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This document lists experimental references added to Nuclear Science References (NSR) during the period January 1, 2010 to December 31, 2010. 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	2009COZW	NUCLEAR REACTIONS ^{2}H(n, np), E=16-19 MeV; measured Ep, Ip, En, In, pn-coin.; deduced $\sigma(\theta_1, \theta_2)$. Comparison with other data and Bonn-B potential calculations. REPT TUNL-XLVIII,P57,Couture
	2009ST27	NUCLEAR REACTIONS ^{1}H(polarized d, 2p), E=130 MeV; measured proton spectra, charged-particle spectra, proton(charged-particle)-coin for several polarization states; deduced tensor analyzing powers. Comparison with various models. JOUR ZAANE 42 13
	2010AB05	NUCLEAR REACTIONS C, N, O(μ, X)^{1}n / ^{6}He / ^{8}He / ^{8}Li / ^{9}Li / ^{7}Be / ^{10}Be / ^{11}Be / ^{8}B / ^{10}B / ^{12}B / ^{13}B / ^{9}C / ^{10}C / ^{11}C / ^{12}N / ^{13}N / ^{15}O, E=cosmic ray muons; measured yields of muon induced spallations produced in KamLAND scintillation detector; MUSIC, FLUKA, and GEANT4 Monte Carlo simulations. JOUR PRVCA 81 025807
	2010CO03	RADIOACTIVITY ^{1}n(β^-); measured Eγ, Ep, E(e), peγ-coin; deduced branching ratio for radiative decay (inner bremsstrahlung) of neutron in 15-340 keV photon energy range. Monte-Carlo simulations of the spectra. Comparison with theoretical predictions. JOUR PRVCA 81 035503
	2010DY01	NUCLEAR REACTIONS ^{2}H(p, 2p), E=0.5-2 GeV; measured angular distribution, acceptances, σ and $\sigma(\theta)$; deduced missing mass distributions and momentum correlations. Comparison with Migdal-Watson method, DWBA calculations, CD-Bonn NN potential, and one-pion exchange (OPE) model. JOUR PRVCA 81 044001
	2010FE08	NUCLEAR MOMENTS ^{1}n; measured En, In, neutron beam polarization; deduced polarization tensor components, neutron electric dipole moment. JOUR PYLBB 694 22
	2010LA11	NUCLEAR REACTIONS ^{2}H(^{11}B, α^{8}Be), E=27 MeV; ^{2}H(^{10}B, α^{7}Be), E=24.4 MeV; measured Eα, I$\alpha(\theta)$, E(particle), I(particle). ^{11}B(p, α), E(cm)=0-0.6 MeV; ^{10}B(p, α), E(cm)=0-0.15 MeV; deduced S-factor using Trojan Horse Method. JOUR NUPAB 834 655c
	2010LI38	NUCLEAR REACTIONS ^{2}H(^{6}He, ^{7}Li), E not given; ^{12}C(^{7}Li, ^{6}He), E=44.0 MeV; measured $\sigma(\theta)$; deduced ^{12}C(p, γ) S-factor; calculated S-factor using DWBA and asymptotic normalization coefficient. Comparison with other data. JOUR NUPAB 834 661c
	2010MA23	NUCLEAR REACTIONS ^{2}H(polarized p, 2p), E=190 MeV; measured Ep, Ip, angular correlations, analyzing powers using BINA detector; analyzed analyzing powers for competing channels with Faddeev model. Comparison of two- and three-nucleon potentials. JOUR PYLBB 687 149
	2010PI07	RADIOACTIVITY ^{1}NN(β^-); measured ultra cold neutron density; deduced neutron lifetime, $T_{1/2}$. Comparison with other experimental results. JOUR PYLBB 693 221
	2010POZZ	NUCLEAR REACTIONS ^{3}H(α, 2t), (α, t^{3}He), (α, dt), E=76.2 Mev; measured tt-, t^{3}He-, td-coin. ^{4}He; deduced levels, Γ. CONF St.-Petersburg,P137,Povoroznyk

