca(β^{-}) [from ^{9}Be(^{76}Ge, X), E=140 MeV / nucleon; measured Eγ, Iγ, $\beta\gamma$-coin, half-lives. ^{54}Ca; deduced Iβ, logft. ^{54}Sc; levels, J, π, half-lives, B(M1), B(E2), comparison with calculations. JOUR PRVCA 77 014313
	2008MA01	NUCLEAR REACTIONS ^{9}Be(^{76}Ge, X)^{49}Cl / ^{50}Ar / ^{51}Ar / ^{52}K / ^{53}K / ^{54}K / ^{53}Ca / ^{54}Ca / ^{55}Ca / ^{56}Ca / ^{55}Sc / ^{56}Sc / ^{57}Sc / ^{57}Ti / ^{58}Ti / ^{59}Ti / ^{60}V, E=140 MeV / nucleon; measured reaction yields. JOUR PRVCA 77 014313
^{53}Sc	2008MA01	RADIOACTIVITY ^{53,54,55,56}Ca(β^{-}) [from ^{9}Be(^{76}Ge, X), E=140 MeV / nucleon; measured Eγ, Iγ, $\beta\gamma$-coin, half-lives. ^{54}Ca; deduced Iβ, logft. ^{54}Sc; levels, J, π, half-lives, B(M1), B(E2), comparison with calculations. JOUR PRVCA 77 014313

A=53 ***(continued)***

^{53}V	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
^{53}Cr	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
^{53}Mn	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
^{53}Fe	2008KU01	NUCLEAR REACTIONS ^{46}Ti(^{12}C, X)^{58}Ni, E=80 MeV; ^{27}Al(^{31}P, X)^{58}Ni, E=131 MeV; measured inclusive and exclusive neutron evaporation spectra, Eγ, Iγ, nγ-coin. ^{53,55}Fe, ^{56}Co deduced average excitation energy and angular momenta. Comparison with statistical model calculations. JOUR NUPAB 798 1

A=53 *(continued)*

	2008RU07	NUCLEAR REACTIONS ^{9}Be(^{58}Ni, X), E=550 MeV / nucleon; measured time correlated β-delayed Eγ, Iγ. ^{53}Fe, ^{53}Co deduced levels, J, π, $T_{1/2}$. Comparison with shell model calculations. JOUR ZAANE 36 131
	2008TI05	NUCLEAR REACTIONS ^{56}Fe(p, X)^{7}Be / ^{22}Na / ^{24}Na / ^{27}Mg / ^{28}Mg / ^{29}Al / ^{38}S / ^{34m}Cl / ^{38}Cl / ^{39}Cl / ^{41}Ar / ^{42}K / ^{43}K / ^{44}K / ^{47}Ca / ^{43}Sc / ^{44}Sc / ^{44m}Sc / ^{46}Sc / ^{47}Sc / ^{48}Sc / ^{48}V / ^{48}Cr / ^{49}Cr / ^{51}Cr / ^{52}Mn / ^{52m}Mn / ^{54}Mn / ^{56}Mn / ^{52}Fe / ^{53}Fe / ^{55}Co / ^{56}Co / ^{57}Co, E=300, 500, 750, 1000, 1500, 2600 MeV; measured Eγ, Iγ, σ, mass distributions. ^{1}H(^{56}Fe, X)E=300, 500, 750, 100, 1500 MeV / nucleon; systematics of σ. ^{27}Al(p, x)^{22}Na; analyzed excitation function. JOUR PRVCA 78 034615
^{53}Co	2008RU07	NUCLEAR REACTIONS ^{9}Be(^{58}Ni, X), E=550 MeV / nucleon; measured time correlated β-delayed Eγ, Iγ. ^{53}Fe, ^{53}Co deduced levels, J, π, $T_{1/2}$. Comparison with shell model calculations. JOUR ZAANE 36 131
	2008RU09	RADIOACTIVITY ^{54}Ni(p); measured Eγ, Iγ from 10^{+} isomer decay. ^{53}Co; deduced levels, J, π. JOUR PRVCA 78 021301
^{53}Ni	2008BRZY	NUCLEAR REACTIONS Be(^{56}Ni, X)^{53}Ni, E not given; measured Iγ, Eγ; ^{53}Ni; deduced levels, J, π. CONF Crete(FINUSTAR 2),Proc.P347,Brown

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^{54}K	2008MA01	NUCLEAR REACTIONS ^{9}Be(^{76}Ge, X)^{49}Cl / ^{50}Ar / ^{51}Ar / ^{52}K / ^{53}K / ^{54}K / ^{53}Ca / ^{54}Ca / ^{55}Ca / ^{56}Ca / ^{55}Sc / ^{56}Sc / ^{57}Sc / ^{57}Ti / ^{58}Ti / ^{59}Ti / ^{60}V, E=140 MeV / nucleon; measured reaction yields. JOUR PRVCA 77 014313
^{54}Ca	2008MA01	RADIOACTIVITY ^{53,54,55,56}Ca(β^{-}) [from ^{9}Be(^{76}Ge, X), E=140 MeV / nucleon; measured Eγ, Iγ, $\beta\gamma$-coin, half-lives. ^{54}Ca; deduced Iβ, logft. ^{54}Sc; levels, J, π, half-lives, B(M1), B(E2), comparison with calculations. JOUR PRVCA 77 014313
	2008MA01	NUCLEAR REACTIONS ^{9}Be(^{76}Ge, X)^{49}Cl / ^{50}Ar / ^{51}Ar / ^{52}K / ^{53}K / ^{54}K / ^{53}Ca / ^{54}Ca / ^{55}Ca / ^{56}Ca / ^{55}Sc / ^{56}Sc / ^{57}Sc / ^{57}Ti / ^{58}Ti / ^{59}Ti / ^{60}V, E=140 MeV / nucleon; measured reaction yields. JOUR PRVCA 77 014313
^{54}Sc	2008MA01	RADIOACTIVITY ^{53,54,55,56}Ca(β^{-}) [from ^{9}Be(^{76}Ge, X), E=140 MeV / nucleon; measured Eγ, Iγ, $\beta\gamma$-coin, half-lives. ^{54}Ca; deduced Iβ, logft. ^{54}Sc; levels, J, π, half-lives, B(M1), B(E2), comparison with calculations. JOUR PRVCA 77 014313

A=54 *(continued)*

^{54}V	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
^{54}Cr	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
^{54}Mn	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008JO06	NUCLEAR REACTIONS ^{27}Al, ^{28}Si, ^{29}Si, ^{46,47}Ti, ^{54}Fe, ^{58}Ni, ^{64}Zn(n, p), ^{27}Al, ^{30}Si(n, α), ^{197}Au(n, γ), E= reactor; measured Eγ, Iγ, fast neutron spectrum averaged σ; comparator method. JOUR ARISE 66 1377

A=54 ***(continued)***

	2008KI14	NUCLEAR REACTIONS ^{51}V(^{20}Ne, X)^{54}Mn, E=145 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin; ^{54}Mn; deduced levels, J, π, γ-ray polarization, DCO ratio; clover detector array; calculated and compared yrast and non-yrast levels with shell model calculations using OXBASH code. JOUR JPGPE 35 095104
	2008MU16	NUCLEAR REACTIONS ^{55}Mn(n, 2n), E=14 MeV; measured En, In, nn-coin, cross section. Compared results to evaluated databases. JOUR NIMAE 595 439
	2008TI05	NUCLEAR REACTIONS ^{56}Fe(p, X)^{7}Be / ^{22}Na / ^{24}Na / ^{27}Mg / ^{28}Mg / ^{29}Al / ^{38}S / ^{34m}Cl / ^{38}Cl / ^{39}Cl / ^{41}Ar / ^{42}K / ^{43}K / ^{44}K / ^{47}Ca / ^{43}Sc / ^{44}Sc / ^{44m}Sc / ^{46}Sc / ^{47}Sc / ^{48}Sc / ^{48}V / ^{48}Cr / ^{49}Cr / ^{51}Cr / ^{52}Mn / ^{52m}Mn / ^{54}Mn / ^{56}Mn / ^{52}Fe / ^{53}Fe / ^{55}Co / ^{56}Co / ^{57}Co, E=300, 500, 750, 1000, 1500, 2600 MeV; measured Eγ, Iγ, σ, mass distributions. ^{1}H(^{56}Fe, X)E=300, 500, 750, 100, 1500 MeV / nucleon; systematics of σ. ^{27}Al(p, x)^{22}Na; analyzed excitation function. JOUR PRVCA 78 034615
	2009AL01	NUCLEAR REACTIONS Fe(p, xn)^{55}Co / ^{56}Co / ^{57}Co / ^{58}Co, (p, X)^{54}Mn, ^{57}Fe(p, n), (p, α), E < 18.5 MeV; measured Eγ, Iγ, excitation functions using the stacked foil activation technique. JOUR ARISE 67 122
^{54}Fe	2008ER04	RADIOACTIVITY ^{50}Mn, ^{54}Co(EC); measured Q values using penning trap. JOUR PRLTA 100 132502
	2008RU09	NUCLEAR REACTIONS ^{9}Be(^{58}Ni, X), E=550 MeV / nucleon; measured Eγ, Iγ, (fragment)γ-coin. ^{54}Ni; deduced levels, J, π, B(E2), B(E4), half-life of 10^+ state, magnetic dipole moments, electric quadrupole moments. ^{54}Fe, ^{54}Ni; systematics of 10^+ isomer decay properties. JOUR PRVCA 78 021301
^{54}Co	2008ER04	RADIOACTIVITY ^{50}Mn, ^{54}Co(EC); measured Q values using penning trap. JOUR PRLTA 100 132502
	2008FI07	RADIOACTIVITY ^{62}Ga(β^+); measured Eγ, Iγ, Eβ, $\beta\gamma$-coin, branching ratios; deduced ft values. ^{62}Zn; deduced levels, J, π. ^{10}C, ^{14}O, ^{22}Mg, ^{26m}Al, ^{34}Ca, ^{34}Ar, ^{38m}K, ^{42}Sc, ^{46}V, ^{50}Mn, ^{54}Co, ^{62}Ga, ^{74}Rb; systematics of superallowed β decays and ft values. JOUR PRVCA 78 025502
	2008FU04	NUCLEAR REACTIONS ^{50}Cr, ^{54}Fe(^{3}He, t), E=140 MeV / nucleon; measured triton spectra. Deduced B(GT). Merged analysis with β-decay half lives. JOUR JPGPE 35 014041
	2008HAZZ	RADIOACTIVITY ^{10}C, ^{14}O, ^{22}Mg, ^{26m}Al, ^{34}Cl, ^{34}Ar, ^{38m}K, ^{42}Sc, ^{46}V, ^{50}Mn, ^{54}Co, ^{62}Ga, ^{74}Rb; analyzed superallowed β-decay data. ^{34}Ar(β^+), (EC) [from ^{1}H(^{35}Cl, 2n), E=35 MeV / nucleon]; measured Eγ, Iγ, Eβ, $\beta\gamma$ coin; deduced β^++EC branches for superallowed β decay. CONF Sinaia(Exotic Nuclei and Nucl.Part.Astorphysics(II)) Proc.P119,Ha
^{54}Ni	2008RU09	NUCLEAR REACTIONS ^{9}Be(^{58}Ni, X), E=550 MeV / nucleon; measured Eγ, Iγ, (fragment)γ-coin. ^{54}Ni; deduced levels, J, π, B(E2), B(E4), half-life of 10^+ state, magnetic dipole moments, electric quadrupole moments. ^{54}Fe, ^{54}Ni; systematics of 10^+ isomer decay properties. JOUR PRVCA 78 021301

A=54 *(continued)*

	2008RU09	RADIOACTIVITY ^{54}Ni(p); measured Eγ, Iγ from 10^+ isomer decay. ^{53}Co; deduced levels, J, π. JOUR PRVCA 78 021301
^{54}Zn	2007BLZX	RADIOACTIVITY ^{45}Fe, ^{54}Zn, ^{48}Ni(2p); measured Ep, Ip, $T_{1/2}$. ^{45}Fe, ^{54}Zn, ^{48}Ni; deduced (2p) decays branching ratios. Comparison with theoretical models. CONF Lisbon (PROCON 2007),Proc.P87,Blank
	2008BOZY	RADIOACTIVITY ^{45}Fe, ^{48}Ni, ^{54}Zn(2p) [from Ni(^{58}Ni, X)]; measured Ep, Ip, β^+p-coin for 2p decay mode. Reviewed sequential and direct 2-proton decay modes. CONF Sinaia(Exotic Nuclei and Nucl.Part.Astorphysics(II)) Proc.P156,Bo

A=55

^{55}Ca	2008MA01	RADIOACTIVITY ^{53,54,55,56}Ca(β^-) [from ^{9}Be(^{76}Ge, X), E=140 MeV / nucleon; measured Eγ, Iγ, $\beta\gamma$-coin, half-lives. ^{54}Ca; deduced Iβ, logft. ^{54}Sc; levels, J, π, half-lives, B(M1), B(E2), comparison with calculations. JOUR PRVCA 77 014313
	2008MA01	NUCLEAR REACTIONS ^{9}Be(^{76}Ge, X)^{49}Cl / ^{50}Ar / ^{51}Ar / ^{52}K / ^{53}K / ^{54}K / ^{53}Ca / ^{54}Ca / ^{55}Ca / ^{56}Ca / ^{55}Sc / ^{56}Sc / ^{57}Sc / ^{57}Ti / ^{58}Ti / ^{59}Ti / ^{60}V, E=140 MeV / nucleon; measured reaction yields. JOUR PRVCA 77 014313
^{55}Sc	2008MA01	RADIOACTIVITY ^{53,54,55,56}Ca(β^-) [from ^{9}Be(^{76}Ge, X), E=140 MeV / nucleon; measured Eγ, Iγ, $\beta\gamma$-coin, half-lives. ^{54}Ca; deduced Iβ, logft. ^{54}Sc; levels, J, π, half-lives, B(M1), B(E2), comparison with calculations. JOUR PRVCA 77 014313
	2008MA01	NUCLEAR REACTIONS ^{9}Be(^{76}Ge, X)^{49}Cl / ^{50}Ar / ^{51}Ar / ^{52}K / ^{53}K / ^{54}K / ^{53}Ca / ^{54}Ca / ^{55}Ca / ^{56}Ca / ^{55}Sc / ^{56}Sc / ^{57}Sc / ^{57}Ti / ^{58}Ti / ^{59}Ti / ^{60}V, E=140 MeV / nucleon; measured reaction yields. JOUR PRVCA 77 014313
^{55}V	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609

A=55 ***(continued)***

^{55}Cr	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
^{55}Mn	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
^{55}Fe	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008KU01	NUCLEAR REACTIONS ^{46}Ti(^{12}C, X)^{58}Ni, E=80 MeV; ^{27}Al(^{31}P, X)^{58}Ni, E=131 MeV; measured inclusive and exclusive neutron evaporation spectra, Eγ, Iγ, nγ-coin. ^{53,55}Fe, ^{56}Co deduced average excitation energy and angular momenta. Comparison with statistical model calculations. JOUR NUPAB 798 1
^{55}Co	2008JO04	RADIOACTIVITY ^{56}Ni(p); measured proton spectra. ^{55}Co; deduced levels, J, π. JOUR PRVCA 77 064316

A=55 *(continued)*

2008TI05 NUCLEAR REACTIONS ^{56}Fe(p, X)^{7}Be / ^{22}Na / ^{24}Na / ^{27}Mg / ^{28}Mg / ^{29}Al / ^{38}S / ^{34m}Cl / ^{38}Cl / ^{39}Cl / ^{41}Ar / ^{42}K / ^{43}K / ^{44}K / ^{47}Ca / ^{43}Sc / ^{44}Sc / ^{44m}Sc / ^{46}Sc / ^{47}Sc / ^{48}Sc / ^{48}V / ^{48}Cr / ^{49}Cr / ^{51}Cr / ^{52}Mn / ^{52m}Mn / ^{54}Mn / ^{56}Mn / ^{52}Fe / ^{53}Fe / ^{55}Co / ^{56}Co / ^{57}Co, E=300, 500, 750, 1000, 1500, 2600 MeV; measured Eγ, Iγ, σ, mass distributions. ^{1}H(^{56}Fe, X)E=300, 500, 750, 100, 1500 MeV / nucleon; systematics of σ. ^{27}Al(p, x)^{22}Na; analyzed excitation function. JOUR PRVCA 78 034615

2009AL01 NUCLEAR REACTIONS Fe(p, xn)^{55}Co / ^{56}Co / ^{57}Co / ^{58}Co, (p, X)^{54}Mn, ^{57}Fe(p, n), (p, α), E < 18.5 MeV; measured Eγ, Iγ, excitation functions using the stacked foil activation technique. JOUR ARISE 67 122

A=56

^{56}Ca 2008MA01 RADIOACTIVITY ^{53,54,55,56}Ca(β^-) [from ^{9}Be(^{76}Ge, X), E=140 MeV / nucleon; measured Eγ, Iγ, $\beta\gamma$-coin, half-lives. ^{54}Ca; deduced Iβ, logft. ^{54}Sc; levels, J, π, half-lives, B(M1), B(E2), comparison with calculations. JOUR PRVCA 77 014313

2008MA01 NUCLEAR REACTIONS ^{9}Be(^{76}Ge, X)^{49}Cl / ^{50}Ar / ^{51}Ar / ^{52}K / ^{53}K / ^{54}K / ^{53}Ca / ^{54}Ca / ^{55}Ca / ^{56}Ca / ^{55}Sc / ^{56}Sc / ^{57}Sc / ^{57}Ti / ^{58}Ti / ^{59}Ti / ^{60}V, E=140 MeV / nucleon; measured reaction yields. JOUR PRVCA 77 014313

^{56}Sc 2008MA01 RADIOACTIVITY ^{53,54,55,56}Ca(β^-) [from ^{9}Be(^{76}Ge, X), E=140 MeV / nucleon; measured Eγ, Iγ, $\beta\gamma$-coin, half-lives. ^{54}Ca; deduced Iβ, logft. ^{54}Sc; levels, J, π, half-lives, B(M1), B(E2), comparison with calculations. JOUR PRVCA 77 014313

2008MA01 NUCLEAR REACTIONS ^{9}Be(^{76}Ge, X)^{49}Cl / ^{50}Ar / ^{51}Ar / ^{52}K / ^{53}K / ^{54}K / ^{53}Ca / ^{54}Ca / ^{55}Ca / ^{56}Ca / ^{55}Sc / ^{56}Sc / ^{57}Sc / ^{57}Ti / ^{58}Ti / ^{59}Ti / ^{60}V, E=140 MeV / nucleon; measured reaction yields. JOUR PRVCA 77 014313

^{56}Cr 2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609

A=56 *(continued)*

^{56}Mn	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008TI05	NUCLEAR REACTIONS ^{56}Fe(p, X)^{7}Be / ^{22}Na / ^{24}Na / ^{27}Mg / ^{28}Mg / ^{29}Al / ^{38}S / ^{34m}Cl / ^{38}Cl / ^{39}Cl / ^{41}Ar / ^{42}K / ^{43}K / ^{44}K / ^{47}Ca / ^{43}Sc / ^{44}Sc / ^{44m}Sc / ^{46}Sc / ^{47}Sc / ^{48}Sc / ^{48}V / ^{48}Cr / ^{49}Cr / ^{51}Cr / ^{52}Mn / ^{52m}Mn / ^{54}Mn / ^{56}Mn / ^{52}Fe / ^{53}Fe / ^{55}Co / ^{56}Co / ^{57}Co, E=300, 500, 750, 1000, 1500, 2600 MeV; measured Eγ, Iγ, σ, mass distributions. ^{1}H(^{56}Fe, X)E=300, 500, 750, 100, 1500 MeV / nucleon; systematics of σ. ^{27}Al(p, x)^{22}Na; analyzed excitation function. JOUR PRVCA 78 034615
	2008VO04	NUCLEAR REACTIONS ^{180,182}Hf(n, γ), E=thermal; measured Eγ, Iγ, σ, reaction rates. ^{94,96}Zr(n, γ), E=thermal; measured reaction rates. ^{23}Na, ^{37}Cl, ^{55}Mn, ^{115}In, ^{179}Hf, ^{182}Ta(n, γ), E=thermal; measured Eγ. JOUR PRVCA 77 044608
^{56}Fe	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008DR04	RADIOACTIVITY ^{56}Co(β^+); measured Eγ, Iγ, $\beta\gamma$-coin; deduced emission probabilities. JOUR ARISE 66 711
	2008HO05	NUCLEAR REACTIONS ^{238}U(^{64}Ni, X), E=430 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{61}Fe; deduced levels, J, π. ^{59}Fe; measured Eγ, Iγ. ^{56,57,58,59,60}Fe; systematics. Comparisons with shell model and particle-triaxial rotor model. JOUR PRVCA 77 044314
	2008OH02	NUCLEAR REACTIONS ^{56}Fe, ^{89}Y, ^{208}Pb(n, n), E=96 MeV; measured $\sigma(\theta)$; ^{12}C, ^{16}O; systematics, compared with Wick's limit. JOUR PRVCA 77 024605

A=56 *(continued)*

^{56}Co	2008DR04	RADIOACTIVITY ^{56}Co(β^+); measured Eγ, Iγ, $\beta\gamma$-coin; deduced emission probabilities. JOUR ARISE 66 711
	2008EI01	NUCLEAR REACTIONS ^{12}C(ν, ν'), E < 52.8 MeV; ^{12,13}C, ^{56}Fe(ν, e$^-$), E < 52.8 MeV; measured flux averaged cross sections, energy distribution of ν-induced single events; deduced neutrino oscillation upper limit. JOUR JPGPE 35 014055
	2008KU01	NUCLEAR REACTIONS ^{46}Ti(^{12}C, X)^{58}Ni, E=80 MeV; ^{27}Al(^{31}P, X)^{58}Ni, E=131 MeV; measured inclusive and exclusive neutron evaporation spectra, Eγ, Iγ, nγ-coin. ^{53,55}Fe, ^{56}Co deduced average excitation energy and angular momenta. Comparison with statistical model calculations. JOUR NUPAB 798 1
	2008TI05	NUCLEAR REACTIONS ^{56}Fe(p, X)^{7}Be / ^{22}Na / ^{24}Na / ^{27}Mg / ^{28}Mg / ^{29}Al / ^{38}S / ^{34m}Cl / ^{38}Cl / ^{39}Cl / ^{41}Ar / ^{42}K / ^{43}K / ^{44}K / ^{47}Ca / ^{43}Sc / ^{44}Sc / ^{44m}Sc / ^{46}Sc / ^{47}Sc / ^{48}Sc / ^{48}V / ^{48}Cr / ^{49}Cr / ^{51}Cr / ^{52}Mn / ^{52m}Mn / ^{54}Mn / ^{56}Mn / ^{52}Fe / ^{53}Fe / ^{55}Co / ^{56}Co / ^{57}Co, E=300, 500, 750, 1000, 1500, 2600 MeV; measured Eγ, Iγ, σ, mass distributions. ^{1}H(^{56}Fe, X)E=300, 500, 750, 100, 1500 MeV / nucleon; systematics of σ. ^{27}Al(p, x)^{22}Na; analyzed excitation function. JOUR PRVCA 78 034615
	2009AL01	NUCLEAR REACTIONS Fe(p, xn)^{55}Co / ^{56}Co / ^{57}Co / ^{58}Co, (p, X)^{54}Mn, ^{57}Fe(p, n), (p, α), E < 18.5 MeV; measured Eγ, Iγ, excitation functions using the stacked foil activation technique. JOUR ARISE 67 122
^{56}Ni	2008JO04	NUCLEAR REACTIONS ^{28}Si(^{36}Ar, 2α), E=142, 143, 148 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular distributions, multipolarities. ^{56}Ni; deduced levels, J, π, bands, deformation parameters. Comparison with cranked Nilsson-Strutinsky calculations. JOUR PRVCA 77 064316
	2008JO04	RADIOACTIVITY ^{56}Ni(p); measured proton spectra. ^{55}Co; deduced levels, J, π. JOUR PRVCA 77 064316
	2008MO02	NUCLEAR REACTIONS ^{2}H(^{56}Ni, ^{56}Ni), E=50 MeV / nucleon; measured deuteron recoil energies and yields. ^{56}Ni; deduced isoscaler giant monopole and giant quadrupole resonance centroids and angular distributions. JOUR PRLTA 100 042501
	2008OR02	NUCLEAR REACTIONS ^{58,60}Ni(n, n'γ)E=1.6, 1.8 MeV; measured Eγ, Iγ, half-life of 2$^+$ states. ^{58}Ni, ^{60}Ni; deduced B(E2) values. Doppler shift attenuation method. ^{56,62,64,66,68}Ni; calculated lifetimes, B(E2). JOUR PRVCA 77 064301

A=57

^{57}Sc	2008MA01	NUCLEAR REACTIONS ^{9}Be(^{76}Ge, X)^{49}Cl / ^{50}Ar / ^{51}Ar / ^{52}K / ^{53}K / ^{54}K / ^{53}Ca / ^{54}Ca / ^{55}Ca / ^{56}Ca / ^{55}Sc / ^{56}Sc / ^{57}Sc / ^{57}Ti / ^{58}Ti / ^{59}Ti / ^{60}V, E=140 MeV / nucleon; measured reaction yields. JOUR PRVCA 77 014313
^{57}Ti	2008MA01	NUCLEAR REACTIONS ^{9}Be(^{76}Ge, X)^{49}Cl / ^{50}Ar / ^{51}Ar / ^{52}K / ^{53}K / ^{54}K / ^{53}Ca / ^{54}Ca / ^{55}Ca / ^{56}Ca / ^{55}Sc / ^{56}Sc / ^{57}Sc / ^{57}Ti / ^{58}Ti / ^{59}Ti / ^{60}V, E=140 MeV / nucleon; measured reaction yields. JOUR PRVCA 77 014313

A=57 *(continued)*

^{57}Cr	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
^{57}Mn	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
^{57}Fe	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008HO05	NUCLEAR REACTIONS ^{238}U(^{64}Ni, X), E=430 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{61}Fe; deduced levels, J, π. ^{59}Fe; measured Eγ, Iγ. ^{56,57,58,59,60}Fe; systematics. Comparisons with shell model and particle-triaxial rotor model. JOUR PRVCA 77 044314

A=57 *(continued)*

	2008RU04	NUCLEAR REACTIONS ^{98,100}Mo(γ, γ'), E<15 MeV; measured Eγ, Iγ, photoabsorption σ, giant resonances, angular distributions, distribution of mean branching ratios, dipole strength functions; deduced multipolarities. ^{27}Al, ^{28}Si, ^{56}Fe, ^{63}Cu, ^{70,72,73,74}Ge(n, γ), E=thermal; measured Eγ, Iγ. ^{99,101}Mo(γ, n); analyzed cross sections. ^{97}Mo(n, γ), ^{98}Mo(^{3}He, ^{3}He'γ); comparisons. JOUR PRVCA 77 064321
	2008VOZY	NUCLEAR REACTIONS ^{27}Al, ^{59}Co, ^{65}Cu(d, n), E=7.5 MeV; measured neutron time of flight; deduced level densities. ^{59}Co(p, γ), E=1.9 MeV; measured Eγ, Iγ; ^{57}Fe(^{3}He, ^{3}He'), E=10 MeV; measured charged particle energies and angular distributions; deduced γ strength functions. CONF Yosemite(CNR 2007) Proc.P61,Voinov
^{57}Co	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008TI05	NUCLEAR REACTIONS ^{56}Fe(p, X)^{7}Be / ^{22}Na / ^{24}Na / ^{27}Mg / ^{28}Mg / ^{29}Al / ^{38}S / ^{34m}Cl / ^{38}Cl / ^{39}Cl / ^{41}Ar / ^{42}K / ^{43}K / ^{44}K / ^{47}Ca / ^{43}Sc / ^{44}Sc / ^{44m}Sc / ^{46}Sc / ^{47}Sc / ^{48}Sc / ^{48}V / ^{48}Cr / ^{49}Cr / ^{51}Cr / ^{52}Mn / ^{52m}Mn / ^{54}Mn / ^{56}Mn / ^{52}Fe / ^{53}Fe / ^{55}Co / ^{56}Co / ^{57}Co, E=300, 500, 750, 1000, 1500, 2600 MeV; measured Eγ, Iγ, σ, mass distributions. ^{1}H(^{56}Fe, X)E=300, 500, 750, 100, 1500 MeV / nucleon; systematics of σ. ^{27}Al(p, x)^{22}Na; analyzed excitation function. JOUR PRVCA 78 034615
	2009AL01	NUCLEAR REACTIONS Fe(p, xn)^{55}Co / ^{56}Co / ^{57}Co / ^{58}Co, (p, X)^{54}Mn, ^{57}Fe(p, n), (p, α), E < 18.5 MeV; measured Eγ, Iγ, excitation functions using the stacked foil activation technique. JOUR ARISE 67 122
^{57}Ni	2007JOZW	RADIOACTIVITY ^{58}Cu(p) [^{28}Si(^{36}Ar, xpyn)^{58}Cu, E=143 MeV]; measured Eγ, Iγ, Ep, Ip, $\gamma\gamma$, γp-coin. ^{58}Cu; deduced (prompt p) decay, rotational levels; ^{57}Ni; deduced levels. CONF Lisbon (PROCON 2007),Proc.P41,Johansson
	2007MI48	RADIOACTIVITY ^{57}Cu(β^+); measured ground state magnetic moment using the β-NMR technique. Deduced spin expectation value. JOUR ZSTNE 150 145
^{57}Cu	2007MI48	RADIOACTIVITY ^{57}Cu(β^+); measured ground state magnetic moment using the β-NMR technique. Deduced spin expectation value. JOUR ZSTNE 150 145

A=57 *(continued)*

2008ST12 NUCLEAR MOMENTS ^{58,59}Cu; measured magnetic moments, isotope shifts. In-source laser spectrometry. Comparison with theoretical data. ^{57,60,61,62,63,64,65,66,67,68,69}Cu; comparison between theory and experiments. JOUR PRVCA 77 067302

A=58

^{58}Ti 2008AO01 NUCLEAR REACTIONS ^{1}H(^{58}Ti, ^{58}Ti'), (^{60}Cr, ^{60}Cr'), (^{62}Cr, ^{62}Cr'), E≈40 MeV / nucleon; measured Eγ, Iγ, γγ-coin. ^{58}Ti, ^{60,62}Cr deduced levels, J, π, deformation lengths. Inverse kinematics. JOUR NUPAB 805 400c

2008MA01 NUCLEAR REACTIONS ^{9}Be(^{76}Ge, X)^{49}Cl / ^{50}Ar / ^{51}Ar / ^{52}K / ^{53}K / ^{54}K / ^{53}Ca / ^{54}Ca / ^{55}Ca / ^{56}Ca / ^{55}Sc / ^{56}Sc / ^{57}Sc / ^{57}Ti / ^{58}Ti / ^{59}Ti / ^{60}V, E=140 MeV / nucleon; measured reaction yields. JOUR PRVCA 77 014313

^{58}Mn 2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609

2008VA08 NUCLEAR REACTIONS ^{238}U(^{70}Zn, X)^{58}Mn / ^{59}Mn / ^{60}Mn / ^{61}Mn / ^{62}Mn / ^{63}Mn, E=460 MeV; measured Eγ, Iγ, (particle)γ-, γγ-coin. ^{59,60,61,62,63}Mn; deduced levels, J, π. Comparison with large scale shell model calculations. JOUR PRVCA 78 024302

^{58}Fe 2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609

A=58 *(continued)*

	2008HO05	NUCLEAR REACTIONS ^{238}U(^{64}Ni, X), E=430 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{61}Fe; deduced levels, J, π. ^{59}Fe; measured Eγ, Iγ. ^{56,57,58,59,60}Fe; systematics. Comparisons with shell model and particle-triaxial rotor model. JOUR PRVCA 77 044314
^{58}Co	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008JO06	NUCLEAR REACTIONS ^{27}Al, ^{28}Si, ^{29}Si, ^{46,47}Ti, ^{54}Fe, ^{58}Ni, ^{64}Zn(n, p), ^{27}Al, ^{30}Si(n, α), ^{197}Au(n, γ), E= reactor; measured Eγ, Iγ, fast neutron spectrum averaged σ; comparator method. JOUR ARISE 66 1377
	2009AL01	NUCLEAR REACTIONS Fe(p, xn)^{55}Co / ^{56}Co / ^{57}Co / ^{58}Co, (p, X)^{54}Mn, ^{57}Fe(p, n), (p, α), E < 18.5 MeV; measured Eγ, Iγ, excitation functions using the stacked foil activation technique. JOUR ARISE 67 122
^{58}Ni	2008AG11	NUCLEAR REACTIONS ^{58}Ni(^{8}B, p^{7}Be), E=25.0, 26.9, 28.4 MeV; measured light fragments energy spectra, single angle excitation function, $\sigma(\theta)$; Comparison with CDCC calculation. JOUR PANUE 71 1163
	2008BI04	NUCLEAR REACTIONS ^{64}Ni(^{6}Li, ^{6}Li), E=1326 MeV; measured $\sigma(\theta)$; ^{58}Ni(^{6}Li, ^{6}Li), E=1220 MeV; analyzed $\sigma(\theta)$. Double folding optical model, threshold behaviour. JOUR NUPAB 802 67
	2008DO19	NUCLEAR REACTIONS ^{58}Ni(^{114}Sn, ^{114}Sn'), (^{116}Sn, ^{116}Sn'), E=3.4 MeV / nucleon; measured Eγ, Iγ. ^{114,116}Sn; deduced B(E2). Comparison with large-scale shell model calculations and B(E2) for even-even Tin isotopes. Coulomb excitation. JOUR PRVCA 78 031303
	2008EKZZ	NUCLEAR REACTIONS ^{58}Ni(^{106}Sn, ^{106}Sn'), ^{58}Ni(^{108}Sn, ^{108}Sn'), ^{58}Ni(^{110}Sn, ^{110}Sn'), E=2.8 MeV / nucleon; measured Eγ, Iγ; ^{106,108,110}Sn; deduced B(E2). Compared results with existing data. CONF Crete(FINUSTAR 2),Proc.P296,Ekstrom
	2008KRZZ	NUCLEAR REACTIONS ^{58}Ni(^{122}Cd, ^{122}Cd'), (^{124}Cd, ^{124}Cd'), (^{126}Cd, ^{126}Cd'), (^{138}Xe, ^{138}Xe'), (^{140}Xe, ^{140}Xe'), (^{142}Xe, ^{142}Xe'), (^{144}Xe, ^{144}Xe'), (^{140}Ba, ^{140}Ba'), E=2.85 MeV / nucleon; measured Eγ, Iγ, g-factor; ^{122,124,126}Cd, ^{138,140,142,144}Xe, ^{140}Ba; deduced B(E2). Compared results to existing data, systematics and model calculations. CONF Crete(FINUSTAR 2),Proc.P84,Kroll

A=58 *(continued)*

	2008KU01	NUCLEAR REACTIONS ^{46}Ti(^{12}C, X)^{58}Ni, E=80 MeV; ^{27}Al(^{31}P, X)^{58}Ni, E=131 MeV; measured inclusive and exclusive neutron evaporation spectra, Eγ, Iγ, nγ-coin. ^{53,55}Fe, ^{56}Co deduced average excitation energy and angular momenta. Comparison with statistical model calculations. JOUR NUPAB 798 1
	2008OR02	NUCLEAR REACTIONS ^{58,60}Ni(n, n'γ)E=1.6, 1.8 MeV; measured Eγ, Iγ, half-life of 2^+ states. ^{58}Ni, ^{60}Ni; deduced B(E2) values. Doppler shift attenuation method. ^{56,62,64,66,68}Ni; calculated lifetimes, B(E2). JOUR PRVCA 77 064301
	2008TE03	NUCLEAR REACTIONS ^{116,118,120,122,124}Sn(p, p), E=295 MeV; measured $\sigma(\theta)$, analyzing powers, nucleon density distributions, rms radii. ^{58}Ni; calculated proton, neutron density distributions. JOUR PRVCA 77 024317
^{58}Cu	2007JOZW	RADIOACTIVITY ^{58}Cu(p) [^{28}Si(^{36}Ar, xpyn)^{58}Cu, E=143 MeV]; measured Eγ, Iγ, Ep, Ip, $\gamma\gamma$, γp-coin. ^{58}Cu; deduced (prompt p) decay, rotational levels; ^{57}Ni; deduced levels. CONF Lisbon (PROCON 2007),Proc.P41,Johansson
	2008ST12	NUCLEAR MOMENTS ^{58,59}Cu; measured magnetic moments, isotope shifts. In-source laser spectrometry. Comparison with theoretical data. ^{57,60,61,62,63,64,65,66,67,68,69}Cu; comparison between theory and experiments. JOUR PRVCA 77 067302

A=59

^{59}Ti	2008MA01	NUCLEAR REACTIONS ^{9}Be(^{76}Ge, X)^{49}Cl / ^{50}Ar / ^{51}Ar / ^{52}K / ^{53}K / ^{54}K / ^{53}Ca / ^{54}Ca / ^{55}Ca / ^{56}Ca / ^{55}Sc / ^{56}Sc / ^{57}Sc / ^{57}Ti / ^{58}Ti / ^{59}Ti / ^{60}V, E=140 MeV / nucleon; measured reaction yields. JOUR PRVCA 77 014313
^{59}Mn	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008VA08	NUCLEAR REACTIONS ^{238}U(^{70}Zn, X)^{58}Mn / ^{59}Mn / ^{60}Mn / ^{61}Mn / ^{62}Mn / ^{63}Mn, E=460 MeV; measured Eγ, Iγ, (particle)γ-, $\gamma\gamma$-coin. ^{59,60,61,62,63}Mn; deduced levels, J, π. Comparison with large scale shell model calculations. JOUR PRVCA 78 024302

A=59 *(continued)*

^{59}Fe	2007DE56	NUCLEAR REACTIONS ^{13,14}C(^{48}Ca, 2n), E=2.75 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma(\theta)$, symmetry parameters. ^{59,60}Fe; deduced angular momenta, levels, J, π; calculated potential energy surfaces. Shell model calculations. JOUR PRVCA 76 054303
	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008HE01	NUCLEAR REACTIONS ^{58}Fe, ^{59}Co, ^{64}Ni, ^{63,65}Cu(n, γ), E=25 keV; measured neutron capture cross sections, Eγ; ^{59}Fe, ^{60}Co, ^{65}Ni, ^{64,66}Cu, ^{198}Au; deduced nucleosynthesis yields in stars. JOUR PRVCA 77 015808
	2008HO05	NUCLEAR REACTIONS ^{238}U(^{64}Ni, X), E=430 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{61}Fe; deduced levels, J, π. ^{59}Fe; measured Eγ, Iγ. ^{56,57,58,59,60}Fe; systematics. Comparisons with shell model and particle-triaxial rotor model. JOUR PRVCA 77 044314
^{59}Co	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008BEZZ	NUCLEAR REACTIONS ^{59}Co(^{6}Li, ^{6}Li), E=12, 18, 26, 30 MeV; measured particle spectra, $\sigma(\theta)$; deduced potential parameters. ^{59}Co(^{6}Li, dα), E=41 MeV; measured $\sigma(\theta)$. Compared results to coupled channel calculations. CONF Crete(FINUSTAR 2),Proc.P233,Beck

A=59 *(continued)*

^{59}Ni	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
^{59}Cu	2008ST12	NUCLEAR MOMENTS ^{58,59}Cu; measured magnetic moments, isotope shifts. In-source laser spectrometry. Comparison with theoretical data. ^{57,60,61,62,63,64,65,66,67,68,69}Cu; comparison between theory and experiments. JOUR PRVCA 77 067302

A=60

^{60}V	2008MA01	NUCLEAR REACTIONS ^{9}Be(^{76}Ge, X)^{49}Cl / ^{50}Ar / ^{51}Ar / ^{52}K / ^{53}K / ^{54}K / ^{53}Ca / ^{54}Ca / ^{55}Ca / ^{56}Ca / ^{55}Sc / ^{56}Sc / ^{57}Sc / ^{57}Ti / ^{58}Ti / ^{59}Ti / ^{60}V, E=140 MeV / nucleon; measured reaction yields. JOUR PRVCA 77 014313
^{60}Cr	2008AO01	NUCLEAR REACTIONS ^{1}H(^{58}Ti, ^{58}Ti'), (^{60}Cr, ^{60}Cr'), (^{62}Cr, ^{62}Cr'), E≈40 MeV / nucleon; measured Eγ, Iγ, γγ-coin. ^{58}Ti, ^{60,62}Cr deduced levels, J, π, deformation lengths. Inverse kinematics. JOUR NUPAB 805 400c
^{60}Mn	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008VA08	NUCLEAR REACTIONS ^{238}U(^{70}Zn, X)^{58}Mn / ^{59}Mn / ^{60}Mn / ^{61}Mn / ^{62}Mn / ^{63}Mn, E=460 MeV; measured Eγ, Iγ, (particle)γ-, γγ-coin. ^{59,60,61,62,63}Mn; deduced levels, J, π. Comparison with large scale shell model calculations. JOUR PRVCA 78 024302

A=60 *(continued)*

^{60}Fe	2007DE56	NUCLEAR REACTIONS ^{13,14}C(^{48}Ca, 2n), E=2.75 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma(\theta)$, symmetry parameters. ^{59,60}Fe; deduced angular momenta, levels, J, π; calculated potential energy surfaces. Shell model calculations. JOUR PRVCA 76 054303
	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008HO05	NUCLEAR REACTIONS ^{238}U(^{64}Ni, X), E=430 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{61}Fe; deduced levels, J, π. ^{59}Fe; measured Eγ, Iγ. ^{56,57,58,59,60}Fe; systematics. Comparisons with shell model and particle-triaxial rotor model. JOUR PRVCA 77 044314
^{60}Co	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008HE01	NUCLEAR REACTIONS ^{58}Fe, ^{59}Co, ^{64}Ni, ^{63,65}Cu(n, γ), E=25 keV; measured neutron capture cross sections, Eγ; ^{59}Fe, ^{60}Co, ^{65}Ni, ^{64,66}Cu, ^{198}Au; deduced nucleosynthesis yields in stars. JOUR PRVCA 77 015808
	2008PO05	RADIOACTIVITY ^{60}Co, ^{137}Cs(β^-); measured Eγ, Iγ, $\gamma\gamma$-coin. Effect of shielding, (anti-)coincidence techniques and depth on detector background discussed. JOUR JRNCD 276 771
	2008SY01	RADIOACTIVITY ^{60}Co, ^{137}Cs(β^-), ^{40}K(β^+); measured Eγ, Iγ, $\gamma\gamma$-coin. Effect of shielding and (anti-)coincidence techniques on detector background discussed. JOUR JRNCD 276 779

A=60 *(continued)*

^{60}Ni	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008OR02	NUCLEAR REACTIONS ^{58,60}Ni(n, n'γ)E=1.6, 1.8 MeV; measured Eγ, Iγ, half-life of 2^+ states. ^{58}Ni, ^{60}Ni; deduced B(E2) values. Doppler shift attenuation method. ^{56,62,64,66,68}Ni; calculated lifetimes, B(E2). JOUR PRVCA 77 064301
	2008PO05	RADIOACTIVITY ^{60}Co, ^{137}Cs(β^-); measured Eγ, Iγ, $\gamma\gamma$-coin. Effect of shielding, (anti-)coincidence techniques and depth on detector background discussed. JOUR JRNCD 276 771
	2008SY01	RADIOACTIVITY ^{60}Co, ^{137}Cs(β^-), ^{40}K(β^+); measured Eγ, Iγ, $\gamma\gamma$-coin. Effect of shielding and (anti-)coincidence techniques on detector background discussed. JOUR JRNCD 276 779
	2008VOZY	NUCLEAR REACTIONS ^{27}Al, ^{59}Co, ^{65}Cu(d, n), E=7.5 MeV; measured neutron time of flight; deduced level densities. ^{59}Co(p, γ), E=1.9 MeV; measured Eγ, Iγ; ^{57}Fe(^{3}He, ^{3}He'), E=10 MeV; measured charged particle energies and angular distributions; deduced γ strength functions. CONF Yosemite(CNR 2007) Proc.P61,Voinov
^{60}Cu	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008ST12	NUCLEAR MOMENTS ^{58,59}Cu; measured magnetic moments, isotope shifts. In-source laser spectrometry. Comparison with theoretical data. ^{57,60,61,62,63,64,65,66,67,68,69}Cu; comparison between theory and experiments. JOUR PRVCA 77 067302

A=60 *(continued)*

	2008YA21	NUCLEAR REACTIONS ^{58}Ni(α, p), (α, np); ^{60}Ni(α, 2np), (α, n), (α, 2n); ^{61}Ni(α, 3n), (α, n), E=8-40 MeV; measured σ. Comparisons with predictions of theoretical code ALICE-91. JOUR PRVCA 78 044606
^{60}Zn	2008KIZZ	NUCLEAR REACTIONS ^{12}C(^{20}Ne, X)^{32}S, ^{12}C(^{24}Mg, X)^{36}Ar, ^{24}Mg(^{20}Ne, X)^{44}Ti, ^{24}Mg(^{36}Ar, X)^{60}Zn, E* $\approx$50 MeV; measured Eγ, Iγ, cross sections; deduced GDR Strength functions, isospin mixing probability. CONF Crete(FINUSTAR 2),Proc.P371,Kicinska-Habior
	2008VO12	NUCLEAR REACTIONS ^{24}Mg(^{36}Ar, X)^{60}Zn, E=195 MeV; measured fission fragments distributions, $\sigma(\theta)$; deduced evidence for ternary cluster decay process from strongly dependent high-spin states. JOUR PRVCA 78 044615

A=61

^{61}Mn	2008VA08	NUCLEAR REACTIONS ^{238}U(^{70}Zn, X)^{58}Mn / ^{59}Mn / ^{60}Mn / ^{61}Mn / ^{62}Mn / ^{63}Mn, E=460 MeV; measured Eγ, Iγ, (particle)γ-, $\gamma\gamma$-coin. ^{59,60,61,62,63}Mn; deduced levels, J, π. Comparison with large scale shell model calculations. JOUR PRVCA 78 024302
^{61}Fe	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008FA06	NUCLEAR REACTIONS ^{51}V(n, p), E=14.1, 14.6 MeV; ^{64}Ni(n, α), E=13.5, 14.6 MeV; ^{165}Ho(n, α), (n, 2n), E=14.1, 14.6 MeV; ^{180}W(n, 2n), E=13.5, 14.1 MeV; ^{186}W(n, 2n), E=14.1 MeV; measured σ using activation technique. Comparison with other data. JOUR ARISE 66 1104
	2008HO05	NUCLEAR REACTIONS ^{238}U(^{64}Ni, X), E=430 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{61}Fe; deduced levels, J, π. ^{59}Fe; measured Eγ, Iγ. ^{56,57,58,59,60}Fe; systematics. Comparisons with shell model and particle-triaxial rotor model. JOUR PRVCA 77 044314

A=61 *(continued)*

^{61}Co	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008FU08	NUCLEAR REACTIONS ^{27}Al, ^{28}Si, ^{29}Si, ^{41}K, ^{51}V, ^{61}Ni, ^{65}Cu, ^{64,67}Zn, ^{69}Ga, ^{79}Br, ^{92}Mo(n, p), E=3.5-5.9 MeV; ^{69}Ga, ^{93}Nb(n, α), E=3.5-5.9 MeV; measured Eγ, Iγ, cross sections using the activation technique. JOUR ANEND 35 1652
^{61}Ni	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008ZH15	NUCLEAR REACTIONS ^{64}Zn(n, α), E=2.54, 4.00, 5.50 MeV; measured Eα, Iα, $\sigma(\theta)$. JOUR NSENA 160 123
^{61}Cu	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609

A=61 *(continued)*

	2008AG06	NUCLEAR REACTIONS ^{59}Co(^{12}C, 3np), (^{12}C, 2n2p), (^{12}C, nα), (^{12}C, 2nα), (^{12}C, 3npα), (^{12}C, 2n2α), E=60, 65, 70, 75, 80 MeV; measured Eγ, Iγ, excitation functions, cross sections, forward recoil range distributions of evaporation residues. Comparisons with calculations using ALICE-91 and CASCADE codes. JOUR IMPEE 17 393
	2008AN06	NUCLEAR REACTIONS ^{28}Si(^{36}Ar, 3p), E=142, 143, 148 MeV; measured Eγ, Iγ, En, In, charged-particle spectra, (proton)γ-, $\gamma\gamma$-coin. ^{61}Cu deduced energy levels, J, π, band structure, configurations, transition intensities and multipolarities using directional correlations of oriented states analysis. Comparison with shell model and cranked Nilsson-Strutinsky calculations. Gammasphere and Microball arrays. Enriched target. JOUR ZAANE 36 251
	2008DA01	NUCLEAR REACTIONS ^{64}Zn(d, 2p)^{64}Cu, E=11.9-18.2 MeV; ^{64}Zn(d, nα)^{61}Cu, E=12.9-18.4 MeV; measured Eγ, Iγ from residual nuclei; deduced excitation functions, cross sections. Compared results to of theoretical cross sections. JOUR ARISE 66 261
	2008ST12	NUCLEAR MOMENTS ^{58,59}Cu; measured magnetic moments, isotope shifts. In-source laser spectrometry. Comparison with theoretical data. ^{57,60,61,62,63,64,65,66,67,68,69}Cu; comparison between theory and experiments. JOUR PRVCA 77 067302
	2008YA21	NUCLEAR REACTIONS ^{58}Ni(α, p), (α, np); ^{60}Ni(α, 2np), (α, n), (α, 2n); ^{61}Ni(α, 3n), (α, n), E=8-40 MeV; measured σ. Comparisons with predictions of theoretical code ALICE-91. JOUR PRVCA 78 044606

A=62

^{62}Cr	2008AO01	NUCLEAR REACTIONS ^{1}H(^{58}Ti, ^{58}Ti'), (^{60}Cr, ^{60}Cr'), (^{62}Cr, ^{62}Cr'), E$\approx$40 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{58}Ti, ^{60,62}Cr deduced levels, J, π, deformation lengths. Inverse kinematics. JOUR NUPAB 805 400c
^{62}Mn	2008VA08	NUCLEAR REACTIONS ^{238}U(^{70}Zn, X)^{58}Mn / ^{59}Mn / ^{60}Mn / ^{61}Mn / ^{62}Mn / ^{63}Mn, E=460 MeV; measured Eγ, Iγ, (particle)γ-, $\gamma\gamma$-coin. ^{59,60,61,62,63}Mn; deduced levels, J, π. Comparison with large scale shell model calculations. JOUR PRVCA 78 024302

A=62 *(continued)*

^{62}Fe	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
^{62}Co	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
^{62}Ni	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008OR02	NUCLEAR REACTIONS ^{58,60}Ni(n, n'γ)E=1.6, 1.8 MeV; measured Eγ, Iγ, half-life of 2^+ states. ^{58}Ni, ^{60}Ni; deduced B(E2) values. Doppler shift attenuation method. ^{56,62,64,66,68}Ni; calculated lifetimes, B(E2). JOUR PRVCA 77 064301

A=62 *(continued)*

^{62}Cu	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008ST12	NUCLEAR MOMENTS ^{58,59}Cu; measured magnetic moments, isotope shifts. In-source laser spectrometry. Comparison with theoretical data. ^{57,60,61,62,63,64,65,66,67,68,69}Cu; comparison between theory and experiments. JOUR PRVCA 77 067302
^{62}Zn	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008BE21	RADIOACTIVITY ^{62}Ga(β^+) [from ^{64}Zn(p, X), E=48 MeV]; measured Eγ, Iγ, Eβ, Iβ, $\gamma\gamma$-, $\beta\gamma$-coin; deduced absolute γ-ray transition probabilities and β-decay branching ratio. JOUR ZAANE 36 121
	2008FI07	RADIOACTIVITY ^{62}Ga(β^+); measured Eγ, Iγ, Eβ, $\beta\gamma$-coin, branching ratios; deduced ft values. ^{62}Zn; deduced levels, J, π. ^{10}C, ^{14}O, ^{22}Mg, ^{26m}Al, ^{34}Ca, ^{34}Ar, ^{38m}K, ^{42}Sc, ^{46}V, ^{50}Mn, ^{54}Co, ^{62}Ga, ^{74}Rb; systematics of superallowed β decays and ft values. JOUR PRVCA 78 025502
	2008GR03	RADIOACTIVITY ^{62}Ga(β^+) [from Zr(p, γ), E=500 MeV]; measured Eγ, β^+ particles; deduced half-life. JOUR PRVCA 77 015501
	2008YA21	NUCLEAR REACTIONS ^{58}Ni(α, p), (α, np); ^{60}Ni(α, 2np), (α, n), (α, 2n); ^{61}Ni(α, 3n), (α, n), E=8-40 MeV; measured σ. Comparisons with predictions of theoretical code ALICE-91. JOUR PRVCA 78 044606

A=62 *(continued)*

^{62}Ga	2006JO14	ATOMIC MASSES ^{96,97,98,99,100,101,102,103,104,105,106}Zr, ^{98,99,100,101,102,103,104,105,106}Nb, ^{99,100,101,102,103,104,105,106,107,108,109,110}Mo; reviewed cooling and trapping techniques, high-precision measurements of the ground state properties of exotic nuclei. Penning trap (JYFLTRAP at IGISOL facility) method and collinear laser spectroscopy. ^{117}Pd; measured conversion electrons from isomer decay. ^{22}Mg, ^{34}Ar, ^{46}V, ^{62}Ga, ^{74}Rb; reviewed superallowed β decay Ft values. ^{92}Br; measured time of flight spectrum.^{102}Nb; measured γ rays following β^- decay. JOUR IMSPF 251 204
	2008BE21	RADIOACTIVITY ^{62}Ga(β^+) [from ^{64}Zn(p, X), E=48 MeV]; measured Eγ, Iγ, Eβ, Iβ, $\gamma\gamma$-, $\beta\gamma$-coin; deduced absolute γ-ray transition probabilities and β-decay branching ratio. JOUR ZAANE 36 121
	2008FI07	RADIOACTIVITY ^{62}Ga(β^+); measured Eγ, Iγ, Eβ, $\beta\gamma$-coin, branching ratios; deduced ft values. ^{62}Zn; deduced levels, J, π. ^{10}C, ^{14}O, ^{22}Mg, ^{26m}Al, ^{34}Ca, ^{34}Ar, ^{38m}K, ^{42}Sc, ^{46}V, ^{50}Mn, ^{54}Co, ^{62}Ga, ^{74}Rb; systematics of superallowed β decays and ft values. JOUR PRVCA 78 025502
	2008GR03	RADIOACTIVITY ^{62}Ga(β^+) [from Zr(p, γ), E=500 MeV]; measured Eγ, β^+ particles; deduced half-life. JOUR PRVCA 77 015501
	2008HAZZ	RADIOACTIVITY ^{10}C, ^{14}O, ^{22}Mg, ^{26m}Al, ^{34}Cl, ^{34}Ar, ^{38m}K, ^{42}Sc, ^{46}V, ^{50}Mn, ^{54}Co, ^{62}Ga, ^{74}Rb; analyzed superallowed β-decay data. ^{34}Ar(β^+), (EC) [from ^{1}H(^{35}Cl, 2n), E=35 MeV / nucleon]; measured Eγ, Iγ, Eβ, $\beta\gamma$ coin; deduced β^++EC branches for superallowed β decay. CONF Sinaia(Exotic Nuclei and Nucl.Part.Astorphysics(II)) Proc.P119,Ha

A=63

^{63}Mn	2008VA08	NUCLEAR REACTIONS ^{238}U(^{70}Zn, X)^{58}Mn / ^{59}Mn / ^{60}Mn / ^{61}Mn / ^{62}Mn / ^{63}Mn, E=460 MeV; measured Eγ, Iγ, (particle)γ-, $\gamma\gamma$-coin. ^{59,60,61,62,63}Mn; deduced levels, J, π. Comparison with large scale shell model calculations. JOUR PRVCA 78 024302
^{63}Fe	2008AD04	NUCLEAR REACTIONS ^{9}Be(^{67}Co, ^{66}Fe)X, E=84.3 MeV / nucleon; ^{9}Be(^{68}Ni, ^{66}Fe)X, E=74.7 MeV / nucleon; ^{9}Be(^{69}Co, ^{68}Fe)X, E=77.8 MeV / nucleon; ^{9}Be(^{66}Fe, ^{64}Cr)X, E=73.5 MeV / nucleon; measured Eγ, Iγ, σ. ^{66,68}Fe, ^{64}Cr; deduced levels, J, π. ^{9}Be(^{76}Ge, X)^{63}Fe / ^{64}Fe / ^{65}Fe / ^{66}Fe / ^{68}Ni / ^{69}Cu, E=130 MeV / nucleon;measured yields. JOUR PRVCA 77 054306
	2008BL05	ATOMIC MASSES ^{63,64,65}Fe, ^{64,65,66}Co; measured and evaluated masses using Penning trap mass spectrometer, isotopes produced by projectile fragmentation with LEBIT at NSCL. ^{65m}Fe; deduced level energy, $T_{1/2}$ for isomeric state. JOUR PRLTA 100 132501

A=63 *(continued)*

^{63}Co	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
^{63}Ni	2007CL04	NUCLEAR REACTIONS ^{2}H, ^{12}C, ^{27}Al, ^{63}Cu, ^{197}Au(e, e'π^+), E=4.021-5.767 GeV; measured electron and pion energies. Deduced nuclear transparency. JOUR PRLTA 99 242502
	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008AL03	NUCLEAR REACTIONS ^{62}Ni(n, γ), E=35 eV-500 keV; measured neutron capture cross sections, Eγ. JOUR PRVCA 77 015806
	2008TA23	NUCLEAR REACTIONS ^{63}Cu(n, p), E< 14.9 MeV; measured $E\beta$, Iβ, σ(E);radiochemical separation; liquid scintillation counting; comparison with JENDL-3.3, ENDF / B-VI and FENDL / A-2.0. JOUR ARISE 66 1321

A=63 *(continued)*

^{63}Cu	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008ST12	NUCLEAR MOMENTS ^{58,59}Cu; measured magnetic moments, isotope shifts. In-source laser spectrometry. Comparison with theoretical data. ^{57,60,61,62,63,64,65,66,67,68,69}Cu; comparison between theory and experiments. JOUR PRVCA 77 067302
^{63}Zn	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008AG06	NUCLEAR REACTIONS ^{59}Co(^{12}C, 3np), (^{12}C, 2n2p), (^{12}C, nα), (^{12}C, 2nα), (^{12}C, 3npα), (^{12}C, 2n2α), E=60, 65, 70, 75, 80 MeV; measured Eγ, Iγ, excitation functions, cross sections, forward recoil range distributions of evaporation residues. Comparisons with calculations using ALICE-91 and CASCADE codes. JOUR IMPEE 17 393
	2008YA21	NUCLEAR REACTIONS ^{58}Ni(α, p), (α, np); ^{60}Ni(α, 2np), (α, n), (α, 2n); ^{61}Ni(α, 3n), (α, n), E=8-40 MeV; measured σ. Comparisons with predictions of theoretical code ALICE-91. JOUR PRVCA 78 044606
^{63}Ga	2008YA08	NUCLEAR REACTIONS C(^{72}Kr, X), (^{76}Kr, X), (^{80}Kr, X), E=1.05 GeV / nucleon; measured interaction cross sections, effective matter radii. ^{63,64,65,66,67,68}Ga, ^{65,66,67,68,69,70}Ge, ^{67,68,69,70,71,72}As, ^{69,70,71,72,73}Se, ^{72,73,74,75}Br, ^{73,74,75,77,78,79,81,82,83,84,85,86,87,88,89,90}Kr; systematics. Comparison with Skyrme-Hartree-Fock-Bogoliubov calculations. JOUR PRVCA 77 034315

A=64

^{64}Cr	2008AD04	NUCLEAR REACTIONS ^{9}Be(^{67}Co, ^{66}Fe)X, E=84.3 MeV / nucleon; ^{9}Be(^{68}Ni, ^{66}Fe)X, E=74.7 MeV / nucleon; ^{9}Be(^{69}Co, ^{68}Fe)X, E=77.8 MeV / nucleon; ^{9}Be(^{66}Fe, ^{64}Cr)X, E=73.5 MeV / nucleon; measured Eγ, Iγ, σ. ^{66,68}Fe, ^{64}Cr; deduced levels, J, π. ^{9}Be(^{76}Ge, X)^{63}Fe / ^{64}Fe / ^{65}Fe / ^{66}Fe / ^{68}Ni / ^{69}Cu, E=130 MeV / nucleon;measured yields. JOUR PRVCA 77 054306
^{64}Fe	2008AD04	NUCLEAR REACTIONS ^{9}Be(^{67}Co, ^{66}Fe)X, E=84.3 MeV / nucleon; ^{9}Be(^{68}Ni, ^{66}Fe)X, E=74.7 MeV / nucleon; ^{9}Be(^{69}Co, ^{68}Fe)X, E=77.8 MeV / nucleon; ^{9}Be(^{66}Fe, ^{64}Cr)X, E=73.5 MeV / nucleon; measured Eγ, Iγ, σ. ^{66,68}Fe, ^{64}Cr; deduced levels, J, π. ^{9}Be(^{76}Ge, X)^{63}Fe / ^{64}Fe / ^{65}Fe / ^{66}Fe / ^{68}Ni / ^{69}Cu, E=130 MeV / nucleon;measured yields. JOUR PRVCA 77 054306
	2008BL05	ATOMIC MASSES ^{63,64,65}Fe, ^{64,65,66}Co; measured and evaluated masses using Penning trap mass spectrometer, isotopes produced by projectile fragmentation with LEBIT at NSCL. ^{65m}Fe; deduced level energy, $T_{1/2}$ for isomeric state. JOUR PRLTA 100 132501
^{64}Co	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008BL05	ATOMIC MASSES ^{63,64,65}Fe, ^{64,65,66}Co; measured and evaluated masses using Penning trap mass spectrometer, isotopes produced by projectile fragmentation with LEBIT at NSCL. ^{65m}Fe; deduced level energy, $T_{1/2}$ for isomeric state. JOUR PRLTA 100 132501
^{64}Ni	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609

A=64 *(continued)*

	2008BE02	RADIOACTIVITY ^{64}Zn(2EC), (β^+EC); measured $T_{1/2}$ lower limits for various 2β-decay modes. JOUR PYLBB 658 193
	2008BI04	NUCLEAR REACTIONS ^{64}Ni(^{6}Li, ^{6}Li), E=1326 MeV; measured $\sigma(\theta)$; ^{58}Ni(^{6}Li, ^{6}Li), E=1220 MeV; analyzed $\sigma(\theta)$. Double folding optical model, threshold behaviour. JOUR NUPAB 802 67
	2008OR02	NUCLEAR REACTIONS ^{58,60}Ni(n, n'γ)E=1.6, 1.8 MeV; measured Eγ, Iγ, half-life of 2^+ states. ^{58}Ni, ^{60}Ni; deduced B(E2) values. Doppler shift attenuation method. ^{56,62,64,66,68}Ni; calculated lifetimes, B(E2). JOUR PRVCA 77 064301
^{64}Cu	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008DA01	NUCLEAR REACTIONS ^{64}Zn(d, 2p)^{64}Cu, E=11.9-18.2 MeV; ^{64}Zn(d, nα)^{61}Cu, E=12.9-18.4 MeV; measured Eγ, Iγ from residual nuclei; deduced excitation functions, cross sections. Compared results to of theoretical cross sections. JOUR ARISE 66 261
	2008FU08	NUCLEAR REACTIONS ^{27}Al, ^{28}Si, ^{29}Si, ^{41}K, ^{51}V, ^{61}Ni, ^{65}Cu, ^{64,67}Zn, ^{69}Ga, ^{79}Br, ^{92}Mo(n, p), E=3.5-5.9 MeV; ^{69}Ga, ^{93}Nb(n, α), E=3.5-5.9 MeV; measured Eγ, Iγ, cross sections using the activation technique. JOUR ANEND 35 1652
	2008GR10	NUCLEAR REACTIONS ^{64}Zn(d, ^{2}He), E=183 MeV; measured charged particle energies, angular distributions, $\sigma(\theta)$. ^{64}Cu; deduced levels, J, π, Gamow-Teller strengths. ^{64}Ni(^{3}He, t); analyzed Gamow-Teller strength distribution. Comparison with shell model calculations. JOUR PRVCA 77 064303
	2008HE01	NUCLEAR REACTIONS ^{58}Fe, ^{59}Co, ^{64}Ni, ^{63,65}Cu(n, γ), E=25 keV; measured neutron capture cross sections, Eγ; ^{59}Fe, ^{60}Co, ^{65}Ni, ^{64,66}Cu, ^{198}Au; deduced nucleosynthesis yields in stars. JOUR PRVCA 77 015808
	2008JO06	NUCLEAR REACTIONS ^{27}Al, ^{28}Si, ^{29}Si, ^{46,47}Ti, ^{54}Fe, ^{58}Ni, ^{64}Zn(n, p), ^{27}Al, ^{30}Si(n, α), ^{197}Au(n, γ), E= reactor; measured Eγ, Iγ, fast neutron spectrum averaged σ; comparator method. JOUR ARISE 66 1377

A=64 *(continued)*

	2008RU04	NUCLEAR REACTIONS ^{98,100}Mo(γ, γ'), E<15 MeV; measured Eγ, Iγ, photoabsorption σ, giant resonances, angular distributions, distribution of mean branching ratios, dipole strength functions; deduced multipolarities. ^{27}Al, ^{28}Si, ^{56}Fe, ^{63}Cu, ^{70,72,73,74}Ge(n, γ), E=thermal; measured Eγ, Iγ. ^{99,101}Mo(γ, n); analyzed cross sections. ^{97}Mo(n, γ), ^{98}Mo(^{3}He, ^{3}He'γ); comparisons. JOUR PRVCA 77 064321
	2008SA20	NUCLEAR REACTIONS Ni(p, n)^{64}Cu, E=15, 16 MeV; measured Eγ, Iγ using chemical separation. ^{64}Cu; deduced yield. JOUR RAACA 96 399
	2008ST12	NUCLEAR MOMENTS ^{58,59}Cu; measured magnetic moments, isotope shifts. In-source laser spectrometry. Comparison with theoretical data. ^{57,60,61,62,63,64,65,66,67,68,69}Cu; comparison between theory and experiments. JOUR PRVCA 77 067302
^{64}Zn	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008BE02	RADIOACTIVITY ^{64}Zn(2EC), (β^+EC); measured $T_{1/2}$ lower limits for various 2β-decay modes. JOUR PYLBB 658 193
	2008GO23	ATOMIC MASSES ^{64}Ga, ^{64}Zn, ^{68}Se, ^{68}As, ^{68}Ge, ^{72}Se, ^{76}Rb, ^{76}Kr, ^{80}Sr, ^{80}Y; measured atomic masses using a time-of-flight technique. ^{68}Se; deduced Q value for proton capture. JOUR PRVCA 78 014311
	2008HUZX	NUCLEAR REACTIONS ^{64}Zn(^{18}O, ^{18}O'), E≈24-36 MeV; measured quasielastic excitation function; deduced barrier distributions; compared results to model calculations. CONF Crete(FINUSTAR 2),Proc.P362,Huiza
	2008HUZY	NUCLEAR REACTIONS ^{64}Zn(^{16}O, ^{16}O'), E(cm)≈24-36 MeV; measured quasielastic excitation function; deduced barrier distribution; ^{64}Zn(^{16}O, ^{16}O), E(cm)≈24-36 MeV; measured elastic scattering $\sigma(\theta)$; ^{64}Zn(^{16}O, γ), E(cm)≈30-55 MeV; measured σ; compared results to coupled channel calculations. CONF Crete(FINUSTAR 2),Proc.P203,Huiza
	2008YA21	NUCLEAR REACTIONS ^{58}Ni(α, p), (α, np); ^{60}Ni(α, 2np), (α, n), (α, 2n); ^{61}Ni(α, 3n), (α, n), E=8-40 MeV; measured σ. Comparisons with predictions of theoretical code ALICE-91. JOUR PRVCA 78 044606
^{64}Ga	2008GO23	ATOMIC MASSES ^{64}Ga, ^{64}Zn, ^{68}Se, ^{68}As, ^{68}Ge, ^{72}Se, ^{76}Rb, ^{76}Kr, ^{80}Sr, ^{80}Y; measured atomic masses using a time-of-flight technique. ^{68}Se; deduced Q value for proton capture. JOUR PRVCA 78 014311

A=64 *(continued)*

2008YA08 NUCLEAR REACTIONS C(^{72}Kr, X), (^{76}Kr, X), (^{80}Kr, X), E=1.05 GeV / nucleon; measured interaction cross sections, effective matter radii. ^{63,64,65,66,67,68}Ga, ^{65,66,67,68,69,70}Ge, ^{67,68,69,70,71,72}As, ^{69,70,71,72,73}Se, ^{72,73,74,75}Br, ^{73,74,75,77,78,79,81,82,83,84,85,86,87,88,89,90}Kr; systematics. Comparison with Skyrme-Hartree-Fock-Bogoliubov calculations. JOUR PRVCA 77 034315

A=65

^{65}Fe

2008AD04 NUCLEAR REACTIONS ^{9}Be(^{67}Co, ^{66}Fe)X, E=84.3 MeV / nucleon; ^{9}Be(^{68}Ni, ^{66}Fe)X, E=74.7 MeV / nucleon; ^{9}Be(^{69}Co, ^{68}Fe)X, E=77.8 MeV / nucleon; ^{9}Be(^{66}Fe, ^{64}Cr)X, E=73.5 MeV / nucleon; measured Eγ, Iγ, σ. ^{66,68}Fe, ^{64}Cr; deduced levels, J, π. ^{9}Be(^{76}Ge, X)^{63}Fe / ^{64}Fe / ^{65}Fe / ^{66}Fe / ^{68}Ni / ^{69}Cu, E=130 MeV / nucleon;measured yields. JOUR PRVCA 77 054306

2008BL05 ATOMIC MASSES ^{63,64,65}Fe, ^{64,65,66}Co; measured and evaluated masses using Penning trap mass spectrometer, isotopes produced by projectile fragmentation with LEBIT at NSCL. ^{65m}Fe; deduced level energy, $T_{1/2}$ for isomeric state. JOUR PRLTA 100 132501

^{65}Co

2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609

2008BL05 ATOMIC MASSES ^{63,64,65}Fe, ^{64,65,66}Co; measured and evaluated masses using Penning trap mass spectrometer, isotopes produced by projectile fragmentation with LEBIT at NSCL. ^{65m}Fe; deduced level energy, $T_{1/2}$ for isomeric state. JOUR PRLTA 100 132501

A=65 ***(continued)***

^{65}Ni	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008FU08	NUCLEAR REACTIONS ^{27}Al, ^{28}Si, ^{29}Si, ^{41}K, ^{51}V, ^{61}Ni, ^{65}Cu, ^{64,67}Zn, ^{69}Ga, ^{79}Br, ^{92}Mo(n, p), E=3.5-5.9 MeV; ^{69}Ga, ^{93}Nb(n, α), E=3.5-5.9 MeV; measured Eγ, Iγ, cross sections using the activation technique. JOUR ANEND 35 1652
	2008HE01	NUCLEAR REACTIONS ^{58}Fe, ^{59}Co, ^{64}Ni, ^{63,65}Cu(n, γ), E=25 keV; measured neutron capture cross sections, Eγ; ^{59}Fe, ^{60}Co, ^{65}Ni, ^{64,66}Cu, ^{198}Au; deduced nucleosynthesis yields in stars. JOUR PRVCA 77 015808
^{65}Cu	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008ST12	NUCLEAR MOMENTS ^{58,59}Cu; measured magnetic moments, isotope shifts. In-source laser spectrometry. Comparison with theoretical data. ^{57,60,61,62,63,64,65,66,67,68,69}Cu; comparison between theory and experiments. JOUR PRVCA 77 067302

A=65 *(continued)*

^{65}Zn	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
^{65}Ga	2008AG06	NUCLEAR REACTIONS ^{59}Co(^{12}C, 3np), (^{12}C, 2n2p), (^{12}C, nα), (^{12}C, 2nα), (^{12}C, 3npα), (^{12}C, 2n2α), E=60, 65, 70, 75, 80 MeV; measured Eγ, Iγ, excitation functions, cross sections, forward recoil range distributions of evaporation residues. Comparisons with calculations using ALICE-91 and CASCADE codes. JOUR IMPEE 17 393
	2008FA03	NUCLEAR REACTIONS ^{46}Ti, ^{64}Zn, ^{114,116}Sn(p, γ), E(cm)=13.7 MeV; measured Eγ, Iγ following residual decay, σ; deduced astrophysical S-factors, reaction rates. Activation technique. JOUR NUPAB 802 26
	2008SK03	NUCLEAR REACTIONS ^{64,66}Zn(p, γ), E=1.0-2.8 MeV; measured Eγ, Iγ, excitation functions; deduced S-factors. Compared results to model calculations. JOUR BRSPE 72 376
	2008YA08	NUCLEAR REACTIONS C(^{72}Kr, X), (^{76}Kr, X), (^{80}Kr, X), E=1.05 GeV / nucleon; measured interaction cross sections, effective matter radii. ^{63,64,65,66,67,68}Ga, ^{65,66,67,68,69,70}Ge, ^{67,68,69,70,71,72}As, ^{69,70,71,72,73}Se, ^{72,73,74,75}Br, ^{73,74,75,77,78,79,81,82,83,84,85,86,87,88,89,90}Kr; systematics. Comparison with Skyrme-Hartree-Fock-Bogoliubov calculations. JOUR PRVCA 77 034315
^{65}Ge	2008YA08	NUCLEAR REACTIONS C(^{72}Kr, X), (^{76}Kr, X), (^{80}Kr, X), E=1.05 GeV / nucleon; measured interaction cross sections, effective matter radii. ^{63,64,65,66,67,68}Ga, ^{65,66,67,68,69,70}Ge, ^{67,68,69,70,71,72}As, ^{69,70,71,72,73}Se, ^{72,73,74,75}Br, ^{73,74,75,77,78,79,81,82,83,84,85,86,87,88,89,90}Kr; systematics. Comparison with Skyrme-Hartree-Fock-Bogoliubov calculations. JOUR PRVCA 77 034315

A=66

^{66}Fe	2008AD04	NUCLEAR REACTIONS ^{9}Be(^{67}Co, ^{66}Fe)X, E=84.3 MeV / nucleon; ^{9}Be(^{68}Ni, ^{66}Fe)X, E=74.7 MeV / nucleon; ^{9}Be(^{69}Co, ^{68}Fe)X, E=77.8 MeV / nucleon; ^{9}Be(^{66}Fe, ^{64}Cr)X, E=73.5 MeV / nucleon; measured Eγ, Iγ, σ. ^{66,68}Fe, ^{64}Cr; deduced levels, J, π. ^{9}Be(^{76}Ge, X)^{63}Fe / ^{64}Fe / ^{65}Fe / ^{66}Fe / ^{68}Ni / ^{69}Cu, E=130 MeV / nucleon;measured yields. JOUR PRVCA 77 054306

A=66 *(continued)*

^{66}Co	2008BL05	ATOMIC MASSES ^{63,64,65}Fe, ^{64,65,66}Co; measured and evaluated masses using Penning trap mass spectrometer, isotopes produced by projectile fragmentation with LEBIT at NSCL. ^{65m}Fe; deduced level energy, $T_{1/2}$ for isomeric state. JOUR PRLTA 100 132501
^{66}Ni	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008OR02	NUCLEAR REACTIONS ^{58,60}Ni(n, n'γ)E=1.6, 1.8 MeV; measured Eγ, Iγ, half-life of 2^+ states. ^{58}Ni, ^{60}Ni; deduced B(E2) values. Doppler shift attenuation method. ^{56,62,64,66,68}Ni; calculated lifetimes, B(E2). JOUR PRVCA 77 064301
^{66}Cu	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008CH18	NUCLEAR REACTIONS ^{65}Cu(^{6}He, ^{5}He), (^{6}He, α), E=22.6 MeV; measured Eα, Iα, Eγ, Iγ, n$\alpha\gamma$-coin, 1n, 2n transfer $\sigma(\theta)$. Coupled channel analysis. JOUR PRLTA 101 032701
	2008FU08	NUCLEAR REACTIONS ^{27}Al, ^{28}Si, ^{29}Si, ^{41}K, ^{51}V, ^{61}Ni, ^{65}Cu, ^{64,67}Zn, ^{69}Ga, ^{79}Br, ^{92}Mo(n, p), E=3.5-5.9 MeV; ^{69}Ga, ^{93}Nb(n, α), E=3.5-5.9 MeV; measured Eγ, Iγ, cross sections using the activation technique. JOUR ANEND 35 1652
	2008HE01	NUCLEAR REACTIONS ^{58}Fe, ^{59}Co, ^{64}Ni, ^{63,65}Cu(n, γ), E=25 keV; measured neutron capture cross sections, Eγ; ^{59}Fe, ^{60}Co, ^{65}Ni, ^{64,66}Cu, ^{198}Au; deduced nucleosynthesis yields in stars. JOUR PRVCA 77 015808

A=66 *(continued)*

	2008ST12	NUCLEAR MOMENTS ^{58,59}Cu; measured magnetic moments, isotope shifts. In-source laser spectrometry. Comparison with theoretical data. ^{57,60,61,62,63,64,65,66,67,68,69}Cu; comparison between theory and experiments. JOUR PRVCA 77 067302
^{66}Zn	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008VOZY	NUCLEAR REACTIONS ^{27}Al, ^{59}Co, ^{65}Cu(d, n), E=7.5 MeV; measured neutron time of flight; deduced level densities. ^{59}Co(p, γ), E=1.9 MeV; measured Eγ, Iγ; ^{57}Fe(^{3}He, ^{3}He'), E=10 MeV; measured charged particle energies and angular distributions; deduced γ strength functions. CONF Yosemite(CNR 2007) Proc.P61,Voinov
^{66}Ga	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008AG06	NUCLEAR REACTIONS ^{59}Co(^{12}C, 3np), (^{12}C, 2n2p), (^{12}C, nα), (^{12}C, 2nα), (^{12}C, 3npα), (^{12}C, 2n2α), E=60, 65, 70, 75, 80 MeV; measured Eγ, Iγ, excitation functions, cross sections, forward recoil range distributions of evaporation residues. Comparisons with calculations using ALICE-91 and CASCADE codes. JOUR IMPEE 17 393
	2008YA08	NUCLEAR REACTIONS C(^{72}Kr, X), (^{76}Kr, X), (^{80}Kr, X), E=1.05 GeV / nucleon; measured interaction cross sections, effective matter radii. ^{63,64,65,66,67,68}Ga, ^{65,66,67,68,69,70}Ge, ^{67,68,69,70,71,72}As, ^{69,70,71,72,73}Se, ^{72,73,74,75}Br, ^{73,74,75,77,78,79,81,82,83,84,85,86,87,88,89,90}Kr; systematics. Comparison with Skyrme-Hartree-Fock-Bogoliubov calculations. JOUR PRVCA 77 034315

A=66 *(continued)*

^{66}Ge	2008SI09	NUCLEAR REACTIONS ^{169}Tm(^{16}O, X), E=5.9 MeV / nucleon; measured Eγ, Iγ. ^{107}In;^{66}Ge;^{88}Nb;^{95}Y;^{83}Se;^{99m}Tc;^{109}Sn;^{101}Tc;^{79}As;^{105}In;^{108m}Rh;^{95}Ru;^{92}Y;^{98m}Nb;^{87}Kr;^{92}Sr; deduced σ of fission like events after complete and / or incomplete fusion. Recoil-catcher technique, γ-spectroscopy. JOUR IMPEE 17 549
	2008YA08	NUCLEAR REACTIONS C(^{72}Kr, X), (^{76}Kr, X), (^{80}Kr, X), E=1.05 GeV / nucleon; measured interaction cross sections, effective matter radii. ^{63,64,65,66,67,68}Ga, ^{65,66,67,68,69,70}Ge, ^{67,68,69,70,71,72}As, ^{69,70,71,72,73}Se, ^{72,73,74,75}Br, ^{73,74,75,77,78,79,81,82,83,84,85,86,87,88,89,90}Kr; systematics. Comparison with Skyrme-Hartree-Fock-Bogoliubov calculations. JOUR PRVCA 77 034315

A=67

^{67}Fe	2008PA33	RADIOACTIVITY ^{67}Fe(β^-) [from ^{238}U(p, F), E=30 MeV]; measured Eγ, Iγ, Eβ, Iβ, $\gamma\gamma$-, $\gamma\beta$-coin, half-lives, multipolarities, logft. ^{67}Co; deduced levels, isomers, configurations by correlation techniques. Comparisons with ^{57,59,61,63,65,67}Co, ^{68}Ni and theoretical data. JOUR PRVCA 78 041307
^{67}Co	2008PA33	RADIOACTIVITY ^{67}Fe(β^-) [from ^{238}U(p, F), E=30 MeV]; measured Eγ, Iγ, Eβ, Iβ, $\gamma\gamma$-, $\gamma\beta$-coin, half-lives, multipolarities, logft. ^{67}Co; deduced levels, isomers, configurations by correlation techniques. Comparisons with ^{57,59,61,63,65,67}Co, ^{68}Ni and theoretical data. JOUR PRVCA 78 041307
^{67}Ni	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609

A=67 *(continued)*

^{67}Cu	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008CH18	NUCLEAR REACTIONS ^{65}Cu(^{6}He, ^{5}He), (^{6}He, α), E=22.6 MeV; measured Eα, Iα, Eγ, Iγ, n$\alpha\gamma$-coin, 1n, 2n transfer $\sigma(\theta)$. Coupled channel analysis. JOUR PRLTA 101 032701
	2008FU08	NUCLEAR REACTIONS ^{27}Al, ^{28}Si, ^{29}Si, ^{41}K, ^{51}V, ^{61}Ni, ^{65}Cu, ^{64,67}Zn, ^{69}Ga, ^{79}Br, ^{92}Mo(n, p), E=3.5-5.9 MeV; ^{69}Ga, ^{93}Nb(n, α), E=3.5-5.9 MeV; measured Eγ, Iγ, cross sections using the activation technique. JOUR ANEND 35 1652
	2008ST04	NUCLEAR REACTIONS ^{104}Pd(^{67}Cu, ^{67}Cu'), (^{69}Cu, ^{69}Cu'), (^{71}Cu, ^{71}Cu'), E=2.99 MeV / nucleon; ^{120}Sn(^{71}Cu, ^{71}Cu'), (^{73}Cu, ^{73}Cu'), E=2.99 MeV / nucleon; measured Eγ, Iγ following coulomb excitation. ^{67,69,71,73}Cu; deduced level energies, B(E2). JOUR PRLTA 100 112502
	2008ST12	NUCLEAR MOMENTS ^{58,59}Cu; measured magnetic moments, isotope shifts. In-source laser spectrometry. Comparison with theoretical data. ^{57,60,61,62,63,64,65,66,67,68,69}Cu; comparison between theory and experiments. JOUR PRVCA 77 067302
^{67}Zn	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609

A=67 *(continued)*

^{67}Ga	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008AG06	NUCLEAR REACTIONS ^{59}Co(^{12}C, 3np), (^{12}C, 2n2p), (^{12}C, nα), (^{12}C, 2nα), (^{12}C, 3npα), (^{12}C, 2n2α), E=60, 65, 70, 75, 80 MeV; measured Eγ, Iγ, excitation functions, cross sections, forward recoil range distributions of evaporation residues. Comparisons with calculations using ALICE-91 and CASCADE codes. JOUR IMPEE 17 393
	2008SK03	NUCLEAR REACTIONS ^{64,66}Zn(p, γ), E=1.0-2.8 MeV; measured Eγ, Iγ, excitation functions; deduced S-factors. Compared results to model calculations. JOUR BRSPE 72 376
	2008YA08	NUCLEAR REACTIONS C(^{72}Kr, X), (^{76}Kr, X), (^{80}Kr, X), E=1.05 GeV / nucleon; measured interaction cross sections, effective matter radii. ^{63,64,65,66,67,68}Ga, ^{65,66,67,68,69,70}Ge, ^{67,68,69,70,71,72}As, ^{69,70,71,72,73}Se, ^{72,73,74,75}Br, ^{73,74,75,77,78,79,81,82,83,84,85,86,87,88,89,90}Kr; systematics. Comparison with Skyrme-Hartree-Fock-Bogoliubov calculations. JOUR PRVCA 77 034315
^{67}Ge	2008AG06	NUCLEAR REACTIONS ^{59}Co(^{12}C, 3np), (^{12}C, 2n2p), (^{12}C, nα), (^{12}C, 2nα), (^{12}C, 3npα), (^{12}C, 2n2α), E=60, 65, 70, 75, 80 MeV; measured Eγ, Iγ, excitation functions, cross sections, forward recoil range distributions of evaporation residues. Comparisons with calculations using ALICE-91 and CASCADE codes. JOUR IMPEE 17 393
	2008YA08	NUCLEAR REACTIONS C(^{72}Kr, X), (^{76}Kr, X), (^{80}Kr, X), E=1.05 GeV / nucleon; measured interaction cross sections, effective matter radii. ^{63,64,65,66,67,68}Ga, ^{65,66,67,68,69,70}Ge, ^{67,68,69,70,71,72}As, ^{69,70,71,72,73}Se, ^{72,73,74,75}Br, ^{73,74,75,77,78,79,81,82,83,84,85,86,87,88,89,90}Kr; systematics. Comparison with Skyrme-Hartree-Fock-Bogoliubov calculations. JOUR PRVCA 77 034315
^{67}As	2007ORZZ	NUCLEAR REACTIONS ^{40}Ca(^{32}S, nα)^{67}Se, ^{40}Ca(^{32}S, pα)^{67}As, E=90 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{67}Se; deduced levels, $T_{1/2}$. ^{67}As; deduced levels, $T_{1/2}$, mirror B(E1) strength. CONF Lisbon (PROCON 2007),Proc.P190,Orlandi

A=67 *(continued)*

	2008YA08	NUCLEAR REACTIONS C(^{72}Kr, X), (^{76}Kr, X), (^{80}Kr, X), E=1.05 GeV / nucleon; measured interaction cross sections, effective matter radii. ^{63,64,65,66,67,68}Ga, ^{65,66,67,68,69,70}Ge, ^{67,68,69,70,71,72}As, ^{69,70,71,72,73}Se, ^{72,73,74,75}Br, ^{73,74,75,77,78,79,81,82,83,84,85,86,87,88,89,90}Kr; systematics. Comparison with Skyrme-Hartree-Fock-Bogoliubov calculations. JOUR PRVCA 77 034315
^{67}Se	2007ORZZ	NUCLEAR REACTIONS ^{40}Ca(^{32}S, nα)^{67}Se, ^{40}Ca(^{32}S, pα)^{67}As, E=90 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{67}Se; deduced levels, $T_{1/2}$. ^{67}As; deduced levels, $T_{1/2}$, mirror B(E1) strength. CONF Lisbon (PROCON 2007),Proc.P190,Orlandi

A=68

^{68}Fe	2008AD04	NUCLEAR REACTIONS ^{9}Be(^{67}Co, ^{66}Fe)X, E=84.3 MeV / nucleon; ^{9}Be(^{68}Ni, ^{66}Fe)X, E=74.7 MeV / nucleon; ^{9}Be(^{69}Co, ^{68}Fe)X, E=77.8 MeV / nucleon; ^{9}Be(^{66}Fe, ^{64}Cr)X, E=73.5 MeV / nucleon; measured Eγ, Iγ, σ. ^{66,68}Fe, ^{64}Cr; deduced levels, J, π. ^{9}Be(^{76}Ge, X)^{63}Fe / ^{64}Fe / ^{65}Fe / ^{66}Fe / ^{68}Ni / ^{69}Cu, E=130 MeV / nucleon;measured yields. JOUR PRVCA 77 054306
^{68}Ni	2008AD04	NUCLEAR REACTIONS ^{9}Be(^{67}Co, ^{66}Fe)X, E=84.3 MeV / nucleon; ^{9}Be(^{68}Ni, ^{66}Fe)X, E=74.7 MeV / nucleon; ^{9}Be(^{69}Co, ^{68}Fe)X, E=77.8 MeV / nucleon; ^{9}Be(^{66}Fe, ^{64}Cr)X, E=73.5 MeV / nucleon; measured Eγ, Iγ, σ. ^{66,68}Fe, ^{64}Cr; deduced levels, J, π. ^{9}Be(^{76}Ge, X)^{63}Fe / ^{64}Fe / ^{65}Fe / ^{66}Fe / ^{68}Ni / ^{69}Cu, E=130 MeV / nucleon;measured yields. JOUR PRVCA 77 054306
	2008BR18	NUCLEAR REACTIONS ^{108}Pd(^{68}Ni, ^{68}Ni'), E=2.9 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin, $\sigma(\theta)$, scattering angle. ^{68}Ni; deduced levels, J, π, B(E2). JOUR PRVCA 78 047301
	2008OR02	NUCLEAR REACTIONS ^{58,60}Ni(n, n'γ)E=1.6, 1.8 MeV; measured Eγ, Iγ, half-life of 2^+ states. ^{58}Ni, ^{60}Ni; deduced B(E2) values. Doppler shift attenuation method. ^{56,62,64,66,68}Ni; calculated lifetimes, B(E2). JOUR PRVCA 77 064301
^{68}Cu	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609

A=68 *(continued)*

	2008ST12	NUCLEAR MOMENTS ^{58,59}Cu; measured magnetic moments, isotope shifts. In-source laser spectrometry. Comparison with theoretical data. ^{57,60,61,62,63,64,65,66,67,68,69}Cu; comparison between theory and experiments. JOUR PRVCA 77 067302
^{68}Zn	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
^{68}Ga	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008YA08	NUCLEAR REACTIONS C(^{72}Kr, X), (^{76}Kr, X), (^{80}Kr, X), E=1.05 GeV / nucleon; measured interaction cross sections, effective matter radii. ^{63,64,65,66,67,68}Ga, ^{65,66,67,68,69,70}Ge, ^{67,68,69,70,71,72}As, ^{69,70,71,72,73}Se, ^{72,73,74,75}Br, ^{73,74,75,77,78,79,81,82,83,84,85,86,87,88,89,90}Kr; systematics. Comparison with Skyrme-Hartree-Fock-Bogoliubov calculations. JOUR PRVCA 77 034315

A=68 ***(continued)***

^{68}Ge	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008GO23	ATOMIC MASSES ^{64}Ga, ^{64}Zn, ^{68}Se, ^{68}As, ^{68}Ge, ^{72}Se, ^{76}Rb, ^{76}Kr, ^{80}Sr, ^{80}Y; measured atomic masses using a time-of-flight technique. ^{68}Se; deduced Q value for proton capture. JOUR PRVCA 78 014311
	2008YA08	NUCLEAR REACTIONS C(^{72}Kr, X), (^{76}Kr, X), (^{80}Kr, X), E=1.05 GeV / nucleon; measured interaction cross sections, effective matter radii. ^{63,64,65,66,67,68}Ga, ^{65,66,67,68,69,70}Ge, ^{67,68,69,70,71,72}As, ^{69,70,71,72,73}Se, ^{72,73,74,75}Br, ^{73,74,75,77,78,79,81,82,83,84,85,86,87,88,89,90}Kr; systematics. Comparison with Skyrme-Hartree-Fock-Bogoliubov calculations. JOUR PRVCA 77 034315
^{68}As	2008GO23	ATOMIC MASSES ^{64}Ga, ^{64}Zn, ^{68}Se, ^{68}As, ^{68}Ge, ^{72}Se, ^{76}Rb, ^{76}Kr, ^{80}Sr, ^{80}Y; measured atomic masses using a time-of-flight technique. ^{68}Se; deduced Q value for proton capture. JOUR PRVCA 78 014311
	2008YA08	NUCLEAR REACTIONS C(^{72}Kr, X), (^{76}Kr, X), (^{80}Kr, X), E=1.05 GeV / nucleon; measured interaction cross sections, effective matter radii. ^{63,64,65,66,67,68}Ga, ^{65,66,67,68,69,70}Ge, ^{67,68,69,70,71,72}As, ^{69,70,71,72,73}Se, ^{72,73,74,75}Br, ^{73,74,75,77,78,79,81,82,83,84,85,86,87,88,89,90}Kr; systematics. Comparison with Skyrme-Hartree-Fock-Bogoliubov calculations. JOUR PRVCA 77 034315
^{68}Se	2008GO23	ATOMIC MASSES ^{64}Ga, ^{64}Zn, ^{68}Se, ^{68}As, ^{68}Ge, ^{72}Se, ^{76}Rb, ^{76}Kr, ^{80}Sr, ^{80}Y; measured atomic masses using a time-of-flight technique. ^{68}Se; deduced Q value for proton capture. JOUR PRVCA 78 014311

A=69

^{69}Cu	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008AD04	NUCLEAR REACTIONS ^{9}Be(^{67}Co, ^{66}Fe)X, E=84.3 MeV / nucleon; ^{9}Be(^{68}Ni, ^{66}Fe)X, E=74.7 MeV / nucleon; ^{9}Be(^{69}Co, ^{68}Fe)X, E=77.8 MeV / nucleon; ^{9}Be(^{66}Fe, ^{64}Cr)X, E=73.5 MeV / nucleon; measured Eγ, Iγ, σ. ^{66,68}Fe, ^{64}Cr; deduced levels, J, π. ^{9}Be(^{76}Ge, X)^{63}Fe / ^{64}Fe / ^{65}Fe / ^{66}Fe / ^{68}Ni / ^{69}Cu, E=130 MeV / nucleon;measured yields. JOUR PRVCA 77 054306
	2008ST04	NUCLEAR REACTIONS ^{104}Pd(^{67}Cu, ^{67}Cu'), (^{69}Cu, ^{69}Cu'), (^{71}Cu, ^{71}Cu'), E=2.99 MeV / nucleon; ^{120}Sn(^{71}Cu, ^{71}Cu'), (^{73}Cu, ^{73}Cu'), E=2.99 MeV / nucleon; measured Eγ, Iγ following coulomb excitation. ^{67,69,71,73}Cu; deduced level energies, B(E2). JOUR PRLTA 100 112502
	2008ST12	NUCLEAR MOMENTS ^{58,59}Cu; measured magnetic moments, isotope shifts. In-source laser spectrometry. Comparison with theoretical data. ^{57,60,61,62,63,64,65,66,67,68,69}Cu; comparison between theory and experiments. JOUR PRVCA 77 067302
^{69}Zn	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008FU08	NUCLEAR REACTIONS ^{27}Al, ^{28}Si, ^{29}Si, ^{41}K, ^{51}V, ^{61}Ni, ^{65}Cu, ^{64,67}Zn, ^{69}Ga, ^{79}Br, ^{92}Mo(n, p), E=3.5-5.9 MeV; ^{69}Ga, ^{93}Nb(n, α), E=3.5-5.9 MeV; measured Eγ, Iγ, cross sections using the activation technique. JOUR ANEND 35 1652

A=69 *(continued)*

	2008LA12	NUCLEAR REACTIONS ^{70}Ge(n, 2n), (n, p), ^{72}Ge(n, p), (n, α), ^{73}Ge(n, p), ^{74}Ge(n, p), (n, α), ^{76}Ge(n, 2n), E=13.6, 14.1 MeV; measured cross sections using the activation technique. JOUR ANEND 35 2105
^{69}Ga	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008LAZY	NUCLEAR REACTIONS ^{65}Cu(α, γ), E(cm)=4.9-7.6 MeV; measured σ; Compared results to statistical model calculations using MOST and to NonSMOKER codes. CONF Crete(FINUSTAR 2),Proc.P179,Lagoyannis
^{69}Ge	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008LA12	NUCLEAR REACTIONS ^{70}Ge(n, 2n), (n, p), ^{72}Ge(n, p), (n, α), ^{73}Ge(n, p), ^{74}Ge(n, p), (n, α), ^{76}Ge(n, 2n), E=13.6, 14.1 MeV; measured cross sections using the activation technique. JOUR ANEND 35 2105
	2008YA08	NUCLEAR REACTIONS C(^{72}Kr, X), (^{76}Kr, X), (^{80}Kr, X), E=1.05 GeV / nucleon; measured interaction cross sections, effective matter radii. ^{63,64,65,66,67,68}Ga, ^{65,66,67,68,69,70}Ge, ^{67,68,69,70,71,72}As, ^{69,70,71,72,73}Se, ^{72,73,74,75}Br, ^{73,74,75,77,78,79,81,82,83,84,85,86,87,88,89,90}Kr; systematics. Comparison with Skyrme-Hartree-Fock-Bogoliubov calculations. JOUR PRVCA 77 034315

A=69 *(continued)*

^{69}As	2008YA08	NUCLEAR REACTIONS C(^{72}Kr, X), (^{76}Kr, X), (^{80}Kr, X), E=1.05 GeV / nucleon; measured interaction cross sections, effective matter radii. ^{63,64,65,66,67,68}Ga, ^{65,66,67,68,69,70}Ge, ^{67,68,69,70,71,72}As, ^{69,70,71,72,73}Se, ^{72,73,74,75}Br, ^{73,74,75,77,78,79,81,82,83,84,85,86,87,88,89,90}Kr; systematics. Comparison with Skyrme-Hartree-Fock-Bogoliubov calculations. JOUR PRVCA 77 034315
^{69}Se	2008YA08	NUCLEAR REACTIONS C(^{72}Kr, X), (^{76}Kr, X), (^{80}Kr, X), E=1.05 GeV / nucleon; measured interaction cross sections, effective matter radii. ^{63,64,65,66,67,68}Ga, ^{65,66,67,68,69,70}Ge, ^{67,68,69,70,71,72}As, ^{69,70,71,72,73}Se, ^{72,73,74,75}Br, ^{73,74,75,77,78,79,81,82,83,84,85,86,87,88,89,90}Kr; systematics. Comparison with Skyrme-Hartree-Fock-Bogoliubov calculations. JOUR PRVCA 77 034315

A=70

^{70}Cu	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
^{70}Zn	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609

A=70 *(continued)*

^{70}Ga	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008LA12	NUCLEAR REACTIONS ^{70}Ge(n, 2n), (n, p), ^{72}Ge(n, p), (n, α), ^{73}Ge(n, p), ^{74}Ge(n, p), (n, α), ^{76}Ge(n, 2n), E=13.6, 14.1 MeV; measured cross sections using the activation technique. JOUR ANEND 35 2105
^{70}Ge	2007BO41	NUCLEAR REACTIONS C(^{70}Ge, X)^{70}Ge, E=190, 225 MeV; measured Eγ, Iγ; deduced levels, J, π, g-factors for 2^+, 3^+ and 4^+ states, B(E2), half-lives. Comparison with calculated and measured g-factors of ^{64,66,68}Zn, ^{74,76,78,80,82}Se. JOUR PRVCA 76 054311
	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008YA08	NUCLEAR REACTIONS C(^{72}Kr, X), (^{76}Kr, X), (^{80}Kr, X), E=1.05 GeV / nucleon; measured interaction cross sections, effective matter radii. ^{63,64,65,66,67,68}Ga, ^{65,66,67,68,69,70}Ge, ^{67,68,69,70,71,72}As, ^{69,70,71,72,73}Se, ^{72,73,74,75}Br, ^{73,74,75,77,78,79,81,82,83,84,85,86,87,88,89,90}Kr; systematics. Comparison with Skyrme-Hartree-Fock-Bogoliubov calculations. JOUR PRVCA 77 034315

A=70 *(continued)*

^{70}As	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008SI09	NUCLEAR REACTIONS ^{169}Tm(^{16}O, X), E=5.9 MeV / nucleon; measured Eγ, Iγ. ^{107}In;^{66}Ge;^{88}Nb;^{95}Y;^{83}Se;^{99m}Tc;^{109}Sn;^{101}Tc;^{79}As;^{105}In;^{108m}Rh;^{95}Ru;^{92}Y;^{98m}Nb;^{87}Kr;^{92}Sr; deduced σ of fission like events after complete and / or incomplete fusion. Recoil-catcher technique, γ-spectroscopy. JOUR IMPEE 17 549
	2008YA08	NUCLEAR REACTIONS C(^{72}Kr, X), (^{76}Kr, X), (^{80}Kr, X), E=1.05 GeV / nucleon; measured interaction cross sections, effective matter radii. ^{63,64,65,66,67,68}Ga, ^{65,66,67,68,69,70}Ge, ^{67,68,69,70,71,72}As, ^{69,70,71,72,73}Se, ^{72,73,74,75}Br, ^{73,74,75,77,78,79,81,82,83,84,85,86,87,88,89,90}Kr; systematics. Comparison with Skyrme-Hartree-Fock-Bogoliubov calculations. JOUR PRVCA 77 034315
^{70}Se	2008LJ01	NUCLEAR REACTIONS ^{40}Ca(^{36}Ar, 2pα), (^{36}Ar, 4p), E=136 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, lifetimes using recoil distance doppler shift method. ^{70,72}Se; deduced level energies and B(E2). JOUR PRLTA 100 102502
	2008YA08	NUCLEAR REACTIONS C(^{72}Kr, X), (^{76}Kr, X), (^{80}Kr, X), E=1.05 GeV / nucleon; measured interaction cross sections, effective matter radii. ^{63,64,65,66,67,68}Ga, ^{65,66,67,68,69,70}Ge, ^{67,68,69,70,71,72}As, ^{69,70,71,72,73}Se, ^{72,73,74,75}Br, ^{73,74,75,77,78,79,81,82,83,84,85,86,87,88,89,90}Kr; systematics. Comparison with Skyrme-Hartree-Fock-Bogoliubov calculations. JOUR PRVCA 77 034315
^{70}Br	2006KA74	RADIOACTIVITY ^{105}Sn(EC), (β^+), (ECp), (β^+); measured Eβ, Iβ, β-delayed Eγ, Iγ, $\beta\gamma$-, $\gamma\gamma$-coin, x-ray spectrum; deduced Q values. Total absorption spectrometer (TAS). ^{70m}Br, ^{96,97,98}Ag, ^{100,102,103}In, ^{103}Sn, ^{113}Xe, ^{117}Ba; reviewed Q values. JOUR IMSPF 251 138

A=71

^{71}Cu	2008ST01	RADIOACTIVITY ^{71}Cu(β^-); measured magnetic moment of ground state. Compared with magnetic dipole moments of ^{57,59,61,63,65,67,69}Cu. JOUR PRVCA 77 014315

A=71 *(continued)*

	2008ST04	NUCLEAR REACTIONS ^{104}Pd(^{67}Cu, ^{67}Cu'), (^{69}Cu, ^{69}Cu'), (^{71}Cu, ^{71}Cu'), E=2.99 MeV / nucleon; ^{120}Sn(^{71}Cu, ^{71}Cu'), (^{73}Cu, ^{73}Cu'), E=2.99 MeV / nucleon; measured Eγ, Iγ following coulomb excitation. ^{67,69,71,73}Cu; deduced level energies, B(E2). JOUR PRLTA 100 112502
^{71}Zn	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008LA12	NUCLEAR REACTIONS ^{70}Ge(n, 2n), (n, p), ^{72}Ge(n, p), (n, α), ^{73}Ge(n, p), ^{74}Ge(n, p), (n, α), ^{76}Ge(n, 2n), E=13.6, 14.1 MeV; measured cross sections using the activation technique. JOUR ANEND 35 2105
	2008ST01	RADIOACTIVITY ^{71}Cu(β^-); measured magnetic moment of ground state. Compared with magnetic dipole moments of ^{57,59,61,63,65,67,69}Cu. JOUR PRVCA 77 014315
^{71}Ga	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609

A=71 *(continued)*

^{71}Ge	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008RU04	NUCLEAR REACTIONS ^{98,100}Mo(γ, γ'), E<15 MeV; measured Eγ, Iγ, photoabsorption σ, giant resonances, angular distributions, distribution of mean branching ratios, dipole strength functions; deduced multipolarities. ^{27}Al, ^{28}Si, ^{56}Fe, ^{63}Cu, ^{70,72,73,74}Ge(n, γ), E=thermal; measured Eγ, Iγ. ^{99,101}Mo(γ, n); analyzed cross sections. ^{97}Mo(n, γ), ^{98}Mo(^{3}He, ^{3}He'γ); comparisons. JOUR PRVCA 77 064321
^{71}As	2007KI17	NUCLEAR REACTIONS ^{70}Ge(p, γ), E=1.5-4.5 MeV; ^{76}Ge(p, n), E=1.5-4.5 MeV; measured Eγ, Iγ, cross sections; deduced astrophysical S-factors, reaction rates. JOUR PRVCA 76 055807
	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008KI04	NUCLEAR REACTIONS ^{70}Ge(p, γ), E=1.6-4.4 MeV; ^{76}Ge(p, n), E=1.6-4.4 MeV; measured Eγ, Iγ, cross sections. JOUR JPGPE 35 014032
	2008YA08	NUCLEAR REACTIONS C(^{72}Kr, X), (^{76}Kr, X), (^{80}Kr, X), E=1.05 GeV / nucleon; measured interaction cross sections, effective matter radii. ^{63,64,65,66,67,68}Ga, ^{65,66,67,68,69,70}Ge, ^{67,68,69,70,71,72}As, ^{69,70,71,72,73}Se, ^{72,73,74,75}Br, ^{73,74,75,77,78,79,81,82,83,84,85,86,87,88,89,90}Kr; systematics. Comparison with Skyrme-Hartree-Fock-Bogoliubov calculations. JOUR PRVCA 77 034315

A=71 *(continued)*

^{71}Se	2008YA08	NUCLEAR REACTIONS C(^{72}Kr, X), (^{76}Kr, X), (^{80}Kr, X), E=1.05 GeV / nucleon; measured interaction cross sections, effective matter radii. ^{63,64,65,66,67,68}Ga, ^{65,66,67,68,69,70}Ge, ^{67,68,69,70,71,72}As, ^{69,70,71,72,73}Se, ^{72,73,74,75}Br, ^{73,74,75,77,78,79,81,82,83,84,85,86,87,88,89,90}Kr; systematics. Comparison with Skyrme-Hartree-Fock-Bogoliubov calculations. JOUR PRVCA 77 034315

A=72

^{72}Zn	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
^{72}Ga	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008BU10	NUCLEAR REACTIONS ^{71}Ga, ^{75}As, ^{164}Dy, ^{170}Er(n, γ), E=spectrum; measured Eγ, Iγ; deduced effective resonance energy using Am-Be neutron source. Comparison with calculations. JOUR ANEND 35 1433
	2008LA12	NUCLEAR REACTIONS ^{70}Ge(n, 2n), (n, p), ^{72}Ge(n, p), (n, α), ^{73}Ge(n, p), ^{74}Ge(n, p), (n, α), ^{76}Ge(n, 2n), E=13.6, 14.1 MeV; measured cross sections using the activation technique. JOUR ANEND 35 2105
	2008UD05	NUCLEAR REACTIONS ^{71}Ga(n, γ), E=0.0536 eV; measured Eγ, Iγ, cross section using activation technique. JOUR NIMBE 266 3341

A=72 *(continued)*

^{72}Ge	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008SH15	RADIOACTIVITY ^{72}As(β^+), (EC) [from ^{72}Ge(p, n), E=16 MeV]; measured Eγ, Iγ, log ft. ^{72}Ge; deduced levels, J, π. JOUR IMPEE 17 1061
^{72}As	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008SH15	RADIOACTIVITY ^{72}As(β^+), (EC) [from ^{72}Ge(p, n), E=16 MeV]; measured Eγ, Iγ, log ft. ^{72}Ge; deduced levels, J, π. JOUR IMPEE 17 1061
	2008YA08	NUCLEAR REACTIONS C(^{72}Kr, X), (^{76}Kr, X), (^{80}Kr, X), E=1.05 GeV / nucleon; measured interaction cross sections, effective matter radii. ^{63,64,65,66,67,68}Ga, ^{65,66,67,68,69,70}Ge, ^{67,68,69,70,71,72}As, ^{69,70,71,72,73}Se, ^{72,73,74,75}Br, ^{73,74,75,77,78,79,81,82,83,84,85,86,87,88,89,90}Kr; systematics. Comparison with Skyrme-Hartree-Fock-Bogoliubov calculations. JOUR PRVCA 77 034315

A=72 *(continued)*

^{72}Se	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008GO23	ATOMIC MASSES ^{64}Ga, ^{64}Zn, ^{68}Se, ^{68}As, ^{68}Ge, ^{72}Se, ^{76}Rb, ^{76}Kr, ^{80}Sr, ^{80}Y; measured atomic masses using a time-of-flight technique. ^{68}Se; deduced Q value for proton capture. JOUR PRVCA 78 014311
	2008LJ01	NUCLEAR REACTIONS ^{40}Ca(^{36}Ar, 2pα), (^{36}Ar, 4p), E=136 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, lifetimes using recoil distance doppler shift method. ^{70,72}Se; deduced level energies and B(E2). JOUR PRLTA 100 102502
	2008YA08	NUCLEAR REACTIONS C(^{72}Kr, X), (^{76}Kr, X), (^{80}Kr, X), E=1.05 GeV / nucleon; measured interaction cross sections, effective matter radii. ^{63,64,65,66,67,68}Ga, ^{65,66,67,68,69,70}Ge, ^{67,68,69,70,71,72}As, ^{69,70,71,72,73}Se, ^{72,73,74,75}Br, ^{73,74,75,77,78,79,81,82,83,84,85,86,87,88,89,90}Kr; systematics. Comparison with Skyrme-Hartree-Fock-Bogoliubov calculations. JOUR PRVCA 77 034315
^{72}Br	2008YA08	NUCLEAR REACTIONS C(^{72}Kr, X), (^{76}Kr, X), (^{80}Kr, X), E=1.05 GeV / nucleon; measured interaction cross sections, effective matter radii. ^{63,64,65,66,67,68}Ga, ^{65,66,67,68,69,70}Ge, ^{67,68,69,70,71,72}As, ^{69,70,71,72,73}Se, ^{72,73,74,75}Br, ^{73,74,75,77,78,79,81,82,83,84,85,86,87,88,89,90}Kr; systematics. Comparison with Skyrme-Hartree-Fock-Bogoliubov calculations. JOUR PRVCA 77 034315
^{72}Kr	2007YA20	NUCLEAR REACTIONS C(^{72}Kr, X), (^{76}Kr, X), (^{80}Kr, X), E < 1 GeV / nucleon; measured particle energies, yields, and interaction cross sections. ^{72,76,80}Kr; deduced effective rms matter radii. JOUR ZSTNE 150 197

A=73

^{73}Cu	2008ST04	NUCLEAR REACTIONS ^{104}Pd(^{67}Cu, ^{67}Cu'), (^{69}Cu, ^{69}Cu'), (^{71}Cu, ^{71}Cu'), E=2.99 MeV / nucleon; ^{120}Sn(^{71}Cu, ^{71}Cu'), (^{73}Cu, ^{73}Cu'), E=2.99 MeV / nucleon; measured Eγ, Iγ following coulomb excitation. ^{67,69,71,73}Cu; deduced level energies, B(E2). JOUR PRLTA 100 112502

A=73 *(continued)*

^{73}Ga	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008KAZT	NUCLEAR REACTIONS ^{74,76}Ge, ^{76,78}Se(d, ^{3}He), E=80 MeV; ^{74,76}Ge, ^{76,78}Se(^{3}He, d), E=73 MeV; measured cross sections and angular distributions. ^{73,75}Ga, ^{75,77}As, ^{77,79}Br; deduced levels, J, π, spectroscopic factors. PC B P Kay, 12/2/2008
	2008LA12	NUCLEAR REACTIONS ^{70}Ge(n, 2n), (n, p), ^{72}Ge(n, p), (n, α), ^{73}Ge(n, p), ^{74}Ge(n, p), (n, α), ^{76}Ge(n, 2n), E=13.6, 14.1 MeV; measured cross sections using the activation technique. JOUR ANEND 35 2105
	2008LI25	RADIOACTIVITY ^{73}Ga(β^-), ^{73}As(EC); measured Eγ, Iγ. ^{73}Ge deduced neutrino-induced production close to a power reactor. JOUR JPGPE 35 077001
^{73}Ge	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008LI25	RADIOACTIVITY ^{73}Ga(β^-), ^{73}As(EC); measured Eγ, Iγ. ^{73}Ge deduced neutrino-induced production close to a power reactor. JOUR JPGPE 35 077001
	2008RU04	NUCLEAR REACTIONS ^{98,100}Mo(γ, γ'), E<15 MeV; measured Eγ, Iγ, photoabsorption σ, giant resonances, angular distributions, distribution of mean branching ratios, dipole strength functions; deduced multipolarities. ^{27}Al, ^{28}Si, ^{56}Fe, ^{63}Cu, ^{70,72,73,74}Ge(n, γ), E=thermal; measured Eγ, Iγ. ^{99,101}Mo(γ, n); analyzed cross sections. ^{97}Mo(n, γ), ^{98}Mo(^{3}He, ^{3}He'γ); comparisons. JOUR PRVCA 77 064321

