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This document lists experimental references added to Nuclear Science References (NSR) during the period July 1, 2008 to September 30, 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

A=1

^{1}n	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
	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
	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	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≈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
	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
	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
	2008KO18	NUCLEAR REACTIONS ^{1}H(p, p), E=0.353, 0.500, 0.550 GeV; measured Ep, Ip, $\sigma(\theta)$. JOUR PRLTA 101 102501
	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
	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=2

^{2}H	2007AZZZ	NUCLEAR REACTIONS ^{1}H, ^{12}C(d, p), E at 9.0 GeV / c; measured analyzing powers. REPT JINR-P1-2007-46,Azhgirey
	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=2 ***(continued)***

	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
	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

A=3

^{3}H	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
	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
^{3}He	2008BY02	NUCLEAR REACTIONS ^{2}H(d, n), E=2.3-6.2 keV; measured En, In, σ; deduced astrophysical S-factor. JOUR ZAANE 36 151

A=4

^{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
^{4}He	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
^{4}Li	2008IH01	NUCLEAR REACTIONS ^{4}He(p, n), E=346 MeV; measured σ, angular distributions, analyzing powers. Comparison with PWIA calculations. JOUR PRVCA 78 024607

A=5

No references found

A=6

^{6}He	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
^{6}Li	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

A=7

^{7}He	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
	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
^{7}Li	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
	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
	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
	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	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

A=8

^{8}He	2008RY03	ATOMIC MASSES ^{8}He; measured mass using a penning trap. JOUR PRLTA 101 012501
^{8}Li	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
^{8}Be	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
^{8}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$\approx$250 MeV / nucleon; measured Ep, Ip, proton yields, separation energy and momentum distributions. Inverse kinematics. JOUR NUPAB 805 431c

A=9

^{9}Li	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	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
	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
	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

A=9 *(continued)*

	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
^{9}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

A=10

^{10}Be	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
^{10}B	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
	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
^{10}C	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=11

^{11}Li	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

A=11 *(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
^{11}Be	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
^{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^{7}Li), E=33 MeV / nucleon; measured light fragment yields; ^{11}B; analyzed break-up parameters. REPT JINR-P7-2007-8,Artyukh
	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
^{11}C	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=12

^{12}B	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=12 *(continued)*

	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
	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
	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
	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
	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

A=13

^{13}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
	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
	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=13 *(continued)*

	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

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	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
	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
^{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

A=14 *(continued)*

^{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
	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=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$\approx$250 MeV / nucleon; measured Ep, Ip, proton yields, separation energy and momentum distributions. Inverse kinematics. JOUR NUPAB 805 431c
^{15}N	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
^{15}O	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
^{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	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
^{16}N	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
	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	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
	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
	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
	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
	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=16 *(continued)*

	2008SFZZ	RADIOACTIVITY ^{18}Ne(2p); measured Ep, Ip, (fragment)proton-coin, correlations;^{18}Ne; deduced level energies. CONF Crete(FINUSTAR 2),Proc.P208,Sfienti
	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
^{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	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
^{17}N	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
^{17}O	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
	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	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	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	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
^{18}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
^{18}Ne	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}Mg	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}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	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=20 *(continued)*

^{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
	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
^{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}F	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
^{21}Ne	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
^{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}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	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
	2008RU05	RADIOACTIVITY ^{22}Na(β^+), ^{196}Au(EC), ^{198}Au(β^-); measured half-life and its dependence on temperature. JOUR PRVCA 77 065502
^{22}Na	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

A=22 *(continued)*

2008HU08 RADIOACTIVITY ^{22}Na(β^+), ^{198}Au(β^-), ^{210}Po(α); analyzed the effect of host metals on half-lives. JOUR PRVCA 78 015803

2008RU05 RADIOACTIVITY ^{22}Na(β^+), ^{196}Au(EC), ^{198}Au(β^-); measured half-life and its dependence on temperature. JOUR PRVCA 77 065502

^{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

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=23

^{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

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

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}Al	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

A=24

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

A=25

^{25}Ne	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	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=25 *(continued)*

^{25}Mg	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

A=26

^{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
	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
^{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
	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
^{26}Si	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

A=27

^{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	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
^{27}Al	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

A=28

^{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
^{28}Al	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
	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
	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
	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
	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
	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

A=29

^{29}Al	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
	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
^{29}Si	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
	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
	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=30

^{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
^{30}Si	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=31

^{31}Si	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
	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	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

A=32

^{32}P	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
^{32}S	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

A=32 *(continued)*

^{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
^{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

A=33

^{33}S	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

^{34}Si	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
^{34}S	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}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
^{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}S	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
^{35}Cl	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

A=36

^{36}Cl	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	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

A=37

No references found

A=38

^{38}Cl	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
^{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
^{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)*