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	2010QI02	NUCLEAR REACTIONS ^{1,2}H, ^{12}C, ^{27}Al, ^{63}Cu, ^{197}Au(e, e'π^+), E<5.8 GeV; measured yields, differential cross sections as a function of azimuthal angle, and nuclear transparencies versus Q^2. JOUR PRVCA 81 055209
	2010SA25	NUCLEAR REACTIONS ^{1}H(^{17}C, ^{17}C'), (^{19}C, ^{19}C'), E=70 MeV / nucleon; measured Ep, Ip, fragment-spectra; deduced levels, J, π, $\sigma(\theta)$; calculated levels, J, π using shell model with different forces, $\sigma(\theta)$ using DWBA with WBT shell model wave function. ^{1}H(^{14}Be, ^{14}B), E=70 MeV / nucleon; measured Eβ, Iβ, fragment-spectra; deduced low-lying levels, J, π; calculated levels, J, π using shell model, β-decay strength B(GT). Secondary radioactive beams. Inverse kinematics. JOUR NUPAB 834 404c
	2010SE06	NUCLEAR REACTIONS ^{2}H(^{17}O, α^{14}N), E=41 MeV; ^{1}H(^{17}O, α), E=41 MeV; measured reaction products; deduced neutron momentum distribution, $\sigma(\theta$, E), σ, resonances. Trojan Horse Method. JOUR NIFBA 125 457
	2010SE11	NUCLEAR REACTIONS ^{2}H(^{17}O, α^{14}N), E=41 MeV; measured σ, $\sigma(\theta)$. ^{17}O(p, α), E=0-0.7 MeV; deduced $\sigma(\theta)$. ^{18}F; deduced levels using Trojan Horse Method. JOUR NUPAB 834 676c
	2010SE13	NUCLEAR REACTIONS ^{2}H(^{17}O, α^{14}N), E=41 MeV; measured ^{14}N spectrum, $\sigma(\theta)$, momentum distribution and differential σ for resonances above the ^{18}F proton threshold. ^{18}F; deduced resonances and levels. Comparison of experimental momentum distribution with plane-wave impulse approximation (PWIA) and distorted-wave Born approximation (DWBA) calculations. ^{17}O(p, α)^{14}N; deduced reaction rates of astrophysical relevance. JOUR PRVCA 82 032801
	2010ST08	NUCLEAR REACTIONS ^{1}H(polarized d, 2p), E=130 MeV; measured proton and deuteron spectra, vector and tensor analyzing powers; deduced asymmetry distributions. Vector- and tensor-polarized deuteron beam. Comparison with coupled-channels calculations and with Chiral perturbed theory. JOUR PRVCA 82 014003
	2010WA18	NUCLEAR REACTIONS ^{2}H(^{12}C, ^{13}N), (^{16}O, ^{17}F), E not given; ^{1}H(^{13}N, ^{13}N), (^{17}F, ^{17}F), E=47.8 MeV; measured reaction products, proton spectrum; ^{14}O, ^{18}Ne; deduced resonance parameters, J, π, $\sigma(\theta)$; R-matrix analysis. JOUR NUPAB 834 100c
^{1}H	2008LAZU	NUCLEAR REACTIONS ^{2}H(n, 2n), E=5.6, 5.8, 6.3, 6.8, 9.3, 20.2, 21.2, 21.8, 22.4, 23.1, 24.6 MeV; measured En, In, p-2n-coin.; deduced σ; calculated σ. Compared to ENDF / B-VII, CENDL-2. CARMEN 4π neutron detector. CONF Nice (Nucl Data for Sci and Technol) Proc,P437
	2008MEZW	NUCLEAR REACTIONS ^{1,2}H, ^{12}C, ^{16}O(n, n), E≈95 MeV; ^{1,2}H, ^{12}C, ^{16}O(n, n'), E≈95 MeV; measured En, In(θ), Ep, Ip(θ), Ed, Id(θ); deduced dσ(E), d$\sigma(\theta)$; calculated dσ using different forces with and without 3N component. Compared to other data and calculations. CONF Nice (Nucl Data for Sci and Technol) Proc,P1039
	2008MIZJ	NUCLEAR REACTIONS ^{1}H(^{7}Be, ^{7}Be), (^{7}Be, ^{7}Be'), E=17.7, 21.7, 26.3, 20 MeV; measured Ep, Ip, E(particle), I(particle), (particle)p-coin using thick and thin targets; deduced σ, $\sigma(\theta)$. Results on CD only. CONF E.Lansing (NS2008),P143,Mitchell

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2008SAZG NUCLEAR REACTIONS ^{1}H(^{8}He, ^{8}He), E=71 MeV / nucleon; ^{1}H(^{6}He, ^{6}He), E=71 MeV / nucleon; measured E(particle), I(particle, θ) using polarized target; deduced dσ, analyzing powers, optical model parameters, proton radius; calculated dσ, analyzing powers. Results compared to p+^{6}Li reaction at 72 MeV / nucleon. REPT CNS-REP-61,P3,Sakaguchi

2008SO20 ATOMIC MASSES ^{1,2}H; measured cyclotron frequency ratios; derived masses of $^{2}H^{+}$ and proton. Penning trap mass spectrometer Smiletrap. JOUR PLRAA 78 012514

2008URZY NUCLEAR REACTIONS ^{1}H(^{12}C, ^{12}C'), E=38 MeV polarized target; measured analyzing power. Results on CD only. CONF E.Lansing (NS2008),P188,Urrego-Blanco

2008YAZP NUCLEAR REACTIONS ^{1}H(^{7}Be, ^{7}Be), E(cm)≈1.5-6.5 MeV; ^{1}H(^{7}Be, ^{7}Be'), E(cm)≈1.5-6.5 MeV; measured reaction products using thick-target method; deduced $\sigma(\theta)$, ^{8}B resonance parameters; calculated dσ(E, θ) using R-matrix. REPT CNS-REP-61,P7,Yamaguchi