A=73 *(continued)*

	2008SC03	NUCLEAR REACTIONS ^{74,76}Ge, ^{76,78}Se(d, p), E=15 MeV; ^{76}Ge, ^{76}Se(p, d), E=23 MeV; ^{74,76}Ge, ^{76,78}Se(^{3}He, α), E=26 MeV; ^{74,76}Ge, ^{76,78}Se(α, ^{3}He), E=40 MeV; measured reaction products energy spectra, cross sections. Deduced summed spectroscopic strengths, neutron vacancies. JOUR PRLTA 100 112501
^{73}As	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008LI25	RADIOACTIVITY ^{73}Ga(β^-), ^{73}As(EC); measured Eγ, Iγ. ^{73}Ge deduced neutrino-induced production close to a power reactor. JOUR JPGPE 35 077001
^{73}Se	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008YA08	NUCLEAR REACTIONS C(^{72}Kr, X), (^{76}Kr, X), (^{80}Kr, X), E=1.05 GeV / nucleon; measured interaction cross sections, effective matter radii. ^{63,64,65,66,67,68}Ga, ^{65,66,67,68,69,70}Ge, ^{67,68,69,70,71,72}As, ^{69,70,71,72,73}Se, ^{72,73,74,75}Br, ^{73,74,75,77,78,79,81,82,83,84,85,86,87,88,89,90}Kr; systematics. Comparison with Skyrme-Hartree-Fock-Bogoliubov calculations. JOUR PRVCA 77 034315
^{73}Br	2008YA08	NUCLEAR REACTIONS C(^{72}Kr, X), (^{76}Kr, X), (^{80}Kr, X), E=1.05 GeV / nucleon; measured interaction cross sections, effective matter radii. ^{63,64,65,66,67,68}Ga, ^{65,66,67,68,69,70}Ge, ^{67,68,69,70,71,72}As, ^{69,70,71,72,73}Se, ^{72,73,74,75}Br, ^{73,74,75,77,78,79,81,82,83,84,85,86,87,88,89,90}Kr; systematics. Comparison with Skyrme-Hartree-Fock-Bogoliubov calculations. JOUR PRVCA 77 034315

A=73 *(continued)*

^{73}Kr	2008JO07	NUCLEAR REACTIONS ^{40}Ca(^{40}Ca, n2pα), (^{40}Ca, npα), E=165 MeV; measured Eγ, Iγ, electric quadrupole moments, half-lives using residual doppler shift method. ^{73}Kr, ^{74}Rb; deduced levels, J, π, bands, transition quadrupole moments, configurations. Comparisons with cranked Nilsson-Strutinsky and relativistic mean-field calculations. JOUR PRVCA 78 034312
	2008YA08	NUCLEAR REACTIONS C(^{72}Kr, X), (^{76}Kr, X), (^{80}Kr, X), E=1.05 GeV / nucleon; measured interaction cross sections, effective matter radii. ^{63,64,65,66,67,68}Ga, ^{65,66,67,68,69,70}Ge, ^{67,68,69,70,71,72}As, ^{69,70,71,72,73}Se, ^{72,73,74,75}Br, ^{73,74,75,77,78,79,81,82,83,84,85,86,87,88,89,90}Kr; systematics. Comparison with Skyrme-Hartree-Fock-Bogoliubov calculations. JOUR PRVCA 77 034315

A=74

^{74}Ga	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008LA12	NUCLEAR REACTIONS ^{70}Ge(n, 2n), (n, p), ^{72}Ge(n, p), (n, α), ^{73}Ge(n, p), ^{74}Ge(n, p), (n, α), ^{76}Ge(n, 2n), E=13.6, 14.1 MeV; measured cross sections using the activation technique. JOUR ANEND 35 2105
^{74}Ge	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609

A=74 *(continued)*

	2008GY02	RADIOACTIVITY ^{74}As(β^-), (EC) [from ^{74}Ge(p, n)^{74As}, E=10.2 MeV]; measured Eγ, Iγ, $T_{1/2}$ and β^-, β^+ / EC decay branching ratios for source embedded in several materials; deduced upper limit for possible host material depedence. JOUR EULEE 83 42001
	2008RU04	NUCLEAR REACTIONS ^{98,100}Mo(γ, γ'), E<15 MeV; measured Eγ, Iγ, photoabsorption σ, giant resonances, angular distributions, distribution of mean branching ratios, dipole strength functions; deduced multipolarities. ^{27}Al, ^{28}Si, ^{56}Fe, ^{63}Cu, ^{70,72,73,74}Ge(n, γ), E=thermal; measured Eγ, Iγ. ^{99,101}Mo(γ, n); analyzed cross sections. ^{97}Mo(n, γ), ^{98}Mo(^{3}He, ^{3}He'γ); comparisons. JOUR PRVCA 77 064321
^{74}As	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008GU04	NUCLEAR REACTIONS ^{75}As(^{16}O, X)^{74}As / ^{76}Br / ^{77}Br / ^{81}Rb / ^{82m}Rb / ^{85}Y / ^{85m}Y / ^{87}Y / ^{86}Zr, E=83.1-111.0 MeV; measured Eγ, Iγ, cross sections, forward recoil range distributions of evaporation residues, complete and incomplete fusion yields. Comparisons with calculations using ALICE-91 code. JOUR IMPEE 17 407
	2008GY02	RADIOACTIVITY ^{74}As(β^-), (EC) [from ^{74}Ge(p, n)^{74As}, E=10.2 MeV]; measured Eγ, Iγ, $T_{1/2}$ and β^-, β^+ / EC decay branching ratios for source embedded in several materials; deduced upper limit for possible host material depedence. JOUR EULEE 83 42001
	2008ZI03	NUCLEAR REACTIONS ^{76,77,78,80,82}Se, ^{106,110,111,112,114,116}Cd(μ^-, nν), E not given; ^{76}Se(μ^-, 2nν), E not given; measured Eγ, Iγ, capture rates, lifetimes, yields. JOUR BRSPE 72 737

A=74 *(continued)*

^{74}Se	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008GY02	RADIOACTIVITY ^{74}As(β^-), (EC) [from ^{74}Ge(p, n)^{74As}, E=10.2 MeV]; measured Eγ, Iγ, $T_{1/2}$ and β^-, β^+ / EC decay branching ratios for source embedded in several materials; deduced upper limit for possible host material depedence. JOUR EULEE 83 42001
^{74}Br	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008SI09	NUCLEAR REACTIONS ^{159}Tb(^{16}O, X), E=5.6 MeV / nucleon; measured Eγ, Iγ. ^{77}Kr, ^{84m}Y, ^{80}Sr, ^{75}Br, ^{104}Tc, ^{83}Y, ^{85}Y, ^{87m}Y, ^{81}Sr, ^{83}Sr, ^{85m}Sr, ^{74m}Br, ^{83}Kr, ^{88}Kr, ^{94}Ru, ^{102}Ag, ^{95}Ru, ^{79}Rb, ^{87}Zr, ^{110}In, ^{78}As, ^{112}Ag; deduced σ of fission like events after complete and / or incomplete fusion. Recoil-catcher technique, γ-spectroscopy. JOUR IMPEE 17 549
	2008YA08	NUCLEAR REACTIONS C(^{72}Kr, X), (^{76}Kr, X), (^{80}Kr, X), E=1.05 GeV / nucleon; measured interaction cross sections, effective matter radii. ^{63,64,65,66,67,68}Ga, ^{65,66,67,68,69,70}Ge, ^{67,68,69,70,71,72}As, ^{69,70,71,72,73}Se, ^{72,73,74,75}Br, ^{73,74,75,77,78,79,81,82,83,84,85,86,87,88,89,90}Kr; systematics. Comparison with Skyrme-Hartree-Fock-Bogoliubov calculations. JOUR PRVCA 77 034315
^{74}Kr	2007GO42	NUCLEAR REACTIONS ^{209}Pb(^{74}Kr, ^{74}Kr'), (^{76}Kr, ^{76}Kr'), E=4.7 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin, angular distributions. ^{74,76}Kr; deduced B(E2), static quadrupole moments, shape coexistance. JOUR ZSTNE 150 117

A=74 *(continued)*

	2008VA03	NUCLEAR REACTIONS ^{40}Ca(^{40}Ca, 2pα), E=165 MeV; measured Eγ, Iγ, half-lives, transition quadrupole moments. ^{74}Kr; deduced excitation energies, rotational bands. JOUR PRVCA 77 024312
	2008YA08	NUCLEAR REACTIONS C(^{72}Kr, X), (^{76}Kr, X), (^{80}Kr, X), E=1.05 GeV / nucleon; measured interaction cross sections, effective matter radii. ^{63,64,65,66,67,68}Ga, ^{65,66,67,68,69,70}Ge, ^{67,68,69,70,71,72}As, ^{69,70,71,72,73}Se, ^{72,73,74,75}Br, ^{73,74,75,77,78,79,81,82,83,84,85,86,87,88,89,90}Kr; systematics. Comparison with Skyrme-Hartree-Fock-Bogoliubov calculations. JOUR PRVCA 77 034315
^{74}Rb	2006JO14	ATOMIC MASSES ^{96,97,98,99,100,101,102,103,104,105,106}Zr, ^{98,99,100,101,102,103,104,105,106}Nb, ^{99,100,101,102,103,104,105,106,107,108,109,110}Mo; reviewed cooling and trapping techniques, high-precision measurements of the ground state properties of exotic nuclei. Penning trap (JYFLTRAP at IGISOL facility) method and collinear laser spectroscopy. ^{117}Pd; measured conversion electrons from isomer decay. ^{22}Mg, ^{34}Ar, ^{46}V, ^{62}Ga, ^{74}Rb; reviewed superallowed β decay Ft values. ^{92}Br; measured time of flight spectrum.^{102}Nb; measured γ rays following β^- decay. JOUR IMSPF 251 204
	2006LU19	ATOMIC MASSES ^{74}Rb; measured mass with the MISTRAL radiofrequency transmission spectrometer. Wigner energy of N=Z nuclei. Comparisons with experimental data. A=10-100; systematics of n-p interactions. JOUR IMSPF 251 286
	2008FI07	RADIOACTIVITY ^{62}Ga(β^+); measured Eγ, Iγ, Eβ, $\beta\gamma$-coin, branching ratios; deduced ft values. ^{62}Zn; deduced levels, J, π. ^{10}C, ^{14}O, ^{22}Mg, ^{26m}Al, ^{34}Ca, ^{34}Ar, ^{38m}K, ^{42}Sc, ^{46}V, ^{50}Mn, ^{54}Co, ^{62}Ga, ^{74}Rb; systematics of superallowed β decays and ft values. JOUR PRVCA 78 025502
	2008HAZZ	RADIOACTIVITY ^{10}C, ^{14}O, ^{22}Mg, ^{26m}Al, ^{34}Cl, ^{34}Ar, ^{38m}K, ^{42}Sc, ^{46}V, ^{50}Mn, ^{54}Co, ^{62}Ga, ^{74}Rb; analyzed superallowed β-decay data. ^{34}Ar(β^+), (EC) [from ^{1}H(^{35}Cl, 2n), E=35 MeV / nucleon]; measured Eγ, Iγ, Eβ, $\beta\gamma$ coin; deduced β^++EC branches for superallowed β decay. CONF Sinaia(Exotic Nuclei and Nucl.Part.Astorphysics(II)) Proc.P119,Ha
	2008JO07	NUCLEAR REACTIONS ^{40}Ca(^{40}Ca, n2pα), (^{40}Ca, npα), E=165 MeV; measured Eγ, Iγ, electric quadrupole moments, half-lives using residual doppler shift method. ^{73}Kr, ^{74}Rb; deduced levels, J, π, bands, transition quadrupole moments, configurations. Comparisons with cranked Nilsson-Strutinsky and relativistic mean-field calculations. JOUR PRVCA 78 034312

A=75

^{75}Zn	2008WI01	RADIOACTIVITY ^{76}Cu(β^-n); ^{78}Cu(β^-); ^{79}Cu(β^-n); measured Eγ, Iγ, $\beta\gamma$-coin. ^{75,78}Zn; deduced levels. JOUR APOBB 39 525

A=75 *(continued)*

^{75}Ga	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008KAZT	NUCLEAR REACTIONS ^{74,76}Ge, ^{76,78}Se(d, ^{3}He), E=80 MeV; ^{74,76}Ge, ^{76,78}Se(^{3}He, d), E=73 MeV; measured cross sections and angular distributions. ^{73,75}Ga, ^{75,77}As, ^{77,79}Br; deduced levels, J, π, spectroscopic factors. PC B P Kay, 12/2/2008
^{75}Ge	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008LA12	NUCLEAR REACTIONS ^{70}Ge(n, 2n), (n, p), ^{72}Ge(n, p), (n, α), ^{73}Ge(n, p), ^{74}Ge(n, p), (n, α), ^{76}Ge(n, 2n), E=13.6, 14.1 MeV; measured cross sections using the activation technique. JOUR ANEND 35 2105
	2008RU04	NUCLEAR REACTIONS ^{98,100}Mo(γ, γ'), E<15 MeV; measured Eγ, Iγ, photoabsorption σ, giant resonances, angular distributions, distribution of mean branching ratios, dipole strength functions; deduced multipolarities. ^{27}Al, ^{28}Si, ^{56}Fe, ^{63}Cu, ^{70,72,73,74}Ge(n, γ), E=thermal; measured Eγ, Iγ. ^{99,101}Mo(γ, n); analyzed cross sections. ^{97}Mo(n, γ), ^{98}Mo(^{3}He, ^{3}He'γ); comparisons. JOUR PRVCA 77 064321
	2008SC03	NUCLEAR REACTIONS ^{74,76}Ge, ^{76,78}Se(d, p), E=15 MeV; ^{76}Ge, ^{76}Se(p, d), E=23 MeV; ^{74,76}Ge, ^{76,78}Se(^{3}He, α), E=26 MeV; ^{74,76}Ge, ^{76,78}Se(α, ^{3}He), E=40 MeV; measured reaction products energy spectra, cross sections. Deduced summed spectroscopic strengths, neutron vacancies. JOUR PRLTA 100 112501

A=75 *(continued)*

^{75}As	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008KAZT	NUCLEAR REACTIONS ^{74,76}Ge, ^{76,78}Se(d, ^{3}He), E=80 MeV; ^{74,76}Ge, ^{76,78}Se(^{3}He, d), E=73 MeV; measured cross sections and angular distributions. ^{73,75}Ga, ^{75,77}As, ^{77,79}Br; deduced levels, J, π, spectroscopic factors. PC B P Kay, 12/2/2008
	2008ZI03	NUCLEAR REACTIONS ^{76,77,78,80,82}Se, ^{106,110,111,112,114,116}Cd(μ^-, nν), E not given; ^{76}Se(μ^-, 2nν), E not given; measured Eγ, Iγ, capture rates, lifetimes, yields. JOUR BRSPE 72 737
^{75}Se	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008SC03	NUCLEAR REACTIONS ^{74,76}Ge, ^{76,78}Se(d, p), E=15 MeV; ^{76}Ge, ^{76}Se(p, d), E=23 MeV; ^{74,76}Ge, ^{76,78}Se(^{3}He, α), E=26 MeV; ^{74,76}Ge, ^{76,78}Se(α, ^{3}He), E=40 MeV; measured reaction products energy spectra, cross sections. Deduced summed spectroscopic strengths, neutron vacancies. JOUR PRLTA 100 112501

A=75 *(continued)*

^{75}Br	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008SI09	NUCLEAR REACTIONS ^{159}Tb(^{16}O, X), E=5.6 MeV / nucleon; measured Eγ, Iγ. ^{77}Kr, ^{84m}Y, ^{80}Sr, ^{75}Br, ^{104}Tc, ^{83}Y, ^{85}Y, ^{87m}Y, ^{81}Sr, ^{83}Sr, ^{85m}Sr, ^{74m}Br, ^{83}Kr, ^{88}Kr, ^{94}Ru, ^{102}Ag, ^{95}Ru, ^{79}Rb, ^{87}Zr, ^{110}In, ^{78}As, ^{112}Ag; deduced σ of fission like events after complete and / or incomplete fusion. Recoil-catcher technique, γ-spectroscopy. JOUR IMPEE 17 549
	2008YA08	NUCLEAR REACTIONS C(^{72}Kr, X), (^{76}Kr, X), (^{80}Kr, X), E=1.05 GeV / nucleon; measured interaction cross sections, effective matter radii. ^{63,64,65,66,67,68}Ga, ^{65,66,67,68,69,70}Ge, ^{67,68,69,70,71,72}As, ^{69,70,71,72,73}Se, ^{72,73,74,75}Br, ^{73,74,75,77,78,79,81,82,83,84,85,86,87,88,89,90}Kr; systematics. Comparison with Skyrme-Hartree-Fock-Bogoliubov calculations. JOUR PRVCA 77 034315
^{75}Kr	2008YA08	NUCLEAR REACTIONS C(^{72}Kr, X), (^{76}Kr, X), (^{80}Kr, X), E=1.05 GeV / nucleon; measured interaction cross sections, effective matter radii. ^{63,64,65,66,67,68}Ga, ^{65,66,67,68,69,70}Ge, ^{67,68,69,70,71,72}As, ^{69,70,71,72,73}Se, ^{72,73,74,75}Br, ^{73,74,75,77,78,79,81,82,83,84,85,86,87,88,89,90}Kr; systematics. Comparison with Skyrme-Hartree-Fock-Bogoliubov calculations. JOUR PRVCA 77 034315

A=76

^{76}Cu	2008WI01	RADIOACTIVITY ^{76}Cu(β^-n); ^{78}Cu(β^-); ^{79}Cu(β^-n); measured Eγ, Iγ, $\beta\gamma$-coin. ^{75,78}Zn; deduced levels. JOUR APOBB 39 525
^{76}Zn	2008HA23	ATOMIC MASSES ^{76,77,78,79,80}Zn, ^{78,79,80,81,82,83}Ga, ^{80,81,82,83,84,85}Ge, ^{81,82,83,84,85,86,87}As, ^{84,85,86,87,88,89}Se; measured mass excess using the JYFLTRAP mass spectrometer and the IGISOL facility. Deduced neutron separation energies and N=50 shell gap. JOUR PRLTA 101 052502

A=76 ***(continued)***

^{76}Ge	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008IW03	NUCLEAR REACTIONS Pb(^{76}Ge, ^{76}Ge'), (^{80}Ge, ^{80}Ge'), E=37 MeV / nucleon; measured Eγ, Iγ, σ. ^{76,80}Ge; deduced levels, J, π, B(E2). Comparison with large scale shell model calculations. JOUR PRVCA 78 021304
	2008ME06	RADIOACTIVITY ^{76}Ge(2β); measured Eγ, Iγ, assignment of γ rays to different impurities. JOUR PRVCA 77 054614
	2008RA09	RADIOACTIVITY ^{76}Ge, ^{100}Mo($2\beta^-$); measured Q values using Penning trap. JOUR PYLBB 662 111
^{76}As	2007KI17	NUCLEAR REACTIONS ^{70}Ge(p, γ), E=1.5-4.5 MeV; ^{76}Ge(p, n), E=1.5-4.5 MeV; measured Eγ, Iγ, cross sections; deduced astrophysical S-factors, reaction rates. JOUR PRVCA 76 055807
	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008BU10	NUCLEAR REACTIONS ^{71}Ga, ^{75}As, ^{164}Dy, ^{170}Er(n, γ), E=spectrum; measured Eγ, Iγ; deduced effective resonance energy using Am-Be neutron source. Comparison with calculations. JOUR ANEND 35 1433
	2008GR19	NUCLEAR REACTIONS ^{76}Se(d, ^{2}He), E=183 MeV; measured particle spectra, $\sigma(\theta)$. ^{76}As; deduced levels, J, π, B(GT), DWBA analysis. Comparison with ^{76}Se(n, p), ^{76}Ge(p, n) reactions. JOUR PRVCA 78 044301
	2008KI04	NUCLEAR REACTIONS ^{70}Ge(p, γ), E=1.6-4.4 MeV; ^{76}Ge(p, n), E=1.6-4.4 MeV; measured Eγ, Iγ, cross sections. JOUR JPGPE 35 014032

A=76 *(continued)*

	2008ZI03	NUCLEAR REACTIONS ^{76,77,78,80,82}Se, ^{106,110,111,112,114,116}Cd(μ^-, nν), E not given; ^{76}Se(μ^-, 2nν), E not given; measured Eγ, Iγ, capture rates, lifetimes, yields. JOUR BRSPE 72 737
^{76}Se	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2007ZIZX	NUCLEAR REACTIONS ^{48}Ti, Se, ^{76}Se, Kr, ^{82}Kr, Cd, ^{106}Cd, Sm, ^{150}Sm(μ, ν), E not given; measured Eγ, Iγ, X-ray energies and intensities; deduced total and partial μ capture rates, yields of radioactive daughter nuclei. CONF Prague (MEDEX'07),Proc.P91,Zinatulina
	2008RA09	RADIOACTIVITY ^{76}Ge, ^{100}Mo(2β^-); measured Q values using Penning trap. JOUR PYLBB 662 111
^{76}Br	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008GU04	NUCLEAR REACTIONS ^{75}As(^{16}O, X)^{74}As / ^{76}Br / ^{77}Br / ^{81}Rb / ^{82m}Rb / ^{85}Y / ^{85m}Y / ^{87}Y / ^{86}Zr, E=83.1-111.0 MeV; measured Eγ, Iγ, cross sections, forward recoil range distributions of evaporation residues, complete and incomplete fusion yields. Comparisons with calculations using ALICE-91 code. JOUR IMPEE 17 407
^{76}Kr	2007GO42	NUCLEAR REACTIONS ^{209}Pb(^{74}Kr, ^{74}Kr'), (^{76}Kr, ^{76}Kr'), E=4.7 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin, angular distributions. ^{74,76}Kr; deduced B(E2), static quadrupole moments, shape coexistance. JOUR ZSTNE 150 117

A=76 *(continued)*

2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609

2007YA20 NUCLEAR REACTIONS C(^{72}Kr, X), (^{76}Kr, X), (^{80}Kr, X), E < 1 GeV / nucleon; measured particle energies, yields, and interaction cross sections. ^{72,76,80}Kr; deduced effective rms matter radii. JOUR ZSTNE 150 197

2008GO23 ATOMIC MASSES ^{64}Ga, ^{64}Zn, ^{68}Se, ^{68}As, ^{68}Ge, ^{72}Se, ^{76}Rb, ^{76}Kr, ^{80}Sr, ^{80}Y; measured atomic masses using a time-of-flight technique. ^{68}Se; deduced Q value for proton capture. JOUR PRVCA 78 014311

^{76}Rb 2008GO23 ATOMIC MASSES ^{64}Ga, ^{64}Zn, ^{68}Se, ^{68}As, ^{68}Ge, ^{72}Se, ^{76}Rb, ^{76}Kr, ^{80}Sr, ^{80}Y; measured atomic masses using a time-of-flight technique. ^{68}Se; deduced Q value for proton capture. JOUR PRVCA 78 014311

A=77

^{77}Cu 2006HA62 ATOMIC MASSES ^{77,78,79}Cu, ^{83,84,85,86}Ge; measured mass excesses. Isotopes produced from ^{238}U(p, F) reaction at beam energy 42 MeV using ISOL method. Proposed technique for measuring mass differences developed at the Holifield Radioactive Ion Beam Facility (HRIBF). JOUR IMSPF 251 119

^{77}Zn 2008HA23 ATOMIC MASSES ^{76,77,78,79,80}Zn, ^{78,79,80,81,82,83}Ga, ^{80,81,82,83,84,85}Ge, ^{81,82,83,84,85,86,87}As, ^{84,85,86,87,88,89}Se; measured mass excess using the JYFLTRAP mass spectrometer and the IGISOL facility. Deduced neutron separation energies and N=50 shell gap. JOUR PRLTA 101 052502

A=77 *(continued)*

^{77}Ge	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008MA08	NUCLEAR REACTIONS ^{76}Ge(n, γ), E=spectrum; measured Eγ, Iγ, capture cross sections. Comparisons to existing data. JOUR JPGPE 35 014022
	2008SC03	NUCLEAR REACTIONS ^{74,76}Ge, ^{76,78}Se(d, p), E=15 MeV; ^{76}Ge, ^{76}Se(p, d), E=23 MeV; ^{74,76}Ge, ^{76,78}Se(^{3}He, α), E=26 MeV; ^{74,76}Ge, ^{76,78}Se(α, ^{3}He), E=40 MeV; measured reaction products energy spectra, cross sections. Deduced summed spectroscopic strengths, neutron vacancies. JOUR PRLTA 100 112501
^{77}As	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008KAZT	NUCLEAR REACTIONS ^{74,76}Ge, ^{76,78}Se(d, ^{3}He), E=80 MeV; ^{74,76}Ge, ^{76,78}Se(^{3}He, d), E=73 MeV; measured cross sections and angular distributions. ^{73,75}Ga, ^{75,77}As, ^{77,79}Br; deduced levels, J, π, spectroscopic factors. PC B P Kay, 12/2/2008
	2008ZI03	NUCLEAR REACTIONS ^{76,77,78,80,82}Se, ^{106,110,111,112,114,116}Cd(μ^-, nν), E not given; ^{76}Se(μ^-, 2nν), E not given; measured Eγ, Iγ, capture rates, lifetimes, yields. JOUR BRSPE 72 737

A=77 *(continued)*

^{77}Se	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008SC03	NUCLEAR REACTIONS ^{74,76}Ge, ^{76,78}Se(d, p), E=15 MeV; ^{76}Ge, ^{76}Se(p, d), E=23 MeV; ^{74,76}Ge, ^{76,78}Se(^{3}He, α), E=26 MeV; ^{74,76}Ge, ^{76,78}Se(α, ^{3}He), E=40 MeV; measured reaction products energy spectra, cross sections. Deduced summed spectroscopic strengths, neutron vacancies. JOUR PRLTA 100 112501
^{77}Br	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008GU04	NUCLEAR REACTIONS ^{75}As(^{16}O, X)^{74}As / ^{76}Br / ^{77}Br / ^{81}Rb / ^{82m}Rb / ^{85}Y / ^{85m}Y / ^{87}Y / ^{86}Zr, E=83.1-111.0 MeV; measured Eγ, Iγ, cross sections, forward recoil range distributions of evaporation residues, complete and incomplete fusion yields. Comparisons with calculations using ALICE-91 code. JOUR IMPEE 17 407
	2008KAZT	NUCLEAR REACTIONS ^{74,76}Ge, ^{76,78}Se(d, ^{3}He), E=80 MeV; ^{74,76}Ge, ^{76,78}Se(^{3}He, d), E=73 MeV; measured cross sections and angular distributions. ^{73,75}Ga, ^{75,77}As, ^{77,79}Br; deduced levels, J, π, spectroscopic factors. PC B P Kay, 12/2/2008

A=77 *(continued)*

^{77}Kr	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008SI09	NUCLEAR REACTIONS ^{159}Tb(^{16}O, X), E=5.6 MeV / nucleon; measured Eγ, Iγ. ^{77}Kr, ^{84m}Y, ^{80}Sr, ^{75}Br, ^{104}Tc, ^{83}Y, ^{85}Y, ^{87m}Y, ^{81}Sr, ^{83}Sr, ^{85m}Sr, ^{74m}Br, ^{83}Kr, ^{88}Kr, ^{94}Ru, ^{102}Ag, ^{95}Ru, ^{79}Rb, ^{87}Zr, ^{110}In, ^{78}As, ^{112}Ag; deduced σ of fission like events after complete and / or incomplete fusion. Recoil-catcher technique, γ-spectroscopy. JOUR IMPEE 17 549
	2008YA08	NUCLEAR REACTIONS C(^{72}Kr, X), (^{76}Kr, X), (^{80}Kr, X), E=1.05 GeV / nucleon; measured interaction cross sections, effective matter radii. ^{63,64,65,66,67,68}Ga, ^{65,66,67,68,69,70}Ge, ^{67,68,69,70,71,72}As, ^{69,70,71,72,73}Se, ^{72,73,74,75}Br, ^{73,74,75,77,78,79,81,82,83,84,85,86,87,88,89,90}Kr; systematics. Comparison with Skyrme-Hartree-Fock-Bogoliubov calculations. JOUR PRVCA 77 034315

A=78

^{78}Cu	2006HA62	ATOMIC MASSES ^{77,78,79}Cu, ^{83,84,85,86}Ge; measured mass excesses. Isotopes produced from ^{238}U(p, F) reaction at beam energy 42 MeV using ISOL method. Proposed technique for measuring mass differences developed at the Holifield Radioactive Ion Beam Facility (HRIBF). JOUR IMSPF 251 119
	2008WI01	RADIOACTIVITY ^{76}Cu(β^-n); ^{78}Cu(β^-); ^{79}Cu(β^-n); measured Eγ, Iγ, $\beta\gamma$-coin. ^{75,78}Zn; deduced levels. JOUR APOBB 39 525
^{78}Zn	2008HA23	ATOMIC MASSES ^{76,77,78,79,80}Zn, ^{78,79,80,81,82,83}Ga, ^{80,81,82,83,84,85}Ge, ^{81,82,83,84,85,86,87}As, ^{84,85,86,87,88,89}Se; measured mass excess using the JYFLTRAP mass spectrometer and the IGISOL facility. Deduced neutron separation energies and N=50 shell gap. JOUR PRLTA 101 052502
	2008VAZY	NUCLEAR REACTIONS ^{120}Sn(^{74}Zn, ^{74}Zn'), E=2.87 MeV / nucleon; ^{120}Sn(^{76}Zn, ^{76}Zn'), ^{108}Pd(^{78}Zn, ^{78}Zn'), E=2.83 MeV / nucleon; ^{108}Pd(^{80}Zn, ^{80}Zn'), E=2.79 MeV / nucleon; measured Eγ, Iγ; ^{78,80}Zn; deduced levels, B(E2); Calculated level energies, B(E2) using the Shell model. CONF Crete(FINUSTAR 2),Proc.P291,Van de Walle
	2008WI01	RADIOACTIVITY ^{76}Cu(β^-n); ^{78}Cu(β^-); ^{79}Cu(β^-n); measured Eγ, Iγ, $\beta\gamma$-coin. ^{75,78}Zn; deduced levels. JOUR APOBB 39 525

A=78 ***(continued)***

^{78}Ga	2008HA23	ATOMIC MASSES ^{76,77,78,79,80}Zn, ^{78,79,80,81,82,83}Ga, ^{80,81,82,83,84,85}Ge, ^{81,82,83,84,85,86,87}As, ^{84,85,86,87,88,89}Se; measured mass excess using the JYFLTRAP mass spectrometer and the IGISOL facility. Deduced neutron separation energies and N=50 shell gap. JOUR PRLTA 101 052502
^{78}Ge	2008SI09	NUCLEAR REACTIONS ^{169}Tm(^{16}O, X), E=5.9 MeV / nucleon; measured Eγ, Iγ. ^{107}In;^{66}Ge;^{88}Nb;^{95}Y;^{83}Se;^{99m}Tc;^{109}Sn;^{101}Tc;^{79}As;^{105}In;^{108m}Rh;^{95}Ru;^{92}Y;^{98m}Nb;^{87}Kr;^{92}Sr; deduced σ of fission like events after complete and / or incomplete fusion. Recoil-catcher technique, γ-spectroscopy. JOUR IMPEE 17 549
^{78}As	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008SI09	NUCLEAR REACTIONS ^{159}Tb(^{16}O, X), E=5.6 MeV / nucleon; measured Eγ, Iγ. ^{77}Kr, ^{84m}Y, ^{80}Sr, ^{75}Br, ^{104}Tc, ^{83}Y, ^{85}Y, ^{87m}Y, ^{81}Sr, ^{83}Sr, ^{85m}Sr, ^{74m}Br, ^{83}Kr, ^{88}Kr, ^{94}Ru, ^{102}Ag, ^{95}Ru, ^{79}Rb, ^{87}Zr, ^{110}In, ^{78}As, ^{112}Ag; deduced σ of fission like events after complete and / or incomplete fusion. Recoil-catcher technique, γ-spectroscopy. JOUR IMPEE 17 549
^{78}Se	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008HE10	NUCLEAR REACTIONS ^{79,81}Br, ^{85,87}Rb(n, γ), E=0-120 keV; measured Eγ, Iγ, σ. ^{78,80,82}Se, ^{79,81}Br, ^{80,82,83,84,86}Kr; ^{85,87}Rb, ^{86,87,88}Sr, ^{89}Y, ^{90}Zr; deduced total s-process abundances. JOUR PRVCA 78 025802

A=78 *(continued)*

^{78}Br	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
^{78}Kr	2006RI15	ATOMIC MASSES ^{78,80,82,83,84}Kr; measured masses using the LEBIT Penning trap mass spectrometer. Comparison with 2003 mass evaluation. JOUR IMSPF 251 300
	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008YA08	NUCLEAR REACTIONS C(^{72}Kr, X), (^{76}Kr, X), (^{80}Kr, X), E=1.05 GeV / nucleon; measured interaction cross sections, effective matter radii. ^{63,64,65,66,67,68}Ga, ^{65,66,67,68,69,70}Ge, ^{67,68,69,70,71,72}As, ^{69,70,71,72,73}Se, ^{72,73,74,75}Br, ^{73,74,75,77,78,79,81,82,83,84,85,86,87,88,89,90}Kr; systematics. Comparison with Skyrme-Hartree-Fock-Bogoliubov calculations. JOUR PRVCA 77 034315
^{78}Sr	2007NA37	RADIOACTIVITY ^{78}Y(β^+) [from ^{40}Ca(^{40}Ca, np), E=118, 121 MeV]; measured Eγ, Iγ, $\gamma\gamma$, $\beta\gamma$-coin. ^{78}Y deduced levels. JOUR ZSTNE 150 147
^{78}Y	2007NA37	RADIOACTIVITY ^{78}Y(β^+) [from ^{40}Ca(^{40}Ca, np), E=118, 121 MeV]; measured Eγ, Iγ, $\gamma\gamma$, $\beta\gamma$-coin. ^{78}Y deduced levels. JOUR ZSTNE 150 147

A=79

^{79}Cu	2006HA62	ATOMIC MASSES ^{77,78,79}Cu, ^{83,84,85,86}Ge; measured mass excesses. Isotopes produced from ^{238}U(p, F) reaction at beam energy 42 MeV using ISOL method. Proposed technique for measuring mass differences developed at the Holifield Radioactive Ion Beam Facility (HRIBF). JOUR IMSPF 251 119
	2008WI01	RADIOACTIVITY ^{76}Cu(β^-n); ^{78}Cu(β^-); ^{79}Cu(β^-n); measured Eγ, Iγ, $\beta\gamma$-coin. ^{75,78}Zn; deduced levels. JOUR APOBB 39 525
^{79}Zn	2008HA23	ATOMIC MASSES ^{76,77,78,79,80}Zn, ^{78,79,80,81,82,83}Ga, ^{80,81,82,83,84,85}Ge, ^{81,82,83,84,85,86,87}As, ^{84,85,86,87,88,89}Se; measured mass excess using the JYFLTRAP mass spectrometer and the IGISOL facility. Deduced neutron separation energies and N=50 shell gap. JOUR PRLTA 101 052502
^{79}Ga	2008HA23	ATOMIC MASSES ^{76,77,78,79,80}Zn, ^{78,79,80,81,82,83}Ga, ^{80,81,82,83,84,85}Ge, ^{81,82,83,84,85,86,87}As, ^{84,85,86,87,88,89}Se; measured mass excess using the JYFLTRAP mass spectrometer and the IGISOL facility. Deduced neutron separation energies and N=50 shell gap. JOUR PRLTA 101 052502
^{79}As	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008SI09	NUCLEAR REACTIONS ^{169}Tm(^{16}O, X), E=5.9 MeV / nucleon; measured Eγ, Iγ. ^{107}In;^{66}Ge;^{88}Nb;^{95}Y;^{83}Se;^{99m}Tc;^{109}Sn;^{101}Tc;^{79}As;^{105}In;^{108m}Rh;^{95}Ru;^{92}Y;^{98m}Nb;^{87}Kr;^{92}Sr; deduced σ of fission like events after complete and / or incomplete fusion. Recoil-catcher technique, γ-spectroscopy. JOUR IMPEE 17 549
	2008ZI03	NUCLEAR REACTIONS ^{76,77,78,80,82}Se, ^{106,110,111,112,114,116}Cd(μ^-, nν), E not given; ^{76}Se(μ^-, 2nν), E not given; measured Eγ, Iγ, capture rates, lifetimes, yields. JOUR BRSPE 72 737

A=79 *(continued)*

^{79}Se	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008FU08	NUCLEAR REACTIONS ^{27}Al, ^{28}Si, ^{29}Si, ^{41}K, ^{51}V, ^{61}Ni, ^{65}Cu, ^{64,67}Zn, ^{69}Ga, ^{79}Br, ^{92}Mo(n, p), E=3.5-5.9 MeV; ^{69}Ga, ^{93}Nb(n, α), E=3.5-5.9 MeV; measured Eγ, Iγ, cross sections using the activation technique. JOUR ANEND 35 1652
	2008MAZS	NUCLEAR REACTIONS ^{80}Se(γ, n), E < 20 MeV; measured neutron spectra, cross sections. CONF Sapporo(OMEG07),P134,Makinaga
	2008SC03	NUCLEAR REACTIONS ^{74,76}Ge, ^{76,78}Se(d, p), E=15 MeV; ^{76}Ge, ^{76}Se(p, d), E=23 MeV; ^{74,76}Ge, ^{76,78}Se(^{3}He, α), E=26 MeV; ^{74,76}Ge, ^{76,78}Se(α, ^{3}He), E=40 MeV; measured reaction products energy spectra, cross sections. Deduced summed spectroscopic strengths, neutron vacancies. JOUR PRLTA 100 112501
^{79}Br	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008HE10	NUCLEAR REACTIONS ^{79,81}Br, ^{85,87}Rb(n, γ), E=0-120 keV; measured Eγ, Iγ, σ. ^{78,80,82}Se, ^{79,81}Br, ^{80,82,83,84,86}Kr; ^{85,87}Rb, ^{86,87,88}Sr, ^{89}Y, ^{90}Zr; deduced total s-process abundances. JOUR PRVCA 78 025802
	2008KAZT	NUCLEAR REACTIONS ^{74,76}Ge, ^{76,78}Se(d, ^{3}He), E=80 MeV; ^{74,76}Ge, ^{76,78}Se(^{3}He, d), E=73 MeV; measured cross sections and angular distributions. ^{73,75}Ga, ^{75,77}As, ^{77,79}Br; deduced levels, J, π, spectroscopic factors. PC B P Kay, 12/2/2008

A=79 *(continued)*

^{79}Kr	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008SI05	NUCLEAR REACTIONS ^{74}Ge(^{16}O, 4n), (^{16}O, 2np), (^{16}O, 3np), (^{16}O, 4np), (^{16}O, nα), (^{16}O, 3nα), (^{16}O, 2npα), (^{16}O, 3npα), (^{16}O, 3n2α), E=60.2-111.6 MeV; measured Eγ, Iγ, cross sections using stacked foil activation. JOUR CJOPA 46 27
	2008YA08	NUCLEAR REACTIONS C(^{72}Kr, X), (^{76}Kr, X), (^{80}Kr, X), E=1.05 GeV / nucleon; measured interaction cross sections, effective matter radii. ^{63,64,65,66,67,68}Ga, ^{65,66,67,68,69,70}Ge, ^{67,68,69,70,71,72}As, ^{69,70,71,72,73}Se, ^{72,73,74,75}Br, ^{73,74,75,77,78,79,81,82,83,84,85,86,87,88,89,90}Kr; systematics. Comparison with Skyrme-Hartree-Fock-Bogoliubov calculations. JOUR PRVCA 77 034315
^{79}Rb	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

A=79 *(continued)*

2008SI09 NUCLEAR REACTIONS ^{159}Tb(^{16}O, X), E=5.6 MeV / nucleon; measured Eγ, Iγ. ^{77}Kr, ^{84m}Y, ^{80}Sr, ^{75}Br, ^{104}Tc, ^{83}Y, ^{85}Y, ^{87m}Y, ^{81}Sr, ^{83}Sr, ^{85m}Sr, ^{74m}Br, ^{83}Kr, ^{88}Kr, ^{94}Ru, ^{102}Ag, ^{95}Ru, ^{79}Rb, ^{87}Zr, ^{110}In, ^{78}As, ^{112}Ag; deduced σ of fission like events after complete and / or incomplete fusion. Recoil-catcher technique, γ-spectroscopy. JOUR IMPEE 17 549

A=80

^{80}Zn 2007VE08 RADIOACTIVITY ^{81}Zn, ^{81}Ga, ^{81}Ge, ^{81}As (β^-) [from U(d, F), E=26 MeV]; ^{81}Zn, ^{81}Ga (β^-n); measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin, half-lives. ^{81}Ga; deduced levels, J, π, configurations. ^{81}Ga, ^{83}As; calculated levels, J, π, configurations. ^{80}Zn, ^{81}Ga, ^{82}Ge, ^{83}As, ^{84}Se, ^{85}Br, ^{86}Kr, ^{87}Rb; systematics. JOUR PRVCA 76 054312

2008HA23 ATOMIC MASSES ^{76,77,78,79,80}Zn, ^{78,79,80,81,82,83}Ga, ^{80,81,82,83,84,85}Ge, ^{81,82,83,84,85,86,87}As, ^{84,85,86,87,88,89}Se; measured mass excess using the JYFLTRAP mass spectrometer and the IGISOL facility. Deduced neutron separation energies and N=50 shell gap. JOUR PRLTA 101 052502

2008VAZY NUCLEAR REACTIONS ^{120}Sn(^{74}Zn, ^{74}Zn'), E=2.87 MeV / nucleon; ^{120}Sn(^{76}Zn, ^{76}Zn'), ^{108}Pd(^{78}Zn, ^{78}Zn'), E=2.83 MeV / nucleon; ^{108}Pd(^{80}Zn, ^{80}Zn'), E=2.79 MeV / nucleon; measured Eγ, Iγ; ^{78,80}Zn; deduced levels, B(E2); Calculated level energies, B(E2) using the Shell model. CONF Crete(FINUSTAR 2),Proc.P291,Van de Walle

^{80}Ga 2008HA23 ATOMIC MASSES ^{76,77,78,79,80}Zn, ^{78,79,80,81,82,83}Ga, ^{80,81,82,83,84,85}Ge, ^{81,82,83,84,85,86,87}As, ^{84,85,86,87,88,89}Se; measured mass excess using the JYFLTRAP mass spectrometer and the IGISOL facility. Deduced neutron separation energies and N=50 shell gap. JOUR PRLTA 101 052502

^{80}Ge 2008HA23 ATOMIC MASSES ^{76,77,78,79,80}Zn, ^{78,79,80,81,82,83}Ga, ^{80,81,82,83,84,85}Ge, ^{81,82,83,84,85,86,87}As, ^{84,85,86,87,88,89}Se; measured mass excess using the JYFLTRAP mass spectrometer and the IGISOL facility. Deduced neutron separation energies and N=50 shell gap. JOUR PRLTA 101 052502

2008IW03 NUCLEAR REACTIONS Pb(^{76}Ge, ^{76}Ge'), (^{80}Ge, ^{80}Ge'), E=37 MeV / nucleon; measured Eγ, Iγ, σ. ^{76,80}Ge; deduced levels, J, π, B(E2). Comparison with large scale shell model calculations. JOUR PRVCA 78 021304

^{80}As 2007BO50 ATOMIC MASSES ^{80}As, ^{81}Se; measured masses a penning trap mass spectrometer. JOUR ZSTNE 150 337

A=80 *(continued)*

	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
^{80}Se	2007JO14	NUCLEAR REACTIONS ^{192}Os(^{82}Se, X), E=460 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{80,82}Se; deduced levels, J, π, configurations. JOUR PRVCA 76 054317
	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008HE10	NUCLEAR REACTIONS ^{79,81}Br, ^{85,87}Rb(n, γ), E=0-120 keV; measured Eγ, Iγ, σ. ^{78,80,82}Se, ^{79,81}Br, ^{80,82,83,84,86}Kr; ^{85,87}Rb, ^{86,87,88}Sr, ^{89}Y, ^{90}Zr; deduced total s-process abundances. JOUR PRVCA 78 025802
^{80}Br	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609

A=80 ***(continued)***

	2008DO08	NUCLEAR REACTIONS ^{79,81}Br(n, γ), E not given; measured Eγ, Iγ, cross sections; deduced resonance integrals. JOUR NSENA 159 199
	2008HE10	NUCLEAR REACTIONS ^{79,81}Br, ^{85,87}Rb(n, γ), E=0-120 keV; measured Eγ, Iγ, σ. ^{78,80,82}Se, ^{79,81}Br, ^{80,82,83,84,86}Kr; ^{85,87}Rb, ^{86,87,88}Sr, ^{89}Y, ^{90}Zr; deduced total s-process abundances. JOUR PRVCA 78 025802
^{80}Kr	2006RI15	ATOMIC MASSES ^{78,80,82,83,84}Kr; measured masses using the LEBIT Penning trap mass spectrometer. Comparison with 2003 mass evaluation. JOUR IMSPF 251 300
	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2007YA20	NUCLEAR REACTIONS C(^{72}Kr, X), (^{76}Kr, X), (^{80}Kr, X), E < 1 GeV / nucleon; measured particle energies, yields, and interaction cross sections. ^{72,76,80}Kr; deduced effective rms matter radii. JOUR ZSTNE 150 197
	2008HE10	NUCLEAR REACTIONS ^{79,81}Br, ^{85,87}Rb(n, γ), E=0-120 keV; measured Eγ, Iγ, σ. ^{78,80,82}Se, ^{79,81}Br, ^{80,82,83,84,86}Kr; ^{85,87}Rb, ^{86,87,88}Sr, ^{89}Y, ^{90}Zr; deduced total s-process abundances. JOUR PRVCA 78 025802

A=80 *(continued)*

^{80}Rb	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
^{80}Sr	2008GO23	ATOMIC MASSES ^{64}Ga, ^{64}Zn, ^{68}Se, ^{68}As, ^{68}Ge, ^{72}Se, ^{76}Rb, ^{76}Kr, ^{80}Sr, ^{80}Y; measured atomic masses using a time-of-flight technique. ^{68}Se; deduced Q value for proton capture. JOUR PRVCA 78 014311
	2008HUZY	NUCLEAR REACTIONS ^{64}Zn(^{16}O, ^{16}O'), E(cm)≈24-36 MeV; measured quasielastic excitation function; deduced barrier distribution; ^{64}Zn(^{16}O, ^{16}O), E(cm)≈24-36 MeV; measured elastic scattering $\sigma(\theta)$; ^{64}Zn(^{16}O, γ), E(cm)≈30-55 MeV; measured σ; compared results to coupled channel calculations. CONF Crete(FINUSTAR 2),Proc.P203,Huiza
	2008KA32	NUCLEAR REACTIONS ^{54}Fe(^{28}Si, 2p), E=90 MeV; ^{58}Ni(^{28}Si, 2pα), E=110 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, polarization, multipolarities, mixing ratios, angular correlation, polarization. ^{80}Sr; deduced levels, J, π, bands. JOUR PRVCA 78 037303
	2008SI09	NUCLEAR REACTIONS ^{159}Tb(^{16}O, X), E=5.6 MeV / nucleon; measured Eγ, Iγ. ^{77}Kr, ^{84m}Y, ^{80}Sr, ^{75}Br, ^{104}Tc, ^{83}Y, ^{85}Y, ^{87m}Y, ^{81}Sr, ^{83}Sr, ^{85m}Sr, ^{74m}Br, ^{83}Kr, ^{88}Kr, ^{94}Ru, ^{102}Ag, ^{95}Ru, ^{79}Rb, ^{87}Zr, ^{110}In, ^{78}As, ^{112}Ag; deduced σ of fission like events after complete and / or incomplete fusion. Recoil-catcher technique, γ-spectroscopy. JOUR IMPEE 17 549
^{80}Y	2008GO23	ATOMIC MASSES ^{64}Ga, ^{64}Zn, ^{68}Se, ^{68}As, ^{68}Ge, ^{72}Se, ^{76}Rb, ^{76}Kr, ^{80}Sr, ^{80}Y; measured atomic masses using a time-of-flight technique. ^{68}Se; deduced Q value for proton capture. JOUR PRVCA 78 014311

A=81

^{81}Zn	2007VE08	RADIOACTIVITY ^{81}Zn, ^{81}Ga, ^{81}Ge, ^{81}As (β^-) [from U(d, F), E=26 MeV]; ^{81}Zn, ^{81}Ga (β^-n); measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin, half-lives. ^{81}Ga; deduced levels, J, π, configurations. ^{81}Ga, ^{83}As; calculated levels, J, π, configurations. ^{80}Zn, ^{81}Ga, ^{82}Ge, ^{83}As, ^{84}Se, ^{85}Br, ^{86}Kr, ^{87}Rb; systematics. JOUR PRVCA 76 054312
^{81}Ga	2007VE08	RADIOACTIVITY ^{81}Zn, ^{81}Ga, ^{81}Ge, ^{81}As (β^-) [from U(d, F), E=26 MeV]; ^{81}Zn, ^{81}Ga (β^-n); measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin, half-lives. ^{81}Ga; deduced levels, J, π, configurations. ^{81}Ga, ^{83}As; calculated levels, J, π, configurations. ^{80}Zn, ^{81}Ga, ^{82}Ge, ^{83}As, ^{84}Se, ^{85}Br, ^{86}Kr, ^{87}Rb; systematics. JOUR PRVCA 76 054312
	2008HA23	ATOMIC MASSES ^{76,77,78,79,80}Zn, ^{78,79,80,81,82,83}Ga, ^{80,81,82,83,84,85}Ge, ^{81,82,83,84,85,86,87}As, ^{84,85,86,87,88,89}Se; measured mass excess using the JYFLTRAP mass spectrometer and the IGISOL facility. Deduced neutron separation energies and N=50 shell gap. JOUR PRLTA 101 052502
	2008SAZY	NUCLEAR REACTIONS ^{238}U(^{82}Se, ^{84}Se), (^{82}Se, ^{82}Ge), (^{82}Se, ^{83}As), (^{82}Se, ^{81}Ga), E=505, 515 MeV; measured Eγ, Iγ, γ asymmetry; ^{81}Ga, ^{82}Ge, ^{83}As, ^{84}Se; deduced levels, J, π. CONF Crete(FINUSTAR 2),Proc.P139,Sahin
^{81}Ge	2007VE08	RADIOACTIVITY ^{81}Zn, ^{81}Ga, ^{81}Ge, ^{81}As (β^-) [from U(d, F), E=26 MeV]; ^{81}Zn, ^{81}Ga (β^-n); measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin, half-lives. ^{81}Ga; deduced levels, J, π, configurations. ^{81}Ga, ^{83}As; calculated levels, J, π, configurations. ^{80}Zn, ^{81}Ga, ^{82}Ge, ^{83}As, ^{84}Se, ^{85}Br, ^{86}Kr, ^{87}Rb; systematics. JOUR PRVCA 76 054312
	2008HA23	ATOMIC MASSES ^{76,77,78,79,80}Zn, ^{78,79,80,81,82,83}Ga, ^{80,81,82,83,84,85}Ge, ^{81,82,83,84,85,86,87}As, ^{84,85,86,87,88,89}Se; measured mass excess using the JYFLTRAP mass spectrometer and the IGISOL facility. Deduced neutron separation energies and N=50 shell gap. JOUR PRLTA 101 052502
^{81}As	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2007VE08	RADIOACTIVITY ^{81}Zn, ^{81}Ga, ^{81}Ge, ^{81}As (β^-) [from U(d, F), E=26 MeV]; ^{81}Zn, ^{81}Ga (β^-n); measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin, half-lives. ^{81}Ga; deduced levels, J, π, configurations. ^{81}Ga, ^{83}As; calculated levels, J, π, configurations. ^{80}Zn, ^{81}Ga, ^{82}Ge, ^{83}As, ^{84}Se, ^{85}Br, ^{86}Kr, ^{87}Rb; systematics. JOUR PRVCA 76 054312

A=81 ***(continued)***

	2008HA23	ATOMIC MASSES ^{76,77,78,79,80}Zn, ^{78,79,80,81,82,83}Ga, ^{80,81,82,83,84,85}Ge, ^{81,82,83,84,85,86,87}As, ^{84,85,86,87,88,89}Se; measured mass excess using the JYFLTRAP mass spectrometer and the IGISOL facility. Deduced neutron separation energies and N=50 shell gap. JOUR PRLTA 101 052502
	2008ZI03	NUCLEAR REACTIONS ^{76,77,78,80,82}Se, ^{106,110,111,112,114,116}Cd(μ^-, nν), E not given; ^{76}Se(μ^-, 2nν), E not given; measured Eγ, Iγ, capture rates, lifetimes, yields. JOUR BRSPE 72 737
^{81}Se	2007BO50	ATOMIC MASSES ^{80}As, ^{81}Se; measured masses a penning trap mass spectrometer. JOUR ZSTNE 150 337
	2007LU18	NUCLEAR REACTIONS ^{175}Lu, ^{198}Pt, ^{82}Se(n, 2n), E=13.5-14.6 MeV; measured Eγ, Iγ; deduced cross sections, isomeric cross section ratios. ^{93}Nb(n, 2n), E=13.5-14.6 MeV; compared cross sections. Comparisons with nuclear model calculations using the HFTT code. JOUR NIMBE 265 453
	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008NA01	NUCLEAR REACTIONS ^{80}Se(n, γ), E=thermal; measured Eγ, Iγ, thermal neutron capture cross sections to the ground and isomeric states using stacked foil activation. JOUR JNSTA 45 116
^{81}Br	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609

A=81 *(continued)*

	2008HE10	NUCLEAR REACTIONS ^{79,81}Br, ^{85,87}Rb(n, γ), E=0-120 keV; measured Eγ, Iγ, σ. ^{78,80,82}Se, ^{79,81}Br, ^{80,82,83,84,86}Kr; ^{85,87}Rb, ^{86,87,88}Sr, ^{89}Y, ^{90}Zr; deduced total s-process abundances. JOUR PRVCA 78 025802
^{81}Kr	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008YA08	NUCLEAR REACTIONS C(^{72}Kr, X), (^{76}Kr, X), (^{80}Kr, X), E=1.05 GeV / nucleon; measured interaction cross sections, effective matter radii. ^{63,64,65,66,67,68}Ga, ^{65,66,67,68,69,70}Ge, ^{67,68,69,70,71,72}As, ^{69,70,71,72,73}Se, ^{72,73,74,75}Br, ^{73,74,75,77,78,79,81,82,83,84,85,86,87,88,89,90}Kr; systematics. Comparison with Skyrme-Hartree-Fock-Bogoliubov calculations. JOUR PRVCA 77 034315
^{81}Rb	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

A=81 *(continued)*

	2008GU04	NUCLEAR REACTIONS ^{75}As(^{16}O, X)^{74}As / ^{76}Br / ^{77}Br / ^{81}Rb / ^{82m}Rb / ^{85}Y / ^{85m}Y / ^{87}Y / ^{86}Zr, E=83.1-111.0 MeV; measured Eγ, Iγ, cross sections, forward recoil range distributions of evaporation residues, complete and incomplete fusion yields. Comparisons with calculations using ALICE-91 code. JOUR IMPEE 17 407
^{81}Sr	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008SI09	NUCLEAR REACTIONS ^{159}Tb(^{16}O, X), E=5.6 MeV / nucleon; measured Eγ, Iγ. ^{77}Kr, ^{84m}Y, ^{80}Sr, ^{75}Br, ^{104}Tc, ^{83}Y, ^{85}Y, ^{87m}Y, ^{81}Sr, ^{83}Sr, ^{85m}Sr, ^{74m}Br, ^{83}Kr, ^{88}Kr, ^{94}Ru, ^{102}Ag, ^{95}Ru, ^{79}Rb, ^{87}Zr, ^{110}In, ^{78}As, ^{112}Ag; deduced σ of fission like events after complete and / or incomplete fusion. Recoil-catcher technique, γ-spectroscopy. JOUR IMPEE 17 549

A=82

^{82}Ga	2008HA23	ATOMIC MASSES ^{76,77,78,79,80}Zn, ^{78,79,80,81,82,83}Ga, ^{80,81,82,83,84,85}Ge, ^{81,82,83,84,85,86,87}As, ^{84,85,86,87,88,89}Se; measured mass excess using the JYFLTRAP mass spectrometer and the IGISOL facility. Deduced neutron separation energies and N=50 shell gap. JOUR PRLTA 101 052502
^{82}Ge	2007VE08	RADIOACTIVITY ^{81}Zn, ^{81}Ga, ^{81}Ge, ^{81}As (β^-) [from U(d, F), E=26 MeV]; ^{81}Zn, ^{81}Ga (β^-n); measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin, half-lives. ^{81}Ga; deduced levels, J, π, configurations. ^{81}Ga, ^{83}As; calculated levels, J, π, configurations. ^{80}Zn, ^{81}Ga, ^{82}Ge, ^{83}As, ^{84}Se, ^{85}Br, ^{86}Kr, ^{87}Rb; systematics. JOUR PRVCA 76 054312

A=82 ***(continued)***

	2008HA23	ATOMIC MASSES ^{76,77,78,79,80}Zn, ^{78,79,80,81,82,83}Ga, ^{80,81,82,83,84,85}Ge, ^{81,82,83,84,85,86,87}As, ^{84,85,86,87,88,89}Se; measured mass excess using the JYFLTRAP mass spectrometer and the IGISOL facility. Deduced neutron separation energies and N=50 shell gap. JOUR PRLTA 101 052502
	2008SAZY	NUCLEAR REACTIONS ^{238}U(^{82}Se, ^{84}Se), (^{82}Se, ^{82}Ge), (^{82}Se, ^{83}As), (^{82}Se, ^{81}Ga), E=505, 515 MeV; measured Eγ, Iγ, γ asymmetry; ^{81}Ga, ^{82}Ge, ^{83}As, ^{84}Se; deduced levels, J, π. CONF Crete(FINUSTAR 2),Proc.P139,Sahin
^{82}As	2008HA23	ATOMIC MASSES ^{76,77,78,79,80}Zn, ^{78,79,80,81,82,83}Ga, ^{80,81,82,83,84,85}Ge, ^{81,82,83,84,85,86,87}As, ^{84,85,86,87,88,89}Se; measured mass excess using the JYFLTRAP mass spectrometer and the IGISOL facility. Deduced neutron separation energies and N=50 shell gap. JOUR PRLTA 101 052502
^{82}Se	2007JO14	NUCLEAR REACTIONS ^{192}Os(^{82}Se, X), E=460 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{80,82}Se; deduced levels, J, π, configurations. JOUR PRVCA 76 054317
	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008HE10	NUCLEAR REACTIONS ^{79,81}Br, ^{85,87}Rb(n, γ), E=0-120 keV; measured Eγ, Iγ, σ. ^{78,80,82}Se, ^{79,81}Br, ^{80,82,83,84,86}Kr; ^{85,87}Rb, ^{86,87,88}Sr, ^{89}Y, ^{90}Zr; deduced total s-process abundances. JOUR PRVCA 78 025802
^{82}Br	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609

A=82 *(continued)*

	2008DO08	NUCLEAR REACTIONS ^{79,81}Br(n, γ), E not given; measured Eγ, Iγ, cross sections; deduced resonance integrals. JOUR NSENA 159 199
	2008HE10	NUCLEAR REACTIONS ^{79,81}Br, ^{85,87}Rb(n, γ), E=0-120 keV; measured Eγ, Iγ, σ. ^{78,80,82}Se, ^{79,81}Br, ^{80,82,83,84,86}Kr; ^{85,87}Rb, ^{86,87,88}Sr, ^{89}Y, ^{90}Zr; deduced total s-process abundances. JOUR PRVCA 78 025802
^{82}Kr	2006RI15	ATOMIC MASSES ^{78,80,82,83,84}Kr; measured masses using the LEBIT Penning trap mass spectrometer. Comparison with 2003 mass evaluation. JOUR IMSPF 251 300
	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2007ZIZX	NUCLEAR REACTIONS ^{48}Ti, Se, ^{76}Se, Kr, ^{82}Kr, Cd, ^{106}Cd, Sm, ^{150}Sm(μ, ν), E not given; measured Eγ, Iγ, X-ray energies and intensities; deduced total and partial μ capture rates, yields of radioactive daughter nuclei. CONF Prague (MEDEX'07),Proc.P91,Zinatulina
	2008HE10	NUCLEAR REACTIONS ^{79,81}Br, ^{85,87}Rb(n, γ), E=0-120 keV; measured Eγ, Iγ, σ. ^{78,80,82}Se, ^{79,81}Br, ^{80,82,83,84,86}Kr; ^{85,87}Rb, ^{86,87,88}Sr, ^{89}Y, ^{90}Zr; deduced total s-process abundances. JOUR PRVCA 78 025802
	2008YA08	NUCLEAR REACTIONS C(^{72}Kr, X), (^{76}Kr, X), (^{80}Kr, X), E=1.05 GeV / nucleon; measured interaction cross sections, effective matter radii. ^{63,64,65,66,67,68}Ga, ^{65,66,67,68,69,70}Ge, ^{67,68,69,70,71,72}As, ^{69,70,71,72,73}Se, ^{72,73,74,75}Br, ^{73,74,75,77,78,79,81,82,83,84,85,86,87,88,89,90}Kr; systematics. Comparison with Skyrme-Hartree-Fock-Bogoliubov calculations. JOUR PRVCA 77 034315

A=82 *(continued)*

^{82}Rb	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008GU04	NUCLEAR REACTIONS ^{75}As(^{16}O, X)^{74}As / ^{76}Br / ^{77}Br / ^{81}Rb / ^{82m}Rb / ^{85}Y / ^{85m}Y / ^{87}Y / ^{86}Zr, E=83.1-111.0 MeV; measured Eγ, Iγ, cross sections, forward recoil range distributions of evaporation residues, complete and incomplete fusion yields. Comparisons with calculations using ALICE-91 code. JOUR IMPEE 17 407
	2008SI05	NUCLEAR REACTIONS ^{74}Ge(^{16}O, 4n), (^{16}O, 2np), (^{16}O, 3np), (^{16}O, 4np), (^{16}O, nα), (^{16}O, 3nα), (^{16}O, 2npα), (^{16}O, 3npα), (^{16}O, 3n2α), E=60.2-111.6 MeV; measured Eγ, Iγ, cross sections using stacked foil activation. JOUR CJOPA 46 27

A=82 *(continued)*

^{82}Sr	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008YU04	NUCLEAR REACTIONS ^{58}Ni(^{28}Si, 4p), E=110 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{82}Sr; deduced g-factors for positive parity rotational states. Transient magnetic field ion implantation perturbed angular distribution method. JOUR CPLEE 25 3617
^{82}Nb	2008GA04	NUCLEAR REACTIONS ^{9}Be(^{107}Ag, X)^{82}Nb / ^{86}Tc, E=750 MeV / nucleon; measured fragment and delayed γ spectra, (fragment)γ-coin. ^{82}Nb, ^{86}Tc deduced level energies, J, π, $T_{1/2}$, conversion coefficients. Deformation and K hindrance discussed. JOUR PYLBB 660 326

A=83

^{83}Ga	2008HA23	ATOMIC MASSES ^{76,77,78,79,80}Zn, ^{78,79,80,81,82,83}Ga, ^{80,81,82,83,84,85}Ge, ^{81,82,83,84,85,86,87}As, ^{84,85,86,87,88,89}Se; measured mass excess using the JYFLTRAP mass spectrometer and the IGISOL facility. Deduced neutron separation energies and N=50 shell gap. JOUR PRLTA 101 052502
^{83}Ge	2006HA62	ATOMIC MASSES ^{77,78,79}Cu, ^{83,84,85,86}Ge; measured mass excesses. Isotopes produced from ^{238}U(p, F) reaction at beam energy 42 MeV using ISOL method. Proposed technique for measuring mass differences developed at the Holifield Radioactive Ion Beam Facility (HRIBF). JOUR IMSPF 251 119
	2008HA23	ATOMIC MASSES ^{76,77,78,79,80}Zn, ^{78,79,80,81,82,83}Ga, ^{80,81,82,83,84,85}Ge, ^{81,82,83,84,85,86,87}As, ^{84,85,86,87,88,89}Se; measured mass excess using the JYFLTRAP mass spectrometer and the IGISOL facility. Deduced neutron separation energies and N=50 shell gap. JOUR PRLTA 101 052502

A=83 *(continued)*

^{83}As	2007VE08	RADIOACTIVITY ^{81}Zn, ^{81}Ga, ^{81}Ge, ^{81}As (β^-) [from U(d, F), E=26 MeV]; ^{81}Zn, ^{81}Ga (β^-n); measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin, half-lives. ^{81}Ga; deduced levels, J, π, configurations. ^{81}Ga, ^{83}As; calculated levels, J, π, configurations. ^{80}Zn, ^{81}Ga, ^{82}Ge, ^{83}As, ^{84}Se, ^{85}Br, ^{86}Kr, ^{87}Rb; systematics. JOUR PRVCA 76 054312
	2008HA23	ATOMIC MASSES ^{76,77,78,79,80}Zn, ^{78,79,80,81,82,83}Ga, ^{80,81,82,83,84,85}Ge, ^{81,82,83,84,85,86,87}As, ^{84,85,86,87,88,89}Se; measured mass excess using the JYFLTRAP mass spectrometer and the IGISOL facility. Deduced neutron separation energies and N=50 shell gap. JOUR PRLTA 101 052502
	2008SAZY	NUCLEAR REACTIONS ^{238}U(^{82}Se, ^{84}Se), (^{82}Se, ^{82}Ge), (^{82}Se, ^{83}As), (^{82}Se, ^{81}Ga), E=505, 515 MeV; measured Eγ, Iγ, γ asymmetry; ^{81}Ga, ^{82}Ge, ^{83}As, ^{84}Se; deduced levels, J, π. CONF Crete(FINUSTAR 2),Proc.P139,Sahin
^{83}Se	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008SI09	NUCLEAR REACTIONS ^{169}Tm(^{16}O, X), E=5.9 MeV / nucleon; measured Eγ, Iγ. ^{107}In;^{66}Ge;^{88}Nb;^{95}Y;^{83}Se;^{99m}Tc;^{109}Sn;^{101}Tc;^{79}As;^{105}In;^{108m}Rh;^{95}Ru;^{92}Y;^{98m}Nb;^{87}Kr;^{92}Sr; deduced σ of fission like events after complete and / or incomplete fusion. Recoil-catcher technique, γ-spectroscopy. JOUR IMPEE 17 549
^{83}Br	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609

A=83 *(continued)*

^{83}Kr	2006RI15	ATOMIC MASSES ^{78,80,82,83,84}Kr; measured masses using the LEBIT Penning trap mass spectrometer. Comparison with 2003 mass evaluation. JOUR IMSPF 251 300
	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008HE10	NUCLEAR REACTIONS ^{79,81}Br, ^{85,87}Rb(n, γ), E=0-120 keV; measured Eγ, Iγ, σ. ^{78,80,82}Se, ^{79,81}Br, ^{80,82,83,84,86}Kr; ^{85,87}Rb, ^{86,87,88}Sr, ^{89}Y, ^{90}Zr; deduced total s-process abundances. JOUR PRVCA 78 025802
	2008SI09	NUCLEAR REACTIONS ^{159}Tb(^{16}O, X), E=5.6 MeV / nucleon; measured Eγ, Iγ. ^{77}Kr, ^{84m}Y, ^{80}Sr, ^{75}Br, ^{104}Tc, ^{83}Y, ^{85}Y, ^{87m}Y, ^{81}Sr, ^{83}Sr, ^{85m}Sr, ^{74m}Br, ^{83}Kr, ^{88}Kr, ^{94}Ru, ^{102}Ag, ^{95}Ru, ^{79}Rb, ^{87}Zr, ^{110}In, ^{78}As, ^{112}Ag; deduced σ of fission like events after complete and / or incomplete fusion. Recoil-catcher technique, γ-spectroscopy. JOUR IMPEE 17 549
	2008YA08	NUCLEAR REACTIONS C(^{72}Kr, X), (^{76}Kr, X), (^{80}Kr, X), E=1.05 GeV / nucleon; measured interaction cross sections, effective matter radii. ^{63,64,65,66,67,68}Ga, ^{65,66,67,68,69,70}Ge, ^{67,68,69,70,71,72}As, ^{69,70,71,72,73}Se, ^{72,73,74,75}Br, ^{73,74,75,77,78,79,81,82,83,84,85,86,87,88,89,90}Kr; systematics. Comparison with Skyrme-Hartree-Fock-Bogoliubov calculations. JOUR PRVCA 77 034315

A=83 ***(continued)***

^{83}Rb	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008SI05	NUCLEAR REACTIONS ^{74}Ge(^{16}O, 4n), (^{16}O, 2np), (^{16}O, 3np), (^{16}O, 4np), (^{16}O, nα), (^{16}O, 3nα), (^{16}O, 2npα), (^{16}O, 3npα), (^{16}O, 3n2α), E=60.2-111.6 MeV; measured Eγ, Iγ, cross sections using stacked foil activation. JOUR CJOPA 46 27
^{83}Sr	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

A=83 *(continued)*

	2008SI05	NUCLEAR REACTIONS ^{74}Ge(^{16}O, 4n), (^{16}O, 2np), (^{16}O, 3np), (^{16}O, 4np), (^{16}O, nα), (^{16}O, 3nα), (^{16}O, 2npα), (^{16}O, 3npα), (^{16}O, 3n2α), E=60.2-111.6 MeV; measured Eγ, Iγ, cross sections using stacked foil activation. JOUR CJOPA 46 27
	2008SI09	NUCLEAR REACTIONS ^{159}Tb(^{16}O, X), E=5.6 MeV / nucleon; measured Eγ, Iγ. ^{77}Kr, ^{84m}Y, ^{80}Sr, ^{75}Br, ^{104}Tc, ^{83}Y, ^{85}Y, ^{87m}Y, ^{81}Sr, ^{83}Sr, ^{85m}Sr, ^{74m}Br, ^{83}Kr, ^{88}Kr, ^{94}Ru, ^{102}Ag, ^{95}Ru, ^{79}Rb, ^{87}Zr, ^{110}In, ^{78}As, ^{112}Ag; deduced σ of fission like events after complete and / or incomplete fusion. Recoil-catcher technique, γ-spectroscopy. JOUR IMPEE 17 549
^{83}Y	2008SI09	NUCLEAR REACTIONS ^{159}Tb(^{16}O, X), E=5.6 MeV / nucleon; measured Eγ, Iγ. ^{77}Kr, ^{84m}Y, ^{80}Sr, ^{75}Br, ^{104}Tc, ^{83}Y, ^{85}Y, ^{87m}Y, ^{81}Sr, ^{83}Sr, ^{85m}Sr, ^{74m}Br, ^{83}Kr, ^{88}Kr, ^{94}Ru, ^{102}Ag, ^{95}Ru, ^{79}Rb, ^{87}Zr, ^{110}In, ^{78}As, ^{112}Ag; deduced σ of fission like events after complete and / or incomplete fusion. Recoil-catcher technique, γ-spectroscopy. JOUR IMPEE 17 549

A=84

^{84}Ge	2006HA62	ATOMIC MASSES ^{77,78,79}Cu, ^{83,84,85,86}Ge; measured mass excesses. Isotopes produced from ^{238}U(p, F) reaction at beam energy 42 MeV using ISOL method. Proposed technique for measuring mass differences developed at the Holifield Radioactive Ion Beam Facility (HRIBF). JOUR IMSPF 251 119
	2008HA23	ATOMIC MASSES ^{76,77,78,79,80}Zn, ^{78,79,80,81,82,83}Ga, ^{80,81,82,83,84,85}Ge, ^{81,82,83,84,85,86,87}As, ^{84,85,86,87,88,89}Se; measured mass excess using the JYFLTRAP mass spectrometer and the IGISOL facility. Deduced neutron separation energies and N=50 shell gap. JOUR PRLTA 101 052502
^{84}As	2008HA23	ATOMIC MASSES ^{76,77,78,79,80}Zn, ^{78,79,80,81,82,83}Ga, ^{80,81,82,83,84,85}Ge, ^{81,82,83,84,85,86,87}As, ^{84,85,86,87,88,89}Se; measured mass excess using the JYFLTRAP mass spectrometer and the IGISOL facility. Deduced neutron separation energies and N=50 shell gap. JOUR PRLTA 101 052502
^{84}Se	2007VE08	RADIOACTIVITY ^{81}Zn, ^{81}Ga, ^{81}Ge, ^{81}As (β^-) [from U(d, F), E=26 MeV]; ^{81}Zn, ^{81}Ga (β^-n); measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin, half-lives. ^{81}Ga; deduced levels, J, π, configurations. ^{81}Ga, ^{83}As; calculated levels, J, π, configurations. ^{80}Zn, ^{81}Ga, ^{82}Ge, ^{83}As, ^{84}Se, ^{85}Br, ^{86}Kr, ^{87}Rb; systematics. JOUR PRVCA 76 054312
	2008HA23	ATOMIC MASSES ^{76,77,78,79,80}Zn, ^{78,79,80,81,82,83}Ga, ^{80,81,82,83,84,85}Ge, ^{81,82,83,84,85,86,87}As, ^{84,85,86,87,88,89}Se; measured mass excess using the JYFLTRAP mass spectrometer and the IGISOL facility. Deduced neutron separation energies and N=50 shell gap. JOUR PRLTA 101 052502
	2008SAZY	NUCLEAR REACTIONS ^{238}U(^{82}Se, ^{84}Se), (^{82}Se, ^{82}Ge), (^{82}Se, ^{83}As), (^{82}Se, ^{81}Ga), E=505, 515 MeV; measured Eγ, Iγ, γ asymmetry; ^{81}Ga, ^{82}Ge, ^{83}As, ^{84}Se; deduced levels, J, π. CONF Crete(FINUSTAR 2),Proc.P139,Sahin

A=84 *(continued)*

^{84}Br	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008ASZZ	NUCLEAR REACTIONS ^{208}Pb(^{16}O, xf)^{84}Br / ^{85}Br, E=85 MeV; measured Eγ, Iγ; ^{84,85}Br; deduced levels, J, π, bands. CONF Crete(FINUSTAR 2),Proc.P134,Astier
^{84}Kr	2006RI15	ATOMIC MASSES ^{78,80,82,83,84}Kr; measured masses using the LEBIT Penning trap mass spectrometer. Comparison with 2003 mass evaluation. JOUR IMSPF 251 300
	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008HE10	NUCLEAR REACTIONS ^{79,81}Br, ^{85,87}Rb(n, γ), E=0-120 keV; measured Eγ, Iγ, σ. ^{78,80,82}Se, ^{79,81}Br, ^{80,82,83,84,86}Kr; ^{85,87}Rb, ^{86,87,88}Sr, ^{89}Y, ^{90}Zr; deduced total s-process abundances. JOUR PRVCA 78 025802
	2008YA08	NUCLEAR REACTIONS C(^{72}Kr, X), (^{76}Kr, X), (^{80}Kr, X), E=1.05 GeV / nucleon; measured interaction cross sections, effective matter radii. ^{63,64,65,66,67,68}Ga, ^{65,66,67,68,69,70}Ge, ^{67,68,69,70,71,72}As, ^{69,70,71,72,73}Se, ^{72,73,74,75}Br, ^{73,74,75,77,78,79,81,82,83,84,85,86,87,88,89,90}Kr; systematics. Comparison with Skyrme-Hartree-Fock-Bogoliubov calculations. JOUR PRVCA 77 034315

A=84 *(continued)*

^{84}Rb 2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

^{84}Sr 2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

A=84 *(continued)*

^{84}Y	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008SI09	NUCLEAR REACTIONS ^{159}Tb(^{16}O, X), E=5.6 MeV / nucleon; measured Eγ, Iγ. ^{77}Kr, ^{84m}Y, ^{80}Sr, ^{75}Br, ^{104}Tc, ^{83}Y, ^{85}Y, ^{87m}Y, ^{81}Sr, ^{83}Sr, ^{85m}Sr, ^{74m}Br, ^{83}Kr, ^{88}Kr, ^{94}Ru, ^{102}Ag, ^{95}Ru, ^{79}Rb, ^{87}Zr, ^{110}In, ^{78}As, ^{112}Ag; deduced σ of fission like events after complete and / or incomplete fusion. Recoil-catcher technique, γ-spectroscopy. JOUR IMPEE 17 549

A=85

^{85}Ge	2006HA62	ATOMIC MASSES ^{77,78,79}Cu, ^{83,84,85,86}Ge; measured mass excesses. Isotopes produced from ^{238}U(p, F) reaction at beam energy 42 MeV using ISOL method. Proposed technique for measuring mass differences developed at the Holifield Radioactive Ion Beam Facility (HRIBF). JOUR IMSPF 251 119
	2008HA23	ATOMIC MASSES ^{76,77,78,79,80}Zn, ^{78,79,80,81,82,83}Ga, ^{80,81,82,83,84,85}Ge, ^{81,82,83,84,85,86,87}As, ^{84,85,86,87,88,89}Se; measured mass excess using the JYFLTRAP mass spectrometer and the IGISOL facility. Deduced neutron separation energies and N=50 shell gap. JOUR PRLTA 101 052502
^{85}As	2008HA23	ATOMIC MASSES ^{76,77,78,79,80}Zn, ^{78,79,80,81,82,83}Ga, ^{80,81,82,83,84,85}Ge, ^{81,82,83,84,85,86,87}As, ^{84,85,86,87,88,89}Se; measured mass excess using the JYFLTRAP mass spectrometer and the IGISOL facility. Deduced neutron separation energies and N=50 shell gap. JOUR PRLTA 101 052502

A=85 *(continued)*

^{85}Se	2008HA23	ATOMIC MASSES ^{76,77,78,79,80}Zn, ^{78,79,80,81,82,83}Ga, ^{80,81,82,83,84,85}Ge, ^{81,82,83,84,85,86,87}As, ^{84,85,86,87,88,89}Se; measured mass excess using the JYFLTRAP mass spectrometer and the IGISOL facility. Deduced neutron separation energies and N=50 shell gap. JOUR PRLTA 101 052502
^{85}Br	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2007VE08	RADIOACTIVITY ^{81}Zn, ^{81}Ga, ^{81}Ge, ^{81}As (β^-) [from U(d, F), E=26 MeV]; ^{81}Zn, ^{81}Ga (β^-n); measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin, half-lives. ^{81}Ga; deduced levels, J, π, configurations. ^{81}Ga, ^{83}As; calculated levels, J, π, configurations. ^{80}Zn, ^{81}Ga, ^{82}Ge, ^{83}As, ^{84}Se, ^{85}Br, ^{86}Kr, ^{87}Rb; systematics. JOUR PRVCA 76 054312
	2008ASZZ	NUCLEAR REACTIONS ^{208}Pb(^{16}O, xf)^{84}Br / ^{85}Br, E=85 MeV; measured Eγ, Iγ; ^{84,85}Br; deduced levels, J, π, bands. CONF Crete(FINUSTAR 2),Proc.P134,Astier
^{85}Kr	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008RE07	NUCLEAR REACTIONS ^{20}Ne, ^{27}Al, ^{40}Ar, ^{84}Kr, ^{131,132}Xe, ^{208}Pb, ^{235,238}U(n, γ), E=low; measured Eγ, Iγ using cold neutron source and an "invisible container". JOUR JRNCD 276 825

A=85 *(continued)*

	2008YA08	NUCLEAR REACTIONS C(^{72}Kr, X), (^{76}Kr, X), (^{80}Kr, X), E=1.05 GeV / nucleon; measured interaction cross sections, effective matter radii. ^{63,64,65,66,67,68}Ga, ^{65,66,67,68,69,70}Ge, ^{67,68,69,70,71,72}As, ^{69,70,71,72,73}Se, ^{72,73,74,75}Br, ^{73,74,75,77,78,79,81,82,83,84,85,86,87,88,89,90}Kr; systematics. Comparison with Skyrme-Hartree-Fock-Bogoliubov calculations. JOUR PRVCA 77 034315
^{85}Rb	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008HE10	NUCLEAR REACTIONS ^{79,81}Br, ^{85,87}Rb(n, γ), E=0-120 keV; measured Eγ, Iγ, σ. ^{78,80,82}Se, ^{79,81}Br, ^{80,82,83,84,86}Kr; ^{85,87}Rb, ^{86,87,88}Sr, ^{89}Y, ^{90}Zr; deduced total s-process abundances. JOUR PRVCA 78 025802

A=85 *(continued)*

^{85}Sr

2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

2008SI05 NUCLEAR REACTIONS ^{74}Ge(^{16}O, 4n), (^{16}O, 2np), (^{16}O, 3np), (^{16}O, 4np), (^{16}O, nα), (^{16}O, 3nα), (^{16}O, 2npα), (^{16}O, 3npα), (^{16}O, 3n2α), E=60.2-111.6 MeV; measured Eγ, Iγ, cross sections using stacked foil activation. JOUR CJOPA 46 27

2008SI09 NUCLEAR REACTIONS ^{159}Tb(^{16}O, X), E=5.6 MeV / nucleon; measured Eγ, Iγ. ^{77}Kr, ^{84m}Y, ^{80}Sr, ^{75}Br, ^{104}Tc, ^{83}Y, ^{85}Y, ^{87m}Y, ^{81}Sr, ^{83}Sr, ^{85m}Sr, ^{74m}Br, ^{83}Kr, ^{88}Kr, ^{94}Ru, ^{102}Ag, ^{95}Ru, ^{79}Rb, ^{87}Zr, ^{110}In, ^{78}As, ^{112}Ag; deduced σ of fission like events after complete and / or incomplete fusion. Recoil-catcher technique, γ-spectroscopy. JOUR IMPEE 17 549

A=85 *(continued)*

^{85}Y	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008GU04	NUCLEAR REACTIONS ^{75}As(^{16}O, X)^{74}As / ^{76}Br / ^{77}Br / ^{81}Rb / ^{82m}Rb / ^{85}Y / ^{85m}Y / ^{87}Y / ^{86}Zr, E=83.1-111.0 MeV; measured Eγ, Iγ, cross sections, forward recoil range distributions of evaporation residues, complete and incomplete fusion yields. Comparisons with calculations using ALICE-91 code. JOUR IMPEE 17 407
	2008SI05	NUCLEAR REACTIONS ^{74}Ge(^{16}O, 4n), (^{16}O, 2np), (^{16}O, 3np), (^{16}O, 4np), (^{16}O, nα), (^{16}O, 3nα), (^{16}O, 2npα), (^{16}O, 3npα), (^{16}O, 3n2α), E=60.2-111.6 MeV; measured Eγ, Iγ, cross sections using stacked foil activation. JOUR CJOPA 46 27
	2008SI09	NUCLEAR REACTIONS ^{159}Tb(^{16}O, X), E=5.6 MeV / nucleon; measured Eγ, Iγ. ^{77}Kr, ^{84m}Y, ^{80}Sr, ^{75}Br, ^{104}Tc, ^{83}Y, ^{85}Y, ^{87m}Y, ^{81}Sr, ^{83}Sr, ^{85m}Sr, ^{74m}Br, ^{83}Kr, ^{88}Kr, ^{94}Ru, ^{102}Ag, ^{95}Ru, ^{79}Rb, ^{87}Zr, ^{110}In, ^{78}As, ^{112}Ag; deduced σ of fission like events after complete and / or incomplete fusion. Recoil-catcher technique, γ-spectroscopy. JOUR IMPEE 17 549
^{85}Zr	2007YU03	NUCLEAR REACTIONS ^{60}Ni(^{28}Si, n2p), E=98 MeV; measured Eγ, I$\gamma(\theta)$, g-factors for high spin states. JOUR HYIND 180 49
	2008DI17	NUCLEAR REACTIONS ^{93}Nb(p, X)^{90}Mo / ^{93}Mo / ^{90}Nb / ^{91}Nb / ^{92}Nb / ^{86}Zr / ^{88}Zr / ^{89}Zr / ^{86}Y / ^{87}Y / ^{88}Y / ^{85}Zr, E=30-70 MeV; measured Eγ, Iγ, excitation functions using the stacked foil activation technique. JOUR NIMBE 266 5087

A=86

^{86}Ge	2006HA62	ATOMIC MASSES ^{77,78,79}Cu, ^{83,84,85,86}Ge; measured mass excesses. Isotopes produced from ^{238}U(p, F) reaction at beam energy 42 MeV using ISOL method. Proposed technique for measuring mass differences developed at the Holifield Radioactive Ion Beam Facility (HRIBF). JOUR IMSPF 251 119
^{86}As	2008HA23	ATOMIC MASSES ^{76,77,78,79,80}Zn, ^{78,79,80,81,82,83}Ga, ^{80,81,82,83,84,85}Ge, ^{81,82,83,84,85,86,87}As, ^{84,85,86,87,88,89}Se; measured mass excess using the JYFLTRAP mass spectrometer and the IGISOL facility. Deduced neutron separation energies and N=50 shell gap. JOUR PRLTA 101 052502
^{86}Se	2008HA23	ATOMIC MASSES ^{76,77,78,79,80}Zn, ^{78,79,80,81,82,83}Ga, ^{80,81,82,83,84,85}Ge, ^{81,82,83,84,85,86,87}As, ^{84,85,86,87,88,89}Se; measured mass excess using the JYFLTRAP mass spectrometer and the IGISOL facility. Deduced neutron separation energies and N=50 shell gap. JOUR PRLTA 101 052502
^{86}Kr	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2007VE08	RADIOACTIVITY ^{81}Zn, ^{81}Ga, ^{81}Ge, ^{81}As (β^-) [from U(d, F), E=26 MeV]; ^{81}Zn, ^{81}Ga (β^-n); measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin, half-lives. ^{81}Ga; deduced levels, J, π, configurations. ^{81}Ga, ^{83}As; calculated levels, J, π, configurations. ^{80}Zn, ^{81}Ga, ^{82}Ge, ^{83}As, ^{84}Se, ^{85}Br, ^{86}Kr, ^{87}Rb; systematics. JOUR PRVCA 76 054312
	2008HE10	NUCLEAR REACTIONS ^{79,81}Br, ^{85,87}Rb(n, γ), E=0-120 keV; measured Eγ, Iγ, σ. ^{78,80,82}Se, ^{79,81}Br, ^{80,82,83,84,86}Kr; ^{85,87}Rb, ^{86,87,88}Sr, ^{89}Y, ^{90}Zr; deduced total s-process abundances. JOUR PRVCA 78 025802
	2008YA08	NUCLEAR REACTIONS C(^{72}Kr, X), (^{76}Kr, X), (^{80}Kr, X), E=1.05 GeV / nucleon; measured interaction cross sections, effective matter radii. ^{63,64,65,66,67,68}Ga, ^{65,66,67,68,69,70}Ge, ^{67,68,69,70,71,72}As, ^{69,70,71,72,73}Se, ^{72,73,74,75}Br, ^{73,74,75,77,78,79,81,82,83,84,85,86,87,88,89,90}Kr; systematics. Comparison with Skyrme-Hartree-Fock-Bogoliubov calculations. JOUR PRVCA 77 034315

A=86 *(continued)*

^{86}Rb	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008AG10	NUCLEAR REACTIONS ^{89}Y, ^{107,109}Ag(n, n'), E=14.6 MeV; ^{89}Y(n, 2n), E=14.6 MeV; ^{107,109}Ag, ^{139}La(n, p), E=14.6 MeV; ^{89}Y(n, α), E=14.6 MeV; measured Eγ, Iγ, cross sections using the activation technique. Compared results to model calculations. JOUR ANEND 35 1713
	2008HE10	NUCLEAR REACTIONS ^{79,81}Br, ^{85,87}Rb(n, γ), E=0-120 keV; measured Eγ, Iγ, σ. ^{78,80,82}Se, ^{79,81}Br, ^{80,82,83,84,86}Kr; ^{85,87}Rb, ^{86,87,88}Sr, ^{89}Y, ^{90}Zr; deduced total s-process abundances. JOUR PRVCA 78 025802

A=86 *(continued)*

^{86}Sr	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008HE10	NUCLEAR REACTIONS ^{79,81}Br, ^{85,87}Rb(n, γ), E=0-120 keV; measured Eγ, Iγ, σ. ^{78,80,82}Se, ^{79,81}Br, ^{80,82,83,84,86}Kr; ^{85,87}Rb, ^{86,87,88}Sr, ^{89}Y, ^{90}Zr; deduced total s-process abundances. JOUR PRVCA 78 025802
^{86}Y	2007KRZY	NUCLEAR REACTIONS ^{127}I(d, X)^{111}In / ^{119}Te / ^{121}I / ^{122}Sb / ^{123}I / ^{124}I / ^{125}Xe / ^{126}I, E=2.52 GeV; measured yields; ^{129}I(d, X)^{121}Te / ^{124}I / ^{126}I / ^{130}I, E=2.52 GeV; measured yields; ^{237}Np(d, X)^{97}Zr / ^{99}Mo / ^{132}Te / ^{133}I / ^{238}Np, E=2.52 GeV; measured yields; ^{238}Pu(d, X)^{97}Zr / ^{135}Xe, E≈2.5 GeV; measured yields; ^{239}Pu(d, X)^{103}Ru / ^{128}Sb / ^{132}Te / ^{133}I / ^{135}I / ^{135}Xe / ^{140}Ba / ^{143}Ce / ^{91}Sr / ^{97}Zr, E≈2.5 GeV; measured yields; ^{26}Al(n, α), ^{197}Au(n, γ), ^{197}Au(n, 2n), ^{197}Au(n, 4n), E not given; measured radial distributions of production rates of daughter nuclei; ^{89}Y(n, 2n), ^{89}Y(n, 3n), ^{89}Y(n, 4n), E not given; measured production rates of daughter nuclei. activation detector for transmutation setup; ^{238}U, Pb(n, f), ^{238}U, Pb(n, γ), E not given; measured σ. REPT JINR-E1-2007-7,Krivopustov

A=86 ***(continued)***

2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

2008DI17 NUCLEAR REACTIONS ^{93}Nb(p, X)^{90}Mo / ^{93}Mo / ^{90}Nb / ^{91}Nb / ^{92}Nb / ^{86}Zr / ^{88}Zr / ^{89}Zr / ^{86}Y / ^{87}Y / ^{88}Y / ^{85}Zr, E=30-70 MeV; measured Eγ, Iγ, excitation functions using the stacked foil activation technique. JOUR NIMBE 266 5087

2008SI05 NUCLEAR REACTIONS ^{74}Ge(^{16}O, 4n), (^{16}O, 2np), (^{16}O, 3np), (^{16}O, 4np), (^{16}O, nα), (^{16}O, 3nα), (^{16}O, 2npα), (^{16}O, 3npα), (^{16}O, 3n2α), E=60.2-111.6 MeV; measured Eγ, Iγ, cross sections using stacked foil activation. JOUR CJOPA 46 27

2008UD02 NUCLEAR REACTIONS Zr(p, X)^{88}Zr / ^{89}Zr / ^{86}Y / ^{87}Y / ^{88}Y / ^{90}Nb / ^{92}Nb / ^{95}Nb / ^{96}Nb, E=4-40 MeV; measured Eγ, Iγ, cross sections, and excitation functions using the stacked foil activation technique. JOUR NIMBE 266 13

A=86 *(continued)*

^{86}Zr	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008DI17	NUCLEAR REACTIONS ^{93}Nb(p, X)^{90}Mo / ^{93}Mo / ^{90}Nb / ^{91}Nb / ^{92}Nb / ^{86}Zr / ^{88}Zr / ^{89}Zr / ^{86}Y / ^{87}Y / ^{88}Y / ^{85}Zr, E=30-70 MeV; measured Eγ, Iγ, excitation functions using the stacked foil activation technique. JOUR NIMBE 266 5087
	2008GU04	NUCLEAR REACTIONS ^{75}As(^{16}O, X)^{74}As / ^{76}Br / ^{77}Br / ^{81}Rb / ^{82m}Rb / ^{85}Y / ^{85m}Y / ^{87}Y / ^{86}Zr, E=83.1-111.0 MeV; measured Eγ, Iγ, cross sections, forward recoil range distributions of evaporation residues, complete and incomplete fusion yields. Comparisons with calculations using ALICE-91 code. JOUR IMPEE 17 407
	2008SI05	NUCLEAR REACTIONS ^{74}Ge(^{16}O, 4n), (^{16}O, 2np), (^{16}O, 3np), (^{16}O, 4np), (^{16}O, nα), (^{16}O, 3nα), (^{16}O, 2npα), (^{16}O, 3npα), (^{16}O, 3n2α), E=60.2-111.6 MeV; measured Eγ, Iγ, cross sections using stacked foil activation. JOUR CJOPA 46 27
^{86}Tc	2008GA04	NUCLEAR REACTIONS ^{9}Be(^{107}Ag, X)^{82}Nb / ^{86}Tc, E=750 MeV / nucleon; measured fragment and delayed γ spectra, (fragment)γ-coin. ^{82}Nb, ^{86}Tc deduced level energies, J, π, $T_{1/2}$, conversion coefficients. Deformation and K hindrance discussed. JOUR PYLBB 660 326

A=87

^{87}As	2008HA23	ATOMIC MASSES ^{76,77,78,79,80}Zn, ^{78,79,80,81,82,83}Ga, ^{80,81,82,83,84,85}Ge, ^{81,82,83,84,85,86,87}As, ^{84,85,86,87,88,89}Se; measured mass excess using the JYFLTRAP mass spectrometer and the IGISOL facility. Deduced neutron separation energies and N=50 shell gap. JOUR PRLTA 101 052502

A=87 *(continued)*

^{87}Se	2008HA23	ATOMIC MASSES ^{76,77,78,79,80}Zn, ^{78,79,80,81,82,83}Ga, ^{80,81,82,83,84,85}Ge, ^{81,82,83,84,85,86,87}As, ^{84,85,86,87,88,89}Se; measured mass excess using the JYFLTRAP mass spectrometer and the IGISOL facility. Deduced neutron separation energies and N=50 shell gap. JOUR PRLTA 101 052502
^{87}Kr	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008SI09	NUCLEAR REACTIONS ^{169}Tm(^{16}O, X), E=5.9 MeV / nucleon; measured Eγ, Iγ. ^{107}In;^{66}Ge;^{88}Nb;^{95}Y;^{83}Se;^{99m}Tc;^{109}Sn;^{101}Tc;^{79}As;^{105}In;^{108m}Rh;^{95}Ru;^{92}Y;^{98m}Nb;^{87}Kr;^{92}Sr; deduced σ of fission like events after complete and / or incomplete fusion. Recoil-catcher technique, γ-spectroscopy. JOUR IMPEE 17 549
	2008YA08	NUCLEAR REACTIONS C(^{72}Kr, X), (^{76}Kr, X), (^{80}Kr, X), E=1.05 GeV / nucleon; measured interaction cross sections, effective matter radii. ^{63,64,65,66,67,68}Ga, ^{65,66,67,68,69,70}Ge, ^{67,68,69,70,71,72}As, ^{69,70,71,72,73}Se, ^{72,73,74,75}Br, ^{73,74,75,77,78,79,81,82,83,84,85,86,87,88,89,90}Kr; systematics. Comparison with Skyrme-Hartree-Fock-Bogoliubov calculations. JOUR PRVCA 77 034315

A=87 *(continued)*

^{87}Rb	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2007VE08	RADIOACTIVITY ^{81}Zn, ^{81}Ga, ^{81}Ge, ^{81}As (β^-) [from U(d, F), E=26 MeV]; ^{81}Zn, ^{81}Ga (β^-n); measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin, half-lives. ^{81}Ga; deduced levels, J, π, configurations. ^{81}Ga, ^{83}As; calculated levels, J, π, configurations. ^{80}Zn, ^{81}Ga, ^{82}Ge, ^{83}As, ^{84}Se, ^{85}Br, ^{86}Kr, ^{87}Rb; systematics. JOUR PRVCA 76 054312
	2008HE10	NUCLEAR REACTIONS ^{79,81}Br, ^{85,87}Rb(n, γ), E=0-120 keV; measured Eγ, Iγ, σ. ^{78,80,82}Se, ^{79,81}Br, ^{80,82,83,84,86}Kr; ^{85,87}Rb, ^{86,87,88}Sr, ^{89}Y, ^{90}Zr; deduced total s-process abundances. JOUR PRVCA 78 025802

A=87 *(continued)*

^{87}Sr	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008HE10	NUCLEAR REACTIONS ^{79,81}Br, ^{85,87}Rb(n, γ), E=0-120 keV; measured Eγ, Iγ, σ. ^{78,80,82}Se, ^{79,81}Br, ^{80,82,83,84,86}Kr; ^{85,87}Rb, ^{86,87,88}Sr, ^{89}Y, ^{90}Zr; deduced total s-process abundances. JOUR PRVCA 78 025802
^{87}Y	2007KRZY	NUCLEAR REACTIONS ^{127}I(d, X)^{111}In / ^{119}Te / ^{121}I / ^{122}Sb / ^{123}I / ^{124}I / ^{125}Xe / ^{126}I, E=2.52 GeV; measured yields; ^{129}I(d, X)^{121}Te / ^{124}I / ^{126}I / ^{130}I, E=2.52 GeV; measured yields; ^{237}Np(d, X)^{97}Zr / ^{99}Mo / ^{132}Te / ^{133}I / ^{238}Np, E=2.52 GeV; measured yields; ^{238}Pu(d, X)^{97}Zr / ^{135}Xe, E≈2.5 GeV; measured yields; ^{239}Pu(d, X)^{103}Ru / ^{128}Sb / ^{132}Te / ^{133}I / ^{135}I / ^{135}Xe / ^{140}Ba / ^{143}Ce / ^{91}Sr / ^{97}Zr, E≈2.5 GeV; measured yields; ^{26}Al(n, α), ^{197}Au(n, γ), ^{197}Au(n, 2n), ^{197}Au(n, 4n), E not given; measured radial distributions of production rates of daughter nuclei; ^{89}Y(n, 2n), ^{89}Y(n, 3n), ^{89}Y(n, 4n), E not given; measured production rates of daughter nuclei. activation detector for transmutation setup; ^{238}U, Pb(n, f), ^{238}U, Pb(n, γ), E not given; measured σ. REPT JINR-E1-2007-7,Krivopustov

A=87 *(continued)*

2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

2008DI17 NUCLEAR REACTIONS ^{93}Nb(p, X)^{90}Mo / ^{93}Mo / ^{90}Nb / ^{91}Nb / ^{92}Nb / ^{86}Zr / ^{88}Zr / ^{89}Zr / ^{86}Y / ^{87}Y / ^{88}Y / ^{85}Zr, E=30-70 MeV; measured Eγ, Iγ, excitation functions using the stacked foil activation technique. JOUR NIMBE 266 5087

2008GU04 NUCLEAR REACTIONS ^{75}As(^{16}O, X)^{74}As / ^{76}Br / ^{77}Br / ^{81}Rb / ^{82m}Rb / ^{85}Y / ^{85m}Y / ^{87}Y / ^{86}Zr, E=83.1-111.0 MeV; measured Eγ, Iγ, cross sections, forward recoil range distributions of evaporation residues, complete and incomplete fusion yields. Comparisons with calculations using ALICE-91 code. JOUR IMPEE 17 407

2008SI05 NUCLEAR REACTIONS ^{74}Ge(^{16}O, 4n), (^{16}O, 2np), (^{16}O, 3np), (^{16}O, 4np), (^{16}O, nα), (^{16}O, 3nα), (^{16}O, 2npα), (^{16}O, 3npα), (^{16}O, 3n2α), E=60.2-111.6 MeV; measured Eγ, Iγ, cross sections using stacked foil activation. JOUR CJOPA 46 27

2008SI09 NUCLEAR REACTIONS ^{159}Tb(^{16}O, X), E=5.6 MeV / nucleon; measured Eγ, Iγ. ^{77}Kr, ^{84m}Y, ^{80}Sr, ^{75}Br, ^{104}Tc, ^{83}Y, ^{85}Y, ^{87m}Y, ^{81}Sr, ^{83}Sr, ^{85m}Sr, ^{74m}Br, ^{83}Kr, ^{88}Kr, ^{94}Ru, ^{102}Ag, ^{95}Ru, ^{79}Rb, ^{87}Zr, ^{110}In, ^{78}As, ^{112}Ag; deduced σ of fission like events after complete and / or incomplete fusion. Recoil-catcher technique, γ-spectroscopy. JOUR IMPEE 17 549

2008UD02 NUCLEAR REACTIONS Zr(p, X)^{88}Zr / ^{89}Zr / ^{86}Y / ^{87}Y / ^{88}Y / ^{90}Nb / ^{92}Nb / ^{95}Nb / ^{96}Nb, E=4-40 MeV; measured Eγ, Iγ, cross sections, and excitation functions using the stacked foil activation technique. JOUR NIMBE 266 13

A=87 *(continued)*

^{87}Zr	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008SI09	NUCLEAR REACTIONS ^{159}Tb(^{16}O, X), E=5.6 MeV / nucleon; measured Eγ, Iγ. ^{77}Kr, ^{84m}Y, ^{80}Sr, ^{75}Br, ^{104}Tc, ^{83}Y, ^{85}Y, ^{87m}Y, ^{81}Sr, ^{83}Sr, ^{85m}Sr, ^{74m}Br, ^{83}Kr, ^{88}Kr, ^{94}Ru, ^{102}Ag, ^{95}Ru, ^{79}Rb, ^{87}Zr, ^{110}In, ^{78}As, ^{112}Ag; deduced σ of fission like events after complete and / or incomplete fusion. Recoil-catcher technique, γ-spectroscopy. JOUR IMPEE 17 549
^{87}Nb	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

A=88

^{88}Se	2008HA23	ATOMIC MASSES ^{76,77,78,79,80}Zn, ^{78,79,80,81,82,83}Ga, ^{80,81,82,83,84,85}Ge, ^{81,82,83,84,85,86,87}As, ^{84,85,86,87,88,89}Se; measured mass excess using the JYFLTRAP mass spectrometer and the IGISOL facility. Deduced neutron separation energies and N=50 shell gap. JOUR PRLTA 101 052502
^{88}Kr	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{6,7,8}Li, ^{9,10,11,12}Be, ^{10,11,12,13}B, ^{11,12,13,14,15}C, ^{13,14,15,16,17}N, ^{15,16,17,18,19}O, ^{17,18,19,20,21}F, ^{19,20,21,22,23}Ne, ^{22,23,24,25}Na, ^{23,24,25,26,27}Mg, ^{25,26,27,28,29,30}Al, ^{28,29,30,31,32}Si, ^{30,31,32,33,34}P, ^{32,33,34,35,36,37,38}S, ^{34,35,36,37,38,39,40}Cl, ^{36,37,38,39,40,41,42,43}Ar, ^{39,40,41,42,43,44,45}K, ^{41,42,43,44,45,46,47}Ca, ^{43,44,45,46,47,48,49,50}Sc, ^{45,46,47,48,49,50,51,52}Ti, ^{46,47,48,49,50,51,52,53,54,55}V, ^{49,50,51,52,53,54,55,56,57}Cr, ^{50,51,52,53,54,55,56,57,58,59,60}Mn, ^{55,56,57,58,59,60,61,62}Fe, ^{57,58,59,60,61,62,63,64,65}Co, ^{59,60,61,62,63,64,65,66,67}Ni, ^{60,61,62,63,64,65,66,67,68,69,70}Cu, ^{62,63,64,65,66,67,68,69,70,71,72}Zn, ^{66,67,68,69,70,71,72,73,74,75}Ga, ^{68,69,70,71,72,73,74,75,76,77}Ge, ^{70,71,72,73,74,75,76,77,78,79,80,81}As, ^{72,73,74,75,76,77,78,79,80,81,82,83}Se, ^{74,75,76,77,78,79,80,81,82,83,84,85}Br, ^{76,77,78,79,80,81,82,83,84,85,86,87,88}Kr; measured cross sections. JOUR PRVCA 76 064609
	2008SI09	NUCLEAR REACTIONS ^{159}Tb(^{16}O, X), E=5.6 MeV / nucleon; measured Eγ, Iγ. ^{77}Kr, ^{84m}Y, ^{80}Sr, ^{75}Br, ^{104}Tc, ^{83}Y, ^{85}Y, ^{87m}Y, ^{81}Sr, ^{83}Sr, ^{85m}Sr, ^{74m}Br, ^{83}Kr, ^{88}Kr, ^{94}Ru, ^{102}Ag, ^{95}Ru, ^{79}Rb, ^{87}Zr, ^{110}In, ^{78}As, ^{112}Ag; deduced σ of fission like events after complete and / or incomplete fusion. Recoil-catcher technique, γ-spectroscopy. JOUR IMPEE 17 549
	2008YA08	NUCLEAR REACTIONS C(^{72}Kr, X), (^{76}Kr, X), (^{80}Kr, X), E=1.05 GeV / nucleon; measured interaction cross sections, effective matter radii. ^{63,64,65,66,67,68}Ga, ^{65,66,67,68,69,70}Ge, ^{67,68,69,70,71,72}As, ^{69,70,71,72,73}Se, ^{72,73,74,75}Br, ^{73,74,75,77,78,79,81,82,83,84,85,86,87,88,89,90}Kr; systematics. Comparison with Skyrme-Hartree-Fock-Bogoliubov calculations. JOUR PRVCA 77 034315

A=88 ***(continued)***

^{88}Rb 2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

2008HE10 NUCLEAR REACTIONS ^{79,81}Br, ^{85,87}Rb(n, γ), E=0-120 keV; measured Eγ, Iγ, σ. ^{78,80,82}Se, ^{79,81}Br, ^{80,82,83,84,86}Kr; ^{85,87}Rb, ^{86,87,88}Sr, ^{89}Y, ^{90}Zr; deduced total s-process abundances. JOUR PRVCA 78 025802

^{88}Sr 2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

2008GO25 NUCLEAR REACTIONS ^{88}Sr(n, n'γ), E not given; measured Eγ, Iγ, I$\gamma(\theta)$, lifetimes; deduced levels, mixing ratios, B(E2), B(M1); HPGe detector; DSA method. JOUR PANUE 71 1339

A=88 *(continued)*

	2008HE10	NUCLEAR REACTIONS ^{79,81}Br, ^{85,87}Rb(n, γ), E=0-120 keV; measured Eγ, Iγ, σ. ^{78,80,82}Se, ^{79,81}Br, ^{80,82,83,84,86}Kr; ^{85,87}Rb, ^{86,87,88}Sr, ^{89}Y, ^{90}Zr; deduced total s-process abundances. JOUR PRVCA 78 025802
^{88}Y	2007KRZY	NUCLEAR REACTIONS ^{127}I(d, X)^{111}In / ^{119}Te / ^{121}I / ^{122}Sb / ^{123}I / ^{124}I / ^{125}Xe / ^{126}I, E=2.52 GeV; measured yields; ^{129}I(d, X)^{121}Te / ^{124}I / ^{126}I / ^{130}I, E=2.52 GeV; measured yields; ^{237}Np(d, X)^{97}Zr / ^{99}Mo / ^{132}Te / ^{133}I / ^{238}Np, E=2.52 GeV; measured yields; ^{238}Pu(d, X)^{97}Zr / ^{135}Xe, E≈2.5 GeV; measured yields; ^{239}Pu(d, X)^{103}Ru / ^{128}Sb / ^{132}Te / ^{133}I / ^{135}I / ^{135}Xe / ^{140}Ba / ^{143}Ce / ^{91}Sr / ^{97}Zr, E≈2.5 GeV; measured yields; ^{26}Al(n, α), ^{197}Au(n, γ), ^{197}Au(n, 2n), ^{197}Au(n, 4n), E not given; measured radial distributions of production rates of daughter nuclei; ^{89}Y(n, 2n), ^{89}Y(n, 3n), ^{89}Y(n, 4n), E not given; measured production rates of daughter nuclei. activation detector for transmutation setup; ^{238}U, Pb(n, f), ^{238}U, Pb(n, γ), E not given; measured σ. REPT JINR-E1-2007-7,Krivopustov
	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008AG10	NUCLEAR REACTIONS ^{89}Y, ^{107,109}Ag(n, n'), E=14.6 MeV; ^{89}Y(n, 2n), E=14.6 MeV; ^{107,109}Ag, ^{139}La(n, p), E=14.6 MeV; ^{89}Y(n, α), E=14.6 MeV; measured Eγ, Iγ, cross sections using the activation technique. Compared results to model calculations. JOUR ANEND 35 1713
	2008DI17	NUCLEAR REACTIONS ^{93}Nb(p, X)^{90}Mo / ^{93}Mo / ^{90}Nb / ^{91}Nb / ^{92}Nb / ^{86}Zr / ^{88}Zr / ^{89}Zr / ^{86}Y / ^{87}Y / ^{88}Y / ^{85}Zr, E=30-70 MeV; measured Eγ, Iγ, excitation functions using the stacked foil activation technique. JOUR NIMBE 266 5087

A=88 ***(continued)***

	2008UD02	NUCLEAR REACTIONS Zr(p, X)^{88}Zr / ^{89}Zr / ^{86}Y / ^{87}Y / ^{88}Y / ^{90}Nb / ^{92}Nb / ^{95}Nb / ^{96}Nb, E=4-40 MeV; measured Eγ, Iγ, cross sections, and excitation functions using the stacked foil activation technique. JOUR NIMBE 266 13
^{88}Zr	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008DI17	NUCLEAR REACTIONS ^{93}Nb(p, X)^{90}Mo / ^{93}Mo / ^{90}Nb / ^{91}Nb / ^{92}Nb / ^{86}Zr / ^{88}Zr / ^{89}Zr / ^{86}Y / ^{87}Y / ^{88}Y / ^{85}Zr, E=30-70 MeV; measured Eγ, Iγ, excitation functions using the stacked foil activation technique. JOUR NIMBE 266 5087
	2008NA05	NUCLEAR REACTIONS ^{92}Mo(γ, p), (γ, n), (γ, α), E not given; ^{144}Sm(γ, n), (γ, α), E not given; measured Eγ, Iγ, activation yields. Comparison with model calculations. JOUR JPGPE 35 014036
	2008UD02	NUCLEAR REACTIONS Zr(p, X)^{88}Zr / ^{89}Zr / ^{86}Y / ^{87}Y / ^{88}Y / ^{90}Nb / ^{92}Nb / ^{95}Nb / ^{96}Nb, E=4-40 MeV; measured Eγ, Iγ, cross sections, and excitation functions using the stacked foil activation technique. JOUR NIMBE 266 13

A=88 *(continued)*

^{88}Nb	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008SI09	NUCLEAR REACTIONS ^{169}Tm(^{16}O, X), E=5.9 MeV / nucleon; measured Eγ, Iγ. ^{107}In;^{66}Ge;^{88}Nb;^{95}Y;^{83}Se;^{99m}Tc;^{109}Sn;^{101}Tc;^{79}As;^{105}In;^{108m}Rh;^{95}Ru;^{92}Y;^{98m}Nb;^{87}Kr;^{92}Sr; deduced σ of fission like events after complete and / or incomplete fusion. Recoil-catcher technique, γ-spectroscopy. JOUR IMPEE 17 549

A=89

^{89}Se	2008HA23	ATOMIC MASSES ^{76,77,78,79,80}Zn, ^{78,79,80,81,82,83}Ga, ^{80,81,82,83,84,85}Ge, ^{81,82,83,84,85,86,87}As, ^{84,85,86,87,88,89}Se; measured mass excess using the JYFLTRAP mass spectrometer and the IGISOL facility. Deduced neutron separation energies and N=50 shell gap. JOUR PRLTA 101 052502
^{89}Kr	2008HW03	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, γγ-coin. ^{89,91}Kr, ^{159}Sm; deduced levels, J, π, bands, configurations. ^{90,92}Kr, ^{161}Gd, ^{163}Dy; comparison with adopted levels. JOUR PRVCA 78 017303
	2008YA08	NUCLEAR REACTIONS C(^{72}Kr, X), (^{76}Kr, X), (^{80}Kr, X), E=1.05 GeV / nucleon; measured interaction cross sections, effective matter radii. ^{63,64,65,66,67,68}Ga, ^{65,66,67,68,69,70}Ge, ^{67,68,69,70,71,72}As, ^{69,70,71,72,73}Se, ^{72,73,74,75}Br, ^{73,74,75,77,78,79,81,82,83,84,85,86,87,88,89,90}Kr; systematics. Comparison with Skyrme-Hartree-Fock-Bogoliubov calculations. JOUR PRVCA 77 034315
^{89}Rb	2007BU35	NUCLEAR REACTIONS ^{208}Pb(^{90}Zr, X)^{89}Rb, E=590 MeV; ^{238}U(^{82}Se, X)^{92}Y / ^{93}Y, E=505 MeV; measured Eγ, Iγ, γγγ-coin, angular distribution, multipolarity. ^{89}Rb, ^{92,93}Y; deduced levels, J, π, configurations. Comparisons to shell model calculations, and structure in ^{94}Nb. JOUR PRVCA 76 064301

A=89 ***(continued)***

	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
^{89}Sr	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