^{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}Cl	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
^{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

A=40

^{40}Cl	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	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	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)*

	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}Ar	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
	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
^{41}K	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
	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

A=42

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

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

A=44

^{44}Sc	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
^{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

A=45

^{45}Sc	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

A=46

^{46}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
^{46}Sc	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)*

^{46}Ti	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
^{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
	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=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
^{47}Sc	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=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
	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=49

No references found

A=50

^{50}V	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}Mn	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=51

^{51}Ti	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	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

A=52

No references found

A=53

^{53}Fe	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
^{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

A=53 *(continued)*

	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

A=54

^{54}Mn	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
	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
^{54}Fe	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	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
^{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
	2008RU09	RADIOACTIVITY ^{54}Ni(p); measured Eγ, Iγ from 10^+ isomer decay. ^{53}Co; deduced levels, J, π. JOUR PRVCA 78 021301

A=55

^{55}Co	2008JO04	RADIOACTIVITY ^{56}Ni(p); measured proton spectra. ^{55}Co; deduced levels, J, π. JOUR PRVCA 77 064316

A=56

^{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

A=56 *(continued)*

	2008JO04	RADIOACTIVITY ^{56}Ni(p); measured proton spectra. ^{55}Co; deduced levels, J, π. JOUR PRVCA 77 064316
	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}Fe	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}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=58

^{58}Ti	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
^{58}Co	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
^{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
	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

A=58 *(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
	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
^{58}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=59

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

A=61

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

^{62}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
^{62}Mn	2008VA08	NUCLEAR REACTIONS ^{238}U(^{70}Zn, X), E=460 MeV; measured Eγ, Iγ, γγ-coin. ^{59,60,61,62,63}Mn; deduced levels, J, π. Comparison with large scale shell model calculations. JOUR PRVCA 78 024302
^{62}Ni	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
^{62}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
^{62}Zn	2008BE21	RADIOACTIVITY ^{62}Ga(β^+) [from ^{64}Zn(p, X), E=48 MeV]; measured Eγ, Iγ, Eβ, Iβ, γγ-, βγ-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, βγ-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
^{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, γγ-, βγ-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, βγ-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=63

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

A=63 *(continued)*

^{63}Ni	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
^{63}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=64

^{64}Ni	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	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
	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
	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	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

A=64 *(continued)*

	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
^{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=65

^{65}Ni	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
^{65}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=66

^{66}Ni	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	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
	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	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

A=67

^{67}Cu	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
	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=68

^{68}Ni	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	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}Ge	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
^{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
^{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	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	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
^{69}Ga	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

A=70

^{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}Ge	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=72

^{72}Ga	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
	2008UD05	NUCLEAR REACTIONS ^{71}Ga(n, γ), E=0.0536 eV; measured Eγ, Iγ, cross section using activation technique. JOUR NUPBB 266 3341
^{72}Ge	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	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}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=73

^{73}Ga	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	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)*

^{73}As	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

A=74

^{74}Ge	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	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
^{74}Se	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}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

A=75

^{75}Ge	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
^{75}As	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=76

^{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
^{76}Ge	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
^{76}As	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
	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}Kr	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}As	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=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
^{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
^{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}Se	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
^{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

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
^{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

A=79 *(continued)*

^{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	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
^{79}Se	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
^{79}Br	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

^{80}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
^{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}Se	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}Br	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
	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}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
^{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}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
	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	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	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

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

^{81}Br	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=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	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	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	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
	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=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
^{83}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
	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}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
	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=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

A=84 *(continued)*

^{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	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
^{84}Br	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
	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

^{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
^{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

A=85 *(continued)*

^{85}Br	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	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
^{85}Rb	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

^{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	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}Rb	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
^{86}Sr	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}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

^{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
^{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}Rb	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}Sr	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=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}Rb	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	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
	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
	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=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, $\gamma\gamma$-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

A=89 *(continued)*

^{89}Y	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
^{89}Zr	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 NUPBB 266 3353

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
^{90}Y	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
	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
^{90}Zr	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
	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
	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

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≈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
^{91}Zr	2008UTZZ	NUCLEAR REACTIONS ^{91,92,94}Zr(γ, n), E ≈ 8-17 MeV; measured σ; calculated σ; deduced E1 and M1 strength functions. Compared results to data. CONF Crete(FINUSTAR 2),Proc.P173,Utsunomiya

A=92

^{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	2008LE19	RADIOACTIVITY ^{92}Sr; measured Eγ, Iγ, $T_{1/2}$. JOUR ARISE 66 1450
^{92}Zr	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
^{92}Nb	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 NUPBB 266 3353