2009MOZW NUCLEAR REACTIONS ^{1}H(n, n'), E=100 eV-15 keV;^{12}C(n, n'), E=64-15 keV; measured En, In, θ(n); deduced (^{12}C H_2) / ^{12}C intensity ratio. ^{1}H in the CH_2 compound; ^{12}C both as an element compound and in the form of CH_2 compound. CONF Cologne (Capture Gamma-Ray Spectroscopy) Proc,P102,Moreh

2009SUZW NUCLEAR REACTIONS ^{1}H(^{58}Ti, ^{58}Ti'), E=40 MeV / nucleon; measured A(particle), Z(particle), Eγ, Iγ, (particle)γ-coin; deduced E(2^{+}). Compared to other Ti and Cr isotopes. REPT RIKEN 2008 Annual,P8,Suzuki

2009TAZW NUCLEAR REACTIONS ^{1}H(^{32}Mg, ^{32}Mg'), E=46.5 MeV / nucleon; measured Eγ, I$\gamma(\theta)$, $\gamma\gamma$-coin; deduced σ(E, θ), transferred angular momentum; calculated σ(E, θ) using ECIS97 with KD02 potential. REPT RIKEN 2008 Annual,P6,Takeuchi

2010AO01 NUCLEAR REACTIONS ^{1}H(^{74}Ni, ^{74}Ni'), E=81 MeV / nucleon; measured Eγ, Iγ; ^{74}Ni; deduced J, π, level energy, σ, deformation length and parameter. JOUR PYLBB 692 302

2010BE29 NUCLEAR REACTIONS Fe, Bi(n, xp), (n, xd), (n, xt)^{1}H / ^{2}H / ^{3}H / ^{3}He / ^{4}He, E=175 MeV; measured reaction products; deduced $\sigma(\theta)$. Comparison with TALYS model code. JOUR RMEAE 45 1145

2010BO07 NUCLEAR REACTIONS ^{1}H(n, n), E=14.9 MeV; measured Ep, Ip, σ, $\sigma(\theta)$. Comparison with predictions of phase-shift analysis and the ENDF / B-VII.0 evaluation. JOUR PRVCA 82 014001

2010CH29 NUCLEAR REACTIONS ^{93}Nb(^{12}C, X)^{1}H / ^{4}He, E=37.5, 40, 45, 45.5 MeV; ^{89}Y(^{12}C, X), (^{16}O, X)^{1}H, E=40, 51, 54 MeV; measured proton spectra, Eα, Iα; deduced σ, σ(E), nuclear level density. JOUR PRAMC 75 115

2010CH38 NUCLEAR REACTIONS ^{1}H(^{25}Al, ^{25}Al), E≈3.4 MeV / nucleon; measured $\sigma(\theta)$. ^{1}H(^{27}Si, ^{26}Si), E=89 MeV / nucleon; measured Eγ, Iγ, E(particle), I(particle), (particle)γ-coin. ^{26}Si deduced levels, J, π, resonance parameteres using R-matrix fit. JOUR NUPAB 834 667c

A=1 ***(continued)***

2010CO03 RADIOACTIVITY ^{1}n(β^-); measured Eγ, Ep, E(e), peγ-coin; deduced branching ratio for radiative decay (inner bremsstrahlung) of neutron in 15-340 keV photon energy range. Monte-Carlo simulations of the spectra. Comparison with theoretical predictions. JOUR PRVCA 81 035503

2010EL05 NUCLEAR REACTIONS ^{1}H(^{21}N, ^{21}N'), (^{21}N, X), E=52.0 MeV; ^{208}Pb(^{21}N, ^{21}N'), (^{21}N, X), E=48.1 MeV, [secondary ^{21}N beam from ^{181}Ta(^{40}Ar, X), E=63 MeV / nucleon primary reaction]; measured particle spectra, Eγ, Iγ, $\gamma\gamma$-coin, cross sections. ^{19,21}N; deduced levels, B(E2). GEANT4 simulation of γ-ray spectra. JOUR PRVCA 82 027305

2010FA09 NUCLEAR REACTIONS ^{1}H(^{6}He, ^{6}He), E=82.3 MeV / nucleon; measured reaction products. ^{6}He; deduced $\sigma(\theta)$. Comparison with optical model CH89 or KD02 global potentials. JOUR CPLEE 27 092501

2010GO16 NUCLEAR REACTIONS ^{1}H(^{13}O, X)^{14}F, E=31 MeV / nucleon; ^{1}H(^{14}O, ^{14}O), E=154 MeV; measured reaction products, proton spectra; deduced $\sigma(\theta)$, J, π, level scheme, resonances. Comparison with shell model calculations. JOUR PYLBB 692 307