A=89 *(continued)*

^{89}Y	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008AG10	NUCLEAR REACTIONS ^{89}Y, ^{107,109}Ag(n, n'), E=14.6 MeV; ^{89}Y(n, 2n), E=14.6 MeV; ^{107,109}Ag, ^{139}La(n, p), E=14.6 MeV; ^{89}Y(n, α), E=14.6 MeV; measured Eγ, Iγ, cross sections using the activation technique. Compared results to model calculations. JOUR ANEND 35 1713
	2008HE10	NUCLEAR REACTIONS ^{79,81}Br, ^{85,87}Rb(n, γ), E=0-120 keV; measured Eγ, Iγ, σ. ^{78,80,82}Se, ^{79,81}Br, ^{80,82,83,84,86}Kr; ^{85,87}Rb, ^{86,87,88}Sr, ^{89}Y, ^{90}Zr; deduced total s-process abundances. JOUR PRVCA 78 025802
	2008KI06	NUCLEAR REACTIONS ^{89}Y(α, α), E(cm)=15.5, 18.6 MeV; measured Eα, Iα, $\sigma(\theta)$. JOUR JPGPE 35 014037
	2008OH02	NUCLEAR REACTIONS ^{56}Fe, ^{89}Y, ^{208}Pb(n, n), E=96 MeV; measured $\sigma(\theta)$; ^{12}C, ^{16}O; systematics, compared with Wick's limit. JOUR PRVCA 77 024605

A=89 *(continued)*

^{89}Zr	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008AT01	NUCLEAR REACTIONS ^{90}Zr(n, 2n), E=13.73-14.77 MeV; measured Eγ, Iγ, σ for metastable state production; calculated σ(E) using EMPIRE and TALYS codes. JOUR NUPAB 802 1
	2008AV02	NUCLEAR REACTIONS ^{93}Nb(p, n), (p, np), (p, nα), E < 17.4 MeV; measured Eγ, Iγ, excitation functions using stacked foil activation technique. Compared results to existing data and model calculations. JOUR NIMBE 266 3353
	2008DI17	NUCLEAR REACTIONS ^{93}Nb(p, X)^{90}Mo / ^{93}Mo / ^{90}Nb / ^{91}Nb / ^{92}Nb / ^{86}Zr / ^{88}Zr / ^{89}Zr / ^{86}Y / ^{87}Y / ^{88}Y / ^{85}Zr, E=30-70 MeV; measured Eγ, Iγ, excitation functions using the stacked foil activation technique. JOUR NIMBE 266 5087
	2008UD02	NUCLEAR REACTIONS Zr(p, X)^{88}Zr / ^{89}Zr / ^{86}Y / ^{87}Y / ^{88}Y / ^{90}Nb / ^{92}Nb / ^{95}Nb / ^{96}Nb, E=4-40 MeV; measured Eγ, Iγ, cross sections, and excitation functions using the stacked foil activation technique. JOUR NIMBE 266 13

A=89 *(continued)*

^{89}Nb 2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

2008UD01 NUCLEAR REACTIONS Mo(p, X)^{89g}Nb / ^{93m,93g}Tc / ^{94m}Tc, E=25.9-67.8 MeV; Mo(p, X)^{90}Mo / ^{97}Nb, E=31.9-67.8 MeV; Mo(p, X)^{89m}Nb, E=46.6-67.8 MeV; measured Eγ, Iγ, excitation functions, cross sections and integral yields using stacked-foil activation technique, natural Mo target. ^{89}Nb, ^{89m}Nb, ^{90}Mo, ^{93m}Tc, ^{93g}Tc, ^{94m}Tc, ^{97}Nb; isotopic yields and production. JOUR ARISE 66 208

^{89}Tc 2007HEZV ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm, ^{113}Xe, ^{111,112,113}I, ^{109,110,111,112}Te, ^{107,109,111}Sb, ^{105,106}Sn, ^{102,103,104,105}In, ^{101,102,103,104}Cd, ^{99,101,103}Ag, ^{89,90,91,92,93,94}Tc, ^{90,91,92,94,96}Ru, ^{92,93,95,96,97,98}Rh; measured masses. SHIPTRAP penning trap spectrometer. CONF Lisbon (PROCON 2007),Proc.P319,Herfurth

A=90

^{90}Kr 2008HW03 RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{89,91}Kr, ^{159}Sm; deduced levels, J, π, bands, configurations. ^{90,92}Kr, ^{161}Gd, ^{163}Dy; comparison with adopted levels. JOUR PRVCA 78 017303

2008YA08 NUCLEAR REACTIONS C(^{72}Kr, X), (^{76}Kr, X), (^{80}Kr, X), E=1.05 GeV / nucleon; measured interaction cross sections, effective matter radii. ^{63,64,65,66,67,68}Ga, ^{65,66,67,68,69,70}Ge, ^{67,68,69,70,71,72}As, ^{69,70,71,72,73}Se, ^{72,73,74,75}Br, ^{73,74,75,77,78,79,81,82,83,84,85,86,87,88,89,90}Kr; systematics. Comparison with Skyrme-Hartree-Fock-Bogoliubov calculations. JOUR PRVCA 77 034315

A=90 *(continued)*

^{90}Rb	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
^{90}Sr	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008GR08	RADIOACTIVITY ^{90}Sr(β^-); measured Eβ, Iβ; deduced shape factor. JOUR ARISE 66 1021

A=90 *(continued)*

^{90}Y	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008BRZZ	NUCLEAR REACTIONS ^{89}Y, ^{95}Mo(n, γ), E not given; measured Eγ, Iγ; ^{241}Am(n, γ), E=0.02 eV - 100 keV; measured σ. Compared results to ENDFB-VII database. CONF Crete(FINUSTAR 2),Proc.P111,Bredeweg
	2008FU08	NUCLEAR REACTIONS ^{27}Al, ^{28}Si, ^{29}Si, ^{41}K, ^{51}V, ^{61}Ni, ^{65}Cu, ^{64,67}Zn, ^{69}Ga, ^{79}Br, ^{92}Mo(n, p), E=3.5-5.9 MeV; ^{69}Ga, ^{93}Nb(n, α), E=3.5-5.9 MeV; measured Eγ, Iγ, cross sections using the activation technique. JOUR ANEND 35 1652
	2008GR08	RADIOACTIVITY ^{90}Sr(β^-); measured Eβ, Iβ; deduced shape factor. JOUR ARISE 66 1021
	2008YA13	NUCLEAR REACTIONS ^{90}Zr(n, p)^{90}Y, E=293 MeV; measured Ep, Ip, σ;Large acceptance magnetic spectrometer, multi-wire drift chambers, plastic scintillation counters. JOUR NIMAE 592 88

A=90 *(continued)*

^{90}Zr	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008GA10	NUCLEAR REACTIONS ^{9}Be(^{36}Ar, X)^{19}F / ^{20}Ne / ^{21}Na / ^{22}Mg / ^{23}Al, E=130 MeV / nucleon; measured energy loss, intensities for reaction products. ^{9}Be(^{24}Si, X)^{23}Al / ^{23}Si, E=85.3 MeV / nucleon; measured single-particle cross sections, momentum distributions, spectroscopic factors. ^{9}Be(^{28}S, X)^{27}P, E=80.7 MeV / nucleon; measured Eγ, Iγ.^{9}Be(^{28}S, X)^{27}P / ^{27}S, E=80.7 MeV / nucleon; measured single particle cross sections, spectroscopic factors, momentum distributions. ^{7}Li, ^{8}B, ^{9,12,15}C, ^{16}O, ^{32,34,36}Ar, ^{24,30}Si, ^{26,28}S, ^{31}P, ^{40,48}Ca, ^{51}V, ^{90}Zr, ^{208}Pb; systematics of cross sections. JOUR PRVCA 77 044306
	2008HE10	NUCLEAR REACTIONS ^{79,81}Br, ^{85,87}Rb(n, γ), E=0-120 keV; measured Eγ, Iγ, σ. ^{78,80,82}Se, ^{79,81}Br, ^{80,82,83,84,86}Kr; ^{85,87}Rb, ^{86,87,88}Sr, ^{89}Y, ^{90}Zr; deduced total s-process abundances. JOUR PRVCA 78 025802
	2008KU16	NUCLEAR REACTIONS ^{90}Zr(^{6}Li, ^{6}Li), E=11, 12, 13, 14, 15, 17, 19, 21, 25, 30 MeV; measured angular distributions, σ, optical potentials, normalization factors. Comparison with Continuum Discretized Coupled Channels calculations. JOUR PRVCA 78 044617
	2008PIZY	NUCLEAR REACTIONS Ni, ^{90,92}Zr, ^{118}Sn, ^{208}Pb(^{20}Ne, ^{20}Ne'), E not given; measured particle spectra, $\sigma(\theta)$; deduced quasielatic barrier distributions; calculated barrier distributions; ^{90,92}Zr(^{20}Ne, X), E not given; measured excitation-energy spectra. Compared results to Coupled Channel calculations. CONF Crete(FINUSTAR 2),Proc.P238,Piasecki
	2008UT02	NUCLEAR REACTIONS ^{91,92,94}Zr(γ, n), E not given; measured En, In, cross sections. Compared results to model calculations. JOUR PRLTA 100 162502

A=90 *(continued)*

	2008UTZZ	NUCLEAR REACTIONS ^{91,92,94}Zr(γ, n), E $\approx$ 8-17 MeV; measured σ; calculated σ; deduced E1 and M1 strength functions. Compared results to data. CONF Crete(FINUSTAR 2),Proc.P173,Utsunomiya
^{90}Nb	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008DI17	NUCLEAR REACTIONS ^{93}Nb(p, X)^{90}Mo / ^{93}Mo / ^{90}Nb / ^{91}Nb / ^{92}Nb / ^{86}Zr / ^{88}Zr / ^{89}Zr / ^{86}Y / ^{87}Y / ^{88}Y / ^{85}Zr, E=30-70 MeV; measured Eγ, Iγ, excitation functions using the stacked foil activation technique. JOUR NIMBE 266 5087
	2008UD02	NUCLEAR REACTIONS Zr(p, X)^{88}Zr / ^{89}Zr / ^{86}Y / ^{87}Y / ^{88}Y / ^{90}Nb / ^{92}Nb / ^{95}Nb / ^{96}Nb, E=4-40 MeV; measured Eγ, Iγ, cross sections, and excitation functions using the stacked foil activation technique. JOUR NIMBE 266 13

A=90 *(continued)*

^{90}Mo	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008DI17	NUCLEAR REACTIONS ^{93}Nb(p, X)^{90}Mo / ^{93}Mo / ^{90}Nb / ^{91}Nb / ^{92}Nb / ^{86}Zr / ^{88}Zr / ^{89}Zr / ^{86}Y / ^{87}Y / ^{88}Y / ^{85}Zr, E=30-70 MeV; measured Eγ, Iγ, excitation functions using the stacked foil activation technique. JOUR NIMBE 266 5087
	2008UD01	NUCLEAR REACTIONS Mo(p, X)^{89g}Nb / ^{93m,93g}Tc / ^{94m}Tc, E=25.9-67.8 MeV; Mo(p, X)^{90}Mo / ^{97}Nb, E=31.9-67.8 MeV; Mo(p, X)^{89m}Nb, E=46.6-67.8 MeV; measured Eγ, Iγ, excitation functions, cross sections and integral yields using stacked-foil activation technique, natural Mo target. ^{89}Nb, ^{89m}Nb, ^{90}Mo, ^{93m}Tc, ^{93g}Tc, ^{94m}Tc, ^{97}Nb; isotopic yields and production. JOUR ARISE 66 208
^{90}Tc	2007HEZV	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm, ^{113}Xe, ^{111,112,113}I, ^{109,110,111,112}Te, ^{107,109,111}Sb, ^{105,106}Sn, ^{102,103,104,105}In, ^{101,102,103,104}Cd, ^{99,101,103}Ag, ^{89,90,91,92,93,94}Tc, ^{90,91,92,94,96}Ru, ^{92,93,95,96,97,98}Rh; measured masses. SHIPTRAP penning trap spectrometer. CONF Lisbon (PROCON 2007),Proc.P319,Herfurth
^{90}Ru	2007HEZV	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm, ^{113}Xe, ^{111,112,113}I, ^{109,110,111,112}Te, ^{107,109,111}Sb, ^{105,106}Sn, ^{102,103,104,105}In, ^{101,102,103,104}Cd, ^{99,101,103}Ag, ^{89,90,91,92,93,94}Tc, ^{90,91,92,94,96}Ru, ^{92,93,95,96,97,98}Rh; measured masses. SHIPTRAP penning trap spectrometer. CONF Lisbon (PROCON 2007),Proc.P319,Herfurth

A=91

^{91}Kr	2008HW03	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{89,91}Kr, ^{159}Sm; deduced levels, J, π, bands, configurations. ^{90,92}Kr, ^{161}Gd, ^{163}Dy; comparison with adopted levels. JOUR PRVCA 78 017303
^{91}Sr	2007KRZY	NUCLEAR REACTIONS ^{127}I(d, X)^{111}In / ^{119}Te / ^{121}I / ^{122}Sb / ^{123}I / ^{124}I / ^{125}Xe / ^{126}I, E=2.52 GeV; measured yields; ^{129}I(d, X)^{121}Te / ^{124}I / ^{126}I / ^{130}I, E=2.52 GeV; measured yields; ^{237}Np(d, X)^{97}Zr / ^{99}Mo / ^{132}Te / ^{133}I / ^{238}Np, E=2.52 GeV; measured yields; ^{238}Pu(d, X)^{97}Zr / ^{135}Xe, E$\approx$2.5 GeV; measured yields; ^{239}Pu(d, X)^{103}Ru / ^{128}Sb / ^{132}Te / ^{133}I / ^{135}I / ^{135}Xe / ^{140}Ba / ^{143}Ce / ^{91}Sr / ^{97}Zr, E$\approx$2.5 GeV; measured yields; ^{26}Al(n, α), ^{197}Au(n, γ), ^{197}Au(n, 2n), ^{197}Au(n, 4n), E not given; measured radial distributions of production rates of daughter nuclei; ^{89}Y(n, 2n), ^{89}Y(n, 3n), ^{89}Y(n, 4n), E not given; measured production rates of daughter nuclei. activation detector for transmutation setup; ^{238}U, Pb(n, f), ^{238}U, Pb(n, γ), E not given; measured σ. REPT JINR-E1-2007-7,Krivopustov
	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

A=91 ***(continued)***

^{91}Y	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
^{91}Zr	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008TA04	NUCLEAR REACTIONS ^{90}Zr(n, γ), E<250 MeV; measured σ, neutron resonances. Eγ, Iγ, n-TOF spallation source. R-matrix analysis. JOUR PRVCA 77 035802
	2008UT02	NUCLEAR REACTIONS ^{91,92,94}Zr(γ, n), E not given; measured En, In, cross sections. Compared results to model calculations. JOUR PRLTA 100 162502

A=91 ***(continued)***

	2008UTZZ	NUCLEAR REACTIONS ^{91,92,94}Zr(γ, n), E $\approx$ 8-17 MeV; measured σ; calculated σ; deduced E1 and M1 strength functions. Compared results to data. CONF Crete(FINUSTAR 2),Proc.P173,Utsunomiya
^{91}Nb	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008DI17	NUCLEAR REACTIONS ^{93}Nb(p, X)^{90}Mo / ^{93}Mo / ^{90}Nb / ^{91}Nb / ^{92}Nb / ^{86}Zr / ^{88}Zr / ^{89}Zr / ^{86}Y / ^{87}Y / ^{88}Y / ^{85}Zr, E=30-70 MeV; measured Eγ, Iγ, excitation functions using the stacked foil activation technique. JOUR NIMBE 266 5087
	2008NA05	NUCLEAR REACTIONS ^{92}Mo(γ, p), (γ, n), (γ, α), E not given; ^{144}Sm(γ, n), (γ, α), E not given; measured Eγ, Iγ, activation yields. Comparison with model calculations. JOUR JPGPE 35 014036

A=91 ***(continued)***

^{91}Mo	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008NA05	NUCLEAR REACTIONS ^{92}Mo(γ, p), (γ, n), (γ, α), E not given; ^{144}Sm(γ, n), (γ, α), E not given; measured Eγ, Iγ, activation yields. Comparison with model calculations. JOUR JPGPE 35 014036
^{91}Tc	2007HEZV	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm, ^{113}Xe, ^{111,112,113}I, ^{109,110,111,112}Te, ^{107,109,111}Sb, ^{105,106}Sn, ^{102,103,104,105}In, ^{101,102,103,104}Cd, ^{99,101,103}Ag, ^{89,90,91,92,93,94}Tc, ^{90,91,92,94,96}Ru, ^{92,93,95,96,97,98}Rh; measured masses. SHIPTRAP penning trap spectrometer. CONF Lisbon (PROCON 2007),Proc.P319,Herfurth
^{91}Ru	2007HEZV	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm, ^{113}Xe, ^{111,112,113}I, ^{109,110,111,112}Te, ^{107,109,111}Sb, ^{105,106}Sn, ^{102,103,104,105}In, ^{101,102,103,104}Cd, ^{99,101,103}Ag, ^{89,90,91,92,93,94}Tc, ^{90,91,92,94,96}Ru, ^{92,93,95,96,97,98}Rh; measured masses. SHIPTRAP penning trap spectrometer. CONF Lisbon (PROCON 2007),Proc.P319,Herfurth

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^{92}Br	2006JO14	ATOMIC MASSES ^{96,97,98,99,100,101,102,103,104,105,106}Zr, ^{98,99,100,101,102,103,104,105,106}Nb, ^{99,100,101,102,103,104,105,106,107,108,109,110}Mo; reviewed cooling and trapping techniques, high-precision measurements of the ground state properties of exotic nuclei. Penning trap (JYFLTRAP at IGISOL facility) method and collinear laser spectroscopy. ^{117}Pd; measured conversion electrons from isomer decay. ^{22}Mg, ^{34}Ar, ^{46}V, ^{62}Ga, ^{74}Rb; reviewed superallowed β decay Ft values. ^{92}Br; measured time of flight spectrum.^{102}Nb; measured γ rays following β^- decay. JOUR IMSPF 251 204
^{92}Kr	2008HW03	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{89,91}Kr, ^{159}Sm; deduced levels, J, π, bands, configurations. ^{90,92}Kr, ^{161}Gd, ^{163}Dy; comparison with adopted levels. JOUR PRVCA 78 017303
^{92}Sr	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008LE19	RADIOACTIVITY ^{92}Sr; measured Eγ, Iγ, $T_{1/2}$. JOUR ARISE 66 1450
	2008SI09	NUCLEAR REACTIONS ^{169}Tm(^{16}O, X), E=5.9 MeV / nucleon; measured Eγ, Iγ. ^{107}In;^{66}Ge;^{88}Nb;^{95}Y;^{83}Se;^{99m}Tc;^{109}Sn;^{101}Tc;^{79}As;^{105}In;^{108m}Rh;^{95}Ru;^{92}Y;^{98m}Nb;^{87}Kr;^{92}Sr; deduced σ of fission like events after complete and / or incomplete fusion. Recoil-catcher technique, γ-spectroscopy. JOUR IMPEE 17 549
^{92}Y	2007BU35	NUCLEAR REACTIONS ^{208}Pb(^{90}Zr, X)^{89}Rb, E=590 MeV; ^{238}U(^{82}Se, X)^{92}Y / ^{93}Y, E=505 MeV; measured Eγ, Iγ, $\gamma\gamma\gamma$-coin, angular distribution, multipolarity. ^{89}Rb, ^{92,93}Y; deduced levels, J, π, configurations. Comparisons to shell model calculations, and structure in ^{94}Nb. JOUR PRVCA 76 064301

A=92 ***(continued)***

2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

2008SI09 NUCLEAR REACTIONS ^{169}Tm(^{16}O, X), E=5.9 MeV / nucleon; measured Eγ, Iγ. ^{107}In;^{66}Ge;^{88}Nb;^{95}Y;^{83}Se;^{99m}Tc;^{109}Sn;^{101}Tc;^{79}As;^{105}In;^{108m}Rh;^{95}Ru;^{92}Y;^{98m}Nb;^{87}Kr;^{92}Sr; deduced σ of fission like events after complete and / or incomplete fusion. Recoil-catcher technique, γ-spectroscopy. JOUR IMPEE 17 549

^{92}Zr

2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

A=92 ***(continued)***

	2008PIZY	NUCLEAR REACTIONS Ni, ^{90,92}Zr, ^{118}Sn, ^{208}Pb(^{20}Ne, ^{20}Ne'), E not given; measured particle spectra, $\sigma(\theta)$; deduced quasielatic barrier distributions; calculated barrier distributions; ^{90,92}Zr(^{20}Ne, X), E not given; measured excitation-energy spectra. Compared results to Coupled Channel calculations. CONF Crete(FINUSTAR 2),Proc.P238,Piasecki
	2008TA29	NUCLEAR REACTIONS ^{91}Zr(n, γ), E<26 keV; measured σ, resonance energies, partial γ and neutron widths, deduced spins, capture bands. R-matrix analysis of resonances. Time-of-flight method. JOUR PRVCA 78 045804
	2008WE07	NUCLEAR MOMENTS C(^{92}Zr, ^{92}Zr'), (^{94}Zr, ^{94}Zr'), E=275 MeV; ^{92,94}Zr; measured g factors. Transient field technique. JOUR PRVCA 78 031301
^{92}Nb	2007LU18	NUCLEAR REACTIONS ^{175}Lu, ^{198}Pt, ^{82}Se(n, 2n), E=13.5-14.6 MeV; measured Eγ, Iγ; deduced cross sections, isomeric cross section ratios. ^{93}Nb(n, 2n), E=13.5-14.6 MeV; compared cross sections. Comparisons with nuclear model calculations using the HFTT code. JOUR NIMBE 265 453
	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008AV02	NUCLEAR REACTIONS ^{93}Nb(p, n), (p, np), (p, nα), E < 17.4 MeV; measured Eγ, Iγ, excitation functions using stacked foil activation technique. Compared results to existing data and model calculations. JOUR NIMBE 266 3353
	2008DI17	NUCLEAR REACTIONS ^{93}Nb(p, X)^{90}Mo / ^{93}Mo / ^{90}Nb / ^{91}Nb / ^{92}Nb / ^{86}Zr / ^{88}Zr / ^{89}Zr / ^{86}Y / ^{87}Y / ^{88}Y / ^{85}Zr, E=30-70 MeV; measured Eγ, Iγ, excitation functions using the stacked foil activation technique. JOUR NIMBE 266 5087

A=92 ***(continued)***

	2008FU08	NUCLEAR REACTIONS ^{27}Al, ^{28}Si, ^{29}Si, ^{41}K, ^{51}V, ^{61}Ni, ^{65}Cu, ^{64,67}Zn, ^{69}Ga, ^{79}Br, ^{92}Mo(n, p), E=3.5-5.9 MeV; ^{69}Ga, ^{93}Nb(n, α), E=3.5-5.9 MeV; measured Eγ, Iγ, cross sections using the activation technique. JOUR ANEND 35 1652
	2008UD02	NUCLEAR REACTIONS Zr(p, X)^{88}Zr / ^{89}Zr / ^{86}Y / ^{87}Y / ^{88}Y / ^{90}Nb / ^{92}Nb / ^{95}Nb / ^{96}Nb, E=4-40 MeV; measured Eγ, Iγ, cross sections, and excitation functions using the stacked foil activation technique. JOUR NIMBE 266 13
	2008ZH21	NUCLEAR REACTIONS ^{93}Nb, ^{184,186,192}Os(n, 2n), ^{189}Os(n, p), ^{190}Os(n, α), E=13.5, 14.7 MeV; measured Eγ, Iγ, σ. JOUR ARISE 66 1488
^{92}Mo	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008DE16	ATOMIC MASSES ^{96,98,99,100,101,102,104}Ru; measured absolute isotopic abundances by thermal-ionization mass spectrometry. ^{92,94,95,96,97,98,100}Mo, ^{138,139}La, ^{168,170,171,172,173,174,176}Yb, ^{180,181}Ta; compiled absolute isotopic abundances. JOUR PRVCA 77 045803
	2008WA07	NUCLEAR REACTIONS ^{92,94,96,98,100}Mo(γ, γ'), E not given; measured Eγ, Iγ, photoabsorption cross sections. JOUR JPGPE 35 014035
^{92}Tc	2007HEZV	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm, ^{113}Xe, ^{111,112,113}I, ^{109,110,111,112}Te, ^{107,109,111}Sb, ^{105,106}Sn, ^{102,103,104,105}In, ^{101,102,103,104}Cd, ^{99,101,103}Ag, ^{89,90,91,92,93,94}Tc, ^{90,91,92,94,96}Ru, ^{92,93,95,96,97,98}Rh; measured masses. SHIPTRAP penning trap spectrometer. CONF Lisbon (PROCON 2007),Proc.P319,Herfurth

A=92 ***(continued)***

	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
^{92}Ru	2007HEZV	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm, ^{113}Xe, ^{111,112,113}I, ^{109,110,111,112}Te, ^{107,109,111}Sb, ^{105,106}Sn, ^{102,103,104,105}In, ^{101,102,103,104}Cd, ^{99,101,103}Ag, ^{89,90,91,92,93,94}Tc, ^{90,91,92,94,96}Ru, ^{92,93,95,96,97,98}Rh; measured masses. SHIPTRAP penning trap spectrometer. CONF Lisbon (PROCON 2007),Proc.P319,Herfurth
	2008FA11	ATOMIC MASSES ^{92}Ru, ^{93}Rh; measured masses; deduced mass excesses, proton separation energies. Penning trap method. JOUR PRVCA 78 022801
^{92}Rh	2007HEZV	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm, ^{113}Xe, ^{111,112,113}I, ^{109,110,111,112}Te, ^{107,109,111}Sb, ^{105,106}Sn, ^{102,103,104,105}In, ^{101,102,103,104}Cd, ^{99,101,103}Ag, ^{89,90,91,92,93,94}Tc, ^{90,91,92,94,96}Ru, ^{92,93,95,96,97,98}Rh; measured masses. SHIPTRAP penning trap spectrometer. CONF Lisbon (PROCON 2007),Proc.P319,Herfurth
	2008KA30	ATOMIC MASSES ^{92}Rh, ^{94}Pd; measured masses using the JYFLTRAP mass spectrometer. ^{93}Pd, ^{94}Ag; deduced masses. JOUR PRLTA 101 142503

A=93

^{93}Sr	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
^{93}Y	2007BU35	NUCLEAR REACTIONS ^{208}Pb(^{90}Zr, X)^{89}Rb, E=590 MeV; ^{238}U(^{82}Se, X)^{92}Y / ^{93}Y, E=505 MeV; measured Eγ, Iγ, γγγ-coin, angular distribution, multipolarity. ^{89}Rb, ^{92,93}Y; deduced levels, J, π, configurations. Comparisons to shell model calculations, and structure in ^{94}Nb. JOUR PRVCA 76 064301
	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

A=93 ***(continued)***

^{93}Zr	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008UT02	NUCLEAR REACTIONS ^{91,92,94}Zr(γ, n), E not given; measured En, In, cross sections. Compared results to model calculations. JOUR PRLTA 100 162502
	2008UTZZ	NUCLEAR REACTIONS ^{91,92,94}Zr(γ, n), E $\approx$ 8-17 MeV; measured σ; calculated σ; deduced E1 and M1 strength functions. Compared results to data. CONF Crete(FINUSTAR 2),Proc.P173,Utsunomiya
^{93}Nb	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

A=93 *(continued)*

^{93}Mo	2007LU19	NUCLEAR REACTIONS ^{27}Al(n, α), E=13.5-14.8 MeV; ^{96,98,104}Ru(n, 2n), E=13.5-14.8 MeV; ^{96,102,104}Ru(n, p)^{96}Tc / ^{96m}Tc / ^{102m}Tc / ^{104}Tc, E=13.5-14.8 MeV; ^{96,102,104}Ru(n, α)^{93m}Mo / ^{99}Mo / ^{101}Mo, E=13.5-14.8 MeV; ^{96}Ru(n, d)^{95m}Tc, E=13.5-14.8 MeV; measured Eγ, Iγ, cross sections. JOUR PRVCA 76 057601
	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008AV02	NUCLEAR REACTIONS ^{93}Nb(p, n), (p, np), (p, nα), E < 17.4 MeV; measured Eγ, Iγ, excitation functions using stacked foil activation technique. Compared results to existing data and model calculations. JOUR NIMBE 266 3353
	2008DI17	NUCLEAR REACTIONS ^{93}Nb(p, X)^{90}Mo / ^{93}Mo / ^{90}Nb / ^{91}Nb / ^{92}Nb / ^{86}Zr / ^{88}Zr / ^{89}Zr / ^{86}Y / ^{87}Y / ^{88}Y / ^{85}Zr, E=30-70 MeV; measured Eγ, Iγ, excitation functions using the stacked foil activation technique. JOUR NIMBE 266 5087
	2008NA22	NUCLEAR REACTIONS Y(^{7}Li, 3n)^{93}Mo, E=43.2 MeV; measured Eγ, Iγ, yields. JOUR ARISE 66 1793
^{93}Tc	2007HEZV	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm, ^{113}Xe, ^{111,112,113}I, ^{109,110,111,112}Te, ^{107,109,111}Sb, ^{105,106}Sn, ^{102,103,104,105}In, ^{101,102,103,104}Cd, ^{99,101,103}Ag, ^{89,90,91,92,93,94}Tc, ^{90,91,92,94,96}Ru, ^{92,93,95,96,97,98}Rh; measured masses. SHIPTRAP penning trap spectrometer. CONF Lisbon (PROCON 2007),Proc.P319,Herfurth

A=93 *(continued)*

	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008UD01	NUCLEAR REACTIONS Mo(p, X)^{89g}Nb / ^{93m,93g}Tc / ^{94m}Tc, E=25.9-67.8 MeV; Mo(p, X)^{90}Mo / ^{97}Nb, E=31.9-67.8 MeV; Mo(p, X)^{89m}Nb, E=46.6-67.8 MeV; measured Eγ, Iγ, excitation functions, cross sections and integral yields using stacked-foil activation technique, natural Mo target. ^{89}Nb, ^{89m}Nb, ^{90}Mo, ^{93m}Tc, ^{93g}Tc, ^{94m}Tc, ^{97}Nb; isotopic yields and production. JOUR ARISE 66 208
^{93}Rh	2007HEZV	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm, ^{113}Xe, ^{111,112,113}I, ^{109,110,111,112}Te, ^{107,109,111}Sb, ^{105,106}Sn, ^{102,103,104,105}In, ^{101,102,103,104}Cd, ^{99,101,103}Ag, ^{89,90,91,92,93,94}Tc, ^{90,91,92,94,96}Ru, ^{92,93,95,96,97,98}Rh; measured masses. SHIPTRAP penning trap spectrometer. CONF Lisbon (PROCON 2007),Proc.P319,Herfurth
	2008FA11	ATOMIC MASSES ^{92}Ru, ^{93}Rh; measured masses; deduced mass excesses, proton separation energies. Penning trap method. JOUR PRVCA 78 022801
^{93}Pd	2008KA30	ATOMIC MASSES ^{92}Rh, ^{94}Pd; measured masses using the JYFLTRAP mass spectrometer. ^{93}Pd, ^{94}Ag; deduced masses. JOUR PRLTA 101 142503

A=94

^{94}Rb	2008TS03	NUCLEAR REACTIONS ^{235}U(n, F), E=thermal; measured Eγ, Iγ, $\gamma\gamma$-coin, fragment mass distributions. ^{94}Rb; deduced levels, J, π, configurations. JOUR PRVCA 78 011301

A=94 *(continued)*

^{94}Y	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
^{94}Zr	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008WE07	NUCLEAR MOMENTS C(^{92}Zr, ^{92}Zr'), (^{94}Zr, ^{94}Zr'), E=275 MeV; ^{92,94}Zr; measured g factors. Transient field technique. JOUR PRVCA 78 031301

A=94 *(continued)*

^{94}Nb	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
^{94}Mo	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008DE16	ATOMIC MASSES ^{96,98,99,100,101,102,104}Ru; measured absolute isotopic abundances by thermal-ionization mass spectrometry. ^{92,94,95,96,97,98,100}Mo, ^{138,139}La, ^{168,170,171,172,173,174,176}Yb, ^{180,181}Ta; compiled absolute isotopic abundances. JOUR PRVCA 77 045803
	2008WA07	NUCLEAR REACTIONS ^{92,94,96,98,100}Mo(γ, γ'), E not given; measured Eγ, Iγ, photoabsorption cross sections. JOUR JPGPE 35 014035

A=94 *(continued)*

^{94}Tc	2007HEZV	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm, ^{113}Xe, ^{111,112,113}I, ^{109,110,111,112}Te, ^{107,109,111}Sb, ^{105,106}Sn, ^{102,103,104,105}In, ^{101,102,103,104}Cd, ^{99,101,103}Ag, ^{89,90,91,92,93,94}Tc, ^{90,91,92,94,96}Ru, ^{92,93,95,96,97,98}Rh; measured masses. SHIPTRAP penning trap spectrometer. CONF Lisbon (PROCON 2007),Proc.P319,Herfurth
	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008UD01	NUCLEAR REACTIONS Mo(p, X)^{89g}Nb / ^{93m,93g}Tc / ^{94m}Tc, E=25.9-67.8 MeV; Mo(p, X)^{90}Mo / ^{97}Nb, E=31.9-67.8 MeV; Mo(p, X)^{89m}Nb, E=46.6-67.8 MeV; measured Eγ, Iγ, excitation functions, cross sections and integral yields using stacked-foil activation technique, natural Mo target. ^{89}Nb, ^{89m}Nb, ^{90}Mo, ^{93m}Tc, ^{93g}Tc, ^{94m}Tc, ^{97}Nb; isotopic yields and production. JOUR ARISE 66 208
^{94}Ru	2007HEZV	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm, ^{113}Xe, ^{111,112,113}I, ^{109,110,111,112}Te, ^{107,109,111}Sb, ^{105,106}Sn, ^{102,103,104,105}In, ^{101,102,103,104}Cd, ^{99,101,103}Ag, ^{89,90,91,92,93,94}Tc, ^{90,91,92,94,96}Ru, ^{92,93,95,96,97,98}Rh; measured masses. SHIPTRAP penning trap spectrometer. CONF Lisbon (PROCON 2007),Proc.P319,Herfurth
	2008SI09	NUCLEAR REACTIONS ^{159}Tb(^{16}O, X), E=5.6 MeV / nucleon; measured Eγ, Iγ. ^{77}Kr, ^{84m}Y, ^{80}Sr, ^{75}Br, ^{104}Tc, ^{83}Y, ^{85}Y, ^{87m}Y, ^{81}Sr, ^{83}Sr, ^{85m}Sr, ^{74m}Br, ^{83}Kr, ^{88}Kr, ^{94}Ru, ^{102}Ag, ^{95}Ru, ^{79}Rb, ^{87}Zr, ^{110}In, ^{78}As, ^{112}Ag; deduced σ of fission like events after complete and / or incomplete fusion. Recoil-catcher technique, γ-spectroscopy. JOUR IMPEE 17 549
^{94}Pd	2008KA30	ATOMIC MASSES ^{92}Rh, ^{94}Pd; measured masses using the JYFLTRAP mass spectrometer. ^{93}Pd, ^{94}Ag; deduced masses. JOUR PRLTA 101 142503

A=94 *(continued)*

^{94}Ag	2008KA30	ATOMIC MASSES ^{92}Rh, ^{94}Pd; measured masses using the JYFLTRAP mass spectrometer. ^{93}Pd, ^{94}Ag; deduced masses. JOUR PRLTA 101 142503

A=95

^{95}Y	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008SI09	NUCLEAR REACTIONS ^{169}Tm(^{16}O, X), E=5.9 MeV / nucleon; measured Eγ, Iγ. ^{107}In;^{66}Ge;^{88}Nb;^{95}Y;^{83}Se;^{99m}Tc;^{109}Sn;^{101}Tc;^{79}As;^{105}In;^{108m}Rh;^{95}Ru;^{92}Y;^{98m}Nb;^{87}Kr;^{92}Sr; deduced σ of fission like events after complete and / or incomplete fusion. Recoil-catcher technique, γ-spectroscopy. JOUR IMPEE 17 549

A=95 *(continued)*

^{95}Zr	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008VO04	NUCLEAR REACTIONS ^{180,182}Hf(n, γ), E=thermal; measured Eγ, Iγ, σ, reaction rates. ^{94,96}Zr(n, γ), E=thermal; measured reaction rates. ^{23}Na, ^{37}Cl, ^{55}Mn, ^{115}In, ^{179}Hf, ^{182}Ta(n, γ), E=thermal; measured Eγ. JOUR PRVCA 77 044608
^{95}Nb	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

A=95 ***(continued)***

	2008UD02	NUCLEAR REACTIONS Zr(p, X)^{88}Zr / ^{89}Zr / ^{86}Y / ^{87}Y / ^{88}Y / ^{90}Nb / ^{92}Nb / ^{95}Nb / ^{96}Nb, E=4-40 MeV; measured Eγ, Iγ, cross sections, and excitation functions using the stacked foil activation technique. JOUR NIMBE 266 13
^{95}Mo	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2007SH46	NUCLEAR REACTIONS ^{94,95}Mo(n, γ), E=800 MeV; measured neutron energies, Eγ, Iγ, γ-ray multiplicities. ^{95,96}Mo; deduced neutron resonance levels, J, π. JOUR PRVCA 76 064317
	2008DE16	ATOMIC MASSES ^{96,98,99,100,101,102,104}Ru; measured absolute isotopic abundances by thermal-ionization mass spectrometry. ^{92,94,95,96,97,98,100}Mo, ^{138,139}La, ^{168,170,171,172,173,174,176}Yb, ^{180,181}Ta; compiled absolute isotopic abundances. JOUR PRVCA 77 045803
	2008KR04	NUCLEAR REACTIONS ^{94}Mo(n, γ), E=thermal; measured Eγ, Iγ, $\gamma\gamma$-coin, two-step γ cascades, σ_γ, , multipolarities. ^{95}Mo; deduced levels, J, π, level densities. ^{96}Mo(^{3}He, ^{3}He), ^{97}Mo(^{3}He, $\alpha\gamma$); systematics. JOUR PRVCA 77 054319
^{95}Tc	2007LU19	NUCLEAR REACTIONS ^{27}Al(n, α), E=13.5-14.8 MeV; ^{96,98,104}Ru(n, 2n), E=13.5-14.8 MeV; ^{96,102,104}Ru(n, p)^{96}Tc / ^{96m}Tc / ^{102m}Tc / ^{104}Tc, E=13.5-14.8 MeV; ^{96,102,104}Ru(n, α)^{93m}Mo / ^{99}Mo / ^{101}Mo, E=13.5-14.8 MeV; ^{96}Ru(n, d)^{95m}Tc, E=13.5-14.8 MeV; measured Eγ, Iγ, cross sections. JOUR PRVCA 76 057601

A=95 ***(continued)***

2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

2008LU10 NUCLEAR REACTIONS ^{96}Ru(n, d), E=13.5, 14.1, 14.8 MeV; measured Eγ, Iγ, cross sections using the activation method. JOUR ARISE 66 1920

^{95}Ru 2007LU19 NUCLEAR REACTIONS ^{27}Al(n, α), E=13.5-14.8 MeV; ^{96,98,104}Ru(n, 2n), E=13.5-14.8 MeV; ^{96,102,104}Ru(n, p)^{96}Tc / ^{96m}Tc / ^{102m}Tc / ^{104}Tc, E=13.5-14.8 MeV; ^{96,102,104}Ru(n, α)^{93m}Mo / ^{99}Mo / ^{101}Mo, E=13.5-14.8 MeV; ^{96}Ru(n, d)^{95m}Tc, E=13.5-14.8 MeV; measured Eγ, Iγ, cross sections. JOUR PRVCA 76 057601

A=95 ***(continued)***

2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

2008RA19 NUCLEAR REACTIONS ^{92,94}Mo(α, n), ^{112}Sn(α, γ), E=8.2-11.1 MeV; measured σ, astrophysical S-factors. Comparison with Hartree-Fock-Bogoliubov calculations. JOUR PRVCA 78 025804

2008SI09 NUCLEAR REACTIONS ^{159}Tb(^{16}O, X), E=5.6 MeV / nucleon; measured Eγ, Iγ. ^{77}Kr, ^{84m}Y, ^{80}Sr, ^{75}Br, ^{104}Tc, ^{83}Y, ^{85}Y, ^{87m}Y, ^{81}Sr, ^{83}Sr, ^{85m}Sr, ^{74m}Br, ^{83}Kr, ^{88}Kr, ^{94}Ru, ^{102}Ag, ^{95}Ru, ^{79}Rb, ^{87}Zr, ^{110}In, ^{78}As, ^{112}Ag; deduced σ of fission like events after complete and / or incomplete fusion. Recoil-catcher technique, γ-spectroscopy. JOUR IMPEE 17 549

2008SI09 NUCLEAR REACTIONS ^{169}Tm(^{16}O, X), E=5.9 MeV / nucleon; measured Eγ, Iγ. ^{107}In;^{66}Ge;^{88}Nb;^{95}Y;^{83}Se;^{99m}Tc;^{109}Sn;^{101}Tc;^{79}As;^{105}In;^{108m}Rh;^{95}Ru;^{92}Y;^{98m}Nb;^{87}Kr;^{92}Sr; deduced σ of fission like events after complete and / or incomplete fusion. Recoil-catcher technique, γ-spectroscopy. JOUR IMPEE 17 549

^{95}Rh 2007HEZV ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm, ^{113}Xe, ^{111,112,113}I, ^{109,110,111,112}Te, ^{107,109,111}Sb, ^{105,106}Sn, ^{102,103,104,105}In, ^{101,102,103,104}Cd, ^{99,101,103}Ag, ^{89,90,91,92,93,94}Tc, ^{90,91,92,94,96}Ru, ^{92,93,95,96,97,98}Rh; measured masses. SHIPTRAP penning trap spectrometer. CONF Lisbon (PROCON 2007),Proc.P319,Herfurth

A=96

^{96}Y 2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

^{96}Zr 2006JO14 ATOMIC MASSES ^{96,97,98,99,100,101,102,103,104,105,106}Zr, ^{98,99,100,101,102,103,104,105,106}Nb, ^{99,100,101,102,103,104,105,106,107,108,109,110}Mo; reviewed cooling and trapping techniques, high-precision measurements of the ground state properties of exotic nuclei. Penning trap (JYFLTRAP at IGISOL facility) method and collinear laser spectroscopy. ^{117}Pd; measured conversion electrons from isomer decay. ^{22}Mg, ^{34}Ar, ^{46}V, ^{62}Ga, ^{74}Rb; reviewed superallowed β decay Ft values. ^{92}Br; measured time of flight spectrum.^{102}Nb; measured γ rays following β^- decay. JOUR IMSPF 251 204

A=96 ***(continued)***

	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008DO23	RADIOACTIVITY ^{96}Zr($2\beta^-$); analyzed nuclear matrix elements for $2\nu\beta\beta$ and $0\nu\beta\beta$ decay modes. JOUR PRVCA 78 041602
^{96}Nb	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008DO23	NUCLEAR REACTIONS ^{96}Mo(d, ^{2}He), E=183.5 MeV; measured charged particle spectra, $\sigma(\theta)$. ^{96}Nb; deduced levels, J, π, B(GT). JOUR PRVCA 78 041602

A=96 ***(continued)***

	2008UD02	NUCLEAR REACTIONS Zr(p, X)^{88}Zr / ^{89}Zr / ^{86}Y / ^{87}Y / ^{88}Y / ^{90}Nb / ^{92}Nb / ^{95}Nb / ^{96}Nb, E=4-40 MeV; measured Eγ, Iγ, cross sections, and excitation functions using the stacked foil activation technique. JOUR NIMBE 266 13
^{96}Mo	2007KR19	NUCLEAR REACTIONS ^{96}Mo(^{138}Xe, ^{138}Xe'), (^{140}Xe, ^{140}Xe'), (^{142}Xe, ^{142}Xe'), E=2.84 MeV / nucleon; measured Eγ, Iγ. ^{138,140,142}Xe; deduced B(E2). JOUR ZSTNE 150 127
	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2007SH46	NUCLEAR REACTIONS ^{94,95}Mo(n, γ), E=800 MeV; measured neutron energies, Eγ, Iγ, γ-ray multiplicities. ^{95,96}Mo; deduced neutron resonance levels, J, π. JOUR PRVCA 76 064317
	2008BRZZ	NUCLEAR REACTIONS ^{89}Y, ^{95}Mo(n, γ), E not given; measured Eγ, Iγ; ^{241}Am(n, γ), E=0.02 eV - 100 keV; measured σ. Compared results to ENDFB-VII database. CONF Crete(FINUSTAR 2),Proc.P111,Bredeweg
	2008DE16	ATOMIC MASSES ^{96,98,99,100,101,102,104}Ru; measured absolute isotopic abundances by thermal-ionization mass spectrometry. ^{92,94,95,96,97,98,100}Mo, ^{138,139}La, ^{168,170,171,172,173,174,176}Yb, ^{180,181}Ta; compiled absolute isotopic abundances. JOUR PRVCA 77 045803
	2008DO23	RADIOACTIVITY ^{96}Zr($2\beta^-$); analyzed nuclear matrix elements for $2\nu\beta\beta$ and $0\nu\beta\beta$ decay modes. JOUR PRVCA 78 041602
	2008KR04	NUCLEAR REACTIONS ^{94}Mo(n, γ), E=thermal; measured Eγ, Iγ, $\gamma\gamma$-coin, two-step γ cascades, σ_γ, , multipolarities. ^{95}Mo; deduced levels, J, π, level densities. ^{96}Mo(^{3}He, ^{3}He), ^{97}Mo(^{3}He, $\alpha\gamma$); systematics. JOUR PRVCA 77 054319
	2008SHZY	NUCLEAR REACTIONS ^{95}Mo(n, γ), E=1 eV - 100 keV; measured Eγ, Iγ, γ-coin; deduced photon strength function. Comparison with available data. CONF Yosemit(CNR 2007) Proc.P74,Sheets

A=96 *(continued)*

	2008WA07	NUCLEAR REACTIONS ^{92,94,96,98,100}Mo(γ, γ'), E not given; measured Eγ, Iγ, photoabsorption cross sections. JOUR JPGPE 35 014035
^{96}Tc	2007LU19	NUCLEAR REACTIONS ^{27}Al(n, α), E=13.5-14.8 MeV; ^{96,98,104}Ru(n, 2n), E=13.5-14.8 MeV; ^{96,102,104}Ru(n, p)^{96}Tc / ^{96m}Tc / ^{102m}Tc / ^{104}Tc, E=13.5-14.8 MeV; ^{96,102,104}Ru(n, α)^{93m}Mo / ^{99}Mo / ^{101}Mo, E=13.5-14.8 MeV; ^{96}Ru(n, d)^{95m}Tc, E=13.5-14.8 MeV; measured Eγ, Iγ, cross sections. JOUR PRVCA 76 057601
	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
^{96}Ru	2007HEZV	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm, ^{113}Xe, ^{111,112,113}I, ^{109,110,111,112}Te, ^{107,109,111}Sb, ^{105,106}Sn, ^{102,103,104,105}In, ^{101,102,103,104}Cd, ^{99,101,103}Ag, ^{89,90,91,92,93,94}Tc, ^{90,91,92,94,96}Ru, ^{92,93,95,96,97,98}Rh; measured masses. SHIPTRAP penning trap spectrometer. CONF Lisbon (PROCON 2007),Proc.P319,Herfurth

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	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008DE16	ATOMIC MASSES ^{96,98,99,100,101,102,104}Ru; measured absolute isotopic abundances by thermal-ionization mass spectrometry. ^{92,94,95,96,97,98,100}Mo, ^{138,139}La, ^{168,170,171,172,173,174,176}Yb, ^{180,181}Ta; compiled absolute isotopic abundances. JOUR PRVCA 77 045803
^{96}Rh	2007HEZV	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm, ^{113}Xe, ^{111,112,113}I, ^{109,110,111,112}Te, ^{107,109,111}Sb, ^{105,106}Sn, ^{102,103,104,105}In, ^{101,102,103,104}Cd, ^{99,101,103}Ag, ^{89,90,91,92,93,94}Tc, ^{90,91,92,94,96}Ru, ^{92,93,95,96,97,98}Rh; measured masses. SHIPTRAP penning trap spectrometer. CONF Lisbon (PROCON 2007),Proc.P319,Herfurth
^{96}Ag	2006KA74	RADIOACTIVITY ^{105}Sn(EC), (β^+), (ECp), (β^+); measured Eβ, Iβ, β-delayed Eγ, Iγ, $\beta\gamma$-, $\gamma\gamma$-coin, x-ray spectrum; deduced Q values. Total absorption spectrometer (TAS). ^{70m}Br, ^{96,97,98}Ag, ^{100,102,103}In, ^{103}Sn, ^{113}Xe, ^{117}Ba; reviewed Q values. JOUR IMSPF 251 138

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^{97}Zr	2006JO14	ATOMIC MASSES ^{96,97,98,99,100,101,102,103,104,105,106}Zr, ^{98,99,100,101,102,103,104,105,106}Nb, ^{99,100,101,102,103,104,105,106,107,108,109,110}Mo; reviewed cooling and trapping techniques, high-precision measurements of the ground state properties of exotic nuclei. Penning trap (JYFLTRAP at IGISOL facility) method and collinear laser spectroscopy. ^{117}Pd; measured conversion electrons from isomer decay. ^{22}Mg, ^{34}Ar, ^{46}V, ^{62}Ga, ^{74}Rb; reviewed superallowed β decay Ft values. ^{92}Br; measured time of flight spectrum.^{102}Nb; measured γ rays following β^- decay. JOUR IMSPF 251 204

A=97 ***(continued)***

2007KRZY NUCLEAR REACTIONS ^{127}I(d, X)^{111}In / ^{119}Te / ^{121}I / ^{122}Sb / ^{123}I / ^{124}I / ^{125}Xe / ^{126}I, E=2.52 GeV; measured yields; ^{129}I(d, X)^{121}Te / ^{124}I / ^{126}I / ^{130}I, E=2.52 GeV; measured yields; ^{237}Np(d, X)^{97}Zr / ^{99}Mo / ^{132}Te / ^{133}I / ^{238}Np, E=2.52 GeV; measured yields; ^{238}Pu(d, X)^{97}Zr / ^{135}Xe, E≈2.5 GeV; measured yields; ^{239}Pu(d, X)^{103}Ru / ^{128}Sb / ^{132}Te / ^{133}I / ^{135}I / ^{135}Xe / ^{140}Ba / ^{143}Ce / ^{91}Sr / ^{97}Zr, E≈2.5 GeV; measured yields; ^{26}Al(n, α), ^{197}Au(n, γ), ^{197}Au(n, 2n), ^{197}Au(n, 4n), E not given; measured radial distributions of production rates of daughter nuclei; ^{89}Y(n, 2n), ^{89}Y(n, 3n), ^{89}Y(n, 4n), E not given; measured production rates of daughter nuclei. activation detector for transmutation setup; ^{238}U, Pb(n, f), ^{238}U, Pb(n, γ), E not given; measured σ. REPT JINR-E1-2007-7,Krivopustov

2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

2008VO04 NUCLEAR REACTIONS ^{180,182}Hf(n, γ), E=thermal; measured Eγ, Iγ, σ, reaction rates. ^{94,96}Zr(n, γ), E=thermal; measured reaction rates. ^{23}Na, ^{37}Cl, ^{55}Mn, ^{115}In, ^{179}Hf, ^{182}Ta(n, γ), E=thermal; measured Eγ. JOUR PRVCA 77 044608

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^{97}Nb	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008UD01	NUCLEAR REACTIONS Mo(p, X)^{89g}Nb / ^{93m,93g}Tc / ^{94m}Tc, E=25.9-67.8 MeV; Mo(p, X)^{90}Mo / ^{97}Nb, E=31.9-67.8 MeV; Mo(p, X)^{89m}Nb, E=46.6-67.8 MeV; measured Eγ, Iγ, excitation functions, cross sections and integral yields using stacked-foil activation technique, natural Mo target. ^{89}Nb, ^{89m}Nb, ^{90}Mo, ^{93m}Tc, ^{93g}Tc, ^{94m}Tc, ^{97}Nb; isotopic yields and production. JOUR ARISE 66 208
^{97}Mo	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

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	2008DE16	ATOMIC MASSES ^{96,98,99,100,101,102,104}Ru; measured absolute isotopic abundances by thermal-ionization mass spectrometry. ^{92,94,95,96,97,98,100}Mo, ^{138,139}La, ^{168,170,171,172,173,174,176}Yb, ^{180,181}Ta; compiled absolute isotopic abundances. JOUR PRVCA 77 045803
	2008RA13	NUCLEAR REACTIONS ^{95}Mo(t, p), E=12 MeV; measured Ep, Ip, $\sigma(\theta)$ using nuclear emulsions. ^{97}Mo; deduced levels, J, π. DWBA analysis. JOUR IMPEE 17 1141
^{97}Tc	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
^{97}Ru	2007LU19	NUCLEAR REACTIONS ^{27}Al(n, α), E=13.5-14.8 MeV; ^{96,98,104}Ru(n, 2n), E=13.5-14.8 MeV; ^{96,102,104}Ru(n, p)^{96}Tc / ^{96m}Tc / ^{102m}Tc / ^{104}Tc, E=13.5-14.8 MeV; ^{96,102,104}Ru(n, α)^{93m}Mo / ^{99}Mo / ^{101}Mo, E=13.5-14.8 MeV; ^{96}Ru(n, d)^{95m}Tc, E=13.5-14.8 MeV; measured Eγ, Iγ, cross sections. JOUR PRVCA 76 057601

A=97 ***(continued)***

2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

2008RA19 NUCLEAR REACTIONS ^{92,94}Mo(α, n), ^{112}Sn(α, γ), E=8.2-11.1 MeV; measured σ, astrophysical S-factors. Comparison with Hartree-Fock-Bogoliubov calculations. JOUR PRVCA 78 025804

^{97}Rh 2007HEZV ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm, ^{113}Xe, ^{111,112,113}I, ^{109,110,111,112}Te, ^{107,109,111}Sb, ^{105,106}Sn, ^{102,103,104,105}In, ^{101,102,103,104}Cd, ^{99,101,103}Ag, ^{89,90,91,92,93,94}Tc, ^{90,91,92,94,96}Ru, ^{92,93,95,96,97,98}Rh; measured masses. SHIPTRAP penning trap spectrometer. CONF Lisbon (PROCON 2007),Proc.P319,Herfurth

A=97 *(continued)*

2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

^{97}Ag 2006KA74 RADIOACTIVITY ^{105}Sn(EC), (β^+), (ECp), (β^+); measured Eβ, Iβ, β-delayed Eγ, Iγ, $\beta\gamma$-, $\gamma\gamma$-coin, x-ray spectrum; deduced Q values. Total absorption spectrometer (TAS). ^{70m}Br, ^{96,97,98}Ag, ^{100,102,103}In, ^{103}Sn, ^{113}Xe, ^{117}Ba; reviewed Q values. JOUR IMSPF 251 138

A=98

^{98}Zr 2006JO14 ATOMIC MASSES ^{96,97,98,99,100,101,102,103,104,105,106}Zr, ^{98,99,100,101,102,103,104,105,106}Nb, ^{99,100,101,102,103,104,105,106,107,108,109,110}Mo; reviewed cooling and trapping techniques, high-precision measurements of the ground state properties of exotic nuclei. Penning trap (JYFLTRAP at IGISOL facility) method and collinear laser spectroscopy. ^{117}Pd; measured conversion electrons from isomer decay. ^{22}Mg, ^{34}Ar, ^{46}V, ^{62}Ga, ^{74}Rb; reviewed superallowed β decay Ft values. ^{92}Br; measured time of flight spectrum.^{102}Nb; measured γ rays following β^- decay. JOUR IMSPF 251 204

A=98 ***(continued)***

	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
^{98}Nb	2006JO14	ATOMIC MASSES ^{96,97,98,99,100,101,102,103,104,105,106}Zr, ^{98,99,100,101,102,103,104,105,106}Nb, ^{99,100,101,102,103,104,105,106,107,108,109,110}Mo; reviewed cooling and trapping techniques, high-precision measurements of the ground state properties of exotic nuclei. Penning trap (JYFLTRAP at IGISOL facility) method and collinear laser spectroscopy. ^{117}Pd; measured conversion electrons from isomer decay. ^{22}Mg, ^{34}Ar, ^{46}V, ^{62}Ga, ^{74}Rb; reviewed superallowed β decay Ft values. ^{92}Br; measured time of flight spectrum.^{102}Nb; measured γ rays following β^- decay. JOUR IMSPF 251 204

A=98 ***(continued)***

2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

2008SI09 NUCLEAR REACTIONS ^{169}Tm(^{16}O, X), E=5.9 MeV / nucleon; measured Eγ, Iγ. ^{107}In;^{66}Ge;^{88}Nb;^{95}Y;^{83}Se;^{99m}Tc;^{109}Sn;^{101}Tc;^{79}As;^{105}In;^{108m}Rh;^{95}Ru;^{92}Y;^{98m}Nb;^{87}Kr;^{92}Sr; deduced σ of fission like events after complete and / or incomplete fusion. Recoil-catcher technique, γ-spectroscopy. JOUR IMPEE 17 549

^{98}Mo 2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

A=98 ***(continued)***

	2008DE16	ATOMIC MASSES ^{96,98,99,100,101,102,104}Ru; measured absolute isotopic abundances by thermal-ionization mass spectrometry. ^{92,94,95,96,97,98,100}Mo, ^{138,139}La, ^{168,170,171,172,173,174,176}Yb, ^{180,181}Ta; compiled absolute isotopic abundances. JOUR PRVCA 77 045803
	2008RU04	NUCLEAR REACTIONS ^{98,100}Mo(γ, γ'), E<15 MeV; measured Eγ, Iγ, photoabsorption σ, giant resonances, angular distributions, distribution of mean branching ratios, dipole strength functions; deduced multipolarities. ^{27}Al, ^{28}Si, ^{56}Fe, ^{63}Cu, ^{70,72,73,74}Ge(n, γ), E=thermal; measured Eγ, Iγ. ^{99,101}Mo(γ, n); analyzed cross sections. ^{97}Mo(n, γ), ^{98}Mo(^{3}He, ^{3}He'γ); comparisons. JOUR PRVCA 77 064321
	2008WA07	NUCLEAR REACTIONS ^{92,94,96,98,100}Mo(γ, γ'), E not given; measured Eγ, Iγ, photoabsorption cross sections. JOUR JPGPE 35 014035
^{98}Tc	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

A=98 *(continued)*

^{98}Ru	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008DE16	ATOMIC MASSES ^{96,98,99,100,101,102,104}Ru; measured absolute isotopic abundances by thermal-ionization mass spectrometry. ^{92,94,95,96,97,98,100}Mo, ^{138,139}La, ^{168,170,171,172,173,174,176}Yb, ^{180,181}Ta; compiled absolute isotopic abundances. JOUR PRVCA 77 045803
^{98}Rh	2007HEZV	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm, ^{113}Xe, ^{111,112,113}I, ^{109,110,111,112}Te, ^{107,109,111}Sb, ^{105,106}Sn, ^{102,103,104,105}In, ^{101,102,103,104}Cd, ^{99,101,103}Ag, ^{89,90,91,92,93,94}Tc, ^{90,91,92,94,96}Ru, ^{92,93,95,96,97,98}Rh; measured masses. SHIPTRAP penning trap spectrometer. CONF Lisbon (PROCON 2007),Proc.P319,Herfurth

A=98 *(continued)*

2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

^{98}Ag 2006KA74 RADIOACTIVITY ^{105}Sn(EC), (β^+), (ECp), (β^+); measured Eβ, Iβ, β-delayed Eγ, Iγ, $\beta\gamma$-, $\gamma\gamma$-coin, x-ray spectrum; deduced Q values. Total absorption spectrometer (TAS). ^{70m}Br, ^{96,97,98}Ag, ^{100,102,103}In, ^{103}Sn, ^{113}Xe, ^{117}Ba; reviewed Q values. JOUR IMSPF 251 138

A=99

^{99}Zr 2006JO14 ATOMIC MASSES ^{96,97,98,99,100,101,102,103,104,105,106}Zr, ^{98,99,100,101,102,103,104,105,106}Nb, ^{99,100,101,102,103,104,105,106,107,108,109,110}Mo; reviewed cooling and trapping techniques, high-precision measurements of the ground state properties of exotic nuclei. Penning trap (JYFLTRAP at IGISOL facility) method and collinear laser spectroscopy. ^{117}Pd; measured conversion electrons from isomer decay. ^{22}Mg, ^{34}Ar, ^{46}V, ^{62}Ga, ^{74}Rb; reviewed superallowed β decay Ft values. ^{92}Br; measured time of flight spectrum.^{102}Nb; measured γ rays following β^- decay. JOUR IMSPF 251 204

A=99 ***(continued)***

2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

^{99}Nb 2006JO14 ATOMIC MASSES ^{96,97,98,99,100,101,102,103,104,105,106}Zr, ^{98,99,100,101,102,103,104,105,106}Nb, ^{99,100,101,102,103,104,105,106,107,108,109,110}Mo; reviewed cooling and trapping techniques, high-precision measurements of the ground state properties of exotic nuclei. Penning trap (JYFLTRAP at IGISOL facility) method and collinear laser spectroscopy. ^{117}Pd; measured conversion electrons from isomer decay. ^{22}Mg, ^{34}Ar, ^{46}V, ^{62}Ga, ^{74}Rb; reviewed superallowed β decay Ft values. ^{92}Br; measured time of flight spectrum.^{102}Nb; measured γ rays following β^- decay. JOUR IMSPF 251 204

A=99 *(continued)*

2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

^{99}Mo 2006JO14 ATOMIC MASSES ^{96,97,98,99,100,101,102,103,104,105,106}Zr, ^{98,99,100,101,102,103,104,105,106}Nb, ^{99,100,101,102,103,104,105,106,107,108,109,110}Mo; reviewed cooling and trapping techniques, high-precision measurements of the ground state properties of exotic nuclei. Penning trap (JYFLTRAP at IGISOL facility) method and collinear laser spectroscopy. ^{117}Pd; measured conversion electrons from isomer decay. ^{22}Mg, ^{34}Ar, ^{46}V, ^{62}Ga, ^{74}Rb; reviewed superallowed β decay Ft values. ^{92}Br; measured time of flight spectrum.^{102}Nb; measured γ rays following β^- decay. JOUR IMSPF 251 204

2007KRZY NUCLEAR REACTIONS ^{127}I(d, X)^{111}In / ^{119}Te / ^{121}I / ^{122}Sb / ^{123}I / ^{124}I / ^{125}Xe / ^{126}I, E=2.52 GeV; measured yields; ^{129}I(d, X)^{121}Te / ^{124}I / ^{126}I / ^{130}I, E=2.52 GeV; measured yields; ^{237}Np(d, X)^{97}Zr / ^{99}Mo / ^{132}Te / ^{133}I / ^{238}Np, E=2.52 GeV; measured yields; ^{238}Pu(d, X)^{97}Zr / ^{135}Xe, E≈2.5 GeV; measured yields; ^{239}Pu(d, X)^{103}Ru / ^{128}Sb / ^{132}Te / ^{133}I / ^{135}I / ^{135}Xe / ^{140}Ba / ^{143}Ce / ^{91}Sr / ^{97}Zr, E≈2.5 GeV; measured yields; ^{26}Al(n, α), ^{197}Au(n, γ), ^{197}Au(n, 2n), ^{197}Au(n, 4n), E not given; measured radial distributions of production rates of daughter nuclei; ^{89}Y(n, 2n), ^{89}Y(n, 3n), ^{89}Y(n, 4n), E not given; measured production rates of daughter nuclei. activation detector for transmutation setup; ^{238}U, Pb(n, f), ^{238}U, Pb(n, γ), E not given; measured σ. REPT JINR-E1-2007-7,Krivopustov

2007LU19 NUCLEAR REACTIONS ^{27}Al(n, α), E=13.5-14.8 MeV; ^{96,98,104}Ru(n, 2n), E=13.5-14.8 MeV; ^{96,102,104}Ru(n, p)^{96}Tc / ^{96m}Tc / ^{102m}Tc / ^{104}Tc, E=13.5-14.8 MeV; ^{96,102,104}Ru(n, α)^{93m}Mo / ^{99}Mo / ^{101}Mo, E=13.5-14.8 MeV; ^{96}Ru(n, d)^{95m}Tc, E=13.5-14.8 MeV; measured Eγ, Iγ, cross sections. JOUR PRVCA 76 057601

A=99 ***(continued)***

2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

^{99}Tc 2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

2008SI09 NUCLEAR REACTIONS ^{169}Tm(^{16}O, X), E=5.9 MeV / nucleon; measured Eγ, Iγ. ^{107}In;^{66}Ge;^{88}Nb;^{95}Y;^{83}Se;^{99m}Tc;^{109}Sn;^{101}Tc;^{79}As;^{105}In;^{108m}Rh;^{95}Ru;^{92}Y;^{98m}Nb;^{87}Kr;^{92}Sr; deduced σ of fission like events after complete and / or incomplete fusion. Recoil-catcher technique, γ-spectroscopy. JOUR IMPEE 17 549

A=99 *(continued)*

^{99}Ru	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008DE16	ATOMIC MASSES ^{96,98,99,100,101,102,104}Ru; measured absolute isotopic abundances by thermal-ionization mass spectrometry. ^{92,94,95,96,97,98,100}Mo, ^{138,139}La, ^{168,170,171,172,173,174,176}Yb, ^{180,181}Ta; compiled absolute isotopic abundances. JOUR PRVCA 77 045803
^{99}Rh	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

A=99 *(continued)*

^{99}Pd	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
^{99}Ag	2007HEZV	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm, ^{113}Xe, ^{111,112,113}I, ^{109,110,111,112}Te, ^{107,109,111}Sb, ^{105,106}Sn, ^{102,103,104,105}In, ^{101,102,103,104}Cd, ^{99,101,103}Ag, ^{89,90,91,92,93,94}Tc, ^{90,91,92,94,96}Ru, ^{92,93,95,96,97,98}Rh; measured masses. SHIPTRAP penning trap spectrometer. CONF Lisbon (PROCON 2007),Proc.P319,Herfurth
	2007MA92	ATOMIC MASSES ^{99,101,103}Ag, ^{101,102,103,104}Cd, ^{102,103,104,105}In, ^{105,106}Sn, ^{107,109,111}Sb, ^{109,110,111,112}Te, ^{111,112,113}I, ^{113}Xe; measured and evaluated masses using the SHIPTRAP Penning trap mass spectrometer. ^{104}Sn, ^{105}Sb, ^{108}Te, ^{109}I, ^{112}Xe, ^{113}Cs; evaluated masses. JOUR ZAANE 34 341

A=100

^{100}Zr	2006JO14	ATOMIC MASSES ^{96,97,98,99,100,101,102,103,104,105,106}Zr, ^{98,99,100,101,102,103,104,105,106}Nb, ^{99,100,101,102,103,104,105,106,107,108,109,110}Mo; reviewed cooling and trapping techniques, high-precision measurements of the ground state properties of exotic nuclei. Penning trap (JYFLTRAP at IGISOL facility) method and collinear laser spectroscopy. ^{117}Pd; measured conversion electrons from isomer decay. ^{22}Mg, ^{34}Ar, ^{46}V, ^{62}Ga, ^{74}Rb; reviewed superallowed β decay Ft values. ^{92}Br; measured time of flight spectrum.^{102}Nb; measured γ rays following β^- decay. JOUR IMSPF 251 204

A=100 ***(continued)***

^{100}Nb	2006JO14	ATOMIC MASSES ^{96,97,98,99,100,101,102,103,104,105,106}Zr, ^{98,99,100,101,102,103,104,105,106}Nb, ^{99,100,101,102,103,104,105,106,107,108,109,110}Mo; reviewed cooling and trapping techniques, high-precision measurements of the ground state properties of exotic nuclei. Penning trap (JYFLTRAP at IGISOL facility) method and collinear laser spectroscopy. ^{117}Pd; measured conversion electrons from isomer decay. ^{22}Mg, ^{34}Ar, ^{46}V, ^{62}Ga, ^{74}Rb; reviewed superallowed β decay Ft values. ^{92}Br; measured time of flight spectrum.^{102}Nb; measured γ rays following β^- decay. JOUR IMSPF 251 204
	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
^{100}Mo	2006JO14	ATOMIC MASSES ^{96,97,98,99,100,101,102,103,104,105,106}Zr, ^{98,99,100,101,102,103,104,105,106}Nb, ^{99,100,101,102,103,104,105,106,107,108,109,110}Mo; reviewed cooling and trapping techniques, high-precision measurements of the ground state properties of exotic nuclei. Penning trap (JYFLTRAP at IGISOL facility) method and collinear laser spectroscopy. ^{117}Pd; measured conversion electrons from isomer decay. ^{22}Mg, ^{34}Ar, ^{46}V, ^{62}Ga, ^{74}Rb; reviewed superallowed β decay Ft values. ^{92}Br; measured time of flight spectrum.^{102}Nb; measured γ rays following β^- decay. JOUR IMSPF 251 204

A=100 ***(continued)***

2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

2008DE16 ATOMIC MASSES ^{96,98,99,100,101,102,104}Ru; measured absolute isotopic abundances by thermal-ionization mass spectrometry. ^{92,94,95,96,97,98,100}Mo, ^{138,139}La, ^{168,170,171,172,173,174,176}Yb, ^{180,181}Ta; compiled absolute isotopic abundances. JOUR PRVCA 77 045803

2008RA09 RADIOACTIVITY ^{76}Ge, ^{100}Mo($2\beta^-$); measured Q values using Penning trap. JOUR PYLBB 662 111

2008RU04 NUCLEAR REACTIONS ^{98,100}Mo(γ, γ'), E<15 MeV; measured Eγ, Iγ, photoabsorption σ, giant resonances, angular distributions, distribution of mean branching ratios, dipole strength functions; deduced multipolarities. ^{27}Al, ^{28}Si, ^{56}Fe, ^{63}Cu, ^{70,72,73,74}Ge(n, γ), E=thermal; measured Eγ, Iγ. ^{99,101}Mo(γ, n); analyzed cross sections. ^{97}Mo(n, γ), ^{98}Mo(^{3}He, ^{3}He'γ); comparisons. JOUR PRVCA 77 064321

2008WA07 NUCLEAR REACTIONS ^{92,94,96,98,100}Mo(γ, γ'), E not given; measured Eγ, Iγ, photoabsorption cross sections. JOUR JPGPE 35 014035

A=100 ***(continued)***

^{100}Tc	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
^{100}Ru	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008DE16	ATOMIC MASSES ^{96,98,99,100,101,102,104}Ru; measured absolute isotopic abundances by thermal-ionization mass spectrometry. ^{92,94,95,96,97,98,100}Mo, ^{138,139}La, ^{168,170,171,172,173,174,176}Yb, ^{180,181}Ta; compiled absolute isotopic abundances. JOUR PRVCA 77 045803
	2008RA09	RADIOACTIVITY ^{76}Ge, ^{100}Mo($2\beta^-$); measured Q values using Penning trap. JOUR PYLBB 662 111

A=100 ***(continued)***

^{100}Rh	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008SK01	NUCLEAR REACTIONS ^{100}Ru(α, n), ^{101}Ru(α, 2n), ^{101}Ru(^{3}He, n), ^{102}Ru(^{3}He.2n), ^{101}Ru(^{3}He, X)^{101}Rh, ^{102}Ru(^{3}He, X)^{101}Rh, ^{101}Ru(^{3}He, X)^{102}Rh, ^{102}Ru(^{3}He, X)^{102}Rh, ^{101}Ru(^{3}He, X)^{101g}Rh, ^{102}Ru(^{3}He, X)^{101g}Rh, ^{101}Ru(^{3}He, 3n), ^{102}Ru(^{3}He, 4n), ^{101}Ru(^{3}He, 4n), ^{101}Ru(^{3}He, X)^{100}Rh, E<34 MeV; measured Eγ, Iγ, x-ray spectra, excitation functions, σ. X-ray and γ-ray spectrometry, enriched targets, comparison with calculations. JOUR ARISE 66 653
^{100}Pd	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

A=100 ***(continued)***

	2008SK01	NUCLEAR REACTIONS ^{100}Ru(α, n), ^{101}Ru(α, 2n), ^{101}Ru(^{3}He, n), ^{102}Ru(^{3}He.2n), ^{101}Ru(^{3}He, X)^{101}Rh, ^{102}Ru(^{3}He, X)^{101}Rh, ^{101}Ru(^{3}He, X)^{102}Rh, ^{102}Ru(^{3}He, X)^{102}Rh, ^{101}Ru(^{3}He, X)^{101g}Rh, ^{102}Ru(^{3}He, X)^{101g}Rh, ^{101}Ru(^{3}He, 3n), ^{102}Ru(^{3}He, 4n), ^{101}Ru(^{3}He, 4n), ^{101}Ru(^{3}He, X)^{100}Rh, E<34 MeV; measured Eγ, Iγ, x-ray spectra, excitation functions, σ. X-ray and γ-ray spectrometry, enriched targets, comparison with calculations. JOUR ARISE 66 653
^{100}Cd	2007SEZR	RADIOACTIVITY ^{101}Sn(β^+p) [from ^{46}Ti(^{58}Ni, 3n), E=192 MeV]; ^{145}Tm(p); measured Eπ, Iπ, pγ-coin. CONF Lisbon (PROCON 2007),Proc.P149,Seweryniak
^{100}In	2006KA74	RADIOACTIVITY ^{105}Sn(EC), (β^+), (ECp), (β^+); measured Eβ, Iβ, β-delayed Eγ, Iγ, $\beta\gamma$-, $\gamma\gamma$-coin, x-ray spectrum; deduced Q values. Total absorption spectrometer (TAS). ^{70m}Br, ^{96,97,98}Ag, ^{100,102,103}In, ^{103}Sn, ^{113}Xe, ^{117}Ba; reviewed Q values. JOUR IMSPF 251 138

A=101

^{101}Zr	2006JO14	ATOMIC MASSES ^{96,97,98,99,100,101,102,103,104,105,106}Zr, ^{98,99,100,101,102,103,104,105,106}Nb, ^{99,100,101,102,103,104,105,106,107,108,109,110}Mo; reviewed cooling and trapping techniques, high-precision measurements of the ground state properties of exotic nuclei. Penning trap (JYFLTRAP at IGISOL facility) method and collinear laser spectroscopy. ^{117}Pd; measured conversion electrons from isomer decay. ^{22}Mg, ^{34}Ar, ^{46}V, ^{62}Ga, ^{74}Rb; reviewed superallowed β decay Ft values. ^{92}Br; measured time of flight spectrum.^{102}Nb; measured γ rays following β^- decay. JOUR IMSPF 251 204
	2008WA15	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin, fission yields of ^{103,104,105}Nb, ^{143,145,147}La. ^{104}Nb; deduced levels, J, π, bands, configurations. ^{101,102,103}Nb, ^{101,103}Zr, ^{103,105}Mo; level systematics. JOUR PRVCA 78 014313
^{101}Nb	2006JO14	ATOMIC MASSES ^{96,97,98,99,100,101,102,103,104,105,106}Zr, ^{98,99,100,101,102,103,104,105,106}Nb, ^{99,100,101,102,103,104,105,106,107,108,109,110}Mo; reviewed cooling and trapping techniques, high-precision measurements of the ground state properties of exotic nuclei. Penning trap (JYFLTRAP at IGISOL facility) method and collinear laser spectroscopy. ^{117}Pd; measured conversion electrons from isomer decay. ^{22}Mg, ^{34}Ar, ^{46}V, ^{62}Ga, ^{74}Rb; reviewed superallowed β decay Ft values. ^{92}Br; measured time of flight spectrum.^{102}Nb; measured γ rays following β^- decay. JOUR IMSPF 251 204
	2008WA15	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin, fission yields of ^{103,104,105}Nb, ^{143,145,147}La. ^{104}Nb; deduced levels, J, π, bands, configurations. ^{101,102,103}Nb, ^{101,103}Zr, ^{103,105}Mo; level systematics. JOUR PRVCA 78 014313

A=101 ***(continued)***

^{101}Mo

2006JO14 ATOMIC MASSES ^{96,97,98,99,100,101,102,103,104,105,106}Zr, ^{98,99,100,101,102,103,104,105,106}Nb, ^{99,100,101,102,103,104,105,106,107,108,109,110}Mo; reviewed cooling and trapping techniques, high-precision measurements of the ground state properties of exotic nuclei. Penning trap (JYFLTRAP at IGISOL facility) method and collinear laser spectroscopy. ^{117}Pd; measured conversion electrons from isomer decay. ^{22}Mg, ^{34}Ar, ^{46}V, ^{62}Ga, ^{74}Rb; reviewed superallowed β decay Ft values. ^{92}Br; measured time of flight spectrum.^{102}Nb; measured γ rays following β^- decay. JOUR IMSPF 251 204

2007LU19 NUCLEAR REACTIONS ^{27}Al(n, α), E=13.5-14.8 MeV; ^{96,98,104}Ru(n, 2n), E=13.5-14.8 MeV; ^{96,102,104}Ru(n, p)^{96}Tc / ^{96m}Tc / ^{102m}Tc / ^{104}Tc, E=13.5-14.8 MeV; ^{96,102,104}Ru(n, α)^{93m}Mo / ^{99}Mo / ^{101}Mo, E=13.5-14.8 MeV; ^{96}Ru(n, d)^{95m}Tc, E=13.5-14.8 MeV; measured Eγ, Iγ, cross sections. JOUR PRVCA 76 057601

2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

A=101 ***(continued)***

^{101}Tc 2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

2008SI09 NUCLEAR REACTIONS ^{169}Tm(^{16}O, X), E=5.9 MeV / nucleon; measured Eγ, Iγ. ^{107}In;^{66}Ge;^{88}Nb;^{95}Y;^{83}Se;^{99m}Tc;^{109}Sn;^{101}Tc;^{79}As;^{105}In;^{108m}Rh;^{95}Ru;^{92}Y;^{98m}Nb;^{87}Kr;^{92}Sr; deduced σ of fission like events after complete and / or incomplete fusion. Recoil-catcher technique, γ-spectroscopy. JOUR IMPEE 17 549

^{101}Ru 2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

A=101 ***(continued)***

	2008DE16	ATOMIC MASSES ^{96,98,99,100,101,102,104}Ru; measured absolute isotopic abundances by thermal-ionization mass spectrometry. ^{92,94,95,96,97,98,100}Mo, ^{138,139}La, ^{168,170,171,172,173,174,176}Yb, ^{180,181}Ta; compiled absolute isotopic abundances. JOUR PRVCA 77 045803
^{101}Rh	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008SK01	NUCLEAR REACTIONS ^{100}Ru(α, n), ^{101}Ru(α, 2n), ^{101}Ru(^{3}He, n), ^{102}Ru(^{3}He.2n), ^{101}Ru(^{3}He, X)^{101}Rh, ^{102}Ru(^{3}He, X)^{101}Rh, ^{101}Ru(^{3}He, X)^{102}Rh, ^{102}Ru(^{3}He, X)^{102}Rh, ^{101}Ru(^{3}He, X)^{101g}Rh, ^{102}Ru(^{3}He, X)^{101g}Rh, ^{101}Ru(^{3}He, 3n), ^{102}Ru(^{3}He, 4n), ^{101}Ru(^{3}He, 4n), ^{101}Ru(^{3}He, X)^{100}Rh, E<34 MeV; measured Eγ, Iγ, x-ray spectra, excitation functions, σ. X-ray and γ-ray spectrometry, enriched targets, comparison with calculations. JOUR ARISE 66 653

A=101 ***(continued)***

^{101}Pd 2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

2008SK01 NUCLEAR REACTIONS ^{100}Ru(α, n), ^{101}Ru(α, 2n), ^{101}Ru(^{3}He, n), ^{102}Ru(^{3}He.2n), ^{101}Ru(^{3}He, X)^{101}Rh, ^{102}Ru(^{3}He, X)^{101}Rh, ^{101}Ru(^{3}He, X)^{102}Rh, ^{102}Ru(^{3}He, X)^{102}Rh, ^{101}Ru(^{3}He, X)^{101g}Rh, ^{102}Ru(^{3}He, X)^{101g}Rh, ^{101}Ru(^{3}He, 3n), ^{102}Ru(^{3}He, 4n), ^{101}Ru(^{3}He, 4n), ^{101}Ru(^{3}He, X)^{100}Rh, E<34 MeV; measured Eγ, Iγ, x-ray spectra, excitation functions, σ. X-ray and γ-ray spectrometry, enriched targets, comparison with calculations. JOUR ARISE 66 653

^{101}Ag 2007HEZV ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm, ^{113}Xe, ^{111,112,113}I, ^{109,110,111,112}Te, ^{107,109,111}Sb, ^{105,106}Sn, ^{102,103,104,105}In, ^{101,102,103,104}Cd, ^{99,101,103}Ag, ^{89,90,91,92,93,94}Tc, ^{90,91,92,94,96}Ru, ^{92,93,95,96,97,98}Rh; measured masses. SHIPTRAP penning trap spectrometer. CONF Lisbon (PROCON 2007),Proc.P319,Herfurth

2007MA92 ATOMIC MASSES ^{99,101,103}Ag, ^{101,102,103,104}Cd, ^{102,103,104,105}In, ^{105,106}Sn, ^{107,109,111}Sb, ^{109,110,111,112}Te, ^{111,112,113}I, ^{113}Xe; measured and evaluated masses using the SHIPTRAP Penning trap mass spectrometer. ^{104}Sn, ^{105}Sb, ^{108}Te, ^{109}I, ^{112}Xe, ^{113}Cs; evaluated masses. JOUR ZAANE 34 341

A=101 ***(continued)***

	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
^{101}Cd	2007HEZV	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm, ^{113}Xe, ^{111,112,113}I, ^{109,110,111,112}Te, ^{107,109,111}Sb, ^{105,106}Sn, ^{102,103,104,105}In, ^{101,102,103,104}Cd, ^{99,101,103}Ag, ^{89,90,91,92,93,94}Tc, ^{90,91,92,94,96}Ru, ^{92,93,95,96,97,98}Rh; measured masses. SHIPTRAP penning trap spectrometer. CONF Lisbon (PROCON 2007),Proc.P319,Herfurth
	2007MA92	ATOMIC MASSES ^{99,101,103}Ag, ^{101,102,103,104}Cd, ^{102,103,104,105}In, ^{105,106}Sn, ^{107,109,111}Sb, ^{109,110,111,112}Te, ^{111,112,113}I, ^{113}Xe; measured and evaluated masses using the SHIPTRAP Penning trap mass spectrometer. ^{104}Sn, ^{105}Sb, ^{108}Te, ^{109}I, ^{112}Xe, ^{113}Cs; evaluated masses. JOUR ZAANE 34 341
^{101}Sn	2007LI83	RADIOACTIVITY ^{105}Te, ^{109}Xe(α) [from ^{54}Fe(^{58}Ni, 3n), E=220-225 MeV]; measured Eα, Iα. ^{105}Te, ^{109}Xe; deduced Qα. JOUR ZSTNE 150 131
	2007LIZP	RADIOACTIVITY ^{109}Xe, ^{105}Te(α) [^{109}Xe from ^{54}Fe(^{58}Ni, 3n), E=220-225 MeV]; measured Eα, Ia. ^{109}Xe; deduced $T_{1/2}$. ^{105}Te; deduced $T_{1/2}$, branching ratios to gs and excited states. CONF Lisbon (PROCON 2007),Proc.P123,Liddick
	2007SEZR	RADIOACTIVITY ^{101}Sn(β^+p) [from ^{46}Ti(^{58}Ni, 3n), E=192 MeV]; ^{145}Tm(p); measured Eπ, Iπ, pγ-coin. CONF Lisbon (PROCON 2007),Proc.P149,Seweryniak
	2008SEZZ	NUCLEAR REACTIONS ^{46}Ti(^{58}Ni, 3n), E=192 MeV; measured Eγ, Iγ, particle-γ coin. CONF Crete(FINUSTAR 2),Proc.P79,Seweryniak
	2008SEZZ	RADIOACTIVITY ^{101}Sn(β^-); measured half-life. CONF Crete(FINUSTAR 2),Proc.P79,Seweryniak
^{101}Sb	2008SEZZ	RADIOACTIVITY ^{101}Sn(β^-); measured half-life. CONF Crete(FINUSTAR 2),Proc.P79,Seweryniak

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^{102}Zr	2006JO14	ATOMIC MASSES ^{96,97,98,99,100,101,102,103,104,105,106}Zr, ^{98,99,100,101,102,103,104,105,106}Nb, ^{99,100,101,102,103,104,105,106,107,108,109,110}Mo; reviewed cooling and trapping techniques, high-precision measurements of the ground state properties of exotic nuclei. Penning trap (JYFLTRAP at IGISOL facility) method and collinear laser spectroscopy. ^{117}Pd; measured conversion electrons from isomer decay. ^{22}Mg, ^{34}Ar, ^{46}V, ^{62}Ga, ^{74}Rb; reviewed superallowed β decay Ft values. ^{92}Br; measured time of flight spectrum.^{102}Nb; measured γ rays following β^- decay. JOUR IMSPF 251 204
	2008LI45	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin, angular correlations. ^{102}Zr; deduced levels, J, π, bands. JOUR PRVCA 78 044317
^{102}Nb	2006JO14	ATOMIC MASSES ^{96,97,98,99,100,101,102,103,104,105,106}Zr, ^{98,99,100,101,102,103,104,105,106}Nb, ^{99,100,101,102,103,104,105,106,107,108,109,110}Mo; reviewed cooling and trapping techniques, high-precision measurements of the ground state properties of exotic nuclei. Penning trap (JYFLTRAP at IGISOL facility) method and collinear laser spectroscopy. ^{117}Pd; measured conversion electrons from isomer decay. ^{22}Mg, ^{34}Ar, ^{46}V, ^{62}Ga, ^{74}Rb; reviewed superallowed β decay Ft values. ^{92}Br; measured time of flight spectrum.^{102}Nb; measured γ rays following β^- decay. JOUR IMSPF 251 204
	2008WA15	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin, fission yields of ^{103,104,105}Nb, ^{143,145,147}La. ^{104}Nb; deduced levels, J, π, bands, configurations. ^{101,102,103}Nb, ^{101,103}Zr, ^{103,105}Mo; level systematics. JOUR PRVCA 78 014313
^{102}Mo	2006JO14	ATOMIC MASSES ^{96,97,98,99,100,101,102,103,104,105,106}Zr, ^{98,99,100,101,102,103,104,105,106}Nb, ^{99,100,101,102,103,104,105,106,107,108,109,110}Mo; reviewed cooling and trapping techniques, high-precision measurements of the ground state properties of exotic nuclei. Penning trap (JYFLTRAP at IGISOL facility) method and collinear laser spectroscopy. ^{117}Pd; measured conversion electrons from isomer decay. ^{22}Mg, ^{34}Ar, ^{46}V, ^{62}Ga, ^{74}Rb; reviewed superallowed β decay Ft values. ^{92}Br; measured time of flight spectrum.^{102}Nb; measured γ rays following β^- decay. JOUR IMSPF 251 204

A=102 ***(continued)***

	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
^{102}Tc	2007LU19	NUCLEAR REACTIONS ^{27}Al(n, α), E=13.5-14.8 MeV; ^{96,98,104}Ru(n, 2n), E=13.5-14.8 MeV; ^{96,102,104}Ru(n, p)^{96}Tc / ^{96m}Tc / ^{102m}Tc / ^{104}Tc, E=13.5-14.8 MeV; ^{96,102,104}Ru(n, α)^{93m}Mo / ^{99}Mo / ^{101}Mo, E=13.5-14.8 MeV; ^{96}Ru(n, d)^{95m}Tc, E=13.5-14.8 MeV; measured Eγ, Iγ, cross sections. JOUR PRVCA 76 057601
	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

A=102 ***(continued)***

^{102}Ru	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008DE16	ATOMIC MASSES ^{96,98,99,100,101,102,104}Ru; measured absolute isotopic abundances by thermal-ionization mass spectrometry. ^{92,94,95,96,97,98,100}Mo, ^{138,139}La, ^{168,170,171,172,173,174,176}Yb, ^{180,181}Ta; compiled absolute isotopic abundances. JOUR PRVCA 77 045803
^{102}Rh	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

A=102 ***(continued)***

	2008SK01	NUCLEAR REACTIONS ^{100}Ru(α, n), ^{101}Ru(α, 2n), ^{101}Ru(^{3}He, n), ^{102}Ru(^{3}He.2n), ^{101}Ru(^{3}He, X)^{101}Rh, ^{102}Ru(^{3}He, X)^{101}Rh, ^{101}Ru(^{3}He, X)^{102}Rh, ^{102}Ru(^{3}He, X)^{102}Rh, ^{101}Ru(^{3}He, X)^{101g}Rh, ^{102}Ru(^{3}He, X)^{101g}Rh, ^{101}Ru(^{3}He, 3n), ^{102}Ru(^{3}He, 4n), ^{101}Ru(^{3}He, 4n), ^{101}Ru(^{3}He, X)^{100}Rh, E<34 MeV; measured Eγ, Iγ, x-ray spectra, excitation functions, σ. X-ray and γ-ray spectrometry, enriched targets, comparison with calculations. JOUR ARISE 66 653
^{102}Pd	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
^{102}Ag	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

A=102 ***(continued)***

	2008SI09	NUCLEAR REACTIONS ^{159}Tb(^{16}O, X), E=5.6 MeV / nucleon; measured Eγ, Iγ. ^{77}Kr, ^{84m}Y, ^{80}Sr, ^{75}Br, ^{104}Tc, ^{83}Y, ^{85}Y, ^{87m}Y, ^{81}Sr, ^{83}Sr, ^{85m}Sr, ^{74m}Br, ^{83}Kr, ^{88}Kr, ^{94}Ru, ^{102}Ag, ^{95}Ru, ^{79}Rb, ^{87}Zr, ^{110}In, ^{78}As, ^{112}Ag; deduced σ of fission like events after complete and / or incomplete fusion. Recoil-catcher technique, γ-spectroscopy. JOUR IMPEE 17 549
^{102}Cd	2007HEZV	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm, ^{113}Xe, ^{111,112,113}I, ^{109,110,111,112}Te, ^{107,109,111}Sb, ^{105,106}Sn, ^{102,103,104,105}In, ^{101,102,103,104}Cd, ^{99,101,103}Ag, ^{89,90,91,92,93,94}Tc, ^{90,91,92,94,96}Ru, ^{92,93,95,96,97,98}Rh; measured masses. SHIPTRAP penning trap spectrometer. CONF Lisbon (PROCON 2007),Proc.P319,Herfurth
	2007MA92	ATOMIC MASSES ^{99,101,103}Ag, ^{101,102,103,104}Cd, ^{102,103,104,105}In, ^{105,106}Sn, ^{107,109,111}Sb, ^{109,110,111,112}Te, ^{111,112,113}I, ^{113}Xe; measured and evaluated masses using the SHIPTRAP Penning trap mass spectrometer. ^{104}Sn, ^{105}Sb, ^{108}Te, ^{109}I, ^{112}Xe, ^{113}Cs; evaluated masses. JOUR ZAANE 34 341
^{102}In	2006KA74	RADIOACTIVITY ^{105}Sn(EC), (β^+), (ECp), (β^+); measured Eβ, Iβ, β-delayed Eγ, Iγ, $\beta\gamma$-, $\gamma\gamma$-coin, x-ray spectrum; deduced Q values. Total absorption spectrometer (TAS). ^{70m}Br, ^{96,97,98}Ag, ^{100,102,103}In, ^{103}Sn, ^{113}Xe, ^{117}Ba; reviewed Q values. JOUR IMSPF 251 138
	2007HEZV	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm, ^{113}Xe, ^{111,112,113}I, ^{109,110,111,112}Te, ^{107,109,111}Sb, ^{105,106}Sn, ^{102,103,104,105}In, ^{101,102,103,104}Cd, ^{99,101,103}Ag, ^{89,90,91,92,93,94}Tc, ^{90,91,92,94,96}Ru, ^{92,93,95,96,97,98}Rh; measured masses. SHIPTRAP penning trap spectrometer. CONF Lisbon (PROCON 2007),Proc.P319,Herfurth
	2007MA92	ATOMIC MASSES ^{99,101,103}Ag, ^{101,102,103,104}Cd, ^{102,103,104,105}In, ^{105,106}Sn, ^{107,109,111}Sb, ^{109,110,111,112}Te, ^{111,112,113}I, ^{113}Xe; measured and evaluated masses using the SHIPTRAP Penning trap mass spectrometer. ^{104}Sn, ^{105}Sb, ^{108}Te, ^{109}I, ^{112}Xe, ^{113}Cs; evaluated masses. JOUR ZAANE 34 341

A=103

^{103}Zr	2006JO14	ATOMIC MASSES ^{96,97,98,99,100,101,102,103,104,105,106}Zr, ^{98,99,100,101,102,103,104,105,106}Nb, ^{99,100,101,102,103,104,105,106,107,108,109,110}Mo; reviewed cooling and trapping techniques, high-precision measurements of the ground state properties of exotic nuclei. Penning trap (JYFLTRAP at IGISOL facility) method and collinear laser spectroscopy. ^{117}Pd; measured conversion electrons from isomer decay. ^{22}Mg, ^{34}Ar, ^{46}V, ^{62}Ga, ^{74}Rb; reviewed superallowed β decay Ft values. ^{92}Br; measured time of flight spectrum.^{102}Nb; measured γ rays following β^- decay. JOUR IMSPF 251 204

A=103 ***(continued)***

	2008WA15	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, γγ-coin, fission yields of ^{103,104,105}Nb, ^{143,145,147}La. ^{104}Nb; deduced levels, J, π, bands, configurations. ^{101,102,103}Nb, ^{101,103}Zr, ^{103,105}Mo; level systematics. JOUR PRVCA 78 014313
^{103}Nb	2006JO14	ATOMIC MASSES ^{96,97,98,99,100,101,102,103,104,105,106}Zr, ^{98,99,100,101,102,103,104,105,106}Nb, ^{99,100,101,102,103,104,105,106,107,108,109,110}Mo; reviewed cooling and trapping techniques, high-precision measurements of the ground state properties of exotic nuclei. Penning trap (JYFLTRAP at IGISOL facility) method and collinear laser spectroscopy. ^{117}Pd; measured conversion electrons from isomer decay. ^{22}Mg, ^{34}Ar, ^{46}V, ^{62}Ga, ^{74}Rb; reviewed superallowed β decay Ft values. ^{92}Br; measured time of flight spectrum.^{102}Nb; measured γ rays following β^- decay. JOUR IMSPF 251 204
	2008WA15	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, γγ-coin, fission yields of ^{103,104,105}Nb, ^{143,145,147}La. ^{104}Nb; deduced levels, J, π, bands, configurations. ^{101,102,103}Nb, ^{101,103}Zr, ^{103,105}Mo; level systematics. JOUR PRVCA 78 014313
^{103}Mo	2006JO14	ATOMIC MASSES ^{96,97,98,99,100,101,102,103,104,105,106}Zr, ^{98,99,100,101,102,103,104,105,106}Nb, ^{99,100,101,102,103,104,105,106,107,108,109,110}Mo; reviewed cooling and trapping techniques, high-precision measurements of the ground state properties of exotic nuclei. Penning trap (JYFLTRAP at IGISOL facility) method and collinear laser spectroscopy. ^{117}Pd; measured conversion electrons from isomer decay. ^{22}Mg, ^{34}Ar, ^{46}V, ^{62}Ga, ^{74}Rb; reviewed superallowed β decay Ft values. ^{92}Br; measured time of flight spectrum.^{102}Nb; measured γ rays following β^- decay. JOUR IMSPF 251 204
	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

A=103 ***(continued)***

	2008WA15	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin, fission yields of ^{103,104,105}Nb, ^{143,145,147}La. ^{104}Nb; deduced levels, J, π, bands, configurations. ^{101,102,103}Nb, ^{101,103}Zr, ^{103,105}Mo; level systematics. JOUR PRVCA 78 014313
^{103}Tc	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
^{103}Ru	2007KRZY	NUCLEAR REACTIONS ^{127}I(d, X)^{111}In / ^{119}Te / ^{121}I / ^{122}Sb / ^{123}I / ^{124}I / ^{125}Xe / ^{126}I, E=2.52 GeV; measured yields; ^{129}I(d, X)^{121}Te / ^{124}I / ^{126}I / ^{130}I, E=2.52 GeV; measured yields; ^{237}Np(d, X)^{97}Zr / ^{99}Mo / ^{132}Te / ^{133}I / ^{238}Np, E=2.52 GeV; measured yields; ^{238}Pu(d, X)^{97}Zr / ^{135}Xe, E$\approx$2.5 GeV; measured yields; ^{239}Pu(d, X)^{103}Ru / ^{128}Sb / ^{132}Te / ^{133}I / ^{135}I / ^{135}Xe / ^{140}Ba / ^{143}Ce / ^{91}Sr / ^{97}Zr, E$\approx$2.5 GeV; measured yields; ^{26}Al(n, α), ^{197}Au(n, γ), ^{197}Au(n, 2n), ^{197}Au(n, 4n), E not given; measured radial distributions of production rates of daughter nuclei; ^{89}Y(n, 2n), ^{89}Y(n, 3n), ^{89}Y(n, 4n), E not given; measured production rates of daughter nuclei. activation detector for transmutation setup; ^{238}U, Pb(n, f), ^{238}U, Pb(n, γ), E not given; measured σ. REPT JINR-E1-2007-7,Krivopustov
	2007LU19	NUCLEAR REACTIONS ^{27}Al(n, α), E=13.5-14.8 MeV; ^{96,98,104}Ru(n, 2n), E=13.5-14.8 MeV; ^{96,102,104}Ru(n, p)^{96}Tc / ^{96m}Tc / ^{102m}Tc / ^{104}Tc, E=13.5-14.8 MeV; ^{96,102,104}Ru(n, α)^{93m}Mo / ^{99}Mo / ^{101}Mo, E=13.5-14.8 MeV; ^{96}Ru(n, d)^{95m}Tc, E=13.5-14.8 MeV; measured Eγ, Iγ, cross sections. JOUR PRVCA 76 057601

A=103 ***(continued)***

	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
^{103}Rh	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008SU18	NUCLEAR REACTIONS ^{11}B(^{96}Zr, 4n), (^{96}Zr, 3n), E=330 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives using recoil-distance doppler shift method. ^{103,104}Rh; deduced levels, J, π, configurations, B(M1), B(E2). JOUR PRVCA 78 031302

A=103 ***(continued)***

^{103}Pd

2007AS07 NUCLEAR REACTIONS ^{98}Mo(^{12}C, 3n), (^{12}C, 4n), (^{12}C, 2nα), (^{12}C, 3nα), E=60 MeV; measured Eγ, Iγ, $\gamma\gamma$ coin. ^{103}Pd, ^{106,107}Cd; deduced levels, J, π, configurations, lifetimes using recoil distance Doppler shift and differential decay cutoff methods. JOUR PRVCA 76 064302

2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

2008FIZZ NUCLEAR REACTIONS ^{1,2}H, ^{6,7}Li, ^{9}Be, ^{10,11}B, ^{12,13}C, ^{14,15}N, ^{16}O, ^{19}F, ^{23,23m}Na, ^{24,25,26}Mg, ^{27}Al, ^{28,29,30}Si, ^{31}P, ^{32,33,34}S, ^{35,37}Cl, ^{39,40,41}K, ^{102,104,105,106,108,110}Pd(n, γ), E=thermal; measured cross sections; ^{10}B(n, α), E=thermal; measured cross sections; ^{25}Mg(n, γ), E=thermal;^{13}C(n, γ), E=thermal;^{105}Pd(n, γ), E=thermal; measured Eγ, Iγ; deduced cross section balance. compared experimental and calculated depopulation. CONF Yosemit(CNR 2007) Proc.P26,Firestone

2008KR05 NUCLEAR REACTIONS ^{102,104,105,106,108,110}Pd(n, γ), E=thermal; measured neutron capture σ, Eγ, Iγ, $\gamma\gamma$-coin, γ widths, multipolarities. ^{103,105,106,107,109,111}Pd; deduced levels, J, π. JOUR PRVCA 77 054615

2008RO13 NUCLEAR REACTIONS ^{104}Pd(d, t), E=15 MeV; measured triton spectra, and angular distributions using a magnetic spectrograph. ^{103}Pd; deduced levels, J, π, L-transfers, spectroscopic factors. Comparisons with DWBA predictions. JOUR BJPHE 38 245

2008SK01 NUCLEAR REACTIONS ^{100}Ru(α, n), ^{101}Ru(α, 2n), ^{101}Ru(^{3}He, n), ^{102}Ru(^{3}He.2n), ^{101}Ru(^{3}He, X)^{101}Rh, ^{102}Ru(^{3}He, X)^{101}Rh, ^{101}Ru(^{3}He, X)^{102}Rh, ^{102}Ru(^{3}He, X)^{102}Rh, ^{101}Ru(^{3}He, X)^{101g}Rh, ^{102}Ru(^{3}He, X)^{101g}Rh, ^{101}Ru(^{3}He, 3n), ^{102}Ru(^{3}He, 4n), ^{101}Ru(^{3}He, 4n), ^{101}Ru(^{3}He, X)^{100}Rh, E<34 MeV; measured Eγ, Iγ, x-ray spectra, excitation functions, σ. X-ray and γ-ray spectrometry, enriched targets, comparison with calculations. JOUR ARISE 66 653

A=103 ***(continued)***

^{103}Ag	2007HEZV	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm, ^{113}Xe, ^{111,112,113}I, ^{109,110,111,112}Te, ^{107,109,111}Sb, ^{105,106}Sn, ^{102,103,104,105}In, ^{101,102,103,104}Cd, ^{99,101,103}Ag, ^{89,90,91,92,93,94}Tc, ^{90,91,92,94,96}Ru, ^{92,93,95,96,97,98}Rh; measured masses. SHIPTRAP penning trap spectrometer. CONF Lisbon (PROCON 2007),Proc.P319,Herfurth
	2007MA92	ATOMIC MASSES ^{99,101,103}Ag, ^{101,102,103,104}Cd, ^{102,103,104,105}In, ^{105,106}Sn, ^{107,109,111}Sb, ^{109,110,111,112}Te, ^{111,112,113}I, ^{113}Xe; measured and evaluated masses using the SHIPTRAP Penning trap mass spectrometer. ^{104}Sn, ^{105}Sb, ^{108}Te, ^{109}I, ^{112}Xe, ^{113}Cs; evaluated masses. JOUR ZAANE 34 341
	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008GU13	NUCLEAR REACTIONS ^{103}Rh(^{16}O, X)^{114}Te / ^{115}Te / ^{116}Te / ^{117}Te / ^{115}Sb / ^{116}Sb / ^{117}Sb / ^{110}Sn / ^{108}In / ^{109}In / ^{110}In / ^{111}In / ^{103}Ag / ^{104}Ag / ^{106}Ag, E≈46-85 MeV; measured Eγ, Iγ, σ. Discussed fraction of (in)complete fusion. Comparison with PACE4 calculations. HPGe detector, stacked targets, energy degradation technique. JOUR NUPAB 811 77
	2008RA06	NUCLEAR REACTIONS ^{72}Ge(^{35}Cl, 2n2pγ), E=135 MeV; measured Eγ, Iγ, γγ-coin, angular distributions, half-lives; deduced level energies, J, π, B(M1), B(E2), configurations, existence of magnetic dipole bands. JOUR PRVCA 77 024305
	2008SP02	NUCLEAR REACTIONS ^{104,105,106}Pd(p, γ), E=2.6-7.2 MeV; measured Eγ, Iγ, σ; deduced excitation energies, astrophysical S-factors, reaction rates. Comparison with theoretical data. ^{102}Pd(p, γ); comparison to model calculations. JOUR PRVCA 77 065801

A=103 ***(continued)***

	2008UD03	NUCLEAR REACTIONS Ag(p, xn)^{104}Cd / ^{105}Cd, E=32-60 MeV; Ag(p, xnp)^{103}Ag / ^{104}Ag, E=32-60 MeV; measured Eγ, Iγ, excitation functions using stacked foil activation.Compared results to precompound hybrid model calculations. JOUR RAACA 96 67
^{103}Cd	2007HEZV	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm, ^{113}Xe, ^{111,112,113}I, ^{109,110,111,112}Te, ^{107,109,111}Sb, ^{105,106}Sn, ^{102,103,104,105}In, ^{101,102,103,104}Cd, ^{99,101,103}Ag, ^{89,90,91,92,93,94}Tc, ^{90,91,92,94,96}Ru, ^{92,93,95,96,97,98}Rh; measured masses. SHIPTRAP penning trap spectrometer. CONF Lisbon (PROCON 2007),Proc.P319,Herfurth
	2007MA92	ATOMIC MASSES ^{99,101,103}Ag, ^{101,102,103,104}Cd, ^{102,103,104,105}In, ^{105,106}Sn, ^{107,109,111}Sb, ^{109,110,111,112}Te, ^{111,112,113}I, ^{113}Xe; measured and evaluated masses using the SHIPTRAP Penning trap mass spectrometer. ^{104}Sn, ^{105}Sb, ^{108}Te, ^{109}I, ^{112}Xe, ^{113}Cs; evaluated masses. JOUR ZAANE 34 341
^{103}In	2006KA74	RADIOACTIVITY ^{105}Sn(EC), (β^+), (ECp), (β^+); measured Eβ, Iβ, β-delayed Eγ, Iγ, $\beta\gamma$-, $\gamma\gamma$-coin, x-ray spectrum; deduced Q values. Total absorption spectrometer (TAS). ^{70m}Br, ^{96,97,98}Ag, ^{100,102,103}In, ^{103}Sn, ^{113}Xe, ^{117}Ba; reviewed Q values. JOUR IMSPF 251 138
	2007HEZV	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm, ^{113}Xe, ^{111,112,113}I, ^{109,110,111,112}Te, ^{107,109,111}Sb, ^{105,106}Sn, ^{102,103,104,105}In, ^{101,102,103,104}Cd, ^{99,101,103}Ag, ^{89,90,91,92,93,94}Tc, ^{90,91,92,94,96}Ru, ^{92,93,95,96,97,98}Rh; measured masses. SHIPTRAP penning trap spectrometer. CONF Lisbon (PROCON 2007),Proc.P319,Herfurth
	2007MA92	ATOMIC MASSES ^{99,101,103}Ag, ^{101,102,103,104}Cd, ^{102,103,104,105}In, ^{105,106}Sn, ^{107,109,111}Sb, ^{109,110,111,112}Te, ^{111,112,113}I, ^{113}Xe; measured and evaluated masses using the SHIPTRAP Penning trap mass spectrometer. ^{104}Sn, ^{105}Sb, ^{108}Te, ^{109}I, ^{112}Xe, ^{113}Cs; evaluated masses. JOUR ZAANE 34 341
^{103}Sn	2006KA74	RADIOACTIVITY ^{105}Sn(EC), (β^+), (ECp), (β^+); measured Eβ, Iβ, β-delayed Eγ, Iγ, $\beta\gamma$-, $\gamma\gamma$-coin, x-ray spectrum; deduced Q values. Total absorption spectrometer (TAS). ^{70m}Br, ^{96,97,98}Ag, ^{100,102,103}In, ^{103}Sn, ^{113}Xe, ^{117}Ba; reviewed Q values. JOUR IMSPF 251 138

A=104

^{104}Zr	2006JO14	ATOMIC MASSES ^{96,97,98,99,100,101,102,103,104,105,106}Zr, ^{98,99,100,101,102,103,104,105,106}Nb, ^{99,100,101,102,103,104,105,106,107,108,109,110}Mo; reviewed cooling and trapping techniques, high-precision measurements of the ground state properties of exotic nuclei. Penning trap (JYFLTRAP at IGISOL facility) method and collinear laser spectroscopy. ^{117}Pd; measured conversion electrons from isomer decay. ^{22}Mg, ^{34}Ar, ^{46}V, ^{62}Ga, ^{74}Rb; reviewed superallowed β decay Ft values. ^{92}Br; measured time of flight spectrum.^{102}Nb; measured γ rays following β^- decay. JOUR IMSPF 251 204

A=104 ***(continued)***

^{104}Nb	2006JO14	ATOMIC MASSES ^{96,97,98,99,100,101,102,103,104,105,106}Zr, ^{98,99,100,101,102,103,104,105,106}Nb, ^{99,100,101,102,103,104,105,106,107,108,109,110}Mo; reviewed cooling and trapping techniques, high-precision measurements of the ground state properties of exotic nuclei. Penning trap (JYFLTRAP at IGISOL facility) method and collinear laser spectroscopy. ^{117}Pd; measured conversion electrons from isomer decay. ^{22}Mg, ^{34}Ar, ^{46}V, ^{62}Ga, ^{74}Rb; reviewed superallowed β decay Ft values. ^{92}Br; measured time of flight spectrum.^{102}Nb; measured γ rays following β^- decay. JOUR IMSPF 251 204
	2008WA15	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin, fission yields of ^{103,104,105}Nb, ^{143,145,147}La. ^{104}Nb; deduced levels, J, π, bands, configurations. ^{101,102,103}Nb, ^{101,103}Zr, ^{103,105}Mo; level systematics. JOUR PRVCA 78 014313
^{104}Mo	2006JO14	ATOMIC MASSES ^{96,97,98,99,100,101,102,103,104,105,106}Zr, ^{98,99,100,101,102,103,104,105,106}Nb, ^{99,100,101,102,103,104,105,106,107,108,109,110}Mo; reviewed cooling and trapping techniques, high-precision measurements of the ground state properties of exotic nuclei. Penning trap (JYFLTRAP at IGISOL facility) method and collinear laser spectroscopy. ^{117}Pd; measured conversion electrons from isomer decay. ^{22}Mg, ^{34}Ar, ^{46}V, ^{62}Ga, ^{74}Rb; reviewed superallowed β decay Ft values. ^{92}Br; measured time of flight spectrum.^{102}Nb; measured γ rays following β^- decay. JOUR IMSPF 251 204
	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

A=104 ***(continued)***

^{104}Tc	2007LU19	NUCLEAR REACTIONS ^{27}Al(n, α), E=13.5-14.8 MeV; ^{96,98,104}Ru(n, 2n), E=13.5-14.8 MeV; ^{96,102,104}Ru(n, p)^{96}Tc / ^{96m}Tc / ^{102m}Tc / ^{104}Tc, E=13.5-14.8 MeV; ^{96,102,104}Ru(n, α)^{93m}Mo / ^{99}Mo / ^{101}Mo, E=13.5-14.8 MeV; ^{96}Ru(n, d)^{95m}Tc, E=13.5-14.8 MeV; measured Eγ, Iγ, cross sections. JOUR PRVCA 76 057601
	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008SI09	NUCLEAR REACTIONS ^{159}Tb(^{16}O, X), E=5.6 MeV / nucleon; measured Eγ, Iγ. ^{77}Kr, ^{84m}Y, ^{80}Sr, ^{75}Br, ^{104}Tc, ^{83}Y, ^{85}Y, ^{87m}Y, ^{81}Sr, ^{83}Sr, ^{85m}Sr, ^{74m}Br, ^{83}Kr, ^{88}Kr, ^{94}Ru, ^{102}Ag, ^{95}Ru, ^{79}Rb, ^{87}Zr, ^{110}In, ^{78}As, ^{112}Ag; deduced σ of fission like events after complete and / or incomplete fusion. Recoil-catcher technique, γ-spectroscopy. JOUR IMPEE 17 549
	2008SI09	NUCLEAR REACTIONS ^{169}Tm(^{16}O, X), E=5.9 MeV / nucleon; measured Eγ, Iγ. ^{107}In;^{66}Ge;^{88}Nb;^{95}Y;^{83}Se;^{99m}Tc;^{109}Sn;^{101}Tc;^{79}As;^{105}In;^{108m}Rh;^{95}Ru;^{92}Y;^{98m}Nb;^{87}Kr;^{92}Sr; deduced σ of fission like events after complete and / or incomplete fusion. Recoil-catcher technique, γ-spectroscopy. JOUR IMPEE 17 549

A=104 ***(continued)***

^{104}Ru	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008DE16	ATOMIC MASSES ^{96,98,99,100,101,102,104}Ru; measured absolute isotopic abundances by thermal-ionization mass spectrometry. ^{92,94,95,96,97,98,100}Mo, ^{138,139}La, ^{168,170,171,172,173,174,176}Yb, ^{180,181}Ta; compiled absolute isotopic abundances. JOUR PRVCA 77 045803
^{104}Rh	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

A=104 ***(continued)***

2008SU18 NUCLEAR REACTIONS ^{11}B(^{96}Zr, 4n), (^{96}Zr, 3n), E=330 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives using recoil-distance doppler shift method. ^{103,104}Rh; deduced levels, J, π, configurations, B(M1), B(E2). JOUR PRVCA 78 031302

^{104}Pd 2007AS07 NUCLEAR REACTIONS ^{98}Mo(^{12}C, 3n), (^{12}C, 4n), (^{12}C, 2nα), (^{12}C, 3nα), E=60 MeV; measured Eγ, Iγ, $\gamma\gamma$ coin. ^{103}Pd, ^{106,107}Cd; deduced levels, J, π, configurations, lifetimes using recoil distance Doppler shift and differential decay cutoff methods. JOUR PRVCA 76 064302