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
	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}Ru	2008FA11	ATOMIC MASSES ^{92}Ru, ^{93}Rh; measured masses; deduced mass excesses, proton separation energies. Penning trap method. JOUR PRVCA 78 022801

A=93

^{93}Zr	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}Mo	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 NUPBB 266 3353
^{93}Rh	2008FA11	ATOMIC MASSES ^{92}Ru, ^{93}Rh; measured masses; deduced mass excesses, proton separation energies. Penning trap method. JOUR PRVCA 78 022801

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=95

^{95}Ru	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

A=96

^{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
^{96}Mo	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
	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
^{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

A=97

^{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
	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=97 *(continued)*

^{97}Mo	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}Ru	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}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
^{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
^{98}Mo	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
^{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
^{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
^{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

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
^{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
^{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
	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
^{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
^{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
^{101}Sn	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

A=102

^{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
^{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
^{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

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
	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}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
^{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
	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=103 ***(continued)***

^{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≈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
^{103}Pd	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
	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
^{103}Ag	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
	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
^{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
^{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
^{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
^{104}Ag	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
^{104}Cd	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=105

^{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
^{105}Pd	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
^{105}Ag	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=105 ***(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
^{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
^{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

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

A=106 *(continued)*

^{106}Pd	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
	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
^{106}Ag	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
	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	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
^{106}Sn	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

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}Pd	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
^{107}Ag	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

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}Pd	2008BE22	RADIOACTIVITY ^{108}Cd(2EC), ^{114}Cd(2β^-); measured $T_{1/2}$ lower limit. JOUR ZAANE 36 167
	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}Cd	2008BE22	RADIOACTIVITY ^{108}Cd(2EC), ^{114}Cd(2β^-); measured $T_{1/2}$ lower limit. JOUR ZAANE 36 167
^{108}In	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=108 *(continued)*

^{108}Sn	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

A=109

^{109}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
^{109}Pd	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
	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
^{109}Ag	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
	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}In	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

^{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}Ag	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}In	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
^{110}Sn	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=111

^{111}Pd	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
^{111}Ag	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
^{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
	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

A=112

^{112}Cd	2008BA26	RADIOACTIVITY ^{112}Sn(β^+EC), (2EC); ^{124}Sn(2β^-); measured Eγ, Iγ, $T_{1/2}$ for double-beta decay. JOUR NUPAB 807 269
^{112}In	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	2008BA26	RADIOACTIVITY ^{112}Sn(β^+EC), (2EC); ^{124}Sn(2β^-); measured Eγ, Iγ, $T_{1/2}$ for double-beta decay. JOUR NUPAB 807 269

A=113

^{113}Ag	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=113 *(continued)*

^{113}In	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
^{113}Sb	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}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

A=114

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

^{115}Ag	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}Sb	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	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=116

^{116}In	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
^{116}Sn	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
^{116}Sb	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	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

A=117

^{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
^{117}Sn	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
^{117}Sb	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=117 *(continued)*

^{117}Te	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}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

A=118

^{118}Sn	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
	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

A=119

^{119}Sn	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
^{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≈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=120

^{120}Sn	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
	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}Te	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=121

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

^{122}Cd	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
^{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≈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=123

^{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≈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

^{124}Cd	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
^{124}Sn	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

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
^{124}Te	2008BA26	RADIOACTIVITY ^{112}Sn(β^{+}EC), (2EC); ^{124}Sn(2β^{-}); measured Eγ, Iγ, $T_{1/2}$ for double-beta decay. JOUR NUPAB 807 269
^{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=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}Sn	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
^{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

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	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}Sn	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}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
^{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

A=127

^{127}Sn	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=128

^{128}Sn	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$\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
^{128}Xe	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=129

^{129}Sn	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
^{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=130

^{130}Sn	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=130 *(continued)*

^{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≈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
^{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
^{130}Ba	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=131

^{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=132

^{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
^{132}Xe	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

^{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
^{133}Xe	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
^{133}Cs	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

A=134

^{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}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=135 *(continued)*

^{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
^{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}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
^{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

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	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

A=137 *(continued)*

^{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

A=138

^{138}Xe	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=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

A=140

^{140}Xe	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}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$\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=140 *(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
^{140}Ce	2006BO41	ATOMIC MASSES ^{140}Pr, ^{140}Ce, ^{147,147m}Dy; A=144-207; reviewed Shottky and mass spectra. JOUR IMSPF 251 212
^{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
^{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=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

A=142

^{142}Xe	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
^{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}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	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=142 *(continued)*

^{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$\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=144

^{144}Xe	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

A=144 *(continued)*

^{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

A=145

^{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

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

A=146 *(continued)*

^{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}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=147

^{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}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}Dy	2006BO41	ATOMIC MASSES ^{140}Pr, ^{140}Ce, ^{147,147m}Dy; A=144-207; reviewed Shottky and mass spectra. JOUR IMSPF 251 212
^{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
^{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