2010GU17 NUCLEAR REACTIONS ^{2}H(^{6}Li, tα), E=14, 17 MeV; measured reaction products; deduced σ for ^{6}Li(n, α) reaction. JOUR JPGPE 37 125105

2010KA24 NUCLEAR REACTIONS ^{2}H(^{11}Be, ^{12}Be), E=5 MeV / nucleon; measured Ep, Ip(θ), (particle)p-coin; deduced $\sigma(\theta)$ to isolated states, spectroscopic factor. ^{12}Be; deduced levels, J, π. ^{12}C(^{24}O, ^{23}O), E=920 MeV / nucleon; measured momentum distribution, spectroscopic factor. Comparison with systematics. Secondary radioactive beams. JOUR NUPAB 834 505c

2010MI12 NUCLEAR REACTIONS ^{1}H(^{7}Be, ^{7}Be), (^{7}Be, ^{7}Be'), E=18.5, 22.0 MeV, [secondary ^{7}Be beam from primary ^{1}H(^{7}Li, ^{7}Be) reaction]; measured recoil proton and ^{7}Be spectra, (proton)(^{7}Be)-coin, excitation functions and angular distributions. ^{8}B; deduced levels, J, π, partial proton widths and total widths. R-matrix and time-dependent continuum shell model (TDCSM) analysis. Comparison with low-lying level structure of mirror nucleus ^{8}Li. JOUR PRVCA 82 011601

2010PI07 RADIOACTIVITY ^{1}NN(β^-); measured ultra cold neutron density; deduced neutron lifetime, $T_{1/2}$. Comparison with other experimental results. JOUR PYLBB 693 221

2010POZZ NUCLEAR REACTIONS ^{3}H(α, 2t), (α, t^{3}He), (α, dt), E=76.2 Mev; measured tt-, t^{3}He-, td-coin. ^{4}He; deduced levels, Γ. CONF St.-Petersburg,P137,Povoroznyk

2010SA25 NUCLEAR REACTIONS ^{1}H(^{17}C, ^{17}C'), (^{19}C, ^{19}C'), E=70 MeV / nucleon; measured Ep, Ip, fragment-spectra; deduced levels, J, π, $\sigma(\theta)$; calculated levels, J, π using shell model with different forces, $\sigma(\theta)$ using DWBA with WBT shell model wave function. ^{1}H(^{14}Be, ^{14}B), E=70 MeV / nucleon; measured Eβ, Iβ, fragment-spectra; deduced low-lying levels, J, π; calculated levels, J, π using shell model, β-decay strength B(GT). Secondary radioactive beams. Inverse kinematics. JOUR NUPAB 834 404c

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	2010SC17	NUCLEAR REACTIONS ^{1}H(γ, π^0), (γ, $\pi^0\gamma$), E=208-820 MeV; measured particle spectra, invariant mass and missing mass spectra, σ, $\sigma(\theta)$. Comparison with data and models. Energy-tagged photon beam. JOUR ZAANE 43 269
	2010TA04	NUCLEAR REACTIONS ^{1}H(^{19}C, ^{19}C'), (^{20}C, ^{20}C'), (^{22}C, ^{22}C'), E=40 MeV / nucleon; measured reaction products; ^{19,20,22}C; deduced σ, rms matter radii, neutron halo. Secondary beams from ^{40}Ar fragmentation. JOUR PRLTA 104 062701
	2010TI06	NUCLEAR REACTIONS C(n, pX), (n, dX), (n, tX), (n, ^{3}HeX), (n, αX)^{1}H / ^{2}H / ^{3}H / ^{3}He / ^{4}He, E=96 MeV; measured neutron time of flight, reaction products; deduced $\sigma(\theta, E)$, $\sigma(E)$, σ. Comparison with GNASH and TALYS calculations. JOUR RMEAE 45 1134
	2010UE01	NUCLEAR REACTIONS ^{1}H(^{6}He, ^{6}He), E=71 MeV / nucleon; measured $\sigma(\theta)$, vector analyzing power, polarized proton solid target. Comparison with t-matrix and g-matrix microscopic folding calculations. Discussed α-core distribution in ^{6}He. JOUR PRVCA 82 021602
	2010WA18	NUCLEAR REACTIONS ^{2}H(^{12}C, ^{13}N), (^{16}O, ^{17}F), E not given; ^{1}H(^{13}N, ^{13}N), (^{17}F, ^{17}F), E=47.8 MeV; measured reaction products, proton spectrum; ^{14}O, ^{18}Ne; deduced resonance parameters, J, π, $\sigma(\theta)$; R-matrix analysis. JOUR NUPAB 834 100c