2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

2008ST04 NUCLEAR REACTIONS ^{104}Pd(^{67}Cu, ^{67}Cu'), (^{69}Cu, ^{69}Cu'), (^{71}Cu, ^{71}Cu'), E=2.99 MeV / nucleon; ^{120}Sn(^{71}Cu, ^{71}Cu'), (^{73}Cu, ^{73}Cu'), E=2.99 MeV / nucleon; measured Eγ, Iγ following coulomb excitation. ^{67,69,71,73}Cu; deduced level energies, B(E2). JOUR PRLTA 100 112502

A=104 ***(continued)***

^{104}Ag	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008GU13	NUCLEAR REACTIONS ^{103}Rh(^{16}O, X)^{114}Te / ^{115}Te / ^{116}Te / ^{117}Te / ^{115}Sb / ^{116}Sb / ^{117}Sb / ^{110}Sn / ^{108}In / ^{109}In / ^{110}In / ^{111}In / ^{103}Ag / ^{104}Ag / ^{106}Ag, E≈46-85 MeV; measured Eγ, Iγ, σ. Discussed fraction of (in)complete fusion. Comparison with PACE4 calculations. HPGe detector, stacked targets, energy degradation technique. JOUR NUPAB 811 77
	2008KH11	NUCLEAR REACTIONS Cd(p, X)^{107}Cd / ^{111}Cd / ^{115}Cd / ^{108}In / ^{109}In / ^{110}In / ^{111}In / ^{113}In / ^{114}In / ^{115}In / ^{116}In / ^{104}Ag / ^{105}Ag / ^{106}Ag / ^{110}Ag / ^{111}Ag / ^{113}Ag, E=3-40 MeV; measured Eγ, Iγ, cross sections using the stacked foil activation technique. Compared results to existing data and model calculations. JOUR NIMBE 266 4877
	2008KH12	NUCLEAR REACTIONS Ag(p, X)^{104}Ag / ^{105}Ag / ^{106}Ag / ^{104}Cd / ^{107}Cd, E < 40 MeV; measured Eγ, Iγ, excitation functions using the stacked foil activation technique. JOUR NIMBE 266 5101
	2008UD03	NUCLEAR REACTIONS Ag(p, xn)^{104}Cd / ^{105}Cd, E=32-60 MeV; Ag(p, xnp)^{103}Ag / ^{104}Ag, E=32-60 MeV; measured Eγ, Iγ, excitation functions using stacked foil activation.Compared results to precompound hybrid model calculations. JOUR RAACA 96 67
^{104}Cd	2006KA74	RADIOACTIVITY ^{105}Sn(EC), (β^+), (ECp), (β^+); measured Eβ, Iβ, β-delayed Eγ, Iγ, βγ-, γγ-coin, x-ray spectrum; deduced Q values. Total absorption spectrometer (TAS). ^{70m}Br, ^{96,97,98}Ag, ^{100,102,103}In, ^{103}Sn, ^{113}Xe, ^{117}Ba; reviewed Q values. JOUR IMSPF 251 138
	2007HEZV	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm, ^{113}Xe, ^{111,112,113}I, ^{109,110,111,112}Te, ^{107,109,111}Sb, ^{105,106}Sn, ^{102,103,104,105}In, ^{101,102,103,104}Cd, ^{99,101,103}Ag, ^{89,90,91,92,93,94}Tc, ^{90,91,92,94,96}Ru, ^{92,93,95,96,97,98}Rh; measured masses. SHIPTRAP penning trap spectrometer. CONF Lisbon (PROCON 2007),Proc.P319,Herfurth

A=104 ***(continued)***

	2007MA92	ATOMIC MASSES ^{99,101,103}Ag, ^{101,102,103,104}Cd, ^{102,103,104,105}In, ^{105,106}Sn, ^{107,109,111}Sb, ^{109,110,111,112}Te, ^{111,112,113}I, ^{113}Xe; measured and evaluated masses using the SHIPTRAP Penning trap mass spectrometer. ^{104}Sn, ^{105}Sb, ^{108}Te, ^{109}I, ^{112}Xe, ^{113}Cs; evaluated masses. JOUR ZAANE 34 341
	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008KH12	NUCLEAR REACTIONS Ag(p, X)^{104}Ag / ^{105}Ag / ^{106}Ag / ^{104}Cd / ^{107}Cd, E < 40 MeV; measured Eγ, Iγ, excitation functions using the stacked foil activation technique. JOUR NIMBE 266 5101
	2008UD03	NUCLEAR REACTIONS Ag(p, xn)^{104}Cd / ^{105}Cd, E=32-60 MeV; Ag(p, xnp)^{103}Ag / ^{104}Ag, E=32-60 MeV; measured Eγ, Iγ, excitation functions using stacked foil activation.Compared results to precompound hybrid model calculations. JOUR RAACA 96 67
^{104}In	2007HEZV	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm, ^{113}Xe, ^{111,112,113}I, ^{109,110,111,112}Te, ^{107,109,111}Sb, ^{105,106}Sn, ^{102,103,104,105}In, ^{101,102,103,104}Cd, ^{99,101,103}Ag, ^{89,90,91,92,93,94}Tc, ^{90,91,92,94,96}Ru, ^{92,93,95,96,97,98}Rh; measured masses. SHIPTRAP penning trap spectrometer. CONF Lisbon (PROCON 2007),Proc.P319,Herfurth
	2007MA92	ATOMIC MASSES ^{99,101,103}Ag, ^{101,102,103,104}Cd, ^{102,103,104,105}In, ^{105,106}Sn, ^{107,109,111}Sb, ^{109,110,111,112}Te, ^{111,112,113}I, ^{113}Xe; measured and evaluated masses using the SHIPTRAP Penning trap mass spectrometer. ^{104}Sn, ^{105}Sb, ^{108}Te, ^{109}I, ^{112}Xe, ^{113}Cs; evaluated masses. JOUR ZAANE 34 341
^{104}Sn	2007MA92	ATOMIC MASSES ^{99,101,103}Ag, ^{101,102,103,104}Cd, ^{102,103,104,105}In, ^{105,106}Sn, ^{107,109,111}Sb, ^{109,110,111,112}Te, ^{111,112,113}I, ^{113}Xe; measured and evaluated masses using the SHIPTRAP Penning trap mass spectrometer. ^{104}Sn, ^{105}Sb, ^{108}Te, ^{109}I, ^{112}Xe, ^{113}Cs; evaluated masses. JOUR ZAANE 34 341

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^{105}Zr	2006JO14	ATOMIC MASSES ^{96,97,98,99,100,101,102,103,104,105,106}Zr, ^{98,99,100,101,102,103,104,105,106}Nb, ^{99,100,101,102,103,104,105,106,107,108,109,110}Mo; reviewed cooling and trapping techniques, high-precision measurements of the ground state properties of exotic nuclei. Penning trap (JYFLTRAP at IGISOL facility) method and collinear laser spectroscopy. ^{117}Pd; measured conversion electrons from isomer decay. ^{22}Mg, ^{34}Ar, ^{46}V, ^{62}Ga, ^{74}Rb; reviewed superallowed β decay Ft values. ^{92}Br; measured time of flight spectrum.^{102}Nb; measured γ rays following β^- decay. JOUR IMSPF 251 204
^{105}Nb	2006JO14	ATOMIC MASSES ^{96,97,98,99,100,101,102,103,104,105,106}Zr, ^{98,99,100,101,102,103,104,105,106}Nb, ^{99,100,101,102,103,104,105,106,107,108,109,110}Mo; reviewed cooling and trapping techniques, high-precision measurements of the ground state properties of exotic nuclei. Penning trap (JYFLTRAP at IGISOL facility) method and collinear laser spectroscopy. ^{117}Pd; measured conversion electrons from isomer decay. ^{22}Mg, ^{34}Ar, ^{46}V, ^{62}Ga, ^{74}Rb; reviewed superallowed β decay Ft values. ^{92}Br; measured time of flight spectrum.^{102}Nb; measured γ rays following β^- decay. JOUR IMSPF 251 204
^{105}Mo	2006JO14	ATOMIC MASSES ^{96,97,98,99,100,101,102,103,104,105,106}Zr, ^{98,99,100,101,102,103,104,105,106}Nb, ^{99,100,101,102,103,104,105,106,107,108,109,110}Mo; reviewed cooling and trapping techniques, high-precision measurements of the ground state properties of exotic nuclei. Penning trap (JYFLTRAP at IGISOL facility) method and collinear laser spectroscopy. ^{117}Pd; measured conversion electrons from isomer decay. ^{22}Mg, ^{34}Ar, ^{46}V, ^{62}Ga, ^{74}Rb; reviewed superallowed β decay Ft values. ^{92}Br; measured time of flight spectrum.^{102}Nb; measured γ rays following β^- decay. JOUR IMSPF 251 204
	2008WA15	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin, fission yields of ^{103,104,105}Nb, ^{143,145,147}La. ^{104}Nb; deduced levels, J, π, bands, configurations. ^{101,102,103}Nb, ^{101,103}Zr, ^{103,105}Mo; level systematics. JOUR PRVCA 78 014313

A=105 ***(continued)***

^{105}Tc	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008SI09	NUCLEAR REACTIONS ^{169}Tm(^{16}O, X), E=5.9 MeV / nucleon; measured Eγ, Iγ. ^{107}In;^{66}Ge;^{88}Nb;^{95}Y;^{83}Se;^{99m}Tc;^{109}Sn;^{101}Tc;^{79}As;^{105}In;^{108m}Rh;^{95}Ru;^{92}Y;^{98m}Nb;^{87}Kr;^{92}Sr; deduced σ of fission like events after complete and / or incomplete fusion. Recoil-catcher technique, γ-spectroscopy. JOUR IMPEE 17 549
^{105}Ru	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

A=105 ***(continued)***

^{105}Rh	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
^{105}Pd	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

A=105 ***(continued)***

	2008FIZZ	NUCLEAR REACTIONS ^{1,2}H, ^{6,7}Li, ^{9}Be, ^{10,11}B, ^{12,13}C, ^{14,15}N, ^{16}O, ^{19}F, ^{23,23m}Na, ^{24,25,26}Mg, ^{27}Al, ^{28,29,30}Si, ^{31}P, ^{32,33,34}S, ^{35,37}Cl, ^{39,40,41}K, ^{102,104,105,106,108,110}Pd(n, γ), E=thermal; measured cross sections; ^{10}B(n, α), E=thermal; measured cross sections; ^{25}Mg(n, γ), E=thermal;^{13}C(n, γ), E=thermal;^{105}Pd(n, γ), E=thermal; measured Eγ, Iγ; deduced cross section balance. compared experimental and calculated depopulation. CONF Yosemit(CNR 2007) Proc.P26,Firestone
	2008KR05	NUCLEAR REACTIONS ^{102,104,105,106,108,110}Pd(n, γ), E=thermal; measured neutron capture σ, Eγ, Iγ, $\gamma\gamma$-coin, γ widths, multipolarities. ^{103,105,106,107,109,111}Pd; deduced levels, J, π. JOUR PRVCA 77 054615
^{105}Ag	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008KH11	NUCLEAR REACTIONS Cd(p, X)^{107}Cd / ^{111}Cd / ^{115}Cd / ^{108}In / ^{109}In / ^{110}In / ^{111}In / ^{113}In / ^{114}In / ^{115}In / ^{116}In / ^{104}Ag / ^{105}Ag / ^{106}Ag / ^{110}Ag / ^{111}Ag / ^{113}Ag, E=3-40 MeV; measured Eγ, Iγ, cross sections using the stacked foil activation technique. Compared results to existing data and model calculations. JOUR NIMBE 266 4877
	2008KH12	NUCLEAR REACTIONS Ag(p, X)^{104}Ag / ^{105}Ag / ^{106}Ag / ^{104}Cd / ^{107}Cd, E < 40 MeV; measured Eγ, Iγ, excitation functions using the stacked foil activation technique. JOUR NIMBE 266 5101
	2008SP02	NUCLEAR REACTIONS ^{104,105,106}Pd(p, γ), E=2.6-7.2 MeV; measured Eγ, Iγ, σ; deduced excitation energies, astrophysical S-factors, reaction rates. Comparison with theoretical data. ^{102}Pd(p, γ); comparison to model calculations. JOUR PRVCA 77 065801
	2008ZI03	NUCLEAR REACTIONS ^{76,77,78,80,82}Se, ^{106,110,111,112,114,116}Cd(μ^-, nν), E not given; ^{76}Se(μ^-, 2nν), E not given; measured Eγ, Iγ, capture rates, lifetimes, yields. JOUR BRSPE 72 737

A=105 ***(continued)***

^{105}Cd	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008UD03	NUCLEAR REACTIONS Ag(p, xn)^{104}Cd / ^{105}Cd, E=32-60 MeV; Ag(p, xnp)^{103}Ag / ^{104}Ag, E=32-60 MeV; measured Eγ, Iγ, excitation functions using stacked foil activation.Compared results to precompound hybrid model calculations. JOUR RAACA 96 67
^{105}In	2006KA74	RADIOACTIVITY ^{105}Sn(EC), (β^+), (ECp), (β^+); measured Eβ, Iβ, β-delayed Eγ, Iγ, $\beta\gamma$-, $\gamma\gamma$-coin, x-ray spectrum; deduced Q values. Total absorption spectrometer (TAS). ^{70m}Br, ^{96,97,98}Ag, ^{100,102,103}In, ^{103}Sn, ^{113}Xe, ^{117}Ba; reviewed Q values. JOUR IMSPF 251 138
	2007HEZV	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm, ^{113}Xe, ^{111,112,113}I, ^{109,110,111,112}Te, ^{107,109,111}Sb, ^{105,106}Sn, ^{102,103,104,105}In, ^{101,102,103,104}Cd, ^{99,101,103}Ag, ^{89,90,91,92,93,94}Tc, ^{90,91,92,94,96}Ru, ^{92,93,95,96,97,98}Rh; measured masses. SHIPTRAP penning trap spectrometer. CONF Lisbon (PROCON 2007),Proc.P319,Herfurth
	2007MA92	ATOMIC MASSES ^{99,101,103}Ag, ^{101,102,103,104}Cd, ^{102,103,104,105}In, ^{105,106}Sn, ^{107,109,111}Sb, ^{109,110,111,112}Te, ^{111,112,113}I, ^{113}Xe; measured and evaluated masses using the SHIPTRAP Penning trap mass spectrometer. ^{104}Sn, ^{105}Sb, ^{108}Te, ^{109}I, ^{112}Xe, ^{113}Cs; evaluated masses. JOUR ZAANE 34 341

A=105 ***(continued)***

	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008SI09	NUCLEAR REACTIONS ^{169}Tm(^{16}O, X), E=5.9 MeV / nucleon; measured Eγ, Iγ. ^{107}In;^{66}Ge;^{88}Nb;^{95}Y;^{83}Se;^{99m}Tc;^{109}Sn;^{101}Tc;^{79}As;^{105}In;^{108m}Rh;^{95}Ru;^{92}Y;^{98m}Nb;^{87}Kr;^{92}Sr; deduced σ of fission like events after complete and / or incomplete fusion. Recoil-catcher technique, γ-spectroscopy. JOUR IMPEE 17 549
^{105}Sn	2006KA74	RADIOACTIVITY ^{105}Sn(EC), (β^+), (ECp), (β^+); measured Eβ, Iβ, β-delayed Eγ, Iγ, $\beta\gamma$-, $\gamma\gamma$-coin, x-ray spectrum; deduced Q values. Total absorption spectrometer (TAS). ^{70m}Br, ^{96,97,98}Ag, ^{100,102,103}In, ^{103}Sn, ^{113}Xe, ^{117}Ba; reviewed Q values. JOUR IMSPF 251 138
	2007HEZV	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm, ^{113}Xe, ^{111,112,113}I, ^{109,110,111,112}Te, ^{107,109,111}Sb, ^{105,106}Sn, ^{102,103,104,105}In, ^{101,102,103,104}Cd, ^{99,101,103}Ag, ^{89,90,91,92,93,94}Tc, ^{90,91,92,94,96}Ru, ^{92,93,95,96,97,98}Rh; measured masses. SHIPTRAP penning trap spectrometer. CONF Lisbon (PROCON 2007),Proc.P319,Herfurth
	2007MA92	ATOMIC MASSES ^{99,101,103}Ag, ^{101,102,103,104}Cd, ^{102,103,104,105}In, ^{105,106}Sn, ^{107,109,111}Sb, ^{109,110,111,112}Te, ^{111,112,113}I, ^{113}Xe; measured and evaluated masses using the SHIPTRAP Penning trap mass spectrometer. ^{104}Sn, ^{105}Sb, ^{108}Te, ^{109}I, ^{112}Xe, ^{113}Cs; evaluated masses. JOUR ZAANE 34 341
^{105}Sb	2007MA92	ATOMIC MASSES ^{99,101,103}Ag, ^{101,102,103,104}Cd, ^{102,103,104,105}In, ^{105,106}Sn, ^{107,109,111}Sb, ^{109,110,111,112}Te, ^{111,112,113}I, ^{113}Xe; measured and evaluated masses using the SHIPTRAP Penning trap mass spectrometer. ^{104}Sn, ^{105}Sb, ^{108}Te, ^{109}I, ^{112}Xe, ^{113}Cs; evaluated masses. JOUR ZAANE 34 341
	2007MAZB	RADIOACTIVITY ^{109}I(p), (α) [from ^{58}Ni(^{54}Fe, p2n), E=207 MeV]; measured Eα, Iα. ^{109}I; deduced branching ratio, $T_{1/2}$; ^{105}Sb deduced Qp. CONF Lisbon (PROCON 2007),Proc.P128,Mazzocchi

A=105 ***(continued)***

^{105}Te	2007LI83	RADIOACTIVITY ^{105}Te, ^{109}Xe(α) [from ^{54}Fe(^{58}Ni, 3n), E=220-225 MeV]; measured Eα, Iα. ^{105}Te, ^{109}Xe; deduced Qα. JOUR ZSTNE 150 131
	2007LIZP	RADIOACTIVITY ^{109}Xe, ^{105}Te(α) [^{109}Xe from ^{54}Fe(^{58}Ni, 3n), E=220-225 MeV]; measured Eα, Ia. ^{109}Xe; deduced $T_{1/2}$. ^{105}Te; deduced $T_{1/2}$, branching ratios to gs and excited states. CONF Lisbon (PROCON 2007),Proc.P123,Liddick

A=106

^{106}Zr	2006JO14	ATOMIC MASSES ^{96,97,98,99,100,101,102,103,104,105,106}Zr, ^{98,99,100,101,102,103,104,105,106}Nb, ^{99,100,101,102,103,104,105,106,107,108,109,110}Mo; reviewed cooling and trapping techniques, high-precision measurements of the ground state properties of exotic nuclei. Penning trap (JYFLTRAP at IGISOL facility) method and collinear laser spectroscopy. ^{117}Pd; measured conversion electrons from isomer decay. ^{22}Mg, ^{34}Ar, ^{46}V, ^{62}Ga, ^{74}Rb; reviewed superallowed β decay Ft values. ^{92}Br; measured time of flight spectrum.^{102}Nb; measured γ rays following β^- decay. JOUR IMSPF 251 204
^{106}Nb	2006JO14	ATOMIC MASSES ^{96,97,98,99,100,101,102,103,104,105,106}Zr, ^{98,99,100,101,102,103,104,105,106}Nb, ^{99,100,101,102,103,104,105,106,107,108,109,110}Mo; reviewed cooling and trapping techniques, high-precision measurements of the ground state properties of exotic nuclei. Penning trap (JYFLTRAP at IGISOL facility) method and collinear laser spectroscopy. ^{117}Pd; measured conversion electrons from isomer decay. ^{22}Mg, ^{34}Ar, ^{46}V, ^{62}Ga, ^{74}Rb; reviewed superallowed β decay Ft values. ^{92}Br; measured time of flight spectrum.^{102}Nb; measured γ rays following β^- decay. JOUR IMSPF 251 204
^{106}Mo	2006JO14	ATOMIC MASSES ^{96,97,98,99,100,101,102,103,104,105,106}Zr, ^{98,99,100,101,102,103,104,105,106}Nb, ^{99,100,101,102,103,104,105,106,107,108,109,110}Mo; reviewed cooling and trapping techniques, high-precision measurements of the ground state properties of exotic nuclei. Penning trap (JYFLTRAP at IGISOL facility) method and collinear laser spectroscopy. ^{117}Pd; measured conversion electrons from isomer decay. ^{22}Mg, ^{34}Ar, ^{46}V, ^{62}Ga, ^{74}Rb; reviewed superallowed β decay Ft values. ^{92}Br; measured time of flight spectrum.^{102}Nb; measured γ rays following β^- decay. JOUR IMSPF 251 204
	2008SA05	RADIOACTIVITY ^{106}Tc(β^+) [from ^{238}U(p, F), E=25 MeV]; measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin, $T_{1/2}$, B(E2) using advanced time-delayed method. ^{106}Ru deduced levels, J, π, $T_{1/2}$. Comparison with various models. JOUR ZAANE 35 159

A=106 ***(continued)***

^{106}Tc 2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

2008SA05 RADIOACTIVITY ^{106}Tc(β^+) [from ^{238}U(p, F), E=25 MeV]; measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin, $T_{1/2}$, B(E2) using advanced time-delayed method. ^{106}Ru deduced levels, J, π, $T_{1/2}$. Comparison with various models. JOUR ZAANE 35 159

^{106}Ru 2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

A=106 ***(continued)***

2008SA05 RADIOACTIVITY ^{106}Tc(β^+) [from ^{238}U(p, F), E=25 MeV]; measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin, $T_{1/2}$, B(E2) using advanced time-delayed method. ^{106}Ru deduced levels, J, π, $T_{1/2}$. Comparison with various models. JOUR ZAANE 35 159

^{106}Rh 2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

^{106}Pd 2007BEZR RADIOACTIVITY ^{106}Cd(2EC); measured X-ray energies and intensities. ^{106}Cd; deduced 2ν-accompanied two EC-decay $T_{1/2}$. CONF Prague (MEDEX'07),Proc.P19,Benes

2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

A=106 ***(continued)***

	2008FIZZ	NUCLEAR REACTIONS ^{1,2}H, ^{6,7}Li, ^{9}Be, ^{10,11}B, ^{12,13}C, ^{14,15}N, ^{16}O, ^{19}F, ^{23,23m}Na, ^{24,25,26}Mg, ^{27}Al, ^{28,29,30}Si, ^{31}P, ^{32,33,34}S, ^{35,37}Cl, ^{39,40,41}K, ^{102,104,105,106,108,110}Pd(n, γ), E=thermal; measured cross sections; ^{10}B(n, α), E=thermal; measured cross sections; ^{25}Mg(n, γ), E=thermal;^{13}C(n, γ), E=thermal;^{105}Pd(n, γ), E=thermal; measured Eγ, Iγ; deduced cross section balance. compared experimental and calculated depopulation. CONF Yosemit(CNR 2007) Proc.P26,Firestone
	2008KR05	NUCLEAR REACTIONS ^{102,104,105,106,108,110}Pd(n, γ), E=thermal; measured neutron capture σ, Eγ, Iγ, $\gamma\gamma$-coin, γ widths, multipolarities. ^{103,105,106,107,109,111}Pd; deduced levels, J, π. JOUR PRVCA 77 054615
	2008RU08	RADIOACTIVITY ^{106}Cd($2\beta^+$), (β^+EC), (2EC); measured $T_{1/2}$, Eγ, Iγ using the Telescope Germanium Vertical (TGV-2) spectrometer. JOUR BRSPE 72 731
^{106}Ag	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008GU13	NUCLEAR REACTIONS ^{103}Rh(^{16}O, X)^{114}Te / ^{115}Te / ^{116}Te / ^{117}Te / ^{115}Sb / ^{116}Sb / ^{117}Sb / ^{110}Sn / ^{108}In / ^{109}In / ^{110}In / ^{111}In / ^{103}Ag / ^{104}Ag / ^{106}Ag, E≈46-85 MeV; measured Eγ, Iγ, σ. Discussed fraction of (in)complete fusion. Comparison with PACE4 calculations. HPGe detector, stacked targets, energy degradation technique. JOUR NUPAB 811 77
	2008KH11	NUCLEAR REACTIONS Cd(p, X)^{107}Cd / ^{111}Cd / ^{115}Cd / ^{108}In / ^{109}In / ^{110}In / ^{111}In / ^{113}In / ^{114}In / ^{115}In / ^{116}In / ^{104}Ag / ^{105}Ag / ^{106}Ag / ^{110}Ag / ^{111}Ag / ^{113}Ag, E=3-40 MeV; measured Eγ, Iγ, cross sections using the stacked foil activation technique. Compared results to existing data and model calculations. JOUR NIMBE 266 4877
	2008KH12	NUCLEAR REACTIONS Ag(p, X)^{104}Ag / ^{105}Ag / ^{106}Ag / ^{104}Cd / ^{107}Cd, E < 40 MeV; measured Eγ, Iγ, excitation functions using the stacked foil activation technique. JOUR NIMBE 266 5101

A=106 ***(continued)***

	2008SP02	NUCLEAR REACTIONS ^{104,105,106}Pd(p, γ), E=2.6-7.2 MeV; measured Eγ, Iγ, σ; deduced excitation energies, astrophysical S-factors, reaction rates. Comparison with theoretical data. ^{102}Pd(p, γ); comparison to model calculations. JOUR PRVCA 77 065801
^{106}Cd	2007AS07	NUCLEAR REACTIONS ^{98}Mo(^{12}C, 3n), (^{12}C, 4n), (^{12}C, 2nα), (^{12}C, 3nα), E=60 MeV; measured Eγ, Iγ, $\gamma\gamma$ coin. ^{103}Pd, ^{106,107}Cd; deduced levels, J, π, configurations, lifetimes using recoil distance Doppler shift and differential decay cutoff methods. JOUR PRVCA 76 064302
	2007BEZR	RADIOACTIVITY ^{106}Cd(2EC); measured X-ray energies and intensities. ^{106}Cd; deduced 2ν-accompanied two EC-decay $T_{1/2}$. CONF Prague (MEDEX'07),Proc.P19,Benes
	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2007ZIZX	NUCLEAR REACTIONS ^{48}Ti, Se, ^{76}Se, Kr, ^{82}Kr, Cd, ^{106}Cd, Sm, ^{150}Sm(μ, ν), E not given; measured Eγ, Iγ, X-ray energies and intensities; deduced total and partial μ capture rates, yields of radioactive daughter nuclei. CONF Prague (MEDEX'07),Proc.P91,Zinatulina
	2008RU08	RADIOACTIVITY ^{106}Cd(2β^+), (β^+EC), (2EC); measured $T_{1/2}$, Eγ, Iγ using the Telescope Germanium Vertical (TGV-2) spectrometer. JOUR BRSPE 72 731

A=106 ***(continued)***

^{106}In	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
^{106}Sn	2007HEZV	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm, ^{113}Xe, ^{111,112,113}I, ^{109,110,111,112}Te, ^{107,109,111}Sb, ^{105,106}Sn, ^{102,103,104,105}In, ^{101,102,103,104}Cd, ^{99,101,103}Ag, ^{89,90,91,92,93,94}Tc, ^{90,91,92,94,96}Ru, ^{92,93,95,96,97,98}Rh; measured masses. SHIPTRAP penning trap spectrometer. CONF Lisbon (PROCON 2007),Proc.P319,Herfurth
	2007MA92	ATOMIC MASSES ^{99,101,103}Ag, ^{101,102,103,104}Cd, ^{102,103,104,105}In, ^{105,106}Sn, ^{107,109,111}Sb, ^{109,110,111,112}Te, ^{111,112,113}I, ^{113}Xe; measured and evaluated masses using the SHIPTRAP Penning trap mass spectrometer. ^{104}Sn, ^{105}Sb, ^{108}Te, ^{109}I, ^{112}Xe, ^{113}Cs; evaluated masses. JOUR ZAANE 34 341
	2008EKZZ	NUCLEAR REACTIONS ^{58}Ni(^{106}Sn, ^{106}Sn'), ^{58}Ni(^{108}Sn, ^{108}Sn'), ^{58}Ni(^{110}Sn, ^{110}Sn'), E=2.8 MeV / nucleon; measured Eγ, Iγ; ^{106,108,110}Sn; deduced B(E2). Compared results with existing data. CONF Crete(FINUSTAR 2),Proc.P296,Ekstrom
^{106}Te	2007PE32	NUCLEAR REACTIONS ^{58}Ni(^{54}Fe, 2np), E=195 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$, multipolarities. ^{109}I; deduced levels, J, π, rotational bands; calculated configurations. JUROGAM array. ^{106,108,110,112,114,116,118,120,122,124,126,128,130,132,134,136,138}Te, ^{109,111,113,115,117,119,121,123,125,127,129,131}I, ^{110,112,114,116,118,120,122,124,126,128,130,132,134,136,138,140,142,144}Xe, ^{117,119,121,123,125,127,129}Cs; systematics. JOUR PRVCA 76 054301

A=107

^{107}Mo	2006JO14	ATOMIC MASSES ^{96,97,98,99,100,101,102,103,104,105,106}Zr, ^{98,99,100,101,102,103,104,105,106}Nb, ^{99,100,101,102,103,104,105,106,107,108,109,110}Mo; reviewed cooling and trapping techniques, high-precision measurements of the ground state properties of exotic nuclei. Penning trap (JYFLTRAP at IGISOL facility) method and collinear laser spectroscopy. ^{117}Pd; measured conversion electrons from isomer decay. ^{22}Mg, ^{34}Ar, ^{46}V, ^{62}Ga, ^{74}Rb; reviewed superallowed β decay Ft values. ^{92}Br; measured time of flight spectrum.^{102}Nb; measured γ rays following β^- decay. JOUR IMSPF 251 204
^{107}Ru	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

A=107 ***(continued)***

^{107}Rh 2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

^{107}Pd 2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

2008AG10 NUCLEAR REACTIONS ^{89}Y, ^{107,109}Ag(n, n'), E=14.6 MeV; ^{89}Y(n, 2n), E=14.6 MeV; ^{107,109}Ag, ^{139}La(n, p), E=14.6 MeV; ^{89}Y(n, α), E=14.6 MeV; measured Eγ, Iγ, cross sections using the activation technique. Compared results to model calculations. JOUR ANEND 35 1713

A=107 ***(continued)***

	2008FIZZ	NUCLEAR REACTIONS ^{1,2}H, ^{6,7}Li, ^{9}Be, ^{10,11}B, ^{12,13}C, ^{14,15}N, ^{16}O, ^{19}F, ^{23,23m}Na, ^{24,25,26}Mg, ^{27}Al, ^{28,29,30}Si, ^{31}P, ^{32,33,34}S, ^{35,37}Cl, ^{39,40,41}K, ^{102,104,105,106,108,110}Pd(n, γ), E=thermal; measured cross sections; ^{10}B(n, α), E=thermal; measured cross sections; ^{25}Mg(n, γ), E=thermal;^{13}C(n, γ), E=thermal;^{105}Pd(n, γ), E=thermal; measured Eγ, Iγ; deduced cross section balance. compared experimental and calculated depopulation. CONF Yosemit(CNR 2007) Proc.P26,Firestone
	2008KR05	NUCLEAR REACTIONS ^{102,104,105,106,108,110}Pd(n, γ), E=thermal; measured neutron capture σ, Eγ, Iγ, $\gamma\gamma$-coin, γ widths, multipolarities. ^{103,105,106,107,109,111}Pd; deduced levels, J, π. JOUR PRVCA 77 054615
^{107}Ag	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008AG10	NUCLEAR REACTIONS ^{89}Y, ^{107,109}Ag(n, n'), E=14.6 MeV; ^{89}Y(n, 2n), E=14.6 MeV; ^{107,109}Ag, ^{139}La(n, p), E=14.6 MeV; ^{89}Y(n, α), E=14.6 MeV; measured Eγ, Iγ, cross sections using the activation technique. Compared results to model calculations. JOUR ANEND 35 1713
	2008SP02	NUCLEAR REACTIONS ^{104,105,106}Pd(p, γ), E=2.6-7.2 MeV; measured Eγ, Iγ, σ; deduced excitation energies, astrophysical S-factors, reaction rates. Comparison with theoretical data. ^{102}Pd(p, γ); comparison to model calculations. JOUR PRVCA 77 065801
^{107}Cd	2007AS07	NUCLEAR REACTIONS ^{98}Mo(^{12}C, 3n), (^{12}C, 4n), (^{12}C, 2nα), (^{12}C, 3nα), E=60 MeV; measured Eγ, Iγ, $\gamma\gamma$ coin. ^{103}Pd, ^{106,107}Cd; deduced levels, J, π, configurations, lifetimes using recoil distance Doppler shift and differential decay cutoff methods. JOUR PRVCA 76 064302

A=107 ***(continued)***

2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

2008KH11 NUCLEAR REACTIONS Cd(p, X)^{107}Cd / ^{111}Cd / ^{115}Cd / ^{108}In / ^{109}In / ^{110}In / ^{111}In / ^{113}In / ^{114}In / ^{115}In / ^{116}In / ^{104}Ag / ^{105}Ag / ^{106}Ag / ^{110}Ag / ^{111}Ag / ^{113}Ag, E=3-40 MeV; measured Eγ, Iγ, cross sections using the stacked foil activation technique. Compared results to existing data and model calculations. JOUR NIMBE 266 4877

2008KH12 NUCLEAR REACTIONS Ag(p, X)^{104}Ag / ^{105}Ag / ^{106}Ag / ^{104}Cd / ^{107}Cd, E < 40 MeV; measured Eγ, Iγ, excitation functions using the stacked foil activation technique. JOUR NIMBE 266 5101

A=107 ***(continued)***

^{107}In	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008SI09	NUCLEAR REACTIONS ^{169}Tm(^{16}O, X), E=5.9 MeV / nucleon; measured Eγ, Iγ. ^{107}In;^{66}Ge;^{88}Nb;^{95}Y;^{83}Se;^{99m}Tc;^{109}Sn;^{101}Tc;^{79}As;^{105}In;^{108m}Rh;^{95}Ru;^{92}Y;^{98m}Nb;^{87}Kr;^{92}Sr; deduced σ of fission like events after complete and / or incomplete fusion. Recoil-catcher technique, γ-spectroscopy. JOUR IMPEE 17 549
^{107}Sb	2007HEZV	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm, ^{113}Xe, ^{111,112,113}I, ^{109,110,111,112}Te, ^{107,109,111}Sb, ^{105,106}Sn, ^{102,103,104,105}In, ^{101,102,103,104}Cd, ^{99,101,103}Ag, ^{89,90,91,92,93,94}Tc, ^{90,91,92,94,96}Ru, ^{92,93,95,96,97,98}Rh; measured masses. SHIPTRAP penning trap spectrometer. CONF Lisbon (PROCON 2007),Proc.P319,Herfurth
	2007MA92	ATOMIC MASSES ^{99,101,103}Ag, ^{101,102,103,104}Cd, ^{102,103,104,105}In, ^{105,106}Sn, ^{107,109,111}Sb, ^{109,110,111,112}Te, ^{111,112,113}I, ^{113}Xe; measured and evaluated masses using the SHIPTRAP Penning trap mass spectrometer. ^{104}Sn, ^{105}Sb, ^{108}Te, ^{109}I, ^{112}Xe, ^{113}Cs; evaluated masses. JOUR ZAANE 34 341

A=108

^{108}Mo 2006JO14 ATOMIC MASSES ^{96,97,98,99,100,101,102,103,104,105,106}Zr, ^{98,99,100,101,102,103,104,105,106}Nb, ^{99,100,101,102,103,104,105,106,107,108,109,110}Mo; reviewed cooling and trapping techniques, high-precision measurements of the ground state properties of exotic nuclei. Penning trap (JYFLTRAP at IGISOL facility) method and collinear laser spectroscopy. ^{117}Pd; measured conversion electrons from isomer decay. ^{22}Mg, ^{34}Ar, ^{46}V, ^{62}Ga, ^{74}Rb; reviewed superallowed β decay Ft values. ^{92}Br; measured time of flight spectrum.^{102}Nb; measured γ rays following β^- decay. JOUR IMSPF 251 204

^{108}Ru 2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

A=108 ***(continued)***

^{108}Rh	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008SI09	NUCLEAR REACTIONS ^{169}Tm(^{16}O, X), E=5.9 MeV / nucleon; measured Eγ, Iγ. ^{107}In;^{66}Ge;^{88}Nb;^{95}Y;^{83}Se;^{99m}Tc;^{109}Sn;^{101}Tc;^{79}As;^{105}In;^{108m}Rh;^{95}Ru;^{92}Y;^{98m}Nb;^{87}Kr;^{92}Sr; deduced σ of fission like events after complete and / or incomplete fusion. Recoil-catcher technique, γ-spectroscopy. JOUR IMPEE 17 549
^{108}Pd	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008BE22	RADIOACTIVITY ^{108}Cd(2EC), ^{114}Cd($2\beta^-$); measured $T_{1/2}$ lower limit. JOUR ZAANE 36 167

A=108 ***(continued)***

	2008BR18	NUCLEAR REACTIONS ^{108}Pd(^{68}Ni, ^{68}Ni'), E=2.9 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin, $\sigma(\theta)$, scattering angle. ^{68}Ni; deduced levels, J, π, B(E2). JOUR PRVCA 78 047301
	2008VAZY	NUCLEAR REACTIONS ^{120}Sn(^{74}Zn, ^{74}Zn'), E=2.87 MeV / nucleon; ^{120}Sn(^{76}Zn, ^{76}Zn'), ^{108}Pd(^{78}Zn, ^{78}Zn'), E=2.83 MeV / nucleon; ^{108}Pd(^{80}Zn, ^{80}Zn'), E=2.79 MeV / nucleon; measured Eγ, Iγ; ^{78,80}Zn; deduced levels, B(E2); Calculated level energies, B(E2) using the Shell model. CONF Crete(FINUSTAR 2),Proc.P291,Van de Walle
^{108}Ag	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
^{108}Cd	2007BA73	NUCLEAR REACTIONS ^{114}Cd(n, n'γ), E*=3.5 MeV; measured Eγ, Iγ, γ-yields, $\gamma\gamma$-coin, angular distributions, half-lives; deduced levels, J, π, multipolarities, mixing ratios, configurations, B(E2), B(M1), B(E1). Comparisons with IBA model calculations. ^{108,110,112,114,116,118}Cd; systematics. JOUR PRVCA 76 054308

A=108 ***(continued)***

2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

2008BE22 RADIOACTIVITY ^{108}Cd(2EC), ^{114}Cd($2\beta^-$); measured $T_{1/2}$ lower limit. JOUR ZAANE 36 167

^{108}In 2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

A=108 ***(continued)***

2008GU13 NUCLEAR REACTIONS ^{103}Rh(^{16}O, X)^{114}Te / ^{115}Te / ^{116}Te / ^{117}Te / ^{115}Sb / ^{116}Sb / ^{117}Sb / ^{110}Sn / ^{108}In / ^{109}In / ^{110}In / ^{111}In / ^{103}Ag / ^{104}Ag / ^{106}Ag, E≈46-85 MeV; measured Eγ, Iγ, σ. Discussed fraction of (in)complete fusion. Comparison with PACE4 calculations. HPGe detector, stacked targets, energy degradation technique. JOUR NUPAB 811 77

2008KH11 NUCLEAR REACTIONS Cd(p, X)^{107}Cd / ^{111}Cd / ^{115}Cd / ^{108}In / ^{109}In / ^{110}In / ^{111}In / ^{113}In / ^{114}In / ^{115}In / ^{116}In / ^{104}Ag / ^{105}Ag / ^{106}Ag / ^{110}Ag / ^{111}Ag / ^{113}Ag, E=3-40 MeV; measured Eγ, Iγ, cross sections using the stacked foil activation technique. Compared results to existing data and model calculations. JOUR NIMBE 266 4877

2008SI09 NUCLEAR REACTIONS ^{169}Tm(^{16}O, X), E=5.9 MeV / nucleon; measured Eγ, Iγ.
^{107}In;^{66}Ge;^{88}Nb;^{95}Y;^{83}Se;^{99m}Tc;^{109}Sn;^{101}Tc;^{79}As;^{105}In;^{108m}Rh;^{95}Ru;^{92}Y;^{98m}Nb;^{87}Kr;^{92}Sr;
deduced σ of fission like events after complete and / or incomplete fusion. Recoil-catcher technique, γ-spectroscopy. JOUR IMPEE 17 549

^{108}Sn

2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb,
^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y,
^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr,
^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb,
^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo,
^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc,
^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru,
^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh,
^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd,
^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag,
^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd,
^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In,
^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn,
^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb,
^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te,
^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I,
^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe,
^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs,
^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

2008EKZZ NUCLEAR REACTIONS ^{58}Ni(^{106}Sn, ^{106}Sn'), ^{58}Ni(^{108}Sn, ^{108}Sn'), ^{58}Ni(^{110}Sn, ^{110}Sn'), E=2.8 MeV / nucleon; measured Eγ, Iγ; ^{106,108,110}Sn; deduced B(E2). Compared results with existing data. CONF Crete(FINUSTAR 2),Proc.P296,Ekstrom

^{108}Te

2007MA92 ATOMIC MASSES ^{99,101,103}Ag, ^{101,102,103,104}Cd, ^{102,103,104,105}In, ^{105,106}Sn, ^{107,109,111}Sb, ^{109,110,111,112}Te, ^{111,112,113}I, ^{113}Xe; measured and evaluated masses using the SHIPTRAP Penning trap mass spectrometer. ^{104}Sn, ^{105}Sb, ^{108}Te, ^{109}I, ^{112}Xe, ^{113}Cs; evaluated masses. JOUR ZAANE 34 341

2007MAZB RADIOACTIVITY ^{109}I(p), (α) [from ^{58}Ni(^{54}Fe, p2n), E=207 MeV]; measured Eα, Iα. ^{109}I; deduced branching ratio, $T_{1/2}$; ^{105}Sb deduced Qp. CONF Lisbon (PROCON 2007),Proc.P128,Mazzocchi

A=108 ***(continued)***

	2007PE32	NUCLEAR REACTIONS ^{58}Ni(^{54}Fe, 2np), E=195 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$, multipolarities. ^{109}I; deduced levels, J, π, rotational bands; calculated configurations. JUROGAM array. ^{106,108,110,112,114,116,118,120,122,124,126,128,130,132,134,136,138}Te, ^{109,111,113,115,117,119,121,123,125,127,129,131}I, ^{110,112,114,116,118,120,122,124,126,128,130,132,134,136,138,140,142,144}Xe, ^{117,119,121,123,125,127,129}Cs; systematics. JOUR PRVCA 76 054301
	2008K004	NUCLEAR REACTIONS ^{54}Fe(^{58}Ni, 2n), (^{58}Ni, 3n), (^{58}Ni, 4n), (^{58}Ni, np), (^{58}Ni, 2np), (^{58}Ni, 3np), (^{58}Ni, n2p), (^{58}Ni, 2n2p), E=195-265 MeV; measured σ, reaction yields. Deduced optimum energy for the production of ^{108}Xe. JOUR PRVCA 77 034301
^{108}I	2008K004	NUCLEAR REACTIONS ^{54}Fe(^{58}Ni, 2n), (^{58}Ni, 3n), (^{58}Ni, 4n), (^{58}Ni, np), (^{58}Ni, 2np), (^{58}Ni, 3np), (^{58}Ni, n2p), (^{58}Ni, 2n2p), E=195-265 MeV; measured σ, reaction yields. Deduced optimum energy for the production of ^{108}Xe. JOUR PRVCA 77 034301
^{108}Xe	2008K004	NUCLEAR REACTIONS ^{54}Fe(^{58}Ni, 2n), (^{58}Ni, 3n), (^{58}Ni, 4n), (^{58}Ni, np), (^{58}Ni, 2np), (^{58}Ni, 3np), (^{58}Ni, n2p), (^{58}Ni, 2n2p), E=195-265 MeV; measured σ, reaction yields. Deduced optimum energy for the production of ^{108}Xe. JOUR PRVCA 77 034301

A=109

^{109}Mo	2006J014	ATOMIC MASSES ^{96,97,98,99,100,101,102,103,104,105,106}Zr, ^{98,99,100,101,102,103,104,105,106}Nb, ^{99,100,101,102,103,104,105,106,107,108,109,110}Mo; reviewed cooling and trapping techniques, high-precision measurements of the ground state properties of exotic nuclei. Penning trap (JYFLTRAP at IGISOL facility) method and collinear laser spectroscopy. ^{117}Pd; measured conversion electrons from isomer decay. ^{22}Mg, ^{34}Ar, ^{46}V, ^{62}Ga, ^{74}Rb; reviewed superallowed β decay Ft values. ^{92}Br; measured time of flight spectrum.^{102}Nb; measured γ rays following β^- decay. JOUR IMSPF 251 204

A=109 ***(continued)***

^{109}Ru	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008DI11	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{109}Ru; deduced levels, J, π, band configurations. Total Routhian surface calculations. JOUR PRVCA 77 057302
^{109}Rh	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

A=109 ***(continued)***

^{109}Pd

2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

2008AG10 NUCLEAR REACTIONS ^{89}Y, ^{107,109}Ag(n, n'), E=14.6 MeV; ^{89}Y(n, 2n), E=14.6 MeV; ^{107,109}Ag, ^{139}La(n, p), E=14.6 MeV; ^{89}Y(n, α), E=14.6 MeV; measured Eγ, Iγ, cross sections using the activation technique. Compared results to model calculations. JOUR ANEND 35 1713

2008DA10 NUCLEAR REACTIONS ^{108}Pd(n, γ), E=thermal; measured Eγ, Iγ using chemical separation. Studied possible use of ^{109}Pd isotope in radiotherapy. JOUR RAACA 96 427

2008FIZZ NUCLEAR REACTIONS ^{1,2}H, ^{6,7}Li, ^{9}Be, ^{10,11}B, ^{12,13}C, ^{14,15}N, ^{16}O, ^{19}F, ^{23,23m}Na, ^{24,25,26}Mg, ^{27}Al, ^{28,29,30}Si, ^{31}P, ^{32,33,34}S, ^{35,37}Cl, ^{39,40,41}K, ^{102,104,105,106,108,110}Pd(n, γ), E=thermal; measured cross sections; ^{10}B(n, α), E=thermal; measured cross sections; ^{25}Mg(n, γ), E=thermal;^{13}C(n, γ), E=thermal;^{105}Pd(n, γ), E=thermal; measured Eγ, Iγ; deduced cross section balance. compared experimental and calculated depopulation. CONF Yosemit(CNR 2007) Proc.P26,Firestone

2008KR05 NUCLEAR REACTIONS ^{102,104,105,106,108,110}Pd(n, γ), E=thermal; measured neutron capture σ, Eγ, Iγ, $\gamma\gamma$-coin, γ widths, multipolarities. ^{103,105,106,107,109,111}Pd; deduced levels, J, π. JOUR PRVCA 77 054615

2008MA25 NUCLEAR REACTIONS ^{110}Pd, ^{113}In(γ, n), E=9-18 MeV; measured Eγ, Iγ, Isomeric ratios, and excitation functions. JOUR PPNLA 5 374

A=109 ***(continued)***

^{109}Ag	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008AG10	NUCLEAR REACTIONS ^{89}Y, ^{107,109}Ag(n, n'), E=14.6 MeV; ^{89}Y(n, 2n), E=14.6 MeV; ^{107,109}Ag, ^{139}La(n, p), E=14.6 MeV; ^{89}Y(n, α), E=14.6 MeV; measured Eγ, Iγ, cross sections using the activation technique. Compared results to model calculations. JOUR ANEND 35 1713
	2008DA12	NUCLEAR REACTIONS ^{100}Mo(^{13}C, 3np), E=65 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{109}Ag; deduced levels, J, π, half-lives by DSAM, B(M1), B(E2). Comparisons with projected shell-model and tilted-axis cranking calculations. JOUR PRVCA 78 021306
	2008ZI01	NUCLEAR REACTIONS ^{109}Ag, ^{208}Pb(^{44}Ar, ^{44}Ar'), E=2.7, 3.7 MeV / nucleon; measured Eγ, Iγ, (charged-particle)γ-coin. Deduced coulomb excitation $\sigma(\theta)$, B(E2). JOUR APOBB 39 519
	2008ZI03	NUCLEAR REACTIONS ^{76,77,78,80,82}Se, ^{106,110,111,112,114,116}Cd(μ^-, nν), E not given; ^{76}Se(μ^-, 2nν), E not given; measured Eγ, Iγ, capture rates, lifetimes, yields. JOUR BRSPE 72 737

A=109 ***(continued)***

^{109}Cd	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
^{109}In	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008GU13	NUCLEAR REACTIONS ^{103}Rh(^{16}O, X)^{114}Te / ^{115}Te / ^{116}Te / ^{117}Te / ^{115}Sb / ^{116}Sb / ^{117}Sb / ^{110}Sn / ^{108}In / ^{109}In / ^{110}In / ^{111}In / ^{103}Ag / ^{104}Ag / ^{106}Ag, E≈46-85 MeV; measured Eγ, Iγ, σ. Discussed fraction of (in)complete fusion. Comparison with PACE4 calculations. HPGe detector, stacked targets, energy degradation technique. JOUR NUPAB 811 77

A=109 ***(continued)***

	2008KH11	NUCLEAR REACTIONS Cd(p, X)^{107}Cd / ^{111}Cd / ^{115}Cd / ^{108}In / ^{109}In / ^{110}In / ^{111}In / ^{113}In / ^{114}In / ^{115}In / ^{116}In / ^{104}Ag / ^{105}Ag / ^{106}Ag / ^{110}Ag / ^{111}Ag / ^{113}Ag, E=3-40 MeV; measured Eγ, Iγ, cross sections using the stacked foil activation technique. Compared results to existing data and model calculations. JOUR NIMBE 266 4877
^{109}Sn	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008SI09	NUCLEAR REACTIONS ^{169}Tm(^{16}O, X), E=5.9 MeV / nucleon; measured Eγ, Iγ. ^{107}In;^{66}Ge;^{88}Nb;^{95}Y;^{83}Se;^{99m}Tc;^{109}Sn;^{101}Tc;^{79}As;^{105}In;^{108m}Rh;^{95}Ru;^{92}Y;^{98m}Nb;^{87}Kr;^{92}Sr; deduced σ of fission like events after complete and / or incomplete fusion. Recoil-catcher technique, γ-spectroscopy. JOUR IMPEE 17 549
^{109}Sb	2007HEZV	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm, ^{113}Xe, ^{111,112,113}I, ^{109,110,111,112}Te, ^{107,109,111}Sb, ^{105,106}Sn, ^{102,103,104,105}In, ^{101,102,103,104}Cd, ^{99,101,103}Ag, ^{89,90,91,92,93,94}Tc, ^{90,91,92,94,96}Ru, ^{92,93,95,96,97,98}Rh; measured masses. SHIPTRAP penning trap spectrometer. CONF Lisbon (PROCON 2007),Proc.P319,Herfurth
	2007MA92	ATOMIC MASSES ^{99,101,103}Ag, ^{101,102,103,104}Cd, ^{102,103,104,105}In, ^{105,106}Sn, ^{107,109,111}Sb, ^{109,110,111,112}Te, ^{111,112,113}I, ^{113}Xe; measured and evaluated masses using the SHIPTRAP Penning trap mass spectrometer. ^{104}Sn, ^{105}Sb, ^{108}Te, ^{109}I, ^{112}Xe, ^{113}Cs; evaluated masses. JOUR ZAANE 34 341
^{109}Te	2007HEZV	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm, ^{113}Xe, ^{111,112,113}I, ^{109,110,111,112}Te, ^{107,109,111}Sb, ^{105,106}Sn, ^{102,103,104,105}In, ^{101,102,103,104}Cd, ^{99,101,103}Ag, ^{89,90,91,92,93,94}Tc, ^{90,91,92,94,96}Ru, ^{92,93,95,96,97,98}Rh; measured masses. SHIPTRAP penning trap spectrometer. CONF Lisbon (PROCON 2007),Proc.P319,Herfurth

A=109 ***(continued)***

	2007KOZO	NUCLEAR REACTIONS ^{58}Ni(^{54}Fe, xnyp), E=195-265 MeV; measured excitation function. Deduced σ for (pn), (2n) channels. ^{109}Te, ^{109}I, ^{109}Xe; deduced σ, Sp, Sn, Sα. CONF Lisbon (PROCON 2007),Proc.P163,Korgul
	2007MA92	ATOMIC MASSES ^{99,101,103}Ag, ^{101,102,103,104}Cd, ^{102,103,104,105}In, ^{105,106}Sn, ^{107,109,111}Sb, ^{109,110,111,112}Te, ^{111,112,113}I, ^{113}Xe; measured and evaluated masses using the SHIPTRAP Penning trap mass spectrometer. ^{104}Sn, ^{105}Sb, ^{108}Te, ^{109}I, ^{112}Xe, ^{113}Cs; evaluated masses. JOUR ZAANE 34 341
	2008KO04	NUCLEAR REACTIONS ^{54}Fe(^{58}Ni, 2n), (^{58}Ni, 3n), (^{58}Ni, 4n), (^{58}Ni, np), (^{58}Ni, 2np), (^{58}Ni, 3np), (^{58}Ni, n2p), (^{58}Ni, 2n2p), E=195-265 MeV; measured σ, reaction yields. Deduced optimum energy for the production of ^{108}Xe. JOUR PRVCA 77 034301
^{109}I	2007CEZX	NUCLEAR REACTIONS ^{58}Ni(^{54}Fe, 2n), ^{58}Ni(^{54}Fe, 2np), E=195 MeV; measured Eγ, Iγ, $\gamma\gamma$, (recoil)γ(t) coin. ^{110}Xe; deduced levels. ^{109}I; deduced $T_{1/2}$, levels, band structure. CONF Lisbon (PROCON 2007),Proc.P156,Cederwall
	2007KOZO	NUCLEAR REACTIONS ^{58}Ni(^{54}Fe, xnyp), E=195-265 MeV; measured excitation function. Deduced σ for (pn), (2n) channels. ^{109}Te, ^{109}I, ^{109}Xe; deduced σ, Sp, Sn, Sα. CONF Lisbon (PROCON 2007),Proc.P163,Korgul
	2007MA92	ATOMIC MASSES ^{99,101,103}Ag, ^{101,102,103,104}Cd, ^{102,103,104,105}In, ^{105,106}Sn, ^{107,109,111}Sb, ^{109,110,111,112}Te, ^{111,112,113}I, ^{113}Xe; measured and evaluated masses using the SHIPTRAP Penning trap mass spectrometer. ^{104}Sn, ^{105}Sb, ^{108}Te, ^{109}I, ^{112}Xe, ^{113}Cs; evaluated masses. JOUR ZAANE 34 341
	2007MAZB	RADIOACTIVITY ^{109}I(p), (α) [from ^{58}Ni(^{54}Fe, p2n), E=207 MeV]; measured Eα, Iα. ^{109}I; deduced branching ratio, $T_{1/2}$; ^{105}Sb deduced Qp. CONF Lisbon (PROCON 2007),Proc.P128,Mazzocchi
	2007PE32	NUCLEAR REACTIONS ^{58}Ni(^{54}Fe, 2np), E=195 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$, multipolarities. ^{109}I; deduced levels, J, π, rotational bands; calculated configurations. JUROGAM array. ^{106,108,110,112,114,116,118,120,122,124,126,128,130,132,134,136,138}Te, ^{109,111,113,115,117,119,121,123,125,127,129,131}I, ^{110,112,114,116,118,120,122,124,126,128,130,132,134,136,138,140,142,144}Xe, ^{117,119,121,123,125,127,129}Cs; systematics. JOUR PRVCA 76 054301
	2008KO04	NUCLEAR REACTIONS ^{54}Fe(^{58}Ni, 2n), (^{58}Ni, 3n), (^{58}Ni, 4n), (^{58}Ni, np), (^{58}Ni, 2np), (^{58}Ni, 3np), (^{58}Ni, n2p), (^{58}Ni, 2n2p), E=195-265 MeV; measured σ, reaction yields. Deduced optimum energy for the production of ^{108}Xe. JOUR PRVCA 77 034301
^{109}Xe	2007KOZO	NUCLEAR REACTIONS ^{58}Ni(^{54}Fe, xnyp), E=195-265 MeV; measured excitation function. Deduced σ for (pn), (2n) channels. ^{109}Te, ^{109}I, ^{109}Xe; deduced σ, Sp, Sn, Sα. CONF Lisbon (PROCON 2007),Proc.P163,Korgul
	2007LI83	RADIOACTIVITY ^{105}Te, ^{109}Xe(α) [from ^{54}Fe(^{58}Ni, 3n), E=220-225 MeV]; measured Eα, Iα. ^{105}Te, ^{109}Xe; deduced Qα. JOUR ZSTNE 150 131

A=109 ***(continued)***

2007LIZP RADIOACTIVITY ^{109}Xe, ^{105}Te(α) [^{109}Xe from ^{54}Fe(^{58}Ni, 3n), E=220-225 MeV]; measured Eα, Ia. ^{109}Xe; deduced $T_{1/2}$. ^{105}Te; deduced $T_{1/2}$, branching ratios to gs and excited states. CONF Lisbon (PROCON 2007),Proc.P123,Liddick

2008KO04 NUCLEAR REACTIONS ^{54}Fe(^{58}Ni, 2n), (^{58}Ni, 3n), (^{58}Ni, 4n), (^{58}Ni, np), (^{58}Ni, 2np), (^{58}Ni, 3np), (^{58}Ni, n2p), (^{58}Ni, 2n2p), E=195-265 MeV; measured σ, reaction yields. Deduced optimum energy for the production of ^{108}Xe. JOUR PRVCA 77 034301

A=110

^{110}Mo 2006JO14 ATOMIC MASSES ^{96,97,98,99,100,101,102,103,104,105,106}Zr, ^{98,99,100,101,102,103,104,105,106}Nb, ^{99,100,101,102,103,104,105,106,107,108,109,110}Mo; reviewed cooling and trapping techniques, high-precision measurements of the ground state properties of exotic nuclei. Penning trap (JYFLTRAP at IGISOL facility) method and collinear laser spectroscopy. ^{117}Pd; measured conversion electrons from isomer decay. ^{22}Mg, ^{34}Ar, ^{46}V, ^{62}Ga, ^{74}Rb; reviewed superallowed β decay Ft values. ^{92}Br; measured time of flight spectrum.^{102}Nb; measured γ rays following β^- decay. JOUR IMSPF 251 204

^{110}Rh 2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

A=110 ***(continued)***

^{110}Pd 2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

^{110}Ag 2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

2008KH11 NUCLEAR REACTIONS Cd(p, X)^{107}Cd / ^{111}Cd / ^{115}Cd / ^{108}In / ^{109}In / ^{110}In / ^{111}In / ^{113}In / ^{114}In / ^{115}In / ^{116}In / ^{104}Ag / ^{105}Ag / ^{106}Ag / ^{110}Ag / ^{111}Ag / ^{113}Ag, E=3-40 MeV; measured Eγ, Iγ, cross sections using the stacked foil activation technique. Compared results to existing data and model calculations. JOUR NIMBE 266 4877

A=110 ***(continued)***

	2008ZI03	NUCLEAR REACTIONS ^{76,77,78,80,82}Se, ^{106,110,111,112,114,116}Cd(μ^-, nν), E not given; ^{76}Se(μ^-, 2nν), E not given; measured Eγ, Iγ, capture rates, lifetimes, yields. JOUR BRSPE 72 737
^{110}Cd	2007BA73	NUCLEAR REACTIONS ^{114}Cd(n, n'γ), E*=3.5 MeV; measured Eγ, Iγ, γ-yields, $\gamma\gamma$-coin, angular distributions, half-lives; deduced levels, J, π, multipolarities, mixing ratios, configurations, B(E2), B(M1), B(E1). Comparisons with IBA model calculations. ^{108,110,112,114,116,118}Cd; systematics. JOUR PRVCA 76 054308
	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

A=110 ***(continued)***

^{110}In

2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

2008AL19 NUCLEAR REACTIONS Cd(p, X)^{110}In / ^{111}In / ^{113}In / ^{116}In;E < 14.7 MeV; measured Eγ, Iγ, cross sections using stacked foil activation technique. JOUR RAACA 96 461

2008GU13 NUCLEAR REACTIONS ^{103}Rh(^{16}O, X)^{114}Te / ^{115}Te / ^{116}Te / ^{117}Te / ^{115}Sb / ^{116}Sb / ^{117}Sb / ^{110}Sn / ^{108}In / ^{109}In / ^{110}In / ^{111}In / ^{103}Ag / ^{104}Ag / ^{106}Ag, E≈46-85 MeV; measured Eγ, Iγ, σ. Discussed fraction of (in)complete fusion. Comparison with PACE4 calculations. HPGe detector, stacked targets, energy degradation technique. JOUR NUPAB 811 77

2008KH11 NUCLEAR REACTIONS Cd(p, X)^{107}Cd / ^{111}Cd / ^{115}Cd / ^{108}In / ^{109}In / ^{110}In / ^{111}In / ^{113}In / ^{114}In / ^{115}In / ^{116}In / ^{104}Ag / ^{105}Ag / ^{106}Ag / ^{110}Ag / ^{111}Ag / ^{113}Ag, E=3-40 MeV; measured Eγ, Iγ, cross sections using the stacked foil activation technique. Compared results to existing data and model calculations. JOUR NIMBE 266 4877

2008SI09 NUCLEAR REACTIONS ^{159}Tb(^{16}O, X), E=5.6 MeV / nucleon; measured Eγ, Iγ. ^{77}Kr, ^{84m}Y, ^{80}Sr, ^{75}Br, ^{104}Tc, ^{83}Y, ^{85}Y, ^{87m}Y, ^{81}Sr, ^{83}Sr, ^{85m}Sr, ^{74m}Br, ^{83}Kr, ^{88}Kr, ^{94}Ru, ^{102}Ag, ^{95}Ru, ^{79}Rb, ^{87}Zr, ^{110}In, ^{78}As, ^{112}Ag; deduced σ of fission like events after complete and / or incomplete fusion. Recoil-catcher technique, γ-spectroscopy. JOUR IMPEE 17 549

2008SI09 NUCLEAR REACTIONS ^{169}Tm(^{16}O, X), E=5.9 MeV / nucleon; measured Eγ, Iγ. ^{107}In;^{66}Ge;^{88}Nb;^{95}Y;^{83}Se;^{99m}Tc;^{109}Sn;^{101}Tc;^{79}As;^{105}In;^{108m}Rh;^{95}Ru;^{92}Y;^{98m}Nb;^{87}Kr;^{92}Sr; deduced σ of fission like events after complete and / or incomplete fusion. Recoil-catcher technique, γ-spectroscopy. JOUR IMPEE 17 549

A=110 ***(continued)***

^{110}Sn	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008EKZZ	NUCLEAR REACTIONS ^{58}Ni(^{106}Sn, ^{106}Sn'), ^{58}Ni(^{108}Sn, ^{108}Sn'), ^{58}Ni(^{110}Sn, ^{110}Sn'), E=2.8 MeV / nucleon; measured Eγ, Iγ; ^{106,108,110}Sn; deduced B(E2). Compared results with existing data. CONF Crete(FINUSTAR 2),Proc.P296,Ekstrom
	2008GU13	NUCLEAR REACTIONS ^{103}Rh(^{16}O, X)^{114}Te / ^{115}Te / ^{116}Te / ^{117}Te / ^{115}Sb / ^{116}Sb / ^{117}Sb / ^{110}Sn / ^{108}In / ^{109}In / ^{110}In / ^{111}In / ^{103}Ag / ^{104}Ag / ^{106}Ag, E≈46-85 MeV; measured Eγ, Iγ, σ. Discussed fraction of (in)complete fusion. Comparison with PACE4 calculations. HPGe detector, stacked targets, energy degradation technique. JOUR NUPAB 811 77

A=110 ***(continued)***

^{110}Sb	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
^{110}Te	2007HEZV	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm, ^{113}Xe, ^{111,112,113}I, ^{109,110,111,112}Te, ^{107,109,111}Sb, ^{105,106}Sn, ^{102,103,104,105}In, ^{101,102,103,104}Cd, ^{99,101,103}Ag, ^{89,90,91,92,93,94}Tc, ^{90,91,92,94,96}Ru, ^{92,93,95,96,97,98}Rh; measured masses. SHIPTRAP penning trap spectrometer. CONF Lisbon (PROCON 2007),Proc.P319,Herfurth
	2007MA92	ATOMIC MASSES ^{99,101,103}Ag, ^{101,102,103,104}Cd, ^{102,103,104,105}In, ^{105,106}Sn, ^{107,109,111}Sb, ^{109,110,111,112}Te, ^{111,112,113}I, ^{113}Xe; measured and evaluated masses using the SHIPTRAP Penning trap mass spectrometer. ^{104}Sn, ^{105}Sb, ^{108}Te, ^{109}I, ^{112}Xe, ^{113}Cs; evaluated masses. JOUR ZAANE 34 341
	2007PE32	NUCLEAR REACTIONS ^{58}Ni(^{54}Fe, 2np), E=195 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$, multipolarities. ^{109}I; deduced levels, J, π, rotational bands; calculated configurations. JUROGAM array. ^{106,108,110,112,114,116,118,120,122,124,126,128,130,132,134,136,138}Te, ^{109,111,113,115,117,119,121,123,125,127,129,131}I, ^{110,112,114,116,118,120,122,124,126,128,130,132,134,136,138,140,142,144}Xe, ^{117,119,121,123,125,127,129}Cs; systematics. JOUR PRVCA 76 054301
^{110}I	2008KO04	NUCLEAR REACTIONS ^{54}Fe(^{58}Ni, 2n), (^{58}Ni, 3n), (^{58}Ni, 4n), (^{58}Ni, np), (^{58}Ni, 2np), (^{58}Ni, 3np), (^{58}Ni, n2p), (^{58}Ni, 2n2p), E=195-265 MeV; measured σ, reaction yields. Deduced optimum energy for the production of ^{108}Xe. JOUR PRVCA 77 034301
^{110}Xe	2007CEZX	NUCLEAR REACTIONS ^{58}Ni(^{54}Fe, 2n), ^{58}Ni(^{54}Fe, 2np), E=195 MeV; measured Eγ, Iγ, $\gamma\gamma$, (recoil)γ(t) coin. ^{110}Xe; deduced levels. ^{109}I; deduced $T_{1/2}$, levels, band structure. CONF Lisbon (PROCON 2007),Proc.P156,Cederwall

A=110 ***(continued)***

2007PE32 NUCLEAR REACTIONS ^{58}Ni(^{54}Fe, 2np), E=195 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$, multipolarities. ^{109}I; deduced levels, J, π, rotational bands; calculated configurations. JUROGAM array. ^{106,108,110,112,114,116,118,120,122,124,126,128,130,132,134,136,138}Te, ^{109,111,113,115,117,119,121,123,125,127,129,131}I, ^{110,112,114,116,118,120,122,124,126,128,130,132,134,136,138,140,142,144}Xe, ^{117,119,121,123,125,127,129}Cs; systematics. JOUR PRVCA 76 054301

2008KO04 NUCLEAR REACTIONS ^{54}Fe(^{58}Ni, 2n), (^{58}Ni, 3n), (^{58}Ni, 4n), (^{58}Ni, np), (^{58}Ni, 2np), (^{58}Ni, 3np), (^{58}Ni, n2p), (^{58}Ni, 2n2p), E=195-265 MeV; measured σ, reaction yields. Deduced optimum energy for the production of ^{108}Xe. JOUR PRVCA 77 034301

A=111

^{111}Rh 2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

A=111 ***(continued)***

^{111}Pd	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008FIZZ	NUCLEAR REACTIONS ^{1,2}H, ^{6,7}Li, ^{9}Be, ^{10,11}B, ^{12,13}C, ^{14,15}N, ^{16}O, ^{19}F, ^{23,23m}Na, ^{24,25,26}Mg, ^{27}Al, ^{28,29,30}Si, ^{31}P, ^{32,33,34}S, ^{35,37}Cl, ^{39,40,41}K, ^{102,104,105,106,108,110}Pd(n, γ), E=thermal; measured cross sections; ^{10}B(n, α), E=thermal; measured cross sections; ^{25}Mg(n, γ), E=thermal;^{13}C(n, γ), E=thermal;^{105}Pd(n, γ), E=thermal; measured Eγ, Iγ; deduced cross section balance. compared experimental and calculated depopulation. CONF Yosemit(CNR 2007) Proc.P26,Firestone
	2008KR05	NUCLEAR REACTIONS ^{102,104,105,106,108,110}Pd(n, γ), E=thermal; measured neutron capture σ, Eγ, Iγ, $\gamma\gamma$-coin, γ widths, multipolarities. ^{103,105,106,107,109,111}Pd; deduced levels, J, π. JOUR PRVCA 77 054615

A=111 ***(continued)***

^{111}Ag	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008KH11	NUCLEAR REACTIONS Cd(p, X)^{107}Cd / ^{111}Cd / ^{115}Cd / ^{108}In / ^{109}In / ^{110}In / ^{111}In / ^{113}In / ^{114}In / ^{115}In / ^{116}In / ^{104}Ag / ^{105}Ag / ^{106}Ag / ^{110}Ag / ^{111}Ag / ^{113}Ag, E=3-40 MeV; measured Eγ, Iγ, cross sections using the stacked foil activation technique. Compared results to existing data and model calculations. JOUR NIMBE 266 4877
	2008ZI03	NUCLEAR REACTIONS ^{76,77,78,80,82}Se, ^{106,110,111,112,114,116}Cd(μ^-, nν), E not given; ^{76}Se(μ^-, 2nν), E not given; measured Eγ, Iγ, capture rates, lifetimes, yields. JOUR BRSPE 72 737

A=111 ***(continued)***

^{111}Cd	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008KH11	NUCLEAR REACTIONS Cd(p, X)^{107}Cd / ^{111}Cd / ^{115}Cd / ^{108}In / ^{109}In / ^{110}In / ^{111}In / ^{113}In / ^{114}In / ^{115}In / ^{116}In / ^{104}Ag / ^{105}Ag / ^{106}Ag / ^{110}Ag / ^{111}Ag / ^{113}Ag, E=3-40 MeV; measured Eγ, Iγ, cross sections using the stacked foil activation technique. Compared results to existing data and model calculations. JOUR NIMBE 266 4877
^{111}In	2007KRZY	NUCLEAR REACTIONS ^{127}I(d, X)^{111}In / ^{119}Te / ^{121}I / ^{122}Sb / ^{123}I / ^{124}I / ^{125}Xe / ^{126}I, E=2.52 GeV; measured yields; ^{129}I(d, X)^{121}Te / ^{124}I / ^{126}I / ^{130}I, E=2.52 GeV; measured yields; ^{237}Np(d, X)^{97}Zr / ^{99}Mo / ^{132}Te / ^{133}I / ^{238}Np, E=2.52 GeV; measured yields; ^{238}Pu(d, X)^{97}Zr / ^{135}Xe, E≈2.5 GeV; measured yields; ^{239}Pu(d, X)^{103}Ru / ^{128}Sb / ^{132}Te / ^{133}I / ^{135}I / ^{135}Xe / ^{140}Ba / ^{143}Ce / ^{91}Sr / ^{97}Zr, E≈2.5 GeV; measured yields; ^{26}Al(n, α), ^{197}Au(n, γ), ^{197}Au(n, 2n), ^{197}Au(n, 4n), E not given; measured radial distributions of production rates of daughter nuclei; ^{89}Y(n, 2n), ^{89}Y(n, 3n), ^{89}Y(n, 4n), E not given; measured production rates of daughter nuclei. activation detector for transmutation setup; ^{238}U, Pb(n, f), ^{238}U, Pb(n, γ), E not given; measured σ. REPT JINR-E1-2007-7,Krivopustov

A=111 ***(continued)***

2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

2008AL19 NUCLEAR REACTIONS Cd(p, X)^{110}In / ^{111}In / ^{113}In / ^{116}In;E < 14.7 MeV; measured Eγ, Iγ, cross sections using stacked foil activation technique. JOUR RAACA 96 461

2008GU13 NUCLEAR REACTIONS ^{103}Rh(^{16}O, X)^{114}Te / ^{115}Te / ^{116}Te / ^{117}Te / ^{115}Sb / ^{116}Sb / ^{117}Sb / ^{110}Sn / ^{108}In / ^{109}In / ^{110}In / ^{111}In / ^{103}Ag / ^{104}Ag / ^{106}Ag, E≈46-85 MeV; measured Eγ, Iγ, σ. Discussed fraction of (in)complete fusion. Comparison with PACE4 calculations. HPGe detector, stacked targets, energy degradation technique. JOUR NUPAB 811 77

2008KH11 NUCLEAR REACTIONS Cd(p, X)^{107}Cd / ^{111}Cd / ^{115}Cd / ^{108}In / ^{109}In / ^{110}In / ^{111}In / ^{113}In / ^{114}In / ^{115}In / ^{116}In / ^{104}Ag / ^{105}Ag / ^{106}Ag / ^{110}Ag / ^{111}Ag / ^{113}Ag, E=3-40 MeV; measured Eγ, Iγ, cross sections using the stacked foil activation technique. Compared results to existing data and model calculations. JOUR NIMBE 266 4877

A=111 ***(continued)***

^{111}Sn	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008GA26	NUCLEAR REACTIONS ^{100}Mo(^{20}Ne, 5nα), E=136 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular distributions, half-lives using doppler shift attenuation method. ^{111}Sn; deduced levels, J, π, band structure, moment of inertia of bands, B(E2), deformations, transition quadrupole moments. Total Routhian surface calculations. JOUR PRVCA 78 037301
^{111}Sb	2007HEZV	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm, ^{113}Xe, ^{111,112,113}I, ^{109,110,111,112}Te, ^{107,109,111}Sb, ^{105,106}Sn, ^{102,103,104,105}In, ^{101,102,103,104}Cd, ^{99,101,103}Ag, ^{89,90,91,92,93,94}Tc, ^{90,91,92,94,96}Ru, ^{92,93,95,96,97,98}Rh; measured masses. SHIPTRAP penning trap spectrometer. CONF Lisbon (PROCON 2007),Proc.P319,Herfurth
	2007MA92	ATOMIC MASSES ^{99,101,103}Ag, ^{101,102,103,104}Cd, ^{102,103,104,105}In, ^{105,106}Sn, ^{107,109,111}Sb, ^{109,110,111,112}Te, ^{111,112,113}I, ^{113}Xe; measured and evaluated masses using the SHIPTRAP Penning trap mass spectrometer. ^{104}Sn, ^{105}Sb, ^{108}Te, ^{109}I, ^{112}Xe, ^{113}Cs; evaluated masses. JOUR ZAANE 34 341

A=111 ***(continued)***

2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

^{111}Te

2007HEZV ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm, ^{113}Xe, ^{111,112,113}I, ^{109,110,111,112}Te, ^{107,109,111}Sb, ^{105,106}Sn, ^{102,103,104,105}In, ^{101,102,103,104}Cd, ^{99,101,103}Ag, ^{89,90,91,92,93,94}Tc, ^{90,91,92,94,96}Ru, ^{92,93,95,96,97,98}Rh; measured masses. SHIPTRAP penning trap spectrometer. CONF Lisbon (PROCON 2007),Proc.P319,Herfurth

2007MA92 ATOMIC MASSES ^{99,101,103}Ag, ^{101,102,103,104}Cd, ^{102,103,104,105}In, ^{105,106}Sn, ^{107,109,111}Sb, ^{109,110,111,112}Te, ^{111,112,113}I, ^{113}Xe; measured and evaluated masses using the SHIPTRAP Penning trap mass spectrometer. ^{104}Sn, ^{105}Sb, ^{108}Te, ^{109}I, ^{112}Xe, ^{113}Cs; evaluated masses. JOUR ZAANE 34 341

A=111 ***(continued)***

2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

^{111}I

2007HEZV ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm, ^{113}Xe, ^{111,112,113}I, ^{109,110,111,112}Te, ^{107,109,111}Sb, ^{105,106}Sn, ^{102,103,104,105}In, ^{101,102,103,104}Cd, ^{99,101,103}Ag, ^{89,90,91,92,93,94}Tc, ^{90,91,92,94,96}Ru, ^{92,93,95,96,97,98}Rh; measured masses. SHIPTRAP penning trap spectrometer. CONF Lisbon (PROCON 2007),Proc.P319,Herfurth

2007MA92 ATOMIC MASSES ^{99,101,103}Ag, ^{101,102,103,104}Cd, ^{102,103,104,105}In, ^{105,106}Sn, ^{107,109,111}Sb, ^{109,110,111,112}Te, ^{111,112,113}I, ^{113}Xe; measured and evaluated masses using the SHIPTRAP Penning trap mass spectrometer. ^{104}Sn, ^{105}Sb, ^{108}Te, ^{109}I, ^{112}Xe, ^{113}Cs; evaluated masses. JOUR ZAANE 34 341

2007PE32 NUCLEAR REACTIONS ^{58}Ni(^{54}Fe, 2np), E=195 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$, multipolarities. ^{109}I; deduced levels, J, π, rotational bands; calculated configurations. JUROGAM array. ^{106,108,110,112,114,116,118,120,122,124,126,128,130,132,134,136,138}Te, ^{109,111,113,115,117,119,121,123,125,127,129,131}I, ^{110,112,114,116,118,120,122,124,126,128,130,132,134,136,138,140,142,144}Xe, ^{117,119,121,123,125,127,129}Cs; systematics. JOUR PRVCA 76 054301

A=112

^{112}Pd 2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

^{112}Ag 2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

2008SI09 NUCLEAR REACTIONS ^{159}Tb(^{16}O, X), E=5.6 MeV / nucleon; measured Eγ, Iγ. ^{77}Kr, ^{84m}Y, ^{80}Sr, ^{75}Br, ^{104}Tc, ^{83}Y, ^{85}Y, ^{87m}Y, ^{81}Sr, ^{83}Sr, ^{85m}Sr, ^{74m}Br, ^{83}Kr, ^{88}Kr, ^{94}Ru, ^{102}Ag, ^{95}Ru, ^{79}Rb, ^{87}Zr, ^{110}In, ^{78}As, ^{112}Ag; deduced σ of fission like events after complete and / or incomplete fusion. Recoil-catcher technique, γ-spectroscopy. JOUR IMPEE 17 549

A=112 ***(continued)***

	2008SI09	NUCLEAR REACTIONS ^{169}Tm(^{16}O, X), E=5.9 MeV / nucleon; measured Eγ, Iγ. ^{107}In;^{66}Ge;^{88}Nb;^{95}Y;^{83}Se;^{99m}Tc;^{109}Sn;^{101}Tc;^{79}As;^{105}In;^{108m}Rh;^{95}Ru;^{92}Y;^{98m}Nb;^{87}Kr;^{92}Sr; deduced σ of fission like events after complete and / or incomplete fusion. Recoil-catcher technique, γ-spectroscopy. JOUR IMPEE 17 549
^{112}Cd	2007BA73	NUCLEAR REACTIONS ^{114}Cd(n, n'γ), E*=3.5 MeV; measured Eγ, Iγ, γ-yields, $\gamma\gamma$-coin, angular distributions, half-lives; deduced levels, J, π, multipolarities, mixing ratios, configurations, B(E2), B(M1), B(E1). Comparisons with IBA model calculations. ^{108,110,112,114,116,118}Cd; systematics. JOUR PRVCA 76 054308
	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008BA26	RADIOACTIVITY ^{112}Sn(β^+EC), (2EC); ^{124}Sn(2β^-); measured Eγ, Iγ, T$_{1/2}$ for double-beta decay. JOUR NUPAB 807 269
	2008DA02	RADIOACTIVITY ^{112}Sn(2EC), (β^+EC), ^{124}Sn(2β^-); measured Eγ, Iγ; deduced T$_{1/2}$ lower limits. JOUR NUPAB 799 167
	2008DA13	RADIOACTIVITY ^{112}Sn (2β^+), (2EC); ^{124}Sn(2β^-); measured Eγ, Iγ, half-life. ^{112}Cd, ^{124}Te; deduced levels, J, π. JOUR PRVCA 78 035503
	2008KI18	RADIOACTIVITY ^{112}Sn(2EC); measured Eγ, Iγ, half-life. ^{112}Cd; deduced levels, J, π. Neutrinoless electron capture. JOUR PRVCA 78 035504

A=112 ***(continued)***

^{112}In	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008MA25	NUCLEAR REACTIONS ^{110}Pd, ^{113}In(γ, n), E=9-18 MeV; measured Eγ, Iγ, Isomeric ratios, and excitation functions. JOUR PPNLA 5 374
^{112}Sn	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008BA26	RADIOACTIVITY ^{112}Sn(β^+EC), (2EC); ^{124}Sn(2β^-); measured Eγ, Iγ, $T_{1/2}$ for double-beta decay. JOUR NUPAB 807 269
	2008DA02	RADIOACTIVITY ^{112}Sn(2EC), (β^+EC), ^{124}Sn(2β^-); measured Eγ, Iγ; deduced $T_{1/2}$ lower limits. JOUR NUPAB 799 167

A=112 ***(continued)***

	2008DA13	RADIOACTIVITY ^{112}Sn ($2\beta^+$), (2EC); ^{124}Sn($2\beta^-$); measured Eγ, Iγ, half-life. ^{112}Cd, ^{124}Te; deduced levels, J, π. JOUR PRVCA 78 035503
	2008KI18	RADIOACTIVITY ^{112}Sn(2EC); measured Eγ, Iγ, half-life. ^{112}Cd; deduced levels, J, π. Neutrinoless electron capture. JOUR PRVCA 78 035504
^{112}Sb	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
^{112}Te	2007HEZV	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm, ^{113}Xe, ^{111,112,113}I, ^{109,110,111,112}Te, ^{107,109,111}Sb, ^{105,106}Sn, ^{102,103,104,105}In, ^{101,102,103,104}Cd, ^{99,101,103}Ag, ^{89,90,91,92,93,94}Tc, ^{90,91,92,94,96}Ru, ^{92,93,95,96,97,98}Rh; measured masses. SHIPTRAP penning trap spectrometer. CONF Lisbon (PROCON 2007),Proc.P319,Herfurth
	2007MA92	ATOMIC MASSES ^{99,101,103}Ag, ^{101,102,103,104}Cd, ^{102,103,104,105}In, ^{105,106}Sn, ^{107,109,111}Sb, ^{109,110,111,112}Te, ^{111,112,113}I, ^{113}Xe; measured and evaluated masses using the SHIPTRAP Penning trap mass spectrometer. ^{104}Sn, ^{105}Sb, ^{108}Te, ^{109}I, ^{112}Xe, ^{113}Cs; evaluated masses. JOUR ZAANE 34 341

A=112 ***(continued)***

	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2007PE32	NUCLEAR REACTIONS ^{58}Ni(^{54}Fe, 2np), E=195 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$, multipolarities. ^{109}I; deduced levels, J, π, rotational bands; calculated configurations. JUROGAM array. ^{106,108,110,112,114,116,118,120,122,124,126,128,130,132,134,136,138}Te, ^{109,111,113,115,117,119,121,123,125,127,129,131}I, ^{110,112,114,116,118,120,122,124,126,128,130,132,134,136,138,140,142,144}Xe, ^{117,119,121,123,125,127,129}Cs; systematics. JOUR PRVCA 76 054301
^{112}I	2007HEZV	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm, ^{113}Xe, ^{111,112,113}I, ^{109,110,111,112}Te, ^{107,109,111}Sb, ^{105,106}Sn, ^{102,103,104,105}In, ^{101,102,103,104}Cd, ^{99,101,103}Ag, ^{89,90,91,92,93,94}Tc, ^{90,91,92,94,96}Ru, ^{92,93,95,96,97,98}Rh; measured masses. SHIPTRAP penning trap spectrometer. CONF Lisbon (PROCON 2007),Proc.P319,Herfurth
	2007MA92	ATOMIC MASSES ^{99,101,103}Ag, ^{101,102,103,104}Cd, ^{102,103,104,105}In, ^{105,106}Sn, ^{107,109,111}Sb, ^{109,110,111,112}Te, ^{111,112,113}I, ^{113}Xe; measured and evaluated masses using the SHIPTRAP Penning trap mass spectrometer. ^{104}Sn, ^{105}Sb, ^{108}Te, ^{109}I, ^{112}Xe, ^{113}Cs; evaluated masses. JOUR ZAANE 34 341
^{112}Xe	2007MA92	ATOMIC MASSES ^{99,101,103}Ag, ^{101,102,103,104}Cd, ^{102,103,104,105}In, ^{105,106}Sn, ^{107,109,111}Sb, ^{109,110,111,112}Te, ^{111,112,113}I, ^{113}Xe; measured and evaluated masses using the SHIPTRAP Penning trap mass spectrometer. ^{104}Sn, ^{105}Sb, ^{108}Te, ^{109}I, ^{112}Xe, ^{113}Cs; evaluated masses. JOUR ZAANE 34 341

A=112 *(continued)*

2007PE32 NUCLEAR REACTIONS ^{58}Ni(^{54}Fe, 2np), E=195 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$, multipolarities. ^{109}I; deduced levels, J, π, rotational bands; calculated configurations. JUROGAM array. ^{106,108,110,112,114,116,118,120,122,124,126,128,130,132,134,136,138}Te, ^{109,111,113,115,117,119,121,123,125,127,129,131}I, ^{110,112,114,116,118,120,122,124,126,128,130,132,134,136,138,140,142,144}Xe, ^{117,119,121,123,125,127,129}Cs; systematics. JOUR PRVCA 76 054301

A=113

^{113}Pd 2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

A=113 ***(continued)***

^{113}Ag	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008KH11	NUCLEAR REACTIONS Cd(p, X)^{107}Cd / ^{111}Cd / ^{115}Cd / ^{108}In / ^{109}In / ^{110}In / ^{111}In / ^{113}In / ^{114}In / ^{115}In / ^{116}In / ^{104}Ag / ^{105}Ag / ^{106}Ag / ^{110}Ag / ^{111}Ag / ^{113}Ag, E=3-40 MeV; measured Eγ, Iγ, cross sections using the stacked foil activation technique. Compared results to existing data and model calculations. JOUR NIMBE 266 4877
	2008ZI03	NUCLEAR REACTIONS ^{76,77,78,80,82}Se, ^{106,110,111,112,114,116}Cd(μ^-, nν), E not given; ^{76}Se(μ^-, 2nν), E not given; measured Eγ, Iγ, capture rates, lifetimes, yields. JOUR BRSPE 72 737
^{113}Cd	2007BE61	RADIOACTIVITY ^{113}Cd(β^-); measured β spectra, half-life. Low background experiment. JOUR PRVCA 76 064603

A=113 ***(continued)***

2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

^{113}In

2007BE61 RADIOACTIVITY ^{113}Cd(β^-); measured β spectra, half-life. Low background experiment. JOUR PRVCA 76 064603

2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

2008AL19 NUCLEAR REACTIONS Cd(p, X)^{110}In / ^{111}In / ^{113}In / ^{116}In;E < 14.7 MeV; measured Eγ, Iγ, cross sections using stacked foil activation technique. JOUR RAACA 96 461

A=113 ***(continued)***

	2008KH11	NUCLEAR REACTIONS Cd(p, X)^{107}Cd / ^{111}Cd / ^{115}Cd / ^{108}In / ^{109}In / ^{110}In / ^{111}In / ^{113}In / ^{114}In / ^{115}In / ^{116}In / ^{104}Ag / ^{105}Ag / ^{106}Ag / ^{110}Ag / ^{111}Ag / ^{113}Ag, E=3-40 MeV; measured Eγ, Iγ, cross sections using the stacked foil activation technique. Compared results to existing data and model calculations. JOUR NIMBE 266 4877
^{113}Sn	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
^{113}Sb	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

A=113 ***(continued)***

	2008BH02	NUCLEAR REACTIONS ^{93}Nb(^{20}Ne, X), E=145, 160 MeV; measured Eγ, Iγ, neutron-spectra, fusion cross sections. ^{113}Sb; deduced giant dipole resonance parameters, J. JOUR PRVCA 77 024318
	2008KH06	NUCLEAR REACTIONS Sn(p, pxn)^{117}Sn / ^{113}Sb, E= 5-40 MeV; measured Eγ, Iγ, σ(E), thick target yield of using stacked-foil activation technique. comparison with TALYS and ALICE-PIPE calculations. JOUR KPSJA 53 1181
^{113}Te	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
^{113}I	2007HEZV	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm, ^{113}Xe, ^{111,112,113}I, ^{109,110,111,112}Te, ^{107,109,111}Sb, ^{105,106}Sn, ^{102,103,104,105}In, ^{101,102,103,104}Cd, ^{99,101,103}Ag, ^{89,90,91,92,93,94}Tc, ^{90,91,92,94,96}Ru, ^{92,93,95,96,97,98}Rh; measured masses. SHIPTRAP penning trap spectrometer. CONF Lisbon (PROCON 2007),Proc.P319,Herfurth
	2007MA92	ATOMIC MASSES ^{99,101,103}Ag, ^{101,102,103,104}Cd, ^{102,103,104,105}In, ^{105,106}Sn, ^{107,109,111}Sb, ^{109,110,111,112}Te, ^{111,112,113}I, ^{113}Xe; measured and evaluated masses using the SHIPTRAP Penning trap mass spectrometer. ^{104}Sn, ^{105}Sb, ^{108}Te, ^{109}I, ^{112}Xe, ^{113}Cs; evaluated masses. JOUR ZAANE 34 341

A=113 ***(continued)***

	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2007PE32	NUCLEAR REACTIONS ^{58}Ni(^{54}Fe, 2np), E=195 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$, multipolarities. ^{109}I; deduced levels, J, π, rotational bands; calculated configurations. JUROGAM array. ^{106,108,110,112,114,116,118,120,122,124,126,128,130,132,134,136,138}Te, ^{109,111,113,115,117,119,121,123,125,127,129,131}I, ^{110,112,114,116,118,120,122,124,126,128,130,132,134,136,138,140,142,144}Xe, ^{117,119,121,123,125,127,129}Cs; systematics. JOUR PRVCA 76 054301
^{113}Xe	2006KA74	RADIOACTIVITY ^{105}Sn(EC), (β^+), (ECp), (β^+); measured Eβ, Iβ, β-delayed Eγ, Iγ, $\beta\gamma$-, $\gamma\gamma$-coin, x-ray spectrum; deduced Q values. Total absorption spectrometer (TAS). ^{70m}Br, ^{96,97,98}Ag, ^{100,102,103}In, ^{103}Sn, ^{113}Xe, ^{117}Ba; reviewed Q values. JOUR IMSPF 251 138
	2007HEZV	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm, ^{113}Xe, ^{111,112,113}I, ^{109,110,111,112}Te, ^{107,109,111}Sb, ^{105,106}Sn, ^{102,103,104,105}In, ^{101,102,103,104}Cd, ^{99,101,103}Ag, ^{89,90,91,92,93,94}Tc, ^{90,91,92,94,96}Ru, ^{92,93,95,96,97,98}Rh; measured masses. SHIPTRAP penning trap spectrometer. CONF Lisbon (PROCON 2007),Proc.P319,Herfurth
	2007MA92	ATOMIC MASSES ^{99,101,103}Ag, ^{101,102,103,104}Cd, ^{102,103,104,105}In, ^{105,106}Sn, ^{107,109,111}Sb, ^{109,110,111,112}Te, ^{111,112,113}I, ^{113}Xe; measured and evaluated masses using the SHIPTRAP Penning trap mass spectrometer. ^{104}Sn, ^{105}Sb, ^{108}Te, ^{109}I, ^{112}Xe, ^{113}Cs; evaluated masses. JOUR ZAANE 34 341
^{113}Cs	2007MA92	ATOMIC MASSES ^{99,101,103}Ag, ^{101,102,103,104}Cd, ^{102,103,104,105}In, ^{105,106}Sn, ^{107,109,111}Sb, ^{109,110,111,112}Te, ^{111,112,113}I, ^{113}Xe; measured and evaluated masses using the SHIPTRAP Penning trap mass spectrometer. ^{104}Sn, ^{105}Sb, ^{108}Te, ^{109}I, ^{112}Xe, ^{113}Cs; evaluated masses. JOUR ZAANE 34 341

A=114

^{114}Pd	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
^{114}Ag	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
^{114}Cd	2007BA73	NUCLEAR REACTIONS ^{114}Cd(n, n'γ), E*=3.5 MeV; measured Eγ, Iγ, γ-yields, $\gamma\gamma$-coin, angular distributions, half-lives; deduced levels, J, π, multipolarities, mixing ratios, configurations, B(E2), B(M1), B(E1). Comparisons with IBA model calculations. ^{108,110,112,114,116,118}Cd; systematics. JOUR PRVCA 76 054308

A=114 ***(continued)***

2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

2008BE22 RADIOACTIVITY ^{108}Cd(2EC), ^{114}Cd($2\beta^-$); measured $T_{1/2}$ lower limit. JOUR ZAANE 36 167

^{114}In 2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

2008KH11 NUCLEAR REACTIONS Cd(p, X)^{107}Cd / ^{111}Cd / ^{115}Cd / ^{108}In / ^{109}In / ^{110}In / ^{111}In / ^{113}In / ^{114}In / ^{115}In / ^{116}In / ^{104}Ag / ^{105}Ag / ^{106}Ag / ^{110}Ag / ^{111}Ag / ^{113}Ag, E=3-40 MeV; measured Eγ, Iγ, cross sections using the stacked foil activation technique. Compared results to existing data and model calculations. JOUR NIMBE 266 4877

A=114 ***(continued)***

	2008RE11	NUCLEAR REACTIONS ^{114}Cd(α, n), (α, p), (α, np), (α, 2np), (α, 3np), ^{116}Cd(α, n), (α, 2np), (α, 3np), (α, 3n2p), (α, 3n), ^{114,116}Cd(α, xnp)^{116}In / ^{117}In, E < 40 MeV; measured excitation functions using the stacked foil activation technique. JOUR NIMBE 266 4731
^{114}Sn	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008BE22	RADIOACTIVITY ^{108}Cd(2EC), ^{114}Cd($2\beta^-$); measured $T_{1/2}$ lower limit. JOUR ZAANE 36 167
	2008DO19	NUCLEAR REACTIONS ^{58}Ni(^{114}Sn, ^{114}Sn'), (^{116}Sn, ^{116}Sn'), E=3.4 MeV / nucleon; measured Eγ, Iγ. ^{114,116}Sn; deduced B(E2). Comparison with large-scale shell model calculations and B(E2) for even-even Tin isotopes. Coulomb excitation. JOUR PRVCA 78 031303

A=114 ***(continued)***

^{114}Sb	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
^{114}Te	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2007PE32	NUCLEAR REACTIONS ^{58}Ni(^{54}Fe, 2np), E=195 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$, multipolarities. ^{109}I; deduced levels, J, π, rotational bands; calculated configurations. JUROGAM array. ^{106,108,110,112,114,116,118,120,122,124,126,128,130,132,134,136,138}Te, ^{109,111,113,115,117,119,121,123,125,127,129,131}I, ^{110,112,114,116,118,120,122,124,126,128,130,132,134,136,138,140,142,144}Xe, ^{117,119,121,123,125,127,129}Cs; systematics. JOUR PRVCA 76 054301

A=114 ***(continued)***

	2008GU13	NUCLEAR REACTIONS ^{103}Rh(^{16}O, X)^{114}Te / ^{115}Te / ^{116}Te / ^{117}Te / ^{115}Sb / ^{116}Sb / ^{117}Sb / ^{110}Sn / ^{108}In / ^{109}In / ^{110}In / ^{111}In / ^{103}Ag / ^{104}Ag / ^{106}Ag, E≈46-85 MeV; measured Eγ, Iγ, σ. Discussed fraction of (in)complete fusion. Comparison with PACE4 calculations. HPGe detector, stacked targets, energy degradation technique. JOUR NUPAB 811 77
^{114}I	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
^{114}Xe	2007PE32	NUCLEAR REACTIONS ^{58}Ni(^{54}Fe, 2np), E=195 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$, multipolarities. ^{109}I; deduced levels, J, π, rotational bands; calculated configurations. JUROGAM array. ^{106,108,110,112,114,116,118,120,122,124,126,128,130,132,134,136,138}Te, ^{109,111,113,115,117,119,121,123,125,127,129,131}I, ^{110,112,114,116,118,120,122,124,126,128,130,132,134,136,138,140,142,144}Xe, ^{117,119,121,123,125,127,129}Cs; systematics. JOUR PRVCA 76 054301

A=115

^{115}Pd 2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

^{115}Ag 2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

2008SI09 NUCLEAR REACTIONS ^{169}Tm(^{16}O, X), E=5.9 MeV / nucleon; measured Eγ, Iγ. ^{107}In;^{66}Ge;^{88}Nb;^{95}Y;^{83}Se;^{99m}Tc;^{109}Sn;^{101}Tc;^{79}As;^{105}In;^{108m}Rh;^{95}Ru;^{92}Y;^{98m}Nb;^{87}Kr;^{92}Sr; deduced σ of fission like events after complete and / or incomplete fusion. Recoil-catcher technique, γ-spectroscopy. JOUR IMPEE 17 549

A=115 ***(continued)***

	2008ZI03	NUCLEAR REACTIONS ^{76,77,78,80,82}Se, ^{106,110,111,112,114,116}Cd(μ^-, nν), E not given; ^{76}Se(μ^-, 2nν), E not given; measured Eγ, Iγ, capture rates, lifetimes, yields. JOUR BRSPE 72 737
^{115}Cd	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008KH11	NUCLEAR REACTIONS Cd(p, X)^{107}Cd / ^{111}Cd / ^{115}Cd / ^{108}In / ^{109}In / ^{110}In / ^{111}In / ^{113}In / ^{114}In / ^{115}In / ^{116}In / ^{104}Ag / ^{105}Ag / ^{106}Ag / ^{110}Ag / ^{111}Ag / ^{113}Ag, E=3-40 MeV; measured Eγ, Iγ, cross sections using the stacked foil activation technique. Compared results to existing data and model calculations. JOUR NIMBE 266 4877
	2008RE11	NUCLEAR REACTIONS ^{114}Cd(α, n), (α, p), (α, np), (α, 2np), (α, 3np), ^{116}Cd(α, n), (α, 2np), (α, 3np), (α, 3n2p), (α, 3n), ^{114,116}Cd(α, xnp)^{116}In / ^{117}In, E < 40 MeV; measured excitation functions using the stacked foil activation technique. JOUR NIMBE 266 4731

A=115 ***(continued)***

^{115}In	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008KH11	NUCLEAR REACTIONS Cd(p, X)^{107}Cd / ^{111}Cd / ^{115}Cd / ^{108}In / ^{109}In / ^{110}In / ^{111}In / ^{113}In / ^{114}In / ^{115}In / ^{116}In / ^{104}Ag / ^{105}Ag / ^{106}Ag / ^{110}Ag / ^{111}Ag / ^{113}Ag, E=3-40 MeV; measured Eγ, Iγ, cross sections using the stacked foil activation technique. Compared results to existing data and model calculations. JOUR NIMBE 266 4877
	2008RE11	NUCLEAR REACTIONS ^{114}Cd(α, n), (α, p), (α, np), (α, 2np), (α, 3np), ^{116}Cd(α, n), (α, 2np), (α, 3np), (α, 3n2p), (α, 3n), ^{114,116}Cd(α, xnp)^{116}In / ^{117}In, E < 40 MeV; measured excitation functions using the stacked foil activation technique. JOUR NIMBE 266 4731

A=115 ***(continued)***

^{115}Sn	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
^{115}Sb	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008FA03	NUCLEAR REACTIONS ^{46}Ti, ^{64}Zn, ^{114,116}Sn(p, γ), E(cm)=13.7 MeV; measured Eγ, Iγ following residual decay, σ; deduced astrophysical S-factors, reaction rates. Activation technique. JOUR NUPAB 802 26

A=115 ***(continued)***

	2008GU13	NUCLEAR REACTIONS ^{103}Rh(^{16}O, X)^{114}Te / ^{115}Te / ^{116}Te / ^{117}Te / ^{115}Sb / ^{116}Sb / ^{117}Sb / ^{110}Sn / ^{108}In / ^{109}In / ^{110}In / ^{111}In / ^{103}Ag / ^{104}Ag / ^{106}Ag, E≈46-85 MeV; measured Eγ, Iγ, σ. Discussed fraction of (in)complete fusion. Comparison with PACE4 calculations. HPGe detector, stacked targets, energy degradation technique. JOUR NUPAB 811 77
^{115}Te	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008GU13	NUCLEAR REACTIONS ^{103}Rh(^{16}O, X)^{114}Te / ^{115}Te / ^{116}Te / ^{117}Te / ^{115}Sb / ^{116}Sb / ^{117}Sb / ^{110}Sn / ^{108}In / ^{109}In / ^{110}In / ^{111}In / ^{103}Ag / ^{104}Ag / ^{106}Ag, E≈46-85 MeV; measured Eγ, Iγ, σ. Discussed fraction of (in)complete fusion. Comparison with PACE4 calculations. HPGe detector, stacked targets, energy degradation technique. JOUR NUPAB 811 77

A=115 ***(continued)***

^{115}I 2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

2007PE32 NUCLEAR REACTIONS ^{58}Ni(^{54}Fe, 2np), E=195 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$, multipolarities. ^{109}I; deduced levels, J, π, rotational bands; calculated configurations. JUROGAM array. ^{106,108,110,112,114,116,118,120,122,124,126,128,130,132,134,136,138}Te, ^{109,111,113,115,117,119,121,123,125,127,129,131}I, ^{110,112,114,116,118,120,122,124,126,128,130,132,134,136,138,140,142,144}Xe, ^{117,119,121,123,125,127,129}Cs; systematics. JOUR PRVCA 76 054301

A=116

^{116}Ag 2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

^{116}Cd 2007BA73 NUCLEAR REACTIONS ^{114}Cd(n, n'γ), E*=3.5 MeV; measured Eγ, Iγ, γ-yields, $\gamma\gamma$-coin, angular distributions, half-lives; deduced levels, J, π, multipolarities, mixing ratios, configurations, B(E2), B(M1), B(E1). Comparisons with IBA model calculations. ^{108,110,112,114,116,118}Cd; systematics. JOUR PRVCA 76 054308

2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

A=116 ***(continued)***

^{116}In	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008AL19	NUCLEAR REACTIONS Cd(p, X)^{110}In / ^{111}In / ^{113}In / ^{116}In;E < 14.7 MeV; measured Eγ, Iγ, cross sections using stacked foil activation technique. JOUR RAACA 96 461
	2008KH11	NUCLEAR REACTIONS Cd(p, X)^{107}Cd / ^{111}Cd / ^{115}Cd / ^{108}In / ^{109}In / ^{110}In / ^{111}In / ^{113}In / ^{114}In / ^{115}In / ^{116}In / ^{104}Ag / ^{105}Ag / ^{106}Ag / ^{110}Ag / ^{111}Ag / ^{113}Ag, E=3-40 MeV; measured Eγ, Iγ, cross sections using the stacked foil activation technique. Compared results to existing data and model calculations. JOUR NIMBE 266 4877
	2008RE11	NUCLEAR REACTIONS ^{114}Cd(α, n), (α, p), (α, np), (α, 2np), (α, 3np), ^{116}Cd(α, n), (α, 2np), (α, 3np), (α, 3n2p), (α, 3n), ^{114,116}Cd(α, xnp)^{116}In / ^{117}In, E < 40 MeV; measured excitation functions using the stacked foil activation technique. JOUR NIMBE 266 4731
	2008VO04	NUCLEAR REACTIONS ^{180,182}Hf(n, γ), E=thermal; measured Eγ, Iγ, σ, reaction rates. ^{94,96}Zr(n, γ), E=thermal; measured reaction rates. ^{23}Na, ^{37}Cl, ^{55}Mn, ^{115}In, ^{179}Hf, ^{182}Ta(n, γ), E=thermal; measured Eγ. JOUR PRVCA 77 044608
^{116}Sn	2007CH76	NUCLEAR REACTIONS ^{116}Sn(^{6}Li, ^{6}Li'), E=240 MeV; measured particle spectra, angular distributions, cross sections; deduced B(E2), B(E3). Comparison with ^{90}Zr. ^{116}Sn; deduced J, π. DWBA calculations. JOUR PRVCA 76 054606

A=116 ***(continued)***

2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

2008DO19 NUCLEAR REACTIONS ^{58}Ni(^{114}Sn, ^{114}Sn'), (^{116}Sn, ^{116}Sn'), E=3.4 MeV / nucleon; measured Eγ, Iγ. ^{114,116}Sn; deduced B(E2). Comparison with large-scale shell model calculations and B(E2) for even-even Tin isotopes. Coulomb excitation. JOUR PRVCA 78 031303

2008EA02 NUCLEAR REACTIONS Sn(^{58}Ni, ^{58}Ni'), E=190 MeV; measured particle spectra, Eγ, Iγ, (particle)γ-coin. ^{116,118,120}Sn; deduced g-factors. Transient field technique. JOUR PYLBB 665 147

2008TE03 NUCLEAR REACTIONS ^{116,118,120,122,124}Sn(p, p), E=295 MeV; measured $\sigma(\theta)$, analyzing powers, nucleon density distributions, rms radii. ^{58}Ni; calculated proton, neutron density distributions. JOUR PRVCA 77 024317

A=116 ***(continued)***

^{116}Sb	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008GU13	NUCLEAR REACTIONS ^{103}Rh(^{16}O, X)^{114}Te / ^{115}Te / ^{116}Te / ^{117}Te / ^{115}Sb / ^{116}Sb / ^{117}Sb / ^{110}Sn / ^{108}In / ^{109}In / ^{110}In / ^{111}In / ^{103}Ag / ^{104}Ag / ^{106}Ag, E≈46-85 MeV; measured Eγ, Iγ, σ. Discussed fraction of (in)complete fusion. Comparison with PACE4 calculations. HPGe detector, stacked targets, energy degradation technique. JOUR NUPAB 811 77
^{116}Te	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

A=116 ***(continued)***

	2007PE32	NUCLEAR REACTIONS ^{58}Ni(^{54}Fe, 2np), E=195 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$, multipolarities. ^{109}I; deduced levels, J, π, rotational bands; calculated configurations. JUROGAM array. ^{106,108,110,112,114,116,118,120,122,124,126,128,130,132,134,136,138}Te, ^{109,111,113,115,117,119,121,123,125,127,129,131}I, ^{110,112,114,116,118,120,122,124,126,128,130,132,134,136,138,140,142,144}Xe, ^{117,119,121,123,125,127,129}Cs; systematics. JOUR PRVCA 76 054301
	2008GU13	NUCLEAR REACTIONS ^{103}Rh(^{16}O, X)^{114}Te / ^{115}Te / ^{116}Te / ^{117}Te / ^{115}Sb / ^{116}Sb / ^{117}Sb / ^{110}Sn / ^{108}In / ^{109}In / ^{110}In / ^{111}In / ^{103}Ag / ^{104}Ag / ^{106}Ag, E≈46-85 MeV; measured Eγ, Iγ, σ. Discussed fraction of (in)complete fusion. Comparison with PACE4 calculations. HPGe detector, stacked targets, energy degradation technique. JOUR NUPAB 811 77
	2008RA19	NUCLEAR REACTIONS ^{92,94}Mo(α, n), ^{112}Sn(α, γ), E=8.2-11.1 MeV; measured σ, astrophysical S-factors. Comparison with Hartree-Fock-Bogoliubov calculations. JOUR PRVCA 78 025804
^{116}I	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
^{116}Xe	2007LIZR	RADIOACTIVITY ^{117}Ba(β^+p) [from Ni(^{70}Ge, X)]; measured β-delayed proton spectra, Eγ, Iγ, $\gamma\gamma$- coin, $T_{1/2}$. ^{117}Ba; deduced levels, J.π. CONF Lisbon (PROCON 2007),Proc.P34,Liu

A=116 ***(continued)***

2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

2007PE32 NUCLEAR REACTIONS ^{58}Ni(^{54}Fe, 2np), E=195 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$, multipolarities. ^{109}I; deduced levels, J, π, rotational bands; calculated configurations. JUROGAM array. ^{106,108,110,112,114,116,118,120,122,124,126,128,130,132,134,136,138}Te, ^{109,111,113,115,117,119,121,123,125,127,129,131}I, ^{110,112,114,116,118,120,122,124,126,128,130,132,134,136,138,140,142,144}Xe, ^{117,119,121,123,125,127,129}Cs; systematics. JOUR PRVCA 76 054301

^{116}Ba 2007LIZR RADIOACTIVITY ^{117}La(p) [from ^{64}Zn(^{58}Ni, xpyn), E=305 MeV]; measured Ep, Ip, $T_{1/2}$, pγ-, $\gamma\gamma$-coin; ^{117}La; deduced $T_{1/2}$, γ feeding to proton unbound level. CONF Lisbon (PROCON 2007),Proc.P34,Liu

A=117

^{117}Ru 2006TOZW RADIOACTIVITY ^{117}Ru, ^{120}Rh, ^{121}Pd, ^{123,124,125}Ag, ^{125,126,127}Cd, ^{126,127,129}In, ^{129}Sn(IT); measured Eγ, Iγ, (fragment)γ, $\gamma\gamma$-coin, isomeric half-lives; deduced levels, J, π. THESIS B E Tomlin, Michigan State Univ.