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}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

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
^{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

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

A=150 *(continued)*

^{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	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
^{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

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	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

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

A=152 *(continued)*

^{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}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
^{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
^{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

A=154

^{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

A=154 ***(continued)***

^{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
^{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

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

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

A=156 ***(continued)***

^{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	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}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	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}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

A=159

^{159}Sm	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

A=160

^{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

^{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

^{160}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

^{160}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

^{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}Gd 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

A=161 ***(continued)***

^{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
^{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

A=162

^{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

A=162 ***(continued)***

^{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}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	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	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}Dy	2008HA21	RADIOACTIVITY ^{164}Ho(β^+), (β^-); measured Eγ, Iγ. ^{164}Dy, ^{164}Er; deduced levels, J, π. JOUR PRVCA 77 068801

A=164 ***(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
	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	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
^{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}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=165

^{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 NUPBB 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=166

^{166}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
^{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	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}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

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

A=167

No references found

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}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

A=168 *(continued)*

^{168}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=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

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}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

A=170 ***(continued)***

^{170}Hf	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

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	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	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=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}Yb	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

A=172 ***(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
^{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	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
	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}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}Hf	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
	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

A=174 *(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
^{174}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
^{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}Hf	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=176

^{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

A=176 ***(continued)***

^{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
	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
^{177}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

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
	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=178 *(continued)*

^{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}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

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
^{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
^{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}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

A=182

^{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}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=184

^{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}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}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}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

A=187

^{187}W	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
	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

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
^{188}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=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

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

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

A=192

^{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 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=193

^{193}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=194

^{194}Ir 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

^{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

A=194 ***(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
^{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

A=195

^{195}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

^{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
	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
	2008RU05	RADIOACTIVITY ^{22}Na(β^+), ^{196}Au(EC), ^{198}Au(β^-); measured half-life and its dependence on temperature. JOUR PRVCA 77 065502

A=196 *(continued)*

^{196}Pb	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}Po	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=197

^{197}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
^{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^{7}Li), E=33 MeV / nucleon; measured light fragment yields; ^{11}B; analyzed break-up parameters. REPT JINR-P7-2007-8,Artyukh

A=198

^{198}Au	2005LI66	RADIOACTIVITY ^{24}Na(β^-), ^{42}K(β^-), ^{198}Au(β^-); measured Eγ, Iγ, isotopic $T_{1/2}$. JOUR JRNCD 263 311
	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
	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
	2008RU05	RADIOACTIVITY ^{22}Na(β^+), ^{196}Au(EC), ^{198}Au(β^-); measured half-life and its dependence on temperature. JOUR PRVCA 77 065502

A=198 *(continued)*

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

A=199

No references found

A=200

No references found

A=201

No references found

A=202

^{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=203

^{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
^{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

A=204

^{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}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}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

A=206

^{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=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

A=207 ***(continued)***

	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
^{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

A=208

^{208}Pb	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
	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
	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
	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

A=208 *(continued)*

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

A=209

^{209}Pb 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

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

A=210

^{210}Po 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

A=212

^{212}Po 2008MI14 RADIOACTIVITY ^{212}Po(α); measured half-life in various mettalic environments. JOUR PPNLA 5 371

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

A=214

No references found

A=215

No references found

A=216

^{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

No references found

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}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}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}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

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
	2008NA13	RADIOACTIVITY ^{232}Th(α); measured Eγ, Iγ, full-energy peak efficiency;HPGe detectors, bar sources. JOUR NIMAE 592 80

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	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

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
^{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
	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
^{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

A=237

^{237}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

A=237 ***(continued)***

	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=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
^{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
	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	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

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

A=239 *(continued)*

^{239}Pu	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

A=240

^{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

A=241

No references found

A=242

^{242}Am	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
	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

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

A=244

^{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

A=245

^{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

A=246

^{246}Cm 2008VE05 RADIOACTIVITY ^{244,246,248}Cm(SF); measured ternary fission α and triton emission probabilities and energy distributions. JOUR NUPAB 806 1

A=247

No references found

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

^{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}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

A=250

^{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	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
^{250}No	2008DR05	RADIOACTIVITY ^{254,255,256,257}Rf(α); measured Eα, Iα, half-lives. JOUR PRVCA 78 024605

A=251

^{251}Fm	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	2008GA21	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, neutron yields and angular correlations. Comparisons with model calculations. JOUR BRSPE 72 773
	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=252 ***(continued)***

	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
	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
	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

A=253

^{253}No	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

A=254

^{254}No	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}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}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}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=258

No references found

A=259

No references found

A=260

No references found

A=261

^{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

No references found

A=270

No references found

A=271

No references found

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

No references found

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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