A=2

^{2}n	2010BE10	NUCLEAR REACTIONS ^{3}H(d, ^{3}He), E=36.9 MeV; measured reaction products; deduced $\sigma(\theta)$, $\sigma(\theta, E)$, inclusive spectra. JOUR BRSPE 74 453
	2010KO25	NUCLEAR REACTIONS ^{2}H(n, p), E=40-60 MeV; measured neutron TOF, En, In, proton spectra; deduced yields, neutron-neutron scattering length. JOUR PANUE 73 1302
	2010QI02	NUCLEAR REACTIONS ^{1,2}H, ^{12}C, ^{27}Al, ^{63}Cu, ^{197}Au(e, e'π^+), E<5.8 GeV; measured yields, differential cross sections as a function of azimuthal angle, and nuclear transparencies versus Q^2. JOUR PRVCA 81 055209
	2010SI08	NUCLEAR REACTIONS ^{4}He(^{6}He, 2α), (^{6}He, αt), E=25 MeV / nucleon; measured reaction products; deduced momentum correlations for quasi-free scattering, σ, cluster structures. JOUR BRSPE 74 437
	2010SI23	NUCLEAR REACTIONS ^{4}He(^{6}He, 2α), E=25 MeV / nucleon; measured Eα, Iα, $\alpha\alpha$-coin; deduced σ, $\sigma(\theta)$, neutron momentum spectrum and reaction mechanism features. Monte-Carlo simulation and PWIA of quasi-free scattering. Secondary radioactive beam. JOUR NUPAB 840 1
^{2}H	2008MEZW	NUCLEAR REACTIONS ^{1,2}H, ^{12}C, ^{16}O(n, n), E≈95 MeV; ^{1,2}H, ^{12}C, ^{16}O(n, n'), E≈95 MeV; measured En, In(θ), Ep, Ip(θ), Ed, Id(θ); deduced dσ(E), d$\sigma(\theta)$; calculated dσ using different forces with and without 3N component. Compared to other data and calculations. CONF Nice (Nucl Data for Sci and Technol) Proc,P1039

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2008SHZM NUCLEAR REACTIONS ^{3}He(p, 2p), E=392 MeV; measured Ep, Ip(θ) using polarized beam on polarized target; deduced spin correlation, analyzing power, momentum distribution of ^{3}He proton polarization. REPT CNS-REP-61,P1,Shimizu

2008SO20 ATOMIC MASSES ^{1,2}H; measured cyclotron frequency ratios; derived masses of $^{2}H^{+}$ and proton. Penning trap mass spectrometer Smiletrap. JOUR PLRAA 78 012514

2009KOZT NUCLEAR REACTIONS ^{1}H(^{18}C, ^{17}C), E=81 MeV / nucleon; ^{1}H(^{19}C, ^{18}C), E=68 MeV / nucleon; measured A(particle), Z(particle), Eγ, Iγ, (particle)γ-coin; deduced σ(E); calculated σ(E, J, π) using CDCC with shell-model spectroscopic factors with WBP interaction. REPT RIKEN 2008 Annual,P7,Kondo

2009RO29 NUCLEAR REACTIONS ^{12}C(^{8}He, ^{7}H), E=15.4 MeV / nucleon; measured Et, It, recoil spectra, (recoil)(triton)-coin; deduced correlations. ^{2}H(^{56}Ni, ^{56}Ni'), E=50 MeV / nucleon; measured recoiling Ed, Id. ^{56}Ni; deduced isoscaler giant monopole and giant quadrupole resonance parameters. ^{1}H(^{11}Li, ^{9}Li), E=33 MeV; measured Et, It, recoil spectra; deduced $\sigma(\theta)$, configurations. MAYA active target and SPIRAL radioactive beam facility at GANIL. JOUR ZAANE 42 447

2009TOZV NUCLEAR REACTIONS ^{3}He(γ, p), E=8.78-12.78 MeV; measured σ; calculated σ. Comparison with published calculations and other data. REPT TUNL-XLVIII,P85,Tornow

2010BE29 NUCLEAR REACTIONS Fe, Bi(n, xp), (n, xd), (n, xt)^{1}H / ^{2}H / ^{3}H / ^{3}He / ^{4}He, E=175 MeV; measured reaction products; deduced $\sigma(\theta)$. Comparison with TALYS model code. JOUR RMEAE 45 1145

2010CH38 NUCLEAR REACTIONS ^{1}H(^{25}Al, ^{25}Al), E$\approx$3.4 MeV / nucleon; measured $\sigma(\theta)$. ^{1}H(^{27}Si, ^{26}Si), E=89 MeV / nucleon; measured Eγ, Iγ, E(particle), I(particle), (particle)γ-coin. ^{26}Si deduced levels, J, π, resonance parameteres using R-matrix fit. JOUR NUPAB 834 667c

2010HA21 NUCLEAR REACTIONS ^{2}H(γ, 2pπ^{-}), (γ, $\pi^{+}\pi^{-}$), E=0.8-1.1 GeV; measured σ, $\Delta^{++}\Delta^{-}$ production. JOUR NUPAB 834 596c

2010IL02 NUCLEAR REACTIONS ^{2}H(γ, π^{0}), E$\approx$0.55-1.15 GeV; measured $\sigma(\theta)$; deduced resonance features. Comparison with model calculations. JOUR ZAANE 43 261