2007TO23 RADIOACTIVITY ^{117}Ru, ^{120}Rh, ^{121}Pd, ^{123,124,125}Ag, ^{125,126,127}Cd(IT); measured Eγ, Iγ from isomer decays. JOUR ZSTNE 150 183

A=117 ***(continued)***

^{117}Pd	2006JO14	ATOMIC MASSES ^{96,97,98,99,100,101,102,103,104,105,106}Zr, ^{98,99,100,101,102,103,104,105,106}Nb, ^{99,100,101,102,103,104,105,106,107,108,109,110}Mo; reviewed cooling and trapping techniques, high-precision measurements of the ground state properties of exotic nuclei. Penning trap (JYFLTRAP at IGISOL facility) method and collinear laser spectroscopy. ^{117}Pd; measured conversion electrons from isomer decay. ^{22}Mg, ^{34}Ar, ^{46}V, ^{62}Ga, ^{74}Rb; reviewed superallowed β decay Ft values. ^{92}Br; measured time of flight spectrum.^{102}Nb; measured γ rays following β^- decay. JOUR IMSPF 251 204
	2007RI17	RADIOACTIVITY ^{117m}Pd, ^{118m}Ag, ^{120m}Ag, ^{118m}In(IT) [from U(p, F), E not given]; measured conversion electron spectra with the JYFLTRAP double Penning trap; deduced transition energies. Comparison with other data. JOUR ZAANE 34 113
^{117}Ag	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

A=117 ***(continued)***

^{117}Cd	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
^{117}In	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008RE11	NUCLEAR REACTIONS ^{114}Cd(α, n), (α, p), (α, np), (α, 2np), (α, 3np), ^{116}Cd(α, n), (α, 2np), (α, 3np), (α, 3n2p), (α, 3n), ^{114,116}Cd(α, xnp)^{116}In / ^{117}In, E < 40 MeV; measured excitation functions using the stacked foil activation technique. JOUR NIMBE 266 4731

A=117 ***(continued)***

^{117}Sn	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008KH06	NUCLEAR REACTIONS Sn(p, pxn)^{117}Sn / ^{113}Sb, E= 5-40 MeV; measured Eγ, Iγ, σ(E), thick target yield of using stacked-foil activation technique. comparison with TALYS and ALICE-PIPE calculations. JOUR KPSJA 53 1181
	2008RE11	NUCLEAR REACTIONS ^{114}Cd(α, n), (α, p), (α, np), (α, 2np), (α, 3np), ^{116}Cd(α, n), (α, 2np), (α, 3np), (α, 3n2p), (α, 3n), ^{114,116}Cd(α, xnp)^{116}In / ^{117}In, E < 40 MeV; measured excitation functions using the stacked foil activation technique. JOUR NIMBE 266 4731

A=117 ***(continued)***

^{117}Sb	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008FA03	NUCLEAR REACTIONS ^{46}Ti, ^{64}Zn, ^{114,116}Sn(p, γ), E(cm)=13.7 MeV; measured Eγ, Iγ following residual decay, σ; deduced astrophysical S-factors, reaction rates. Activation technique. JOUR NUPAB 802 26
	2008GU13	NUCLEAR REACTIONS ^{103}Rh(^{16}O, X)^{114}Te / ^{115}Te / ^{116}Te / ^{117}Te / ^{115}Sb / ^{116}Sb / ^{117}Sb / ^{110}Sn / ^{108}In / ^{109}In / ^{110}In / ^{111}In / ^{103}Ag / ^{104}Ag / ^{106}Ag, E≈46-85 MeV; measured Eγ, Iγ, σ. Discussed fraction of (in)complete fusion. Comparison with PACE4 calculations. HPGe detector, stacked targets, energy degradation technique. JOUR NUPAB 811 77
	2008JO03	NUCLEAR REACTIONS ^{27}Al(^{178}Hf, X)^{121}Sb / ^{123}Sb, E=1150 MeV; measured Eγ, Iγ, half-lives of isomers, internal conversion coefficients; deduced multipolarities, mixing ratios, $\gamma\gamma(\theta)$. ^{121,123}Sb; deduced levels, J, π. ^{120,122}Sn, ^{117,119,125,126,127,128,129,130,131}Sb; systematics. JOUR PRVCA 77 034311

A=117 ***(continued)***

^{117}Te	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008GU13	NUCLEAR REACTIONS ^{103}Rh(^{16}O, X)^{114}Te / ^{115}Te / ^{116}Te / ^{117}Te / ^{115}Sb / ^{116}Sb / ^{117}Sb / ^{110}Sn / ^{108}In / ^{109}In / ^{110}In / ^{111}In / ^{103}Ag / ^{104}Ag / ^{106}Ag, E≈46-85 MeV; measured Eγ, Iγ, σ. Discussed fraction of (in)complete fusion. Comparison with PACE4 calculations. HPGe detector, stacked targets, energy degradation technique. JOUR NUPAB 811 77
^{117}I	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

A=117 ***(continued)***

	2007PE32	NUCLEAR REACTIONS ^{58}Ni(^{54}Fe, 2np), E=195 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$, multipolarities. ^{109}I; deduced levels, J, π, rotational bands; calculated configurations. JUROGAM array. ^{106,108,110,112,114,116,118,120,122,124,126,128,130,132,134,136,138}Te, ^{109,111,113,115,117,119,121,123,125,127,129,131}I, ^{110,112,114,116,118,120,122,124,126,128,130,132,134,136,138,140,142,144}Xe, ^{117,119,121,123,125,127,129}Cs; systematics. JOUR PRVCA 76 054301
^{117}Xe	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
^{117}Cs	2007PE32	NUCLEAR REACTIONS ^{58}Ni(^{54}Fe, 2np), E=195 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$, multipolarities. ^{109}I; deduced levels, J, π, rotational bands; calculated configurations. JUROGAM array. ^{106,108,110,112,114,116,118,120,122,124,126,128,130,132,134,136,138}Te, ^{109,111,113,115,117,119,121,123,125,127,129,131}I, ^{110,112,114,116,118,120,122,124,126,128,130,132,134,136,138,140,142,144}Xe, ^{117,119,121,123,125,127,129}Cs; systematics. JOUR PRVCA 76 054301
^{117}Ba	2006KA74	RADIOACTIVITY ^{105}Sn(EC), (β^+), (ECp), (β^+); measured Eβ, Iβ, β-delayed Eγ, Iγ, $\beta\gamma$-, $\gamma\gamma$-coin, x-ray spectrum; deduced Q values. Total absorption spectrometer (TAS). ^{70m}Br, ^{96,97,98}Ag, ^{100,102,103}In, ^{103}Sn, ^{113}Xe, ^{117}Ba; reviewed Q values. JOUR IMSPF 251 138
	2007LIZR	RADIOACTIVITY ^{117}Ba(β^+p) [from Ni(^{70}Ge, X)]; measured β-delayed proton spectra, Eγ, Iγ, $\gamma\gamma$- coin, $T_{1/2}$. ^{117}Ba; deduced levels, J.π. CONF Lisbon (PROCON 2007),Proc.P34,Liu
^{117}La	2007LIZR	RADIOACTIVITY ^{117}La(p) [from ^{64}Zn(^{58}Ni, xpyn), E=305 MeV]; measured Ep, Ip, $T_{1/2}$, pγ-, $\gamma\gamma$-coin; ^{117}La; deduced $T_{1/2}$, γ feeding to proton unbound level. CONF Lisbon (PROCON 2007),Proc.P34,Liu

A=118

^{118}Ag 2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

2007RI17 RADIOACTIVITY ^{117m}Pd, ^{118m}Ag, ^{120m}Ag, ^{118m}In(IT) [from U(p, F), E not given]; measured conversion electron spectra with the JYFLTRAP double Penning trap; deduced transition energies. Comparison with other data. JOUR ZAANE 34 113

^{118}Cd 2007BA73 NUCLEAR REACTIONS ^{114}Cd(n, n'γ), E*=3.5 MeV; measured Eγ, Iγ, γ-yields, $\gamma\gamma$-coin, angular distributions, half-lives; deduced levels, J, π, multipolarities, mixing ratios, configurations, B(E2), B(M1), B(E1). Comparisons with IBA model calculations. ^{108,110,112,114,116,118}Cd; systematics. JOUR PRVCA 76 054308

A=118 ***(continued)***

	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
^{118}In	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2007RI17	RADIOACTIVITY ^{117m}Pd, ^{118m}Ag, ^{120m}Ag, ^{118m}In(IT) [from U(p, F), E not given]; measured conversion electron spectra with the JYFLTRAP double Penning trap; deduced transition energies. Comparison with other data. JOUR ZAANE 34 113

A=118 ***(continued)***

^{118}Sn	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008EA02	NUCLEAR REACTIONS Sn(^{58}Ni, ^{58}Ni'), E=190 MeV; measured particle spectra, Eγ, Iγ, (particle)γ-coin. ^{116,118,120}Sn; deduced g-factors. Transient field technique. JOUR PYLBB 665 147
	2008NI04	NUCLEAR REACTIONS ^{117,119}Sn(n, γ), E=15-100, 550 keV; measured Eγ, Iγ, cross sections. Compared results to existing data and evaluated cross sections. JOUR JNSTA 45 352
	2008PIZY	NUCLEAR REACTIONS Ni, ^{90,92}Zr, ^{118}Sn, ^{208}Pb(^{20}Ne, ^{20}Ne'), E not given; measured particle spectra, $\sigma(\theta)$; deduced quasielatic barrier distributions; calculated barrier distributions; ^{90,92}Zr(^{20}Ne, X), E not given; measured excitation-energy spectra. Compared results to Coupled Channel calculations. CONF Crete(FINUSTAR 2),Proc.P238,Piasecki
	2008TE03	NUCLEAR REACTIONS ^{116,118,120,122,124}Sn(p, p), E=295 MeV; measured $\sigma(\theta)$, analyzing powers, nucleon density distributions, rms radii. ^{58}Ni; calculated proton, neutron density distributions. JOUR PRVCA 77 024317

A=118 ***(continued)***

^{118}Sb 2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

^{118}Te 2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

2007PE32 NUCLEAR REACTIONS ^{58}Ni(^{54}Fe, 2np), E=195 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$, multipolarities. ^{109}I; deduced levels, J, π, rotational bands; calculated configurations. JUROGAM array. ^{106,108,110,112,114,116,118,120,122,124,126,128,130,132,134,136,138}Te, ^{109,111,113,115,117,119,121,123,125,127,129,131}I, ^{110,112,114,116,118,120,122,124,126,128,130,132,134,136,138,140,142,144}Xe, ^{117,119,121,123,125,127,129}Cs; systematics. JOUR PRVCA 76 054301

A=118 ***(continued)***

^{118}I	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008MO16	NUCLEAR REACTIONS ^{110}Cd(^{12}C, 3np), E=80 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{118}I; deduced levels, J, π. JOUR KPSJA 53 1844
^{118}Xe	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

A=118 *(continued)*

2007PE32 NUCLEAR REACTIONS ^{58}Ni(^{54}Fe, 2np), E=195 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$, multipolarities. ^{109}I; deduced levels, J, π, rotational bands; calculated configurations. JUROGAM array. ^{106,108,110,112,114,116,118,120,122,124,126,128,130,132,134,136,138}Te, ^{109,111,113,115,117,119,121,123,125,127,129,131}I, ^{110,112,114,116,118,120,122,124,126,128,130,132,134,136,138,140,142,144}Xe, ^{117,119,121,123,125,127,129}Cs; systematics. JOUR PRVCA 76 054301

A=119

^{119}Rh 2006TOZW RADIOACTIVITY ^{126}Cd, ^{122}Ag, ^{121,122}Pd, ^{119,120}Rh(β^-); measured Eγ, Iγ, $\beta\gamma$, $\gamma\gamma$-coin, half-lives; deduced levels, J, π. THESIS B E Tomlin, Michigan State Univ.

^{119}Pd 2006TOZW RADIOACTIVITY ^{126}Cd, ^{122}Ag, ^{121,122}Pd, ^{119,120}Rh(β^-); measured Eγ, Iγ, $\beta\gamma$, $\gamma\gamma$-coin, half-lives; deduced levels, J, π. THESIS B E Tomlin, Michigan State Univ.

^{119}Ag 2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

A=119 ***(continued)***

^{119}Cd	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
^{119}In	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

A=119 ***(continued)***

^{119}Sn	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008AL24	NUCLEAR REACTIONS ^{119}Sn(γ, γ), E=23.8 keV; measured Mossbauer absorption spectrum in the presence of a resonant absorber screen. JOUR BRSPE 72 769
	2008RE11	NUCLEAR REACTIONS ^{114}Cd(α, n), (α, p), (α, np), (α, 2np), (α, 3np), ^{116}Cd(α, n), (α, 2np), (α, 3np), (α, 3n2p), (α, 3n), ^{114,116}Cd(α, xnp)^{116}In / ^{117}In, E < 40 MeV; measured excitation functions using the stacked foil activation technique. JOUR NIMBE 266 4731
^{119}Sb	2007GU30	NUCLEAR REACTIONS ^{121}Sb(p, t), E=21 MeV; measured triton spectra, $\sigma(\theta)$. ^{119}Sb; deduced level energies, J, π. DWBA analysis. JOUR JPGPE 34 2665

A=119 ***(continued)***

2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

2008JO03 NUCLEAR REACTIONS ^{27}Al(^{178}Hf, X)^{121}Sb / ^{123}Sb, E=1150 MeV; measured Eγ, Iγ, half-lives of isomers, internal conversion coefficients; deduced multipolarities, mixing ratios, $\gamma\gamma(\theta)$. ^{121,123}Sb; deduced levels, J, π. ^{120,122}Sn, ^{117,119,125,126,127,128,129,130,131}Sb; systematics. JOUR PRVCA 77 034311

^{119}Te

2007KRZY NUCLEAR REACTIONS ^{127}I(d, X)^{111}In / ^{119}Te / ^{121}I / ^{122}Sb / ^{123}I / ^{124}I / ^{125}Xe / ^{126}I, E=2.52 GeV; measured yields; ^{129}I(d, X)^{121}Te / ^{124}I / ^{126}I / ^{130}I, E=2.52 GeV; measured yields; ^{237}Np(d, X)^{97}Zr / ^{99}Mo / ^{132}Te / ^{133}I / ^{238}Np, E=2.52 GeV; measured yields; ^{238}Pu(d, X)^{97}Zr / ^{135}Xe, E$\approx$2.5 GeV; measured yields; ^{239}Pu(d, X)^{103}Ru / ^{128}Sb / ^{132}Te / ^{133}I / ^{135}I / ^{135}Xe / ^{140}Ba / ^{143}Ce / ^{91}Sr / ^{97}Zr, E$\approx$2.5 GeV; measured yields; ^{26}Al(n, α), ^{197}Au(n, γ), ^{197}Au(n, 2n), ^{197}Au(n, 4n), E not given; measured radial distributions of production rates of daughter nuclei; ^{89}Y(n, 2n), ^{89}Y(n, 3n), ^{89}Y(n, 4n), E not given; measured production rates of daughter nuclei. activation detector for transmutation setup; ^{238}U, Pb(n, f), ^{238}U, Pb(n, γ), E not given; measured σ. REPT JINR-E1-2007-7,Krivopustov

A=119 ***(continued)***

2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

^{119}I

2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

2007PE32 NUCLEAR REACTIONS ^{58}Ni(^{54}Fe, 2np), E=195 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$, multipolarities. ^{109}I; deduced levels, J, π, rotational bands; calculated configurations. JUROGAM array. ^{106,108,110,112,114,116,118,120,122,124,126,128,130,132,134,136,138}Te, ^{109,111,113,115,117,119,121,123,125,127,129,131}I, ^{110,112,114,116,118,120,122,124,126,128,130,132,134,136,138,140,142,144}Xe, ^{117,119,121,123,125,127,129}Cs; systematics. JOUR PRVCA 76 054301

A=119 *(continued)*

^{119}Xe	2007MO37	NUCLEAR REACTIONS ^{116}Cd(^{13}C, 4n), E=62 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$. ^{125}Xe; deduced levels, J, π, configurations. ^{119,121,123,125}Xe; systematics of yrast and yrare levels. JOUR PRVCA 76 067301
	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
^{119}Cs	2007PE32	NUCLEAR REACTIONS ^{58}Ni(^{54}Fe, 2np), E=195 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$, multipolarities. ^{109}I; deduced levels, J, π, rotational bands; calculated configurations. JUROGAM array. ^{106,108,110,112,114,116,118,120,122,124,126,128,130,132,134,136,138}Te, ^{109,111,113,115,117,119,121,123,125,127,129,131}I, ^{110,112,114,116,118,120,122,124,126,128,130,132,134,136,138,140,142,144}Xe, ^{117,119,121,123,125,127,129}Cs; systematics. JOUR PRVCA 76 054301

A=120

^{120}Rh	2006TOZW	RADIOACTIVITY ^{117}Ru, ^{120}Rh, ^{121}Pd, ^{123,124,125}Ag, ^{125,126,127}Cd, ^{126,127,129}In, ^{129}Sn(IT); measured Eγ, Iγ, (fragment)γ, $\gamma\gamma$-coin, isomeric half-lives; deduced levels, J, π. THESIS B E Tomlin, Michigan State Univ.
	2006TOZW	RADIOACTIVITY ^{126}Cd, ^{122}Ag, ^{121,122}Pd, ^{119,120}Rh(β^-); measured Eγ, Iγ, $\beta\gamma$, $\gamma\gamma$-coin, half-lives; deduced levels, J, π. THESIS B E Tomlin, Michigan State Univ.
	2007TO23	RADIOACTIVITY ^{117}Ru, ^{120}Rh, ^{121}Pd, ^{123,124,125}Ag, ^{125,126,127}Cd(IT); measured Eγ, Iγ from isomer decays. JOUR ZSTNE 150 183
^{120}Pd	2006TOZW	RADIOACTIVITY ^{126}Cd, ^{122}Ag, ^{121,122}Pd, ^{119,120}Rh(β^-); measured Eγ, Iγ, $\beta\gamma$, $\gamma\gamma$-coin, half-lives; deduced levels, J, π. THESIS B E Tomlin, Michigan State Univ.

A=120 ***(continued)***

^{120}Ag	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2007RI17	RADIOACTIVITY ^{117m}Pd, ^{118m}Ag, ^{120m}Ag, ^{118m}In(IT) [from U(p, F), E not given]; measured conversion electron spectra with the JYFLTRAP double Penning trap; deduced transition energies. Comparison with other data. JOUR ZAANE 34 113
^{120}Cd	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

A=120 ***(continued)***

^{120}In	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
^{120}Sn	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008ACZZ	NUCLEAR REACTIONS ^{208}Pb(^{6}He, ^{6}He), ^{208}Pb(^{6}He, 2nα), E=14, 16, 18, 22 MeV; ^{120}Sn(^{11}Be, ^{11}Be'), E=32 MeV; measured particle spectra, $\sigma(\theta)$; Compared results to CDCC and DWBA calculations. CONF Crete(FINUSTAR 2),Proc.P333,Acosta
	2008EA02	NUCLEAR REACTIONS Sn(^{58}Ni, ^{58}Ni'), E=190 MeV; measured particle spectra, Eγ, Iγ, (particle)γ-coin. ^{116,118,120}Sn; deduced g-factors. Transient field technique. JOUR PYLBB 665 147

A=120 ***(continued)***

	2008JO03	NUCLEAR REACTIONS ^{27}Al(^{178}Hf, X)^{121}Sb / ^{123}Sb, E=1150 MeV; measured Eγ, Iγ, half-lives of isomers, internal conversion coefficients; deduced multipolarities, mixing ratios, $\gamma\gamma(\theta)$. ^{121,123}Sb; deduced levels, J, π. ^{120,122}Sn, ^{117,119,125,126,127,128,129,130,131}Sb; systematics. JOUR PRVCA 77 034311
	2008NI04	NUCLEAR REACTIONS ^{117,119}Sn(n, γ), E=15-100, 550 keV; measured Eγ, Iγ, cross sections. Compared results to existing data and evaluated cross sections. JOUR JNSTA 45 352
	2008ST04	NUCLEAR REACTIONS ^{104}Pd(^{67}Cu, ^{67}Cu'), (^{69}Cu, ^{69}Cu'), (^{71}Cu, ^{71}Cu'), E=2.99 MeV / nucleon; ^{120}Sn(^{71}Cu, ^{71}Cu'), (^{73}Cu, ^{73}Cu'), E=2.99 MeV / nucleon; measured Eγ, Iγ following coulomb excitation. ^{67,69,71,73}Cu; deduced level energies, B(E2). JOUR PRLTA 100 112502
	2008TE03	NUCLEAR REACTIONS ^{116,118,120,122,124}Sn(p, p), E=295 MeV; measured $\sigma(\theta)$, analyzing powers, nucleon density distributions, rms radii. ^{58}Ni; calculated proton, neutron density distributions. JOUR PRVCA 77 024317
	2008VAZY	NUCLEAR REACTIONS ^{120}Sn(^{74}Zn, ^{74}Zn'), E=2.87 MeV / nucleon; ^{120}Sn(^{76}Zn, ^{76}Zn'), ^{108}Pd(^{78}Zn, ^{78}Zn'), E=2.83 MeV / nucleon; ^{108}Pd(^{80}Zn, ^{80}Zn'), E=2.79 MeV / nucleon; measured Eγ, Iγ; ^{78,80}Zn; deduced levels, B(E2); Calculated level energies, B(E2) using the Shell model. CONF Crete(FINUSTAR 2),Proc.P291,Van de Walle
^{120}Sb	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008CA20	NUCLEAR REACTIONS ^{117}Sn(α, γ), (α, p), E(cm)=11.5, 14.6 MeV; measured σ; deduced astrophysical S-factors. Comparison with McFadden Optical model calculations. JOUR PRVCA 78 035803

A=120 ***(continued)***

^{120}Te	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2007PE32	NUCLEAR REACTIONS ^{58}Ni(^{54}Fe, 2np), E=195 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$, multipolarities. ^{109}I; deduced levels, J, π, rotational bands; calculated configurations. JUROGAM array. ^{106,108,110,112,114,116,118,120,122,124,126,128,130,132,134,136,138}Te, ^{109,111,113,115,117,119,121,123,125,127,129,131}I, ^{110,112,114,116,118,120,122,124,126,128,130,132,134,136,138,140,142,144}Xe, ^{117,119,121,123,125,127,129}Cs; systematics. JOUR PRVCA 76 054301
	2008SU14	NUCLEAR REACTIONS ^{132}Ba(p, t), E=25 MeV; measured triton spectra, σ(E, θ). ^{130}Ba deduced levels, J, π, configurations. DWBA analysis. Comparison with interacting boson model predictions. ^{122}Te(p, t), E=25 MeV; measured triton spectra; deduced Q-value. JOUR ZAANE 36 243

A=120 ***(continued)***

^{120}I	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
^{120}Xe	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2007PE32	NUCLEAR REACTIONS ^{58}Ni(^{54}Fe, 2np), E=195 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$, multipolarities. ^{109}I; deduced levels, J, π, rotational bands; calculated configurations. JUROGAM array. ^{106,108,110,112,114,116,118,120,122,124,126,128,130,132,134,136,138}Te, ^{109,111,113,115,117,119,121,123,125,127,129,131}I, ^{110,112,114,116,118,120,122,124,126,128,130,132,134,136,138,140,142,144}Xe, ^{117,119,121,123,125,127,129}Cs; systematics. JOUR PRVCA 76 054301

A=120 *(continued)*

^{120}Ce	2007DAZU	RADIOACTIVITY ^{121}Pr(p) [from ^{92}Mo(p, 6n)^{121}Pr; measured Ep, Ip. ^{121}Pr; deduced $T_{1/2}$. CONF Lisbon (PROCON 2007),Proc.P3,Davids

A=121

^{121}Pd	2006TOZW	RADIOACTIVITY ^{117}Ru, ^{120}Rh, ^{121}Pd, ^{123,124,125}Ag, ^{125,126,127}Cd, ^{126,127,129}In, ^{129}Sn(IT); measured Eγ, Iγ, (fragment)γ, $\gamma\gamma$-coin, isomeric half-lives; deduced levels, J, π. THESIS B E Tomlin, Michigan State Univ.
	2006TOZW	RADIOACTIVITY ^{126}Cd, ^{122}Ag, ^{121,122}Pd, ^{119,120}Rh(β^-); measured Eγ, Iγ, $\beta\gamma$, $\gamma\gamma$-coin, half-lives; deduced levels, J, π. THESIS B E Tomlin, Michigan State Univ.
	2007TO23	RADIOACTIVITY ^{117}Ru, ^{120}Rh, ^{121}Pd, ^{123,124,125}Ag, ^{125,126,127}Cd(IT); measured Eγ, Iγ from isomer decays. JOUR ZSTNE 150 183
^{121}Ag	2006TOZW	RADIOACTIVITY ^{126}Cd, ^{122}Ag, ^{121,122}Pd, ^{119,120}Rh(β^-); measured Eγ, Iγ, $\beta\gamma$, $\gamma\gamma$-coin, half-lives; deduced levels, J, π. THESIS B E Tomlin, Michigan State Univ.
	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

A=121 ***(continued)***

^{121}Cd	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
^{121}In	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

A=121 ***(continued)***

^{121}Sn	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
^{121}Sb	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008JO03	NUCLEAR REACTIONS ^{27}Al(^{178}Hf, X)^{121}Sb / ^{123}Sb, E=1150 MeV; measured Eγ, Iγ, half-lives of isomers, internal conversion coefficients; deduced multipolarities, mixing ratios, $\gamma\gamma(\theta)$. ^{121,123}Sb; deduced levels, J, π. ^{120,122}Sn, ^{117,119,125,126,127,128,129,130,131}Sb; systematics. JOUR PRVCA 77 034311
	2008KO03	RADIOACTIVITY ^{121}Sb(IT); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{121}Sb; deduced levels, J, π, new isomer, half-life. JOUR APOBB 39 489

A=121 ***(continued)***

^{121}Te	2007KRZY	NUCLEAR REACTIONS ^{127}I(d, X)^{111}In / ^{119}Te / ^{121}I / ^{122}Sb / ^{123}I / ^{124}I / ^{125}Xe / ^{126}I, E=2.52 GeV; measured yields; ^{129}I(d, X)^{121}Te / ^{124}I / ^{126}I / ^{130}I, E=2.52 GeV; measured yields; ^{237}Np(d, X)^{97}Zr / ^{99}Mo / ^{132}Te / ^{133}I / ^{238}Np, E=2.52 GeV; measured yields; ^{238}Pu(d, X)^{97}Zr / ^{135}Xe, E≈2.5 GeV; measured yields; ^{239}Pu(d, X)^{103}Ru / ^{128}Sb / ^{132}Te / ^{133}I / ^{135}I / ^{135}Xe / ^{140}Ba / ^{143}Ce / ^{91}Sr / ^{97}Zr, E≈2.5 GeV; measured yields; ^{26}Al(n, α), ^{197}Au(n, γ), ^{197}Au(n, 2n), ^{197}Au(n, 4n), E not given; measured radial distributions of production rates of daughter nuclei; ^{89}Y(n, 2n), ^{89}Y(n, 3n), ^{89}Y(n, 4n), E not given; measured production rates of daughter nuclei. activation detector for transmutation setup; ^{238}U, Pb(n, f), ^{238}U, Pb(n, γ), E not given; measured σ. REPT JINR-E1-2007-7,Krivopustov
	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008CA20	NUCLEAR REACTIONS ^{117}Sn(α, γ), (α, p), E(cm)=11.5, 14.6 MeV; measured σ; deduced astrophysical S-factors. Comparison with McFadden Optical model calculations. JOUR PRVCA 78 035803
	2008EA01	NUCLEAR REACTIONS ^{120,122,124,126,128,130}Te(n, γ), E not given; measured Eγ, Iγ, cross sections, resonance integral. JOUR PRVCA 77 024303
	2008EA01	RADIOACTIVITY ^{121m}Te, ^{121}Te, ^{127m}Te, ^{131m}Te; measured half-lives. JOUR PRVCA 77 024303

A=121 ***(continued)***

^{121}I	2007KRZY	NUCLEAR REACTIONS ^{127}I(d, X)^{111}In / ^{119}Te / ^{121}I / ^{122}Sb / ^{123}I / ^{124}I / ^{125}Xe / ^{126}I, E=2.52 GeV; measured yields; ^{129}I(d, X)^{121}Te / ^{124}I / ^{126}I / ^{130}I, E=2.52 GeV; measured yields; ^{237}Np(d, X)^{97}Zr / ^{99}Mo / ^{132}Te / ^{133}I / ^{238}Np, E=2.52 GeV; measured yields; ^{238}Pu(d, X)^{97}Zr / ^{135}Xe, E≈2.5 GeV; measured yields; ^{239}Pu(d, X)^{103}Ru / ^{128}Sb / ^{132}Te / ^{133}I / ^{135}I / ^{135}Xe / ^{140}Ba / ^{143}Ce / ^{91}Sr / ^{97}Zr, E≈2.5 GeV; measured yields; ^{26}Al(n, α), ^{197}Au(n, γ), ^{197}Au(n, 2n), ^{197}Au(n, 4n), E not given; measured radial distributions of production rates of daughter nuclei; ^{89}Y(n, 2n), ^{89}Y(n, 3n), ^{89}Y(n, 4n), E not given; measured production rates of daughter nuclei. activation detector for transmutation setup; ^{238}U, Pb(n, f), ^{238}U, Pb(n, γ), E not given; measured σ. REPT JINR-E1-2007-7,Krivopustov
	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2007PE32	NUCLEAR REACTIONS ^{58}Ni(^{54}Fe, 2np), E=195 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$, multipolarities. ^{109}I; deduced levels, J, π, rotational bands; calculated configurations. JUROGAM array. ^{106,108,110,112,114,116,118,120,122,124,126,128,130,132,134,136,138}Te, ^{109,111,113,115,117,119,121,123,125,127,129,131}I, ^{110,112,114,116,118,120,122,124,126,128,130,132,134,136,138,140,142,144}Xe, ^{117,119,121,123,125,127,129}Cs; systematics. JOUR PRVCA 76 054301
^{121}Xe	2007MO37	NUCLEAR REACTIONS ^{116}Cd(^{13}C, 4n), E=62 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$. ^{125}Xe; deduced levels, J, π, configurations. ^{119,121,123,125}Xe; systematics of yrast and yrare levels. JOUR PRVCA 76 067301

A=121 ***(continued)***

	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
^{121}Cs	2007PE32	NUCLEAR REACTIONS ^{58}Ni(^{54}Fe, 2np), E=195 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$, multipolarities. ^{109}I; deduced levels, J, π, rotational bands; calculated configurations. JUROGAM array. ^{106,108,110,112,114,116,118,120,122,124,126,128,130,132,134,136,138}Te, ^{109,111,113,115,117,119,121,123,125,127,129,131}I, ^{110,112,114,116,118,120,122,124,126,128,130,132,134,136,138,140,142,144}Xe, ^{117,119,121,123,125,127,129}Cs; systematics. JOUR PRVCA 76 054301
^{121}Pr	2007DAZU	RADIOACTIVITY ^{121}Pr(p) [from ^{92}Mo(p, 6n)^{121}Pr; measured Ep, Ip. ^{121}Pr; deduced $T_{1/2}$. CONF Lisbon (PROCON 2007),Proc.P3,Davids

A=122

^{122}Pd	2006TOZW	RADIOACTIVITY ^{126}Cd, ^{122}Ag, ^{121,122}Pd, ^{119,120}Rh(β^-); measured Eγ, Iγ, $\beta\gamma$, $\gamma\gamma$-coin, half-lives; deduced levels, J, π. THESIS B E Tomlin, Michigan State Univ.
^{122}Ag	2006TOZW	RADIOACTIVITY ^{126}Cd, ^{122}Ag, ^{121,122}Pd, ^{119,120}Rh(β^-); measured Eγ, Iγ, $\beta\gamma$, $\gamma\gamma$-coin, half-lives; deduced levels, J, π. THESIS B E Tomlin, Michigan State Univ.

A=122 ***(continued)***

2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

2008SM01 RADIOACTIVITY ^{122}Ag(β^-) [from ^{238}U(p, F), E=50 MeV]; measured Eγ, Iγ, $\gamma\gamma$-coin, lifetimes. ^{122}Cd; deduced levels, B(M1), B(E1), B(E2), half-lives using Advanced Time-delayed $\beta\gamma\gamma$(t) method. Comparison with ^{124}Sn, ^{126}Te. JOUR PRVCA 77 014309

^{122}Cd 2006TOZW RADIOACTIVITY ^{126}Cd, ^{122}Ag, ^{121,122}Pd, ^{119,120}Rh(β^-); measured Eγ, Iγ, $\beta\gamma$, $\gamma\gamma$-coin, half-lives; deduced levels, J, π. THESIS B E Tomlin, Michigan State Univ.

2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

A=122 ***(continued)***

	2008KRZZ	NUCLEAR REACTIONS ^{58}Ni(^{122}Cd, ^{122}Cd'), (^{124}Cd, ^{124}Cd'), (^{126}Cd, ^{126}Cd'), (^{138}Xe, ^{138}Xe'), (^{140}Xe, ^{140}Xe'), (^{142}Xe, ^{142}Xe'), (^{144}Xe, ^{144}Xe'), (^{140}Ba, ^{140}Ba'), E=2.85 MeV / nucleon; measured Eγ, Iγ, g-factor; ^{122,124,126}Cd, ^{138,140,142,144}Xe, ^{140}Ba; deduced B(E2). Compared results to existing data, systematics and model calculations. CONF Crete(FINUSTAR 2),Proc.P84,Kroll
	2008SM01	RADIOACTIVITY ^{122}Ag(β^-) [from ^{238}U(p, F), E=50 MeV]; measured Eγ, Iγ, $\gamma\gamma$-coin, lifetimes. ^{122}Cd; deduced levels, B(M1), B(E1), B(E2), half-lives using Advanced Time-delayed $\beta\gamma\gamma$(t) method. Comparison with ^{124}Sn, ^{126}Te. JOUR PRVCA 77 014309
^{122}In	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

A=122 ***(continued)***

^{122}Sn	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008JO03	NUCLEAR REACTIONS ^{27}Al(^{178}Hf, X)^{121}Sb / ^{123}Sb, E=1150 MeV; measured Eγ, Iγ, half-lives of isomers, internal conversion coefficients; deduced multipolarities, mixing ratios, $\gamma\gamma(\theta)$. ^{121,123}Sb; deduced levels, J, π. ^{120,122}Sn, ^{117,119,125,126,127,128,129,130,131}Sb; systematics. JOUR PRVCA 77 034311
	2008TE03	NUCLEAR REACTIONS ^{116,118,120,122,124}Sn(p, p), E=295 MeV; measured $\sigma(\theta)$, analyzing powers, nucleon density distributions, rms radii. ^{58}Ni; calculated proton, neutron density distributions. JOUR PRVCA 77 024317
^{122}Sb	2007KRZY	NUCLEAR REACTIONS ^{127}I(d, X)^{111}In / ^{119}Te / ^{121}I / ^{122}Sb / ^{123}I / ^{124}I / ^{125}Xe / ^{126}I, E=2.52 GeV; measured yields; ^{129}I(d, X)^{121}Te / ^{124}I / ^{126}I / ^{130}I, E=2.52 GeV; measured yields; ^{237}Np(d, X)^{97}Zr / ^{99}Mo / ^{132}Te / ^{133}I / ^{238}Np, E=2.52 GeV; measured yields; ^{238}Pu(d, X)^{97}Zr / ^{135}Xe, E$\approx$2.5 GeV; measured yields; ^{239}Pu(d, X)^{103}Ru / ^{128}Sb / ^{132}Te / ^{133}I / ^{135}I / ^{135}Xe / ^{140}Ba / ^{143}Ce / ^{91}Sr / ^{97}Zr, E$\approx$2.5 GeV; measured yields; ^{26}Al(n, α), ^{197}Au(n, γ), ^{197}Au(n, 2n), ^{197}Au(n, 4n), E not given; measured radial distributions of production rates of daughter nuclei; ^{89}Y(n, 2n), ^{89}Y(n, 3n), ^{89}Y(n, 4n), E not given; measured production rates of daughter nuclei. activation detector for transmutation setup; ^{238}U, Pb(n, f), ^{238}U, Pb(n, γ), E not given; measured σ. REPT JINR-E1-2007-7,Krivopustov

A=122 ***(continued)***

2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

^{122}Te

2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

2007PE32 NUCLEAR REACTIONS ^{58}Ni(^{54}Fe, 2np), E=195 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$, multipolarities. ^{109}I; deduced levels, J, π, rotational bands; calculated configurations. JUROGAM array. ^{106,108,110,112,114,116,118,120,122,124,126,128,130,132,134,136,138}Te, ^{109,111,113,115,117,119,121,123,125,127,129,131}I, ^{110,112,114,116,118,120,122,124,126,128,130,132,134,136,138,140,142,144}Xe, ^{117,119,121,123,125,127,129}Cs; systematics. JOUR PRVCA 76 054301

A=122 ***(continued)***

^{122}I	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
^{122}Xe	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2007PE32	NUCLEAR REACTIONS ^{58}Ni(^{54}Fe, 2np), E=195 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$, multipolarities. ^{109}I; deduced levels, J, π, rotational bands; calculated configurations. JUROGAM array. ^{106,108,110,112,114,116,118,120,122,124,126,128,130,132,134,136,138}Te, ^{109,111,113,115,117,119,121,123,125,127,129,131}I, ^{110,112,114,116,118,120,122,124,126,128,130,132,134,136,138,140,142,144}Xe, ^{117,119,121,123,125,127,129}Cs; systematics. JOUR PRVCA 76 054301

A=122 *(continued)*

^{122}Cs	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
^{122}La	2007PEZU	NUCLEAR REACTIONS ^{92}Mo(^{40}Ca, xnypzα)^{122}La, E=200 MeV; measured Eγ, Iγ, n, x-rays, charged particle. ^{122}La; deduced levels, J, π, bands. CONF Lisbon (PROCON 2007),Proc.P255,Petrache

A=123

^{123}Ag	2006TOZW	RADIOACTIVITY ^{117}Ru, ^{120}Rh, ^{121}Pd, ^{123,124,125}Ag, ^{125,126,127}Cd, ^{126,127,129}In, ^{129}Sn(IT); measured Eγ, Iγ, (fragment)γ, $\gamma\gamma$-coin, isomeric half-lives; deduced levels, J, π. THESIS B E Tomlin, Michigan State Univ.
	2007TO23	RADIOACTIVITY ^{117}Ru, ^{120}Rh, ^{121}Pd, ^{123,124,125}Ag, ^{125,126,127}Cd(IT); measured Eγ, Iγ from isomer decays. JOUR ZSTNE 150 183

A=123 ***(continued)***

^{123}Cd	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
^{123}In	2005SCZ0	RADIOACTIVITY ^{123,125,126,127,128,129,130}In, ^{125}Cd(IT); Measured Eγ, Iγ, lifetimes of isomeric states; Deduced level energies, J, π, B(M2). THESIS A Scherillo, Univ of Cologne
	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

A=123 ***(continued)***

^{123}Sn	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
^{123}Sb	2007JU06	NUCLEAR REACTIONS ^{122}Sn(^{7}Li, α2nγ), E=35 MeV; ^{124}Sn(^{7}Li, α2nγ), E=37 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, internal conversion coefficients, conversion electron spectra; deduced multipolarties, B(E1), B(E2), B(E3), B(M2), B(M4). ^{123,125}Sb; measured half-lives; deduced levels, J, π. JOUR PRVCA 76 054306
	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

A=123 ***(continued)***

	2008JO03	NUCLEAR REACTIONS ^{27}Al(^{178}Hf, X)^{121}Sb / ^{123}Sb, E=1150 MeV; measured Eγ, Iγ, half-lives of isomers, internal conversion coefficients; deduced multipolarities, mixing ratios, $\gamma\gamma(\theta)$. ^{121,123}Sb; deduced levels, J, π. ^{120,122}Sn, ^{117,119,125,126,127,128,129,130,131}Sb; systematics. JOUR PRVCA 77 034311
^{123}Te	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008EA01	NUCLEAR REACTIONS ^{120,122,124,126,128,130}Te(n, γ), E not given; measured Eγ, Iγ, cross sections, resonance integral. JOUR PRVCA 77 024303
^{123}I	2007KRZY	NUCLEAR REACTIONS ^{127}I(d, X)^{111}In / ^{119}Te / ^{121}I / ^{122}Sb / ^{123}I / ^{124}I / ^{125}Xe / ^{126}I, E=2.52 GeV; measured yields; ^{129}I(d, X)^{121}Te / ^{124}I / ^{126}I / ^{130}I, E=2.52 GeV; measured yields; ^{237}Np(d, X)^{97}Zr / ^{99}Mo / ^{132}Te / ^{133}I / ^{238}Np, E=2.52 GeV; measured yields; ^{238}Pu(d, X)^{97}Zr / ^{135}Xe, E$\approx$2.5 GeV; measured yields; ^{239}Pu(d, X)^{103}Ru / ^{128}Sb / ^{132}Te / ^{133}I / ^{135}I / ^{135}Xe / ^{140}Ba / ^{143}Ce / ^{91}Sr / ^{97}Zr, E$\approx$2.5 GeV; measured yields; ^{26}Al(n, α), ^{197}Au(n, γ), ^{197}Au(n, 2n), ^{197}Au(n, 4n), E not given; measured radial distributions of production rates of daughter nuclei; ^{89}Y(n, 2n), ^{89}Y(n, 3n), ^{89}Y(n, 4n), E not given; measured production rates of daughter nuclei. activation detector for transmutation setup; ^{238}U, Pb(n, f), ^{238}U, Pb(n, γ), E not given; measured σ. REPT JINR-E1-2007-7,Krivopustov

A=123 ***(continued)***

2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

2007PE32 NUCLEAR REACTIONS ^{58}Ni(^{54}Fe, 2np), E=195 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$, multipolarities. ^{109}I; deduced levels, J, π, rotational bands; calculated configurations. JUROGAM array. ^{106,108,110,112,114,116,118,120,122,124,126,128,130,132,134,136,138}Te, ^{109,111,113,115,117,119,121,123,125,127,129,131}I, ^{110,112,114,116,118,120,122,124,126,128,130,132,134,136,138,140,142,144}Xe, ^{117,119,121,123,125,127,129}Cs; systematics. JOUR PRVCA 76 054301

^{123}Xe 2007MO37 NUCLEAR REACTIONS ^{116}Cd(^{13}C, 4n), E=62 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$. ^{125}Xe; deduced levels, J, π, configurations. ^{119,121,123,125}Xe; systematics of yrast and yrare levels. JOUR PRVCA 76 067301

A=123 ***(continued)***

2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

^{123}Cs

2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

2007PE32 NUCLEAR REACTIONS ^{58}Ni(^{54}Fe, 2np), E=195 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$, multipolarities. ^{109}I; deduced levels, J, π, rotational bands; calculated configurations. JUROGAM array. ^{106,108,110,112,114,116,118,120,122,124,126,128,130,132,134,136,138}Te, ^{109,111,113,115,117,119,121,123,125,127,129,131}I, ^{110,112,114,116,118,120,122,124,126,128,130,132,134,136,138,140,142,144}Xe, ^{117,119,121,123,125,127,129}Cs; systematics. JOUR PRVCA 76 054301

A=124

^{124}Ag	2006TOZW	RADIOACTIVITY ^{117}Ru, ^{120}Rh, ^{121}Pd, ^{123,124,125}Ag, ^{125,126,127}Cd, ^{126,127,129}In, ^{129}Sn(IT); measured Eγ, Iγ, (fragment)γ, $\gamma\gamma$-coin, isomeric half-lives; deduced levels, J, π. THESIS B E Tomlin, Michigan State Univ.
	2007TO23	RADIOACTIVITY ^{117}Ru, ^{120}Rh, ^{121}Pd, ^{123,124,125}Ag, ^{125,126,127}Cd(IT); measured Eγ, Iγ from isomer decays. JOUR ZSTNE 150 183
^{124}Cd	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008KRZZ	NUCLEAR REACTIONS ^{58}Ni(^{122}Cd, ^{122}Cd'), (^{124}Cd, ^{124}Cd'), (^{126}Cd, ^{126}Cd'), (^{138}Xe, ^{138}Xe'), (^{140}Xe, ^{140}Xe'), (^{142}Xe, ^{142}Xe'), (^{144}Xe, ^{144}Xe'), (^{140}Ba, ^{140}Ba'), E=2.85 MeV / nucleon; measured Eγ, Iγ, g-factor; ^{122,124,126}Cd, ^{138,140,142,144}Xe, ^{140}Ba; deduced B(E2). Compared results to existing data, systematics and model calculations. CONF Crete(FINUSTAR 2),Proc.P84,Kroll

A=124 ***(continued)***

^{124}In	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
^{124}Sn	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008BA26	RADIOACTIVITY ^{112}Sn(β^+EC), (2EC); ^{124}Sn($2\beta^-$); measured Eγ, Iγ, $T_{1/2}$ for double-beta decay. JOUR NUPAB 807 269
	2008DA02	RADIOACTIVITY ^{112}Sn(2EC), (β^+EC), ^{124}Sn($2\beta^-$); measured Eγ, Iγ; deduced $T_{1/2}$ lower limits. JOUR NUPAB 799 167
	2008DA13	RADIOACTIVITY ^{112}Sn ($2\beta^+$), (2EC); ^{124}Sn($2\beta^-$); measured Eγ, Iγ, half-life. ^{112}Cd, ^{124}Te; deduced levels, J, π. JOUR PRVCA 78 035503

A=124 ***(continued)***

	2008LO07	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X), E=600 MeV / nucleon; ^{9}Be(^{238}U, X), E=750 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin, multipolarities. ^{125,127,129}Sn; deduced levels, J, π, half-lives of sub-υs states, B(E2). ^{124,125,126,127,128,129,130}Sn; analyzed B(E2). JOUR PRVCA 77 064313
	2008TE03	NUCLEAR REACTIONS ^{116,118,120,122,124}Sn(p, p), E=295 MeV; measured $\sigma(\theta)$, analyzing powers, nucleon density distributions, rms radii. ^{58}Ni; calculated proton, neutron density distributions. JOUR PRVCA 77 024317
^{124}Sb	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2009EL01	NUCLEAR REACTIONS ^{124}Sn(p, n), E=3.0-16.2 MeV; measured excitation function. Comparison to existing data and model calculations. JOUR ARISE 67 147

A=124 ***(continued)***

^{124}Te	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2007PE32	NUCLEAR REACTIONS ^{58}Ni(^{54}Fe, 2np), E=195 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$, multipolarities. ^{109}I; deduced levels, J, π, rotational bands; calculated configurations. JUROGAM array. ^{106,108,110,112,114,116,118,120,122,124,126,128,130,132,134,136,138}Te, ^{109,111,113,115,117,119,121,123,125,127,129,131}I, ^{110,112,114,116,118,120,122,124,126,128,130,132,134,136,138,140,142,144}Xe, ^{117,119,121,123,125,127,129}Cs; systematics. JOUR PRVCA 76 054301
	2008BA26	RADIOACTIVITY ^{112}Sn(β^+EC), (2EC); ^{124}Sn(2β^-); measured Eγ, Iγ, $T_{1/2}$ for double-beta decay. JOUR NUPAB 807 269
	2008DA02	RADIOACTIVITY ^{112}Sn(2EC), (β^+EC), ^{124}Sn(2β^-); measured Eγ, Iγ; deduced $T_{1/2}$ lower limits. JOUR NUPAB 799 167
	2008DA13	RADIOACTIVITY ^{112}Sn (2β^+), (2EC); ^{124}Sn(2β^-); measured Eγ, Iγ, half-life. ^{112}Cd, ^{124}Te; deduced levels, J, π. JOUR PRVCA 78 035503
	2008GH04	RADIOACTIVITY ^{124}I(β^+); measured Eγ, Iγ, $\gamma\gamma$-coin, log ft. ^{124}Te; deduced levels, J, π. Comparison to model calculations. JOUR IMPEE 17 1453
^{124}I	2007KRZY	NUCLEAR REACTIONS ^{127}I(d, X)^{111}In / ^{119}Te / ^{121}I / ^{122}Sb / ^{123}I / ^{124}I / ^{125}Xe / ^{126}I, E=2.52 GeV; measured yields; ^{129}I(d, X)^{121}Te / ^{124}I / ^{126}I / ^{130}I, E=2.52 GeV; measured yields; ^{237}Np(d, X)^{97}Zr / ^{99}Mo / ^{132}Te / ^{133}I / ^{238}Np, E=2.52 GeV; measured yields; ^{238}Pu(d, X)^{97}Zr / ^{135}Xe, E≈2.5 GeV; measured yields; ^{239}Pu(d, X)^{103}Ru / ^{128}Sb / ^{132}Te / ^{133}I / ^{135}I / ^{135}Xe / ^{140}Ba / ^{143}Ce / ^{91}Sr / ^{97}Zr, E≈2.5 GeV; measured yields; ^{26}Al(n, α), ^{197}Au(n, γ), ^{197}Au(n, 2n), ^{197}Au(n, 4n), E not given; measured radial distributions of production rates of daughter nuclei; ^{89}Y(n, 2n), ^{89}Y(n, 3n), ^{89}Y(n, 4n), E not given; measured production rates of daughter nuclei. activation detector for transmutation setup; ^{238}U, Pb(n, f), ^{238}U, Pb(n, γ), E not given; measured σ. REPT JINR-E1-2007-7,Krivopustov

A=124 ***(continued)***

2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

2008GH04 RADIOACTIVITY ^{124}I(β^+); measured Eγ, Iγ, $\gamma\gamma$-coin, log ft. ^{124}Te; deduced levels, J, π. Comparison to model calculations. JOUR IMPEE 17 1453

^{124}Xe 2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

A=124 ***(continued)***

	2007PE32	NUCLEAR REACTIONS ^{58}Ni(^{54}Fe, 2np), E=195 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$, multipolarities. ^{109}I; deduced levels, J, π, rotational bands; calculated configurations. JUROGAM array. ^{106,108,110,112,114,116,118,120,122,124,126,128,130,132,134,136,138}Te, ^{109,111,113,115,117,119,121,123,125,127,129,131}I, ^{110,112,114,116,118,120,122,124,126,128,130,132,134,136,138,140,142,144}Xe, ^{117,119,121,123,125,127,129}Cs; systematics. JOUR PRVCA 76 054301
	2008AL12	NUCLEAR REACTIONS ^{82}Se(^{48}Ca, 6n), E=205 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin using Gammasphere. ^{124}Xe deduced levels, J, π. JOUR ZAANE 36 21
^{124}Cs	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

A=125

^{125}Pd	2008OH06	NUCLEAR REACTIONS Be(^{238}U, X)^{125}Pd / ^{126}Pd, E=345 MeV / nucleon; measured fragment energies, ToF, Eγ, Iγ, (fragment)γ-coin, yields. JOUR JUPSA 77 83201
	2008OHZZ	NUCLEAR REACTIONS Be(^{238}U, X), E=345 MeV / nucleon; measured fission fragment spectra, Eγ, Iγ, (fragment)γ-coin. ^{125,126}Pd; deduced production cross sections. REPT RIKEN-NC-NP-21,Ohnishi
^{125}Ag	2006TOZW	RADIOACTIVITY ^{117}Ru, ^{120}Rh, ^{121}Pd, ^{123,124,125}Ag, ^{125,126,127}Cd, ^{126,127,129}In, ^{129}Sn(IT); measured Eγ, Iγ, (fragment)γ, $\gamma\gamma$-coin, isomeric half-lives; deduced levels, J, π. THESIS B E Tomlin, Michigan State Univ.
	2007TO23	RADIOACTIVITY ^{117}Ru, ^{120}Rh, ^{121}Pd, ^{123,124,125}Ag, ^{125,126,127}Cd(IT); measured Eγ, Iγ from isomer decays. JOUR ZSTNE 150 183

A=125 ***(continued)***

^{125}Cd	2005SCZO	RADIOACTIVITY ^{123,125,126,127,128,129,130}In, ^{125}Cd(IT); Measured Eγ, Iγ, lifetimes of isomeric states; Deduced level energies, J, π, B(M2). THESIS A Scherillo, Univ of Cologne
	2006TOZW	RADIOACTIVITY ^{117}Ru, ^{120}Rh, ^{121}Pd, ^{123,124,125}Ag, ^{125,126,127}Cd, ^{126,127,129}In, ^{129}Sn(IT); measured Eγ, Iγ, (fragment)γ, $\gamma\gamma$-coin, isomeric half-lives; deduced levels, J, π. THESIS B E Tomlin, Michigan State Univ.
	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2007TO23	RADIOACTIVITY ^{117}Ru, ^{120}Rh, ^{121}Pd, ^{123,124,125}Ag, ^{125,126,127}Cd(IT); measured Eγ, Iγ from isomer decays. JOUR ZSTNE 150 183
^{125}In	2005SCZO	RADIOACTIVITY ^{123,125,126,127,128,129,130}In, ^{125}Cd(IT); Measured Eγ, Iγ, lifetimes of isomeric states; Deduced level energies, J, π, B(M2). THESIS A Scherillo, Univ of Cologne

A=125 ***(continued)***

	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
^{125}Sn	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008LO07	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X), E=600 MeV / nucleon; ^{9}Be(^{238}U, X), E=750 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin, multipolarities. ^{125,127,129}Sn; deduced levels, J, π, half-lives of sub-υs states, B(E2). ^{124,125,126,127,128,129,130}Sn; analyzed B(E2). JOUR PRVCA 77 064313

A=125 ***(continued)***

^{125}Sb	2007JU06	NUCLEAR REACTIONS ^{122}Sn(^{7}Li, α2nγ), E=35 MeV; ^{124}Sn(^{7}Li, α2nγ), E=37 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, internal conversion coefficients, conversion electron spectra; deduced multipolarties, B(E1), B(E2), B(E3), B(M2), B(M4). ^{123,125}Sb; measured half-lives; deduced levels, J, π. JOUR PRVCA 76 054306
	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008JO03	NUCLEAR REACTIONS ^{27}Al(^{178}Hf, X)^{121}Sb / ^{123}Sb, E=1150 MeV; measured Eγ, Iγ, half-lives of isomers, internal conversion coefficients; deduced multipolarities, mixing ratios, $\gamma\gamma(\theta)$. ^{121,123}Sb; deduced levels, J, π. ^{120,122}Sn, ^{117,119,125,126,127,128,129,130,131}Sb; systematics. JOUR PRVCA 77 034311

A=125 ***(continued)***

^{125}Te	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008EA01	NUCLEAR REACTIONS ^{120,122,124,126,128,130}Te(n, γ), E not given; measured Eγ, Iγ, cross sections, resonance integral. JOUR PRVCA 77 024303
^{125}I	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

A=125 ***(continued)***

	2007PE32	NUCLEAR REACTIONS ^{58}Ni(^{54}Fe, 2np), E=195 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$, multipolarities. ^{109}I; deduced levels, J, π, rotational bands; calculated configurations. JUROGAM array. ^{106,108,110,112,114,116,118,120,122,124,126,128,130,132,134,136,138}Te, ^{109,111,113,115,117,119,121,123,125,127,129,131}I, ^{110,112,114,116,118,120,122,124,126,128,130,132,134,136,138,140,142,144}Xe, ^{117,119,121,123,125,127,129}Cs; systematics. JOUR PRVCA 76 054301
^{125}Xe	2007KRZY	NUCLEAR REACTIONS ^{127}I(d, X)^{111}In / ^{119}Te / ^{121}I / ^{122}Sb / ^{123}I / ^{124}I / ^{125}Xe / ^{126}I, E=2.52 GeV; measured yields; ^{129}I(d, X)^{121}Te / ^{124}I / ^{126}I / ^{130}I, E=2.52 GeV; measured yields; ^{237}Np(d, X)^{97}Zr / ^{99}Mo / ^{132}Te / ^{133}I / ^{238}Np, E=2.52 GeV; measured yields; ^{238}Pu(d, X)^{97}Zr / ^{135}Xe, E≈2.5 GeV; measured yields; ^{239}Pu(d, X)^{103}Ru / ^{128}Sb / ^{132}Te / ^{133}I / ^{135}I / ^{135}Xe / ^{140}Ba / ^{143}Ce / ^{91}Sr / ^{97}Zr, E≈2.5 GeV; measured yields; ^{26}Al(n, α), ^{197}Au(n, γ), ^{197}Au(n, 2n), ^{197}Au(n, 4n), E not given; measured radial distributions of production rates of daughter nuclei; ^{89}Y(n, 2n), ^{89}Y(n, 3n), ^{89}Y(n, 4n), E not given; measured production rates of daughter nuclei. activation detector for transmutation setup; ^{238}U, Pb(n, f), ^{238}U, Pb(n, γ), E not given; measured σ. REPT JINR-E1-2007-7,Krivopustov
	2007MO37	NUCLEAR REACTIONS ^{116}Cd(^{13}C, 4n), E=62 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$. ^{125}Xe; deduced levels, J, π, configurations. ^{119,121,123,125}Xe; systematics of yrast and yrare levels. JOUR PRVCA 76 067301
	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

A=125 *(continued)*

^{125}Cs	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2007PE32	NUCLEAR REACTIONS ^{58}Ni(^{54}Fe, 2np), E=195 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$, multipolarities. ^{109}I; deduced levels, J, π, rotational bands; calculated configurations. JUROGAM array. ^{106,108,110,112,114,116,118,120,122,124,126,128,130,132,134,136,138}Te, ^{109,111,113,115,117,119,121,123,125,127,129,131}I, ^{110,112,114,116,118,120,122,124,126,128,130,132,134,136,138,140,142,144}Xe, ^{117,119,121,123,125,127,129}Cs; systematics. JOUR PRVCA 76 054301
	2008SI26	NUCLEAR REACTIONS ^{124}Sn(^{11}B, 4nγ), E=46 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular distributions, polarizations. ^{131}Cs; deduced levels, J, π, band structure, configurations, B(M1), B(E2). ^{125,129}Cs, ^{130}Xe; band systematics. Comparisons with Hartree-Fock calculations. JOUR PRVCA 78 034313

A=126

^{126}Pd	2008OH06	NUCLEAR REACTIONS Be(^{238}U, X)^{125}Pd / ^{126}Pd, E=345 MeV / nucleon; measured fragment energies, ToF, Eγ, Iγ, (fragment)γ-coin, yields. JOUR JUPSA 77 83201
	2008OHZZ	NUCLEAR REACTIONS Be(^{238}U, X), E=345 MeV / nucleon; measured fission fragment spectra, Eγ, Iγ, (fragment)γ-coin. ^{125,126}Pd; deduced production cross sections. REPT RIKEN-NC-NP-21,Ohnishi
^{126}Cd	2006TOZW	RADIOACTIVITY ^{117}Ru, ^{120}Rh, ^{121}Pd, ^{123,124,125}Ag, ^{125,126,127}Cd, ^{126,127,129}In, ^{129}Sn(IT); measured Eγ, Iγ, (fragment)γ, $\gamma\gamma$-coin, isomeric half-lives; deduced levels, J, π. THESIS B E Tomlin, Michigan State Univ.

A=126 ***(continued)***

	2006TOZW	RADIOACTIVITY ^{126}Cd, ^{122}Ag, ^{121,122}Pd, ^{119,120}Rh(β^-); measured Eγ, Iγ, $\beta\gamma$, $\gamma\gamma$-coin, half-lives; deduced levels, J, π. THESIS B E Tomlin, Michigan State Univ.
	2007TO23	RADIOACTIVITY ^{117}Ru, ^{120}Rh, ^{121}Pd, ^{123,124,125}Ag, ^{125,126,127}Cd(IT); measured Eγ, Iγ from isomer decays. JOUR ZSTNE 150 183
	2008KRZZ	NUCLEAR REACTIONS ^{58}Ni(^{122}Cd, ^{122}Cd'), (^{124}Cd, ^{124}Cd'), (^{126}Cd, ^{126}Cd'), (^{138}Xe, ^{138}Xe'), (^{140}Xe, ^{140}Xe'), (^{142}Xe, ^{142}Xe'), (^{144}Xe, ^{144}Xe'), (^{140}Ba, ^{140}Ba'), E=2.85 MeV / nucleon; measured Eγ, Iγ, g-factor; ^{122,124,126}Cd, ^{138,140,142,144}Xe, ^{140}Ba; deduced B(E2). Compared results to existing data, systematics and model calculations. CONF Crete(FINUSTAR 2),Proc.P84,Kroll
^{126}In	2005SCZO	RADIOACTIVITY ^{123,125,126,127,128,129,130}In, ^{125}Cd(IT); Measured Eγ, Iγ, lifetimes of isomeric states; Deduced level energies, J, π, B(M2). THESIS A Scherillo, Univ of Cologne
	2006TOZW	RADIOACTIVITY ^{117}Ru, ^{120}Rh, ^{121}Pd, ^{123,124,125}Ag, ^{125,126,127}Cd, ^{126,127,129}In, ^{129}Sn(IT); measured Eγ, Iγ, (fragment)γ, $\gamma\gamma$-coin, isomeric half-lives; deduced levels, J, π. THESIS B E Tomlin, Michigan State Univ.
	2006TOZW	RADIOACTIVITY ^{126}Cd, ^{122}Ag, ^{121,122}Pd, ^{119,120}Rh(β^-); measured Eγ, Iγ, $\beta\gamma$, $\gamma\gamma$-coin, half-lives; deduced levels, J, π. THESIS B E Tomlin, Michigan State Univ.
	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

A=126 ***(continued)***

^{126}Sn	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008LO07	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X), E=600 MeV / nucleon; ^{9}Be(^{238}U, X), E=750 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin, multipolarities. ^{125,127,129}Sn; deduced levels, J, π, half-lives of sub-υs states, B(E2). ^{124,125,126,127,128,129,130}Sn; analyzed B(E2). JOUR PRVCA 77 064313
^{126}Sb	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

A=126 ***(continued)***

	2008JO03	NUCLEAR REACTIONS ^{27}Al(^{178}Hf, X)^{121}Sb / ^{123}Sb, E=1150 MeV; measured Eγ, Iγ, half-lives of isomers, internal conversion coefficients; deduced multipolarities, mixing ratios, $\gamma\gamma(\theta)$. ^{121,123}Sb; deduced levels, J, π. ^{120,122}Sn, ^{117,119,125,126,127,128,129,130,131}Sb; systematics. JOUR PRVCA 77 034311
^{126}Te	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2007PE32	NUCLEAR REACTIONS ^{58}Ni(^{54}Fe, 2np), E=195 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$, multipolarities. ^{109}I; deduced levels, J, π, rotational bands; calculated configurations. JUROGAM array. ^{106,108,110,112,114,116,118,120,122,124,126,128,130,132,134,136,138}Te, ^{109,111,113,115,117,119,121,123,125,127,129,131}I, ^{110,112,114,116,118,120,122,124,126,128,130,132,134,136,138,140,142,144}Xe, ^{117,119,121,123,125,127,129}Cs; systematics. JOUR PRVCA 76 054301
^{126}I	2007KRZY	NUCLEAR REACTIONS ^{127}I(d, X)^{111}In / ^{119}Te / ^{121}I / ^{122}Sb / ^{123}I / ^{124}I / ^{125}Xe / ^{126}I, E=2.52 GeV; measured yields; ^{129}I(d, X)^{121}Te / ^{124}I / ^{126}I / ^{130}I, E=2.52 GeV; measured yields; ^{237}Np(d, X)^{97}Zr / ^{99}Mo / ^{132}Te / ^{133}I / ^{238}Np, E=2.52 GeV; measured yields; ^{238}Pu(d, X)^{97}Zr / ^{135}Xe, E$\approx$2.5 GeV; measured yields; ^{239}Pu(d, X)^{103}Ru / ^{128}Sb / ^{132}Te / ^{133}I / ^{135}I / ^{135}Xe / ^{140}Ba / ^{143}Ce / ^{91}Sr / ^{97}Zr, E$\approx$2.5 GeV; measured yields; ^{26}Al(n, α), ^{197}Au(n, γ), ^{197}Au(n, 2n), ^{197}Au(n, 4n), E not given; measured radial distributions of production rates of daughter nuclei; ^{89}Y(n, 2n), ^{89}Y(n, 3n), ^{89}Y(n, 4n), E not given; measured production rates of daughter nuclei. activation detector for transmutation setup; ^{238}U, Pb(n, f), ^{238}U, Pb(n, γ), E not given; measured σ. REPT JINR-E1-2007-7,Krivopustov

A=126 ***(continued)***

	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
^{126}Xe	2006HE29	ATOMIC MASSES ^{126,129,130,131,136}Xe; measured mass excesses, and relative abundances of different charge states of ^{131}Xe using the ISOLTRAP Penning trap method. JOUR IMSPF 251 131
	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

A=126 ***(continued)***

	2007PE32	NUCLEAR REACTIONS ^{58}Ni(^{54}Fe, 2np), E=195 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$, multipolarities. ^{109}I; deduced levels, J, π, rotational bands; calculated configurations. JUROGAM array. ^{106,108,110,112,114,116,118,120,122,124,126,128,130,132,134,136,138}Te, ^{109,111,113,115,117,119,121,123,125,127,129,131}I, ^{110,112,114,116,118,120,122,124,126,128,130,132,134,136,138,140,142,144}Xe, ^{117,119,121,123,125,127,129}Cs; systematics. JOUR PRVCA 76 054301
^{126}Cs	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

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^{127}Cd	2006TOZW	RADIOACTIVITY ^{117}Ru, ^{120}Rh, ^{121}Pd, ^{123,124,125}Ag, ^{125,126,127}Cd, ^{126,127,129}In, ^{129}Sn(IT); measured Eγ, Iγ, (fragment)γ, $\gamma\gamma$-coin, isomeric half-lives; deduced levels, J, π. THESIS B E Tomlin, Michigan State Univ.
	2007TO23	RADIOACTIVITY ^{117}Ru, ^{120}Rh, ^{121}Pd, ^{123,124,125}Ag, ^{125,126,127}Cd(IT); measured Eγ, Iγ from isomer decays. JOUR ZSTNE 150 183
^{127}In	2005SCZO	RADIOACTIVITY ^{123,125,126,127,128,129,130}In, ^{125}Cd(IT); Measured Eγ, Iγ, lifetimes of isomeric states; Deduced level energies, J, π, B(M2). THESIS A Scherillo, Univ of Cologne
	2006TOZW	RADIOACTIVITY ^{117}Ru, ^{120}Rh, ^{121}Pd, ^{123,124,125}Ag, ^{125,126,127}Cd, ^{126,127,129}In, ^{129}Sn(IT); measured Eγ, Iγ, (fragment)γ, $\gamma\gamma$-coin, isomeric half-lives; deduced levels, J, π. THESIS B E Tomlin, Michigan State Univ.

A=127 ***(continued)***

	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
^{127}Sn	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008DW01	ATOMIC MASSES ^{127,131,132,133,134}Sn; measured masses using the ISOLTRAP mass spectrometer. Discussed implications on the N=82 neutron-shell gap. JOUR PRLTA 100 072501

A=127 ***(continued)***

	2008LO07	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X), E=600 MeV / nucleon; ^{9}Be(^{238}U, X), E=750 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin, multipolarities. ^{125,127,129}Sn; deduced levels, J, π, half-lives of sub-υs states, B(E2). ^{124,125,126,127,128,129,130}Sn; analyzed B(E2). JOUR PRVCA 77 064313
^{127}Sb	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008JO03	NUCLEAR REACTIONS ^{27}Al(^{178}Hf, X)^{121}Sb / ^{123}Sb, E=1150 MeV; measured Eγ, Iγ, half-lives of isomers, internal conversion coefficients; deduced multipolarities, mixing ratios, $\gamma\gamma(\theta)$. ^{121,123}Sb; deduced levels, J, π. ^{120,122}Sn, ^{117,119,125,126,127,128,129,130,131}Sb; systematics. JOUR PRVCA 77 034311

A=127 ***(continued)***

^{127}Te	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008EA01	NUCLEAR REACTIONS ^{120,122,124,126,128,130}Te(n, γ), E not given; measured Eγ, Iγ, cross sections, resonance integral. JOUR PRVCA 77 024303
	2008EA01	RADIOACTIVITY ^{121m}Te, ^{121}Te, ^{127m}Te, ^{131m}Te; measured half-lives. JOUR PRVCA 77 024303
^{127}I	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

A=127 ***(continued)***

	2007PE32	NUCLEAR REACTIONS ^{58}Ni(^{54}Fe, 2np), E=195 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$, multipolarities. ^{109}I; deduced levels, J, π, rotational bands; calculated configurations. JUROGAM array. ^{106,108,110,112,114,116,118,120,122,124,126,128,130,132,134,136,138}Te, ^{109,111,113,115,117,119,121,123,125,127,129,131}I, ^{110,112,114,116,118,120,122,124,126,128,130,132,134,136,138,140,142,144}Xe, ^{117,119,121,123,125,127,129}Cs; systematics. JOUR PRVCA 76 054301
^{127}Xe	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
^{127}Cs	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

A=127 ***(continued)***

	2007PE32	NUCLEAR REACTIONS ^{58}Ni(^{54}Fe, 2np), E=195 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$, multipolarities. ^{109}I; deduced levels, J, π, rotational bands; calculated configurations. JUROGAM array. ^{106,108,110,112,114,116,118,120,122,124,126,128,130,132,134,136,138}Te, ^{109,111,113,115,117,119,121,123,125,127,129,131}I, ^{110,112,114,116,118,120,122,124,126,128,130,132,134,136,138,140,142,144}Xe, ^{117,119,121,123,125,127,129}Cs; systematics. JOUR PRVCA 76 054301
^{127}Ba	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

A=128

^{128}In	2005SCZ0	RADIOACTIVITY ^{123,125,126,127,128,129,130}In, ^{125}Cd(IT); Measured Eγ, Iγ, lifetimes of isomeric states; Deduced level energies, J, π, B(M2). THESIS A Scherillo, Univ of Cologne

A=128 ***(continued)***

^{128}Sn	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008LO07	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X), E=600 MeV / nucleon; ^{9}Be(^{238}U, X), E=750 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin, multipolarities. ^{125,127,129}Sn; deduced levels, J, π, half-lives of sub-υs states, B(E2). ^{124,125,126,127,128,129,130}Sn; analyzed B(E2). JOUR PRVCA 77 064313
^{128}Sb	2007KRZY	NUCLEAR REACTIONS ^{127}I(d, X)^{111}In / ^{119}Te / ^{121}I / ^{122}Sb / ^{123}I / ^{124}I / ^{125}Xe / ^{126}I, E=2.52 GeV; measured yields; ^{129}I(d, X)^{121}Te / ^{124}I / ^{126}I / ^{130}I, E=2.52 GeV; measured yields; ^{237}Np(d, X)^{97}Zr / ^{99}Mo / ^{132}Te / ^{133}I / ^{238}Np, E=2.52 GeV; measured yields; ^{238}Pu(d, X)^{97}Zr / ^{135}Xe, E≈2.5 GeV; measured yields; ^{239}Pu(d, X)^{103}Ru / ^{128}Sb / ^{132}Te / ^{133}I / ^{135}I / ^{135}Xe / ^{140}Ba / ^{143}Ce / ^{91}Sr / ^{97}Zr, E≈2.5 GeV; measured yields; ^{26}Al(n, α), ^{197}Au(n, γ), ^{197}Au(n, 2n), ^{197}Au(n, 4n), E not given; measured radial distributions of production rates of daughter nuclei; ^{89}Y(n, 2n), ^{89}Y(n, 3n), ^{89}Y(n, 4n), E not given; measured production rates of daughter nuclei. activation detector for transmutation setup; ^{238}U, Pb(n, f), ^{238}U, Pb(n, γ), E not given; measured σ. REPT JINR-E1-2007-7,Krivopustov

A=128 ***(continued)***

2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

2008JO03 NUCLEAR REACTIONS ^{27}Al(^{178}Hf, X)^{121}Sb / ^{123}Sb, E=1150 MeV; measured Eγ, Iγ, half-lives of isomers, internal conversion coefficients; deduced multipolarities, mixing ratios, $\gamma\gamma(\theta)$. ^{121,123}Sb; deduced levels, J, π. ^{120,122}Sn, ^{117,119,125,126,127,128,129,130,131}Sb; systematics. JOUR PRVCA 77 034311

^{128}Te 2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

A=128 ***(continued)***

	2007PE32	NUCLEAR REACTIONS ^{58}Ni(^{54}Fe, 2np), E=195 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$, multipolarities. ^{109}I; deduced levels, J, π, rotational bands; calculated configurations. JUROGAM array. ^{106,108,110,112,114,116,118,120,122,124,126,128,130,132,134,136,138}Te, ^{109,111,113,115,117,119,121,123,125,127,129,131}I, ^{110,112,114,116,118,120,122,124,126,128,130,132,134,136,138,140,142,144}Xe, ^{117,119,121,123,125,127,129}Cs; systematics. JOUR PRVCA 76 054301
^{128}I	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008RA21	NUCLEAR REACTIONS ^{129}I(γ, n), E < 30 MeV; measured Eγ, Iγ, inclusive cross section. JOUR NSENA 160 363

A=128 ***(continued)***

^{128}Xe	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2007PE32	NUCLEAR REACTIONS ^{58}Ni(^{54}Fe, 2np), E=195 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$, multipolarities. ^{109}I; deduced levels, J, π, rotational bands; calculated configurations. JUROGAM array. ^{106,108,110,112,114,116,118,120,122,124,126,128,130,132,134,136,138}Te, ^{109,111,113,115,117,119,121,123,125,127,129,131}I, ^{110,112,114,116,118,120,122,124,126,128,130,132,134,136,138,140,142,144}Xe, ^{117,119,121,123,125,127,129}Cs; systematics. JOUR PRVCA 76 054301
	2008KOZX	NUCLEAR REACTIONS Fe(^{128}Xe, ^{128}Xe'), E=525 MeV; measured Eγ, Iγ, (recoil)γ-coin. ^{128}Xe; deduced lifetimes for 2^+ states. Coulex-Plunger technique. CONF Crete(FINUSTAR 2),Proc.P377,Konstantinopoulos

A=128 *(continued)*

^{128}Cs	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
^{128}Ba	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

A=129

^{129}In	2005SCZ0	RADIOACTIVITY ^{123,125,126,127,128,129,130}In, ^{125}Cd(IT); Measured Eγ, Iγ, lifetimes of isomeric states; Deduced level energies, J, π, B(M2). THESIS A Scherillo, Univ of Cologne

A=129 ***(continued)***

	2006TOZW	RADIOACTIVITY ^{117}Ru, ^{120}Rh, ^{121}Pd, ^{123,124,125}Ag, ^{125,126,127}Cd, ^{126,127,129}In, ^{129}Sn(IT); measured Eγ, Iγ, (fragment)γ, γγ-coin, isomeric half-lives; deduced levels, J, π. THESIS B E Tomlin, Michigan State Univ.
^{129}Sn	2006TOZW	RADIOACTIVITY ^{117}Ru, ^{120}Rh, ^{121}Pd, ^{123,124,125}Ag, ^{125,126,127}Cd, ^{126,127,129}In, ^{129}Sn(IT); measured Eγ, Iγ, (fragment)γ, γγ-coin, isomeric half-lives; deduced levels, J, π. THESIS B E Tomlin, Michigan State Univ.
	2007KL06	NUCLEAR REACTIONS Be(^{238}U, X)^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{133}Sb / ^{134}Sb, E=500 MeV / nucleon; measured pygmy dipole resonance strength, neutron skin thickness, symmetry parameters; deduced neutron separation energy, B(E1) using RQRPA approach. Compared to ^{116}Sn, ^{140}Ce, ^{142}Nd, ^{144}Sm, ^{208}Pb. JOUR PRVCA 76 051603
	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008LO07	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X), E=600 MeV / nucleon; ^{9}Be(^{238}U, X), E=750 MeV / nucleon; measured Eγ, Iγ, γγ-coin, multipolarities. ^{125,127,129}Sn; deduced levels, J, π, half-lives of sub-υs states, B(E2). ^{124,125,126,127,128,129,130}Sn; analyzed B(E2). JOUR PRVCA 77 064313

A=129 ***(continued)***

^{129}Sb 2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

2008JO03 NUCLEAR REACTIONS ^{27}Al(^{178}Hf, X)^{121}Sb / ^{123}Sb, E=1150 MeV; measured Eγ, Iγ, half-lives of isomers, internal conversion coefficients; deduced multipolarities, mixing ratios, $\gamma\gamma(\theta)$. ^{121,123}Sb; deduced levels, J, π. ^{120,122}Sn, ^{117,119,125,126,127,128,129,130,131}Sb; systematics. JOUR PRVCA 77 034311

^{129}Te 2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

A=129 ***(continued)***

	2008EA01	NUCLEAR REACTIONS ^{120,122,124,126,128,130}Te(n, γ), E not given; measured Eγ, Iγ, cross sections, resonance integral. JOUR PRVCA 77 024303
^{129}I	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2007PE32	NUCLEAR REACTIONS ^{58}Ni(^{54}Fe, 2np), E=195 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$, multipolarities. ^{109}I; deduced levels, J, π, rotational bands; calculated configurations. JUROGAM array. ^{106,108,110,112,114,116,118,120,122,124,126,128,130,132,134,136,138}Te, ^{109,111,113,115,117,119,121,123,125,127,129,131}I, ^{110,112,114,116,118,120,122,124,126,128,130,132,134,136,138,140,142,144}Xe, ^{117,119,121,123,125,127,129}Cs; systematics. JOUR PRVCA 76 054301
^{129}Xe	2006HE29	ATOMIC MASSES ^{126,129,130,131,136}Xe; measured mass excesses, and relative abundances of different charge states of ^{131}Xe using the ISOLTRAP Penning trap method. JOUR IMSPF 251 131

A=129 ***(continued)***

2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

^{129}Cs

2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

2007PE32 NUCLEAR REACTIONS ^{58}Ni(^{54}Fe, 2np), E=195 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$, multipolarities. ^{109}I; deduced levels, J, π, rotational bands; calculated configurations. JUROGAM array. ^{106,108,110,112,114,116,118,120,122,124,126,128,130,132,134,136,138}Te, ^{109,111,113,115,117,119,121,123,125,127,129,131}I, ^{110,112,114,116,118,120,122,124,126,128,130,132,134,136,138,140,142,144}Xe, ^{117,119,121,123,125,127,129}Cs; systematics. JOUR PRVCA 76 054301

A=129 *(continued)*

	2008SI26	NUCLEAR REACTIONS ^{124}Sn(^{11}B, 4nγ), E=46 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular distributions, polarizations. ^{131}Cs; deduced levels, J, π, band structure, configurations, B(M1), B(E2). ^{125,129}Cs, ^{130}Xe; band systematics. Comparisons with Hartree-Fock calculations. JOUR PRVCA 78 034313
^{129}Ba	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
^{129}La	2008SA36	NUCLEAR REACTIONS ^{120}Sn(^{14}N, 5n), E=77 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin with OSIRIS II array. ^{129}La deduced yrast levels, J, π, $T_{1/2}$, B(E2) using DSA. Comparison with core quasi-particle coupling model. JOUR ZAANE 37 169

A=130

^{130}In	2005SCZ0	RADIOACTIVITY ^{123,125,126,127,128,129,130}In, ^{125}Cd(IT); Measured Eγ, Iγ, lifetimes of isomeric states; Deduced level energies, J, π, B(M2). THESIS A Scherillo, Univ of Cologne
^{130}Sn	2007KL06	NUCLEAR REACTIONS Be(^{238}U, X)^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{133}Sb / ^{134}Sb, E=500 MeV / nucleon; measured pygmy dipole resonance strength, neutron skin thickness, symmetry parameters; deduced neutron separation energy, B(E1) using RQRPA approach. Compared to ^{116}Sn, ^{140}Ce, ^{142}Nd, ^{144}Sm, ^{208}Pb. JOUR PRVCA 76 051603

A=130 ***(continued)***

2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

2008AR09 RADIOACTIVITY ^{130}Te($2\beta^+$); measured Eγ, Iγ, half-life. Neutrinoless double-beta decay. JOUR PRVCA 78 035502

2008LO07 NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X), E=600 MeV / nucleon; ^{9}Be(^{238}U, X), E=750 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin, multipolarities. ^{125,127,129}Sn; deduced levels, J, π, half-lives of sub-υs states, B(E2). ^{124,125,126,127,128,129,130}Sn; analyzed B(E2). JOUR PRVCA 77 064313

^{130}Sb

2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

A=130 ***(continued)***

	2008JO03	NUCLEAR REACTIONS ^{27}Al(^{178}Hf, X)^{121}Sb / ^{123}Sb, E=1150 MeV; measured Eγ, Iγ, half-lives of isomers, internal conversion coefficients; deduced multipolarities, mixing ratios, $\gamma\gamma(\theta)$. ^{121,123}Sb; deduced levels, J, π. ^{120,122}Sn, ^{117,119,125,126,127,128,129,130,131}Sb; systematics. JOUR PRVCA 77 034311
^{130}Te	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2007PE32	NUCLEAR REACTIONS ^{58}Ni(^{54}Fe, 2np), E=195 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$, multipolarities. ^{109}I; deduced levels, J, π, rotational bands; calculated configurations. JUROGAM array. ^{106,108,110,112,114,116,118,120,122,124,126,128,130,132,134,136,138}Te, ^{109,111,113,115,117,119,121,123,125,127,129,131}I, ^{110,112,114,116,118,120,122,124,126,128,130,132,134,136,138,140,142,144}Xe, ^{117,119,121,123,125,127,129}Cs; systematics. JOUR PRVCA 76 054301
	2008AR09	RADIOACTIVITY ^{130}Te($2\beta^+$); measured Eγ, Iγ, half-life. Neutrinoless double-beta decay. JOUR PRVCA 78 035502
^{130}I	2007KRZY	NUCLEAR REACTIONS ^{127}I(d, X)^{111}In / ^{119}Te / ^{121}I / ^{122}Sb / ^{123}I / ^{124}I / ^{125}Xe / ^{126}I, E=2.52 GeV; measured yields; ^{129}I(d, X)^{121}Te / ^{124}I / ^{126}I / ^{130}I, E=2.52 GeV; measured yields; ^{237}Np(d, X)^{97}Zr / ^{99}Mo / ^{132}Te / ^{133}I / ^{238}Np, E=2.52 GeV; measured yields; ^{238}Pu(d, X)^{97}Zr / ^{135}Xe, E$\approx$2.5 GeV; measured yields; ^{239}Pu(d, X)^{103}Ru / ^{128}Sb / ^{132}Te / ^{133}I / ^{135}I / ^{135}Xe / ^{140}Ba / ^{143}Ce / ^{91}Sr / ^{97}Zr, E$\approx$2.5 GeV; measured yields; ^{26}Al(n, α), ^{197}Au(n, γ), ^{197}Au(n, 2n), ^{197}Au(n, 4n), E not given; measured radial distributions of production rates of daughter nuclei; ^{89}Y(n, 2n), ^{89}Y(n, 3n), ^{89}Y(n, 4n), E not given; measured production rates of daughter nuclei. activation detector for transmutation setup; ^{238}U, Pb(n, f), ^{238}U, Pb(n, γ), E not given; measured σ. REPT JINR-E1-2007-7,Krivopustov

A=130 ***(continued)***

	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
^{130}Xe	2006HE29	ATOMIC MASSES ^{126,129,130,131,136}Xe; measured mass excesses, and relative abundances of different charge states of ^{131}Xe using the ISOLTRAP Penning trap method. JOUR IMSPF 251 131
	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

A=130 ***(continued)***

	2007PE32	NUCLEAR REACTIONS ^{58}Ni(^{54}Fe, 2np), E=195 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$, multipolarities. ^{109}I; deduced levels, J, π, rotational bands; calculated configurations. JUROGAM array. ^{106,108,110,112,114,116,118,120,122,124,126,128,130,132,134,136,138}Te, ^{109,111,113,115,117,119,121,123,125,127,129,131}I, ^{110,112,114,116,118,120,122,124,126,128,130,132,134,136,138,140,142,144}Xe, ^{117,119,121,123,125,127,129}Cs; systematics. JOUR PRVCA 76 054301
	2008SI26	NUCLEAR REACTIONS ^{124}Sn(^{11}B, 4nγ), E=46 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular distributions, polarizations. ^{131}Cs; deduced levels, J, π, band structure, configurations, B(M1), B(E2). ^{125,129}Cs, ^{130}Xe; band systematics. Comparisons with Hartree-Fock calculations. JOUR PRVCA 78 034313
^{130}Cs	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

A=130 ***(continued)***

^{130}Ba	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008SU14	NUCLEAR REACTIONS ^{132}Ba(p, t), E=25 MeV; measured triton spectra, σ(E, θ). ^{130}Ba deduced levels, J, π, configurations. DWBA analysis. Comparison with interacting boson model predictions. ^{122}Te(p, t), E=25 MeV; measured triton spectra; deduced Q-value. JOUR ZAANE 36 243
^{130}Ce	2008ME02	RADIOACTIVITY ^{130}Pr(β^+)(EC) [from ^{107}Ag(^{27}Al, p3n), E=113 MeV]; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{130}Ce; deduced levels, J, π, B(E2), comparison with calculations using X(5) and IBA models. JOUR PRVCA 77 014307
^{130}Pr	2008ME02	RADIOACTIVITY ^{130}Pr(β^+)(EC) [from ^{107}Ag(^{27}Al, p3n), E=113 MeV]; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{130}Ce; deduced levels, J, π, B(E2), comparison with calculations using X(5) and IBA models. JOUR PRVCA 77 014307

A=131

^{131}Sn	2007KL06	NUCLEAR REACTIONS Be(^{238}U, X)^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{133}Sb / ^{134}Sb, E=500 MeV / nucleon; measured pygmy dipole resonance strength, neutron skin thickness, symmetry parameters; deduced neutron separation energy, B(E1) using RQRPA approach. Compared to ^{116}Sn, ^{140}Ce, ^{142}Nd, ^{144}Sm, ^{208}Pb. JOUR PRVCA 76 051603
	2008DW01	ATOMIC MASSES ^{127,131,132,133,134}Sn; measured masses using the ISOLTRAP mass spectrometer. Discussed implications on the N=82 neutron-shell gap. JOUR PRLTA 100 072501

A=131 ***(continued)***

^{131}Sb 2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

2008JO03 NUCLEAR REACTIONS ^{27}Al(^{178}Hf, X)^{121}Sb / ^{123}Sb, E=1150 MeV; measured Eγ, Iγ, half-lives of isomers, internal conversion coefficients; deduced multipolarities, mixing ratios, $\gamma\gamma(\theta)$. ^{121,123}Sb; deduced levels, J, π. ^{120,122}Sn, ^{117,119,125,126,127,128,129,130,131}Sb; systematics. JOUR PRVCA 77 034311

^{131}Te 2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

A=131 ***(continued)***

	2008EA01	NUCLEAR REACTIONS ^{120,122,124,126,128,130}Te(n, γ), E not given; measured Eγ, Iγ, cross sections, resonance integral. JOUR PRVCA 77 024303
	2008EA01	RADIOACTIVITY ^{121m}Te, ^{121}Te, ^{127m}Te, ^{131m}Te; measured half-lives. JOUR PRVCA 77 024303
^{131}I	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2007PE32	NUCLEAR REACTIONS ^{58}Ni(^{54}Fe, 2np), E=195 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$, multipolarities. ^{109}I; deduced levels, J, π, rotational bands; calculated configurations. JUROGAM array. ^{106,108,110,112,114,116,118,120,122,124,126,128,130,132,134,136,138}Te, ^{109,111,113,115,117,119,121,123,125,127,129,131}I, ^{110,112,114,116,118,120,122,124,126,128,130,132,134,136,138,140,142,144}Xe, ^{117,119,121,123,125,127,129}Cs; systematics. JOUR PRVCA 76 054301
^{131}Xe	2006HE29	ATOMIC MASSES ^{126,129,130,131,136}Xe; measured mass excesses, and relative abundances of different charge states of ^{131}Xe using the ISOLTRAP Penning trap method. JOUR IMSPF 251 131

A=131 ***(continued)***

	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
^{131}Cs	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008RA04	RADIOACTIVITY ^{131}Ba(β^+); measured Eγ, Iγ, conversion electrons. ^{131}Cs; deduced levels, ICC, transition multipolarities. JOUR ARISE 66 377

A=131 ***(continued)***

	2008SI26	NUCLEAR REACTIONS ^{124}Sn(^{11}B, 4nγ), E=46 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular distributions, polarizations. ^{131}Cs; deduced levels, J, π, band structure, configurations, B(M1), B(E2). ^{125,129}Cs, ^{130}Xe; band systematics. Comparisons with Hartree-Fock calculations. JOUR PRVCA 78 034313
^{131}Ba	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008RA04	RADIOACTIVITY ^{131}Ba(β^+); measured Eγ, Iγ, conversion electrons. ^{131}Cs; deduced levels, ICC, transition multipolarities. JOUR ARISE 66 377

A=132

^{132}Sn	2007KL06	NUCLEAR REACTIONS Be(^{238}U, X)^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{133}Sb / ^{134}Sb, E=500 MeV / nucleon; measured pygmy dipole resonance strength, neutron skin thickness, symmetry parameters; deduced neutron separation energy, B(E1) using RQRPA approach. Compared to ^{116}Sn, ^{140}Ce, ^{142}Nd, ^{144}Sm, ^{208}Pb. JOUR PRVCA 76 051603
	2008DW01	ATOMIC MASSES ^{127,131,132,133,134}Sn; measured masses using the ISOLTRAP mass spectrometer. Discussed implications on the N=82 neutron-shell gap. JOUR PRLTA 100 072501

A=132 ***(continued)***

^{132}Sb	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
^{132}Te	2007KRZY	NUCLEAR REACTIONS ^{127}I(d, X)^{111}In / ^{119}Te / ^{121}I / ^{122}Sb / ^{123}I / ^{124}I / ^{125}Xe / ^{126}I, E=2.52 GeV; measured yields; ^{129}I(d, X)^{121}Te / ^{124}I / ^{126}I / ^{130}I, E=2.52 GeV; measured yields; ^{237}Np(d, X)^{97}Zr / ^{99}Mo / ^{132}Te / ^{133}I / ^{238}Np, E=2.52 GeV; measured yields; ^{238}Pu(d, X)^{97}Zr / ^{135}Xe, E≈2.5 GeV; measured yields; ^{239}Pu(d, X)^{103}Ru / ^{128}Sb / ^{132}Te / ^{133}I / ^{135}I / ^{135}Xe / ^{140}Ba / ^{143}Ce / ^{91}Sr / ^{97}Zr, E≈2.5 GeV; measured yields; ^{26}Al(n, α), ^{197}Au(n, γ), ^{197}Au(n, 2n), ^{197}Au(n, 4n), E not given; measured radial distributions of production rates of daughter nuclei; ^{89}Y(n, 2n), ^{89}Y(n, 3n), ^{89}Y(n, 4n), E not given; measured production rates of daughter nuclei. activation detector for transmutation setup; ^{238}U, Pb(n, f), ^{238}U, Pb(n, γ), E not given; measured σ. REPT JINR-E1-2007-7,Krivopustov

A=132 ***(continued)***

2007NA31 NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

2007PE32 NUCLEAR REACTIONS ^{58}Ni(^{54}Fe, 2np), E=195 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$, multipolarities. ^{109}I; deduced levels, J, π, rotational bands; calculated configurations. JUROGAM array. ^{106,108,110,112,114,116,118,120,122,124,126,128,130,132,134,136,138}Te, ^{109,111,113,115,117,119,121,123,125,127,129,131}I, ^{110,112,114,116,118,120,122,124,126,128,130,132,134,136,138,140,142,144}Xe, ^{117,119,121,123,125,127,129}Cs; systematics. JOUR PRVCA 76 054301

2008BE14 NUCLEAR REACTIONS C(^{132}Te, ^{132}Te'), E=396 MeV; measured Eγ, Iγ, (particle)γ-coin. ^{132}Te; deduced g-factor. JOUR PYLBB 664 241

A=132 ***(continued)***

^{132}I	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
^{132}Xe	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2007PE32	NUCLEAR REACTIONS ^{58}Ni(^{54}Fe, 2np), E=195 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$, multipolarities. ^{109}I; deduced levels, J, π, rotational bands; calculated configurations. JUROGAM array. ^{106,108,110,112,114,116,118,120,122,124,126,128,130,132,134,136,138}Te, ^{109,111,113,115,117,119,121,123,125,127,129,131}I, ^{110,112,114,116,118,120,122,124,126,128,130,132,134,136,138,140,142,144}Xe, ^{117,119,121,123,125,127,129}Cs; systematics. JOUR PRVCA 76 054301

A=132 ***(continued)***

	2008RE07	NUCLEAR REACTIONS ^{20}Ne, ^{27}Al, ^{40}Ar, ^{84}Kr, ^{131,132}Xe, ^{208}Pb, ^{235,238}U(n, γ), E=low; measured Eγ, Iγ using cold neutron source and an "invisible container". JOUR JRNCD 276 825
^{132}Cs	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
^{132}Ba	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609

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^{133}Sn	2008DW01	ATOMIC MASSES ^{127,131,132,133,134}Sn; measured masses using the ISOLTRAP mass spectrometer. Discussed implications on the N=82 neutron-shell gap. JOUR PRLTA 100 072501
^{133}Sb	2007KL06	NUCLEAR REACTIONS Be(^{238}U, X)^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{133}Sb / ^{134}Sb, E=500 MeV / nucleon; measured pygmy dipole resonance strength, neutron skin thickness, symmetry parameters; deduced neutron separation energy, B(E1) using RQRPA approach. Compared to ^{116}Sn, ^{140}Ce, ^{142}Nd, ^{144}Sm, ^{208}Pb. JOUR PRVCA 76 051603
^{133}Te	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
^{133}I	2007KRZY	NUCLEAR REACTIONS ^{127}I(d, X)^{111}In / ^{119}Te / ^{121}I / ^{122}Sb / ^{123}I / ^{124}I / ^{125}Xe / ^{126}I, E=2.52 GeV; measured yields; ^{129}I(d, X)^{121}Te / ^{124}I / ^{126}I / ^{130}I, E=2.52 GeV; measured yields; ^{237}Np(d, X)^{97}Zr / ^{99}Mo / ^{132}Te / ^{133}I / ^{238}Np, E=2.52 GeV; measured yields; ^{238}Pu(d, X)^{97}Zr / ^{135}Xe, E≈2.5 GeV; measured yields; ^{239}Pu(d, X)^{103}Ru / ^{128}Sb / ^{132}Te / ^{133}I / ^{135}I / ^{135}Xe / ^{140}Ba / ^{143}Ce / ^{91}Sr / ^{97}Zr, E≈2.5 GeV; measured yields; ^{26}Al(n, α), ^{197}Au(n, γ), ^{197}Au(n, 2n), ^{197}Au(n, 4n), E not given; measured radial distributions of production rates of daughter nuclei; ^{89}Y(n, 2n), ^{89}Y(n, 3n), ^{89}Y(n, 4n), E not given; measured production rates of daughter nuclei. activation detector for transmutation setup; ^{238}U, Pb(n, f), ^{238}U, Pb(n, γ), E not given; measured σ. REPT JINR-E1-2007-7,Krivopustov

A=133 ***(continued)***

	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
^{133}Xe	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008PE04	RADIOACTIVITY ^{133}Xe(IT); measured Eγ, Iγ, conversion electrons. Deduced ICC. JOUR ARISE 66 530
	2008RE07	NUCLEAR REACTIONS ^{20}Ne, ^{27}Al, ^{40}Ar, ^{84}Kr, ^{131,132}Xe, ^{208}Pb, ^{235,238}U(n, γ), E=low; measured Eγ, Iγ using cold neutron source and an "invisible container". JOUR JRNCD 276 825

A=133 ***(continued)***

^{133}Cs	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008RI05	NUCLEAR REACTIONS ^{92}Mo(^{54}Fe, X)^{136}Pm / ^{137}Pm / ^{136}Sm / ^{137}Sm / ^{138}Sm / ^{137}Eu / ^{139}Eu / ^{138}Gd / ^{139}Gd / ^{140}Gd, E=315 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives. ^{136}Pm; deduced levels, bands, (Bλ). ^{144}Gd, ^{148}Dy, ^{138}Pm, ^{140}Eu, ^{142}Tb, ^{144}Ho, ^{133}Cs, ^{134,135}Te, ^{133}La, ^{136}Pr, ^{136}I; systematics of B(E1), B(E2), B(M1). JOUR PRVCA 78 034304
	2008SI19	RADIOACTIVITY ^{133}Ba(EC); measured Eγ, Iγ, (electron)γ-coin; deduced source activity. JOUR ARISE 66 929
^{133}Ba	2008SI19	RADIOACTIVITY ^{133}Ba(EC); measured Eγ, Iγ, (electron)γ-coin; deduced source activity. JOUR ARISE 66 929
^{133}La	2008RI05	NUCLEAR REACTIONS ^{92}Mo(^{54}Fe, X)^{136}Pm / ^{137}Pm / ^{136}Sm / ^{137}Sm / ^{138}Sm / ^{137}Eu / ^{139}Eu / ^{138}Gd / ^{139}Gd / ^{140}Gd, E=315 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives. ^{136}Pm; deduced levels, bands, (Bλ). ^{144}Gd, ^{148}Dy, ^{138}Pm, ^{140}Eu, ^{142}Tb, ^{144}Ho, ^{133}Cs, ^{134,135}Te, ^{133}La, ^{136}Pr, ^{136}I; systematics of B(E1), B(E2), B(M1). JOUR PRVCA 78 034304

A=134

^{134}Sn	2008DW01	ATOMIC MASSES ^{127,131,132,133,134}Sn; measured masses using the ISOLTRAP mass spectrometer. Discussed implications on the N=82 neutron-shell gap. JOUR PRLTA 100 072501

A=134 ***(continued)***

^{134}Sb	2007KL06	NUCLEAR REACTIONS Be(^{238}U, X)^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{133}Sb / ^{134}Sb, E=500 MeV / nucleon; measured pygmy dipole resonance strength, neutron skin thickness, symmetry parameters; deduced neutron separation energy, B(E1) using RQRPA approach. Compared to ^{116}Sn, ^{140}Ce, ^{142}Nd, ^{144}Sm, ^{208}Pb. JOUR PRVCA 76 051603
^{134}Te	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2007PE32	NUCLEAR REACTIONS ^{58}Ni(^{54}Fe, 2np), E=195 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$, multipolarities. ^{109}I; deduced levels, J, π, rotational bands; calculated configurations. JUROGAM array. ^{106,108,110,112,114,116,118,120,122,124,126,128,130,132,134,136,138}Te, ^{109,111,113,115,117,119,121,123,125,127,129,131}I, ^{110,112,114,116,118,120,122,124,126,128,130,132,134,136,138,140,142,144}Xe, ^{117,119,121,123,125,127,129}Cs; systematics. JOUR PRVCA 76 054301
	2008GO28	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, angular correlations, g-factors. ^{134}Te, ^{135}I; deduced levels, J, π, mixing ratios. Comparison with shell model calculations. JOUR PRVCA 78 044331
	2008RI05	NUCLEAR REACTIONS ^{92}Mo(^{54}Fe, X)^{136}Pm / ^{137}Pm / ^{136}Sm / ^{137}Sm / ^{138}Sm / ^{137}Eu / ^{139}Eu / ^{138}Gd / ^{139}Gd / ^{140}Gd, E=315 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives. ^{136}Pm; deduced levels, bands, (Bλ). ^{144}Gd, ^{148}Dy, ^{138}Pm, ^{140}Eu, ^{142}Tb, ^{144}Ho, ^{133}Cs, ^{134,135}Te, ^{133}La, ^{136}Pr, ^{136}I; systematics of B(E1), B(E2), B(M1). JOUR PRVCA 78 034304

A=134 ***(continued)***

^{134}I	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
^{134}Xe	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2007PE32	NUCLEAR REACTIONS ^{58}Ni(^{54}Fe, 2np), E=195 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$, multipolarities. ^{109}I; deduced levels, J, π, rotational bands; calculated configurations. JUROGAM array. ^{106,108,110,112,114,116,118,120,122,124,126,128,130,132,134,136,138}Te, ^{109,111,113,115,117,119,121,123,125,127,129,131}I, ^{110,112,114,116,118,120,122,124,126,128,130,132,134,136,138,140,142,144}Xe, ^{117,119,121,123,125,127,129}Cs; systematics. JOUR PRVCA 76 054301

A=134 ***(continued)***

^{134}Cs	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008HA11	RADIOACTIVITY ^{134}Cs, ^{137}Ba(IT); measured Eγ, Iγ, E(X-ray), I(X-ray); deduced ICC. Compared results to existing data and to model calculations. JOUR ARISE 66 701
	2008NI02	RADIOACTIVITY ^{139}Ba(β^-) [from ^{138}Ba(n, γ)]; measured K-shell internal conversion coefficients. ^{134}Cs, ^{137}Ba; analyzed K-shell internal conversion coefficients. ^{134}Cs, ^{137}Ba, ^{139}La; deduced experimental α_K and compared with theory. JOUR PRVCA 77 034306
^{134}Ce	2008SA35	NUCLEAR REACTIONS Au(^{134}Ce, ^{134}CE'), (^{136}ND, ^{136}ND'), E$\approx$ 126 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin. ^{134}Ce, ^{136}Nd; deduced B(E2). JOUR PYLBB 669 19
^{134}Nd	2008LIZX	NUCLEAR REACTIONS ^{114}Sn(^{32}S, 2n2p), E=160 MeV; ^{114}Cd(^{28}Si, 4nα), E=155 MeV; measured Eγ, Iγ, lifetimes using the DSAM. ^{142}Gd, ^{134}Nd; deduced levels, J, π, lifetimes, B(E2). CONF Crete(FINUSTAR 2),Proc.P383,Lieder

A=135

^{135}Te	2008RI05	NUCLEAR REACTIONS ^{92}Mo(^{54}Fe, X)^{136}Pm / ^{137}Pm / ^{136}Sm / ^{137}Sm / ^{138}Sm / ^{137}Eu / ^{139}Eu / ^{138}Gd / ^{139}Gd / ^{140}Gd, E=315 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives. ^{136}Pm; deduced levels, bands, (Bλ). ^{144}Gd, ^{148}Dy, ^{138}Pm, ^{140}Eu, ^{142}Tb, ^{144}Ho, ^{133}Cs, ^{134,135}Te, ^{133}La, ^{136}Pr, ^{136}I; systematics of B(E1), B(E2), B(M1). JOUR PRVCA 78 034304

A=135 ***(continued)***

^{135}I	2007KRZY	NUCLEAR REACTIONS ^{127}I(d, X)^{111}In / ^{119}Te / ^{121}I / ^{122}Sb / ^{123}I / ^{124}I / ^{125}Xe / ^{126}I, E=2.52 GeV; measured yields; ^{129}I(d, X)^{121}Te / ^{124}I / ^{126}I / ^{130}I, E=2.52 GeV; measured yields; ^{237}Np(d, X)^{97}Zr / ^{99}Mo / ^{132}Te / ^{133}I / ^{238}Np, E=2.52 GeV; measured yields; ^{238}Pu(d, X)^{97}Zr / ^{135}Xe, E≈2.5 GeV; measured yields; ^{239}Pu(d, X)^{103}Ru / ^{128}Sb / ^{132}Te / ^{133}I / ^{135}I / ^{135}Xe / ^{140}Ba / ^{143}Ce / ^{91}Sr / ^{97}Zr, E≈2.5 GeV; measured yields; ^{26}Al(n, α), ^{197}Au(n, γ), ^{197}Au(n, 2n), ^{197}Au(n, 4n), E not given; measured radial distributions of production rates of daughter nuclei; ^{89}Y(n, 2n), ^{89}Y(n, 3n), ^{89}Y(n, 4n), E not given; measured production rates of daughter nuclei. activation detector for transmutation setup; ^{238}U, Pb(n, f), ^{238}U, Pb(n, γ), E not given; measured σ. REPT JINR-E1-2007-7,Krivopustov
	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
	2008GO28	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, angular correlations, g-factors. ^{134}Te, ^{135}I; deduced levels, J, π, mixing ratios. Comparison with shell model calculations. JOUR PRVCA 78 044331
^{135}Xe	2007KRZY	NUCLEAR REACTIONS ^{127}I(d, X)^{111}In / ^{119}Te / ^{121}I / ^{122}Sb / ^{123}I / ^{124}I / ^{125}Xe / ^{126}I, E=2.52 GeV; measured yields; ^{129}I(d, X)^{121}Te / ^{124}I / ^{126}I / ^{130}I, E=2.52 GeV; measured yields; ^{237}Np(d, X)^{97}Zr / ^{99}Mo / ^{132}Te / ^{133}I / ^{238}Np, E=2.52 GeV; measured yields; ^{238}Pu(d, X)^{97}Zr / ^{135}Xe, E≈2.5 GeV; measured yields; ^{239}Pu(d, X)^{103}Ru / ^{128}Sb / ^{132}Te / ^{133}I / ^{135}I / ^{135}Xe / ^{140}Ba / ^{143}Ce / ^{91}Sr / ^{97}Zr, E≈2.5 GeV; measured yields; ^{26}Al(n, α), ^{197}Au(n, γ), ^{197}Au(n, 2n), ^{197}Au(n, 4n), E not given; measured radial distributions of production rates of daughter nuclei; ^{89}Y(n, 2n), ^{89}Y(n, 3n), ^{89}Y(n, 4n), E not given; measured production rates of daughter nuclei. activation detector for transmutation setup; ^{238}U, Pb(n, f), ^{238}U, Pb(n, γ), E not given; measured σ. REPT JINR-E1-2007-7,Krivopustov

A=135 ***(continued)***

	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
^{135}Cs	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
^{135}Ba	2008XU05	NUCLEAR REACTIONS ^{128}Te(^{16}O, 5nγ), E=90 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular distributions, multipolarities. ^{139}Nd; deduced levels, J, π, bands, configurations. ^{135}Ba, ^{137}Ce, ^{141}Sm, ^{143}Gd; compared band structure and configurations. JOUR PRVCA 78 034310

A=135 *(continued)*

^{135}Ce	2008BH10	NUCLEAR REACTIONS ^{130}Te(^{12}C, 5n), E=65 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular correlations, linear polarization. ^{137}Ce; deduced levels, J, π, band configurations; calculated potential energy surfaces. ^{135,136,137}Ce; systematics of kinematic moments of inertia. JOUR PRVCA 78 024304

A=136

^{136}Te	2007PE32	NUCLEAR REACTIONS ^{58}Ni(^{54}Fe, 2np), E=195 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$, multipolarities. ^{109}I; deduced levels, J, π, rotational bands; calculated configurations. JUROGAM array. ^{106,108,110,112,114,116,118,120,122,124,126,128,130,132,134,136,138}Te, ^{109,111,113,115,117,119,121,123,125,127,129,131}I, ^{110,112,114,116,118,120,122,124,126,128,130,132,134,136,138,140,142,144}Xe, ^{117,119,121,123,125,127,129}Cs; systematics. JOUR PRVCA 76 054301
^{136}I	2008RI05	NUCLEAR REACTIONS ^{92}Mo(^{54}Fe, X)^{136}Pm / ^{137}Pm / ^{136}Sm / ^{137}Sm / ^{138}Sm / ^{137}Eu / ^{139}Eu / ^{138}Gd / ^{139}Gd / ^{140}Gd, E=315 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives. ^{136}Pm; deduced levels, bands, (Bλ). ^{144}Gd, ^{148}Dy, ^{138}Pm, ^{140}Eu, ^{142}Tb, ^{144}Ho, ^{133}Cs, ^{134,135}Te, ^{133}La, ^{136}Pr, ^{136}I; systematics of B(E1), B(E2), B(M1). JOUR PRVCA 78 034304
^{136}Xe	2006HE29	ATOMIC MASSES ^{126,129,130,131,136}Xe; measured mass excesses, and relative abundances of different charge states of ^{131}Xe using the ISOLTRAP Penning trap method. JOUR IMSPF 251 131
	2007PE32	NUCLEAR REACTIONS ^{58}Ni(^{54}Fe, 2np), E=195 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$, multipolarities. ^{109}I; deduced levels, J, π, rotational bands; calculated configurations. JUROGAM array. ^{106,108,110,112,114,116,118,120,122,124,126,128,130,132,134,136,138}Te, ^{109,111,113,115,117,119,121,123,125,127,129,131}I, ^{110,112,114,116,118,120,122,124,126,128,130,132,134,136,138,140,142,144}Xe, ^{117,119,121,123,125,127,129}Cs; systematics. JOUR PRVCA 76 054301
	2008SA19	NUCLEAR REACTIONS ^{136}Xe(γ, γ'), E not given; measured Eγ, Iγ, B(E1). Comparison with quasiparticle phonon model. JOUR PRLTA 100 232501

A=136 *(continued)*

^{136}Cs	2007NA31	NUCLEAR REACTIONS ^{136}Xe(p, X), E=1 GeV / nucleon; measured isotopic cross sections, kinetic energies. ^{79,80,81,82,83,84,85,86,87,88,89,90}Rb, ^{81,82,83,84,85,86,87,88,89,90,91,92,93}Sr, ^{84,85,86,87,88,89,90,91,92,93,94,95,96}Y, ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99}Zr, ^{87,88,89,90,91,92,93,94,95,96,97,98,99,100}Nb, ^{90,91,92,93,94,95,96,97,98,99,100,101,102,103,104}Mo, ^{92,93,94,95,96,97,98,99,100,101,102,103,104,105,106}Tc, ^{95,96,97,98,99,100,101,102,103,104,105,106,107,108,109}Ru, ^{97,98,99,100,101,102,103,104,105,106,107,108,109,110,111}Rh, ^{99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115}Pd, ^{101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122}Ag, ^{104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125}Cd, ^{105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127}In, ^{108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130}Sn, ^{110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132}Sb, ^{111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134}Te, ^{113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}I, ^{116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135}Xe, ^{122,123,124,125,126,127,128,129,130,131,132,133,134,135,136}Cs, ^{127,128,129,130,131,132}Ba; measured cross sections. JOUR PRVCA 76 064609
^{136}Ba	2008MU19	NUCLEAR REACTIONS ^{136}Ba(n, n'γ), E=2.2-3.9 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular distributions, excitation functions, multipolarities, mixing ratios, half-lives using Doppler Shift Attenuation Method. ^{136}Ba; deduced levels, J, π, B(E1), B(M1), B(E2), F(t). Comparisons with ^{134}Ba, QPM calculations. JOUR PRVCA 78 034317
^{136}Ce	2008BH10	NUCLEAR REACTIONS ^{130}Te(^{12}C, 5n), E=65 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular correlations, linear polarization. ^{137}Ce; deduced levels, J, π, band configurations; calculated potential energy surfaces. ^{135,136,137}Ce; systematics of kinematic moments of inertia. JOUR PRVCA 78 024304
^{136}Pr	2008RI05	NUCLEAR REACTIONS ^{92}Mo(^{54}Fe, X)^{136}Pm / ^{137}Pm / ^{136}Sm / ^{137}Sm / ^{138}Sm / ^{137}Eu / ^{139}Eu / ^{138}Gd / ^{139}Gd / ^{140}Gd, E=315 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives. ^{136}Pm; deduced levels, bands, (Bλ). ^{144}Gd, ^{148}Dy, ^{138}Pm, ^{140}Eu, ^{142}Tb, ^{144}Ho, ^{133}Cs, ^{134,135}Te, ^{133}La, ^{136}Pr, ^{136}I; systematics of B(E1), B(E2), B(M1). JOUR PRVCA 78 034304
^{136}Nd	2008MU18	NUCLEAR REACTIONS ^{100}Mo(^{40}Ar, 4nγ), E=175 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives using doppler shift attenuation method. ^{136}Nd; deduced levels, J, π, bands, transition quadrupole moments, B(M1), B(E2), configurations. Comparisons with random phase approximations and tilted-axis cranking models. JOUR PRVCA 78 034311
	2008SA35	NUCLEAR REACTIONS Au(^{134}Ce, ^{134}CE'), (^{136}ND, ^{136}ND'), E$\approx$ 126 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin. ^{134}Ce, ^{136}Nd; deduced B(E2). JOUR PYLBB 669 19
^{136}Pm	2007CUZZ	NUCLEAR REACTIONS ^{92}Mo(^{54}Fe, xnypzα)^{136}Pm, E=315 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{136}Pm; deduced levels, band, $T_{1/2}$. CONF Lisbon (PROCON 2007),Proc.P278,Cullen

A=136 *(continued)*

	2008RI05	NUCLEAR REACTIONS ^{92}Mo(^{54}Fe, X)^{136}Pm / ^{137}Pm / ^{136}Sm / ^{137}Sm / ^{138}Sm / ^{137}Eu / ^{139}Eu / ^{138}Gd / ^{139}Gd / ^{140}Gd, E=315 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives. ^{136}Pm; deduced levels, bands, (Bλ). ^{144}Gd, ^{148}Dy, ^{138}Pm, ^{140}Eu, ^{142}Tb, ^{144}Ho, ^{133}Cs, ^{134,135}Te, ^{133}La, ^{136}Pr, ^{136}I; systematics of B(E1), B(E2), B(M1). JOUR PRVCA 78 034304
^{136}Sm	2008RI05	NUCLEAR REACTIONS ^{92}Mo(^{54}Fe, X)^{136}Pm / ^{137}Pm / ^{136}Sm / ^{137}Sm / ^{138}Sm / ^{137}Eu / ^{139}Eu / ^{138}Gd / ^{139}Gd / ^{140}Gd, E=315 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives. ^{136}Pm; deduced levels, bands, (Bλ). ^{144}Gd, ^{148}Dy, ^{138}Pm, ^{140}Eu, ^{142}Tb, ^{144}Ho, ^{133}Cs, ^{134,135}Te, ^{133}La, ^{136}Pr, ^{136}I; systematics of B(E1), B(E2), B(M1). JOUR PRVCA 78 034304

A=137

^{137}Cs	2008HI08	RADIOACTIVITY ^{137}Cs(β^-); measured Eγ, Iγ, $\gamma\gamma$-coin from sea water sample to determine concentration. JOUR JRNCD 276 795
	2008PO05	RADIOACTIVITY ^{60}Co, ^{137}Cs(β^-); measured Eγ, Iγ, $\gamma\gamma$-coin. Effect of shielding, (anti-)coincidence techniques and depth on detector background discussed. JOUR JRNCD 276 771
	2008SY01	RADIOACTIVITY ^{60}Co, ^{137}Cs(β^-), ^{40}K(β^+); measured Eγ, Iγ, $\gamma\gamma$-coin. Effect of shielding and (anti-)coincidence techniques on detector background discussed. JOUR JRNCD 276 779
^{137}Ba	2008HA11	RADIOACTIVITY ^{134}Cs, ^{137}Ba(IT); measured Eγ, Iγ, E(X-ray), I(X-ray); deduced ICC. Compared results to existing data and to model calculations. JOUR ARISE 66 701
	2008HI08	RADIOACTIVITY ^{137}Cs(β^-); measured Eγ, Iγ, $\gamma\gamma$-coin from sea water sample to determine concentration. JOUR JRNCD 276 795
	2008NI02	RADIOACTIVITY ^{139}Ba(β^-) [from ^{138}Ba(n, γ)]; measured K-shell internal conversion coefficients. ^{134}Cs, ^{137}Ba; analyzed K-shell internal conversion coefficients. ^{134}Cs, ^{137}Ba, ^{139}La; deduced experimental α_K and compared with theory. JOUR PRVCA 77 034306
	2008PO05	RADIOACTIVITY ^{60}Co, ^{137}Cs(β^-); measured Eγ, Iγ, $\gamma\gamma$-coin. Effect of shielding, (anti-)coincidence techniques and depth on detector background discussed. JOUR JRNCD 276 771
	2008SY01	RADIOACTIVITY ^{60}Co, ^{137}Cs(β^-), ^{40}K(β^+); measured Eγ, Iγ, $\gamma\gamma$-coin. Effect of shielding and (anti-)coincidence techniques on detector background discussed. JOUR JRNCD 276 779
^{137}Ce	2008BH10	NUCLEAR REACTIONS ^{130}Te(^{12}C, 5n), E=65 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular correlations, linear polarization. ^{137}Ce; deduced levels, J, π, band configurations; calculated potential energy surfaces. ^{135,136,137}Ce; systematics of kinematic moments of inertia. JOUR PRVCA 78 024304
	2008XU05	NUCLEAR REACTIONS ^{128}Te(^{16}O, 5nγ), E=90 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular distributions, multipolarities. ^{139}Nd; deduced levels, J, π, bands, configurations. ^{135}Ba, ^{137}Ce, ^{141}Sm, ^{143}Gd; compared band structure and configurations. JOUR PRVCA 78 034310