2010LA05 NUCLEAR REACTIONS ^{2}H, ^{16}O(n, n), E=ultracold; measured σ, γ-spectra, Bragg reflection spectra, low-temperature dependence on yield of ultracold neutrons. Liquid orthodeuterium and solid oxygen targets. Pulse-neutron incident beam. JOUR PRVCA 82 015502

2010LAZZ NUCLEAR REACTIONS ^{1}H(^{8}He, ^{6}He), E=15.4, 15.6 Mev / nucleon; ^{1}H(^{8}He, ^{7}He), E=15.4, 15.6 Mev / nucleon; measured reaction products; deduced dσ(e), d$\sigma(\theta)$, ^{6}He E, J, π, resonances; calculated E, J, π, d$\sigma(\theta)$ using ab-initio / realistic interactions within GFMC (Green Function Monte Carlo), NCSM (No-Core Shell Model), CC and other models. CONF Varenna (Nucl Reaction Mechanisms),Proc,Vol.2,P345

2010POZZ NUCLEAR REACTIONS ^{3}H(α, 2t), (α, t^{3}He), (α, dt), E=76.2 Mev; measured tt-, t^{3}He-, td-coin. ^{4}He; deduced levels, Γ. CONF St.-Petersburg,P137,Povoroznyk

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	2010TI06	NUCLEAR REACTIONS C(n, pX), (n, dX), (n, tX), (n, ^{3}HeX), (n, αX)^{1}H / ^{2}H / ^{3}H / ^{3}He / ^{4}He, E=96 MeV; measured neutron time of flight, reaction products; deduced $\sigma(\theta$, E), σ(E), σ. Comparison with GNASH and TALYS calculations. JOUR RMEAE 45 1134
	2010WE01	NUCLEAR REACTIONS ^{2}H(polarized n, n), E(n)=19.0 MeV; measured analyzing powers; Monte Carlo simulation. Polarized neutrons produced in ^{2}H(polarized d, n)^{3}He reaction and neutron polarization measured in ^{4}He(polarized n, n) reaction. Comparison with a three-body Faddeev calculation. JOUR PRVCA 81 024003
^{2}He	2009GAZV	NUCLEAR REACTIONS ^{3}He(γ, n), E=11.4 MeV; measured En, In(θ) using polarized γ and target; deduced asymmetry. Compared with calculations by others. REPT TUNL-XLVIII,P81,Gao
	2009PEZX	NUCLEAR REACTIONS ^{3}He(γ, n), E=12.8, 13.5, 14.7 MeV; measured En, In(θ=90^0); deduced σ(E, θ). Compared with simulations and calculations. REPT TUNL-XLVIII,P83,Perdue

A=3

^{3}H	2008OTZY	NUCLEAR REACTIONS ^{4}He(^{12}Be, ^{13}B), E=50 MeV / nucleon; measured Eγ, Iγ, E(particle), I(particle, θ); deduced d$\sigma(\theta)$, 4.83 MeV proton intruder state deformation, J, π as (1 / 2)$^+$; calculated ^{13}B spectroscopic factor with deformed mean field provided by ^{12}Be core. Results on CD only. CONF E.Lansing (NS2008),P46,Ota
	2009DEZT	NUCLEAR REACTIONS ^{6}Li(n, α), E=0.18-12 MeV; measured Eα, Iα, $\theta(\alpha)$ using LANSCE / WNR; deduced σ, dσ; calculated σ using R-matrix. Compared to data. CONF Cologne (Capture Gamma-Ray Spectroscopy) Proc,P215,Devlin
	2009RO29	NUCLEAR REACTIONS ^{12}C(^{8}He, ^{7}H), E=15.4 MeV / nucleon; measured Et, It, recoil spectra, (recoil)(triton)-coin; deduced correlations. ^{2}H(^{56}Ni, ^{56}Ni'), E=50 MeV / nucleon; measured recoiling Ed, Id. ^{56}Ni; deduced isoscaler giant monopole and giant quadrupole resonance parameters. ^{1}H(^{11}Li, ^{9}Li), E=33 MeV; measured Et, It, recoil spectra; deduced $\sigma(\theta)$, configurations. MAYA active target and SPIRAL radioactive beam facility at GANIL. JOUR ZAANE 42 447
	2009VE12	NUCLEAR REACTIONS ^{6}Li, ^{10}B(polarized n, α), E=low; measured parity-violating emission asymmetry coefficient with ultracold polarized neutrons; deduced weak neutral current constant. JOUR NUPAB 827 425c
	2009ZH42	NUCLEAR REACTIONS ^{2}H(d, γ), (d, p), E=20 keV; measured Eγ, Iγ, proton spectrum; deduced yields, branching ratio, S-factors. JOUR CPCHC 33 350
	2010BE23	NUCLEAR REACTIONS ^{2}H(^{20}O, ^{19}O), E=11 MeV / nucleon; measured Eγ, Iγ, E(particle), I(particle), (particle)γ-coin. ^{19}O deduced low-lying levels, J, π, spectroscopic factor. ^{1}H(^{14}O, ^{12}O), E=51 MeV / nucleon; measured E(particle), I(particle), excitation energy spectra, $\sigma(\theta)$; deduced levels, J, π; calculated $\sigma(\theta)$ using DWBA. MUST2, TIARA and EXOGAM detector arrays and VAMOS spectrometer. Secondary radioactive beams. JOUR NUPAB 834 446c

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	2010BE29	NUCLEAR REACTIONS Fe, Bi(n, xp), (n, xd), (n, xt)^{1}H / ^{2}H / ^{3}H / ^{3}He / ^{4}He, E=175 MeV; measured reaction products; deduced $\sigma(\theta)$. Comparison with TALYS model code. JOUR RMEAE 45 1145
	2010CA22	NUCLEAR REACTIONS ^{3}H, ^{4}He(p, p), E=1.2-3.4 MeV; measured proton spectrum; deduced scattering $\sigma(\theta)$ and its trends. JOUR NIMBE 268 3373
	2010LAZZ	NUCLEAR REACTIONS ^{1}H(^{8}He, ^{6}He), E=15.4, 15.6 Mev / nucleon; ^{1}H(^{8}He, ^{7}He), E=15.4, 15.6 Mev / nucleon; measured reaction products; deduced dσ(e), d$\sigma(\theta)$, ^{6}He E, J, π, resonances; calculated E, J, π, d$\sigma(\theta)$ using ab-initio / realistic interactions within GFMC (Green Function Monte Carlo), NCSM (No-Core Shell Model), CC and other models. CONF Varenna (Nucl Reaction Mechanisms),Proc,Vol.2,P345
	2010OT02	RADIOACTIVITY ^{3}H(β^{-}); measured Ie, Ee; deduced β-spectrum, neutrino mass. Troitsk, Mainz, KATRIN experiments. JOUR HYIND 196 3
	2010SI08	NUCLEAR REACTIONS ^{4}He(^{6}He, 2α), (^{6}He, αt), E=25 MeV / nucleon; measured reaction products; deduced momentum correlations for quasi-free scattering, σ, cluster structures. JOUR BRSPE 74 437
	2010TI06	NUCLEAR REACTIONS C(n, pX), (n, dX), (n, tX), (n, ^{3}HeX), (n, αX)^{1}H / ^{2}H / ^{3}H / ^{3}He / ^{4}He, E=96 MeV; measured neutron time of flight, reaction products; deduced $\sigma(\theta$, E), σ(E), σ. Comparison with GNASH and TALYS calculations. JOUR RMEAE 45 1134
	2010YI01	NUCLEAR REACTIONS ^{4}He(K^{-}, n), E at rest; measured En, In, (particle)(neutron)-coin; deduced upper limit for a strange tribaryon state. JOUR PYLBB 688 43
^{3}He	2010BE29	NUCLEAR REACTIONS Fe, Bi(n, xp), (n, xd), (n, xt)^{1}H / ^{2}H / ^{3}H / ^{3}He / ^{4}He, E=175 MeV; measured reaction products; deduced $\sigma(\theta)$. Comparison with TALYS model code. JOUR RMEAE 45 1145
	2010BY01	NUCLEAR REACTIONS ^{2}H(d, n), (p, γ), E=2.3-6.2, 8.3-10.1 keV; measured reaction products, Eγ, Iγ; deduced σ, S-factors. JOUR BRSPE 74 531
	2010DA18	NUCLEAR REACTIONS ^{3}He(polarized p, p), E=2-6 MeV; measured Ep, Ip, analyzing powers; deduced phase shifts, spin-correlation coefficients using polarized ^{3}He target. Comparison with theoretical calculations using realistic nucleon-nucleon potential models. JOUR PRVCA 82 034002
	2010LI19	NUCLEAR REACTIONS ^{2}H(^{7}Li, ^{6}He)n, E=46 MeV; measured reaction products; deduced $\sigma(\theta)$, proton spectroscopic factor of ^{7}Li ground state, optical potential parameters. Comparison with DWBA calculations. JOUR ZAANE 44 1
	2010OT02	RADIOACTIVITY ^{3}H(β^{-}); measured Ie, Ee; deduced β-spectrum, neutrino mass. Troitsk, Mainz, KATRIN experiments. JOUR HYIND 196 3
	2010TI06	NUCLEAR REACTIONS C(n, pX), (n, dX), (n, tX), (n, ^{3}HeX), (n, αX)^{1}H / ^{2}H / ^{3}H / ^{3}He / ^{4}He, E=96 MeV; measured neutron time of flight, reaction products; deduced $\sigma(\theta$, E), σ(E), σ. Comparison with GNASH and TALYS calculations. JOUR RMEAE 45 1134