A=137 *(continued)*

^{137}Pm	2008RI05	NUCLEAR REACTIONS ^{92}Mo(^{54}Fe, X)^{136}Pm / ^{137}Pm / ^{136}Sm / ^{137}Sm / ^{138}Sm / ^{137}Eu / ^{139}Eu / ^{138}Gd / ^{139}Gd / ^{140}Gd, E=315 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives. ^{136}Pm; deduced levels, bands, (Bλ). ^{144}Gd, ^{148}Dy, ^{138}Pm, ^{140}Eu, ^{142}Tb, ^{144}Ho, ^{133}Cs, ^{134,135}Te, ^{133}La, ^{136}Pr, ^{136}I; systematics of B(E1), B(E2), B(M1). JOUR PRVCA 78 034304
^{137}Sm	2008RI05	NUCLEAR REACTIONS ^{92}Mo(^{54}Fe, X)^{136}Pm / ^{137}Pm / ^{136}Sm / ^{137}Sm / ^{138}Sm / ^{137}Eu / ^{139}Eu / ^{138}Gd / ^{139}Gd / ^{140}Gd, E=315 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives. ^{136}Pm; deduced levels, bands, (Bλ). ^{144}Gd, ^{148}Dy, ^{138}Pm, ^{140}Eu, ^{142}Tb, ^{144}Ho, ^{133}Cs, ^{134,135}Te, ^{133}La, ^{136}Pr, ^{136}I; systematics of B(E1), B(E2), B(M1). JOUR PRVCA 78 034304
^{137}Eu	2008RI05	NUCLEAR REACTIONS ^{92}Mo(^{54}Fe, X)^{136}Pm / ^{137}Pm / ^{136}Sm / ^{137}Sm / ^{138}Sm / ^{137}Eu / ^{139}Eu / ^{138}Gd / ^{139}Gd / ^{140}Gd, E=315 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives. ^{136}Pm; deduced levels, bands, (Bλ). ^{144}Gd, ^{148}Dy, ^{138}Pm, ^{140}Eu, ^{142}Tb, ^{144}Ho, ^{133}Cs, ^{134,135}Te, ^{133}La, ^{136}Pr, ^{136}I; systematics of B(E1), B(E2), B(M1). JOUR PRVCA 78 034304

A=138

^{138}Te	2007PE32	NUCLEAR REACTIONS ^{58}Ni(^{54}Fe, 2np), E=195 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$, multipolarities. ^{109}I; deduced levels, J, π, rotational bands; calculated configurations. JUROGAM array. ^{106,108,110,112,114,116,118,120,122,124,126,128,130,132,134,136,138}Te, ^{109,111,113,115,117,119,121,123,125,127,129,131}I, ^{110,112,114,116,118,120,122,124,126,128,130,132,134,136,138,140,142,144}Xe, ^{117,119,121,123,125,127,129}Cs; systematics. JOUR PRVCA 76 054301
^{138}Xe	2007KR19	NUCLEAR REACTIONS ^{96}Mo(^{138}Xe, ^{138}Xe'), (^{140}Xe, ^{140}Xe'), (^{142}Xe, ^{142}Xe'), E=2.84 MeV / nucleon; measured Eγ, Iγ. ^{138,140,142}Xe; deduced B(E2). JOUR ZSTNE 150 127
	2007PE32	NUCLEAR REACTIONS ^{58}Ni(^{54}Fe, 2np), E=195 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$, multipolarities. ^{109}I; deduced levels, J, π, rotational bands; calculated configurations. JUROGAM array. ^{106,108,110,112,114,116,118,120,122,124,126,128,130,132,134,136,138}Te, ^{109,111,113,115,117,119,121,123,125,127,129,131}I, ^{110,112,114,116,118,120,122,124,126,128,130,132,134,136,138,140,142,144}Xe, ^{117,119,121,123,125,127,129}Cs; systematics. JOUR PRVCA 76 054301
	2008KRZZ	NUCLEAR REACTIONS ^{58}Ni(^{122}Cd, ^{122}Cd'), (^{124}Cd, ^{124}Cd'), (^{126}Cd, ^{126}Cd'), (^{138}Xe, ^{138}Xe'), (^{140}Xe, ^{140}Xe'), (^{142}Xe, ^{142}Xe'), (^{144}Xe, ^{144}Xe'), (^{140}Ba, ^{140}Ba'), E=2.85 MeV / nucleon; measured Eγ, Iγ, g-factor; ^{122,124,126}Cd, ^{138,140,142,144}Xe, ^{140}Ba; deduced B(E2). Compared results to existing data, systematics and model calculations. CONF Crete(FINUSTAR 2),Proc.P84,Kroll
^{138}La	2008DE16	ATOMIC MASSES ^{96,98,99,100,101,102,104}Ru; measured absolute isotopic abundances by thermal-ionization mass spectrometry. ^{92,94,95,96,97,98,100}Mo, ^{138,139}La, ^{168,170,171,172,173,174,176}Yb, ^{180,181}Ta; compiled absolute isotopic abundances. JOUR PRVCA 77 045803

A=138 *(continued)*

^{138}Pm	2008RI05	NUCLEAR REACTIONS ^{92}Mo(^{54}Fe, X)^{136}Pm / ^{137}Pm / ^{136}Sm / ^{137}Sm / ^{138}Sm / ^{137}Eu / ^{139}Eu / ^{138}Gd / ^{139}Gd / ^{140}Gd, E=315 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives. ^{136}Pm; deduced levels, bands, (Bλ). ^{144}Gd, ^{148}Dy, ^{138}Pm, ^{140}Eu, ^{142}Tb, ^{144}Ho, ^{133}Cs, ^{134,135}Te, ^{133}La, ^{136}Pr, ^{136}I; systematics of B(E1), B(E2), B(M1). JOUR PRVCA 78 034304
^{138}Sm	2008RI05	NUCLEAR REACTIONS ^{92}Mo(^{54}Fe, X)^{136}Pm / ^{137}Pm / ^{136}Sm / ^{137}Sm / ^{138}Sm / ^{137}Eu / ^{139}Eu / ^{138}Gd / ^{139}Gd / ^{140}Gd, E=315 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives. ^{136}Pm; deduced levels, bands, (Bλ). ^{144}Gd, ^{148}Dy, ^{138}Pm, ^{140}Eu, ^{142}Tb, ^{144}Ho, ^{133}Cs, ^{134,135}Te, ^{133}La, ^{136}Pr, ^{136}I; systematics of B(E1), B(E2), B(M1). JOUR PRVCA 78 034304
^{138}Gd	2008RI05	NUCLEAR REACTIONS ^{92}Mo(^{54}Fe, X)^{136}Pm / ^{137}Pm / ^{136}Sm / ^{137}Sm / ^{138}Sm / ^{137}Eu / ^{139}Eu / ^{138}Gd / ^{139}Gd / ^{140}Gd, E=315 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives. ^{136}Pm; deduced levels, bands, (Bλ). ^{144}Gd, ^{148}Dy, ^{138}Pm, ^{140}Eu, ^{142}Tb, ^{144}Ho, ^{133}Cs, ^{134,135}Te, ^{133}La, ^{136}Pr, ^{136}I; systematics of B(E1), B(E2), B(M1). JOUR PRVCA 78 034304

A=139

^{139}Ba	2008AG10	NUCLEAR REACTIONS ^{89}Y, ^{107,109}Ag(n, n'), E=14.6 MeV; ^{89}Y(n, 2n), E=14.6 MeV; ^{107,109}Ag, ^{139}La(n, p), E=14.6 MeV; ^{89}Y(n, α), E=14.6 MeV; measured Eγ, Iγ, cross sections using the activation technique. Compared results to model calculations. JOUR ANEND 35 1713
	2008KA01	NUCLEAR REACTIONS ^{138}Ba, ^{140}Ce, ^{142}Nd, ^{144}Sm(α, ^{3}He), E=51 MeV; measured $\sigma(\theta)$, excitation energy spectra; deduced spectroscopic factor and single-neutron energies. JOUR PYLBB 658 216
	2008NI02	RADIOACTIVITY ^{139}Ba(β^-) [from ^{138}Ba(n, γ)]; measured K-shell internal conversion coefficients. ^{134}Cs, ^{137}Ba; analyzed K-shell internal conversion coefficients. ^{134}Cs, ^{137}Ba, ^{139}La; deduced experimental α_K and compared with theory. JOUR PRVCA 77 034306
^{139}La	2008DE16	ATOMIC MASSES ^{96,98,99,100,101,102,104}Ru; measured absolute isotopic abundances by thermal-ionization mass spectrometry. ^{92,94,95,96,97,98,100}Mo, ^{138,139}La, ^{168,170,171,172,173,174,176}Yb, ^{180,181}Ta; compiled absolute isotopic abundances. JOUR PRVCA 77 045803
	2008NI02	RADIOACTIVITY ^{139}Ba(β^-) [from ^{138}Ba(n, γ)]; measured K-shell internal conversion coefficients. ^{134}Cs, ^{137}Ba; analyzed K-shell internal conversion coefficients. ^{134}Cs, ^{137}Ba, ^{139}La; deduced experimental α_K and compared with theory. JOUR PRVCA 77 034306

A=139 *(continued)*

^{139}Nd	2007HI13	NUCLEAR REACTIONS ^{141}Pr(p, n)^{141}Nd^{m}, E=9.0, 9.6, 10.3, 10.8, 11.3, 12.4, 12.7, 13.3, 14.3, 15.6MeV; ^{141}Pr(p, 3n)^{139}Nd^{m}, E=21.0, 25.3, 26.6, 29.5, 30.4, 32.9, 39.1, 41.6, 43.8, 44.8 MeV; Ce(^{3}He, xn)^{141}Nd^{m}, E=18.3, 19.4, 20.7, 22.1, 22.9, 23.3, 24.5, 25.6, 26.5, 28.1, 29.2, 30.3, 31.3, 32.3, 34.2 MeV; Ce(^{3}He, xn)^{141}Nd^{m}, E=27.7, 29.1, 30.5, 32.0, 32.0, 33.2, 33.8, 35.2 MeV; measured Eγ, Iγ, cross sections, excitation functions. Comparison with experimental values. JOUR PRVCA 76 064601
	2008FE02	NUCLEAR REACTIONS ^{126}Te(^{18}O, 4n), (^{18}O, 5n), E=75 MeV; measured Eγ, Iγ, γγ-coin. ^{139,140}Nd deduced level energies, J, π, $T_{1/2}$. ^{27}Al(^{18}O, 2n), E=75 MeV; measured Eγ, Iγ. ^{43}Sc; measured half-life of isomeric state. ALTO facility. JOUR ZAANE 35 167
	2008XU05	NUCLEAR REACTIONS ^{128}Te(^{16}O, 5nγ), E=90 MeV; measured Eγ, Iγ, γγ-coin, angular distributions, multipolarities. ^{139}Nd; deduced levels, J, π, bands, configurations. ^{135}Ba, ^{137}Ce, ^{141}Sm, ^{143}Gd; compared band structure and configurations. JOUR PRVCA 78 034310
^{139}Eu	2008RI05	NUCLEAR REACTIONS ^{92}Mo(^{54}Fe, X)^{136}Pm / ^{137}Pm / ^{136}Sm / ^{137}Sm / ^{138}Sm / ^{137}Eu / ^{139}Eu / ^{138}Gd / ^{139}Gd / ^{140}Gd, E=315 MeV; measured Eγ, Iγ, γγ-coin, half-lives. ^{136}Pm; deduced levels, bands, (Bλ). ^{144}Gd, ^{148}Dy, ^{138}Pm, ^{140}Eu, ^{142}Tb, ^{144}Ho, ^{133}Cs, ^{134,135}Te, ^{133}La, ^{136}Pr, ^{136}I; systematics of B(E1), B(E2), B(M1). JOUR PRVCA 78 034304
^{139}Gd	2008RI05	NUCLEAR REACTIONS ^{92}Mo(^{54}Fe, X)^{136}Pm / ^{137}Pm / ^{136}Sm / ^{137}Sm / ^{138}Sm / ^{137}Eu / ^{139}Eu / ^{138}Gd / ^{139}Gd / ^{140}Gd, E=315 MeV; measured Eγ, Iγ, γγ-coin, half-lives. ^{136}Pm; deduced levels, bands, (Bλ). ^{144}Gd, ^{148}Dy, ^{138}Pm, ^{140}Eu, ^{142}Tb, ^{144}Ho, ^{133}Cs, ^{134,135}Te, ^{133}La, ^{136}Pr, ^{136}I; systematics of B(E1), B(E2), B(M1). JOUR PRVCA 78 034304

A=140

^{140}Xe	2007KR19	NUCLEAR REACTIONS ^{96}Mo(^{138}Xe, ^{138}Xe'), (^{140}Xe, ^{140}Xe'), (^{142}Xe, ^{142}Xe'), E=2.84 MeV / nucleon; measured Eγ, Iγ. ^{138,140,142}Xe; deduced B(E2). JOUR ZSTNE 150 127
	2007PE32	NUCLEAR REACTIONS ^{58}Ni(^{54}Fe, 2np), E=195 MeV; measured Eγ, Iγ, γγ-coin, γγ(θ), multipolarities. ^{109}I; deduced levels, J, π, rotational bands; calculated configurations. JUROGAM array. ^{106,108,110,112,114,116,118,120,122,124,126,128,130,132,134,136,138}Te, ^{109,111,113,115,117,119,121,123,125,127,129,131}I, ^{110,112,114,116,118,120,122,124,126,128,130,132,134,136,138,140,142,144}Xe, ^{117,119,121,123,125,127,129}Cs; systematics. JOUR PRVCA 76 054301
	2008KRZZ	NUCLEAR REACTIONS ^{58}Ni(^{122}Cd, ^{122}Cd'), (^{124}Cd, ^{124}Cd'), (^{126}Cd, ^{126}Cd'), (^{138}Xe, ^{138}Xe'), (^{140}Xe, ^{140}Xe'), (^{142}Xe, ^{142}Xe'), (^{144}Xe, ^{144}Xe'), (^{140}Ba, ^{140}Ba'), E=2.85 MeV / nucleon; measured Eγ, Iγ, g-factor; ^{122,124,126}Cd, ^{138,140,142,144}Xe, ^{140}Ba; deduced B(E2). Compared results to existing data, systematics and model calculations. CONF Crete(FINUSTAR 2),Proc.P84,Kroll

A=140 ***(continued)***

^{140}Ba	2007KRZY	NUCLEAR REACTIONS ^{127}I(d, X)^{111}In / ^{119}Te / ^{121}I / ^{122}Sb / ^{123}I / ^{124}I / ^{125}Xe / ^{126}I, E=2.52 GeV; measured yields; ^{129}I(d, X)^{121}Te / ^{124}I / ^{126}I / ^{130}I, E=2.52 GeV; measured yields; ^{237}Np(d, X)^{97}Zr / ^{99}Mo / ^{132}Te / ^{133}I / ^{238}Np, E=2.52 GeV; measured yields; ^{238}Pu(d, X)^{97}Zr / ^{135}Xe, E≈2.5 GeV; measured yields; ^{239}Pu(d, X)^{103}Ru / ^{128}Sb / ^{132}Te / ^{133}I / ^{135}I / ^{135}Xe / ^{140}Ba / ^{143}Ce / ^{91}Sr / ^{97}Zr, E≈2.5 GeV; measured yields; ^{26}Al(n, α), ^{197}Au(n, γ), ^{197}Au(n, 2n), ^{197}Au(n, 4n), E not given; measured radial distributions of production rates of daughter nuclei; ^{89}Y(n, 2n), ^{89}Y(n, 3n), ^{89}Y(n, 4n), E not given; measured production rates of daughter nuclei. activation detector for transmutation setup; ^{238}U, Pb(n, f), ^{238}U, Pb(n, γ), E not given; measured σ. REPT JINR-E1-2007-7,Krivopustov
	2007VE14	NUCLEAR REACTIONS ^{238}U(^{12}C, X)^{140}Ba / ^{142}Ce, E=90 MeV; ^{208}Pb(^{18}O, X)^{140}Ba / ^{142}Ce, E=85 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{140}Ba, ^{142}Ce deduced high-spin levels, J, π, configurations. Euroball III and IV arrays. JOUR ZAANE 34 349
	2008KRZZ	NUCLEAR REACTIONS ^{58}Ni(^{122}Cd, ^{122}Cd'), (^{124}Cd, ^{124}Cd'), (^{126}Cd, ^{126}Cd'), (^{138}Xe, ^{138}Xe'), (^{140}Xe, ^{140}Xe'), (^{142}Xe, ^{142}Xe'), (^{144}Xe, ^{144}Xe'), (^{140}Ba, ^{140}Ba'), E=2.85 MeV / nucleon; measured Eγ, Iγ, g-factor; ^{122,124,126}Cd, ^{138,140,142,144}Xe, ^{140}Ba; deduced B(E2). Compared results to existing data, systematics and model calculations. CONF Crete(FINUSTAR 2),Proc.P84,Kroll
^{140}La	2008TAZY	NUCLEAR REACTIONS ^{139}La, ^{152}Sm, ^{191,193}Ir(n, γ), E=55, 144 keV; measured Eγ, Iγ, cross sections. REPT JAEA-Conf 2008-006,P40,Tan
^{140}Ce	2006BO41	ATOMIC MASSES ^{140}Pr, ^{140}Ce, ^{147,147m}Dy; A=144-207; reviewed Shottky and mass spectra. JOUR IMSPF 251 212
	2007LI71	RADIOACTIVITY ^{140}Pr(β^+), (EC); measured decay rates for bare nuclei, hydrogenlike, and heliumlike configurations. JOUR PRLTA 99 262501
	2008BU21	NUCLEAR REACTIONS ^{32}S, ^{140}Ce, ^{208}Pb(γ, γ'), E=2-7 MeV; measured Eγ, γ-ray linear polarizations. ^{140}Ce; deduced levels, J, π, asymmetries. Bremsstrahlung beam, Compton polarimetry. JOUR PRVCA 78 044309
	2008KU06	RADIOACTIVITY ^{140}Pr(EC), (β^+); measured Schottky frequency spectra of ions stored in an ESR storage ring. ^{140}Pr(EC), (β^+); deduced decay constant and half-life. JOUR APOBB 39 501
^{140}Pr	2006BO41	ATOMIC MASSES ^{140}Pr, ^{140}Ce, ^{147,147m}Dy; A=144-207; reviewed Shottky and mass spectra. JOUR IMSPF 251 212
	2006BO41	RADIOACTIVITY ^{140}Pr, ^{207}Tl, ^{235}Ac(β^-); measured half-life of bare and few-electron ions. JOUR IMSPF 251 212
	2007LI71	RADIOACTIVITY ^{140}Pr(β^+), (EC); measured decay rates for bare nuclei, hydrogenlike, and heliumlike configurations. JOUR PRLTA 99 262501
	2008KU06	RADIOACTIVITY ^{140}Pr(EC), (β^+); measured Schottky frequency spectra of ions stored in an ESR storage ring. ^{140}Pr(EC), (β^+); deduced decay constant and half-life. JOUR APOBB 39 501
^{140}Nd	2006BO41	RADIOACTIVITY ^{140}Pr, ^{207}Tl, ^{235}Ac(β^-); measured half-life of bare and few-electron ions. JOUR IMSPF 251 212

A=140 *(continued)*

	2008FE02	NUCLEAR REACTIONS ^{126}Te(^{18}O, 4n), (^{18}O, 5n), E=75 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{139,140}Nd deduced level energies, J, π, $T_{1/2}$. ^{27}Al(^{18}O, 2n), E=75 MeV; measured Eγ, Iγ. ^{43}Sc; measured half-life of isomeric state. ALTO facility. JOUR ZAANE 35 167
	2008NA05	NUCLEAR REACTIONS ^{92}Mo(γ, p), (γ, n), (γ, α), E not given; ^{144}Sm(γ, n), (γ, α), E not given; measured Eγ, Iγ, activation yields. Comparison with model calculations. JOUR JPGPE 35 014036
^{140}Eu	2007BAZQ	NUCLEAR REACTIONS ^{92}Mo(^{54}Fe, n5p)^{140}Eu, E=315 MeV; ^{92}Mo(^{54}Fe, n3p)^{142}Tb, E=250 MeV;^{92}Mo(^{54}Fe, np)^{144}Ho, E=225 MeV; ^{92}Mo(^{58}Ni, 3np)^{146}Tm, E=297 MeV; measured Eγ, Iγ, $\gamma\gamma$ coin, ce, $\gamma\gamma$(t). ^{140}Eu; deduced $T_{1/2}$, levels, J, π. ^{142}Tb; deduced $T_{1/2}$, levels, J, π. ^{144}Ho; deduced $T_{1/2}$, levels, J, π. CONF Lisbon (PROCON 2007),Proc.P291,Batchelder
	2008RI05	NUCLEAR REACTIONS ^{92}Mo(^{54}Fe, X)^{136}Pm / ^{137}Pm / ^{136}Sm / ^{137}Sm / ^{138}Sm / ^{137}Eu / ^{139}Eu / ^{138}Gd / ^{139}Gd / ^{140}Gd, E=315 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives. ^{136}Pm; deduced levels, bands, (Bλ). ^{144}Gd, ^{148}Dy, ^{138}Pm, ^{140}Eu, ^{142}Tb, ^{144}Ho, ^{133}Cs, ^{134,135}Te, ^{133}La, ^{136}Pr, ^{136}I; systematics of B(E1), B(E2), B(M1). JOUR PRVCA 78 034304
^{140}Gd	2008RI05	NUCLEAR REACTIONS ^{92}Mo(^{54}Fe, X)^{136}Pm / ^{137}Pm / ^{136}Sm / ^{137}Sm / ^{138}Sm / ^{137}Eu / ^{139}Eu / ^{138}Gd / ^{139}Gd / ^{140}Gd, E=315 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives. ^{136}Pm; deduced levels, bands, (Bλ). ^{144}Gd, ^{148}Dy, ^{138}Pm, ^{140}Eu, ^{142}Tb, ^{144}Ho, ^{133}Cs, ^{134,135}Te, ^{133}La, ^{136}Pr, ^{136}I; systematics of B(E1), B(E2), B(M1). JOUR PRVCA 78 034304
^{140}Dy	2007KAZO	RADIOACTIVITY ^{141,141m}Ho(p) [from ^{92}Mo(^{56}Fe, xpyn), E=290, 300 MeV]; measured Ep, Ip, ; ^{141gs}Ho; deduced p-decay to gs and 2^+ state of ^{140}Dy, branching, $T_{1/2}$. ^{141m}Ho; deduced p-decay to gs and 2^+ state of ^{140}Dy, branching, $T_{1/2}$. CONF Lisbon (PROCON 2007),Proc.P22,Karny
	2008KA16	RADIOACTIVITY ^{141}Ho(p) [from ^{92}Mo(^{54}Fe, X), E=290, 300 MeV]; measured Ep, Ip, $T_{1/2}$. JOUR PYLBB 664 52

A=141

^{141}Ba	2006SA56	ATOMIC MASSES ^{141,142,143,144,145,146,147}Ba, ^{143,144,145,146,147,148}La, ^{145,146,147,148,149,150,151}Ce, ^{148,149,150,151,152,153}Pr; measured masses with the Canadian Penning Trap (CPT) mass spectrometer and reviewed the CARIBU Project. Isotopes produced from fission of ^{252}Cf. Comparisons with 1995 and 2003 mass evaluations. JOUR IMSPF 251 252
^{141}Ce	2008KA01	NUCLEAR REACTIONS ^{138}Ba, ^{140}Ce, ^{142}Nd, ^{144}Sm(α, ^{3}He), E=51 MeV; measured $\sigma(\theta)$, excitation energy spectra; deduced spectroscopic factor and single-neutron energies. JOUR PYLBB 658 216

A=141 *(continued)*

^{141}Pr	2008SC17	NUCLEAR REACTIONS ^{141}Pr(n, n'γ), E=1.5-3.2 MeV; measured Eγ, Iγ, angular distributions, σ, half-lives using doppler shift attenuation method; deduced levels, J, π, multipolarities, mixing ratios, configurations, B(M1), B(E1), B(E2). Comparison with core plus particle coupling model. JOUR PRVCA 78 034302
^{141}Nd	2007HI13	NUCLEAR REACTIONS ^{141}Pr(p, n)^{141}Nd^m, E=9.0, 9.6, 10.3, 10.8, 11.3, 12.4, 12.7, 13.3, 14.3, 15.6MeV; ^{141}Pr(p, 3n)^{139}Nd^m, E=21.0, 25.3, 26.6, 29.5, 30.4, 32.9, 39.1, 41.6, 43.8, 44.8 MeV; Ce(^{3}He, xn)^{141}Nd^m, E=18.3, 19.4, 20.7, 22.1, 22.9, 23.3, 24.5, 25.6, 26.5, 28.1, 29.2, 30.3, 31.3, 32.3, 34.2 MeV; Ce(^{3}He, xn)^{141}Nd^m, E=27.7, 29.1, 30.5, 32.0, 32.0, 33.2, 33.8, 35.2 MeV; measured Eγ, Iγ, cross sections, excitation functions. Comparison with experimental values. JOUR PRVCA 76 064601
	2007PA45	NUCLEAR REACTIONS ^{142}Nd(γ, n), E < 35 MeV; measured Eγ, Iγ. Deduced isomeric yield ratio. JOUR AENGA 103 827
^{141}Sm	2008XU05	NUCLEAR REACTIONS ^{128}Te(^{16}O, 5nγ), E=90 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular distributions, multipolarities. ^{139}Nd; deduced levels, J, π, bands, configurations. ^{135}Ba, ^{137}Ce, ^{141}Sm, ^{143}Gd; compared band structure and configurations. JOUR PRVCA 78 034310
^{141}Ho	2007KAZO	RADIOACTIVITY ^{141,141m}Ho(p) [from ^{92}Mo(^{56}Fe, xpyn), E=290, 300 MeV]; measured Ep, Ip, ; ^{141gs}Ho; deduced p-decay to gs and 2^+ state of ^{140}Dy, branching, $T_{1/2}$. ^{141m}Ho; deduced p-decay to gs and 2^+ state of ^{140}Dy, branching, $T_{1/2}$. CONF Lisbon (PROCON 2007),Proc.P22,Karny
	2008KA16	RADIOACTIVITY ^{141}Ho(p) [from ^{92}Mo(^{54}Fe, X), E=290, 300 MeV]; measured Ep, Ip, $T_{1/2}$. JOUR PYLBB 664 52

A=142

^{142}Xe	2007KR19	NUCLEAR REACTIONS ^{96}Mo(^{138}Xe, ^{138}Xe'), (^{140}Xe, ^{140}Xe'), (^{142}Xe, ^{142}Xe'), E=2.84 MeV / nucleon; measured Eγ, Iγ. ^{138,140,142}Xe; deduced B(E2). JOUR ZSTNE 150 127
	2007PE32	NUCLEAR REACTIONS ^{58}Ni(^{54}Fe, 2np), E=195 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$, multipolarities. ^{109}I; deduced levels, J, π, rotational bands; calculated configurations. JUROGAM array. ^{106,108,110,112,114,116,118,120,122,124,126,128,130,132,134,136,138}Te, ^{109,111,113,115,117,119,121,123,125,127,129,131}I, ^{110,112,114,116,118,120,122,124,126,128,130,132,134,136,138,140,142,144}Xe, ^{117,119,121,123,125,127,129}Cs; systematics. JOUR PRVCA 76 054301
	2008KRZZ	NUCLEAR REACTIONS ^{58}Ni(^{122}Cd, ^{122}Cd'), (^{124}Cd, ^{124}Cd'), (^{126}Cd, ^{126}Cd'), (^{138}Xe, ^{138}Xe'), (^{140}Xe, ^{140}Xe'), (^{142}Xe, ^{142}Xe'), (^{144}Xe, ^{144}Xe'), (^{140}Ba, ^{140}Ba'), E=2.85 MeV / nucleon; measured Eγ, Iγ, g-factor; ^{122,124,126}Cd, ^{138,140,142,144}Xe, ^{140}Ba; deduced B(E2). Compared results to existing data, systematics and model calculations. CONF Crete(FINUSTAR 2),Proc.P84,Kroll

A=142 ***(continued)***

^{142}Ba	2006SA56	ATOMIC MASSES ^{141,142,143,144,145,146,147}Ba, ^{143,144,145,146,147,148}La, ^{145,146,147,148,149,150,151}Ce, ^{148,149,150,151,152,153}Pr; measured masses with the Canadian Penning Trap (CPT) mass spectrometer and reviewed the CARIBU Project. Isotopes produced from fission of ^{252}Cf. Comparisons with 1995 and 2003 mass evaluations. JOUR IMSPF 251 252
^{142}Ce	2007VE14	NUCLEAR REACTIONS ^{238}U(^{12}C, X)^{140}Ba / ^{142}Ce, E=90 MeV; ^{208}Pb(^{18}O, X)^{140}Ba / ^{142}Ce, E=85 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{140}Ba, ^{142}Ce deduced high-spin levels, J, π, configurations. Euroball III and IV arrays. JOUR ZAANE 34 349
^{142}Nd	2008VE06	RADIOACTIVITY ^{142}Pm(EC); measured Eγ, Iγ, X-ray spectra, decay constant. JOUR PYLBB 670 196
^{142}Pm	2008VE06	RADIOACTIVITY ^{142}Pm(EC); measured Eγ, Iγ, X-ray spectra, decay constant. JOUR PYLBB 670 196
^{142}Eu	2008LIZZ	NUCLEAR REACTIONS ^{97}Mo(^{51}V, xnypzα)^{142}Eu, E=238 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, γ multiplicity distributions. CONF Crete(FINUSTAR 2),Proc.P26,Lieder
^{142}Gd	2008CA16	NUCLEAR REACTIONS ^{99}Ru(^{48}Ti, 3n2p), E=240 MeV; measured Eγ, Iγ, half-lives using doppler shift attenuation method. ^{142}Gd; deduced levels, B(E2), bands, configurations; calculated energy of configurations in rotational bands, deformations, potential energy surfaces. Cranking model. JOUR PRVCA 78 034316
	2008LI08	NUCLEAR REACTIONS ^{114}Sn(^{32}S, 2n2p), E=160 MeV; ^{99}Ru(^{48}Ti, 3n2p), E=240 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, DSA. ^{142}Gd deduced high-spin levels, J, π, B(E2), $T_{1/2}$; calculated configurations with cranked Nilsson-Strutinsky and interacting boson models. Euroball III and IV arrays. JOUR ZAANE 35 135
	2008LIZX	NUCLEAR REACTIONS ^{114}Sn(^{32}S, 2n2p), E=160 MeV; ^{114}Cd(^{28}Si, 4nα), E=155 MeV; measured Eγ, Iγ, lifetimes using the DSAM. ^{142}Gd, ^{134}Nd; deduced levels, J, π, lifetimes, B(E2). CONF Crete(FINUSTAR 2),Proc.P383,Lieder
^{142}Tb	2007BAZQ	NUCLEAR REACTIONS ^{92}Mo(^{54}Fe, n5p)^{140}Eu, E=315 MeV; ^{92}Mo(^{54}Fe, n3p)^{142}Tb, E=250 MeV;^{92}Mo(^{54}Fe, np)^{144}Ho, E=225 MeV; ^{92}Mo(^{58}Ni, 3np)^{146}Tm, E=297 MeV; measured Eγ, Iγ, $\gamma\gamma$ coin, ce, $\gamma\gamma$(t). ^{140}Eu; deduced $T_{1/2}$, levels, J, π. ^{142}Tb; deduced $T_{1/2}$, levels, J, π. ^{144}Ho; deduced $T_{1/2}$, levels, J, π. CONF Lisbon (PROCON 2007),Proc.P291,Batchelder
	2007CUZZ	NUCLEAR REACTIONS ^{92}Mo(^{54}Fe, n3p)^{142}Tb, E=245, 252, 265 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{142m2}Tb; deduced $T_{1/2}$. CONF Lisbon (PROCON 2007),Proc.P278,Cullen
	2008RI05	NUCLEAR REACTIONS ^{92}Mo(^{54}Fe, X)^{136}Pm / ^{137}Pm / ^{136}Sm / ^{137}Sm / ^{138}Sm / ^{137}Eu / ^{139}Eu / ^{138}Gd / ^{139}Gd / ^{140}Gd, E=315 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives. ^{136}Pm; deduced levels, bands, (Bλ). ^{144}Gd, ^{148}Dy, ^{138}Pm, ^{140}Eu, ^{142}Tb, ^{144}Ho, ^{133}Cs, ^{134,135}Te, ^{133}La, ^{136}Pr, ^{136}I; systematics of B(E1), B(E2), B(M1). JOUR PRVCA 78 034304
^{142}Ho	2008CUZZ	NUCLEAR REACTIONS ^{92}Mo(^{54}Fe, 3np); measured Eγ, Iγ, time distributions of delayed γ rays. CONF Crete(FINUSTAR 2),Proc.P220,Cullen

A=143

^{143}Ba	2006SA56	ATOMIC MASSES ^{141,142,143,144,145,146,147}Ba, ^{143,144,145,146,147,148}La, ^{145,146,147,148,149,150,151}Ce, ^{148,149,150,151,152,153}Pr; measured masses with the Canadian Penning Trap (CPT) mass spectrometer and reviewed the CARIBU Project. Isotopes produced from fission of ^{252}Cf. Comparisons with 1995 and 2003 mass evaluations. JOUR IMSPF 251 252
^{143}La	2006SA56	ATOMIC MASSES ^{141,142,143,144,145,146,147}Ba, ^{143,144,145,146,147,148}La, ^{145,146,147,148,149,150,151}Ce, ^{148,149,150,151,152,153}Pr; measured masses with the Canadian Penning Trap (CPT) mass spectrometer and reviewed the CARIBU Project. Isotopes produced from fission of ^{252}Cf. Comparisons with 1995 and 2003 mass evaluations. JOUR IMSPF 251 252
^{143}Ce	2007KRZY	NUCLEAR REACTIONS ^{127}I(d, X)^{111}In / ^{119}Te / ^{121}I / ^{122}Sb / ^{123}I / ^{124}I / ^{125}Xe / ^{126}I, E=2.52 GeV; measured yields; ^{129}I(d, X)^{121}Te / ^{124}I / ^{126}I / ^{130}I, E=2.52 GeV; measured yields; ^{237}Np(d, X)^{97}Zr / ^{99}Mo / ^{132}Te / ^{133}I / ^{238}Np, E=2.52 GeV; measured yields; ^{238}Pu(d, X)^{97}Zr / ^{135}Xe, E≈2.5 GeV; measured yields; ^{239}Pu(d, X)^{103}Ru / ^{128}Sb / ^{132}Te / ^{133}I / ^{135}I / ^{135}Xe / ^{140}Ba / ^{143}Ce / ^{91}Sr / ^{97}Zr, E≈2.5 GeV; measured yields; ^{26}Al(n, α), ^{197}Au(n, γ), ^{197}Au(n, 2n), ^{197}Au(n, 4n), E not given; measured radial distributions of production rates of daughter nuclei; ^{89}Y(n, 2n), ^{89}Y(n, 3n), ^{89}Y(n, 4n), E not given; measured production rates of daughter nuclei. activation detector for transmutation setup; ^{238}U, Pb(n, f), ^{238}U, Pb(n, γ), E not given; measured σ. REPT JINR-E1-2007-7,Krivopustov
^{143}Nd	2008KA01	NUCLEAR REACTIONS ^{138}Ba, ^{140}Ce, ^{142}Nd, ^{144}Sm(α, ^{3}He), E=51 MeV; measured $\sigma(\theta)$, excitation energy spectra; deduced spectroscopic factor and single-neutron energies. JOUR PYLBB 658 216
^{143}Sm	2008NA05	NUCLEAR REACTIONS ^{92}Mo(γ, p), (γ, n), (γ, α), E not given; ^{144}Sm(γ, n), (γ, α), E not given; measured Eγ, Iγ, activation yields. Comparison with model calculations. JOUR JPGPE 35 014036
^{143}Gd	2008XU05	NUCLEAR REACTIONS ^{128}Te(^{16}O, 5nγ), E=90 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular distributions, multipolarities. ^{139}Nd; deduced levels, J, π, bands, configurations. ^{135}Ba, ^{137}Ce, ^{141}Sm, ^{143}Gd; compared band structure and configurations. JOUR PRVCA 78 034310
^{143}Tb	2007HEZV	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm, ^{113}Xe, ^{111,112,113}I, ^{109,110,111,112}Te, ^{107,109,111}Sb, ^{105,106}Sn, ^{102,103,104,105}In, ^{101,102,103,104}Cd, ^{99,101,103}Ag, ^{89,90,91,92,93,94}Tc, ^{90,91,92,94,96}Ru, ^{92,93,95,96,97,98}Rh; measured masses. SHIPTRAP penning trap spectrometer. CONF Lisbon (PROCON 2007),Proc.P319,Herfurth
	2007RA37	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm; measured masses using the SHIPTRAP penning trap mass spectrometer. Compared results to previous results. JOUR ZSTNE 150 329

A=143 ***(continued)***

^{143}Dy	2007HEZV	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm, ^{113}Xe, ^{111,112,113}I, ^{109,110,111,112}Te, ^{107,109,111}Sb, ^{105,106}Sn, ^{102,103,104,105}In, ^{101,102,103,104}Cd, ^{99,101,103}Ag, ^{89,90,91,92,93,94}Tc, ^{90,91,92,94,96}Ru, ^{92,93,95,96,97,98}Rh; measured masses. SHIPTRAP penning trap spectrometer. CONF Lisbon (PROCON 2007),Proc.P319,Herfurth
	2007RA37	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm; measured masses using the SHIPTRAP penning trap mass spectrometer. Compared results to previous results. JOUR ZSTNE 150 329

A=144

^{144}Xe	2007PE32	NUCLEAR REACTIONS ^{58}Ni(^{54}Fe, 2np), E=195 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$, multipolarities. ^{109}I; deduced levels, J, π, rotational bands; calculated configurations. JUROGAM array. ^{106,108,110,112,114,116,118,120,122,124,126,128,130,132,134,136,138}Te, ^{109,111,113,115,117,119,121,123,125,127,129,131}I, ^{110,112,114,116,118,120,122,124,126,128,130,132,134,136,138,140,142,144}Xe, ^{117,119,121,123,125,127,129}Cs; systematics. JOUR PRVCA 76 054301
	2008KRZZ	NUCLEAR REACTIONS ^{58}Ni(^{122}Cd, ^{122}Cd'), (^{124}Cd, ^{124}Cd'), (^{126}Cd, ^{126}Cd'), (^{138}Xe, ^{138}Xe'), (^{140}Xe, ^{140}Xe'), (^{142}Xe, ^{142}Xe'), (^{144}Xe, ^{144}Xe'), (^{140}Ba, ^{140}Ba'), E=2.85 MeV / nucleon; measured Eγ, Iγ, g-factor; ^{122,124,126}Cd, ^{138,140,142,144}Xe, ^{140}Ba; deduced B(E2). Compared results to existing data, systematics and model calculations. CONF Crete(FINUSTAR 2),Proc.P84,Kroll
^{144}Ba	2006SA56	ATOMIC MASSES ^{141,142,143,144,145,146,147}Ba, ^{143,144,145,146,147,148}La, ^{145,146,147,148,149,150,151}Ce, ^{148,149,150,151,152,153}Pr; measured masses with the Canadian Penning Trap (CPT) mass spectrometer and reviewed the CARIBU Project. Isotopes produced from fission of ^{252}Cf. Comparisons with 1995 and 2003 mass evaluations. JOUR IMSPF 251 252
^{144}La	2006SA56	ATOMIC MASSES ^{141,142,143,144,145,146,147}Ba, ^{143,144,145,146,147,148}La, ^{145,146,147,148,149,150,151}Ce, ^{148,149,150,151,152,153}Pr; measured masses with the Canadian Penning Trap (CPT) mass spectrometer and reviewed the CARIBU Project. Isotopes produced from fission of ^{252}Cf. Comparisons with 1995 and 2003 mass evaluations. JOUR IMSPF 251 252
^{144}Nd	2008FI08	NUCLEAR REACTIONS ^{144}Nd, ^{148}Sm(^{48}Ti, ^{48}Ti'), E=130 MeV; measured Eγ, Iγ, σ; deduced B(E2) ratios. Coulomb excitation. JOUR PRVCA 78 034309
	2009ZH01	NUCLEAR REACTIONS ^{147}Sm(n, α), E=5.0, 6.0 MeV; measured Eα, Iα, cross sections. Compared results to existing data. JOUR ARISE 67 46
^{144}Sm	2008EV01	NUCLEAR REACTIONS ^{144,154}Sm, ^{166}Er, ^{186}W, ^{197}Au, ^{208}Pb(^{16}O, ^{16}O), E=17-26 MeV; measured yields, $\sigma(\theta)$, diffuseness parameter. Coupled-channel calculations. JOUR PRVCA 78 034614

A=144 *(continued)*

^{144}Gd	2008RI05	NUCLEAR REACTIONS ^{92}Mo(^{54}Fe, X)^{136}Pm / ^{137}Pm / ^{136}Sm / ^{137}Sm / ^{138}Sm / ^{137}Eu / ^{139}Eu / ^{138}Gd / ^{139}Gd / ^{140}Gd, E=315 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives. ^{136}Pm; deduced levels, bands, (Bλ). ^{144}Gd, ^{148}Dy, ^{138}Pm, ^{140}Eu, ^{142}Tb, ^{144}Ho, ^{133}Cs, ^{134,135}Te, ^{133}La, ^{136}Pr, ^{136}I; systematics of B(E1), B(E2), B(M1). JOUR PRVCA 78 034304
^{144}Dy	2007HEZV	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm, ^{113}Xe, ^{111,112,113}I, ^{109,110,111,112}Te, ^{107,109,111}Sb, ^{105,106}Sn, ^{102,103,104,105}In, ^{101,102,103,104}Cd, ^{99,101,103}Ag, ^{89,90,91,92,93,94}Tc, ^{90,91,92,94,96}Ru, ^{92,93,95,96,97,98}Rh; measured masses. SHIPTRAP penning trap spectrometer. CONF Lisbon (PROCON 2007),Proc.P319,Herfurth
	2007RA37	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm; measured masses using the SHIPTRAP penning trap mass spectrometer. Compared results to previous results. JOUR ZSTNE 150 329
^{144}Ho	2007BAZQ	NUCLEAR REACTIONS ^{92}Mo(^{54}Fe, n5p)^{140}Eu, E=315 MeV; ^{92}Mo(^{54}Fe, n3p)^{142}Tb, E=250 MeV;^{92}Mo(^{54}Fe, np)^{144}Ho, E=225 MeV; ^{92}Mo(^{58}Ni, 3np)^{146}Tm, E=297 MeV; measured Eγ, Iγ, $\gamma\gamma$ coin, ce, $\gamma\gamma$(t). ^{140}Eu; deduced $T_{1/2}$, levels, J, π. ^{142}Tb; deduced $T_{1/2}$, levels, J, π. ^{144}Ho; deduced $T_{1/2}$, levels, J, π. CONF Lisbon (PROCON 2007),Proc.P291,Batchelder
	2007HEZV	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm, ^{113}Xe, ^{111,112,113}I, ^{109,110,111,112}Te, ^{107,109,111}Sb, ^{105,106}Sn, ^{102,103,104,105}In, ^{101,102,103,104}Cd, ^{99,101,103}Ag, ^{89,90,91,92,93,94}Tc, ^{90,91,92,94,96}Ru, ^{92,93,95,96,97,98}Rh; measured masses. SHIPTRAP penning trap spectrometer. CONF Lisbon (PROCON 2007),Proc.P319,Herfurth
	2007RA37	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm; measured masses using the SHIPTRAP penning trap mass spectrometer. Compared results to previous results. JOUR ZSTNE 150 329
	2008RA03	ATOMIC MASSES ^{144,145,146,147}Ho, ^{147,148}Tm; measured masses using the SHIPTRAP penning trap mass spectrometer. JOUR PRLTA 100 012501
	2008RI05	NUCLEAR REACTIONS ^{92}Mo(^{54}Fe, X)^{136}Pm / ^{137}Pm / ^{136}Sm / ^{137}Sm / ^{138}Sm / ^{137}Eu / ^{139}Eu / ^{138}Gd / ^{139}Gd / ^{140}Gd, E=315 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives. ^{136}Pm; deduced levels, bands, (Bλ). ^{144}Gd, ^{148}Dy, ^{138}Pm, ^{140}Eu, ^{142}Tb, ^{144}Ho, ^{133}Cs, ^{134,135}Te, ^{133}La, ^{136}Pr, ^{136}I; systematics of B(E1), B(E2), B(M1). JOUR PRVCA 78 034304
^{144}Er	2007SEZR	RADIOACTIVITY ^{101}Sn(β^+p) [from ^{46}Ti(^{58}Ni, 3n), E=192 MeV]; ^{145}Tm(p); measured Eπ, Iπ, pγ-coin. CONF Lisbon (PROCON 2007),Proc.P149,Seweryniak

A=145

^{145}Cs	2008WE02	ATOMIC MASSES ^{145,147}Cs, ^{181,183,186,187,196,205}Tl, ^{197,208}Pb, ^{190,191,192,193,194,195,196,197,209,215,216}Bi, ^{203,205,229}Fr, ^{214,229,230}Ra; measured masses using the ISOLTRAP Penning trap mass spectrometer. JOUR NUPAB 803 1
^{145}Ba	2006SA56	ATOMIC MASSES ^{141,142,143,144,145,146,147}Ba, ^{143,144,145,146,147,148}La, ^{145,146,147,148,149,150,151}Ce, ^{148,149,150,151,152,153}Pr; measured masses with the Canadian Penning Trap (CPT) mass spectrometer and reviewed the CARIBU Project. Isotopes produced from fission of ^{252}Cf. Comparisons with 1995 and 2003 mass evaluations. JOUR IMSPF 251 252
^{145}La	2006SA56	ATOMIC MASSES ^{141,142,143,144,145,146,147}Ba, ^{143,144,145,146,147,148}La, ^{145,146,147,148,149,150,151}Ce, ^{148,149,150,151,152,153}Pr; measured masses with the Canadian Penning Trap (CPT) mass spectrometer and reviewed the CARIBU Project. Isotopes produced from fission of ^{252}Cf. Comparisons with 1995 and 2003 mass evaluations. JOUR IMSPF 251 252
^{145}Ce	2006SA56	ATOMIC MASSES ^{141,142,143,144,145,146,147}Ba, ^{143,144,145,146,147,148}La, ^{145,146,147,148,149,150,151}Ce, ^{148,149,150,151,152,153}Pr; measured masses with the Canadian Penning Trap (CPT) mass spectrometer and reviewed the CARIBU Project. Isotopes produced from fission of ^{252}Cf. Comparisons with 1995 and 2003 mass evaluations. JOUR IMSPF 251 252
^{145}Nd	2007DAZU	RADIOACTIVITY ^{146}Pm(p); measured Ep, Ip, $T_{1/2}$, pγ coin. ^{146}Pm; deduced levels, J. Fragment Mass Analyzer at ANL, Recoil Decay Tagging technique. CONF Lisbon (PROCON 2007),Proc.P3,Davids
^{145}Sm	2008KA01	NUCLEAR REACTIONS ^{138}Ba, ^{140}Ce, ^{142}Nd, ^{144}Sm(α, ^{3}He), E=51 MeV; measured $\sigma(\theta)$, excitation energy spectra; deduced spectroscopic factor and single-neutron energies. JOUR PYLBB 658 216
^{145}Dy	2007HEZV	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm, ^{113}Xe, ^{111,112,113}I, ^{109,110,111,112}Te, ^{107,109,111}Sb, ^{105,106}Sn, ^{102,103,104,105}In, ^{101,102,103,104}Cd, ^{99,101,103}Ag, ^{89,90,91,92,93,94}Tc, ^{90,91,92,94,96}Ru, ^{92,93,95,96,97,98}Rh; measured masses. SHIPTRAP penning trap spectrometer. CONF Lisbon (PROCON 2007),Proc.P319,Herfurth
	2007RA37	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm; measured masses using the SHIPTRAP penning trap mass spectrometer. Compared results to previous results. JOUR ZSTNE 150 329
^{145}Ho	2007BAZQ	RADIOACTIVITY ^{146}Tm(β^{+}p); measured β^{+}, charged particle spectra; ^{11}Be; deduced three body break-up excited state through ^{10}Be state. CONF Lisbon (PROCON 2007),Proc.P291,Batchelder
	2007HEZV	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm, ^{113}Xe, ^{111,112,113}I, ^{109,110,111,112}Te, ^{107,109,111}Sb, ^{105,106}Sn, ^{102,103,104,105}In, ^{101,102,103,104}Cd, ^{99,101,103}Ag, ^{89,90,91,92,93,94}Tc, ^{90,91,92,94,96}Ru, ^{92,93,95,96,97,98}Rh; measured masses. SHIPTRAP penning trap spectrometer. CONF Lisbon (PROCON 2007),Proc.P319,Herfurth

A=145 ***(continued)***

	2007RA37	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm; measured masses using the SHIPTRAP penning trap mass spectrometer. Compared results to previous results. JOUR ZSTNE 150 329
	2008RA03	ATOMIC MASSES ^{144,145,146,147}Ho, ^{147,148}Tm; measured masses using the SHIPTRAP penning trap mass spectrometer. JOUR PRLTA 100 012501
^{145}Er	2007MAZA	RADIOACTIVITY ^{146}Tm(p); measured Ep, Ip, $T_{1/2}$; ^{146}Tm; deduced levels. ^{145}Er; deduced levels, J, π. CONF Lisbon (PROCON 2007),Proc.P224,Madurga
^{145}Tm	2007SEZR	RADIOACTIVITY ^{101}Sn(β^+p) [from ^{46}Ti(^{58}Ni, 3n), E=192 MeV]; ^{145}Tm(p); measured Eπ, Iπ, pγ-coin. CONF Lisbon (PROCON 2007),Proc.P149,Seweryniak

A=146

^{146}Ba	2006SA56	ATOMIC MASSES ^{141,142,143,144,145,146,147}Ba, ^{143,144,145,146,147,148}La, ^{145,146,147,148,149,150,151}Ce, ^{148,149,150,151,152,153}Pr; measured masses with the Canadian Penning Trap (CPT) mass spectrometer and reviewed the CARIBU Project. Isotopes produced from fission of ^{252}Cf. Comparisons with 1995 and 2003 mass evaluations. JOUR IMSPF 251 252
^{146}La	2006SA56	ATOMIC MASSES ^{141,142,143,144,145,146,147}Ba, ^{143,144,145,146,147,148}La, ^{145,146,147,148,149,150,151}Ce, ^{148,149,150,151,152,153}Pr; measured masses with the Canadian Penning Trap (CPT) mass spectrometer and reviewed the CARIBU Project. Isotopes produced from fission of ^{252}Cf. Comparisons with 1995 and 2003 mass evaluations. JOUR IMSPF 251 252
^{146}Ce	2006SA56	ATOMIC MASSES ^{141,142,143,144,145,146,147}Ba, ^{143,144,145,146,147,148}La, ^{145,146,147,148,149,150,151}Ce, ^{148,149,150,151,152,153}Pr; measured masses with the Canadian Penning Trap (CPT) mass spectrometer and reviewed the CARIBU Project. Isotopes produced from fission of ^{252}Cf. Comparisons with 1995 and 2003 mass evaluations. JOUR IMSPF 251 252
^{146}Pm	2007DAZU	RADIOACTIVITY ^{146}Pm(p); measured Ep, Ip, $T_{1/2}$, pγ coin. ^{146}Pm; deduced levels, J. Fragment Mass Analyzer at ANL, Recoil Decay Tagging technique. CONF Lisbon (PROCON 2007),Proc.P3,Davids
^{146}Sm	2008SIZX	NUCLEAR REACTIONS ^{147}Sm(^{3}He, α), (^{3}He, ^{3}He'γ), E=45 MeV; measured particle spectra, Eγ, Iγ; deduced level densities, radiative strength functions. CONF Crete(FINUSTAR 2),Proc.P425,Siem
	2008SIZY	NUCLEAR REACTIONS ^{147}Sm, ^{164}Dy(^{3}He, ^{3}He'), E=45 MeV; ^{147}Sm, ^{164}Dy(^{3}He, $\alpha\gamma$), E=45 MeV; measured Eγ, Iγ; deduced level densities γ strength functions. CONF Yosemit(CNR 2007) Proc.P65,Siem

A=146 ***(continued)***

^{146}Dy	2007HEZV	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm, ^{113}Xe, ^{111,112,113}I, ^{109,110,111,112}Te, ^{107,109,111}Sb, ^{105,106}Sn, ^{102,103,104,105}In, ^{101,102,103,104}Cd, ^{99,101,103}Ag, ^{89,90,91,92,93,94}Tc, ^{90,91,92,94,96}Ru, ^{92,93,95,96,97,98}Rh; measured masses. SHIPTRAP penning trap spectrometer. CONF Lisbon (PROCON 2007),Proc.P319,Herfurth
	2007RA37	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm; measured masses using the SHIPTRAP penning trap mass spectrometer. Compared results to previous results. JOUR ZSTNE 150 329
^{146}Ho	2007HEZV	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm, ^{113}Xe, ^{111,112,113}I, ^{109,110,111,112}Te, ^{107,109,111}Sb, ^{105,106}Sn, ^{102,103,104,105}In, ^{101,102,103,104}Cd, ^{99,101,103}Ag, ^{89,90,91,92,93,94}Tc, ^{90,91,92,94,96}Ru, ^{92,93,95,96,97,98}Rh; measured masses. SHIPTRAP penning trap spectrometer. CONF Lisbon (PROCON 2007),Proc.P319,Herfurth
	2007RA37	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm; measured masses using the SHIPTRAP penning trap mass spectrometer. Compared results to previous results. JOUR ZSTNE 150 329
	2008RA03	ATOMIC MASSES ^{144,145,146,147}Ho, ^{147,148}Tm; measured masses using the SHIPTRAP penning trap mass spectrometer. JOUR PRLTA 100 012501
^{146}Er	2007HEZV	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm, ^{113}Xe, ^{111,112,113}I, ^{109,110,111,112}Te, ^{107,109,111}Sb, ^{105,106}Sn, ^{102,103,104,105}In, ^{101,102,103,104}Cd, ^{99,101,103}Ag, ^{89,90,91,92,93,94}Tc, ^{90,91,92,94,96}Ru, ^{92,93,95,96,97,98}Rh; measured masses. SHIPTRAP penning trap spectrometer. CONF Lisbon (PROCON 2007),Proc.P319,Herfurth
	2007RA37	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm; measured masses using the SHIPTRAP penning trap mass spectrometer. Compared results to previous results. JOUR ZSTNE 150 329
^{146}Tm	2007BAZQ	NUCLEAR REACTIONS ^{92}Mo(^{54}Fe, n5p)^{140}Eu, E=315 MeV; ^{92}Mo(^{54}Fe, n3p)^{142}Tb, E=250 MeV;^{92}Mo(^{54}Fe, np)^{144}Ho, E=225 MeV; ^{92}Mo(^{58}Ni, 3np)^{146}Tm, E=297 MeV; measured Eγ, Iγ, $\gamma\gamma$ coin, ce, $\gamma\gamma$(t). ^{140}Eu; deduced $T_{1/2}$, levels, J, π. ^{142}Tb; deduced $T_{1/2}$, levels, J, π. ^{144}Ho; deduced $T_{1/2}$, levels, J, π. CONF Lisbon (PROCON 2007),Proc.P291,Batchelder
	2007BAZQ	RADIOACTIVITY ^{146}Tm(β^+p); measured β^+, charged particle spectra; ^{11}Be; deduced three body break-up excited state through ^{10}Be state. CONF Lisbon (PROCON 2007),Proc.P291,Batchelder
	2007MAZA	RADIOACTIVITY ^{146}Tm(p); measured Ep, Ip, $T_{1/2}$; ^{146}Tm; deduced levels. ^{145}Er; deduced levels, J, π. CONF Lisbon (PROCON 2007),Proc.P224,Madurga

A=147

^{147}Cs	2008WE02	ATOMIC MASSES ^{145,147}Cs, ^{181,183,186,187,196,205}Tl, ^{197,208}Pb, ^{190,191,192,193,194,195,196,197,209,215,216}Bi, ^{203,205,229}Fr, ^{214,229,230}Ra; measured masses using the ISOLTRAP Penning trap mass spectrometer. JOUR NUPAB 803 1
^{147}Ba	2006SA56	ATOMIC MASSES ^{141,142,143,144,145,146,147}Ba, ^{143,144,145,146,147,148}La, ^{145,146,147,148,149,150,151}Ce, ^{148,149,150,151,152,153}Pr; measured masses with the Canadian Penning Trap (CPT) mass spectrometer and reviewed the CARIBU Project. Isotopes produced from fission of ^{252}Cf. Comparisons with 1995 and 2003 mass evaluations. JOUR IMSPF 251 252
^{147}La	2006SA56	ATOMIC MASSES ^{141,142,143,144,145,146,147}Ba, ^{143,144,145,146,147,148}La, ^{145,146,147,148,149,150,151}Ce, ^{148,149,150,151,152,153}Pr; measured masses with the Canadian Penning Trap (CPT) mass spectrometer and reviewed the CARIBU Project. Isotopes produced from fission of ^{252}Cf. Comparisons with 1995 and 2003 mass evaluations. JOUR IMSPF 251 252
^{147}Ce	2006SA56	ATOMIC MASSES ^{141,142,143,144,145,146,147}Ba, ^{143,144,145,146,147,148}La, ^{145,146,147,148,149,150,151}Ce, ^{148,149,150,151,152,153}Pr; measured masses with the Canadian Penning Trap (CPT) mass spectrometer and reviewed the CARIBU Project. Isotopes produced from fission of ^{252}Cf. Comparisons with 1995 and 2003 mass evaluations. JOUR IMSPF 251 252
^{147}Nd	2008HA04	NUCLEAR REACTIONS ^{148,150}Nd, ^{154}Sm, ^{154,160}Gd(γ, n), E=7450-9800 keV [from Cu(e, γ)]; measured Eγ, Iγ, photon flux, normalization, cross section; deduced reaction rates. JOUR PRVCA 77 015803
^{147}Sm	2008SIZX	NUCLEAR REACTIONS ^{147}Sm(^{3}He, α), (^{3}He, ^{3}He'γ), E=45 MeV; measured particle spectra, Eγ, Iγ; deduced level densities, radiative strength functions. CONF Crete(FINUSTAR 2),Proc.P425,Siem
	2008SIZY	NUCLEAR REACTIONS ^{147}Sm, ^{164}Dy(^{3}He, ^{3}He'), E=45 MeV; ^{147}Sm, ^{164}Dy(^{3}He, $\alpha\gamma$), E=45 MeV; measured Eγ, Iγ; deduced level densities γ strength functions. CONF Yosemit(CNR 2007) Proc.P65,Siem
^{147}Gd	2007PO13	RADIOACTIVITY ^{147}Gd, ^{148}Tb, ^{204}Pt(IT); measured delayed Eγ, Iγ from isomer decays. JOUR ZSTNE 150 165
^{147}Tb	2007HEZV	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm, ^{113}Xe, ^{111,112,113}I, ^{109,110,111,112}Te, ^{107,109,111}Sb, ^{105,106}Sn, ^{102,103,104,105}In, ^{101,102,103,104}Cd, ^{99,101,103}Ag, ^{89,90,91,92,93,94}Tc, ^{90,91,92,94,96}Ru, ^{92,93,95,96,97,98}Rh; measured masses. SHIPTRAP penning trap spectrometer. CONF Lisbon (PROCON 2007),Proc.P319,Herfurth
	2007RA37	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm; measured masses using the SHIPTRAP penning trap mass spectrometer. Compared results to previous results. JOUR ZSTNE 150 329
^{147}Dy	2006BO41	ATOMIC MASSES ^{140}Pr, ^{140}Ce, ^{147,147m}Dy; A=144-207; reviewed Shottky and mass spectra. JOUR IMSPF 251 212

A=147 ***(continued)***

	2007HEZV	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm, ^{113}Xe, ^{111,112,113}I, ^{109,110,111,112}Te, ^{107,109,111}Sb, ^{105,106}Sn, ^{102,103,104,105}In, ^{101,102,103,104}Cd, ^{99,101,103}Ag, ^{89,90,91,92,93,94}Tc, ^{90,91,92,94,96}Ru, ^{92,93,95,96,97,98}Rh; measured masses. SHIPTRAP penning trap spectrometer. CONF Lisbon (PROCON 2007),Proc.P319,Herfurth
	2007RA37	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm; measured masses using the SHIPTRAP penning trap mass spectrometer. Compared results to previous results. JOUR ZSTNE 150 329
^{147}Ho	2006RA38	ATOMIC MASSES ^{147,148}Er, ^{147}Ho; measured masses and time of flight using the Penning-trap mass spectrometer SHIPTRAP. Nuclides produced at SHIP facility. JOUR IMSPF 251 146
	2007HEZV	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm, ^{113}Xe, ^{111,112,113}I, ^{109,110,111,112}Te, ^{107,109,111}Sb, ^{105,106}Sn, ^{102,103,104,105}In, ^{101,102,103,104}Cd, ^{99,101,103}Ag, ^{89,90,91,92,93,94}Tc, ^{90,91,92,94,96}Ru, ^{92,93,95,96,97,98}Rh; measured masses. SHIPTRAP penning trap spectrometer. CONF Lisbon (PROCON 2007),Proc.P319,Herfurth
	2007RA37	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm; measured masses using the SHIPTRAP penning trap mass spectrometer. Compared results to previous results. JOUR ZSTNE 150 329
	2008RA03	ATOMIC MASSES ^{144,145,146,147}Ho, ^{147,148}Tm; measured masses using the SHIPTRAP penning trap mass spectrometer. JOUR PRLTA 100 012501
^{147}Er	2006RA38	ATOMIC MASSES ^{147,148}Er, ^{147}Ho; measured masses and time of flight using the Penning-trap mass spectrometer SHIPTRAP. Nuclides produced at SHIP facility. JOUR IMSPF 251 146
	2007HEZV	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm, ^{113}Xe, ^{111,112,113}I, ^{109,110,111,112}Te, ^{107,109,111}Sb, ^{105,106}Sn, ^{102,103,104,105}In, ^{101,102,103,104}Cd, ^{99,101,103}Ag, ^{89,90,91,92,93,94}Tc, ^{90,91,92,94,96}Ru, ^{92,93,95,96,97,98}Rh; measured masses. SHIPTRAP penning trap spectrometer. CONF Lisbon (PROCON 2007),Proc.P319,Herfurth
	2007RA37	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm; measured masses using the SHIPTRAP penning trap mass spectrometer. Compared results to previous results. JOUR ZSTNE 150 329
^{147}Tm	2007HEZV	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm, ^{113}Xe, ^{111,112,113}I, ^{109,110,111,112}Te, ^{107,109,111}Sb, ^{105,106}Sn, ^{102,103,104,105}In, ^{101,102,103,104}Cd, ^{99,101,103}Ag, ^{89,90,91,92,93,94}Tc, ^{90,91,92,94,96}Ru, ^{92,93,95,96,97,98}Rh; measured masses. SHIPTRAP penning trap spectrometer. CONF Lisbon (PROCON 2007),Proc.P319,Herfurth
	2007RA37	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm; measured masses using the SHIPTRAP penning trap mass spectrometer. Compared results to previous results. JOUR ZSTNE 150 329

A=147 *(continued)*

2008RA03 ATOMIC MASSES ^{144,145,146,147}Ho, ^{147,148}Tm; measured masses using the SHIPTRAP penning trap mass spectrometer. JOUR PRLTA 100 012501

A=148

^{148}La 2006SA56 ATOMIC MASSES ^{141,142,143,144,145,146,147}Ba, ^{143,144,145,146,147,148}La, ^{145,146,147,148,149,150,151}Ce, ^{148,149,150,151,152,153}Pr; measured masses with the Canadian Penning Trap (CPT) mass spectrometer and reviewed the CARIBU Project. Isotopes produced from fission of ^{252}Cf. Comparisons with 1995 and 2003 mass evaluations. JOUR IMSPF 251 252

^{148}Ce 2006SA56 ATOMIC MASSES ^{141,142,143,144,145,146,147}Ba, ^{143,144,145,146,147,148}La, ^{145,146,147,148,149,150,151}Ce, ^{148,149,150,151,152,153}Pr; measured masses with the Canadian Penning Trap (CPT) mass spectrometer and reviewed the CARIBU Project. Isotopes produced from fission of ^{252}Cf. Comparisons with 1995 and 2003 mass evaluations. JOUR IMSPF 251 252

^{148}Pr 2006SA56 ATOMIC MASSES ^{141,142,143,144,145,146,147}Ba, ^{143,144,145,146,147,148}La, ^{145,146,147,148,149,150,151}Ce, ^{148,149,150,151,152,153}Pr; measured masses with the Canadian Penning Trap (CPT) mass spectrometer and reviewed the CARIBU Project. Isotopes produced from fission of ^{252}Cf. Comparisons with 1995 and 2003 mass evaluations. JOUR IMSPF 251 252

^{148}Sm 2008FI08 NUCLEAR REACTIONS ^{144}Nd, ^{148}Sm(^{48}Ti, ^{48}Ti'), E=130 MeV; measured Eγ, Iγ, σ; deduced B(E2) ratios. Coulomb excitation. JOUR PRVCA 78 034309

^{148}Tb 2007PO13 RADIOACTIVITY ^{147}Gd, ^{148}Tb, ^{204}Pt(IT); measured delayed Eγ, Iγ from isomer decays. JOUR ZSTNE 150 165

^{148}Dy 2007HEZV ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm, ^{113}Xe, ^{111,112,113}I, ^{109,110,111,112}Te, ^{107,109,111}Sb, ^{105,106}Sn, ^{102,103,104,105}In, ^{101,102,103,104}Cd, ^{99,101,103}Ag, ^{89,90,91,92,93,94}Tc, ^{90,91,92,94,96}Ru, ^{92,93,95,96,97,98}Rh; measured masses. SHIPTRAP penning trap spectrometer. CONF Lisbon (PROCON 2007),Proc.P319,Herfurth

2007RA37 ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm; measured masses using the SHIPTRAP penning trap mass spectrometer. Compared results to previous results. JOUR ZSTNE 150 329

2008RI05 NUCLEAR REACTIONS ^{92}Mo(^{54}Fe, X)^{136}Pm / ^{137}Pm / ^{136}Sm / ^{137}Sm / ^{138}Sm / ^{137}Eu / ^{139}Eu / ^{138}Gd / ^{139}Gd / ^{140}Gd, E=315 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives. ^{136}Pm; deduced levels, bands, (Bλ). ^{144}Gd, ^{148}Dy, ^{138}Pm, ^{140}Eu, ^{142}Tb, ^{144}Ho, ^{133}Cs, ^{134,135}Te, ^{133}La, ^{136}Pr, ^{136}I; systematics of B(E1), B(E2), B(M1). JOUR PRVCA 78 034304

A=148 ***(continued)***

^{148}Ho	2007HEZV	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm, ^{113}Xe, ^{111,112,113}I, ^{109,110,111,112}Te, ^{107,109,111}Sb, ^{105,106}Sn, ^{102,103,104,105}In, ^{101,102,103,104}Cd, ^{99,101,103}Ag, ^{89,90,91,92,93,94}Tc, ^{90,91,92,94,96}Ru, ^{92,93,95,96,97,98}Rh; measured masses. SHIPTRAP penning trap spectrometer. CONF Lisbon (PROCON 2007),Proc.P319,Herfurth
	2007RA37	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm; measured masses using the SHIPTRAP penning trap mass spectrometer. Compared results to previous results. JOUR ZSTNE 150 329
^{148}Er	2006RA38	ATOMIC MASSES ^{147,148}Er, ^{147}Ho; measured masses and time of flight using the Penning-trap mass spectrometer SHIPTRAP. Nuclides produced at SHIP facility. JOUR IMSPF 251 146
	2007HEZV	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm, ^{113}Xe, ^{111,112,113}I, ^{109,110,111,112}Te, ^{107,109,111}Sb, ^{105,106}Sn, ^{102,103,104,105}In, ^{101,102,103,104}Cd, ^{99,101,103}Ag, ^{89,90,91,92,93,94}Tc, ^{90,91,92,94,96}Ru, ^{92,93,95,96,97,98}Rh; measured masses. SHIPTRAP penning trap spectrometer. CONF Lisbon (PROCON 2007),Proc.P319,Herfurth
	2007RA37	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm; measured masses using the SHIPTRAP penning trap mass spectrometer. Compared results to previous results. JOUR ZSTNE 150 329
^{148}Tm	2007HEZV	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm, ^{113}Xe, ^{111,112,113}I, ^{109,110,111,112}Te, ^{107,109,111}Sb, ^{105,106}Sn, ^{102,103,104,105}In, ^{101,102,103,104}Cd, ^{99,101,103}Ag, ^{89,90,91,92,93,94}Tc, ^{90,91,92,94,96}Ru, ^{92,93,95,96,97,98}Rh; measured masses. SHIPTRAP penning trap spectrometer. CONF Lisbon (PROCON 2007),Proc.P319,Herfurth
	2007RA37	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm; measured masses using the SHIPTRAP penning trap mass spectrometer. Compared results to previous results. JOUR ZSTNE 150 329
	2008RA03	ATOMIC MASSES ^{144,145,146,147}Ho, ^{147,148}Tm; measured masses using the SHIPTRAP penning trap mass spectrometer. JOUR PRLTA 100 012501

A=149

^{149}Ce	2006SA56	ATOMIC MASSES ^{141,142,143,144,145,146,147}Ba, ^{143,144,145,146,147,148}La, ^{145,146,147,148,149,150,151}Ce, ^{148,149,150,151,152,153}Pr; measured masses with the Canadian Penning Trap (CPT) mass spectrometer and reviewed the CARIBU Project. Isotopes produced from fission of ^{252}Cf. Comparisons with 1995 and 2003 mass evaluations. JOUR IMSPF 251 252

A=149 *(continued)*

^{149}Pr	2006SA56	ATOMIC MASSES ^{141,142,143,144,145,146,147}Ba, ^{143,144,145,146,147,148}La, ^{145,146,147,148,149,150,151}Ce, ^{148,149,150,151,152,153}Pr; measured masses with the Canadian Penning Trap (CPT) mass spectrometer and reviewed the CARIBU Project. Isotopes produced from fission of ^{252}Cf. Comparisons with 1995 and 2003 mass evaluations. JOUR IMSPF 251 252
^{149}Nd	2008HA04	NUCLEAR REACTIONS ^{148,150}Nd, ^{154}Sm, ^{154,160}Gd(γ, n), E=7450-9800 keV [from Cu(e, γ)]; measured Eγ, Iγ, photon flux, normalization, cross section; deduced reaction rates. JOUR PRVCA 77 015803
	2008JA01	NUCLEAR REACTIONS ^{148}Nd(d, p), E=12.1 MeV; ^{150}Nd(d, t), E=12.1 MeV; measured reaction product spectra and angular distributions, cross sections. ^{149}Nd; deduced levels, J, π. DWBA analysis. JOUR APOBB 39 695
^{149}Gd	2008RO23	NUCLEAR REACTIONS ^{130}Te(^{27}Al, 6n), E=155 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{151}Tb; deduced levels, J, π, superdeformed bands. ^{149}Gd, ^{152}Dy; systematics of deformed bands. JOUR PRVCA 78 034319

A=150

^{150}Ce	2006SA56	ATOMIC MASSES ^{141,142,143,144,145,146,147}Ba, ^{143,144,145,146,147,148}La, ^{145,146,147,148,149,150,151}Ce, ^{148,149,150,151,152,153}Pr; measured masses with the Canadian Penning Trap (CPT) mass spectrometer and reviewed the CARIBU Project. Isotopes produced from fission of ^{252}Cf. Comparisons with 1995 and 2003 mass evaluations. JOUR IMSPF 251 252
^{150}Pr	2006SA56	ATOMIC MASSES ^{141,142,143,144,145,146,147}Ba, ^{143,144,145,146,147,148}La, ^{145,146,147,148,149,150,151}Ce, ^{148,149,150,151,152,153}Pr; measured masses with the Canadian Penning Trap (CPT) mass spectrometer and reviewed the CARIBU Project. Isotopes produced from fission of ^{252}Cf. Comparisons with 1995 and 2003 mass evaluations. JOUR IMSPF 251 252
^{150}Sm	2007ZIZX	NUCLEAR REACTIONS ^{48}Ti, Se, ^{76}Se, Kr, ^{82}Kr, Cd, ^{106}Cd, Sm, ^{150}Sm(μ, ν), E not given; measured Eγ, Iγ, X-ray energies and intensities; deduced total and partial μ capture rates, yields of radioactive daughter nuclei. CONF Prague (MEDEX'07),Proc.P91,Zinatulina
	2008DAZZ	NUCLEAR REACTIONS ^{150}Sm(n, n'γ), E=1-35 MeV; measured Eγ, Iγ, σ; deduced spin cut-off and spin distribution in continuum. comparison with model calculations. CONF Yosemit(CNR 2007) Proc.P164,Dashdorj

A=150 ***(continued)***

^{150}Dy	2008LI23	NUCLEAR REACTIONS ^{144}Sm(^{16}O, 4n), E=102 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular distributions. ^{156}Yb; deduced levels, J, π, bands; calculated deformation parameters. ^{150,152,154,156,158,160,162,164,166,168,170}Dy, ^{152,154,156,158,160,162,164,166,168,170,172}Er, ^{154,156,158,160,162,164,166,168,170,172,174}Yb, ^{156,158,160,162,164,166,168,170,172,174,176,178,180}Hf; discussed level systematics. Comparison with cranked Woods-Saxon-Strutinsky model. JOUR PRVCA 77 064323
^{150}Yb	2007LIZR	RADIOACTIVITY ^{151}Lu(p) [from ^{96}Ru(^{58}Ni, p2n), E=256 MeV]; measured Eγ, Iγ, $\gamma\gamma$ coin. ^{151}Lu; deduced levels, J, π. CONF Lisbon (PROCON 2007),Proc.P34,Liu

A=151

^{151}Ce	2006SA56	ATOMIC MASSES ^{141,142,143,144,145,146,147}Ba, ^{143,144,145,146,147,148}La, ^{145,146,147,148,149,150,151}Ce, ^{148,149,150,151,152,153}Pr; measured masses with the Canadian Penning Trap (CPT) mass spectrometer and reviewed the CARIBU Project. Isotopes produced from fission of ^{252}Cf. Comparisons with 1995 and 2003 mass evaluations. JOUR IMSPF 251 252
^{151}Pr	2006SA56	ATOMIC MASSES ^{141,142,143,144,145,146,147}Ba, ^{143,144,145,146,147,148}La, ^{145,146,147,148,149,150,151}Ce, ^{148,149,150,151,152,153}Pr; measured masses with the Canadian Penning Trap (CPT) mass spectrometer and reviewed the CARIBU Project. Isotopes produced from fission of ^{252}Cf. Comparisons with 1995 and 2003 mass evaluations. JOUR IMSPF 251 252
^{151}Tb	2008LE21	NUCLEAR REACTIONS ^{130}Te(^{27}Al, 6n), E=155 MeV; ^{170}Er(^{30}Si, 4n), E=148 MeV; measured Eγ, Iγ, $\gamma\gamma$ coin. Compared results to model calculations. Continuum γ transitions for Superdeformed nuclei. JOUR PRLTA 101 142502
	2008LEZX	NUCLEAR REACTIONS ^{150}Nd(^{18}O, 5n), E=87, 93 MeV; ^{130}Te(^{27}Al, 6n), E=155 MeV; ^{170}Er(^{30}Si, 4n), E=150 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin; ^{163}Er, ^{151}Tb, ^{196}Pb; deduced band structure. CONF Crete(FINUSTAR 2),Proc.P11,Leoni
	2008RO02	NUCLEAR REACTIONS ^{130}Te(^{27}Al, xn), E=155 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{151,152}Tb; deduced levels, J, π, superdeformed bands, dynamical moments, configurations; calculated single-particle energy levels. Compared with calculations and superdeformed bands in ^{150}Tb, ^{152}Dy. JOUR PRVCA 77 014308
	2008RO23	NUCLEAR REACTIONS ^{130}Te(^{27}Al, 6n), E=155 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{151}Tb; deduced levels, J, π, superdeformed bands. ^{149}Gd, ^{152}Dy; systematics of deformed bands. JOUR PRVCA 78 034319
^{151}Lu	2007LIZR	RADIOACTIVITY ^{151}Lu(p) [from ^{96}Ru(^{58}Ni, p2n), E=256 MeV]; measured Eγ, Iγ, $\gamma\gamma$ coin. ^{151}Lu; deduced levels, J, π. CONF Lisbon (PROCON 2007),Proc.P34,Liu

A=152

^{152}Pr	2006SA56	ATOMIC MASSES ^{141,142,143,144,145,146,147}Ba, ^{143,144,145,146,147,148}La, ^{145,146,147,148,149,150,151}Ce, ^{148,149,150,151,152,153}Pr; measured masses with the Canadian Penning Trap (CPT) mass spectrometer and reviewed the CARIBU Project. Isotopes produced from fission of ^{252}Cf. Comparisons with 1995 and 2003 mass evaluations. JOUR IMSPF 251 252
^{152}Sm	2008KU10	NUCLEAR REACTIONS ^{152}Sm(n, n'γ), E=1.6-3.0 MeV; ^{208}Pb(^{152}Sm, ^{152}Sm'), E=652 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular distributions, excitation functions. ^{152}Sm; deduced levels, J, π, half-lives, B(E2). JOUR PRVCA 77 061301
^{152}Tb	2008RO02	NUCLEAR REACTIONS ^{130}Te(^{27}Al, xn), E=155 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{151,152}Tb; deduced levels, J, π, superdeformed bands, dynamical moments, configurations; calculated single-particle energy levels. Compared with calculations and superdeformed bands in ^{150}Tb, ^{152}Dy. JOUR PRVCA 77 014308
^{152}Dy	2008LI23	NUCLEAR REACTIONS ^{144}Sm(^{16}O, 4n), E=102 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular distributions. ^{156}Yb; deduced levels, J, π, bands; calculated deformation parameters. ^{150,152,154,156,158,160,162,164,166,168,170}Dy, ^{152,154,156,158,160,162,164,166,168,170,172}Er, ^{154,156,158,160,162,164,166,168,170,172,174}Yb, ^{156,158,160,162,164,166,168,170,172,174,176,178,180}Hf; discussed level systematics. Comparison with cranked Woods-Saxon-Strutinsky model. JOUR PRVCA 77 064323
	2008RO23	NUCLEAR REACTIONS ^{130}Te(^{27}Al, 6n), E=155 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{151}Tb; deduced levels, J, π, superdeformed bands. ^{149}Gd, ^{152}Dy; systematics of deformed bands. JOUR PRVCA 78 034319
^{152}Er	2008LI23	NUCLEAR REACTIONS ^{144}Sm(^{16}O, 4n), E=102 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular distributions. ^{156}Yb; deduced levels, J, π, bands; calculated deformation parameters. ^{150,152,154,156,158,160,162,164,166,168,170}Dy, ^{152,154,156,158,160,162,164,166,168,170,172}Er, ^{154,156,158,160,162,164,166,168,170,172,174}Yb, ^{156,158,160,162,164,166,168,170,172,174,176,178,180}Hf; discussed level systematics. Comparison with cranked Woods-Saxon-Strutinsky model. JOUR PRVCA 77 064323

A=153

^{153}Pr	2006SA56	ATOMIC MASSES ^{141,142,143,144,145,146,147}Ba, ^{143,144,145,146,147,148}La, ^{145,146,147,148,149,150,151}Ce, ^{148,149,150,151,152,153}Pr; measured masses with the Canadian Penning Trap (CPT) mass spectrometer and reviewed the CARIBU Project. Isotopes produced from fission of ^{252}Cf. Comparisons with 1995 and 2003 mass evaluations. JOUR IMSPF 251 252
^{153}Nd	2008HW02	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin. ^{153,155}Nd; deduced levels, configurations, rotational bands. JOUR PRVCA 78 014309

A=153 ***(continued)***

^{153}Sm	2008HA04	NUCLEAR REACTIONS ^{148,150}Nd, ^{154}Sm, ^{154,160}Gd(γ, n), E=7450-9800 keV [from Cu(e, γ)]; measured Eγ, Iγ, photon flux, normalization, cross section; deduced reaction rates. JOUR PRVCA 77 015803
	2008TAZY	NUCLEAR REACTIONS ^{139}La, ^{152}Sm, ^{191,193}Ir(n, γ), E=55, 144 keV; measured Eγ, Iγ, cross sections. REPT JAEA-Conf 2008-006,P40,Tan
	2008UD06	NUCLEAR REACTIONS ^{152,154}Sm(n, γ), E=0.0536 eV; measured Eγ, Iγ, cross sections using activation technique. Compared results to evaluated databases. JOUR NIMBE 266 4855
^{153}Gd	2008HA04	NUCLEAR REACTIONS ^{148,150}Nd, ^{154}Sm, ^{154,160}Gd(γ, n), E=7450-9800 keV [from Cu(e, γ)]; measured Eγ, Iγ, photon flux, normalization, cross section; deduced reaction rates. JOUR PRVCA 77 015803
^{153}Tm	2008TE07	NUCLEAR REACTIONS ^{128}Te(^{37}Cl, 5n), (^{37}Cl, 4n), E=170 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{160,161}Tm; deduced levels, J, π, triaxial strongly-deformed bands(TSD), moments of inertia. ^{154,157}Er, ^{163}Lu, ^{153,163}Tm; systematics of bands. Comparison with potential energy surfaces calculated using cranked Nilsson Strutinsky calculations. Superdeformation. JOUR PRVCA 78 017305
^{153}Yb	2007CUZZ	NUCLEAR REACTIONS ^{92}Mo(^{64}Zn, X)^{153}Yb, E=280 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{153}Yb; deduced $T_{1/2}$. CONF Lisbon (PROCON 2007),Proc.P278,Cullen

A=154

^{154}Sm	2008EV01	NUCLEAR REACTIONS ^{144,154}Sm, ^{166}Er, ^{186}W, ^{197}Au, ^{208}Pb(^{16}O, ^{16}O), E=17-26 MeV; measured yields, $\sigma(\theta)$, diffuseness parameter. Coupled-channel calculations. JOUR PRVCA 78 034614
^{154}Gd	2008SCZZ	NUCLEAR REACTIONS ^{154,156,158}Gd(p, pγ), E=22 MeV; measured Eγ, Iγ, pγ-coin; ^{153}Gd(n, γ); deduced cross sections using the surrogate method. CONF Yosemite(CNR 2007) Proc.P109,Scielzo
^{154}Dy	2008LI23	NUCLEAR REACTIONS ^{144}Sm(^{16}O, 4n), E=102 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular distributions. ^{156}Yb; deduced levels, J, π, bands; calculated deformation parameters. ^{150,152,154,156,158,160,162,164,166,168,170}Dy, ^{152,154,156,158,160,162,164,166,168,170,172}Er, ^{154,156,158,160,162,164,166,168,170,172,174}Yb, ^{156,158,160,162,164,166,168,170,172,174,176,178,180}Hf; discussed level systematics. Comparison with cranked Woods-Saxon-Strutinsky model. JOUR PRVCA 77 064323

A=154 *(continued)*

^{154}Er	2008LI23	NUCLEAR REACTIONS ^{144}Sm(^{16}O, 4n), E=102 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular distributions. ^{156}Yb; deduced levels, J, π, bands; calculated deformation parameters. ^{150,152,154,156,158,160,162,164,166,168,170}Dy, ^{152,154,156,158,160,162,164,166,168,170,172}Er, ^{154,156,158,160,162,164,166,168,170,172,174}Yb, ^{156,158,160,162,164,166,168,170,172,174,176,178,180}Hf; discussed level systematics. Comparison with cranked Woods-Saxon-Strutinsky model. JOUR PRVCA 77 064323
	2008TE07	NUCLEAR REACTIONS ^{128}Te(^{37}Cl, 5n), (^{37}Cl, 4n), E=170 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{160,161}Tm; deduced levels, J, π, triaxial strongly-deformed bands(TSD), moments of inertia. ^{154,157}Er, ^{163}Lu, ^{153,163}Tm; systematics of bands. Comparison with potential energy surfaces calculated using cranked Nilsson Strutinsky calculations. Superdeformation. JOUR PRVCA 78 017305
^{154}Yb	2008LI23	NUCLEAR REACTIONS ^{144}Sm(^{16}O, 4n), E=102 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular distributions. ^{156}Yb; deduced levels, J, π, bands; calculated deformation parameters. ^{150,152,154,156,158,160,162,164,166,168,170}Dy, ^{152,154,156,158,160,162,164,166,168,170,172}Er, ^{154,156,158,160,162,164,166,168,170,172,174}Yb, ^{156,158,160,162,164,166,168,170,172,174,176,178,180}Hf; discussed level systematics. Comparison with cranked Woods-Saxon-Strutinsky model. JOUR PRVCA 77 064323
^{154}Hf	2007PAZT	RADIOACTIVITY ^{159}Re(p), (α), ^{155}Ta(p) [^{159}Re from ^{106}Cd(^{58}Ni, p4n), E=300 MeV]; measured Eα, Iα, Ep, Ip, branching ratio, $T_{1/2}$. ^{159}Re, ^{154}Hf; deduced $T_{1/2}$. CONF Lisbon (PROCON 2007),Proc.P137,Page

A=155

^{155}Nd	2008HW02	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin. ^{153,155}Nd; deduced levels, configurations, rotational bands. JOUR PRVCA 78 014309
^{155}Sm	2008UD06	NUCLEAR REACTIONS ^{152,154}Sm(n, γ), E=0.0536 eV; measured Eγ, Iγ, cross sections using activation technique. Compared results to evaluated databases. JOUR NIMBE 266 4855
^{155}Ta	2007JOZX	RADIOACTIVITY ^{159}Re(p), (α) [from ^{106}Cd(^{58}Ni, 4pn), E=300 MeV]; measured Ep, Ip, Eα, Iα, $T_{1/2}$; ^{159}Re; deduced p-decay, α-decay, branching, partial $T_{1/2}$. CONF Lisbon (PROCON 2007),Proc.P28,Joss
	2007PAZT	RADIOACTIVITY ^{159}Re(p), (α), ^{155}Ta(p) [^{159}Re from ^{106}Cd(^{58}Ni, p4n), E=300 MeV]; measured Eα, Iα, Ep, Ip, branching ratio, $T_{1/2}$. ^{159}Re, ^{154}Hf; deduced $T_{1/2}$. CONF Lisbon (PROCON 2007),Proc.P137,Page

A=156

^{156}Gd 2008SCZZ NUCLEAR REACTIONS ^{154,156,158}Gd(p, pγ), E=22 MeV; measured Eγ, Iγ, pγ-coin; ^{153}Gd(n, γ); deduced cross sections using the surrogate method. CONF Yosemite(CNR 2007) Proc.P109,Scielzo

^{156}Dy 2008LI23 NUCLEAR REACTIONS ^{144}Sm(^{16}O, 4n), E=102 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular distributions. ^{156}Yb; deduced levels, J, π, bands; calculated deformation parameters. ^{150,152,154,156,158,160,162,164,166,168,170}Dy, ^{152,154,156,158,160,162,164,166,168,170,172}Er, ^{154,156,158,160,162,164,166,168,170,172,174}Yb, ^{156,158,160,162,164,166,168,170,172,174,176,178,180}Hf; discussed level systematics. Comparison with cranked Woods-Saxon-Strutinsky model. JOUR PRVCA 77 064323

^{156}Er 2008LI23 NUCLEAR REACTIONS ^{144}Sm(^{16}O, 4n), E=102 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular distributions. ^{156}Yb; deduced levels, J, π, bands; calculated deformation parameters. ^{150,152,154,156,158,160,162,164,166,168,170}Dy, ^{152,154,156,158,160,162,164,166,168,170,172}Er, ^{154,156,158,160,162,164,166,168,170,172,174}Yb, ^{156,158,160,162,164,166,168,170,172,174,176,178,180}Hf; discussed level systematics. Comparison with cranked Woods-Saxon-Strutinsky model. JOUR PRVCA 77 064323

^{156}Yb 2008LI23 NUCLEAR REACTIONS ^{144}Sm(^{16}O, 4n), E=102 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular distributions. ^{156}Yb; deduced levels, J, π, bands; calculated deformation parameters. ^{150,152,154,156,158,160,162,164,166,168,170}Dy, ^{152,154,156,158,160,162,164,166,168,170,172}Er, ^{154,156,158,160,162,164,166,168,170,172,174}Yb, ^{156,158,160,162,164,166,168,170,172,174,176,178,180}Hf; discussed level systematics. Comparison with cranked Woods-Saxon-Strutinsky model. JOUR PRVCA 77 064323

^{156}Hf 2008LI23 NUCLEAR REACTIONS ^{144}Sm(^{16}O, 4n), E=102 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular distributions. ^{156}Yb; deduced levels, J, π, bands; calculated deformation parameters. ^{150,152,154,156,158,160,162,164,166,168,170}Dy, ^{152,154,156,158,160,162,164,166,168,170,172}Er, ^{154,156,158,160,162,164,166,168,170,172,174}Yb, ^{156,158,160,162,164,166,168,170,172,174,176,178,180}Hf; discussed level systematics. Comparison with cranked Woods-Saxon-Strutinsky model. JOUR PRVCA 77 064323

A=157

^{157}Er 2008AG04 NUCLEAR REACTIONS ^{120}Sn(^{44}Ca, 4n), E=210 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin; calculated potential energy surfaces; ^{160}Yb; deduced excitation energies, configurations, high-spin rotational bands, triaxial strongly-deformed bands. ^{157,158}Er, ^{161}Lu; systematics, comparison with theory. JOUR PRVCA 77 021302

A=157 ***(continued)***

2008TE07 NUCLEAR REACTIONS ^{128}Te(^{37}Cl, 5n), (^{37}Cl, 4n), E=170 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{160,161}Tm; deduced levels, J, π, triaxial strongly-deformed bands(TSD), moments of inertia. ^{154,157}Er, ^{163}Lu, ^{153,163}Tm; systematics of bands. Comparison with potential energy surfaces calculated using cranked Nilsson Strutinsky calculations. Superdeformation. JOUR PRVCA 78 017305

A=158

^{158}Pm 2007HA57 RADIOACTIVITY ^{158,159}Pm, ^{159,161}Sm, ^{160,161,162,163,164,165}Eu, ^{163}Gd, ^{166}Tb(β^-) [from ^{238}U(p, F), E=24 MeV and subsequent decay]; measured Eγ, Iγ, Eβ, Iβ; deduced Qβ, mass excess and two-neutron separation energies. Mass separator. JOUR ZAANE 34 363

^{158}Sm 2007HA57 RADIOACTIVITY ^{158,159}Pm, ^{159,161}Sm, ^{160,161,162,163,164,165}Eu, ^{163}Gd, ^{166}Tb(β^-) [from ^{238}U(p, F), E=24 MeV and subsequent decay]; measured Eγ, Iγ, Eβ, Iβ; deduced Qβ, mass excess and two-neutron separation energies. Mass separator. JOUR ZAANE 34 363

^{158}Gd 2008SCZZ NUCLEAR REACTIONS ^{154,156,158}Gd(p, pγ), E=22 MeV; measured Eγ, Iγ, pγ-coin; ^{153}Gd(n, γ); deduced cross sections using the surrogate method. CONF Yosemite(CNR 2007) Proc.P109,Scielzo

^{158}Dy 2008LI23 NUCLEAR REACTIONS ^{144}Sm(^{16}O, 4n), E=102 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular distributions. ^{156}Yb; deduced levels, J, π, bands; calculated deformation parameters. ^{150,152,154,156,158,160,162,164,166,168,170}Dy, ^{152,154,156,158,160,162,164,166,168,170,172}Er, ^{154,156,158,160,162,164,166,168,170,172,174}Yb, ^{156,158,160,162,164,166,168,170,172,174,176,178,180}Hf; discussed level systematics. Comparison with cranked Woods-Saxon-Strutinsky model. JOUR PRVCA 77 064323

^{158}Er 2008AG04 NUCLEAR REACTIONS ^{120}Sn(^{44}Ca, 4n), E=210 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin; calculated potential energy surfaces; ^{160}Yb; deduced excitation energies, configurations, high-spin rotational bands, triaxial strongly-deformed bands. ^{157,158}Er, ^{161}Lu; systematics, comparison with theory. JOUR PRVCA 77 021302

2008LI23 NUCLEAR REACTIONS ^{144}Sm(^{16}O, 4n), E=102 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular distributions. ^{156}Yb; deduced levels, J, π, bands; calculated deformation parameters. ^{150,152,154,156,158,160,162,164,166,168,170}Dy, ^{152,154,156,158,160,162,164,166,168,170,172}Er, ^{154,156,158,160,162,164,166,168,170,172,174}Yb, ^{156,158,160,162,164,166,168,170,172,174,176,178,180}Hf; discussed level systematics. Comparison with cranked Woods-Saxon-Strutinsky model. JOUR PRVCA 77 064323

A=158 ***(continued)***

^{158}Yb	2008LI23	NUCLEAR REACTIONS ^{144}Sm(^{16}O, 4n), E=102 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular distributions. ^{156}Yb; deduced levels, J, π, bands; calculated deformation parameters. ^{150,152,154,156,158,160,162,164,166,168,170}Dy, ^{152,154,156,158,160,162,164,166,168,170,172}Er, ^{154,156,158,160,162,164,166,168,170,172,174}Yb, ^{156,158,160,162,164,166,168,170,172,174,176,178,180}Hf; discussed level systematics. Comparison with cranked Woods-Saxon-Strutinsky model. JOUR PRVCA 77 064323
^{158}Hf	2008LI23	NUCLEAR REACTIONS ^{144}Sm(^{16}O, 4n), E=102 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular distributions. ^{156}Yb; deduced levels, J, π, bands; calculated deformation parameters. ^{150,152,154,156,158,160,162,164,166,168,170}Dy, ^{152,154,156,158,160,162,164,166,168,170,172}Er, ^{154,156,158,160,162,164,166,168,170,172,174}Yb, ^{156,158,160,162,164,166,168,170,172,174,176,178,180}Hf; discussed level systematics. Comparison with cranked Woods-Saxon-Strutinsky model. JOUR PRVCA 77 064323
^{158}W	2007JOZX	RADIOACTIVITY ^{159}Re(p), (α) [from ^{106}Cd(^{58}Ni, 4pn), E=300 MeV]; measured Ep, Ip, Eα, Iα, $T_{1/2}$; ^{159}Re; deduced p-decay, α-decay, branching, partial $T_{1/2}$. CONF Lisbon (PROCON 2007),Proc.P28,Joss
	2007PAZT	RADIOACTIVITY ^{159}Re(p), (α), ^{155}Ta(p) [^{159}Re from ^{106}Cd(^{58}Ni, p4n), E=300 MeV]; measured Eα, Iα, Ep, Ip, branching ratio, $T_{1/2}$. ^{159}Re, ^{154}Hf; deduced $T_{1/2}$. CONF Lisbon (PROCON 2007),Proc.P137,Page

A=159

^{159}Pm	2007HA57	RADIOACTIVITY ^{158,159}Pm, ^{159,161}Sm, ^{160,161,162,163,164,165}Eu, ^{163}Gd, ^{166}Tb(β^-) [from ^{238}U(p, F), E=24 MeV and subsequent decay]; measured Eγ, Iγ, Eβ, Iβ; deduced Qβ, mass excess and two-neutron separation energies. Mass separator. JOUR ZAANE 34 363
^{159}Sm	2007HA57	RADIOACTIVITY ^{158,159}Pm, ^{159,161}Sm, ^{160,161,162,163,164,165}Eu, ^{163}Gd, ^{166}Tb(β^-) [from ^{238}U(p, F), E=24 MeV and subsequent decay]; measured Eγ, Iγ, Eβ, Iβ; deduced Qβ, mass excess and two-neutron separation energies. Mass separator. JOUR ZAANE 34 363
	2008HW03	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{89,91}Kr, ^{159}Sm; deduced levels, J, π, bands, configurations. ^{90,92}Kr, ^{161}Gd, ^{163}Dy; comparison with adopted levels. JOUR PRVCA 78 017303
^{159}Eu	2007HA57	RADIOACTIVITY ^{158,159}Pm, ^{159,161}Sm, ^{160,161,162,163,164,165}Eu, ^{163}Gd, ^{166}Tb(β^-) [from ^{238}U(p, F), E=24 MeV and subsequent decay]; measured Eγ, Iγ, Eβ, Iβ; deduced Qβ, mass excess and two-neutron separation energies. Mass separator. JOUR ZAANE 34 363
^{159}Gd	2008HA04	NUCLEAR REACTIONS ^{148,150}Nd, ^{154}Sm, ^{154,160}Gd(γ, n), E=7450-9800 keV [from Cu(e, γ)]; measured Eγ, Iγ, photon flux, normalization, cross section; deduced reaction rates. JOUR PRVCA 77 015803

A=159 *(continued)*

^{159}Re	2007JOZX	RADIOACTIVITY ^{159}Re(p), (α) [from ^{106}Cd(^{58}Ni, 4pn), E=300 MeV]; measured Ep, Ip, Eα, Iα, $T_{1/2}$; ^{159}Re; deduced p-decay, α-decay, branching, partial $T_{1/2}$. CONF Lisbon (PROCON 2007),Proc.P28,Joss
	2007PAZT	RADIOACTIVITY ^{159}Re(p), (α), ^{155}Ta(p) [^{159}Re from ^{106}Cd(^{58}Ni, p4n), E=300 MeV]; measured Eα, Iα, Ep, Ip, branching ratio, $T_{1/2}$. ^{159}Re, ^{154}Hf; deduced $T_{1/2}$. CONF Lisbon (PROCON 2007),Proc.P137,Page

A=160

^{160}Eu	2007HA57	RADIOACTIVITY ^{158,159}Pm, ^{159,161}Sm, ^{160,161,162,163,164,165}Eu, ^{163}Gd, ^{166}Tb(β^-) [from ^{238}U(p, F), E=24 MeV and subsequent decay]; measured Eγ, Iγ, Eβ, Iβ; deduced Qβ, mass excess and two-neutron separation energies. Mass separator. JOUR ZAANE 34 363
^{160}Gd	2007HA57	RADIOACTIVITY ^{158,159}Pm, ^{159,161}Sm, ^{160,161,162,163,164,165}Eu, ^{163}Gd, ^{166}Tb(β^-) [from ^{238}U(p, F), E=24 MeV and subsequent decay]; measured Eγ, Iγ, Eβ, Iβ; deduced Qβ, mass excess and two-neutron separation energies. Mass separator. JOUR ZAANE 34 363
^{160}Tb	2008YA10	RADIOACTIVITY ^{160}Tb(β^-), ^{160}Er, ^{173}Lu, ^{201}Tl, ^{203}Pb(EC), ^{182}Re, ^{207}Bi(EC), (β^+); measured L X-ray intensity ratios following decay and photoionization. Comparison with theory and other data. JOUR PYLBB 663 186
^{160}Dy	2008LI23	NUCLEAR REACTIONS ^{144}Sm(^{16}O, 4n), E=102 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular distributions. ^{156}Yb; deduced levels, J, π, bands; calculated deformation parameters. ^{150,152,154,156,158,160,162,164,166,168,170}Dy, ^{152,154,156,158,160,162,164,166,168,170,172}Er, ^{154,156,158,160,162,164,166,168,170,172,174}Yb, ^{156,158,160,162,164,166,168,170,172,174,176,178,180}Hf; discussed level systematics. Comparison with cranked Woods-Saxon-Strutinsky model. JOUR PRVCA 77 064323
	2008YA10	RADIOACTIVITY ^{160}Tb(β^-), ^{160}Er, ^{173}Lu, ^{201}Tl, ^{203}Pb(EC), ^{182}Re, ^{207}Bi(EC), (β^+); measured L X-ray intensity ratios following decay and photoionization. Comparison with theory and other data. JOUR PYLBB 663 186
^{160}Ho	2008YA10	RADIOACTIVITY ^{160}Tb(β^-), ^{160}Er, ^{173}Lu, ^{201}Tl, ^{203}Pb(EC), ^{182}Re, ^{207}Bi(EC), (β^+); measured L X-ray intensity ratios following decay and photoionization. Comparison with theory and other data. JOUR PYLBB 663 186
^{160}Er	2008LI23	NUCLEAR REACTIONS ^{144}Sm(^{16}O, 4n), E=102 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular distributions. ^{156}Yb; deduced levels, J, π, bands; calculated deformation parameters. ^{150,152,154,156,158,160,162,164,166,168,170}Dy, ^{152,154,156,158,160,162,164,166,168,170,172}Er, ^{154,156,158,160,162,164,166,168,170,172,174}Yb, ^{156,158,160,162,164,166,168,170,172,174,176,178,180}Hf; discussed level systematics. Comparison with cranked Woods-Saxon-Strutinsky model. JOUR PRVCA 77 064323

A=160 ***(continued)***

	2008YA10	RADIOACTIVITY ^{160}Tb(β^-), ^{160}Er, ^{173}Lu, ^{201}Tl, ^{203}Pb(EC), ^{182}Re, ^{207}Bi(EC), (β^+); measured L X-ray intensity ratios following decay and photoionization. Comparison with theory and other data. JOUR PYLBB 663 186
^{160}Tm	2008SU08	NUCLEAR REACTIONS ^{146}Nd(^{19}F, 5n), E=102 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{160}Tm deduced levels, J, π, configurations, B(M1) / B(E2) ratio. JOUR CPLEE 25 1996
	2008TE07	NUCLEAR REACTIONS ^{128}Te(^{37}Cl, 5n), (^{37}Cl, 4n), E=170 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{160,161}Tm; deduced levels, J, π, triaxial strongly-deformed bands(TSD), moments of inertia. ^{154,157}Er, ^{163}Lu, ^{153,163}Tm; systematics of bands. Comparison with potential energy surfaces calculated using cranked Nilsson Strutinsky calculations. Superdeformation. JOUR PRVCA 78 017305
^{160}Yb	2008AG04	NUCLEAR REACTIONS ^{120}Sn(^{44}Ca, 4n), E=210 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin; calculated potential energy surfaces; ^{160}Yb; deduced excitation energies, configurations, high-spin rotational bands, triaxial strongly-deformed bands. ^{157,158}Er, ^{161}Lu; systematics, comparison with theory. JOUR PRVCA 77 021302
	2008LI23	NUCLEAR REACTIONS ^{144}Sm(^{16}O, 4n), E=102 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular distributions. ^{156}Yb; deduced levels, J, π, bands; calculated deformation parameters. ^{150,152,154,156,158,160,162,164,166,168,170}Dy, ^{152,154,156,158,160,162,164,166,168,170,172}Er, ^{154,156,158,160,162,164,166,168,170,172,174}Yb, ^{156,158,160,162,164,166,168,170,172,174,176,178,180}Hf; discussed level systematics. Comparison with cranked Woods-Saxon-Strutinsky model. JOUR PRVCA 77 064323
^{160}Hf	2008LI23	NUCLEAR REACTIONS ^{144}Sm(^{16}O, 4n), E=102 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular distributions. ^{156}Yb; deduced levels, J, π, bands; calculated deformation parameters. ^{150,152,154,156,158,160,162,164,166,168,170}Dy, ^{152,154,156,158,160,162,164,166,168,170,172}Er, ^{154,156,158,160,162,164,166,168,170,172,174}Yb, ^{156,158,160,162,164,166,168,170,172,174,176,178,180}Hf; discussed level systematics. Comparison with cranked Woods-Saxon-Strutinsky model. JOUR PRVCA 77 064323

A=161

^{161}Sm	2007HA57	RADIOACTIVITY ^{158,159}Pm, ^{159,161}Sm, ^{160,161,162,163,164,165}Eu, ^{163}Gd, ^{166}Tb(β^-) [from ^{238}U(p, F), E=24 MeV and subsequent decay]; measured Eγ, Iγ, Eβ, Iβ; deduced Qβ, mass excess and two-neutron separation energies. Mass separator. JOUR ZAANE 34 363
^{161}Eu	2007HA57	RADIOACTIVITY ^{158,159}Pm, ^{159,161}Sm, ^{160,161,162,163,164,165}Eu, ^{163}Gd, ^{166}Tb(β^-) [from ^{238}U(p, F), E=24 MeV and subsequent decay]; measured Eγ, Iγ, Eβ, Iβ; deduced Qβ, mass excess and two-neutron separation energies. Mass separator. JOUR ZAANE 34 363

A=161 ***(continued)***

^{161}Gd	2007HA57	RADIOACTIVITY ^{158,159}Pm, ^{159,161}Sm, ^{160,161,162,163,164,165}Eu, ^{163}Gd, ^{166}Tb(β^-) [from ^{238}U(p, F), E=24 MeV and subsequent decay]; measured Eγ, Iγ, Eβ, Iβ; deduced Qβ, mass excess and two-neutron separation energies. Mass separator. JOUR ZAANE 34 363
	2008HW03	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{89,91}Kr, ^{159}Sm; deduced levels, J, π, bands, configurations. ^{90,92}Kr, ^{161}Gd, ^{163}Dy; comparison with adopted levels. JOUR PRVCA 78 017303
^{161}Ho	2008EG01	RADIOACTIVITY ^{161}Er(β^+); ^{161}Ho(IT); measured L_2 and L_3 conversion electron spectra using photographic plates and a β spectrometer. JOUR BRSPE 72 744
^{161}Er	2008EG01	RADIOACTIVITY ^{161}Er(β^+); ^{161}Ho(IT); measured L_2 and L_3 conversion electron spectra using photographic plates and a β spectrometer. JOUR BRSPE 72 744
	2008TA27	NUCLEAR REACTIONS Er(p, X)^{161}Er / ^{163}Tm / ^{166}Tm / ^{167}Tm / ^{168}Tm / ^{170}Tm, E < 70 MeV; measured Eγ, Iγ, excitation functions using the stacked foil activation technique. Compared results to model calculations. JOUR NIMBE 266 4872
^{161}Tm	2008TE07	NUCLEAR REACTIONS ^{128}Te(^{37}Cl, 5n), (^{37}Cl, 4n), E=170 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{160,161}Tm; deduced levels, J, π, triaxial strongly-deformed bands(TSD), moments of inertia. ^{154,157}Er, ^{163}Lu, ^{153,163}Tm; systematics of bands. Comparison with potential energy surfaces calculated using cranked Nilsson Strutinsky calculations. Superdeformation. JOUR PRVCA 78 017305
^{161}Lu	2008AG04	NUCLEAR REACTIONS ^{120}Sn(^{44}Ca, 4n), E=210 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin; calculated potential energy surfaces; ^{160}Yb; deduced excitation energies, configurations, high-spin rotational bands, triaxial strongly-deformed bands. ^{157,158}Er, ^{161}Lu; systematics, comparison with theory. JOUR PRVCA 77 021302

A=162

^{162}Eu	2007HA57	RADIOACTIVITY ^{158,159}Pm, ^{159,161}Sm, ^{160,161,162,163,164,165}Eu, ^{163}Gd, ^{166}Tb(β^-) [from ^{238}U(p, F), E=24 MeV and subsequent decay]; measured Eγ, Iγ, Eβ, Iβ; deduced Qβ, mass excess and two-neutron separation energies. Mass separator. JOUR ZAANE 34 363
^{162}Gd	2007HA57	RADIOACTIVITY ^{158,159}Pm, ^{159,161}Sm, ^{160,161,162,163,164,165}Eu, ^{163}Gd, ^{166}Tb(β^-) [from ^{238}U(p, F), E=24 MeV and subsequent decay]; measured Eγ, Iγ, Eβ, Iβ; deduced Qβ, mass excess and two-neutron separation energies. Mass separator. JOUR ZAANE 34 363
^{162}Tb	2008FA06	NUCLEAR REACTIONS ^{51}V(n, p), E=14.1, 14.6 MeV; ^{64}Ni(n, α), E=13.5, 14.6 MeV; ^{165}Ho(n, α), (n, 2n), E=14.1, 14.6 MeV; ^{180}W(n, 2n), E=13.5, 14.1 MeV; ^{186}W(n, 2n), E=14.1 MeV; measured σ using activation technique. Comparison with other data. JOUR ARISE 66 1104

A=162 ***(continued)***

^{162}Dy	2008LI23	NUCLEAR REACTIONS ^{144}Sm(^{16}O, 4n), E=102 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular distributions. ^{156}Yb; deduced levels, J, π, bands; calculated deformation parameters. ^{150,152,154,156,158,160,162,164,166,168,170}Dy, ^{152,154,156,158,160,162,164,166,168,170,172}Er, ^{154,156,158,160,162,164,166,168,170,172,174}Yb, ^{156,158,160,162,164,166,168,170,172,174,176,178,180}Hf; discussed level systematics. Comparison with cranked Woods-Saxon-Strutinsky model. JOUR PRVCA 77 064323
^{162}Er	2008LI23	NUCLEAR REACTIONS ^{144}Sm(^{16}O, 4n), E=102 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular distributions. ^{156}Yb; deduced levels, J, π, bands; calculated deformation parameters. ^{150,152,154,156,158,160,162,164,166,168,170}Dy, ^{152,154,156,158,160,162,164,166,168,170,172}Er, ^{154,156,158,160,162,164,166,168,170,172,174}Yb, ^{156,158,160,162,164,166,168,170,172,174,176,178,180}Hf; discussed level systematics. Comparison with cranked Woods-Saxon-Strutinsky model. JOUR PRVCA 77 064323
^{162}Yb	2008LI23	NUCLEAR REACTIONS ^{144}Sm(^{16}O, 4n), E=102 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular distributions. ^{156}Yb; deduced levels, J, π, bands; calculated deformation parameters. ^{150,152,154,156,158,160,162,164,166,168,170}Dy, ^{152,154,156,158,160,162,164,166,168,170,172}Er, ^{154,156,158,160,162,164,166,168,170,172,174}Yb, ^{156,158,160,162,164,166,168,170,172,174,176,178,180}Hf; discussed level systematics. Comparison with cranked Woods-Saxon-Strutinsky model. JOUR PRVCA 77 064323
^{162}Hf	2008LI23	NUCLEAR REACTIONS ^{144}Sm(^{16}O, 4n), E=102 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular distributions. ^{156}Yb; deduced levels, J, π, bands; calculated deformation parameters. ^{150,152,154,156,158,160,162,164,166,168,170}Dy, ^{152,154,156,158,160,162,164,166,168,170,172}Er, ^{154,156,158,160,162,164,166,168,170,172,174}Yb, ^{156,158,160,162,164,166,168,170,172,174,176,178,180}Hf; discussed level systematics. Comparison with cranked Woods-Saxon-Strutinsky model. JOUR PRVCA 77 064323

A=163

^{163}Eu	2007HA57	RADIOACTIVITY ^{158,159}Pm, ^{159,161}Sm, ^{160,161,162,163,164,165}Eu, ^{163}Gd, ^{166}Tb(β^-) [from ^{238}U(p, F), E=24 MeV and subsequent decay]; measured Eγ, Iγ, Eβ, Iβ; deduced Qβ, mass excess and two-neutron separation energies. Mass separator. JOUR ZAANE 34 363
^{163}Gd	2007HA57	RADIOACTIVITY ^{158,159}Pm, ^{159,161}Sm, ^{160,161,162,163,164,165}Eu, ^{163}Gd, ^{166}Tb(β^-) [from ^{238}U(p, F), E=24 MeV and subsequent decay]; measured Eγ, Iγ, Eβ, Iβ; deduced Qβ, mass excess and two-neutron separation energies. Mass separator. JOUR ZAANE 34 363

A=163 ***(continued)***

^{163}Tb	2007HA57	RADIOACTIVITY ^{158,159}Pm, ^{159,161}Sm, ^{160,161,162,163,164,165}Eu, ^{163}Gd, ^{166}Tb(β^-) [from ^{238}U(p, F), E=24 MeV and subsequent decay]; measured Eγ, Iγ, Eβ, Iβ; deduced Qβ, mass excess and two-neutron separation energies. Mass separator. JOUR ZAANE 34 363
^{163}Dy	2008HW03	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{89,91}Kr, ^{159}Sm; deduced levels, J, π, bands, configurations. ^{90,92}Kr, ^{161}Gd, ^{163}Dy; comparison with adopted levels. JOUR PRVCA 78 017303
	2008SIZY	NUCLEAR REACTIONS ^{147}Sm, ^{164}Dy(^{3}He, ^{3}He'), E=45 MeV; ^{147}Sm, ^{164}Dy(^{3}He, $\alpha\gamma$), E=45 MeV; measured Eγ, Iγ; deduced level densities γ strength functions. CONF Yosemit(CNR 2007) Proc.P65,Siem
^{163}Er	2008LEZX	NUCLEAR REACTIONS ^{150}Nd(^{18}O, 5n), E=87, 93 MeV; ^{130}Te(^{27}Al, 6n), E=155 MeV; ^{170}Er(^{30}Si, 4n), E=150 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin; ^{163}Er, ^{151}Tb, ^{196}Pb; deduced band structure. CONF Crete(FINUSTAR 2),Proc.P11,Leoni
^{163}Tm	2007WAZV	NUCLEAR REACTIONS ^{130}Te(^{37}Cl, 4n), E=170 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, lifetimes by Doppler-shift method. ^{163}Tm; deduced high-spin levels, J, π, triaxial superdeformed bands, B(M1) / B(E2), transition quadrupole moments, potential energy surface calculations. ^{240,242}Pu(^{208}Pb, ^{208}Pb'), ^{239}Pu(^{207}Pb, ^{208}Pb), E=1300 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma(\theta)$ in 'unsafe' Coulomb excitation for ^{240,242}Pu and single-neutron transfer for ^{238}Pu. ^{238,240,242}Pu; deduced high-spin levels, J, π, A_2, A_4. THESIS X Wang, Notre Dame, Indiana
	2008TA27	NUCLEAR REACTIONS Er(p, X)^{161}Er / ^{163}Tm / ^{166}Tm / ^{167}Tm / ^{168}Tm / ^{170}Tm, E < 70 MeV; measured Eγ, Iγ, excitation functions using the stacked foil activation technique. Compared results to model calculations. JOUR NIMBE 266 4872
	2008TE07	NUCLEAR REACTIONS ^{128}Te(^{37}Cl, 5n), (^{37}Cl, 4n), E=170 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{160,161}Tm; deduced levels, J, π, triaxial strongly-deformed bands(TSD), moments of inertia. ^{154,157}Er, ^{163}Lu, ^{153,163}Tm; systematics of bands. Comparison with potential energy surfaces calculated using cranked Nilsson Strutinsky calculations. Superdeformation. JOUR PRVCA 78 017305
^{163}Lu	2007ZH46	NUCLEAR REACTIONS ^{128}Te(^{48}Ca, 4n), (^{48}Ca, 5n), E=209 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{171,172}Hf; deduced levels, J, π, configurations, superdeformed bands. ^{163}Lu, ^{170,173,174,175}Hf; systematics. JOUR PRVCA 76 064321
	2008TA03	NUCLEAR REACTIONS ^{128}Te(^{50}Ti, 4n), E=230 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin; ^{174}W; deduced levels, J, π, band alignments, searched for triaxial strongly deformed bands. ^{163,164,165,167}Lu, ^{174,175}Hf; analyzed energy spacings. JOUR PRVCA 77 024313
	2008TE07	NUCLEAR REACTIONS ^{128}Te(^{37}Cl, 5n), (^{37}Cl, 4n), E=170 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{160,161}Tm; deduced levels, J, π, triaxial strongly-deformed bands(TSD), moments of inertia. ^{154,157}Er, ^{163}Lu, ^{153,163}Tm; systematics of bands. Comparison with potential energy surfaces calculated using cranked Nilsson Strutinsky calculations. Superdeformation. JOUR PRVCA 78 017305

A=164

^{164}Eu	2007HA57	RADIOACTIVITY ^{158,159}Pm, ^{159,161}Sm, ^{160,161,162,163,164,165}Eu, ^{163}Gd, ^{166}Tb(β^-) [from ^{238}U(p, F), E=24 MeV and subsequent decay]; measured Eγ, Iγ, Eβ, Iβ; deduced Qβ, mass excess and two-neutron separation energies. Mass separator. JOUR ZAANE 34 363
^{164}Gd	2007HA57	RADIOACTIVITY ^{158,159}Pm, ^{159,161}Sm, ^{160,161,162,163,164,165}Eu, ^{163}Gd, ^{166}Tb(β^-) [from ^{238}U(p, F), E=24 MeV and subsequent decay]; measured Eγ, Iγ, Eβ, Iβ; deduced Qβ, mass excess and two-neutron separation energies. Mass separator. JOUR ZAANE 34 363
^{164}Dy	2008HA21	RADIOACTIVITY ^{164}Ho(β^+), (β^-); measured Eγ, Iγ. ^{164}Dy, ^{164}Er; deduced levels, J, π. JOUR PRVCA 77 068801
	2008LI23	NUCLEAR REACTIONS ^{144}Sm(^{16}O, 4n), E=102 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular distributions. ^{156}Yb; deduced levels, J, π, bands; calculated deformation parameters. ^{150,152,154,156,158,160,162,164,166,168,170}Dy, ^{152,154,156,158,160,162,164,166,168,170,172}Er, ^{154,156,158,160,162,164,166,168,170,172,174}Yb, ^{156,158,160,162,164,166,168,170,172,174,176,178,180}Hf; discussed level systematics. Comparison with cranked Woods-Saxon-Strutinsky model. JOUR PRVCA 77 064323
	2008SIZY	NUCLEAR REACTIONS ^{147}Sm, ^{164}Dy(^{3}He, ^{3}He'), E=45 MeV; ^{147}Sm, ^{164}Dy(^{3}He, $\alpha\gamma$), E=45 MeV; measured Eγ, Iγ; deduced level densities γ strength functions. CONF Yosemit(CNR 2007) Proc.P65,Siem
^{164}Ho	2008FA06	NUCLEAR REACTIONS ^{51}V(n, p), E=14.1, 14.6 MeV; ^{64}Ni(n, α), E=13.5, 14.6 MeV; ^{165}Ho(n, α), (n, 2n), E=14.1, 14.6 MeV; ^{180}W(n, 2n), E=13.5, 14.1 MeV; ^{186}W(n, 2n), E=14.1 MeV; measured σ using activation technique. Comparison with other data. JOUR ARISE 66 1104
	2008HA21	NUCLEAR REACTIONS ^{165}Ho(γ, n), E=3.3-16.7 MeV; measured Eγ, Iγ, half-life; calculated σ. ^{164}Ho; deduced levels, J, π. JOUR PRVCA 77 068801
	2008HA21	RADIOACTIVITY ^{164}Ho(β^+), (β^-); measured Eγ, Iγ. ^{164}Dy, ^{164}Er; deduced levels, J, π. JOUR PRVCA 77 068801
^{164}Er	2008HA21	RADIOACTIVITY ^{164}Ho(β^+), (β^-); measured Eγ, Iγ. ^{164}Dy, ^{164}Er; deduced levels, J, π. JOUR PRVCA 77 068801
	2008LI23	NUCLEAR REACTIONS ^{144}Sm(^{16}O, 4n), E=102 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular distributions. ^{156}Yb; deduced levels, J, π, bands; calculated deformation parameters. ^{150,152,154,156,158,160,162,164,166,168,170}Dy, ^{152,154,156,158,160,162,164,166,168,170,172}Er, ^{154,156,158,160,162,164,166,168,170,172,174}Yb, ^{156,158,160,162,164,166,168,170,172,174,176,178,180}Hf; discussed level systematics. Comparison with cranked Woods-Saxon-Strutinsky model. JOUR PRVCA 77 064323

A=164 *(continued)*

^{164}Yb	2008LI23	NUCLEAR REACTIONS ^{144}Sm(^{16}O, 4n), E=102 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular distributions. ^{156}Yb; deduced levels, J, π, bands; calculated deformation parameters. ^{150,152,154,156,158,160,162,164,166,168,170}Dy, ^{152,154,156,158,160,162,164,166,168,170,172}Er, ^{154,156,158,160,162,164,166,168,170,172,174}Yb, ^{156,158,160,162,164,166,168,170,172,174,176,178,180}Hf; discussed level systematics. Comparison with cranked Woods-Saxon-Strutinsky model. JOUR PRVCA 77 064323
^{164}Lu	2008TA03	NUCLEAR REACTIONS ^{128}Te(^{50}Ti, 4n), E=230 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin; ^{174}W; deduced levels, J, π, band alignments, searched for triaxial strongly deformed bands. ^{163,164,165,167}Lu, ^{174,175}Hf; analyzed energy spacings. JOUR PRVCA 77 024313
^{164}Hf	2008LI23	NUCLEAR REACTIONS ^{144}Sm(^{16}O, 4n), E=102 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular distributions. ^{156}Yb; deduced levels, J, π, bands; calculated deformation parameters. ^{150,152,154,156,158,160,162,164,166,168,170}Dy, ^{152,154,156,158,160,162,164,166,168,170,172}Er, ^{154,156,158,160,162,164,166,168,170,172,174}Yb, ^{156,158,160,162,164,166,168,170,172,174,176,178,180}Hf; discussed level systematics. Comparison with cranked Woods-Saxon-Strutinsky model. JOUR PRVCA 77 064323
^{164}Os	2008BI15	RADIOACTIVITY ^{168,169,170}Pt(α); measured Eα, Iα, Eγ, Iγ, $\alpha\gamma$-coin. Deduced α-decay branching ratios. JOUR NIMAE 597 189

A=165

^{165}Eu	2007HA57	RADIOACTIVITY ^{158,159}Pm, ^{159,161}Sm, ^{160,161,162,163,164,165}Eu, ^{163}Gd, ^{166}Tb(β^-) [from ^{238}U(p, F), E=24 MeV and subsequent decay]; measured Eγ, Iγ, Eβ, Iβ; deduced Qβ, mass excess and two-neutron separation energies. Mass separator. JOUR ZAANE 34 363
^{165}Gd	2007HA57	RADIOACTIVITY ^{158,159}Pm, ^{159,161}Sm, ^{160,161,162,163,164,165}Eu, ^{163}Gd, ^{166}Tb(β^-) [from ^{238}U(p, F), E=24 MeV and subsequent decay]; measured Eγ, Iγ, Eβ, Iβ; deduced Qβ, mass excess and two-neutron separation energies. Mass separator. JOUR ZAANE 34 363
^{165}Dy	2008BU10	NUCLEAR REACTIONS ^{71}Ga, ^{75}As, ^{164}Dy, ^{170}Er(n, γ), E=spectrum; measured Eγ, Iγ; deduced effective resonance energy using Am-Be neutron source. Comparison with calculations. JOUR ANEND 35 1433
^{165}Er	2008TA16	NUCLEAR REACTIONS ^{165}Ho(p, n), E=16, 37 MeV; measured X-ray spectra, excitation function using stacked foil activation technique. JOUR NIMBE 266 3346
	2008TA24	NUCLEAR REACTIONS ^{165}Ho(d, 2n)^{165}Er, ^{165}Ho(d, p)^{166g}Ho, E=21 MeV; measured X-ray spectra, Eγ, Iγ, ; deduced σ(E), thick target yield using the stacked-foil activation technique; comparison with nuclear reaction model calculations. JOUR NIMBE 266 3529

A=165 *(continued)*

^{165}Tm	2008AG08	NUCLEAR REACTIONS ^{165}HO(α, 2n), ^{165}HO(α, 3n), ^{165}HO(α, 4n), E=31.7, 36.6, 41.1, 45.4, 49.6 MeV; measured Eγ, Iγ, σ; Stacked foil technique deduced equilibrium and non-equilibrium contributions; Comparison with geometry dependent hybrid model, ALICE91 code. JOUR CJPHA 86 495
^{165}Lu	2008TA03	NUCLEAR REACTIONS ^{128}Te(^{50}Ti, 4n), E=230 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin; ^{174}W; deduced levels, J, π, band alignments, searched for triaxial strongly deformed bands. ^{163,164,165,167}Lu, ^{174,175}Hf; analyzed energy spacings. JOUR PRVCA 77 024313
^{165}Os	2008BI15	RADIOACTIVITY ^{168,169,170}Pt(α); measured Eα, Iα, Eγ, Iγ, $\alpha\gamma$-coin. Deduced α-decay branching ratios. JOUR NIMAE 597 189

A=166

^{166}Tb	2007HA57	RADIOACTIVITY ^{158,159}Pm, ^{159,161}Sm, ^{160,161,162,163,164,165}Eu, ^{163}Gd, ^{166}Tb(β^-) [from ^{238}U(p, F), E=24 MeV and subsequent decay]; measured Eγ, Iγ, Eβ, Iβ; deduced Qβ, mass excess and two-neutron separation energies. Mass separator. JOUR ZAANE 34 363
	2008SI02	NUCLEAR REACTIONS ^{159}Tb(^{16}O, 3nα), (^{16}O, 4nα), (^{16}O, 3npα), (^{16}O, n2α), E=95 MeV; ^{159}Tb(^{16}O, 3npα), (^{16}O, n2pα), (^{16}O, n3pα), (^{16}O, 4nα), (^{16}O, 2nα), E=95 MeV; measured Eγ, Iγ, production cross sections, excitation functions. ^{167,168}Lu, ^{167}Yb, ^{177}W, ^{166}Tb, ^{178}Ta, ^{177}Hf, ^{177,179}Re; measured excitation functions in fusion reactions. JOUR PRVCA 77 014607
^{166}Dy	2007HA57	RADIOACTIVITY ^{158,159}Pm, ^{159,161}Sm, ^{160,161,162,163,164,165}Eu, ^{163}Gd, ^{166}Tb(β^-) [from ^{238}U(p, F), E=24 MeV and subsequent decay]; measured Eγ, Iγ, Eβ, Iβ; deduced Qβ, mass excess and two-neutron separation energies. Mass separator. JOUR ZAANE 34 363
	2008LI23	NUCLEAR REACTIONS ^{144}Sm(^{16}O, 4n), E=102 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular distributions. ^{156}Yb; deduced levels, J, π, bands; calculated deformation parameters. ^{150,152,154,156,158,160,162,164,166,168,170}Dy, ^{152,154,156,158,160,162,164,166,168,170,172}Er, ^{154,156,158,160,162,164,166,168,170,172,174}Yb, ^{156,158,160,162,164,166,168,170,172,174,176,178,180}Hf; discussed level systematics. Comparison with cranked Woods-Saxon-Strutinsky model. JOUR PRVCA 77 064323
^{166}Ho	2008TA24	NUCLEAR REACTIONS ^{165}Ho(d, 2n)^{165}Er, ^{165}Ho(d, p)^{166g}Ho, E=21 MeV; measured X-ray spectra, Eγ, Iγ, ; deduced σ(E), thick target yield using the stacked-foil activation technique; comparison with nuclear reaction model calculations. JOUR NIMBE 266 3529
^{166}Er	2008EV01	NUCLEAR REACTIONS ^{144,154}Sm, ^{166}Er, ^{186}W, ^{197}Au, ^{208}Pb(^{16}O, ^{16}O), E=17-26 MeV; measured yields, $\sigma(\theta)$, diffuseness parameter. Coupled-channel calculations. JOUR PRVCA 78 034614

A=166 ***(continued)***

	2008LI23	NUCLEAR REACTIONS ^{144}Sm(^{16}O, 4n), E=102 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular distributions. ^{156}Yb; deduced levels, J, π, bands; calculated deformation parameters. ^{150,152,154,156,158,160,162,164,166,168,170}Dy, ^{152,154,156,158,160,162,164,166,168,170,172}Er, ^{154,156,158,160,162,164,166,168,170,172,174}Yb, ^{156,158,160,162,164,166,168,170,172,174,176,178,180}Hf; discussed level systematics. Comparison with cranked Woods-Saxon-Strutinsky model. JOUR PRVCA 77 064323
^{166}Tm	2008AG08	NUCLEAR REACTIONS ^{165}HO(α, 2n), ^{165}HO(α, 3n), ^{165}HO(α, 4n), E=31.7, 36.6, 41.1, 45.4, 49.6 MeV; measured Eγ, Iγ, σ; Stacked foil technique deduced equilibrium and non-equilibrium contributions; Comparison with geometry dependent hybrid model, ALICE91 code. JOUR CJPHA 86 495
	2008SI02	NUCLEAR REACTIONS ^{159}Tb(^{16}O, 3nα), (^{16}O, 4nα), (^{16}O, 3npα), (^{16}O, n2α), E=95 MeV; ^{159}Tb(^{16}O, 3npα), (^{16}O, n2pα), (^{16}O, n3pα), (^{16}O, 4nα), (^{16}O, 2nα), E=95 MeV; measured Eγ, Iγ, production cross sections, excitation functions. ^{167,168}Lu, ^{167}Yb, ^{177}W, ^{166}Tb, ^{178}Ta, ^{177}Hf, ^{177,179}Re; measured excitation functions in fusion reactions. JOUR PRVCA 77 014607
	2008TA27	NUCLEAR REACTIONS Er(p, X)^{161}Er / ^{163}Tm / ^{166}Tm / ^{167}Tm / ^{168}Tm / ^{170}Tm, E < 70 MeV; measured Eγ, Iγ, excitation functions using the stacked foil activation technique. Compared results to model calculations. JOUR NIMBE 266 4872
^{166}Yb	2007MC08	RADIOACTIVITY ^{168}Ta (β^+), (EC) [from ^{159}Tb(^{16}O, 7n), E=130 MeV]; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$. ^{168}Hf; deduced levels, J, π, multipolarities, mixing ratios, B(E2). Compared with calculations using CBS and Davidson models and IBA model. ^{166,168}Yb; measured Eγ. JOUR PRVCA 76 064307
	2008LI23	NUCLEAR REACTIONS ^{144}Sm(^{16}O, 4n), E=102 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular distributions. ^{156}Yb; deduced levels, J, π, bands; calculated deformation parameters. ^{150,152,154,156,158,160,162,164,166,168,170}Dy, ^{152,154,156,158,160,162,164,166,168,170,172}Er, ^{154,156,158,160,162,164,166,168,170,172,174}Yb, ^{156,158,160,162,164,166,168,170,172,174,176,178,180}Hf; discussed level systematics. Comparison with cranked Woods-Saxon-Strutinsky model. JOUR PRVCA 77 064323
	2008ST17	NUCLEAR REACTIONS ^{124}Sn(^{48}Ca, 4n), (^{48}Ca, 5n), (^{48}Ca, 6n), E=215 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, rotational damping and spreading widths, level mixing. Continuum gamma-ray spectroscopy. JOUR PRVCA 78 034303

A=166 *(continued)*

^{166}Hf	2008LI23	NUCLEAR REACTIONS ^{144}Sm(^{16}O, 4n), E=102 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular distributions. ^{156}Yb; deduced levels, J, π, bands; calculated deformation parameters. ^{150,152,154,156,158,160,162,164,166,168,170}Dy, ^{152,154,156,158,160,162,164,166,168,170,172}Er, ^{154,156,158,160,162,164,166,168,170,172,174}Yb, ^{156,158,160,162,164,166,168,170,172,174,176,178,180}Hf; discussed level systematics. Comparison with cranked Woods-Saxon-Strutinsky model. JOUR PRVCA 77 064323
	2008MC01	RADIOACTIVITY ^{170,172,174}Ta(β^+), (EC) [from ^{159}Tb(^{16}O, 5n), E=100 MeV; ^{165}Ho(^{12}C, 5n), E=80 MeV; ^{168}Er(^{11}B, 5n), E=65 MeV]; measured Eγ, Iγ, $\gamma\gamma$-coin, branching ratios. ^{170,172,174}Hf; deduced levels, J, π. ^{166,168,170,172,174}Hf; systematics. JOUR PRVCA 77 054304
^{166}Os	2008BI15	RADIOACTIVITY ^{168,169,170}Pt(α); measured Eα, Iα, Eγ, Iγ, $\alpha\gamma$-coin. Deduced α-decay branching ratios. JOUR NIMAE 597 189

A=167

^{167}Er	2008SI02	NUCLEAR REACTIONS ^{159}Tb(^{16}O, 3nα), (^{16}O, 4nα), (^{16}O, 3npα), (^{16}O, n2α), E=95 MeV; ^{159}Tb(^{16}O, 3npα), (^{16}O, n2pα), (^{16}O, n3pα), (^{16}O, 4nα), (^{16}O, 2nα), E=95 MeV; measured Eγ, Iγ, production cross sections, excitation functions. ^{167,168}Lu, ^{167}Yb, ^{177}W, ^{166}Tb, ^{178}Ta, ^{177}Hf, ^{177,179}Re; measured excitation functions in fusion reactions. JOUR PRVCA 77 014607
^{167}Tm	2008AG08	NUCLEAR REACTIONS ^{165}HO(α, 2n), ^{165}HO(α, 3n), ^{165}HO(α, 4n), E=31.7, 36.6, 41.1, 45.4, 49.6 MeV; measured Eγ, Iγ, σ; Stacked foil technique deduced equilibrium and non-equilibrium contributions; Comparison with geometry dependent hybrid model, ALICE91 code. JOUR CJPHA 86 495
	2008TA27	NUCLEAR REACTIONS Er(p, X)^{161}Er / ^{163}Tm / ^{166}Tm / ^{167}Tm / ^{168}Tm / ^{170}Tm, E < 70 MeV; measured Eγ, Iγ, excitation functions using the stacked foil activation technique. Compared results to model calculations. JOUR NIMBE 266 4872
^{167}Yb	2008SI02	NUCLEAR REACTIONS ^{159}Tb(^{16}O, 3nα), (^{16}O, 4nα), (^{16}O, 3npα), (^{16}O, n2α), E=95 MeV; ^{159}Tb(^{16}O, 3npα), (^{16}O, n2pα), (^{16}O, n3pα), (^{16}O, 4nα), (^{16}O, 2nα), E=95 MeV; measured Eγ, Iγ, production cross sections, excitation functions. ^{167,168}Lu, ^{167}Yb, ^{177}W, ^{166}Tb, ^{178}Ta, ^{177}Hf, ^{177,179}Re; measured excitation functions in fusion reactions. JOUR PRVCA 77 014607
	2008ST17	NUCLEAR REACTIONS ^{124}Sn(^{48}Ca, 4n), (^{48}Ca, 5n), (^{48}Ca, 6n), E=215 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, rotational damping and spreading widths, level mixing. Continuum gamma-ray spectroscopy. JOUR PRVCA 78 034303
^{167}Lu	2008GU02	NUCLEAR REACTIONS ^{123}Sb(^{48}Ca, 4n), E=203 MeV; measured Eγ, Iγ, conversion electrons; ^{167}Lu; deduced conversion coefficients. JOUR PRVCA 77 024314

A=167 *(continued)*

	2008SI02	NUCLEAR REACTIONS ^{159}Tb(^{16}O, 3nα), (^{16}O, 4nα), (^{16}O, 3npα), (^{16}O, n2α), E=95 MeV; ^{159}Tb(^{16}O, 3npα), (^{16}O, n2pα), (^{16}O, n3pα), (^{16}O, 4nα), (^{16}O, 2nα), E=95 MeV; measured Eγ, Iγ, production cross sections, excitation functions. ^{167,168}Lu, ^{167}Yb, ^{177}W, ^{166}Tb, ^{178}Ta, ^{177}Hf, ^{177,179}Re; measured excitation functions in fusion reactions. JOUR PRVCA 77 014607
	2008TA03	NUCLEAR REACTIONS ^{128}Te(^{50}Ti, 4n), E=230 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin; ^{174}W; deduced levels, J, π, band alignments, searched for triaxial strongly deformed bands. ^{163,164,165,167}Lu, ^{174,175}Hf; analyzed energy spacings. JOUR PRVCA 77 024313

A=168

^{168}Dy	2008LI23	NUCLEAR REACTIONS ^{144}Sm(^{16}O, 4n), E=102 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular distributions. ^{156}Yb; deduced levels, J, π, bands; calculated deformation parameters. ^{150,152,154,156,158,160,162,164,166,168,170}Dy, ^{152,154,156,158,160,162,164,166,168,170,172}Er, ^{154,156,158,160,162,164,166,168,170,172,174}Yb, ^{156,158,160,162,164,166,168,170,172,174,176,178,180}Hf; discussed level systematics. Comparison with cranked Woods-Saxon-Strutinsky model. JOUR PRVCA 77 064323
^{168}Er	2008LI23	NUCLEAR REACTIONS ^{144}Sm(^{16}O, 4n), E=102 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular distributions. ^{156}Yb; deduced levels, J, π, bands; calculated deformation parameters. ^{150,152,154,156,158,160,162,164,166,168,170}Dy, ^{152,154,156,158,160,162,164,166,168,170,172}Er, ^{154,156,158,160,162,164,166,168,170,172,174}Yb, ^{156,158,160,162,164,166,168,170,172,174,176,178,180}Hf; discussed level systematics. Comparison with cranked Woods-Saxon-Strutinsky model. JOUR PRVCA 77 064323
^{168}Tm	2008SI02	NUCLEAR REACTIONS ^{159}Tb(^{16}O, 3nα), (^{16}O, 4nα), (^{16}O, 3npα), (^{16}O, n2α), E=95 MeV; ^{159}Tb(^{16}O, 3npα), (^{16}O, n2pα), (^{16}O, n3pα), (^{16}O, 4nα), (^{16}O, 2nα), E=95 MeV; measured Eγ, Iγ, production cross sections, excitation functions. ^{167,168}Lu, ^{167}Yb, ^{177}W, ^{166}Tb, ^{178}Ta, ^{177}Hf, ^{177,179}Re; measured excitation functions in fusion reactions. JOUR PRVCA 77 014607
	2008TA27	NUCLEAR REACTIONS Er(p, X)^{161}Er / ^{163}Tm / ^{166}Tm / ^{167}Tm / ^{168}Tm / ^{170}Tm, E < 70 MeV; measured Eγ, Iγ, excitation functions using the stacked foil activation technique. Compared results to model calculations. JOUR NIMBE 266 4872
^{168}Yb	2007MC08	RADIOACTIVITY ^{168}Ta (β^+), (EC) [from ^{159}Tb(^{16}O, 7n), E=130 MeV]; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$. ^{168}Hf; deduced levels, J, π, multipolarities, mixing ratios, B(E2). Compared with calculations using CBS and Davidson models and IBA model. ^{166,168}Yb; measured Eγ. JOUR PRVCA 76 064307

A=168 ***(continued)***

	2008DE16	ATOMIC MASSES ^{96,98,99,100,101,102,104}Ru; measured absolute isotopic abundances by thermal-ionization mass spectrometry. ^{92,94,95,96,97,98,100}Mo, ^{138,139}La, ^{168,170,171,172,173,174,176}Yb, ^{180,181}Ta; compiled absolute isotopic abundances. JOUR PRVCA 77 045803
	2008LI23	NUCLEAR REACTIONS ^{144}Sm(^{16}O, 4n), E=102 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular distributions. ^{156}Yb; deduced levels, J, π, bands; calculated deformation parameters. ^{150,152,154,156,158,160,162,164,166,168,170}Dy, ^{152,154,156,158,160,162,164,166,168,170,172}Er, ^{154,156,158,160,162,164,166,168,170,172,174}Yb, ^{156,158,160,162,164,166,168,170,172,174,176,178,180}Hf; discussed level systematics. Comparison with cranked Woods-Saxon-Strutinsky model. JOUR PRVCA 77 064323
	2008ST17	NUCLEAR REACTIONS ^{124}Sn(^{48}Ca, 4n), (^{48}Ca, 5n), (^{48}Ca, 6n), E=215 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, rotational damping and spreading widths, level mixing. Continuum gamma-ray spectroscopy. JOUR PRVCA 78 034303
^{168}Lu	2008SI02	NUCLEAR REACTIONS ^{159}Tb(^{16}O, 3nα), (^{16}O, 4nα), (^{16}O, 3npα), (^{16}O, n2α), E=95 MeV; ^{159}Tb(^{16}O, 3npα), (^{16}O, n2pα), (^{16}O, n3pα), (^{16}O, 4nα), (^{16}O, 2nα), E=95 MeV; measured Eγ, Iγ, production cross sections, excitation functions. ^{167,168}Lu, ^{167}Yb, ^{177}W, ^{166}Tb, ^{178}Ta, ^{177}Hf, ^{177,179}Re; measured excitation functions in fusion reactions. JOUR PRVCA 77 014607
^{168}Hf	2007MC08	RADIOACTIVITY ^{168}Ta (β^+), (EC) [from ^{159}Tb(^{16}O, 7n), E=130 MeV]; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$. ^{168}Hf; deduced levels, J, π, multipolarities, mixing ratios, B(E2). Compared with calculations using CBS and Davidson models and IBA model. ^{166,168}Yb; measured Eγ. JOUR PRVCA 76 064307
	2008LI23	NUCLEAR REACTIONS ^{144}Sm(^{16}O, 4n), E=102 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular distributions. ^{156}Yb; deduced levels, J, π, bands; calculated deformation parameters. ^{150,152,154,156,158,160,162,164,166,168,170}Dy, ^{152,154,156,158,160,162,164,166,168,170,172}Er, ^{154,156,158,160,162,164,166,168,170,172,174}Yb, ^{156,158,160,162,164,166,168,170,172,174,176,178,180}Hf; discussed level systematics. Comparison with cranked Woods-Saxon-Strutinsky model. JOUR PRVCA 77 064323
	2008MC01	RADIOACTIVITY ^{170,172,174}Ta(β^+), (EC) [from ^{159}Tb(^{16}O, 5n), E=100 MeV; ^{165}Ho(^{12}C, 5n), E=80 MeV; ^{168}Er(^{11}B, 5n), E=65 MeV]; measured Eγ, Iγ, $\gamma\gamma$-coin, branching ratios. ^{170,172,174}Hf; deduced levels, J, π. ^{166,168,170,172,174}Hf; systematics. JOUR PRVCA 77 054304
	2008YA20	NUCLEAR REACTIONS ^{96}Zr(^{76}Ge, 4n), E=310 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular distributions. ^{168}Hf; deduced levels, J, π, bands, configurations, strongly deformed triaxial bands. ^{170,171,175}Hf; systematics of bands. Comparison with cranked shell model calculations. JOUR PRVCA 78 044316

A=168 *(continued)*

^{168}Ta	2007MC08	RADIOACTIVITY ^{168}Ta (β^+), (EC) [from ^{159}Tb(^{16}O, 7n), E=130 MeV]; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$. ^{168}Hf; deduced levels, J, π, multipolarities, mixing ratios, B(E2). Compared with calculations using CBS and Davidson models and IBA model. ^{166,168}Yb; measured Eγ. JOUR PRVCA 76 064307
^{168}Pt	2008BI15	RADIOACTIVITY ^{168,169,170}Pt(α); measured Eα, Iα, Eγ, Iγ, $\alpha\gamma$-coin. Deduced α-decay branching ratios. JOUR NIMAE 597 189

A=169

^{169}Yb	2008KI16	NUCLEAR REACTIONS Yb(α, nX)^{170}Hf / ^{171}Hf / ^{173}Hf / ^{175}Hf / ^{177}Hf, Yb(α, X)^{169}Yb / ^{177}Yb / ^{171}Lu / ^{172}Lu / ^{177}Lu / ^{178}Lu, E < 39 MeV; measured Eγ, Iγ, excitation functions using the stacked foil activation technique. JOUR NIMBE 266 3919
^{169}Lu	2008SI02	NUCLEAR REACTIONS ^{159}Tb(^{16}O, 3nα), (^{16}O, 4nα), (^{16}O, 3npα), (^{16}O, n2α), E=95 MeV; ^{159}Tb(^{16}O, 3npα), (^{16}O, n2pα), (^{16}O, n3pα), (^{16}O, 4nα), (^{16}O, 2nα), E=95 MeV; measured Eγ, Iγ, production cross sections, excitation functions. ^{167,168}Lu, ^{167}Yb, ^{177}W, ^{166}Tb, ^{178}Ta, ^{177}Hf, ^{177,179}Re; measured excitation functions in fusion reactions. JOUR PRVCA 77 014607
^{169}Pt	2008BI15	RADIOACTIVITY ^{168,169,170}Pt(α); measured Eα, Iα, Eγ, Iγ, $\alpha\gamma$-coin. Deduced α-decay branching ratios. JOUR NIMAE 597 189

A=170

^{170}Dy	2008LI23	NUCLEAR REACTIONS ^{144}Sm(^{16}O, 4n), E=102 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular distributions. ^{156}Yb; deduced levels, J, π, bands; calculated deformation parameters. ^{150,152,154,156,158,160,162,164,166,168,170}Dy, ^{152,154,156,158,160,162,164,166,168,170,172}Er, ^{154,156,158,160,162,164,166,168,170,172,174}Yb, ^{156,158,160,162,164,166,168,170,172,174,176,178,180}Hf; discussed level systematics. Comparison with cranked Woods-Saxon-Strutinsky model. JOUR PRVCA 77 064323
^{170}Er	2008LI23	NUCLEAR REACTIONS ^{144}Sm(^{16}O, 4n), E=102 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular distributions. ^{156}Yb; deduced levels, J, π, bands; calculated deformation parameters. ^{150,152,154,156,158,160,162,164,166,168,170}Dy, ^{152,154,156,158,160,162,164,166,168,170,172}Er, ^{154,156,158,160,162,164,166,168,170,172,174}Yb, ^{156,158,160,162,164,166,168,170,172,174,176,178,180}Hf; discussed level systematics. Comparison with cranked Woods-Saxon-Strutinsky model. JOUR PRVCA 77 064323
^{170}Tm	2008TA27	NUCLEAR REACTIONS Er(p, X)^{161}Er / ^{163}Tm / ^{166}Tm / ^{167}Tm / ^{168}Tm / ^{170}Tm, E < 70 MeV; measured Eγ, Iγ, excitation functions using the stacked foil activation technique. Compared results to model calculations. JOUR NIMBE 266 4872

A=170 ***(continued)***

^{170}Yb	2008DE16	ATOMIC MASSES ^{96,98,99,100,101,102,104}Ru; measured absolute isotopic abundances by thermal-ionization mass spectrometry. ^{92,94,95,96,97,98,100}Mo, ^{138,139}La, ^{168,170,171,172,173,174,176}Yb, ^{180,181}Ta; compiled absolute isotopic abundances. JOUR PRVCA 77 045803
	2008LI23	NUCLEAR REACTIONS ^{144}Sm(^{16}O, 4n), E=102 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular distributions. ^{156}Yb; deduced levels, J, π, bands; calculated deformation parameters. ^{150,152,154,156,158,160,162,164,166,168,170}Dy, ^{152,154,156,158,160,162,164,166,168,170,172}Er, ^{154,156,158,160,162,164,166,168,170,172,174}Yb, ^{156,158,160,162,164,166,168,170,172,174,176,178,180}Hf; discussed level systematics. Comparison with cranked Woods-Saxon-Strutinsky model. JOUR PRVCA 77 064323
^{170}Hf	2007ZH46	NUCLEAR REACTIONS ^{128}Te(^{48}Ca, 4n), (^{48}Ca, 5n), E=209 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{171,172}Hf; deduced levels, J, π, configurations, superdeformed bands. ^{163}Lu, ^{170,173,174,175}Hf; systematics. JOUR PRVCA 76 064321
	2008KI16	NUCLEAR REACTIONS Yb(α, nX)^{170}Hf / ^{171}Hf / ^{173}Hf / ^{175}Hf / ^{177}Hf, Yb(α, X)^{169}Yb / ^{177}Yb / ^{171}Lu / ^{172}Lu / ^{177}Lu / ^{178}Lu, E < 39 MeV; measured Eγ, Iγ, excitation functions using the stacked foil activation technique. JOUR NIMBE 266 3919
	2008LI23	NUCLEAR REACTIONS ^{144}Sm(^{16}O, 4n), E=102 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular distributions. ^{156}Yb; deduced levels, J, π, bands; calculated deformation parameters. ^{150,152,154,156,158,160,162,164,166,168,170}Dy, ^{152,154,156,158,160,162,164,166,168,170,172}Er, ^{154,156,158,160,162,164,166,168,170,172,174}Yb, ^{156,158,160,162,164,166,168,170,172,174,176,178,180}Hf; discussed level systematics. Comparison with cranked Woods-Saxon-Strutinsky model. JOUR PRVCA 77 064323
	2008MC01	RADIOACTIVITY ^{170,172,174}Ta(β^+), (EC) [from ^{159}Tb(^{16}O, 5n), E=100 MeV; ^{165}Ho(^{12}C, 5n), E=80 MeV; ^{168}Er(^{11}B, 5n), E=65 MeV]; measured Eγ, Iγ, $\gamma\gamma$-coin, branching ratios. ^{170,172,174}Hf; deduced levels, J, π. ^{166,168,170,172,174}Hf; systematics. JOUR PRVCA 77 054304
	2008YA20	NUCLEAR REACTIONS ^{96}Zr(^{76}Ge, 4n), E=310 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular distributions. ^{168}Hf; deduced levels, J, π, bands, configurations, strongly deformed triaxial bands. ^{170,171,175}Hf; systematics of bands. Comparison with cranked shell model calculations. JOUR PRVCA 78 044316
^{170}Ta	2008MC01	RADIOACTIVITY ^{170,172,174}Ta(β^+), (EC) [from ^{159}Tb(^{16}O, 5n), E=100 MeV; ^{165}Ho(^{12}C, 5n), E=80 MeV; ^{168}Er(^{11}B, 5n), E=65 MeV]; measured Eγ, Iγ, $\gamma\gamma$-coin, branching ratios. ^{170,172,174}Hf; deduced levels, J, π. ^{166,168,170,172,174}Hf; systematics. JOUR PRVCA 77 054304
^{170}Pt	2008BI15	RADIOACTIVITY ^{168,169,170}Pt(α); measured Eα, Iα, Eγ, Iγ, $\alpha\gamma$-coin. Deduced α-decay branching ratios. JOUR NIMAE 597 189

A=171

^{171}Er	2008BU10	NUCLEAR REACTIONS ^{71}Ga, ^{75}As, ^{164}Dy, ^{170}Er(n, γ), E=spectrum; measured Eγ, Iγ; deduced effective resonance energy using Am-Be neutron source. Comparison with calculations. JOUR ANEND 35 1433
^{171}Yb	2008DE16	ATOMIC MASSES ^{96,98,99,100,101,102,104}Ru; measured absolute isotopic abundances by thermal-ionization mass spectrometry. ^{92,94,95,96,97,98,100}Mo, ^{138,139}La, ^{168,170,171,172,173,174,176}Yb, ^{180,181}Ta; compiled absolute isotopic abundances. JOUR PRVCA 77 045803
	2008SI20	NUCLEAR REACTIONS ^{169}Tm(^{16}O, 3n), (^{16}O, 2nα), (^{16}O, n2α), (^{16}O, 4np2α), (^{16}O, np3α), E=5.6 MeV / nucleon; measured (particle)γ-coin, spin distributions. ^{177,178,179}Re, ^{180,181,182}Os, ^{180,181,182}Ir; measured yield ratios. JOUR PRVCA 78 017602
^{171}Lu	2008KI16	NUCLEAR REACTIONS Yb(α, nX)^{170}Hf / ^{171}Hf / ^{173}Hf / ^{175}Hf / ^{177}Hf, Yb(α, X)^{169}Yb / ^{177}Yb / ^{171}Lu / ^{172}Lu / ^{177}Lu / ^{178}Lu, E < 39 MeV; measured Eγ, Iγ, excitation functions using the stacked foil activation technique. JOUR NIMBE 266 3919
^{171}Hf	2007ZH46	NUCLEAR REACTIONS ^{128}Te(^{48}Ca, 4n), (^{48}Ca, 5n), E=209 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{171,172}Hf; deduced levels, J, π, configurations, superdeformed bands. ^{163}Lu, ^{170,173,174,175}Hf; systematics. JOUR PRVCA 76 064321
	2008KI16	NUCLEAR REACTIONS Yb(α, nX)^{170}Hf / ^{171}Hf / ^{173}Hf / ^{175}Hf / ^{177}Hf, Yb(α, X)^{169}Yb / ^{177}Yb / ^{171}Lu / ^{172}Lu / ^{177}Lu / ^{178}Lu, E < 39 MeV; measured Eγ, Iγ, excitation functions using the stacked foil activation technique. JOUR NIMBE 266 3919
	2008YA20	NUCLEAR REACTIONS ^{96}Zr(^{76}Ge, 4n), E=310 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular distributions. ^{168}Hf; deduced levels, J, π, bands, configurations, strongly deformed triaxial bands. ^{170,171,175}Hf; systematics of bands. Comparison with cranked shell model calculations. JOUR PRVCA 78 044316

A=172

^{172}Er	2008LI23	NUCLEAR REACTIONS ^{144}Sm(^{16}O, 4n), E=102 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular distributions. ^{156}Yb; deduced levels, J, π, bands; calculated deformation parameters. ^{150,152,154,156,158,160,162,164,166,168,170}Dy, ^{152,154,156,158,160,162,164,166,168,170,172}Er, ^{154,156,158,160,162,164,166,168,170,172,174}Yb, ^{156,158,160,162,164,166,168,170,172,174,176,178,180}Hf; discussed level systematics. Comparison with cranked Woods-Saxon-Strutinsky model. JOUR PRVCA 77 064323
^{172}Tm	2008HU05	NUCLEAR REACTIONS ^{170}Er(^{7}Li, nα), E=30 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, lifetime of 6+ isomer, B(E1), hindrance factors for γ-transitions. ^{172}Tm; deduced levels, J, π, band configurations. JOUR PRVCA 77 044309
^{172}Yb	2008DE16	ATOMIC MASSES ^{96,98,99,100,101,102,104}Ru; measured absolute isotopic abundances by thermal-ionization mass spectrometry. ^{92,94,95,96,97,98,100}Mo, ^{138,139}La, ^{168,170,171,172,173,174,176}Yb, ^{180,181}Ta; compiled absolute isotopic abundances. JOUR PRVCA 77 045803

A=172 ***(continued)***

	2008HAZY	NUCLEAR REACTIONS ^{171,173}Yb(d, pγ), E=18.5 MeV; measured Ep, Eγ, Iγ, pγ-coin; ^{171,173}Yb(n, γ); deduced cross sections using the surrogate method. CONF Yosemit(CNR 2007) Proc.P105,Hatarik
	2008LI23	NUCLEAR REACTIONS ^{144}Sm(^{16}O, 4n), E=102 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular distributions. ^{156}Yb; deduced levels, J, π, bands; calculated deformation parameters. ^{150,152,154,156,158,160,162,164,166,168,170}Dy, ^{152,154,156,158,160,162,164,166,168,170,172}Er, ^{154,156,158,160,162,164,166,168,170,172,174}Yb, ^{156,158,160,162,164,166,168,170,172,174,176,178,180}Hf; discussed level systematics. Comparison with cranked Woods-Saxon-Strutinsky model. JOUR PRVCA 77 064323
^{172}Lu	2008KI16	NUCLEAR REACTIONS Yb(α, nX)^{170}Hf / ^{171}Hf / ^{173}Hf / ^{175}Hf / ^{177}Hf, Yb(α, X)^{169}Yb / ^{177}Yb / ^{171}Lu / ^{172}Lu / ^{177}Lu / ^{178}Lu, E < 39 MeV; measured Eγ, Iγ, excitation functions using the stacked foil activation technique. JOUR NIMBE 266 3919
^{172}Hf	2007ZH46	NUCLEAR REACTIONS ^{128}Te(^{48}Ca, 4n), (^{48}Ca, 5n), E=209 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{171,172}Hf; deduced levels, J, π, configurations, superdeformed bands. ^{163}Lu, ^{170,173,174,175}Hf; systematics. JOUR PRVCA 76 064321
	2008LI23	NUCLEAR REACTIONS ^{144}Sm(^{16}O, 4n), E=102 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular distributions. ^{156}Yb; deduced levels, J, π, bands; calculated deformation parameters. ^{150,152,154,156,158,160,162,164,166,168,170}Dy, ^{152,154,156,158,160,162,164,166,168,170,172}Er, ^{154,156,158,160,162,164,166,168,170,172,174}Yb, ^{156,158,160,162,164,166,168,170,172,174,176,178,180}Hf; discussed level systematics. Comparison with cranked Woods-Saxon-Strutinsky model. JOUR PRVCA 77 064323
	2008MC01	RADIOACTIVITY ^{170,172,174}Ta(β^+), (EC) [from ^{159}Tb(^{16}O, 5n), E=100 MeV; ^{165}Ho(^{12}C, 5n), E=80 MeV; ^{168}Er(^{11}B, 5n), E=65 MeV]; measured Eγ, Iγ, $\gamma\gamma$-coin, branching ratios. ^{170,172,174}Hf; deduced levels, J, π. ^{166,168,170,172,174}Hf; systematics. JOUR PRVCA 77 054304
	2008SI20	NUCLEAR REACTIONS ^{169}Tm(^{16}O, 3n), (^{16}O, 2nα), (^{16}O, n2α), (^{16}O, 4np2α), (^{16}O, np3α), E=5.6 MeV / nucleon; measured (particle)γ-coin, spin distributions. ^{177,178,179}Re, ^{180,181,182}Os, ^{180,181,182}Ir; measured yield ratios. JOUR PRVCA 78 017602
^{172}Ta	2008MC01	RADIOACTIVITY ^{170,172,174}Ta(β^+), (EC) [from ^{159}Tb(^{16}O, 5n), E=100 MeV; ^{165}Ho(^{12}C, 5n), E=80 MeV; ^{168}Er(^{11}B, 5n), E=65 MeV]; measured Eγ, Iγ, $\gamma\gamma$-coin, branching ratios. ^{170,172,174}Hf; deduced levels, J, π. ^{166,168,170,172,174}Hf; systematics. JOUR PRVCA 77 054304
^{172}Pt	2008MC04	RADIOACTIVITY ^{192}Au(β^+)(EC); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{192}Pt; deduced levels, J, π, B(E2). ^{172,174,176,178,180,182,184,186,188,190,192,194}Pt; systematics. Comparison with model calculations. JOUR PRVCA 78 014320

A=173

^{173}Yb	2008DE16	ATOMIC MASSES ^{96,98,99,100,101,102,104}Ru; measured absolute isotopic abundances by thermal-ionization mass spectrometry. ^{92,94,95,96,97,98,100}Mo, ^{138,139}La, ^{168,170,171,172,173,174,176}Yb, ^{180,181}Ta; compiled absolute isotopic abundances. JOUR PRVCA 77 045803
	2008YA10	RADIOACTIVITY ^{160}Tb(β^-), ^{160}Er, ^{173}Lu, ^{201}Tl, ^{203}Pb(EC), ^{182}Re, ^{207}Bi(EC), (β^+); measured L X-ray intensity ratios following decay and photoionization. Comparison with theory and other data. JOUR PYLBB 663 186
^{173}Lu	2008YA10	RADIOACTIVITY ^{160}Tb(β^-), ^{160}Er, ^{173}Lu, ^{201}Tl, ^{203}Pb(EC), ^{182}Re, ^{207}Bi(EC), (β^+); measured L X-ray intensity ratios following decay and photoionization. Comparison with theory and other data. JOUR PYLBB 663 186
^{173}Hf	2007ZH46	NUCLEAR REACTIONS ^{128}Te(^{48}Ca, 4n), (^{48}Ca, 5n), E=209 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{171,172}Hf; deduced levels, J, π, configurations, superdeformed bands. ^{163}Lu, ^{170,173,174,175}Hf; systematics. JOUR PRVCA 76 064321
	2008KI16	NUCLEAR REACTIONS Yb(α, nX)^{170}Hf / ^{171}Hf / ^{173}Hf / ^{175}Hf / ^{177}Hf, Yb(α, X)^{169}Yb / ^{177}Yb / ^{171}Lu / ^{172}Lu / ^{177}Lu / ^{178}Lu, E < 39 MeV; measured Eγ, Iγ, excitation functions using the stacked foil activation technique. JOUR NIMBE 266 3919

A=174

^{174}Yb	2007KAZN	RADIOACTIVITY ^{178}Hf(α); measured partial half-lives to daughter states. REPT JINR-E6-2007-33,Karamian
	2008DE16	ATOMIC MASSES ^{96,98,99,100,101,102,104}Ru; measured absolute isotopic abundances by thermal-ionization mass spectrometry. ^{92,94,95,96,97,98,100}Mo, ^{138,139}La, ^{168,170,171,172,173,174,176}Yb, ^{180,181}Ta; compiled absolute isotopic abundances. JOUR PRVCA 77 045803
	2008HAZY	NUCLEAR REACTIONS ^{171,173}Yb(d, pγ), E=18.5 MeV; measured Ep, Eγ, Iγ, pγ-coin; ^{171,173}Yb(n, γ); deduced cross sections using the surrogate method. CONF Yosemit(CNR 2007) Proc.P105,Hatarik
	2008LI23	NUCLEAR REACTIONS ^{144}Sm(^{16}O, 4n), E=102 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular distributions. ^{156}Yb; deduced levels, J, π, bands; calculated deformation parameters. ^{150,152,154,156,158,160,162,164,166,168,170}Dy, ^{152,154,156,158,160,162,164,166,168,170,172}Er, ^{154,156,158,160,162,164,166,168,170,172,174}Yb, ^{156,158,160,162,164,166,168,170,172,174,176,178,180}Hf; discussed level systematics. Comparison with cranked Woods-Saxon-Strutinsky model. JOUR PRVCA 77 064323
^{174}Lu	2007LU18	NUCLEAR REACTIONS ^{175}Lu, ^{198}Pt, ^{82}Se(n, 2n), E=13.5-14.6 MeV; measured Eγ, Iγ; deduced cross sections, isomeric cross section ratios. ^{93}Nb(n, 2n), E=13.5-14.6 MeV; compared cross sections. Comparisons with nuclear model calculations using the HFTT code. JOUR NIMBE 265 453

A=174 ***(continued)***

^{174}Hf	2007ZH46	NUCLEAR REACTIONS ^{128}Te(^{48}Ca, 4n), (^{48}Ca, 5n), E=209 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{171,172}Hf; deduced levels, J, π, configurations, superdeformed bands. ^{163}Lu, ^{170,173,174,175}Hf; systematics. JOUR PRVCA 76 064321
	2008LI23	NUCLEAR REACTIONS ^{144}Sm(^{16}O, 4n), E=102 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular distributions. ^{156}Yb; deduced levels, J, π, bands; calculated deformation parameters. ^{150,152,154,156,158,160,162,164,166,168,170}Dy, ^{152,154,156,158,160,162,164,166,168,170,172}Er, ^{154,156,158,160,162,164,166,168,170,172,174}Yb, ^{156,158,160,162,164,166,168,170,172,174,176,178,180}Hf; discussed level systematics. Comparison with cranked Woods-Saxon-Strutinsky model. JOUR PRVCA 77 064323
	2008MC01	RADIOACTIVITY ^{170,172,174}Ta(β^+), (EC) [from ^{159}Tb(^{16}O, 5n), E=100 MeV; ^{165}Ho(^{12}C, 5n), E=80 MeV; ^{168}Er(^{11}B, 5n), E=65 MeV]; measured Eγ, Iγ, $\gamma\gamma$-coin, branching ratios. ^{170,172,174}Hf; deduced levels, J, π. ^{166,168,170,172,174}Hf; systematics. JOUR PRVCA 77 054304
	2008TA03	NUCLEAR REACTIONS ^{128}Te(^{50}Ti, 4n), E=230 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin; ^{174}W; deduced levels, J, π, band alignments, searched for triaxial strongly deformed bands. ^{163,164,165,167}Lu, ^{174,175}Hf; analyzed energy spacings. JOUR PRVCA 77 024313
^{174}Ta	2008MC01	RADIOACTIVITY ^{170,172,174}Ta(β^+), (EC) [from ^{159}Tb(^{16}O, 5n), E=100 MeV; ^{165}Ho(^{12}C, 5n), E=80 MeV; ^{168}Er(^{11}B, 5n), E=65 MeV]; measured Eγ, Iγ, $\gamma\gamma$-coin, branching ratios. ^{170,172,174}Hf; deduced levels, J, π. ^{166,168,170,172,174}Hf; systematics. JOUR PRVCA 77 054304
^{174}W	2008TA03	NUCLEAR REACTIONS ^{128}Te(^{50}Ti, 4n), E=230 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin; ^{174}W; deduced levels, J, π, band alignments, searched for triaxial strongly deformed bands. ^{163,164,165,167}Lu, ^{174,175}Hf; analyzed energy spacings. JOUR PRVCA 77 024313
^{174}Pt	2008MC04	RADIOACTIVITY ^{192}Au(β^+)(EC); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{192}Pt; deduced levels, J, π, B(E2). ^{172,174,176,178,180,182,184,186,188,190,192,194}Pt; systematics. Comparison with model calculations. JOUR PRVCA 78 014320

A=175

^{175}Yb	2008KA15	NUCLEAR REACTIONS ^{174}Yb(n, γ), E=thermal; measured capture σ; deduced resonance integral by activation method. Comparison with other data. JOUR NIMBE 266 2549
^{175}Hf	2007ZH46	NUCLEAR REACTIONS ^{128}Te(^{48}Ca, 4n), (^{48}Ca, 5n), E=209 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{171,172}Hf; deduced levels, J, π, configurations, superdeformed bands. ^{163}Lu, ^{170,173,174,175}Hf; systematics. JOUR PRVCA 76 064321
	2008KI16	NUCLEAR REACTIONS Yb(α, nX)^{170}Hf / ^{171}Hf / ^{173}Hf / ^{175}Hf / ^{177}Hf, Yb(α, X)^{169}Yb / ^{177}Yb / ^{171}Lu / ^{172}Lu / ^{177}Lu / ^{178}Lu, E < 39 MeV; measured Eγ, Iγ, excitation functions using the stacked foil activation technique. JOUR NIMBE 266 3919

A=175 ***(continued)***

2008TA03 NUCLEAR REACTIONS ^{128}Te(^{50}Ti, 4n), E=230 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin; ^{174}W; deduced levels, J, π, band alignments, searched for triaxial strongly deformed bands. ^{163,164,165,167}Lu, ^{174,175}Hf; analyzed energy spacings. JOUR PRVCA 77 024313

2008YA20 NUCLEAR REACTIONS ^{96}Zr(^{76}Ge, 4n), E=310 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular distributions. ^{168}Hf; deduced levels, J, π, bands, configurations, strongly deformed triaxial bands. ^{170,171,175}Hf; systematics of bands. Comparison with cranked shell model calculations. JOUR PRVCA 78 044316

A=176

^{176}Yb 2008DE16 ATOMIC MASSES ^{96,98,99,100,101,102,104}Ru; measured absolute isotopic abundances by thermal-ionization mass spectrometry. ^{92,94,95,96,97,98,100}Mo, ^{138,139}La, ^{168,170,171,172,173,174,176}Yb, ^{180,181}Ta; compiled absolute isotopic abundances. JOUR PRVCA 77 045803

^{176}Hf 2008LI23 NUCLEAR REACTIONS ^{144}Sm(^{16}O, 4n), E=102 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular distributions. ^{156}Yb; deduced levels, J, π, bands; calculated deformation parameters. ^{150,152,154,156,158,160,162,164,166,168,170}Dy, ^{152,154,156,158,160,162,164,166,168,170,172}Er, ^{154,156,158,160,162,164,166,168,170,172,174}Yb, ^{156,158,160,162,164,166,168,170,172,174,176,178,180}Hf; discussed level systematics. Comparison with cranked Woods-Saxon-Strutinsky model. JOUR PRVCA 77 064323

^{176}Ta 2008SI20 NUCLEAR REACTIONS ^{169}Tm(^{16}O, 3n), (^{16}O, 2nα), (^{16}O, n2α), (^{16}O, 4np2α), (^{16}O, np3α), E=5.6 MeV / nucleon; measured (particle)γ-coin, spin distributions. ^{177,178,179}Re, ^{180,181,182}Os, ^{180,181,182}Ir; measured yield ratios. JOUR PRVCA 78 017602

^{176}Pt 2008MC04 RADIOACTIVITY ^{192}Au(β^+)(EC); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{192}Pt; deduced levels, J, π, B(E2). ^{172,174,176,178,180,182,184,186,188,190,192,194}Pt; systematics. Comparison with model calculations. JOUR PRVCA 78 014320

A=177

^{177}Yb 2008KI16 NUCLEAR REACTIONS Yb(α, nX)^{170}Hf / ^{171}Hf / ^{173}Hf / ^{175}Hf / ^{177}Hf, Yb(α, X)^{169}Yb / ^{177}Yb / ^{171}Lu / ^{172}Lu / ^{177}Lu / ^{178}Lu, E < 39 MeV; measured Eγ, Iγ, excitation functions using the stacked foil activation technique. JOUR NIMBE 266 3919

^{177}Lu 2008CA13 RADIOACTIVITY ^{177}Lu(β^-) [from ^{176}Lu(n, γ), E=thermal]; measured Eγ, Iγ, Eβ, Iβ, $T_{1/2}$ of ground and first metastable state. Comparison with other data. JOUR JRNCD 276 813

A=177 ***(continued)***

	2008DV01	NUCLEAR REACTIONS ^{176}Lu(n, γ)^{177}Lu, E=thermal; measured Eγ, Iγ. deduced reactor neutron spectrum, and irradiation yield of ^{177}Lu using the Westcott convention. Calculated k-factor, comparisons of Westcott, Hogdahl, and experimental irradiation yield of ^{177}Lu. JOUR ARISE 66 147
	2008KI16	NUCLEAR REACTIONS Yb(α, nX)^{170}Hf / ^{171}Hf / ^{173}Hf / ^{175}Hf / ^{177}Hf, Yb(α, X)^{169}Yb / ^{177}Yb / ^{171}Lu / ^{172}Lu / ^{177}Lu / ^{178}Lu, E < 39 MeV; measured Eγ, Iγ, excitation functions using the stacked foil activation technique. JOUR NIMBE 266 3919
^{177}Hf	2008CA13	RADIOACTIVITY ^{177}Lu(β^-) [from ^{176}Lu(n, γ), E=thermal]; measured Eγ, Iγ, Eβ, Iβ, $T_{1/2}$ of ground and first metastable state. Comparison with other data. JOUR JRNCD 276 813
	2008KI16	NUCLEAR REACTIONS Yb(α, nX)^{170}Hf / ^{171}Hf / ^{173}Hf / ^{175}Hf / ^{177}Hf, Yb(α, X)^{169}Yb / ^{177}Yb / ^{171}Lu / ^{172}Lu / ^{177}Lu / ^{178}Lu, E < 39 MeV; measured Eγ, Iγ, excitation functions using the stacked foil activation technique. JOUR NIMBE 266 3919
	2008SI02	NUCLEAR REACTIONS ^{159}Tb(^{16}O, 3nα), (^{16}O, 4nα), (^{16}O, 3npα), (^{16}O, n2α), E=95 MeV; ^{159}Tb(^{16}O, 3npα), (^{16}O, n2pα), (^{16}O, n3pα), (^{16}O, 4nα), (^{16}O, 2nα), E=95 MeV; measured Eγ, Iγ, production cross sections, excitation functions. ^{167,168}Lu, ^{167}Yb, ^{177}W, ^{166}Tb, ^{178}Ta, ^{177}Hf, ^{177,179}Re; measured excitation functions in fusion reactions. JOUR PRVCA 77 014607
^{177}W	2008SI02	NUCLEAR REACTIONS ^{159}Tb(^{16}O, 3nα), (^{16}O, 4nα), (^{16}O, 3npα), (^{16}O, n2α), E=95 MeV; ^{159}Tb(^{16}O, 3npα), (^{16}O, n2pα), (^{16}O, n3pα), (^{16}O, 4nα), (^{16}O, 2nα), E=95 MeV; measured Eγ, Iγ, production cross sections, excitation functions. ^{167,168}Lu, ^{167}Yb, ^{177}W, ^{166}Tb, ^{178}Ta, ^{177}Hf, ^{177,179}Re; measured excitation functions in fusion reactions. JOUR PRVCA 77 014607
^{177}Re	2008SI02	NUCLEAR REACTIONS ^{159}Tb(^{16}O, 3nα), (^{16}O, 4nα), (^{16}O, 3npα), (^{16}O, n2α), E=95 MeV; ^{159}Tb(^{16}O, 3npα), (^{16}O, n2pα), (^{16}O, n3pα), (^{16}O, 4nα), (^{16}O, 2nα), E=95 MeV; measured Eγ, Iγ, production cross sections, excitation functions. ^{167,168}Lu, ^{167}Yb, ^{177}W, ^{166}Tb, ^{178}Ta, ^{177}Hf, ^{177,179}Re; measured excitation functions in fusion reactions. JOUR PRVCA 77 014607
	2008SI20	NUCLEAR REACTIONS ^{169}Tm(^{16}O, 3n), (^{16}O, 2nα), (^{16}O, n2α), (^{16}O, 4np2α), (^{16}O, np3α), E=5.6 MeV / nucleon; measured (particle)γ-coin, spin distributions. ^{177,178,179}Re, ^{180,181,182}Os, ^{180,181,182}Ir; measured yield ratios. JOUR PRVCA 78 017602

A=178

^{178}Lu	2008KI16	NUCLEAR REACTIONS Yb(α, nX)^{170}Hf / ^{171}Hf / ^{173}Hf / ^{175}Hf / ^{177}Hf, Yb(α, X)^{169}Yb / ^{177}Yb / ^{171}Lu / ^{172}Lu / ^{177}Lu / ^{178}Lu, E < 39 MeV; measured Eγ, Iγ, excitation functions using the stacked foil activation technique. JOUR NIMBE 266 3919
^{178}Hf	2007KAZN	RADIOACTIVITY ^{178}Hf(α); measured partial half-lives to daughter states. REPT JINR-E6-2007-33,Karamian

A=178 *(continued)*

	2008LI23	NUCLEAR REACTIONS ^{144}Sm(^{16}O, 4n), E=102 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular distributions. ^{156}Yb; deduced levels, J, π, bands; calculated deformation parameters. ^{150,152,154,156,158,160,162,164,166,168,170}Dy, ^{152,154,156,158,160,162,164,166,168,170,172}Er, ^{154,156,158,160,162,164,166,168,170,172,174}Yb, ^{156,158,160,162,164,166,168,170,172,174,176,178,180}Hf; discussed level systematics. Comparison with cranked Woods-Saxon-Strutinsky model. JOUR PRVCA 77 064323
^{178}Ta	2008SI02	NUCLEAR REACTIONS ^{159}Tb(^{16}O, 3nα), (^{16}O, 4nα), (^{16}O, 3npα), (^{16}O, n2α), E=95 MeV; ^{159}Tb(^{16}O, 3npα), (^{16}O, n2pα), (^{16}O, n3pα), (^{16}O, 4nα), (^{16}O, 2nα), E=95 MeV; measured Eγ, Iγ, production cross sections, excitation functions. ^{167,168}Lu, ^{167}Yb, ^{177}W, ^{166}Tb, ^{178}Ta, ^{177}Hf, ^{177,179}Re; measured excitation functions in fusion reactions. JOUR PRVCA 77 014607
^{178}Re	2008SI20	NUCLEAR REACTIONS ^{169}Tm(^{16}O, 3n), (^{16}O, 2nα), (^{16}O, n2α), (^{16}O, 4np2α), (^{16}O, np3α), E=5.6 MeV / nucleon; measured (particle)γ-coin, spin distributions. ^{177,178,179}Re, ^{180,181,182}Os, ^{180,181,182}Ir; measured yield ratios. JOUR PRVCA 78 017602
^{178}Pt	2008MC04	RADIOACTIVITY ^{192}Au(β^+)(EC); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{192}Pt; deduced levels, J, π, B(E2). ^{172,174,176,178,180,182,184,186,188,190,192,194}Pt; systematics. Comparison with model calculations. JOUR PRVCA 78 014320

A=179

^{179}W	2008FA06	NUCLEAR REACTIONS ^{51}V(n, p), E=14.1, 14.6 MeV; ^{64}Ni(n, α), E=13.5, 14.6 MeV; ^{165}Ho(n, α), (n, 2n), E=14.1, 14.6 MeV; ^{180}W(n, 2n), E=13.5, 14.1 MeV; ^{186}W(n, 2n), E=14.1 MeV; measured σ using activation technique. Comparison with other data. JOUR ARISE 66 1104
^{179}Re	2008SI02	NUCLEAR REACTIONS ^{159}Tb(^{16}O, 3nα), (^{16}O, 4nα), (^{16}O, 3npα), (^{16}O, n2α), E=95 MeV; ^{159}Tb(^{16}O, 3npα), (^{16}O, n2pα), (^{16}O, n3pα), (^{16}O, 4nα), (^{16}O, 2nα), E=95 MeV; measured Eγ, Iγ, production cross sections, excitation functions. ^{167,168}Lu, ^{167}Yb, ^{177}W, ^{166}Tb, ^{178}Ta, ^{177}Hf, ^{177,179}Re; measured excitation functions in fusion reactions. JOUR PRVCA 77 014607
	2008SI20	NUCLEAR REACTIONS ^{169}Tm(^{16}O, 3n), (^{16}O, 2nα), (^{16}O, n2α), (^{16}O, 4np2α), (^{16}O, np3α), E=5.6 MeV / nucleon; measured (particle)γ-coin, spin distributions. ^{177,178,179}Re, ^{180,181,182}Os, ^{180,181,182}Ir; measured yield ratios. JOUR PRVCA 78 017602

A=180

^{180}Hf	2008CHZZ	NUCLEAR REACTIONS ^{232}Th(^{180}Hf, ^{180}Hf'), E=1300 MeV; measured Ep, Ip, Eγ, Iγ, (fragment)γ-, $\gamma\gamma$-coin; ^{180}Hf; deduced levels, J, π, vibrational band structure. CONF Crete(FINUSTAR 2),Proc.P265,Chowdhury
	2008LI23	NUCLEAR REACTIONS ^{144}Sm(^{16}O, 4n), E=102 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular distributions. ^{156}Yb; deduced levels, J, π, bands; calculated deformation parameters. ^{150,152,154,156,158,160,162,164,166,168,170}Dy, ^{152,154,156,158,160,162,164,166,168,170,172}Er, ^{154,156,158,160,162,164,166,168,170,172,174}Yb, ^{156,158,160,162,164,166,168,170,172,174,176,178,180}Hf; discussed level systematics. Comparison with cranked Woods-Saxon-Strutinsky model. JOUR PRVCA 77 064323
	2008NG01	NUCLEAR REACTIONS ^{179,180}Hf(n, γ), E=thermal; measured Eγ, Iγ, cross sections, and resonance integrals using the stacked foil activation technique. JOUR NIMBE 266 21
	2008TA28	NUCLEAR REACTIONS ^{232}Th(^{180}Hf, ^{180}Hf'), E=1300 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{180}Hf; deduced levels, J, π. JOUR PRLTA 101 182503
	2008VO04	NUCLEAR REACTIONS ^{180,182}Hf(n, γ), E=thermal; measured Eγ, Iγ, σ, reaction rates. ^{94,96}Zr(n, γ), E=thermal; measured reaction rates. ^{23}Na, ^{37}Cl, ^{55}Mn, ^{115}In, ^{179}Hf, ^{182}Ta(n, γ), E=thermal; measured Eγ. JOUR PRVCA 77 044608
	2008ZA01	RADIOACTIVITY ^{180}Hf(IT); measured Eγ, Iγ as a function of temperature and nuclear orientation. Deduced assymetry of the isomeric transition, parity mixing. JOUR APOBB 39 411
^{180}Ta	2008DE16	ATOMIC MASSES ^{96,98,99,100,101,102,104}Ru; measured absolute isotopic abundances by thermal-ionization mass spectrometry. ^{92,94,95,96,97,98,100}Mo, ^{138,139}La, ^{168,170,171,172,173,174,176}Yb, ^{180,181}Ta; compiled absolute isotopic abundances. JOUR PRVCA 77 045803
^{180}W	2007KA62	NUCLEAR REACTIONS W(n, γ), E=thermal; measured Eγ, Iγ. ^{180,181,185,187}W; measured capture cross sections. JOUR PRVCA 76 067602
^{180}Os	2008SI20	NUCLEAR REACTIONS ^{169}Tm(^{16}O, 3n), (^{16}O, 2nα), (^{16}O, n2α), (^{16}O, 4np2α), (^{16}O, np3α), E=5.6 MeV / nucleon; measured (particle)γ-coin, spin distributions. ^{177,178,179}Re, ^{180,181,182}Os, ^{180,181,182}Ir; measured yield ratios. JOUR PRVCA 78 017602
^{180}Ir	2008SI20	NUCLEAR REACTIONS ^{169}Tm(^{16}O, 3n), (^{16}O, 2nα), (^{16}O, n2α), (^{16}O, 4np2α), (^{16}O, np3α), E=5.6 MeV / nucleon; measured (particle)γ-coin, spin distributions. ^{177,178,179}Re, ^{180,181,182}Os, ^{180,181,182}Ir; measured yield ratios. JOUR PRVCA 78 017602
^{180}Pt	2008MC04	RADIOACTIVITY ^{192}Au(β^+)(EC); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{192}Pt; deduced levels, J, π, B(E2). ^{172,174,176,178,180,182,184,186,188,190,192,194}Pt; systematics. Comparison with model calculations. JOUR PRVCA 78 014320

A=180 *(continued)*

^{180}Hg	2008GRZV	NUCLEAR REACTIONS ^{94}Mo(^{88}Sr, 2n), E=378 MeV; ^{113}Cd(^{86}Kr, 3n), E=382 MeV; ^{180}Hg, ^{196}Po; measured Eγ, Iγ, (recoil)γ-coin; deduced B(E2), quadrupole moments. CONF Crete(FINUSTAR 2),Proc.P260,Grahn

A=181

^{181}Hf	2008NG01	NUCLEAR REACTIONS ^{179,180}Hf(n, γ), E=thermal; measured Eγ, Iγ, cross sections, and resonance integrals using the stacked foil activation technique. JOUR NIMBE 266 21
	2008VO04	NUCLEAR REACTIONS ^{180,182}Hf(n, γ), E=thermal; measured Eγ, Iγ, σ, reaction rates. ^{94,96}Zr(n, γ), E=thermal; measured reaction rates. ^{23}Na, ^{37}Cl, ^{55}Mn, ^{115}In, ^{179}Hf, ^{182}Ta(n, γ), E=thermal; measured Eγ. JOUR PRVCA 77 044608
^{181}Ta	2008DE16	ATOMIC MASSES ^{96,98,99,100,101,102,104}Ru; measured absolute isotopic abundances by thermal-ionization mass spectrometry. ^{92,94,95,96,97,98,100}Mo, ^{138,139}La, ^{168,170,171,172,173,174,176}Yb, ^{180,181}Ta; compiled absolute isotopic abundances. JOUR PRVCA 77 045803
^{181}W	2007KA62	NUCLEAR REACTIONS W(n, γ), E=thermal; measured Eγ, Iγ. ^{180,181,185,187}W; measured capture cross sections. JOUR PRVCA 76 067602
^{181}Re	2008KH03	NUCLEAR REACTIONS W(P, X)^{181}Re / ^{182}Re / ^{183}Re / ^{184}Re / ^{186}Re, E < 40 MeV; measured Eγ, IΓ, yields, and excitation functions using stacked foil activation technique. Compared results to existing data and model calculations. JOUR NIMBE 266 1021
^{181}Os	2008SI20	NUCLEAR REACTIONS ^{169}Tm(^{16}O, 3n), (^{16}O, 2nα), (^{16}O, n2α), (^{16}O, 4np2α), (^{16}O, np3α), E=5.6 MeV / nucleon; measured (particle)γ-coin, spin distributions. ^{177,178,179}Re, ^{180,181,182}Os, ^{180,181,182}Ir; measured yield ratios. JOUR PRVCA 78 017602
^{181}Ir	2008SI20	NUCLEAR REACTIONS ^{169}Tm(^{16}O, 3n), (^{16}O, 2nα), (^{16}O, n2α), (^{16}O, 4np2α), (^{16}O, np3α), E=5.6 MeV / nucleon; measured (particle)γ-coin, spin distributions. ^{177,178,179}Re, ^{180,181,182}Os, ^{180,181,182}Ir; measured yield ratios. JOUR PRVCA 78 017602
^{181}Tl	2008WE02	ATOMIC MASSES ^{145,147}Cs, ^{181,183,186,187,196,205}Tl, ^{197,208}Pb, ^{190,191,192,193,194,195,196,197,209,215,216}Bi, ^{203,205,229}Fr, ^{214,229,230}Ra; measured masses using the ISOLTRAP Penning trap mass spectrometer. JOUR NUPAB 803 1

A=182

^{182}Ta	2008KO07	RADIOACTIVITY ^{182}Ta(β^-) [from ^{181}Ta(n, γ), E=thermal]; measured Eγ, Iγ, $\beta\gamma$-coin; deduced disintegration rate. JOUR ARISE 66 934
^{182}W	2008KO07	RADIOACTIVITY ^{182}Ta(β^-) [from ^{181}Ta(n, γ), E=thermal]; measured Eγ, Iγ, $\beta\gamma$-coin; deduced disintegration rate. JOUR ARISE 66 934

A=182 ***(continued)***

	2008YA10	RADIOACTIVITY ^{160}Tb(β^-), ^{160}Er, ^{173}Lu, ^{201}Tl, ^{203}Pb(EC), ^{182}Re, ^{207}Bi(EC), (β^+); measured L X-ray intensity ratios following decay and photoionization. Comparison with theory and other data. JOUR PYLBB 663 186
^{182}Re	2008KH03	NUCLEAR REACTIONS W(P, X)^{181}Re / ^{182}Re / ^{183}Re / ^{184}Re / ^{186}Re, E < 40 MeV; measured Eγ, IΓ, yields, and excitation functions using stacked foil activation technique. Compared results to existing data and model calculations. JOUR NIMBE 266 1021
	2008YA10	RADIOACTIVITY ^{160}Tb(β^-), ^{160}Er, ^{173}Lu, ^{201}Tl, ^{203}Pb(EC), ^{182}Re, ^{207}Bi(EC), (β^+); measured L X-ray intensity ratios following decay and photoionization. Comparison with theory and other data. JOUR PYLBB 663 186
^{182}Os	2008SI20	NUCLEAR REACTIONS ^{169}Tm(^{16}O, 3n), (^{16}O, 2nα), (^{16}O, n2α), (^{16}O, 4np2α), (^{16}O, np3α), E=5.6 MeV / nucleon; measured (particle)γ-coin, spin distributions. ^{177,178,179}Re, ^{180,181,182}Os, ^{180,181,182}Ir; measured yield ratios. JOUR PRVCA 78 017602
^{182}Ir	2008SI20	NUCLEAR REACTIONS ^{169}Tm(^{16}O, 3n), (^{16}O, 2nα), (^{16}O, n2α), (^{16}O, 4np2α), (^{16}O, np3α), E=5.6 MeV / nucleon; measured (particle)γ-coin, spin distributions. ^{177,178,179}Re, ^{180,181,182}Os, ^{180,181,182}Ir; measured yield ratios. JOUR PRVCA 78 017602
^{182}Pt	2008MC04	RADIOACTIVITY ^{192}Au(β^+)(EC); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{192}Pt; deduced levels, J, π, B(E2). ^{172,174,176,178,180,182,184,186,188,190,192,194}Pt; systematics. Comparison with model calculations. JOUR PRVCA 78 014320

A=183

^{183}Hf	2008VO04	NUCLEAR REACTIONS ^{180,182}Hf(n, γ), E=thermal; measured Eγ, Iγ, σ, reaction rates. ^{94,96}Zr(n, γ), E=thermal; measured reaction rates. ^{23}Na, ^{37}Cl, ^{55}Mn, ^{115}In, ^{179}Hf, ^{182}Ta(n, γ), E=thermal; measured Eγ. JOUR PRVCA 77 044608
	2008VO04	RADIOACTIVITY ^{183}Hf(β^-); measured Eγ, Iγ, absolute γ-ray intensities. JOUR PRVCA 77 044608
^{183}Ta	2008VO04	NUCLEAR REACTIONS ^{180,182}Hf(n, γ), E=thermal; measured Eγ, Iγ, σ, reaction rates. ^{94,96}Zr(n, γ), E=thermal; measured reaction rates. ^{23}Na, ^{37}Cl, ^{55}Mn, ^{115}In, ^{179}Hf, ^{182}Ta(n, γ), E=thermal; measured Eγ. JOUR PRVCA 77 044608
	2008VO04	RADIOACTIVITY ^{183}Hf(β^-); measured Eγ, Iγ, absolute γ-ray intensities. JOUR PRVCA 77 044608
^{183}Re	2008KH03	NUCLEAR REACTIONS W(P, X)^{181}Re / ^{182}Re / ^{183}Re / ^{184}Re / ^{186}Re, E < 40 MeV; measured Eγ, IΓ, yields, and excitation functions using stacked foil activation technique. Compared results to existing data and model calculations. JOUR NIMBE 266 1021
^{183}Os	2008ZH21	NUCLEAR REACTIONS ^{93}Nb, ^{184,186,192}Os(n, 2n), ^{189}Os(n, p), ^{190}Os(n, α), E=13.5, 14.7 MeV; measured Eγ, Iγ, σ. JOUR ARISE 66 1488

A=183 *(continued)*

^{183}Tl	2008WE02	ATOMIC MASSES ^{145,147}Cs, ^{181,183,186,187,196,205}Tl, ^{197,208}Pb, ^{190,191,192,193,194,195,196,197,209,215,216}Bi, ^{203,205,229}Fr, ^{214,229,230}Ra; measured masses using the ISOLTRAP Penning trap mass spectrometer. JOUR NUPAB 803 1

A=184

^{184}Re	2008KH03	NUCLEAR REACTIONS W(P, X)^{181}Re / ^{182}Re / ^{183}Re / ^{184}Re / ^{186}Re, E < 40 MeV; measured Eγ, IΓ, yields, and excitation functions using stacked foil activation technique. Compared results to existing data and model calculations. JOUR NIMBE 266 1021
^{184}Pt	2008MC04	RADIOACTIVITY ^{192}Au(β^+)(EC); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{192}Pt; deduced levels, J, π, B(E2). ^{172,174,176,178,180,182,184,186,188,190,192,194}Pt; systematics. Comparison with model calculations. JOUR PRVCA 78 014320

A=185

^{185}W	2007KA62	NUCLEAR REACTIONS W(n, γ), E=thermal; measured Eγ, Iγ. ^{180,181,185,187}W; measured capture cross sections. JOUR PRVCA 76 067602
	2008FA06	NUCLEAR REACTIONS ^{51}V(n, p), E=14.1, 14.6 MeV; ^{64}Ni(n, α), E=13.5, 14.6 MeV; ^{165}Ho(n, α), (n, 2n), E=14.1, 14.6 MeV; ^{180}W(n, 2n), E=13.5, 14.1 MeV; ^{186}W(n, 2n), E=14.1 MeV; measured σ using activation technique. Comparison with other data. JOUR ARISE 66 1104
^{185}Os	2008ZH21	NUCLEAR REACTIONS ^{93}Nb, ^{184,186,192}Os(n, 2n), ^{189}Os(n, p), ^{190}Os(n, α), E=13.5, 14.7 MeV; measured Eγ, Iγ, σ. JOUR ARISE 66 1488
^{185}Tl	2007DOZW	RADIOACTIVITY ^{189}Bi(α) [from ^{109}Ag(^{83}Kr, 3n), E=375 MeV]; measured Eα, Iα. ^{185}Tl; deduced levels. CONF Lisbon (PROCON 2007),Proc.P196,Dossat
^{185}Pb	2008PAZX	NUCLEAR REACTIONS ^{106}Pd(^{82}Kr, 3n), E=367 MeV; measured Eγ, Iγ, Eα, Iα, $\alpha\gamma\gamma$-coin.^{185}Pb, deduced levels, J, π. CONF Crete(FINUSTAR 2),Proc.P413,Pakarinen

A=186

^{186}W	2008EV01	NUCLEAR REACTIONS ^{144,154}Sm, ^{166}Er, ^{186}W, ^{197}Au, ^{208}Pb(^{16}O, ^{16}O), E=17-26 MeV; measured yields, $\sigma(\theta)$, diffuseness parameter. Coupled-channel calculations. JOUR PRVCA 78 034614
^{186}Re	2008KH03	NUCLEAR REACTIONS W(P, X)^{181}Re / ^{182}Re / ^{183}Re / ^{184}Re / ^{186}Re, E < 40 MeV; measured Eγ, IΓ, yields, and excitation functions using stacked foil activation technique. Compared results to existing data and model calculations. JOUR NIMBE 266 1021

A=186 *(continued)*

^{186}Os	2008GAZW	NUCLEAR REACTIONS ^{185,187}Re(^{3}He, dγ), E=30 MeV; measured Eγ, Iγ, $\sigma(\theta)$; ^{186,188}Os; deduced B(E2), rotational bands. CONF Crete(FINUSTAR 2),Proc.P188,Garrett
^{186}Pt	2008MC04	RADIOACTIVITY ^{192}Au(β^+)(EC); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{192}Pt; deduced levels, J, π, B(E2). ^{172,174,176,178,180,182,184,186,188,190,192,194}Pt; systematics. Comparison with model calculations. JOUR PRVCA 78 014320
^{186}Tl	2008WE02	ATOMIC MASSES ^{145,147}Cs, ^{181,183,186,187,196,205}Tl, ^{197,208}Pb, ^{190,191,192,193,194,195,196,197,209,215,216}Bi, ^{203,205,229}Fr, ^{214,229,230}Ra; measured masses using the ISOLTRAP Penning trap mass spectrometer. JOUR NUPAB 803 1
^{186}Pb	2007WI11	RADIOACTIVITY ^{190,197}Po(α); measured Eα. JOUR ZAANE 34 275
	2008GR04	NUCLEAR REACTIONS ^{106,108}Pd, ^{114}Cd(^{83}Kr, 3n), E=340, 357, 375 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin and lifetimes for intruder states using the recoil distance Doppler-shift method. ^{186,188}Pb, ^{194}Po; deduced B(E2), quadrupole moment and deformation parameters. JUROGAM array used with RITU, GREAT spectrometer. Recoil-decay tagging. JOUR NUPAB 801 83

A=187

^{187}W	2007KA62	NUCLEAR REACTIONS W(n, γ), E=thermal; measured Eγ, Iγ. ^{180,181,185,187}W; measured capture cross sections. JOUR PRVCA 76 067602
	2008BO26	NUCLEAR REACTIONS ^{186}W(n, γ), E=thermal; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin; deduced σ. ^{186}W(d, p), E=18, 22 MeV; ^{186}W(polarized d, p), E=18 MeV; measured particle spectra, $\sigma(\theta)$, asymmetry. ^{187}W deduced levels, J, π, branching ratios, neutron binding energy, spectroscopic strengths, band structure. DWBA analysis, quasiparticle-phonon model calculation. Enriched target, Ge detectors, Q3D magnetic spectrograph. JOUR NUPAB 811 28
	2008SH12	NUCLEAR REACTIONS ^{186}W(^{18}O, ^{17}O), E=180 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{187}W; deduced levels, J, π, band structures and configurations. ^{16,17,18,19}O; measured ion energy losses. JOUR PRVCA 77 047303
	2008UD04	NUCLEAR REACTIONS ^{186}W(n, γ), E=0.0536 eV; measured Eγ, Iγ, cross section using activation technique. Compared results to model calculations. JOUR ARISE 66 1235
	2008ZH21	NUCLEAR REACTIONS ^{93}Nb, ^{184,186,192}Os(n, 2n), ^{189}Os(n, p), ^{190}Os(n, α), E=13.5, 14.7 MeV; measured Eγ, Iγ, σ. JOUR ARISE 66 1488
^{187}Os	2008MO03	NUCLEAR REACTIONS ^{186,187,188}Os(n, γ), E < 1 MeV; measured capture cross sections. Deduced Maxwellian-averaged cross sections. ^{187}Os(n, n'), E≈ 30 keV; measured inelastic scattering cross section. JOUR JPGPE 35 014015

A=187 *(continued)*

^{187}Tl	2008WE02	ATOMIC MASSES ^{145,147}Cs, ^{181,183,186,187,196,205}Tl, ^{197,208}Pb, ^{190,191,192,193,194,195,196,197,209,215,216}Bi, ^{203,205,229}Fr, ^{214,229,230}Ra; measured masses using the ISOLTRAP Penning trap mass spectrometer. JOUR NUPAB 803 1

A=188

^{188}Os	2008GAZW	NUCLEAR REACTIONS ^{185,187}Re(^{3}He, dγ), E=30 MeV; measured Eγ, Iγ, $\sigma(\theta)$; ^{186,188}Os; deduced B(E2), rotational bands. CONF Crete(FINUSTAR 2),Proc.P188,Garrett
	2008MO03	NUCLEAR REACTIONS ^{186,187,188}Os(n, γ), E < 1 MeV; measured capture cross sections. Deduced Maxwellian-averaged cross sections. ^{187}Os(n, n'), E≈ 30 keV; measured inelastic scattering cross section. JOUR JPGPE 35 014015
^{188}Ir	2008JU02	NUCLEAR REACTIONS ^{186}W(^{7}Li, 5nγ), E=59 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin.^{188}Ir; deduced levels, J, π, deformation parameters. JOUR PRVCA 77 024310
^{188}Pt	2008LI18	NUCLEAR REACTIONS ^{176}Yb(^{18}O, 6n), E=88, 95 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{188}Pt; deduced levels, J, π. Compared results to model calculations. JOUR CPLEE 25 1633
	2008MC04	RADIOACTIVITY ^{192}Au(β^+)(EC); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{192}Pt; deduced levels, J, π, B(E2). ^{172,174,176,178,180,182,184,186,188,190,192,194}Pt; systematics. Comparison with model calculations. JOUR PRVCA 78 014320
^{188}Pb	2008GR04	NUCLEAR REACTIONS ^{106,108}Pd, ^{114}Cd(^{83}Kr, 3n), E=340, 357, 375 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin and lifetimes for intruder states using the recoil distance Doppler-shift method. ^{186,188}Pb, ^{194}Po; deduced B(E2), quadrupole moment and deformation parameters. JUROGAM array used with RITU, GREAT spectrometer. Recoil-decay tagging. JOUR NUPAB 801 83

A=189

^{189}Re	2008ZH21	NUCLEAR REACTIONS ^{93}Nb, ^{184,186,192}Os(n, 2n), ^{189}Os(n, p), ^{190}Os(n, α), E=13.5, 14.7 MeV; measured Eγ, Iγ, σ. JOUR ARISE 66 1488
^{189}Os	2008MO03	NUCLEAR REACTIONS ^{186,187,188}Os(n, γ), E < 1 MeV; measured capture cross sections. Deduced Maxwellian-averaged cross sections. ^{187}Os(n, n'), E≈ 30 keV; measured inelastic scattering cross section. JOUR JPGPE 35 014015
^{189}Bi	2007DOZW	NUCLEAR REACTIONS ^{109}Ag(^{83}Kr, 3n), E=375 MeV; measured Eγ, Iγ, Eα, Iα, recoils, ce, $\gamma\gamma$(t), charged particles, $\gamma\gamma$ coin, (recoil)$\alpha\gamma(\theta)$. ^{189}Bi; deduced levels, $T_{1/2}$, band structure. CONF Lisbon (PROCON 2007),Proc.P196,Dossat
	2007DOZW	RADIOACTIVITY ^{189}Bi(α) [from ^{109}Ag(^{83}Kr, 3n), E=375 MeV]; measured Eα, Iα. ^{185}Tl; deduced levels. CONF Lisbon (PROCON 2007),Proc.P196,Dossat

A=190

^{190}Pt	2008MC04	RADIOACTIVITY ^{192}Au(β^+)(EC); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{192}Pt; deduced levels, J, π, B(E2). ^{172,174,176,178,180,182,184,186,188,190,192,194}Pt; systematics. Comparison with model calculations. JOUR PRVCA 78 014320
^{190}Bi	2008WE02	ATOMIC MASSES ^{145,147}Cs, ^{181,183,186,187,196,205}Tl, ^{197,208}Pb, ^{190,191,192,193,194,195,196,197,209,215,216}Bi, ^{203,205,229}Fr, ^{214,229,230}Ra; measured masses using the ISOLTRAP Penning trap mass spectrometer. JOUR NUPAB 803 1
^{190}Po	2007WI11	NUCLEAR REACTIONS ^{144}Sm(^{49}Ti, 3n), E=222 MeV; measured Eγ, Iγ, recoil decay tagging, $\gamma\gamma$-, $\alpha\gamma$-coin. ^{190,197}Po deduced levels, J, π, bands. JUROGAM array used with RITU, GREAT spectrometer. JOUR ZAANE 34 275
	2007WI11	RADIOACTIVITY ^{190,197}Po(α); measured Eα. JOUR ZAANE 34 275

A=191

^{191}Os	2008ZH21	NUCLEAR REACTIONS ^{93}Nb, ^{184,186,192}Os(n, 2n), ^{189}Os(n, p), ^{190}Os(n, α), E=13.5, 14.7 MeV; measured Eγ, Iγ, σ. JOUR ARISE 66 1488
^{191}Pt	2008ER03	RADIOACTIVITY ^{191}Au, Pt(β^+); measured Eγ, Iγ. JOUR PANUE 71 397
^{191}Au	2008ER03	NUCLEAR REACTIONS ^{197}Au(γ, n), (γ, 2n), (γ, 3n), (γ, 4n), (γ, 5n), (γ, 6n), E < 67.7 MeV; measured Eγ, Iγ of residual, σ integrated, yields using activation technique. JOUR PANUE 71 397
	2008ER03	RADIOACTIVITY ^{191}Au, Pt(β^+); measured Eγ, Iγ. JOUR PANUE 71 397
^{191}Pb	2008AN11	RADIOACTIVITY ^{195,196}Po, ^{196,197,197m,198,199}At(α) [from ^{118}Sn(^{82}Kr, X), E=362 MeV]; measured α-spectra, α(recoil)-coin, half-lives. JOUR PRVCA 78 044328
^{191}Bi	2008WE02	ATOMIC MASSES ^{145,147}Cs, ^{181,183,186,187,196,205}Tl, ^{197,208}Pb, ^{190,191,192,193,194,195,196,197,209,215,216}Bi, ^{203,205,229}Fr, ^{214,229,230}Ra; measured masses using the ISOLTRAP Penning trap mass spectrometer. JOUR NUPAB 803 1

A=192

^{192}Ir	2008TAZY	NUCLEAR REACTIONS ^{139}La, ^{152}Sm, ^{191,193}Ir(n, γ), E=55, 144 keV; measured Eγ, Iγ, cross sections. REPT JAEA-Conf 2008-006,P40,Tan
^{192}Pt	2008MC04	RADIOACTIVITY ^{192}Au(β^+)(EC); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{192}Pt; deduced levels, J, π, B(E2). ^{172,174,176,178,180,182,184,186,188,190,192,194}Pt; systematics. Comparison with model calculations. JOUR PRVCA 78 014320
^{192}Au	2008ER03	NUCLEAR REACTIONS ^{197}Au(γ, n), (γ, 2n), (γ, 3n), (γ, 4n), (γ, 5n), (γ, 6n), E < 67.7 MeV; measured Eγ, Iγ of residual, σ integrated, yields using activation technique. JOUR PANUE 71 397

A=192 ***(continued)***

	2008MC04	RADIOACTIVITY ^{192}Au(β^+)(EC); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{192}Pt; deduced levels, J, π, B(E2). ^{172,174,176,178,180,182,184,186,188,190,192,194}Pt; systematics. Comparison with model calculations. JOUR PRVCA 78 014320
^{192}Pb	2008AN11	RADIOACTIVITY ^{195,196}Po, ^{196,197,197m,198,199}At(α) [from ^{118}Sn(^{82}Kr, X), E=362 MeV]; measured α-spectra, α(recoil)-coin, half-lives. JOUR PRVCA 78 044328
^{192}Bi	2008AN11	RADIOACTIVITY ^{195,196}Po, ^{196,197,197m,198,199}At(α) [from ^{118}Sn(^{82}Kr, X), E=362 MeV]; measured α-spectra, α(recoil)-coin, half-lives. JOUR PRVCA 78 044328
	2008WE02	ATOMIC MASSES ^{145,147}Cs, ^{181,183,186,187,196,205}Tl, ^{197,208}Pb, ^{190,191,192,193,194,195,196,197,209,215,216}Bi, ^{203,205,229}Fr, ^{214,229,230}Ra; measured masses using the ISOLTRAP Penning trap mass spectrometer. JOUR NUPAB 803 1

A=193

^{193}Pt	2008HI03	NUCLEAR REACTIONS ^{192}Os(α, n), (α, 3n), E < 28 MeV; measured Eγ, Ig, cross sections using stacked foil activation. JOUR ARISE 66 545
	2008KOZY	NUCLEAR REACTIONS ^{192,194,195,196}Pt(n, γ), E<400 keV; measured Eγ, Iγ, cross sections; deduced resonance parameters, radiative width distributions. CONF Yosemit(CNR 2007) Proc.P119,Koehler
^{193}Au	2008ER03	NUCLEAR REACTIONS ^{197}Au(γ, n), (γ, 2n), (γ, 3n), (γ, 4n), (γ, 5n), (γ, 6n), E < 67.7 MeV; measured Eγ, Iγ of residual, σ integrated, yields using activation technique. JOUR PANUE 71 397
^{193}Pb	2007WI11	RADIOACTIVITY ^{190,197}Po(α); measured Eα. JOUR ZAANE 34 275
^{193}Bi	2008AN11	RADIOACTIVITY ^{195,196}Po, ^{196,197,197m,198,199}At(α) [from ^{118}Sn(^{82}Kr, X), E=362 MeV]; measured α-spectra, α(recoil)-coin, half-lives. JOUR PRVCA 78 044328
	2008WE02	ATOMIC MASSES ^{145,147}Cs, ^{181,183,186,187,196,205}Tl, ^{197,208}Pb, ^{190,191,192,193,194,195,196,197,209,215,216}Bi, ^{203,205,229}Fr, ^{214,229,230}Ra; measured masses using the ISOLTRAP Penning trap mass spectrometer. JOUR NUPAB 803 1
^{193}Po	2008AN05	RADIOACTIVITY ^{197,197m}Rn(α); measured half-life. JOUR PRVCA 77 054303

A=194

^{194}Os	2007KUZW	RADIOACTIVITY ^{198,199,202}Ir, ^{194,195,196,199,200}Os(β^-); measured correlations between implanted ions and β-decay events and half-lives. PREPRINT ArXiv:0711.0101v1 [nucl-ex]
^{194}Ir	2007KUZW	RADIOACTIVITY ^{198,199,202}Ir, ^{194,195,196,199,200}Os(β^-); measured correlations between implanted ions and β-decay events and half-lives. PREPRINT ArXiv:0711.0101v1 [nucl-ex]

A=194 ***(continued)***

	2008BA25	NUCLEAR REACTIONS ^{193}Ir(d, p), E=22 MeV; ^{196}Pt(polarized d, α), E=18 MeV; measured particle spectra, $\sigma(\theta)$, spectroscopic strengths, analyzing powers, angular distributions. ^{193}Ir(n, γ), (n, e$^-$); analyzed Eγ, Iγ, electron spectra, conversion coefficients. ^{194}Ir; deduced levels, J, π, multipolarities, bands. Comparison with theoretical data. JOUR PRVCA 77 064602
	2008TAZY	NUCLEAR REACTIONS ^{139}La, ^{152}Sm, ^{191,193}Ir(n, γ), E=55, 144 keV; measured Eγ, Iγ, cross sections. REPT JAEA-Conf 2008-006,P40,Tan
^{194}Pt	2008BA25	NUCLEAR REACTIONS ^{193}Ir(d, p), E=22 MeV; ^{196}Pt(polarized d, α), E=18 MeV; measured particle spectra, $\sigma(\theta)$, spectroscopic strengths, analyzing powers, angular distributions. ^{193}Ir(n, γ), (n, e$^-$); analyzed Eγ, Iγ, electron spectra, conversion coefficients. ^{194}Ir; deduced levels, J, π, multipolarities, bands. Comparison with theoretical data. JOUR PRVCA 77 064602
	2008GI07	NUCLEAR REACTIONS ^{27}Al, Ag, ^{197}Au(^{3}He, α), E=130, 270 MeV; ^{27}Al, Ag, ^{197}Au(p, α), E=200 MeV; measured α-spectra, σ, angular distributions, (particle)(particle)-coin, α-yields, multiplicity distributions, fragment charge distributions, linear momentum distributions of charged particles. JOUR PRVCA 78 034601
	2008MC04	RADIOACTIVITY ^{192}Au(β^+)(EC); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{192}Pt; deduced levels, J, π, B(E2). ^{172,174,176,178,180,182,184,186,188,190,192,194}Pt; systematics. Comparison with model calculations. JOUR PRVCA 78 014320
^{194}Au	2007KRZY	NUCLEAR REACTIONS ^{127}I(d, X)^{111}In / ^{119}Te / ^{121}I / ^{122}Sb / ^{123}I / ^{124}I / ^{125}Xe / ^{126}I, E=2.52 GeV; measured yields; ^{129}I(d, X)^{121}Te / ^{124}I / ^{126}I / ^{130}I, E=2.52 GeV; measured yields; ^{237}Np(d, X)^{97}Zr / ^{99}Mo / ^{132}Te / ^{133}I / ^{238}Np, E=2.52 GeV; measured yields; ^{238}Pu(d, X)^{97}Zr / ^{135}Xe, E≈2.5 GeV; measured yields; ^{239}Pu(d, X)^{103}Ru / ^{128}Sb / ^{132}Te / ^{133}I / ^{135}I / ^{135}Xe / ^{140}Ba / ^{143}Ce / ^{91}Sr / ^{97}Zr, E≈2.5 GeV; measured yields; ^{26}Al(n, α), ^{197}Au(n, γ), ^{197}Au(n, 2n), ^{197}Au(n, 4n), E not given; measured radial distributions of production rates of daughter nuclei; ^{89}Y(n, 2n), ^{89}Y(n, 3n), ^{89}Y(n, 4n), E not given; measured production rates of daughter nuclei. activation detector for transmutation setup; ^{238}U, Pb(n, f), ^{238}U, Pb(n, γ), E not given; measured σ. REPT JINR-E1-2007-7,Krivopustov
	2008ER03	NUCLEAR REACTIONS ^{197}Au(γ, n), (γ, 2n), (γ, 3n), (γ, 4n), (γ, 5n), (γ, 6n), E < 67.7 MeV; measured Eγ, Iγ of residual, σ integrated, yields using activation technique. JOUR PANUE 71 397
^{194}Bi	2008AN11	RADIOACTIVITY ^{195,196}Po, ^{196,197,197m,198,199}At(α) [from ^{118}Sn(^{82}Kr, X), E=362 MeV]; measured α-spectra, α(recoil)-coin, half-lives. JOUR PRVCA 78 044328
	2008WE02	ATOMIC MASSES ^{145,147}Cs, ^{181,183,186,187,196,205}Tl, ^{197,208}Pb, ^{190,191,192,193,194,195,196,197,209,215,216}Bi, ^{203,205,229}Fr, ^{214,229,230}Ra; measured masses using the ISOLTRAP Penning trap mass spectrometer. JOUR NUPAB 803 1

A=194 *(continued)*

^{194}Po	2008GR04	NUCLEAR REACTIONS ^{106,108}Pd, ^{114}Cd(^{83}Kr, 3n), E=340, 357, 375 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin and lifetimes for intruder states using the recoil distance Doppler-shift method. ^{186,188}Pb, ^{194}Po; deduced B(E2), quadrupole moment and deformation parameters. JUROGAM array used with RITU, GREAT spectrometer. Recoil-decay tagging. JOUR NUPAB 801 83

A=195

^{195}Os	2007KUZW	RADIOACTIVITY ^{198,199,202}Ir, ^{194,195,196,199,200}Os(β^-); measured correlations between implanted ions and β-decay events and half-lives. PREPRINT ArXiv:0711.0101v1 [nucl-ex]
^{195}Ir	2007KUZW	RADIOACTIVITY ^{198,199,202}Ir, ^{194,195,196,199,200}Os(β^-); measured correlations between implanted ions and β-decay events and half-lives. PREPRINT ArXiv:0711.0101v1 [nucl-ex]
^{195}Pt	2008HI03	NUCLEAR REACTIONS ^{192}Os(α, n), (α, 3n), E < 28 MeV; measured Eγ, Ig, cross sections using stacked foil activation. JOUR ARISE 66 545
	2008KOZY	NUCLEAR REACTIONS ^{192,194,195,196}Pt(n, γ), E<400 keV; measured Eγ, Iγ, cross sections; deduced resonance parameters, radiative width distributions. CONF Yosemit(CNR 2007) Proc.P119,Koehler
^{195}Au	2008ER03	NUCLEAR REACTIONS ^{197}Au(γ, n), (γ, 2n), (γ, 3n), (γ, 4n), (γ, 5n), (γ, 6n), E < 67.7 MeV; measured Eγ, Iγ of residual, σ integrated, yields using activation technique. JOUR PANUE 71 397
^{195}Bi	2008AN11	RADIOACTIVITY ^{195,196}Po, ^{196,197,197m,198,199}At(α) [from ^{118}Sn(^{82}Kr, X), E=362 MeV]; measured α-spectra, α(recoil)-coin, half-lives. JOUR PRVCA 78 044328
	2008WE02	ATOMIC MASSES ^{145,147}Cs, ^{181,183,186,187,196,205}Tl, ^{197,208}Pb, ^{190,191,192,193,194,195,196,197,209,215,216}Bi, ^{203,205,229}Fr, ^{214,229,230}Ra; measured masses using the ISOLTRAP Penning trap mass spectrometer. JOUR NUPAB 803 1
^{195}Po	2008AN11	RADIOACTIVITY ^{195,196}Po, ^{196,197,197m,198,199}At(α) [from ^{118}Sn(^{82}Kr, X), E=362 MeV]; measured α-spectra, α(recoil)-coin, half-lives. JOUR PRVCA 78 044328

A=196

^{196}Os	2007KUZW	RADIOACTIVITY ^{198,199,202}Ir, ^{194,195,196,199,200}Os(β^-); measured correlations between implanted ions and β-decay events and half-lives. PREPRINT ArXiv:0711.0101v1 [nucl-ex]
^{196}Ir	2007KUZW	RADIOACTIVITY ^{198,199,202}Ir, ^{194,195,196,199,200}Os(β^-); measured correlations between implanted ions and β-decay events and half-lives. PREPRINT ArXiv:0711.0101v1 [nucl-ex]
^{196}Pt	2008KOZY	NUCLEAR REACTIONS ^{192,194,195,196}Pt(n, γ), E<400 keV; measured Eγ, Iγ, cross sections; deduced resonance parameters, radiative width distributions. CONF Yosemit(CNR 2007) Proc.P119,Koehler

A=196 ***(continued)***

	2008RU05	RADIOACTIVITY ^{22}Na(β^+), ^{196}Au(EC), ^{198}Au(β^-); measured half-life and its dependence on temperature. JOUR PRVCA 77 065502
^{196}Au	2007KRZY	NUCLEAR REACTIONS ^{127}I(d, X)^{111}In / ^{119}Te / ^{121}I / ^{122}Sb / ^{123}I / ^{124}I / ^{125}Xe / ^{126}I, E=2.52 GeV; measured yields; ^{129}I(d, X)^{121}Te / ^{124}I / ^{126}I / ^{130}I, E=2.52 GeV; measured yields; ^{237}Np(d, X)^{97}Zr / ^{99}Mo / ^{132}Te / ^{133}I / ^{238}Np, E=2.52 GeV; measured yields; ^{238}Pu(d, X)^{97}Zr / ^{135}Xe, E≈2.5 GeV; measured yields; ^{239}Pu(d, X)^{103}Ru / ^{128}Sb / ^{132}Te / ^{133}I / ^{135}I / ^{135}Xe / ^{140}Ba / ^{143}Ce / ^{91}Sr / ^{97}Zr, E≈2.5 GeV; measured yields; ^{26}Al(n, α), ^{197}Au(n, γ), ^{197}Au(n, 2n), ^{197}Au(n, 4n), E not given; measured radial distributions of production rates of daughter nuclei; ^{89}Y(n, 2n), ^{89}Y(n, 3n), ^{89}Y(n, 4n), E not given; measured production rates of daughter nuclei. activation detector for transmutation setup; ^{238}U, Pb(n, f), ^{238}U, Pb(n, γ), E not given; measured σ. REPT JINR-E1-2007-7,Krivopustov
	2008ER03	NUCLEAR REACTIONS ^{197}Au(γ, n), (γ, 2n), (γ, 3n), (γ, 4n), (γ, 5n), (γ, 6n), E < 67.7 MeV; measured Eγ, Iγ of residual, σ integrated, yields using activation technique. JOUR PANUE 71 397
	2008GI07	NUCLEAR REACTIONS ^{27}Al, Ag, ^{197}Au(^{3}He, α), E=130, 270 MeV; ^{27}Al, Ag, ^{197}Au(p, α), E=200 MeV; measured α-spectra, σ, angular distributions, (particle)(particle)-coin, α-yields, multiplicity distributions, fragment charge distributions, linear momentum distributions of charged particles. JOUR PRVCA 78 034601
	2008RU05	RADIOACTIVITY ^{22}Na(β^+), ^{196}Au(EC), ^{198}Au(β^-); measured half-life and its dependence on temperature. JOUR PRVCA 77 065502
^{196}Tl	2008FO03	NUCLEAR REACTIONS ^{205}Tl(n, 2nγ), E<25 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives; ^{204}Tl; deduced levels, J, π, configurations. ^{196,198,200,202,206}Tl; systematics. JOUR PRVCA 77 024306
	2008WE02	ATOMIC MASSES ^{145,147}Cs, ^{181,183,186,187,196,205}Tl, ^{197,208}Pb, ^{190,191,192,193,194,195,196,197,209,215,216}Bi, ^{203,205,229}Fr, ^{214,229,230}Ra; measured masses using the ISOLTRAP Penning trap mass spectrometer. JOUR NUPAB 803 1
^{196}Pb	2008LE21	NUCLEAR REACTIONS ^{130}Te(^{27}Al, 6n), E=155 MeV; ^{170}Er(^{30}Si, 4n), E=148 MeV; measured Eγ, Iγ, $\gamma\gamma$ coin. Compared results to model calculations. Continuum γ transitions for Superdeformed nuclei. JOUR PRLTA 101 142502
	2008LEZX	NUCLEAR REACTIONS ^{150}Nd(^{18}O, 5n), E=87, 93 MeV; ^{130}Te(^{27}Al, 6n), E=155 MeV; ^{170}Er(^{30}Si, 4n), E=150 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin; ^{163}Er, ^{151}Tb, ^{196}Pb; deduced band structure. CONF Crete(FINUSTAR 2),Proc.P11,Leoni
^{196}Bi	2008WE02	ATOMIC MASSES ^{145,147}Cs, ^{181,183,186,187,196,205}Tl, ^{197,208}Pb, ^{190,191,192,193,194,195,196,197,209,215,216}Bi, ^{203,205,229}Fr, ^{214,229,230}Ra; measured masses using the ISOLTRAP Penning trap mass spectrometer. JOUR NUPAB 803 1
^{196}Po	2008AN11	RADIOACTIVITY ^{195,196}Po, ^{196,197,197m,198,199}At(α) [from ^{118}Sn(^{82}Kr, X), E=362 MeV]; measured α-spectra, α(recoil)-coin, half-lives. JOUR PRVCA 78 044328

A=196 ***(continued)***

	2008GRZV	NUCLEAR REACTIONS ^{94}Mo(^{88}Sr, 2n), E=378 MeV; ^{113}Cd(^{86}Kr, 3n), E=382 MeV; ^{180}Hg, ^{196}Po; measured Eγ, Iγ, (recoil)γ-coin; deduced B(E2), quadrupole moments. CONF Crete(FINUSTAR 2),Proc.P260,Grahn
^{196}At	2008AN11	RADIOACTIVITY ^{195,196}Po, ^{196,197,197m,198,199}At(α) [from ^{118}Sn(^{82}Kr, X), E=362 MeV]; measured α-spectra, α(recoil)-coin, half-lives. JOUR PRVCA 78 044328

A=197

^{197}Pt	2007CL04	NUCLEAR REACTIONS ^{2}H, ^{12}C, ^{27}Al, ^{63}Cu, ^{197}Au(e, e'π^+), E=4.021-5.767 GeV; measured electron and pion energies. Deduced nuclear transparency. JOUR PRLTA 99 242502
	2007LU18	NUCLEAR REACTIONS ^{175}Lu, ^{198}Pt, ^{82}Se(n, 2n), E=13.5-14.6 MeV; measured Eγ, Iγ; deduced cross sections, isomeric cross section ratios. ^{93}Nb(n, 2n), E=13.5-14.6 MeV; compared cross sections. Comparisons with nuclear model calculations using the HFTT code. JOUR NIMBE 265 453
	2008KOZY	NUCLEAR REACTIONS ^{192,194,195,196}Pt(n, γ), E<400 keV; measured Eγ, Iγ, cross sections; deduced resonance parameters, radiative width distributions. CONF Yosemit(CNR 2007) Proc.P119,Koehler
^{197}Au	2007ARZT	NUCLEAR REACTIONS ^{12}C, ^{197}Au(^{11}B, X), E=33 MeV / nucleon; measured light fragment yields; ^{12}C, ^{197}Au(^{11}B, ^{11}B), E=33 MeV / nucleon; measured $\sigma(\theta)$; ^{12}C, ^{197}Au(^{11}B, α^7Li), E=33 MeV / nucleon; measured light fragment yields; ^{11}B; analyzed break-up parameters. REPT JINR-P7-2007-8,Artyukh
	2008EV01	NUCLEAR REACTIONS ^{144,154}Sm, ^{166}Er, ^{186}W, ^{197}Au, ^{208}Pb(^{16}O, ^{16}O), E=17-26 MeV; measured yields, $\sigma(\theta)$, diffuseness parameter. Coupled-channel calculations. JOUR PRVCA 78 034614
^{197}Pb	2008WE02	ATOMIC MASSES ^{145,147}Cs, ^{181,183,186,187,196,205}Tl, ^{197,208}Pb, ^{190,191,192,193,194,195,196,197,209,215,216}Bi, ^{203,205,229}Fr, ^{214,229,230}Ra; measured masses using the ISOLTRAP Penning trap mass spectrometer. JOUR NUPAB 803 1
^{197}Bi	2008WE02	ATOMIC MASSES ^{145,147}Cs, ^{181,183,186,187,196,205}Tl, ^{197,208}Pb, ^{190,191,192,193,194,195,196,197,209,215,216}Bi, ^{203,205,229}Fr, ^{214,229,230}Ra; measured masses using the ISOLTRAP Penning trap mass spectrometer. JOUR NUPAB 803 1
^{197}Po	2007WI11	NUCLEAR REACTIONS ^{144}Sm(^{49}Ti, 3n), E=222 MeV; measured Eγ, Iγ, recoil decay tagging, $\gamma\gamma$-, $\alpha\gamma$-coin. ^{190,197}Po deduced levels, J, π, bands. JUROGAM array used with RITU, GREAT spectrometer. JOUR ZAANE 34 275
	2007WI11	RADIOACTIVITY ^{190,197}Po(α); measured Eα. JOUR ZAANE 34 275
^{197}At	2008AN11	NUCLEAR REACTIONS ^{118}Sn(^{82}Kr, 2np), E=362 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, conversion electrons. ^{197}At; deduced levels, J, π, bands. Comparison with ^{193}Bi, total Routhian surface forces for ^{191,193,195,197}At. JOUR PRVCA 78 044328

A=197 *(continued)*

	2008AN11	RADIOACTIVITY ^{195,196}Po, ^{196,197,197m,198,199}At(α) [from ^{118}Sn(^{82}Kr, X), E=362 MeV]; measured α-spectra, α(recoil)-coin, half-lives. JOUR PRVCA 78 044328
^{197}Rn	2008AN05	RADIOACTIVITY ^{197,197m}Rn(α); measured half-life. JOUR PRVCA 77 054303
	2008AN05	NUCLEAR REACTIONS ^{118,122}Sn(^{82}Kr, 3n), E=362 MeV; ^{120}Sn(^{82}Kr, 3n), E=355 MeV; ^{150}Sm, ^{152}Sm(^{52}Cr, 3n), E=231 MeV; measured Eγ, Iγ, Eγ, $\gamma\gamma$-, $\gamma\alpha$-coin. Recoil-α-decay tagging method. ^{197,199,201}Rn; deduced levels, J, π, band configurations. ^{111}-^{125}Rn, ^{106}-^{126}Po; systematics. JOUR PRVCA 77 054303

A=198

^{198}Ir	2007KUZW	RADIOACTIVITY ^{198,199,202}Ir, ^{194,195,196,199,200}Os(β^-); measured correlations between implanted ions and β-decay events and half-lives. PREPRINT ArXiv:0711.0101v1 [nucl-ex]
^{198}Pt	2007KUZW	RADIOACTIVITY ^{198,199,202}Ir, ^{194,195,196,199,200}Os(β^-); measured correlations between implanted ions and β-decay events and half-lives. PREPRINT ArXiv:0711.0101v1 [nucl-ex]
^{198}Au	2005LI66	RADIOACTIVITY ^{24}Na(β^-), ^{42}K(β^-), ^{198}Au(β^-); measured Eγ, Iγ, isotopic $T_{1/2}$. JOUR JRNCD 263 311
	2007GO39	RADIOACTIVITY ^{198}Au(β^-); measured Eγ, Iγ, $T_{1/2}$. Temperature dependence not observed. JOUR ZAANE 34 271
	2007KRZY	NUCLEAR REACTIONS ^{127}I(d, X)^{111}In / ^{119}Te / ^{121}I / ^{122}Sb / ^{123}I / ^{124}I / ^{125}Xe / ^{126}I, E=2.52 GeV; measured yields; ^{129}I(d, X)^{121}Te / ^{124}I / ^{126}I / ^{130}I, E=2.52 GeV; measured yields; ^{237}Np(d, X)^{97}Zr / ^{99}Mo / ^{132}Te / ^{133}I / ^{238}Np, E=2.52 GeV; measured yields; ^{238}Pu(d, X)^{97}Zr / ^{135}Xe, E≈2.5 GeV; measured yields; ^{239}Pu(d, X)^{103}Ru / ^{128}Sb / ^{132}Te / ^{133}I / ^{135}I / ^{135}Xe / ^{140}Ba / ^{143}Ce / ^{91}Sr / ^{97}Zr, E≈2.5 GeV; measured yields; ^{26}Al(n, α), ^{197}Au(n, γ), ^{197}Au(n, 2n), ^{197}Au(n, 4n), E not given; measured radial distributions of production rates of daughter nuclei; ^{89}Y(n, 2n), ^{89}Y(n, 3n), ^{89}Y(n, 4n), E not given; measured production rates of daughter nuclei. activation detector for transmutation setup; ^{238}U, Pb(n, f), ^{238}U, Pb(n, γ), E not given; measured σ. REPT JINR-E1-2007-7,Krivopustov
	2008BU12	RADIOACTIVITY ^{22}Na(β^+), ^{198}Au(β^-); measured $T_{1/2}$, temperature dependence not observed. ^{16}N(β^-); calculated β-delayed Eα, Iα using GEANT4 code. JOUR NUPAB 805 462c
	2008HE01	NUCLEAR REACTIONS ^{58}Fe, ^{59}Co, ^{64}Ni, ^{63,65}Cu(n, γ), E=25 keV; measured neutron capture cross sections, Eγ; ^{59}Fe, ^{60}Co, ^{65}Ni, ^{64,66}Cu, ^{198}Au; deduced nucleosynthesis yields in stars. JOUR PRVCA 77 015808
	2008HU08	RADIOACTIVITY ^{22}Na(β^+), ^{198}Au(β^-), ^{210}Po(α); analyzed the effect of host metals on half-lives. JOUR PRVCA 78 015803
	2008JO06	NUCLEAR REACTIONS ^{27}Al, ^{28}Si, ^{29}Si, ^{46,47}Ti, ^{54}Fe, ^{58}Ni, ^{64}Zn(n, p), ^{27}Al, ^{30}Si(n, α), ^{197}Au(n, γ), E= reactor; measured Eγ, Iγ, fast neutron spectrum averaged σ; comparator method. JOUR ARISE 66 1377

A=198 ***(continued)***

	2008KU09	RADIOACTIVITY ^{7}Be(EC); ^{198}Au(β^-); measured dependence of decay rate on temperature. Be in Cu host, Au in Al-Au alloy. No evidence found for temperature dependence on half-life. JOUR PRVCA 77 051304
	2008RU05	RADIOACTIVITY ^{22}Na(β^+), ^{196}Au(EC), ^{198}Au(β^-); measured half-life and its dependence on temperature. JOUR PRVCA 77 065502
^{198}Hg	2005LI66	RADIOACTIVITY ^{24}Na(β^-), ^{42}K(β^-), ^{198}Au(β^-); measured Eγ, Iγ, isotopic $T_{1/2}$. JOUR JRNCD 263 311
	2007GO39	RADIOACTIVITY ^{198}Au(β^-); measured Eγ, Iγ, $T_{1/2}$. Temperature dependence not observed. JOUR ZAANE 34 271
	2008BU12	RADIOACTIVITY ^{22}Na(β^+), ^{198}Au(β^-); measured $T_{1/2}$, temperature dependence not observed. ^{16}N(β^-); calculated β-delayed Eα, Iα using GEANT4 code. JOUR NUPAB 805 462c
	2008HU08	RADIOACTIVITY ^{22}Na(β^+), ^{198}Au(β^-), ^{210}Po(α); analyzed the effect of host metals on half-lives. JOUR PRVCA 78 015803
	2008KU09	RADIOACTIVITY ^{7}Be(EC); ^{198}Au(β^-); measured dependence of decay rate on temperature. Be in Cu host, Au in Al-Au alloy. No evidence found for temperature dependence on half-life. JOUR PRVCA 77 051304
	2008RU05	RADIOACTIVITY ^{22}Na(β^+), ^{196}Au(EC), ^{198}Au(β^-); measured half-life and its dependence on temperature. JOUR PRVCA 77 065502
^{198}Tl	2008FO03	NUCLEAR REACTIONS ^{205}Tl(n, 2nγ), E<25 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives; ^{204}Tl; deduced levels, J, π, configurations. ^{196,198,200,202,206}Tl; systematics. JOUR PRVCA 77 024306
	2008LA11	NUCLEAR REACTIONS ^{197}Au(α, 3n), E=40 MeV; measured Eγ, Iγ, E(CE), I(CE), $\gamma\gamma$-, (ce)γ-coin. ^{198}Tl; deduced levels, J, π, quasiparticle alignments, band configurations, B(E2), B(M1), chiral behaviour. Comparison with 2-quasiparticle plus triaxial rotor model calculations. JOUR PRVCA 78 021305
^{198}At	2008AN11	RADIOACTIVITY ^{195,196}Po, ^{196,197,197m,198,199}At(α) [from ^{118}Sn(^{82}Kr, X), E=362 MeV]; measured α-spectra, α(recoil)-coin, half-lives. JOUR PRVCA 78 044328

A=199

^{199}Os	2007KUZW	RADIOACTIVITY ^{198,199,202}Ir, ^{194,195,196,199,200}Os(β^-); measured correlations between implanted ions and β-decay events and half-lives. PREPRINT ArXiv:0711.0101v1 [nucl-ex]
^{199}Ir	2007KUZW	RADIOACTIVITY ^{198,199,202}Ir, ^{194,195,196,199,200}Os(β^-); measured correlations between implanted ions and β-decay events and half-lives. PREPRINT ArXiv:0711.0101v1 [nucl-ex]
^{199}Pt	2007KUZW	RADIOACTIVITY ^{198,199,202}Ir, ^{194,195,196,199,200}Os(β^-); measured correlations between implanted ions and β-decay events and half-lives. PREPRINT ArXiv:0711.0101v1 [nucl-ex]
^{199}At	2008AN11	RADIOACTIVITY ^{195,196}Po, ^{196,197,197m,198,199}At(α) [from ^{118}Sn(^{82}Kr, X), E=362 MeV]; measured α-spectra, α(recoil)-coin, half-lives. JOUR PRVCA 78 044328

A=199 *(continued)*

^{199}Rn	2008AN05	NUCLEAR REACTIONS ^{118,122}Sn(^{82}Kr, 3n), E=362 MeV; ^{120}Sn(^{82}Kr, 3n), E=355 MeV; ^{150}Sm, ^{152}Sm(^{52}Cr, 3n), E=231 MeV; measured Eγ, Iγ, Eγ, $\gamma\gamma$-, $\gamma\alpha$-coin. Recoil-α-decay tagging method. ^{197,199,201}Rn; deduced levels, J, π, band configurations. ^{111}-^{125}Rn, ^{106}-^{126}Po; systematics. JOUR PRVCA 77 054303

A=200

^{200}Os	2007KUZW	RADIOACTIVITY ^{198,199,202}Ir, ^{194,195,196,199,200}Os(β^-); measured correlations between implanted ions and β-decay events and half-lives. PREPRINT ArXiv:0711.0101v1 [nucl-ex]
^{200}Ir	2007KUZW	RADIOACTIVITY ^{198,199,202}Ir, ^{194,195,196,199,200}Os(β^-); measured correlations between implanted ions and β-decay events and half-lives. PREPRINT ArXiv:0711.0101v1 [nucl-ex]
^{200}Tl	2008FO03	NUCLEAR REACTIONS ^{205}Tl(n, 2nγ), E<25 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives; ^{204}Tl; deduced levels, J, π, configurations. ^{196,198,200,202,206}Tl; systematics. JOUR PRVCA 77 024306

A=201

^{201}Hg	2008YA10	RADIOACTIVITY ^{160}Tb(β^-), ^{160}Er, ^{173}Lu, ^{201}Tl, ^{203}Pb(EC), ^{182}Re, ^{207}Bi(EC), (β^+); measured L X-ray intensity ratios following decay and photoionization. Comparison with theory and other data. JOUR PYLBB 663 186
^{201}Tl	2008YA10	RADIOACTIVITY ^{160}Tb(β^-), ^{160}Er, ^{173}Lu, ^{201}Tl, ^{203}Pb(EC), ^{182}Re, ^{207}Bi(EC), (β^+); measured L X-ray intensity ratios following decay and photoionization. Comparison with theory and other data. JOUR PYLBB 663 186
^{201}Rn	2008AN05	NUCLEAR REACTIONS ^{118,122}Sn(^{82}Kr, 3n), E=362 MeV; ^{120}Sn(^{82}Kr, 3n), E=355 MeV; ^{150}Sm, ^{152}Sm(^{52}Cr, 3n), E=231 MeV; measured Eγ, Iγ, Eγ, $\gamma\gamma$-, $\gamma\alpha$-coin. Recoil-α-decay tagging method. ^{197,199,201}Rn; deduced levels, J, π, band configurations. ^{111}-^{125}Rn, ^{106}-^{126}Po; systematics. JOUR PRVCA 77 054303

A=202

^{202}Ir	2007KUZW	RADIOACTIVITY ^{198,199,202}Ir, ^{194,195,196,199,200}Os(β^-); measured correlations between implanted ions and β-decay events and half-lives. PREPRINT ArXiv:0711.0101v1 [nucl-ex]
^{202}Pt	2007KUZW	RADIOACTIVITY ^{198,199,202}Ir, ^{194,195,196,199,200}Os(β^-); measured correlations between implanted ions and β-decay events and half-lives. PREPRINT ArXiv:0711.0101v1 [nucl-ex]
^{202}Tl	2008DI13	NUCLEAR REACTIONS ^{204,206,207,208}Pb(d, X)^{202}Tl / ^{203}Pb / ^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi / ^{207}Bi, E=5-40 MeV; measured production σ, yields with activation technique. Comparison with other data and ALICE-IPPE model calculations. JOUR JRNCD 276 835

A=202 *(continued)*

	2008FO03	NUCLEAR REACTIONS ^{205}Tl(n, 2nγ), E<25 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives; ^{204}Tl; deduced levels, J, π, configurations. ^{196,198,200,202,206}Tl; systematics. JOUR PRVCA 77 024306
^{202}Po	2008RA07	NUCLEAR REACTIONS ^{186}Os(^{16}O, X)^{202}Po, E=74-105 MeV; ^{178}Hf(^{24}Mg, X)^{202}Po, E=106-144 MeV; ^{168}Er(^{34}S, X)^{202}Po, E=141-174 MeV; ^{154}Sm(^{48}Ti, X)^{202}Po, E=198-235 MeV; measured mass-angle correlations, mass ratio distributions, cross sections. JOUR PRVCA 77 024606

A=203

^{203}Tl	2008YA10	RADIOACTIVITY ^{160}Tb(β^-), ^{160}Er, ^{173}Lu, ^{201}Tl, ^{203}Pb(EC), ^{182}Re, ^{207}Bi(EC), (β^+); measured L X-ray intensity ratios following decay and photoionization. Comparison with theory and other data. JOUR PYLBB 663 186
^{203}Pb	2008DI13	NUCLEAR REACTIONS ^{204,206,207,208}Pb(d, X)^{202}Tl / ^{203}Pb / ^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi / ^{207}Bi, E=5-40 MeV; measured production σ, yields with activation technique. Comparison with other data and ALICE-IPPE model calculations. JOUR JRNCD 276 835
	2008YA10	RADIOACTIVITY ^{160}Tb(β^-), ^{160}Er, ^{173}Lu, ^{201}Tl, ^{203}Pb(EC), ^{182}Re, ^{207}Bi(EC), (β^+); measured L X-ray intensity ratios following decay and photoionization. Comparison with theory and other data. JOUR PYLBB 663 186
^{203}Bi	2008DI13	NUCLEAR REACTIONS ^{204,206,207,208}Pb(d, X)^{202}Tl / ^{203}Pb / ^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi / ^{207}Bi, E=5-40 MeV; measured production σ, yields with activation technique. Comparison with other data and ALICE-IPPE model calculations. JOUR JRNCD 276 835
^{203}Fr	2008WE02	ATOMIC MASSES ^{145,147}Cs, ^{181,183,186,187,196,205}Tl, ^{197,208}Pb, ^{190,191,192,193,194,195,196,197,209,215,216}Bi, ^{203,205,229}Fr, ^{214,229,230}Ra; measured masses using the ISOLTRAP Penning trap mass spectrometer. JOUR NUPAB 803 1

A=204

^{204}Pt	2007PO13	RADIOACTIVITY ^{147}Gd, ^{148}Tb, ^{204}Pt(IT); measured delayed Eγ, Iγ from isomer decays. JOUR ZSTNE 150 165
^{204}Hg	2006FR27	ATOMIC MASSES ^{24,26}Mg, ^{40,48}Ca; measured masses of hydrogen-and lithium-like ions of Mg and Ca with SMILETRAP (Penning trap) mass spectrometer; analyzed binding energies. Comparisons with previous results. ^{204}Hg; measured time of flight spectrum. JOUR IMSPF 251 281
^{204}Tl	2008FO03	NUCLEAR REACTIONS ^{205}Tl(n, 2nγ), E<25 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives; ^{204}Tl; deduced levels, J, π, configurations. ^{196,198,200,202,206}Tl; systematics. JOUR PRVCA 77 024306

A=204 *(continued)*

^{204}Bi	2008DI13	NUCLEAR REACTIONS ^{204,206,207,208}Pb(d, X)^{202}Tl / ^{203}Pb / ^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi / ^{207}Bi, E=5-40 MeV; measured production σ, yields with activation technique. Comparison with other data and ALICE-IPPE model calculations. JOUR JRNCD 276 835

A=205

^{205}Tl	2008WE02	ATOMIC MASSES ^{145,147}Cs, ^{181,183,186,187,196,205}Tl, ^{197,208}Pb, ^{190,191,192,193,194,195,196,197,209,215,216}Bi, ^{203,205,229}Fr, ^{214,229,230}Ra; measured masses using the ISOLTRAP Penning trap mass spectrometer. JOUR NUPAB 803 1
^{205}Pb	2008SYZZ	NUCLEAR REACTIONS ^{206,208}Pb(^{3}He, ^{3}He'γ), (^{3}He, α), E=38 MeV; measured particle spectra, Eγ, Iγ; ^{205,206,207,208}Pb; deduced level densities, radiative strength functions. CONF Crete(FINUSTAR 2),Proc.P428,Syed
^{205}Bi	2008DI13	NUCLEAR REACTIONS ^{204,206,207,208}Pb(d, X)^{202}Tl / ^{203}Pb / ^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi / ^{207}Bi, E=5-40 MeV; measured production σ, yields with activation technique. Comparison with other data and ALICE-IPPE model calculations. JOUR JRNCD 276 835
^{205}Po	2008HA12	NUCLEAR REACTIONS ^{174}Yb(^{40}Ar, 5n), E=192 MeV; measured half-life, α-spectra, Eγ, Iγ, $\gamma\gamma$-, $\gamma\alpha$-coin, conversion electrons. ^{209}Ra; deduced levels, J, π, configurations. ^{205,207}Po, ^{207,209}Rn, ^{211}Ra; systematics. JOUR PRVCA 77 047305
^{205}Fr	2008WE02	ATOMIC MASSES ^{145,147}Cs, ^{181,183,186,187,196,205}Tl, ^{197,208}Pb, ^{190,191,192,193,194,195,196,197,209,215,216}Bi, ^{203,205,229}Fr, ^{214,229,230}Ra; measured masses using the ISOLTRAP Penning trap mass spectrometer. JOUR NUPAB 803 1

A=206

^{206}Tl	2008FO03	NUCLEAR REACTIONS ^{205}Tl(n, 2nγ), E<25 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives; ^{204}Tl; deduced levels, J, π, configurations. ^{196,198,200,202,206}Tl; systematics. JOUR PRVCA 77 024306
^{206}Pb	2008HU08	RADIOACTIVITY ^{22}Na(β^+), ^{198}Au(β^-), ^{210}Po(α); analyzed the effect of host metals on half-lives. JOUR PRVCA 78 015803
	2008MI16	NUCLEAR REACTIONS ^{208}Pb(n, n'γ), (n, 2nγ), (n, 3nγ), E=threshold-20 MeV; measured Eγ, Iγ, σ, $\sigma(\theta)$. ^{208}Pb deduced level branching ratios. Comparison with TALYS calculations and other data. JOUR NUPAB 811 1
	2008SYZZ	NUCLEAR REACTIONS ^{206,208}Pb(^{3}He, ^{3}He'γ), (^{3}He, α), E=38 MeV; measured particle spectra, Eγ, Iγ; ^{205,206,207,208}Pb; deduced level densities, radiative strength functions. CONF Crete(FINUSTAR 2),Proc.P428,Syed
^{206}Bi	2008DI13	NUCLEAR REACTIONS ^{204,206,207,208}Pb(d, X)^{202}Tl / ^{203}Pb / ^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi / ^{207}Bi, E=5-40 MeV; measured production σ, yields with activation technique. Comparison with other data and ALICE-IPPE model calculations. JOUR JRNCD 276 835

A=206 ***(continued)***

^{206}Rn	2008AN01	NUCLEAR REACTIONS ^{197}Au(^{14}N, 5n), E=82 MeV; measured Eγ, Iγ, conversion electrons. ^{206}Rn; deduced level energies, ICCs, transition multipolarities. JOUR NIMAE 585 155
	2008KR01	NUCLEAR REACTIONS ^{197}Au(^{14}N, 5n), E=80 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, conversion electron spectra using in-beam spectroscopy. ^{206}Rn; deduced levels, J, π. JOUR APOBB 39 495

A=207

^{207}Tl	2006BO41	RADIOACTIVITY ^{140}Pr, ^{207}Tl, ^{235}Ac(β^-); measured half-life of bare and few-electron ions. JOUR IMSPF 251 212
^{207}Pb	2006BO41	RADIOACTIVITY ^{140}Pr, ^{207}Tl, ^{235}Ac(β^-); measured half-life of bare and few-electron ions. JOUR IMSPF 251 212
	2008DO05	NUCLEAR REACTIONS ^{206}Pb(n, γ), E=0.001-1000 keV; measured Eγ, Iγ, capture cross sections. Deduced maxwellian averaged sections. JOUR JPGPE 35 014020
	2008MI16	NUCLEAR REACTIONS ^{208}Pb(n, n'γ), (n, 2nγ), (n, 3nγ), E=threshold-20 MeV; measured Eγ, Iγ, σ, $\sigma(\theta)$. ^{208}Pb deduced level branching ratios. Comparison with TALYS calculations and other data. JOUR NUPAB 811 1
	2008SYZZ	NUCLEAR REACTIONS ^{206,208}Pb(^{3}He, ^{3}He'γ), (^{3}He, α), E=38 MeV; measured particle spectra, Eγ, Iγ; ^{205,206,207,208}Pb; deduced level densities, radiative strength functions. CONF Crete(FINUSTAR 2),Proc.P428,Syed
	2008YA10	RADIOACTIVITY ^{160}Tb(β^-), ^{160}Er, ^{173}Lu, ^{201}Tl, ^{203}Pb(EC), ^{182}Re, ^{207}Bi(EC), (β^+); measured L X-ray intensity ratios following decay and photoionization. Comparison with theory and other data. JOUR PYLBB 663 186
^{207}Bi	2008DI13	NUCLEAR REACTIONS ^{204,206,207,208}Pb(d, X)^{202}Tl / ^{203}Pb / ^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi / ^{207}Bi, E=5-40 MeV; measured production σ, yields with activation technique. Comparison with other data and ALICE-IPPE model calculations. JOUR JRNCD 276 835
	2008YA10	RADIOACTIVITY ^{160}Tb(β^-), ^{160}Er, ^{173}Lu, ^{201}Tl, ^{203}Pb(EC), ^{182}Re, ^{207}Bi(EC), (β^+); measured L X-ray intensity ratios following decay and photoionization. Comparison with theory and other data. JOUR PYLBB 663 186
^{207}Po	2008HA12	NUCLEAR REACTIONS ^{174}Yb(^{40}Ar, 5n), E=192 MeV; measured half-life, α-spectra, Eγ, Iγ, $\gamma\gamma$-, $\gamma\alpha$-coin, conversion electrons. ^{209}Ra; deduced levels, J, π, configurations. ^{205,207}Po, ^{207,209}Rn, ^{211}Ra; systematics. JOUR PRVCA 77 047305
^{207}Rn	2008HA12	NUCLEAR REACTIONS ^{174}Yb(^{40}Ar, 5n), E=192 MeV; measured half-life, α-spectra, Eγ, Iγ, $\gamma\gamma$-, $\gamma\alpha$-coin, conversion electrons. ^{209}Ra; deduced levels, J, π, configurations. ^{205,207}Po, ^{207,209}Rn, ^{211}Ra; systematics. JOUR PRVCA 77 047305

A=208

^{208}Pb	2007BA76	NUCLEAR REACTIONS ^{208}Pb(^{17}F, ^{17}F), E=141 MeV; ^{208}Pb(^{17}O, ^{17}O), E=128 MeV; measured differential cross sections, angular dispersion plots. ^{208}Pb(^{16}O, ^{16}O), E=170.1 MeV; ^{208}Pb(^{6}He, ^{6}He), E=27, 29.6 MeV; ^{208}Pb(^{6}Li, ^{6}Li), E=73.7, 99 MeV; ^{208}Pb(α, α), E=40 MeV; analyzed differential cross sections, angular dispersion plots. JOUR CPLEE 24 3384
	2007YOZW	NUCLEAR REACTIONS ^{208}Pb(^{23}Al, p^{22}Mg)^{208}Pb, E=50 MeV / nucleon; Pb(^{27}P, p^{26}Si)Pb, E=57 MeV / nucleon; measured Ep, Ip, p(θ), charged products, $\sigma(\theta)$. ^{22}Mg; deduced levels. ^{26}Si; deduced levels. CONF Lisbon (PROCON 2007),Proc.P246,Yoneda
	2008ACZZ	NUCLEAR REACTIONS ^{208}Pb(^{6}He, ^{6}He), ^{208}Pb(^{6}He, 2nα), E=14, 16, 18, 22 MeV; ^{120}Sn(^{11}Be, ^{11}Be'), E=32 MeV; measured particle spectra, $\sigma(\theta)$; Compared results to CDCC and DWBA calculations. CONF Crete(FINUSTAR 2),Proc.P333,Acosta
	2008BE18	NUCLEAR REACTIONS ^{14}N(n, γ), E=low; measured Eγ, Iγ using cold neutron source. ^{27}Al, ^{207}Pb(n, γ), E=thermal; calculated σ. Effect on PGAA results discussed. JOUR JRNCD 276 609
	2008BU21	NUCLEAR REACTIONS ^{32}S, ^{140}Ce, ^{208}Pb(γ, γ'), E=2-7 MeV; measured Eγ, γ-ray linear polarizations. ^{140}Ce; deduced levels, J, π, asymmetries. Bremsstrahlung beam, Compton polarimetry. JOUR PRVCA 78 044309
	2008EV01	NUCLEAR REACTIONS ^{144,154}Sm, ^{166}Er, ^{186}W, ^{197}Au, ^{208}Pb(^{16}O, ^{16}O), E=17-26 MeV; measured yields, $\sigma(\theta)$, diffuseness parameter. Coupled-channel calculations. JOUR PRVCA 78 034614
	2008GA10	NUCLEAR REACTIONS ^{9}Be(^{36}Ar, X)^{19}F / ^{20}Ne / ^{21}Na / ^{22}Mg / ^{23}Al, E=130 MeV / nucleon; measured energy loss, intensities for reaction products. ^{9}Be(^{24}Si, X)^{23}Al / ^{23}Si, E=85.3 MeV / nucleon; measured single-particle cross sections, momentum distributions, spectroscopic factors. ^{9}Be(^{28}S, X)^{27}P, E=80.7 MeV / nucleon; measured Eγ, Iγ.^{9}Be(^{28}S, X)^{27}P / ^{27}S, E=80.7 MeV / nucleon; measured single particle cross sections, spectroscopic factors, momentum distributions. ^{7}Li, ^{8}B, ^{9,12,15}C, ^{16}O, ^{32,34,36}Ar, ^{24,30}Si, ^{26,28}S, ^{31}P, ^{40,48}Ca, ^{51}V, ^{90}Zr, ^{208}Pb; systematics of cross sections. JOUR PRVCA 77 044306
	2008GI09	NUCLEAR REACTIONS ^{208}Pb(^{26}Ne, ^{26}Ne'), E=58 MeV / nucleon; measured Eγ, Iγ, neutron, fragment spectra. ^{26}Ne; deduced B(E1). JOUR PRLTA 101 212503
	2008JI03	NUCLEAR REACTIONS ^{208}Pb(^{16}O, ^{16}O'), E=40.50-80.25 MeV; measured quasi=elastic scattering excitation function at backward angles. JOUR CPLEE 25 2834
	2008KU10	NUCLEAR REACTIONS ^{152}Sm(n, n'γ), E=1.6-3.0 MeV; ^{208}Pb(^{152}Sm, ^{152}Sm'), E=652 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular distributions, excitation functions. ^{152}Sm; deduced levels, J, π, half-lives, B(E2). JOUR PRVCA 77 061301
	2008MAZT	NUCLEAR REACTIONS ^{208}Pb(^{17}F, ^{17}F), E=85.1, 90.4 MeV; ^{209}Bi(^{11}B, ^{11}B), E=40-48 MeV; measured cross sections. CONF Crete(FINUSTAR 2),Proc.P401,Mazzocco

A=208 ***(continued)***

	2008MI14	RADIOACTIVITY ^{212}Po(α); measured half-life in various mettalic environments. JOUR PPNLA 5 371
	2008MI16	NUCLEAR REACTIONS ^{208}Pb(n, n'γ), (n, 2nγ), (n, 3nγ), E=threshold-20 MeV; measured Eγ, Iγ, σ, $\sigma(\theta)$. ^{208}Pb deduced level branching ratios. Comparison with TALYS calculations and other data. JOUR NUPAB 811 1
	2008OH02	NUCLEAR REACTIONS ^{56}Fe, ^{89}Y, ^{208}Pb(n, n), E=96 MeV; measured $\sigma(\theta)$; ^{12}C, ^{16}O; systematics, compared with Wick's limit. JOUR PRVCA 77 024605
	2008PA26	NUCLEAR REACTIONS ^{208}Pb(^{7}Li, ^{7}Li), E=18-28 MeV; measured reaction product spectra, scattering σ; ^{7}Li; deduced dipole polarizability. Comparison with continuum discretized coupled channel calculations. JOUR PRVCA 78 021601
	2008PIZY	NUCLEAR REACTIONS Ni, ^{90,92}Zr, ^{118}Sn, ^{208}Pb(^{20}Ne, ^{20}Ne'), E not given; measured particle spectra, $\sigma(\theta)$; deduced quasielatic barrier distributions; calculated barrier distributions; ^{90,92}Zr(^{20}Ne, X), E not given; measured excitation-energy spectra. Compared results to Coupled Channel calculations. CONF Crete(FINUSTAR 2),Proc.P238,Piasecki
	2008SA09	NUCLEAR REACTIONS ^{208}Pb(^{6}He, ^{6}He), E=14, 16, 18, 22 MeV; measured $\sigma(\theta)$. Comparison with optical model calculations, including Coulomb dipole polarizability and dispersion relations. JOUR NUPAB 803 30
	2008SYZZ	NUCLEAR REACTIONS ^{206,208}Pb(^{3}He, ^{3}He'γ), (^{3}He, α), E=38 MeV; measured particle spectra, Eγ, Iγ; ^{205,206,207,208}Pb; deduced level densities, radiative strength functions. CONF Crete(FINUSTAR 2),Proc.P428,Syed
	2008WE02	ATOMIC MASSES ^{145,147}Cs, ^{181,183,186,187,196,205}Tl, ^{197,208}Pb, ^{190,191,192,193,194,195,196,197,209,215,216}Bi, ^{203,205,229}Fr, ^{214,229,230}Ra; measured masses using the ISOLTRAP Penning trap mass spectrometer. JOUR NUPAB 803 1
	2008ZI01	NUCLEAR REACTIONS ^{109}Ag, ^{208}Pb(^{44}Ar, ^{44}Ar'), E=2.7, 3.7 MeV / nucleon; measured Eγ, Iγ, (charged-particle)γ-coin. Deduced coulomb excitation $\sigma(\theta)$, B(E2). JOUR APOBB 39 519
^{208}Bi	2007MA83	NUCLEAR REACTIONS ^{208}Pb(p, n), E=9 MeV; measured ce, (ce)(ce)-, γ(ce)-coin; analyzed Eγ, Iγ, $\gamma\gamma$-coin. ^{208}Bi; deduced levels, J, π, multipolarities, configurations, angular momenta, spectroscopic factors for proton transfer and neutron pickup. Detailed shell-model calculations. JOUR PRVCA 76 064304
	2007MAZR	NUCLEAR REACTIONS ^{208}Pb(p, n), E=9.0 MeV; measured Eγ, Iγ, conversion electrons. ^{208}Bi; deduced internal conversion coefficients. PREPRINT ANU-P/1815,Maier
	2008MI01	NUCLEAR REACTIONS ^{209}Bi(n, n'γ), (n, 2nγ), E=threshold - 20 MeV; measured, Eγ, Iγ, En, In, σ, $\sigma(\theta)$. ^{209}Bi deduced level energies, branching ratios. Comparison with existing data and TALYS calculations. JOUR NUPAB 799 1

A=209

^{209}Pb	2007GO42	NUCLEAR REACTIONS ^{209}Pb(^{74}Kr, ^{74}Kr'), (^{76}Kr, ^{76}Kr'), E=4.7 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin, angular distributions. ^{74,76}Kr; deduced B(E2), static quadrupole moments, shape coexistance. JOUR ZSTNE 150 117
	2008RE07	NUCLEAR REACTIONS ^{20}Ne, ^{27}Al, ^{40}Ar, ^{84}Kr, ^{131,132}Xe, ^{208}Pb, ^{235,238}U(n, γ), E=low; measured Eγ, Iγ using cold neutron source and an "invisible container". JOUR JRNCD 276 825
^{209}Bi	2006BE65	ATOMIC MASSES ^{28}Si, ^{209}Bi; measured masses using Penning trap method relative to ^{12}C. Accurate determination of the Avogadro constant and mass standard. JOUR IMSPF 251 220
	2007MA90	NUCLEAR REACTIONS ^{209}Bi(^{11}Be, ^{11}Be), E=38-50 MeV; measured elastic scattering $\sigma(\theta)$. Compared results to model calculations. Deduced reaction and fusion cross sections. JOUR ZSTNE 150 37
	2008ET01	NUCLEAR REACTIONS ^{209}Bi(^{30}Na, ^{30}Na'), E=80.1 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin, $\sigma(\theta)$. ^{30}Na; deduced B(E2). Comparison with shell-model calculations. JOUR PRVCA 78 017302
	2008MAZT	NUCLEAR REACTIONS ^{208}Pb(^{17}F, ^{17}F), E=85.1, 90.4 MeV; ^{209}Bi(^{11}B, ^{11}B), E=40-48 MeV; measured cross sections. CONF Crete(FINUSTAR 2),Proc.P401,Mazzocco
	2008MI01	NUCLEAR REACTIONS ^{209}Bi(n, n'γ), (n, 2nγ), E=threshold - 20 MeV; measured, Eγ, Iγ, En, In, σ, $\sigma(\theta)$. ^{209}Bi deduced level energies, branching ratios. Comparison with existing data and TALYS calculations. JOUR NUPAB 799 1
	2008WE02	ATOMIC MASSES ^{145,147}Cs, ^{181,183,186,187,196,205}Tl, ^{197,208}Pb, ^{190,191,192,193,194,195,196,197,209,215,216}Bi, ^{203,205,229}Fr, ^{214,229,230}Ra; measured masses using the ISOLTRAP Penning trap mass spectrometer. JOUR NUPAB 803 1
^{209}Rn	2008HA12	NUCLEAR REACTIONS ^{174}Yb(^{40}Ar, 5n), E=192 MeV; measured half-life, α-spectra, Eγ, Iγ, $\gamma\gamma$-, $\gamma\alpha$-coin, conversion electrons. ^{209}Ra; deduced levels, J, π, configurations. ^{205,207}Po, ^{207,209}Rn, ^{211}Ra; systematics. JOUR PRVCA 77 047305
	2008TA11	RADIOACTIVITY ^{209}Fr(EC) [from ^{197}Au(^{16}O, 4n), E=91 MeV]; measured Eγ, Iγ, spin exchange polarization, quadrupole-dominated wall relaxationrate, dependence of γ-ray anisotropies on temperature. JOUR PRVCA 77 052501
^{209}Fr	2008TA11	RADIOACTIVITY ^{209}Fr(EC) [from ^{197}Au(^{16}O, 4n), E=91 MeV]; measured Eγ, Iγ, spin exchange polarization, quadrupole-dominated wall relaxationrate, dependence of γ-ray anisotropies on temperature. JOUR PRVCA 77 052501
^{209}Ra	2008HA12	NUCLEAR REACTIONS ^{174}Yb(^{40}Ar, 5n), E=192 MeV; measured half-life, α-spectra, Eγ, Iγ, $\gamma\gamma$-, $\gamma\alpha$-coin, conversion electrons. ^{209}Ra; deduced levels, J, π, configurations. ^{205,207}Po, ^{207,209}Rn, ^{211}Ra; systematics. JOUR PRVCA 77 047305

A=210

^{210}Pb	2008GI03	RADIOACTIVITY ^{214}Po(α); measured Eα, Iα, Eγ, Iγ, $\alpha\gamma$-coin; deduced bremsstrahlung emission probability vs Eγ, K-shell ionization probabilities. Comparison with quantum-mechanical model. JOUR ZAANE 36 31
^{210}Po	2008DR03	NUCLEAR REACTIONS ^{204}Hg(^{13}C, 3nα)E=88 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma(\theta)$, half-lives. ^{210}Po; deduced levels, J, π, configurations. Comparison with shell-model calculations. JOUR PRVCA 77 034308
	2008HU08	RADIOACTIVITY ^{22}Na(β^+), ^{198}Au(β^-), ^{210}Po(α); analyzed the effect of host metals on half-lives. JOUR PRVCA 78 015803
^{210}At	2008MO08	NUCLEAR REACTIONS ^{209}Bi(α, 2n), (α, 3n), E=23.1, 28.8, 32.8 MeV; measured Eγ, Iγ, Eα, Iα. Production method for radiotherapy discussed. JOUR JRNCD 276 843

A=211

^{211}At	2008MO08	NUCLEAR REACTIONS ^{209}Bi(α, 2n), (α, 3n), E=23.1, 28.8, 32.8 MeV; measured Eγ, Iγ, Eα, Iα. Production method for radiotherapy discussed. JOUR JRNCD 276 843
^{211}Ra	2008HA12	NUCLEAR REACTIONS ^{174}Yb(^{40}Ar, 5n), E=192 MeV; measured half-life, α-spectra, Eγ, Iγ, $\gamma\gamma$-, $\gamma\alpha$-coin, conversion electrons. ^{209}Ra; deduced levels, J, π, configurations. ^{205,207}Po, ^{207,209}Rn, ^{211}Ra; systematics. JOUR PRVCA 77 047305

A=212

^{212}Po	2008MI14	RADIOACTIVITY ^{212}Po(α); measured half-life in various mettalic environments. JOUR PPNLA 5 371
^{212}At	2007KU30	RADIOACTIVITY ^{220}Ac, ^{216}Fr, ^{212}At (α) [from ^{209}Bi(^{14}N, F), E=5.6 MeV / nucleon]; measured α-spectra. ^{212}At, ^{216}Fr; deduced levels, J, π, half-lives. ^{216}Fr; deduced Eα, Qα, excitation energies, mass excess. JOUR PRVCA 76 054320
^{212}Rn	2008DR01	NUCLEAR REACTIONS ^{204}Hg(^{13}C, 5n), E=88 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin; deduced multipolarities. ^{212}Rn; measured level half-lives; deduced high-spin levels, J, π, configurations. Comparison with semi-empirical shell model. JOUR PYLBB 662 19

A=213

^{213}Ac	2008DOZZ	RADIOACTIVITY ^{253}No(α) [from ^{207}Pb(^{48}Ca, 2n)]; measured Eγ, Iγ, Eα, Iα, $\alpha\gamma$-coin, conversion electrons; ^{217}Pa(α) [from ^{181}Ta(^{40}Ar, 4n)]; measured Eγ, Iγ, $\alpha\gamma$-coin, α(conversion electron)-coin; ^{249}Fm(IT); measured internal conversion coefficients. CONF Crete(FINUSTAR 2),Proc.P64,Dorvaux
^{213}Th	2007KH22	NUCLEAR REACTIONS ^{164}Dy(^{54}Cr, X)^{213}Th / ^{214}Th, E=246, 258 MeV; measured σ, Eγ, Iγ, $\alpha\gamma$-coin following residual nucleus decay. ^{213,214}Th deduced levels, J, π, $T_{1/2}$. JOUR ZAANE 34 355

A=214

^{214}Po	2008GI03	RADIOACTIVITY ^{214}Po(α); measured Eα, Iα, Eγ, Iγ, $\alpha\gamma$-coin; deduced bremsstrahlung emission probability vs Eγ, K-shell ionization probabilities. Comparison with quantum-mechanical model. JOUR ZAANE 36 31
^{214}Ra	2008WE02	ATOMIC MASSES ^{145,147}Cs, ^{181,183,186,187,196,205}Tl, ^{197,208}Pb, ^{190,191,192,193,194,195,196,197,209,215,216}Bi, ^{203,205,229}Fr, ^{214,229,230}Ra; measured masses using the ISOLTRAP Penning trap mass spectrometer. JOUR NUPAB 803 1
^{214}Th	2007KH22	NUCLEAR REACTIONS ^{164}Dy(^{54}Cr, X)^{213}Th / ^{214}Th, E=246, 258 MeV; measured σ, Eγ, Iγ, $\alpha\gamma$-coin following residual nucleus decay. ^{213,214}Th deduced levels, J, π, $T_{1/2}$. JOUR ZAANE 34 355

A=215

^{215}Bi	2008WE02	ATOMIC MASSES ^{145,147}Cs, ^{181,183,186,187,196,205}Tl, ^{197,208}Pb, ^{190,191,192,193,194,195,196,197,209,215,216}Bi, ^{203,205,229}Fr, ^{214,229,230}Ra; measured masses using the ISOLTRAP Penning trap mass spectrometer. JOUR NUPAB 803 1

A=216

^{216}Bi	2008WE02	ATOMIC MASSES ^{145,147}Cs, ^{181,183,186,187,196,205}Tl, ^{197,208}Pb, ^{190,191,192,193,194,195,196,197,209,215,216}Bi, ^{203,205,229}Fr, ^{214,229,230}Ra; measured masses using the ISOLTRAP Penning trap mass spectrometer. JOUR NUPAB 803 1
^{216}Fr	2007KU30	RADIOACTIVITY ^{220}Ac, ^{216}Fr, ^{212}At (α) [from ^{209}Bi(^{14}N, F), E=5.6 MeV / nucleon]; measured α-spectra. ^{212}At, ^{216}Fr; deduced levels, J, π, half-lives. ^{216}Fr; deduced Eα, Qα, excitation energies, mass excess. JOUR PRVCA 76 054320
^{216}Ra	2008SI23	NUCLEAR REACTIONS ^{204}Pb(^{12}C, X), E=75-95 MeV; ^{197}Au(^{19}F, X), E=98-118 MeV; measured pre-scission neutron multiplicities, fusion σ, neutron yields. ^{216}Ra; deduced fission dissipation strength. JOUR PRVCA 78 024609

A=217

^{217}Pa	2008DOZZ	RADIOACTIVITY ^{253}No(α) [from ^{207}Pb(^{48}Ca, 2n)]; measured Eγ, Iγ, Eα, Iα, $\alpha\gamma$-coin, conversion electrons; ^{217}Pa(α) [from ^{181}Ta(^{40}Ar, 4n)]; measured Eγ, Iγ, $\alpha\gamma$-coin, α(conversion electron)-coin; ^{249}Fm(IT); measured internal conversion coefficients. CONF Crete(FINUSTAR 2),Proc.P64,Dorvaux

A=218

No references found

A=219

No references found

A=220

^{220}Ac	2007KU30	RADIOACTIVITY ^{220}Ac, ^{216}Fr, ^{212}At (α) [from ^{209}Bi(^{14}N, F), E=5.6 MeV / nucleon]; measured α-spectra. ^{212}At, ^{216}Fr; deduced levels, J, π, half-lives. ^{216}Fr; deduced Eα, Qα, excitation energies, mass excess. JOUR PRVCA 76 054320

A=221

No references found

A=222

No references found

A=223

No references found

A=224

No references found

A=225

No references found

A=226

No references found

A=227

No references found

A=228

^{228}Ra	2008NA13	RADIOACTIVITY ^{232}Th(α); measured Eγ, Iγ, full-energy peak efficiency;HPGe detectors, bar sources. JOUR NIMAE 592 80

A=229

^{229}Fr	2008WE02	ATOMIC MASSES ^{145,147}Cs, ^{181,183,186,187,196,205}Tl, ^{197,208}Pb, ^{190,191,192,193,194,195,196,197,209,215,216}Bi, ^{203,205,229}Fr, ^{214,229,230}Ra; measured masses using the ISOLTRAP Penning trap mass spectrometer. JOUR NUPAB 803 1
^{229}Ra	2008WE02	ATOMIC MASSES ^{145,147}Cs, ^{181,183,186,187,196,205}Tl, ^{197,208}Pb, ^{190,191,192,193,194,195,196,197,209,215,216}Bi, ^{203,205,229}Fr, ^{214,229,230}Ra; measured masses using the ISOLTRAP Penning trap mass spectrometer. JOUR NUPAB 803 1
^{229}Th	2008BU14	NUCLEAR REACTIONS ^{230,232}Th(d, t), E=17 MeV; measured triton-spectra, σ(E, θ). ^{229,231}Th deduced levels, J, π, bands. Enriched target, magnetic spectrograph. Quasi-particle configurations. DWBA analysis. JOUR NUPAB 809 129

A=230

^{230}Ra	2008WE02	ATOMIC MASSES ^{145,147}Cs, ^{181,183,186,187,196,205}Tl, ^{197,208}Pb, ^{190,191,192,193,194,195,196,197,209,215,216}Bi, ^{203,205,229}Fr, ^{214,229,230}Ra; measured masses using the ISOLTRAP Penning trap mass spectrometer. JOUR NUPAB 803 1
^{230}Th	2008PO06	RADIOACTIVITY ^{234,235}U(α); measured Eα, Iα. ^{235,238}U; deduced half-life ratio. JOUR JRNCD 277 207
^{230}Pa	2008MO11	RADIOACTIVITY ^{230}Pa(β^-) [from ^{232}Th(p, 3n), E=16.4-34.0 MeV]; measured Eγ, Iγ, Eα; deduced σ(E), thick target yield using the stacked-foil activation technique. comparison with EMPIRE II calculations. JOUR ARISE 66 1275
^{230}U	2008MO11	RADIOACTIVITY ^{230}Pa(β^-) [from ^{232}Th(p, 3n), E=16.4-34.0 MeV]; measured Eγ, Iγ, Eα; deduced σ(E), thick target yield using the stacked-foil activation technique. comparison with EMPIRE II calculations. JOUR ARISE 66 1275

A=231

^{231}Fr	2008BO29	RADIOACTIVITY ^{231}Fr, ^{231}Ra(β^-) [from ^{238}U(p, X), E=1 GeV and subsequent mass separation]; measured Eγ, Iγ, Eβ, $\gamma\gamma$-, $\beta\gamma$-coin, $T_{1/2}$; deduced log ft. ^{231}Ac deduced levels, J, π, ICC, multipolarities, B(E1), B(M1), $T_{1/2}$. Mini-orange spectrometer. Advanced Time Delayed $\beta\gamma\gamma$(t) method. JOUR NUPAB 811 244
^{231}Ra	2007BO48	RADIOACTIVITY ^{231}Ra(β^-) [from U(p, X), E=1 GeV]; measured Eγ, Iγ, $\gamma\gamma$-coin, conversion electrons. ^{231}Ac; deduced level energies, lifetimes. JOUR ZSTNE 150 87

A=231 ***(continued)***

	2008BO29	RADIOACTIVITY ^{231}Fr, ^{231}Ra(β^-) [from ^{238}U(p, X), E=1 GeV and subsequent mass separation]; measured Eγ, Iγ, Eβ, $\gamma\gamma$-, $\beta\gamma$-coin, $T_{1/2}$; deduced log ft. ^{231}Ac deduced levels, J, π, ICC, multipolarities, B(E1), B(M1), $T_{1/2}$. Mini-orange spectrometer. Advanced Time Delayed $\beta\gamma\gamma$(t) method. JOUR NUPAB 811 244
^{231}Ac	2007BO48	RADIOACTIVITY ^{231}Ra(β^-) [from U(p, X), E=1 GeV]; measured Eγ, Iγ, $\gamma\gamma$-coin, conversion electrons. ^{231}Ac; deduced level energies, lifetimes. JOUR ZSTNE 150 87
	2008BO29	RADIOACTIVITY ^{231}Fr, ^{231}Ra(β^-) [from ^{238}U(p, X), E=1 GeV and subsequent mass separation]; measured Eγ, Iγ, Eβ, $\gamma\gamma$-, $\beta\gamma$-coin, $T_{1/2}$; deduced log ft. ^{231}Ac deduced levels, J, π, ICC, multipolarities, B(E1), B(M1), $T_{1/2}$. Mini-orange spectrometer. Advanced Time Delayed $\beta\gamma\gamma$(t) method. JOUR NUPAB 811 244
^{231}Th	2008AL18	RADIOACTIVITY ^{235,238}U(α); measured Eγ, Iγ, E(K X-ray), I(K X-ray) to determine sample enrichment. Cryogenic spectrometer and HPGe detector compared. JOUR JRNCD 276 749
	2008BU14	NUCLEAR REACTIONS ^{230,232}Th(d, t), E=17 MeV; measured triton-spectra, σ(E, θ). ^{229,231}Th deduced levels, J, π, bands. Enriched target, magnetic spectrograph. Quasi-particle configurations. DWBA analysis. JOUR NUPAB 809 129
	2008PO06	RADIOACTIVITY ^{234,235}U(α); measured Eα, Iα. ^{235,238}U; deduced half-life ratio. JOUR JRNCD 277 207
	2008WE01	RADIOACTIVITY ^{238,235}U(α); measured isotopic ratios in natural samples. JOUR GCACA 72 345

A=232

^{232}Th	2008CHZZ	NUCLEAR REACTIONS ^{232}Th(^{180}Hf, ^{180}Hf'), E=1300 MeV; measured Ep, Ip, Eγ, Iγ, (fragment)γ-, $\gamma\gamma$-coin; ^{180}Hf; deduced levels, J, π, vibrational band structure. CONF Crete(FINUSTAR 2),Proc.P265,Chowdhury
	2008DE28	NUCLEAR REACTIONS ^{232}Th(n, n'), E=fast; measured Eγ, Iγ. ^{232}Th; deduced levels, J, π. JOUR PANUE 71 1839
	2008NA13	RADIOACTIVITY ^{232}Th(α); measured Eγ, Iγ, full-energy peak efficiency;HPGe detectors, bar sources. JOUR NIMAE 592 80
	2008TA28	NUCLEAR REACTIONS ^{232}Th(^{180}Hf, ^{180}Hf'), E=1300 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{180}Hf; deduced levels, J, π. JOUR PRLTA 101 182503

A=233

^{233}Th	2008BR08	NUCLEAR REACTIONS ^{232}Th, ^{233}Pa, ^{234,235}U(n, γ), E=thermal; measured σ, isotopic ratios. Effect on the thorium cycle discussed. Comparison with other data. JOUR NIMAE 591 510
^{233}Pa	2008DE10	RADIOACTIVITY ^{237}Np(α); measured Eα, Iα, X-ray spectra, Eγ, Iγ. JOUR ARISE 66 668

A=233 ***(continued)***

	2008DE10	RADIOACTIVITY ^{233}Pa(β^-); measured X-ray spectra, Eγ, Iγ. JOUR ARISE 66 668
	2008GR11	RADIOACTIVITY ^{237}Np(α), ^{238,239}Np(β^-) [from ^{237}Np(n, γ) and ^{238}Np(n, γ)]; measured Eγ, Iγ, Eβ, Iβ. ^{239}Np deduced level energies. JOUR JRNCD 276 731
^{233}U	2008DE10	RADIOACTIVITY ^{233}Pa(β^-); measured X-ray spectra, Eγ, Iγ. JOUR ARISE 66 668

A=234

^{234}Th	2008AL18	RADIOACTIVITY ^{235,238}U(α); measured Eγ, Iγ, E(K X-ray), I(K X-ray) to determine sample enrichment. Cryogenic spectrometer and HPGe detector compared. JOUR JRNCD 276 749
	2008WE01	RADIOACTIVITY ^{238,235}U(α); measured isotopic ratios in natural samples. JOUR GCACA 72 345
^{234}Pa	2008BR08	NUCLEAR REACTIONS ^{232}Th, ^{233}Pa, ^{234,235}U(n, γ), E=thermal; measured σ, isotopic ratios. Effect on the thorium cycle discussed. Comparison with other data. JOUR NIMAE 591 510
^{234}U	2008PO06	RADIOACTIVITY ^{234,235}U(α); measured Eα, Iα. ^{235,238}U; deduced half-life ratio. JOUR JRNCD 277 207

A=235

^{235}Ac	2006BO41	RADIOACTIVITY ^{140}Pr, ^{207}Tl, ^{235}Ac(β^-); measured half-life of bare and few-electron ions. JOUR IMSPF 251 212
^{235}Th	2006BO41	RADIOACTIVITY ^{140}Pr, ^{207}Tl, ^{235}Ac(β^-); measured half-life of bare and few-electron ions. JOUR IMSPF 251 212
^{235}U	2008AL18	RADIOACTIVITY ^{235,238}U(α); measured Eγ, Iγ, E(K X-ray), I(K X-ray) to determine sample enrichment. Cryogenic spectrometer and HPGe detector compared. JOUR JRNCD 276 749
	2008BE31	NUCLEAR REACTIONS ^{235}U(γ, γ'), E=2.2 MeV;^{239}Pu(γ, γ), E=2.8 MeV; measured Eγ, Iγ, σ; deduced level energies, dipole excitations. JOUR PRVCA 78 041601
	2008BR08	NUCLEAR REACTIONS ^{232}Th, ^{233}Pa, ^{234,235}U(n, γ), E=thermal; measured σ, isotopic ratios. Effect on the thorium cycle discussed. Comparison with other data. JOUR NIMAE 591 510
	2008PO06	RADIOACTIVITY ^{234,235}U(α); measured Eα, Iα. ^{235,238}U; deduced half-life ratio. JOUR JRNCD 277 207
	2008WE01	RADIOACTIVITY ^{238,235}U(α); measured isotopic ratios in natural samples. JOUR GCACA 72 345
^{235}Pu	2008QI03	RADIOACTIVITY ^{239}Cm(α) [from ^{232}Th(^{12}C, 5n), E=70, 74 MeV]; measured measured Eγ, Iγ, Eα, Iα. JOUR RAACA 96 455

A=236

^{236}U	2008BR08	NUCLEAR REACTIONS ^{232}Th, ^{233}Pa, ^{234,235}U(n, γ), E=thermal; measured σ, isotopic ratios. Effect on the thorium cycle discussed. Comparison with other data. JOUR NIMAE 591 510
	2008RE07	NUCLEAR REACTIONS ^{20}Ne, ^{27}Al, ^{40}Ar, ^{84}Kr, ^{131,132}Xe, ^{208}Pb, ^{235,238}U(n, γ), E=low; measured Eγ, Iγ using cold neutron source and an "invisible container". JOUR JRNCD 276 825
	2008SAZY	NUCLEAR REACTIONS ^{238}U(^{82}Se, ^{84}Se), (^{82}Se, ^{82}Ge), (^{82}Se, ^{83}As), (^{82}Se, ^{81}Ga), E=505, 515 MeV; measured Eγ, Iγ, γ asymmetry; ^{81}Ga, ^{82}Ge, ^{83}As, ^{84}Se; deduced levels, J, π. CONF Crete(FINUSTAR 2),Proc.P139,Sahin
^{236}Fm	2008KH10	RADIOACTIVITY ^{242}Fm(α), (SF), ^{241,243,244}Fm(EC), (α), (SF) [from ^{204,206,207,208}Pb(^{40}Ar, X)]; measured Eα, Eγ, $\alpha\gamma$-coin, $T_{1/2}$, branching ratio, total kinetic energy, SF hindrance factors. Non observance of ^{242}Fm. Comparison with $T_{1/2}$ calculations. ^{236,237,238,239}Fm(SF); calculated $T_{1/2}$. JOUR ZAANE 37 177

A=237

^{237}Np	2008DE10	RADIOACTIVITY ^{237}Np(α); measured Eα, Iα, X-ray spectra, Eγ, Iγ. JOUR ARISE 66 668
	2008GR11	RADIOACTIVITY ^{237}Np(α), ^{238,239}Np(β^-) [from ^{237}Np(n, γ) and ^{238}Np(n, γ)]; measured Eγ, Iγ, Eβ, Iβ. ^{239}Np deduced level energies. JOUR JRNCD 276 731
	2008LE07	RADIOACTIVITY ^{241}Am(α); measured Eγ, Iγ, E(X-ray), I(X-ray); deduced L X-ray emission probabilities. JOUR ARISE 66 715
	2008SA02	RADIOACTIVITY ^{237}Np(SF)[from ^{236}U(n, γ)^{237}U(β^-), ^{238}U(n, 2n)^{237}U(β^-)]; measured criticality conditions. JOUR NSENA 158 1
	2008SAZY	NUCLEAR REACTIONS ^{238}U(^{82}Se, ^{84}Se), (^{82}Se, ^{82}Ge), (^{82}Se, ^{83}As), (^{82}Se, ^{81}Ga), E=505, 515 MeV; measured Eγ, Iγ, γ asymmetry; ^{81}Ga, ^{82}Ge, ^{83}As, ^{84}Se; deduced levels, J, π. CONF Crete(FINUSTAR 2),Proc.P139,Sahin
	2008ZH10	RADIOACTIVITY ^{241}Pu(β^-), ^{241}Am(α); measured Eγ, Eα, ^{241}Pu / ^{241}Am activity ratio. HPGe detectors, Ion-implanted Si charged particle detector. Thermal ionization mass spectrometry. JOUR RAACA 96 327
^{237}Cf	2008KH10	RADIOACTIVITY ^{242}Fm(α), (SF), ^{241,243,244}Fm(EC), (α), (SF) [from ^{204,206,207,208}Pb(^{40}Ar, X)]; measured Eα, Eγ, $\alpha\gamma$-coin, $T_{1/2}$, branching ratio, total kinetic energy, SF hindrance factors. Non observance of ^{242}Fm. Comparison with $T_{1/2}$ calculations. ^{236,237,238,239}Fm(SF); calculated $T_{1/2}$. JOUR ZAANE 37 177
^{237}Fm	2008KH10	RADIOACTIVITY ^{242}Fm(α), (SF), ^{241,243,244}Fm(EC), (α), (SF) [from ^{204,206,207,208}Pb(^{40}Ar, X)]; measured Eα, Eγ, $\alpha\gamma$-coin, $T_{1/2}$, branching ratio, total kinetic energy, SF hindrance factors. Non observance of ^{242}Fm. Comparison with $T_{1/2}$ calculations. ^{236,237,238,239}Fm(SF); calculated $T_{1/2}$. JOUR ZAANE 37 177

A=238

^{238}U	2008AL18	RADIOACTIVITY ^{235,238}U(α); measured Eγ, Iγ, E(K X-ray), I(K X-ray) to determine sample enrichment. Cryogenic spectrometer and HPGe detector compared. JOUR JRNCD 276 749
	2008PO06	RADIOACTIVITY ^{234,235}U(α); measured Eα, Iα. ^{235,238}U; deduced half-life ratio. JOUR JRNCD 277 207
	2008WE01	RADIOACTIVITY ^{238,235}U(α); measured isotopic ratios in natural samples. JOUR GCACA 72 345
^{238}Np	2007KRZY	NUCLEAR REACTIONS ^{127}I(d, X)^{111}In / ^{119}Te / ^{121}I / ^{122}Sb / ^{123}I / ^{124}I / ^{125}Xe / ^{126}I, E=2.52 GeV; measured yields; ^{129}I(d, X)^{121}Te / ^{124}I / ^{126}I / ^{130}I, E=2.52 GeV; measured yields; ^{237}Np(d, X)^{97}Zr / ^{99}Mo / ^{132}Te / ^{133}I / ^{238}Np, E=2.52 GeV; measured yields; ^{238}Pu(d, X)^{97}Zr / ^{135}Xe, E≈2.5 GeV; measured yields; ^{239}Pu(d, X)^{103}Ru / ^{128}Sb / ^{132}Te / ^{133}I / ^{135}I / ^{135}Xe / ^{140}Ba / ^{143}Ce / ^{91}Sr / ^{97}Zr, E≈2.5 GeV; measured yields; ^{26}Al(n, α), ^{197}Au(n, γ), ^{197}Au(n, 2n), ^{197}Au(n, 4n), E not given; measured radial distributions of production rates of daughter nuclei; ^{89}Y(n, 2n), ^{89}Y(n, 3n), ^{89}Y(n, 4n), E not given; measured production rates of daughter nuclei. activation detector for transmutation setup; ^{238}U, Pb(n, f), ^{238}U, Pb(n, γ), E not given; measured σ. REPT JINR-E1-2007-7,Krivopustov
	2008ES01	NUCLEAR REACTIONS ^{237}Np(n, γ), E=0.02-500 keV; measured σ, neutron flux, Eγ, Iγ, time-of-flight spectra, α-spectra. DANCE array. Comparisons with Hauser-Feshbach-Moldauer calculations. JOUR PRVCA 77 034309
	2008GR11	RADIOACTIVITY ^{237}Np(α), ^{238,239}Np(β^-) [from ^{237}Np(n, γ) and ^{238}Np(n, γ)]; measured Eγ, Iγ, Eβ, Iβ. ^{239}Np deduced level energies. JOUR JRNCD 276 731
^{238}Pu	2007WAZV	NUCLEAR REACTIONS ^{130}Te(^{37}Cl, 4n), E=170 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, lifetimes by Doppler-shift method. ^{163}Tm; deduced high-spin levels, J, π, triaxial superdeformed bands, B(M1) / B(E2), transition quadrupole moments, potential energy surface calculations. ^{240,242}Pu(^{208}Pb, ^{208}Pb'), ^{239}Pu(^{207}Pb, ^{208}Pb), E=1300 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma(\theta)$ in 'unsafe' Coulomb excitation for ^{240,242}Pu and single-neutron transfer for ^{238}Pu. ^{238,240,242}Pu; deduced high-spin levels, J, π, A_2, A_4. THESIS X Wang, Notre Dame, Indiana
	2008GR11	RADIOACTIVITY ^{237}Np(α), ^{238,239}Np(β^-) [from ^{237}Np(n, γ) and ^{238}Np(n, γ)]; measured Eγ, Iγ, Eβ, Iβ. ^{239}Np deduced level energies. JOUR JRNCD 276 731
	2008SAZY	NUCLEAR REACTIONS ^{238}U(^{82}Se, ^{84}Se), (^{82}Se, ^{82}Ge), (^{82}Se, ^{83}As), (^{82}Se, ^{81}Ga), E=505, 515 MeV; measured Eγ, Iγ, γ asymmetry; ^{81}Ga, ^{82}Ge, ^{83}As, ^{84}Se; deduced levels, J, π. CONF Crete(FINUSTAR 2),Proc.P139,Sahin
^{238}Cm	2008QI03	NUCLEAR REACTIONS ^{232}Th(^{12}C, 6n), (^{12}C, 5n), (^{12}C, 4n), E=70, 74 MeV; measured cross sections. JOUR RAACA 96 455
^{238}Cf	2008KH10	RADIOACTIVITY ^{242}Fm(α), (SF), ^{241,243,244}Fm(EC), (α), (SF) [from ^{204,206,207,208}Pb(^{40}Ar, X)]; measured Eα, Eγ, $\alpha\gamma$-coin, $T_{1/2}$, branching ratio, total kinetic energy, SF hindrance factors. Non observance of ^{242}Fm. Comparison with $T_{1/2}$ calculations. ^{236,237,238,239}Fm(SF); calculated $T_{1/2}$. JOUR ZAANE 37 177

A=238 *(continued)*

^{238}Fm	2008KH10	RADIOACTIVITY ^{242}Fm(α), (SF), ^{241,243,244}Fm(EC), (α), (SF) [from ^{204,206,207,208}Pb(^{40}Ar, X)]; measured Eα, Eγ, $\alpha\gamma$-coin, $T_{1/2}$, branching ratio, total kinetic energy, SF hindrance factors. Non observance of ^{242}Fm. Comparison with $T_{1/2}$ calculations. ^{236,237,238,239}Fm(SF); calculated $T_{1/2}$. JOUR ZAANE 37 177

A=239

^{239}U	2008RE07	NUCLEAR REACTIONS ^{20}Ne, ^{27}Al, ^{40}Ar, ^{84}Kr, ^{131,132}Xe, ^{208}Pb, ^{235,238}U(n, γ), E=low; measured Eγ, Iγ using cold neutron source and an "invisible container". JOUR JRNCD 276 825
^{239}Np	2008GR11	RADIOACTIVITY ^{237}Np(α), ^{238,239}Np(β^-) [from ^{237}Np(n, γ) and ^{238}Np(n, γ)]; measured Eγ, Iγ, Eβ, Iβ. ^{239}Np deduced level energies. JOUR JRNCD 276 731
^{239}Pu	2008BE31	NUCLEAR REACTIONS ^{235}U(γ, γ'), E=2.2 MeV;^{239}Pu(γ, γ), E=2.8 MeV; measured Eγ, Iγ, σ; deduced level energies, dipole excitations. JOUR PRVCA 78 041601
	2008GR11	RADIOACTIVITY ^{237}Np(α), ^{238,239}Np(β^-) [from ^{237}Np(n, γ) and ^{238}Np(n, γ)]; measured Eγ, Iγ, Eβ, Iβ. ^{239}Np deduced level energies. JOUR JRNCD 276 731
^{239}Am	2008SAZY	NUCLEAR REACTIONS ^{238}U(^{82}Se, ^{84}Se), (^{82}Se, ^{82}Ge), (^{82}Se, ^{83}As), (^{82}Se, ^{81}Ga), E=505, 515 MeV; measured Eγ, Iγ, γ asymmetry; ^{81}Ga, ^{82}Ge, ^{83}As, ^{84}Se; deduced levels, J, π. CONF Crete(FINUSTAR 2),Proc.P139,Sahin
^{239}Cm	2008QI03	RADIOACTIVITY ^{239}Cm(α) [from ^{232}Th(^{12}C, 5n), E=70, 74 MeV]; measured measured Eγ, Iγ, Eα, Iα. JOUR RAACA 96 455
	2008QI03	NUCLEAR REACTIONS ^{232}Th(^{12}C, 6n), (^{12}C, 5n), (^{12}C, 4n), E=70, 74 MeV; measured cross sections. JOUR RAACA 96 455
^{239}Cf	2008KH10	RADIOACTIVITY ^{242}Fm(α), (SF), ^{241,243,244}Fm(EC), (α), (SF) [from ^{204,206,207,208}Pb(^{40}Ar, X)]; measured Eα, Eγ, $\alpha\gamma$-coin, $T_{1/2}$, branching ratio, total kinetic energy, SF hindrance factors. Non observance of ^{242}Fm. Comparison with $T_{1/2}$ calculations. ^{236,237,238,239}Fm(SF); calculated $T_{1/2}$. JOUR ZAANE 37 177
^{239}Fm	2008KH10	RADIOACTIVITY ^{242}Fm(α), (SF), ^{241,243,244}Fm(EC), (α), (SF) [from ^{204,206,207,208}Pb(^{40}Ar, X)]; measured Eα, Eγ, $\alpha\gamma$-coin, $T_{1/2}$, branching ratio, total kinetic energy, SF hindrance factors. Non observance of ^{242}Fm. Comparison with $T_{1/2}$ calculations. ^{236,237,238,239}Fm(SF); calculated $T_{1/2}$. JOUR ZAANE 37 177

A=240

^{240}Pu	2007WAZV	NUCLEAR REACTIONS ^{130}Te(^{37}Cl, 4n), E=170 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, lifetimes by Doppler-shift method. ^{163}Tm; deduced high-spin levels, J, π, triaxial superdeformed bands, B(M1) / B(E2), transition quadrupole moments, potential energy surface calculations. ^{240,242}Pu(^{208}Pb, ^{208}Pb'), ^{239}Pu(^{207}Pb, ^{208}Pb), E=1300 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma(\theta)$ in 'unsafe' Coulomb excitation for ^{240,242}Pu and single-neutron transfer for ^{238}Pu. ^{238,240,242}Pu; deduced high-spin levels, J, π, A_2, A_4. THESIS X Wang, Notre Dame, Indiana
^{240}Am	2008TO06	NUCLEAR REACTIONS ^{241}Am(n, 2n), E=7.6-14.5 MeV; measured Eγ, Iγ, neutron time-of-flight spectra, σ, excitation functions. Comparison with evaluated data in ENDF / B-VII and JENDL-3.3. JOUR PRVCA 77 054610
^{240}Cm	2008QI03	NUCLEAR REACTIONS ^{232}Th(^{12}C, 6n), (^{12}C, 5n), (^{12}C, 4n), E=70, 74 MeV; measured cross sections. JOUR RAACA 96 455
^{240}Cf	2008KH10	RADIOACTIVITY ^{242}Fm(α), (SF), ^{241,243,244}Fm(EC), (α), (SF) [from ^{204,206,207,208}Pb(^{40}Ar, X)]; measured Eα, Eγ, $\alpha\gamma$-coin, $T_{1/2}$, branching ratio, total kinetic energy, SF hindrance factors. Non observance of ^{242}Fm. Comparison with $T_{1/2}$ calculations. ^{236,237,238,239}Fm(SF); calculated $T_{1/2}$. JOUR ZAANE 37 177

A=241

^{241}Pu	2008ZH10	RADIOACTIVITY ^{241}Pu(β^-), ^{241}Am(α); measured Eγ, Eα, ^{241}Pu / ^{241}Am activity ratio. HPGe detectors, Ion-implanted Si charged particle detector. Thermal ionization mass spectrometry. JOUR RAACA 96 327
^{241}Am	2008LE07	RADIOACTIVITY ^{241}Am(α); measured Eγ, Iγ, E(X-ray), I(X-ray); deduced L X-ray emission probabilities. JOUR ARISE 66 715
	2008ZH10	RADIOACTIVITY ^{241}Pu(β^-), ^{241}Am(α); measured Eγ, Eα, ^{241}Pu / ^{241}Am activity ratio. HPGe detectors, Ion-implanted Si charged particle detector. Thermal ionization mass spectrometry. JOUR RAACA 96 327
^{241}Bk	2008GA25	RADIOACTIVITY ^{257,258}Db, ^{253,254}Lr, ^{249,250}Md, ^{246}Cf, ^{250}Fm, ^{254}No, ^{245}Es(α); measured α-spectra, half-lives. JOUR PRVCA 78 034604
^{241}Es	2008KH10	RADIOACTIVITY ^{242}Fm(α), (SF), ^{241,243,244}Fm(EC), (α), (SF) [from ^{204,206,207,208}Pb(^{40}Ar, X)]; measured Eα, Eγ, $\alpha\gamma$-coin, $T_{1/2}$, branching ratio, total kinetic energy, SF hindrance factors. Non observance of ^{242}Fm. Comparison with $T_{1/2}$ calculations. ^{236,237,238,239}Fm(SF); calculated $T_{1/2}$. JOUR ZAANE 37 177
^{241}Fm	2008KH10	NUCLEAR REACTIONS ^{207}Pb(^{40}Ar, 3n), E=193 MeV; ^{208}Pb(^{40}Ar, 4n), E=201 MeV; ^{206}Pb(^{40}Ar, xn)^{242}Fm / ^{243}Fm / ^{244}Fm, E=185-204 MeV; ^{204}Pb(^{40}Ar, 3n), E=187-206 MeV; ^{204}Pb(^{40}Ar, 2n), E=187 MeV; measured σ, Eγ, Iγ, Eα, $\alpha\gamma$-, (recoil)γ-coin following residual nucleus decay. Non observance of ^{242}Fm nor K-isomers in ^{241,242,243,244}Fm. Comparison with HIVAP calculations. JOUR ZAANE 37 177

A=241 ***(continued)***

	2008KH10	RADIOACTIVITY ^{242}Fm(α), (SF), ^{241,243,244}Fm(EC), (α), (SF) [from ^{204,206,207,208}Pb(^{40}Ar, X)]; measured Eα, Eγ, $\alpha\gamma$-coin, $T_{1/2}$, branching ratio, total kinetic energy, SF hindrance factors. Non observance of ^{242}Fm. Comparison with $T_{1/2}$ calculations. ^{236,237,238,239}Fm(SF); calculated $T_{1/2}$. JOUR ZAANE 37 177

A=242

^{242}Pu	2007WAZV	NUCLEAR REACTIONS ^{130}Te(^{37}Cl, 4n), E=170 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, lifetimes by Doppler-shift method. ^{163}Tm; deduced high-spin levels, J, π, triaxial superdeformed bands, B(M1) / B(E2), transition quadrupole moments, potential energy surface calculations. ^{240,242}Pu(^{208}Pb, ^{208}Pb'), ^{239}Pu(^{207}Pb, ^{208}Pb), E=1300 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma(\theta)$ in 'unsafe' Coulomb excitation for ^{240,242}Pu and single-neutron transfer for ^{238}Pu. ^{238,240,242}Pu; deduced high-spin levels, J, π, A_2, A_4. THESIS X Wang, Notre Dame, Indiana
^{242}Am	2007NA33	NUCLEAR REACTIONS ^{241}Am(n, γ), E=thermal; measured decay Eα, Iα, cross section and resonance integral for thermal neutron capture leading to ground state using the activation method. JOUR JNSTA 44 1500
	2008BRZZ	NUCLEAR REACTIONS ^{89}Y, ^{95}Mo(n, γ), E not given; measured Eγ, Iγ; ^{241}Am(n, γ), E=0.02 eV - 100 keV; measured σ. Compared results to ENDFB-VII database. CONF Crete(FINUSTAR 2),Proc.P111,Bredeweg
	2008JA08	NUCLEAR REACTIONS ^{241}Am(n, γ), E=0.02 eV-320 keV; measured Eγ, Iγ, σ, resonance parameters. Comparison with evaluated cross sections databases. JOUR PRVCA 78 034609
	2008JAZZ	NUCLEAR REACTIONS ^{241}Am(n, γ), E=0.02 eV - 300 keV; measured cross sections; deduced resonance parameters. CONF Yosemit(CNR 2007) Proc.P30,Jandel
	2008JUZZ	NUCLEAR REACTIONS ^{243}Am(^{3}He, p), (^{3}He, d), (^{3}He, t), (^{3}He, α), E=24, 30 MeV; measured Ep, Ip, Ed, Id, Et, It, Eα, Iα; deduced pseudo-mass yields; ^{242,243,244}Cm, ^{241}Am(n, f); deduced cross sections using surrogate method. CONF Yosemit(CNR 2007) Proc.P90,Jurado
^{242}Cm	2008GA25	RADIOACTIVITY ^{257,258}Db, ^{253,254}Lr, ^{249,250}Md, ^{246}Cf, ^{250}Fm, ^{254}No, ^{245}Es(α); measured α-spectra, half-lives. JOUR PRVCA 78 034604
^{242}Fm	2008KH10	NUCLEAR REACTIONS ^{207}Pb(^{40}Ar, 3n), E=193 MeV; ^{208}Pb(^{40}Ar, 4n), E=201 MeV; ^{206}Pb(^{40}Ar, xn)^{242}Fm / ^{243}Fm / ^{244}Fm, E=185-204 MeV; ^{204}Pb(^{40}Ar, 3n), E=187-206 MeV; ^{204}Pb(^{40}Ar, 2n), E=187 MeV; measured σ, Eγ, Iγ, Eα, $\alpha\gamma$-, (recoil)γ-coin following residual nucleus decay. Non observance of ^{242}Fm nor K-isomers in ^{241,242,243,244}Fm. Comparison with HIVAP calculations. JOUR ZAANE 37 177
	2008KH10	RADIOACTIVITY ^{242}Fm(α), (SF), ^{241,243,244}Fm(EC), (α), (SF) [from ^{204,206,207,208}Pb(^{40}Ar, X)]; measured Eα, Eγ, $\alpha\gamma$-coin, $T_{1/2}$, branching ratio, total kinetic energy, SF hindrance factors. Non observance of ^{242}Fm. Comparison with $T_{1/2}$ calculations. ^{236,237,238,239}Fm(SF); calculated $T_{1/2}$. JOUR ZAANE 37 177

A=243

^{243}Cm	2008JUZZ	NUCLEAR REACTIONS ^{243}Am(^{3}He, p), (^{3}He, d), (^{3}He, t), (^{3}He, α), E=24, 30 MeV; measured Ep, Ip, Ed, Id, Et, It, Eα, Iα; deduced pseudo-mass yields; ^{242,243,244}Cm, ^{241}Am(n, f); deduced cross sections using surrogate method. CONF Yosemit(CNR 2007) Proc.P90,Jurado
^{243}Es	2008KH10	RADIOACTIVITY ^{242}Fm(α), (SF), ^{241,243,244}Fm(EC), (α), (SF) [from ^{204,206,207,208}Pb(^{40}Ar, X)]; measured Eα, Eγ, $\alpha\gamma$-coin, $T_{1/2}$, branching ratio, total kinetic energy, SF hindrance factors. Non observance of ^{242}Fm. Comparison with $T_{1/2}$ calculations. ^{236,237,238,239}Fm(SF); calculated $T_{1/2}$. JOUR ZAANE 37 177
^{243}Fm	2008KH10	NUCLEAR REACTIONS ^{207}Pb(^{40}Ar, 3n), E=193 MeV; ^{208}Pb(^{40}Ar, 4n), E=201 MeV; ^{206}Pb(^{40}Ar, xn)^{242}Fm / ^{243}Fm / ^{244}Fm, E=185-204 MeV; ^{204}Pb(^{40}Ar, 3n), E=187-206 MeV; ^{204}Pb(^{40}Ar, 2n), E=187 MeV; measured σ, Eγ, Iγ, Eα, $\alpha\gamma$-, (recoil)γ-coin following residual nucleus decay. Non observance of ^{242}Fm nor K-isomers in ^{241,242,243,244}Fm. Comparison with HIVAP calculations. JOUR ZAANE 37 177
	2008KH10	RADIOACTIVITY ^{242}Fm(α), (SF), ^{241,243,244}Fm(EC), (α), (SF) [from ^{204,206,207,208}Pb(^{40}Ar, X)]; measured Eα, Eγ, $\alpha\gamma$-coin, $T_{1/2}$, branching ratio, total kinetic energy, SF hindrance factors. Non observance of ^{242}Fm. Comparison with $T_{1/2}$ calculations. ^{236,237,238,239}Fm(SF); calculated $T_{1/2}$. JOUR ZAANE 37 177

A=244

^{244}Pu	2008RO21	NUCLEAR REACTIONS ^{206}Pb(^{48}Ca, 2n), E=217 MeV; measured Eγ, Iγ, conversion electron spectra, $\gamma\gamma$-, (ce)γ-coin, half-life. ^{252}No; deduced levels, J, π. ^{244}Pu, ^{248}Cf, ^{250}Fm; systematics of 2- and 8- states. JOUR PRVCA 78 034308
^{244}Cm	2008JUZZ	NUCLEAR REACTIONS ^{243}Am(^{3}He, p), (^{3}He, d), (^{3}He, t), (^{3}He, α), E=24, 30 MeV; measured Ep, Ip, Ed, Id, Et, It, Eα, Iα; deduced pseudo-mass yields; ^{242,243,244}Cm, ^{241}Am(n, f); deduced cross sections using surrogate method. CONF Yosemit(CNR 2007) Proc.P90,Jurado
	2008VE05	RADIOACTIVITY ^{244,246,248}Cm(SF); measured ternary fission α and triton emission probabilities and energy distributions. JOUR NUPAB 806 1
^{244}Es	2008KH10	RADIOACTIVITY ^{242}Fm(α), (SF), ^{241,243,244}Fm(EC), (α), (SF) [from ^{204,206,207,208}Pb(^{40}Ar, X)]; measured Eα, Eγ, $\alpha\gamma$-coin, $T_{1/2}$, branching ratio, total kinetic energy, SF hindrance factors. Non observance of ^{242}Fm. Comparison with $T_{1/2}$ calculations. ^{236,237,238,239}Fm(SF); calculated $T_{1/2}$. JOUR ZAANE 37 177
^{244}Fm	2008KH10	NUCLEAR REACTIONS ^{207}Pb(^{40}Ar, 3n), E=193 MeV; ^{208}Pb(^{40}Ar, 4n), E=201 MeV; ^{206}Pb(^{40}Ar, xn)^{242}Fm / ^{243}Fm / ^{244}Fm, E=185-204 MeV; ^{204}Pb(^{40}Ar, 3n), E=187-206 MeV; ^{204}Pb(^{40}Ar, 2n), E=187 MeV; measured σ, Eγ, Iγ, Eα, $\alpha\gamma$-, (recoil)γ-coin following residual nucleus decay. Non observance of ^{242}Fm nor K-isomers in ^{241,242,243,244}Fm. Comparison with HIVAP calculations. JOUR ZAANE 37 177

A=244 *(continued)*

	2008KH10	RADIOACTIVITY ^{242}Fm(α), (SF), ^{241,243,244}Fm(EC), (α), (SF) [from ^{204,206,207,208}Pb(^{40}Ar, X)]; measured Eα, Eγ, $\alpha\gamma$-coin, $T_{1/2}$, branching ratio, total kinetic energy, SF hindrance factors. Non observance of ^{242}Fm. Comparison with $T_{1/2}$ calculations. ^{236,237,238,239}Fm(SF); calculated $T_{1/2}$. JOUR ZAANE 37 177

A=245

^{245}Pu	2007MA82	NUCLEAR REACTIONS ^{244}Pu(^{18}O, ^{17}O), (^{18}O, ^{16}O), E=162 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives. ^{245,246}Pu; deduced levels, J, π, configurations. Compared with experimental and calculated values for the first 2^+ level energy in ^{232,234,236,238,240,242}U, ^{234,236,238,240,242,244,248}Pu, ^{240,242,244,246,248,250}Cm, ^{244,246,248,250,252,254}Cf, ^{250,252,254,256}Fm, ^{248,250,252,254,256,258}No. ^{247}Cm, ^{249}Cf, ^{251}Fm, ^{253}No; systematics. JOUR PRVCA 76 061301
^{245}Cm	2008JUZZ	NUCLEAR REACTIONS ^{243}Am(^{3}He, p), (^{3}He, d), (^{3}He, t), (^{3}He, α), E=24, 30 MeV; measured Ep, Ip, Ed, Id, Et, It, Eα, Iα; deduced pseudo-mass yields; ^{242,243,244}Cm, ^{241}Am(n, f); deduced cross sections using surrogate method. CONF Yosemit(CNR 2007) Proc.P90,Jurado
^{245}Es	2008GA25	RADIOACTIVITY ^{257,258}Db, ^{253,254}Lr, ^{249,250}Md, ^{246}Cf, ^{250}Fm, ^{254}No, ^{245}Es(α); measured α-spectra, half-lives. JOUR PRVCA 78 034604

A=246

^{246}Pu	2007MA82	NUCLEAR REACTIONS ^{244}Pu(^{18}O, ^{17}O), (^{18}O, ^{16}O), E=162 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives. ^{245,246}Pu; deduced levels, J, π, configurations. Compared with experimental and calculated values for the first 2^+ level energy in ^{232,234,236,238,240,242}U, ^{234,236,238,240,242,244,248}Pu, ^{240,242,244,246,248,250}Cm, ^{244,246,248,250,252,254}Cf, ^{250,252,254,256}Fm, ^{248,250,252,254,256,258}No. ^{247}Cm, ^{249}Cf, ^{251}Fm, ^{253}No; systematics. JOUR PRVCA 76 061301
^{246}Am	2008RO21	RADIOACTIVITY ^{246}Am(β^-) [from ^{244}Pu(α, pn), E=42 MeV]; measured Eγ, Iγ, conversion electron spectra, $\gamma\gamma$-, (ce)γ-spectra, isomer half-life. ^{246}Cm; deduced levels, J, π. JOUR PRVCA 78 034308
^{246}Cm	2008RO21	RADIOACTIVITY ^{246}Am(β^-) [from ^{244}Pu(α, pn), E=42 MeV]; measured Eγ, Iγ, conversion electron spectra, $\gamma\gamma$-, (ce)γ-spectra, isomer half-life. ^{246}Cm; deduced levels, J, π. JOUR PRVCA 78 034308
	2008VE05	RADIOACTIVITY ^{244,246,248}Cm(SF); measured ternary fission α and triton emission probabilities and energy distributions. JOUR NUPAB 806 1
^{246}Cf	2008GA25	RADIOACTIVITY ^{257,258}Db, ^{253,254}Lr, ^{249,250}Md, ^{246}Cf, ^{250}Fm, ^{254}No, ^{245}Es(α); measured α-spectra, half-lives. JOUR PRVCA 78 034604
^{246}Es	2008GA25	RADIOACTIVITY ^{257,258}Db, ^{253,254}Lr, ^{249,250}Md, ^{246}Cf, ^{250}Fm, ^{254}No, ^{245}Es(α); measured α-spectra, half-lives. JOUR PRVCA 78 034604

A=247

^{247}Cm	2007MA82	NUCLEAR REACTIONS ^{244}Pu(^{18}O, ^{17}O), (^{18}O, ^{16}O), E=162 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives. ^{245,246}Pu; deduced levels, J, π, configurations. Compared with experimental and calculated values for the first 2^+ level energy in ^{232,234,236,238,240,242}U, ^{234,236,238,240,242,244,248}Pu, ^{240,242,244,246,248,250}Cm, ^{244,246,248,250,252,254}Cf, ^{250,252,254,256}Fm, ^{248,250,252,254,256,258}No. ^{247}Cm, ^{249}Cf, ^{251}Fm, ^{253}No; systematics. JOUR PRVCA 76 061301

A=248

^{248}Cm	2008TS03	RADIOACTIVITY ^{248}Cm, ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin, fragment mass distributions. JOUR PRVCA 78 011301
	2008VE05	RADIOACTIVITY ^{244,246,248}Cm(SF); measured ternary fission α and triton emission probabilities and energy distributions. JOUR NUPAB 806 1
^{248}Cf	2008KA27	NUCLEAR REACTIONS ^{249}Cf(d, p), (d, t), E=11, 12, 13, 14 MeV; measured charged particle energies, $\sigma(\theta)$. ^{248,250}Cf; deduced levels, J, π, bands, configurations. Comparison with model calculations. JOUR PRVCA 78 014301
	2008RO21	NUCLEAR REACTIONS ^{206}Pb(^{48}Ca, 2n), E=217 MeV; measured Eγ, Iγ, conversion electron spectra, $\gamma\gamma$-, (ce)γ-coin, half-life. ^{252}No; deduced levels, J, π. ^{244}Pu, ^{248}Cf, ^{250}Fm; systematics of 2- and 8- states. JOUR PRVCA 78 034308
^{248}Fm	2008GRZW	NUCLEAR REACTIONS ^{202}Hg(^{48}Ca, 2n)^{248}Fm, E=213 MeV; measured Eγ, Iγ; ^{248}Fm; deduced bands structure. CONF Crete(FINUSTAR 2),Proc.P56,Greenlees

A=249

^{249}Bk	2008GU05	RADIOACTIVITY ^{253}Es(α); measured Eα, Iα, Eγ, Iγ, half-life for source implanted in an Iron foil at low temperatures. JOUR BRSPE 72 315
^{249}Cf	2007MA82	NUCLEAR REACTIONS ^{244}Pu(^{18}O, ^{17}O), (^{18}O, ^{16}O), E=162 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives. ^{245,246}Pu; deduced levels, J, π, configurations. Compared with experimental and calculated values for the first 2^+ level energy in ^{232,234,236,238,240,242}U, ^{234,236,238,240,242,244,248}Pu, ^{240,242,244,246,248,250}Cm, ^{244,246,248,250,252,254}Cf, ^{250,252,254,256}Fm, ^{248,250,252,254,256,258}No. ^{247}Cm, ^{249}Cf, ^{251}Fm, ^{253}No; systematics. JOUR PRVCA 76 061301
^{249}Fm	2008DOZZ	RADIOACTIVITY ^{253}No(α) [from ^{207}Pb(^{48}Ca, 2n)]; measured Eγ, Iγ, Eα, Iα, $\alpha\gamma$-coin, conversion electrons; ^{217}Pa(α) [from ^{181}Ta(^{40}Ar, 4n)]; measured Eγ, Iγ, $\alpha\gamma$-coin, α(conversion electron)-coin; ^{249}Fm(IT); measured internal conversion coefficients. CONF Crete(FINUSTAR 2),Proc.P64,Dorvaux
^{249}Md	2008GA25	RADIOACTIVITY ^{257,258}Db, ^{253,254}Lr, ^{249,250}Md, ^{246}Cf, ^{250}Fm, ^{254}No, ^{245}Es(α); measured α-spectra, half-lives. JOUR PRVCA 78 034604

A=250

^{250}Bk	2008AH02	NUCLEAR REACTIONS ^{249}Bk(d, p), E=12.0 MeV; measured proton spectra, $\sigma(\theta)$. ^{250}Bk; deduced levels, J, π. JOUR PRVCA 77 054302
	2008AH02	RADIOACTIVITY ^{254}Es(α); measured Eα, Iα, Eγ, Iγ, ce, ICC, $\gamma\alpha$-coin. ^{250}Bk; deduced levels, J, π, hindrance factors, γ-multipolarities, band configurations. JOUR PRVCA 77 054302
^{250}Cf	2008KA27	NUCLEAR REACTIONS ^{249}Cf(d, p), (d, t), E=11, 12, 13, 14 MeV; measured charged particle energies, $\sigma(\theta)$. ^{248,250}Cf; deduced levels, J, π, bands, configurations. Comparison with model calculations. JOUR PRVCA 78 014301
^{250}Fm	2008GA08	RADIOACTIVITY ^{258}Rf(α) [from ^{238}U(^{26}Mg, 6n), E=4.9-6.0 MeV / nucleon]; ^{259}Rf(EC) [from ^{238}U(^{26}Mg, 5n), E=4.9-6.0 MeV / nucleon]; ^{260}Rf(α), (SF) [from ^{238}U(^{26}Mg, 4n), E=4.9-6.0 MeV / nucleon]; ^{261}Rf(α), (SF) [from ^{238}U(^{26}Mg, 3n), E=4.9-6.0 MeV / nucleon]; ^{254}No(α); measured α spectra, Q-values, charged particle spectra.^{242,244,246,248,250,252,254,256,258}Fm, ^{248,250,252,254,256}No, ^{250,252,254,256}Rf, ^{252,254,256,258,260}Sg; systematics. JOUR PRVCA 77 034603
	2008GA25	RADIOACTIVITY ^{257,258}Db, ^{253,254}Lr, ^{249,250}Md, ^{246}Cf, ^{250}Fm, ^{254}No, ^{245}Es(α); measured α-spectra, half-lives. JOUR PRVCA 78 034604
	2008GR17	NUCLEAR REACTIONS ^{204}Hg(^{48}Ca, 2n), E=209 MeV; measured Eγ, Iγ, conversion electrons, (ce)γ-coin. ^{250}Fm; deduced levels, J, π, band configurations, B(M1), B(E2). ^{252,254}No; systematics JOUR PRVCA 78 021303
	2008GR17	RADIOACTIVITY ^{250}Fm(IT); measured Eγ, Iγ, half-life. Deduced levels, J, π. Comparison with model calculations. JOUR PRVCA 78 021303
	2008RO21	NUCLEAR REACTIONS ^{206}Pb(^{48}Ca, 2n), E=217 MeV; measured Eγ, Iγ, conversion electron spectra, $\gamma\gamma$-, (ce)γ-coin, half-life. ^{252}No; deduced levels, J, π. ^{244}Pu, ^{248}Cf, ^{250}Fm; systematics of 2- and 8-states. JOUR PRVCA 78 034308
^{250}Md	2008GA25	RADIOACTIVITY ^{257,258}Db, ^{253,254}Lr, ^{249,250}Md, ^{246}Cf, ^{250}Fm, ^{254}No, ^{245}Es(α); measured α-spectra, half-lives. JOUR PRVCA 78 034604
^{250}No	2008DR05	RADIOACTIVITY ^{254,255,256,257}Rf(α); measured Eα, Iα, half-lives. JOUR PRVCA 78 024605
	2008KN01	NUCLEAR REACTIONS ^{206}Pb(^{44}Ca, X), E=217, 227 MeV; ^{186}W(^{64}Ni, X), E=300, 311 MeV; measured mass-energy distributions of binary fragments, $\sigma(\theta)$ for fissionlike fragments. ^{250}No; deduced influence of mass assymetry of the entrance channel in compound nucleus formation. JOUR PPNLA 5 21

A=251

^{251}Fm	2007MA82	NUCLEAR REACTIONS ^{244}Pu(^{18}O, ^{17}O), (^{18}O, ^{16}O), E=162 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives. ^{245,246}Pu; deduced levels, J, π, configurations. Compared with experimental and calculated values for the first 2^+ level energy in ^{232,234,236,238,240,242}U, ^{234,236,238,240,242,244,248}Pu, ^{240,242,244,246,248,250}Cm, ^{244,246,248,250,252,254}Cf, ^{250,252,254,256}Fm, ^{248,250,252,254,256,258}No. ^{247}Cm, ^{249}Cf, ^{251}Fm, ^{253}No; systematics. JOUR PRVCA 76 061301
	2008HA31	RADIOACTIVITY ^{255}Lr, ^{255}No(α) [from ^{209}Bi(^{48}Ca, 2n), E=219 MeV]; measured Eα, Iα, conversion electrons, Eγ, Iγ, $\gamma\alpha$-, (ce)α-coin. ^{255}Lr; deduced levels, J, π, hindrance factors, half-life of isomeric state. JOUR PRVCA 78 021302
^{251}Md	2008HA31	RADIOACTIVITY ^{255}Lr, ^{255}No(α) [from ^{209}Bi(^{48}Ca, 2n), E=219 MeV]; measured Eα, Iα, conversion electrons, Eγ, Iγ, $\gamma\alpha$-, (ce)α-coin. ^{255}Lr; deduced levels, J, π, hindrance factors, half-life of isomeric state. JOUR PRVCA 78 021302
	2008KEZY	RADIOACTIVITY ^{251}Md(IT), ^{255}Lr(IT); measured Eγ, Iγ; deduced rotational bands, moments of inertia. CONF Crete(FINUSTAR 2),Proc.P368,Ketelhut
^{251}No	2008DR05	RADIOACTIVITY ^{254,255,256,257}Rf(α); measured Eα, Iα, half-lives. JOUR PRVCA 78 024605

A=252

^{252}Cf	2008DI11	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{109}Ru; deduced levels, J, π, band configurations. Total Routhian surface calculations. JOUR PRVCA 77 057302
	2008EN02	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, En, In, $\gamma\gamma$-, nn-coin, cross correlation functions. compared results to model calculations. JOUR NIMAE 595 426
	2008GA21	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, neutron yields and angular correlations. Comparisons with model calculations. JOUR BRSPE 72 773
	2008GO28	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, angular correlations, g-factors. ^{134}Te, ^{135}I; deduced levels, J, π, mixing ratios. Comparison with shell model calculations. JOUR PRVCA 78 044331
	2008HW02	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin. ^{153,155}Nd; deduced levels, configurations, rotational bands. JOUR PRVCA 78 014309
	2008HW03	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{89,91}Kr, ^{159}Sm; deduced levels, J, π, bands, configurations. ^{90,92}Kr, ^{161}Gd, ^{163}Dy; comparison with adopted levels. JOUR PRVCA 78 017303
	2008LI45	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin, angular correlations. ^{102}Zr; deduced levels, J, π, bands. JOUR PRVCA 78 044317
	2008PE20	RADIOACTIVITY ^{252}Cf(SF);measured correlated neutron time-of-flight spectra, En, σ(dθ);scintillation detectors, n-γ pulse shape discrimination. JOUR PANUE 71 1137

A=252 ***(continued)***

	2008TS03	RADIOACTIVITY ^{248}Cm, ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin, fragment mass distributions. JOUR PRVCA 78 011301
	2008WA15	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin, fission yields of ^{103,104,105}Nb, ^{143,145,147}La. ^{104}Nb; deduced levels, J, π, bands, configurations. ^{101,102,103}Nb, ^{101,103}Zr, ^{103,105}Mo; level systematics. JOUR PRVCA 78 014313
^{252}No	2008DR05	RADIOACTIVITY ^{254,255,256,257}Rf(α); measured Eα, Iα, half-lives. JOUR PRVCA 78 024605
	2008GR17	NUCLEAR REACTIONS ^{204}Hg(^{48}Ca, 2n), E=209 MeV; measured Eγ, Iγ, conversion electrons, (ce)γ-coin. ^{250}Fm; deduced levels, J, π, band configurations, B(M1), B(E2). ^{252,254}No; systematics JOUR PRVCA 78 021303
	2008RO21	NUCLEAR REACTIONS ^{206}Pb(^{48}Ca, 2n), E=217 MeV; measured Eγ, Iγ, conversion electron spectra, $\gamma\gamma$-, (ce)γ-coin, half-life. ^{252}No; deduced levels, J, π. ^{244}Pu, ^{248}Cf, ^{250}Fm; systematics of 2- and 8- states. JOUR PRVCA 78 034308

A=253

^{253}Es	2008GU05	RADIOACTIVITY ^{253}Es(α); measured Eα, Iα, Eγ, Iγ, half-life for source implanted in an Iron foil at low temperatures. JOUR BRSPE 72 315
^{253}No	2007MA82	NUCLEAR REACTIONS ^{244}Pu(^{18}O, ^{17}O), (^{18}O, ^{16}O), E=162 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives. ^{245,246}Pu; deduced levels, J, π, configurations. Compared with experimental and calculated values for the first 2^+ level energy in ^{232,234,236,238,240,242}U, ^{234,236,238,240,242,244,248}Pu, ^{240,242,244,246,248,250}Cm, ^{244,246,248,250,252,254}Cf, ^{250,252,254,256}Fm, ^{248,250,252,254,256,258}No. ^{247}Cm, ^{249}Cf, ^{251}Fm, ^{253}No; systematics. JOUR PRVCA 76 061301
	2008DOZZ	RADIOACTIVITY ^{253}No(α) [from ^{207}Pb(^{48}Ca, 2n)]; measured Eγ, Iγ, Eα, Iα, $\alpha\gamma$-coin, conversion electrons; ^{217}Pa(α) [from ^{181}Ta(^{40}Ar, 4n)]; measured Eγ, Iγ, $\alpha\gamma$-coin, α(conversion electron)-coin; ^{249}Fm(IT); measured internal conversion coefficients. CONF Crete(FINUSTAR 2),Proc.P64,Dorvaux
	2008DR05	RADIOACTIVITY ^{254,255,256,257}Rf(α); measured Eα, Iα, half-lives. JOUR PRVCA 78 024605
^{253}Lr	2008GA25	RADIOACTIVITY ^{257,258}Db, ^{253,254}Lr, ^{249,250}Md, ^{246}Cf, ^{250}Fm, ^{254}No, ^{245}Es(α); measured α-spectra, half-lives. JOUR PRVCA 78 034604

A=254

^{254}Es	2008AH02	RADIOACTIVITY ^{254}Es(α); measured Eα, Iα, Eγ, Iγ, ce, ICC, $\gamma\alpha$-coin. ^{250}Bk; deduced levels, J, π, hindrance factors, γ-multipolarities, band configurations. JOUR PRVCA 77 054302

A=254 ***(continued)***

^{254}No	2008GA08	RADIOACTIVITY ^{258}Rf(α) [from ^{238}U(^{26}Mg, 6n), E=4.9-6.0 MeV / nucleon]; ^{259}Rf(EC) [from ^{238}U(^{26}Mg, 5n), E=4.9-6.0 MeV / nucleon]; ^{260}Rf(α), (SF) [from ^{238}U(^{26}Mg, 4n), E=4.9-6.0 MeV / nucleon]; ^{261}Rf(α), (SF) [from ^{238}U(^{26}Mg, 3n), E=4.9-6.0 MeV / nucleon]; ^{254}No(α); measured α spectra, Q-values, charged particle spectra.^{242,244,246,248,250,252,254,256,258}Fm, ^{248,250,252,254,256}No, ^{250,252,254,256}Rf, ^{252,254,256,258,260}Sg; systematics. JOUR PRVCA 77 034603
	2008GA25	RADIOACTIVITY ^{257,258}Db, ^{253,254}Lr, ^{249,250}Md, ^{246}Cf, ^{250}Fm, ^{254}No, ^{245}Es(α); measured α-spectra, half-lives. JOUR PRVCA 78 034604
	2008GR17	NUCLEAR REACTIONS ^{204}Hg(^{48}Ca, 2n), E=209 MeV; measured Eγ, Iγ, conversion electrons, (ce)γ-coin. ^{250}Fm; deduced levels, J, π, band configurations, B(M1), B(E2). ^{252,254}No; systematics JOUR PRVCA 78 021303
^{254}Lr	2008GA25	RADIOACTIVITY ^{257,258}Db, ^{253,254}Lr, ^{249,250}Md, ^{246}Cf, ^{250}Fm, ^{254}No, ^{245}Es(α); measured α-spectra, half-lives. JOUR PRVCA 78 034604
^{254}Rf	2008DR05	NUCLEAR REACTIONS ^{208}Pb(^{48}Ti, n), (^{48}Ti, 2n), (^{50}Ti, n), (^{50}Ti, 2n), E=4.6-4.8 MeV / nucleon; measured excitation functions, σ. JOUR PRVCA 78 024605
	2008DR05	RADIOACTIVITY ^{254,255,256,257}Rf(α); measured Eα, Iα, half-lives. JOUR PRVCA 78 024605

A=255

^{255}No	2008HA31	RADIOACTIVITY ^{255}Lr, ^{255}No(α) [from ^{209}Bi(^{48}Ca, 2n), E=219 MeV]; measured Eα, Iα, conversion electrons, Eγ, Iγ, $\gamma\alpha$-, (ce)α-coin. ^{255}Lr; deduced levels, J, π, hindrance factors, half-life of isomeric state. JOUR PRVCA 78 021302
^{255}Lr	2008HA31	RADIOACTIVITY ^{255}Lr, ^{255}No(α) [from ^{209}Bi(^{48}Ca, 2n), E=219 MeV]; measured Eα, Iα, conversion electrons, Eγ, Iγ, $\gamma\alpha$-, (ce)α-coin. ^{255}Lr; deduced levels, J, π, hindrance factors, half-life of isomeric state. JOUR PRVCA 78 021302
	2008KEZY	RADIOACTIVITY ^{251}Md(IT), ^{255}Lr(IT); measured Eγ, Iγ; deduced rotational bands, moments of inertia. CONF Crete(FINUSTAR 2),Proc.P368,Ketelhut
^{255}Rf	2008DR05	NUCLEAR REACTIONS ^{208}Pb(^{48}Ti, n), (^{48}Ti, 2n), (^{50}Ti, n), (^{50}Ti, 2n), E=4.6-4.8 MeV / nucleon; measured excitation functions, σ. JOUR PRVCA 78 024605
	2008DR05	RADIOACTIVITY ^{254,255,256,257}Rf(α); measured Eα, Iα, half-lives. JOUR PRVCA 78 024605

A=256

^{256}No	2008GA08	RADIOACTIVITY ^{258}Rf(α) [from ^{238}U(^{26}Mg, 6n), E=4.9-6.0 MeV / nucleon]; ^{259}Rf(EC) [from ^{238}U(^{26}Mg, 5n), E=4.9-6.0 MeV / nucleon]; ^{260}Rf(α), (SF) [from ^{238}U(^{26}Mg, 4n), E=4.9-6.0 MeV / nucleon]; ^{261}Rf(α), (SF) [from ^{238}U(^{26}Mg, 3n), E=4.9-6.0 MeV / nucleon]; ^{254}No(α); measured α spectra, Q-values, charged particle spectra.^{242,244,246,248,250,252,254,256,258}Fm, ^{248,250,252,254,256}No, ^{250,252,254,256}Rf, ^{252,254,256,258,260}Sg; systematics. JOUR PRVCA 77 034603
^{256}Rf	2008DR05	NUCLEAR REACTIONS ^{208}Pb(^{48}Ti, n), (^{48}Ti, 2n), (^{50}Ti, n), (^{50}Ti, 2n), E=4.6-4.8 MeV / nucleon; measured excitation functions, σ. JOUR PRVCA 78 024605
	2008DR05	RADIOACTIVITY ^{254,255,256,257}Rf(α); measured Eα, Iα, half-lives. JOUR PRVCA 78 024605

A=257

^{257}No	2008GA08	RADIOACTIVITY ^{258}Rf(α) [from ^{238}U(^{26}Mg, 6n), E=4.9-6.0 MeV / nucleon]; ^{259}Rf(EC) [from ^{238}U(^{26}Mg, 5n), E=4.9-6.0 MeV / nucleon]; ^{260}Rf(α), (SF) [from ^{238}U(^{26}Mg, 4n), E=4.9-6.0 MeV / nucleon]; ^{261}Rf(α), (SF) [from ^{238}U(^{26}Mg, 3n), E=4.9-6.0 MeV / nucleon]; ^{254}No(α); measured α spectra, Q-values, charged particle spectra.^{242,244,246,248,250,252,254,256,258}Fm, ^{248,250,252,254,256}No, ^{250,252,254,256}Rf, ^{252,254,256,258,260}Sg; systematics. JOUR PRVCA 77 034603
^{257}Rf	2008DR05	NUCLEAR REACTIONS ^{208}Pb(^{48}Ti, n), (^{48}Ti, 2n), (^{50}Ti, n), (^{50}Ti, 2n), E=4.6-4.8 MeV / nucleon; measured excitation functions, σ. JOUR PRVCA 78 024605
	2008DR05	RADIOACTIVITY ^{254,255,256,257}Rf(α); measured Eα, Iα, half-lives. JOUR PRVCA 78 024605
^{257}Db	2008GA25	NUCLEAR REACTIONS ^{208}Pb(^{51}V, n), (^{51}V, 2n), E=4.7-5.1 MeV / nucleon; measured excitation function, σ. ^{209}Bi(^{50}Ti, n), (^{50}Ti, 2n); systematics of excitation functions, σ. JOUR PRVCA 78 034604
	2008GA25	RADIOACTIVITY ^{257,258}Db, ^{253,254}Lr, ^{249,250}Md, ^{246}Cf, ^{250}Fm, ^{254}No, ^{245}Es(α); measured α-spectra, half-lives. JOUR PRVCA 78 034604

A=258

^{258}Rf	2008GA08	NUCLEAR REACTIONS ^{238}U(^{26}Mg, 3n), (^{26}Mg, 4n), (^{26}Mg, 5n), (^{26}Mg, 6n), E=4.9-6.0 MeV / nucleon; measured excitation functions, σ, half-lives, cross sections. JOUR PRVCA 77 034603

A=258 ***(continued)***

	2008GA08	RADIOACTIVITY ^{258}Rf(α) [from ^{238}U(^{26}Mg, 6n), E=4.9-6.0 MeV / nucleon]; ^{259}Rf(EC) [from ^{238}U(^{26}Mg, 5n), E=4.9-6.0 MeV / nucleon]; ^{260}Rf(α), (SF) [from ^{238}U(^{26}Mg, 4n), E=4.9-6.0 MeV / nucleon]; ^{261}Rf(α), (SF) [from ^{238}U(^{26}Mg, 3n), E=4.9-6.0 MeV / nucleon]; ^{254}No(α); measured α spectra, Q-values, charged particle spectra.^{242,244,246,248,250,252,254,256,258}Fm, ^{248,250,252,254,256}No, ^{250,252,254,256}Rf, ^{252,254,256,258,260}Sg; systematics. JOUR PRVCA 77 034603
^{258}Db	2008GA25	NUCLEAR REACTIONS ^{208}Pb(^{51}V, n), (^{51}V, 2n), E=4.7-5.1 MeV / nucleon; measured excitation function, σ. ^{209}Bi(^{50}Ti, n), (^{50}Ti, 2n); systematics of excitation functions, σ. JOUR PRVCA 78 034604
	2008GA25	RADIOACTIVITY ^{257,258}Db, ^{253,254}Lr, ^{249,250}Md, ^{246}Cf, ^{250}Fm, ^{254}No, ^{245}Es(α); measured α-spectra, half-lives. JOUR PRVCA 78 034604

A=259

^{259}Lr	2008GA08	RADIOACTIVITY ^{258}Rf(α) [from ^{238}U(^{26}Mg, 6n), E=4.9-6.0 MeV / nucleon]; ^{259}Rf(EC) [from ^{238}U(^{26}Mg, 5n), E=4.9-6.0 MeV / nucleon]; ^{260}Rf(α), (SF) [from ^{238}U(^{26}Mg, 4n), E=4.9-6.0 MeV / nucleon]; ^{261}Rf(α), (SF) [from ^{238}U(^{26}Mg, 3n), E=4.9-6.0 MeV / nucleon]; ^{254}No(α); measured α spectra, Q-values, charged particle spectra.^{242,244,246,248,250,252,254,256,258}Fm, ^{248,250,252,254,256}No, ^{250,252,254,256}Rf, ^{252,254,256,258,260}Sg; systematics. JOUR PRVCA 77 034603
^{259}Rf	2008GA08	NUCLEAR REACTIONS ^{238}U(^{26}Mg, 3n), (^{26}Mg, 4n), (^{26}Mg, 5n), (^{26}Mg, 6n), E=4.9-6.0 MeV / nucleon; measured excitation functions, σ, half-lives, cross sections. JOUR PRVCA 77 034603
	2008GA08	RADIOACTIVITY ^{258}Rf(α) [from ^{238}U(^{26}Mg, 6n), E=4.9-6.0 MeV / nucleon]; ^{259}Rf(EC) [from ^{238}U(^{26}Mg, 5n), E=4.9-6.0 MeV / nucleon]; ^{260}Rf(α), (SF) [from ^{238}U(^{26}Mg, 4n), E=4.9-6.0 MeV / nucleon]; ^{261}Rf(α), (SF) [from ^{238}U(^{26}Mg, 3n), E=4.9-6.0 MeV / nucleon]; ^{254}No(α); measured α spectra, Q-values, charged particle spectra.^{242,244,246,248,250,252,254,256,258}Fm, ^{248,250,252,254,256}No, ^{250,252,254,256}Rf, ^{252,254,256,258,260}Sg; systematics. JOUR PRVCA 77 034603

A=260

^{260}Rf	2008GA08	NUCLEAR REACTIONS ^{238}U(^{26}Mg, 3n), (^{26}Mg, 4n), (^{26}Mg, 5n), (^{26}Mg, 6n), E=4.9-6.0 MeV / nucleon; measured excitation functions, σ, half-lives, cross sections. JOUR PRVCA 77 034603

A=260 *(continued)*

	2008GA08	RADIOACTIVITY ^{258}Rf(α) [from ^{238}U(^{26}Mg, 6n), E=4.9-6.0 MeV / nucleon]; ^{259}Rf(EC) [from ^{238}U(^{26}Mg, 5n), E=4.9-6.0 MeV / nucleon]; ^{260}Rf(α), (SF) [from ^{238}U(^{26}Mg, 4n), E=4.9-6.0 MeV / nucleon]; ^{261}Rf(α), (SF) [from ^{238}U(^{26}Mg, 3n), E=4.9-6.0 MeV / nucleon]; ^{254}No(α); measured α spectra, Q-values, charged particle spectra.^{242,244,246,248,250,252,254,256,258}Fm, ^{248,250,252,254,256}No, ^{250,252,254,256}Rf, ^{252,254,256,258,260}Sg; systematics. JOUR PRVCA 77 034603
^{260}Bh	2008NE01	NUCLEAR REACTIONS ^{209}Bi(^{52}Cr, n), E=257 MeV; measured correlated decay chain Eα, Iα, production cross section. JOUR PRLTA 100 022501

A=261

^{261}Rf	2008GA08	NUCLEAR REACTIONS ^{238}U(^{26}Mg, 3n), (^{26}Mg, 4n), (^{26}Mg, 5n), (^{26}Mg, 6n), E=4.9-6.0 MeV / nucleon; measured excitation functions, σ, half-lives, cross sections. JOUR PRVCA 77 034603
	2008GA08	RADIOACTIVITY ^{258}Rf(α) [from ^{238}U(^{26}Mg, 6n), E=4.9-6.0 MeV / nucleon]; ^{259}Rf(EC) [from ^{238}U(^{26}Mg, 5n), E=4.9-6.0 MeV / nucleon]; ^{260}Rf(α), (SF) [from ^{238}U(^{26}Mg, 4n), E=4.9-6.0 MeV / nucleon]; ^{261}Rf(α), (SF) [from ^{238}U(^{26}Mg, 3n), E=4.9-6.0 MeV / nucleon]; ^{254}No(α); measured α spectra, Q-values, charged particle spectra.^{242,244,246,248,250,252,254,256,258}Fm, ^{248,250,252,254,256}No, ^{250,252,254,256}Rf, ^{252,254,256,258,260}Sg; systematics. JOUR PRVCA 77 034603
^{261}Bh	2008NE08	NUCLEAR REACTIONS ^{208}Pb(^{55}Mn, n), (^{55}Mn, 2n), E=273, 278, 283 MeV; ^{209}Bi(^{54}Cr, n), (^{54}Cr, 2n), E=253.5-272.3 MeV; measured excitation functions, σ, half-lives. JOUR PRVCA 78 024606

A=262

^{262}Bh	2008NE08	NUCLEAR REACTIONS ^{208}Pb(^{55}Mn, n), (^{55}Mn, 2n), E=273, 278, 283 MeV; ^{209}Bi(^{54}Cr, n), (^{54}Cr, 2n), E=253.5-272.3 MeV; measured excitation functions, σ, half-lives. JOUR PRVCA 78 024606

A=263

No references found

A=264

^{264}Hs	2008HI14	NUCLEAR REACTIONS ^{232}Th(^{32}S, X)^{264}Hs, E=157.8-195.0 MeV; measured absolute σ, fission fragmentσ, $\sigma(\theta)$ and anisotropy, mass-angle and mass-ratio distributions, barrier distributions; comparison with transition state model, Coupled channel calculations. JOUR PRLTA 101 092701

A=265

No references found

A=266

No references found

A=267

No references found

A=268

No references found

A=269

^{269}Hs	2008DV02	NUCLEAR REACTIONS ^{248}Cm(^{26}Mg, xn)^{269}Hs / ^{270}Hs / ^{271}Hs, E=13-15 MeV; measured production σ. ^{271}Hs; deduced $T_{1/2}$. JOUR PRLTA 100 132503

A=270

^{270}Hs	2008DV02	NUCLEAR REACTIONS ^{248}Cm(^{26}Mg, xn)^{269}Hs / ^{270}Hs / ^{271}Hs, E=13-15 MeV; measured production σ. ^{271}Hs; deduced $T_{1/2}$. JOUR PRLTA 100 132503

A=271

^{271}Hs	2008DV02	NUCLEAR REACTIONS ^{248}Cm(^{26}Mg, xn)^{269}Hs / ^{270}Hs / ^{271}Hs, E=13-15 MeV; measured production σ. ^{271}Hs; deduced $T_{1/2}$. JOUR PRLTA 100 132503

A=272

No references found

A=273

No references found

A=274

No references found

A=275

No references found

A=276

No references found

A=277

^{277}112	2008MO09	NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(^{70}Zn, n), E not given; measured Eα, Iα, $T_{1/2}$. Confirmed existence of ^{277}112 and first observation of ^{278}113 via their α-decay daughters. JOUR NUPAB 805 172c

A=278

^{278}113	2008MO09	NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(^{70}Zn, n), E not given; measured Eα, Iα, $T_{1/2}$. Confirmed existence of ^{277}112 and first observation of ^{278}113 via their α-decay daughters. JOUR NUPAB 805 172c

A=279

^{279}Ds	2008HOZX	RADIOACTIVITY ^{283}112(α) [from ^{238}U(^{48}Ca, X)]; ^{283}112(spontaneous fission) [from ^{238}U(^{48}Ca, X)]; measured half-lives. CONF Crete(FINUSTAR 2),Proc.P69,Hofmann

A=280

No references found

A=281

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A=282

No references found

A=283

^{283}112	2008HOZX	RADIOACTIVITY ^{283}112(α) [from ^{238}U(^{48}Ca, X)]; ^{283}112(spontaneous fission) [from ^{238}U(^{48}Ca, X)]; measured half-lives. CONF Crete(FINUSTAR 2),Proc.P69,Hofmann

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