A=4

^{4}H	2010BE13	NUCLEAR REACTIONS ^{3}H(d, p), E=36.9 MeV; measured proton spectrum; deduced $\sigma(\theta)$, $\sigma(\theta, E)$. JOUR BRSPE 74 761
^{4}He	2008DEZ0	NUCLEAR REACTIONS ^{6}Li(n, t), E=0.2-10 MeV; measured Eα, I$\alpha(\theta)$, Et, It(θ); deduced dσ(E, θ), d$\sigma(\theta)$; calculated dσ(E, θ), d$\sigma(\theta)$ using R-matrix. Compared also to other data. CONF Nice (Nucl Data for Sci and Technol) Proc,P1243
	2009JO08	NUCLEAR REACTIONS ^{4}He(^{14}C, ^{14}C), E=25 MeV; measured σ(E, θ). ^{18}O; deduced levels, widths, J, π using R-matrix analysis. JOUR ZAANE 42 135
	2009ZH42	NUCLEAR REACTIONS ^{2}H(d, γ), (d, p), E=20 keV; measured Eγ, Iγ, proton spectrum; deduced yields, branching ratio, S-factors. JOUR CPCHC 33 350
	2010BE29	NUCLEAR REACTIONS Fe, Bi(n, xp), (n, xd), (n, xt)^{1}H / ^{2}H / ^{3}H / ^{3}He / ^{4}He, E=175 MeV; measured reaction products; deduced $\sigma(\theta)$. Comparison with TALYS model code. JOUR RMEAE 45 1145
	2010CA22	NUCLEAR REACTIONS ^{3}H, ^{4}He(p, p), E=1.2-3.4 MeV; measured proton spectrum; deduced scattering $\sigma(\theta)$ and its trends. JOUR NIMBE 268 3373
	2010CH29	NUCLEAR REACTIONS ^{93}Nb(^{12}C, X)^{1}H / ^{4}He, E=37.5, 40, 45, 45.5 MeV; ^{89}Y(^{12}C, X), (^{16}O, X)^{1}H, E=40, 51, 54 MeV; measured proton spectra, Eα, Iα; deduced σ, σ(E), nuclear level density. JOUR PRAMC 75 115
	2010LI29	NUCLEAR REACTIONS ^{1}H(^{7}Li, α), E=0.34-1.05 MeV; measured Eα, Iα, thick target yields; deduced target properties, electron screening, enhancement factors. Comparison with other data and calculations. ^{1}H(^{7}Li, α), E=4.3 MeV; measured Ep, Ip; deduced target ^{1}H concentration and associated properties. Elastic recoil detection analysis. Comparison with SIMNRA calculations. JOUR ZAANE 44 71
	2010MU04	NUCLEAR REACTIONS ^{159}Tb(^{10}B, X), (^{11}B, X)^{4}He, E=38-72 MeV; ^{159}Tb(^{6}Li, X), (^{7}Li, X)^{4}He, E=28-43 MeV; measured reaction products, evaporation residue Eγ, Iγ; deduced fusion σ, $\sigma(\theta)$, α-yields. Comparison with CDCC calculations. JOUR PRAMC 75 99
	2010POZZ	NUCLEAR REACTIONS ^{3}H(α, 2t), (α, t^{3}He), (α, dt), E=76.2 Mev; measured tt-, t^{3}He-, td-coin. ^{4}He; deduced levels, Γ. CONF St.-Petersburg,P137,Povoroznyk
	2010SE04	NUCLEAR REACTIONS C(d, d), ^{3}He(d, p), E=14.8 MeV; measured deuteron polarization; deduced acquired tensor polarization for deuteron beam. JOUR PRLTA 104 222501
	2010TI06	NUCLEAR REACTIONS C(n, pX), (n, dX), (n, tX), (n, ^{3}HeX), (n, αX)^{1}H / ^{2}H / ^{3}H / ^{3}He / ^{4}He, E=96 MeV; measured neutron time of flight, reaction products; deduced $\sigma(\theta, E)$, σ(E), σ. Comparison with GNASH and TALYS calculations. JOUR RMEAE 45 1134

A=5

^{5}He	2009AG13	NUCLEAR REACTIONS ^{6,7}Li, ^{9}Be, ^{12,13}C, ^{16}O(K^{-}, π^{-}), E at rest; measured negative pion spectra, proton spectra, p(pion)-coin from decaying hypernucleus. ^{5}He, ^{7}Li, ^{9}Be, ^{11}B, ^{12,13}C, ^{15}N, ^{16}O; deduced decay rates, widths and decay ratio for these hypernuclei. Comparison with other data. JOUR NUPAB 827 303c
	2010LE14	NUCLEAR REACTIONS ^{1}H(^{8}Li, α), E=13.2, 14.5, 17.4, 19.0 MeV; measured Eα, Iα(θ=forward); deduced σ(θ=forward), effect of halo nuclei. ^{9}Be(^{6}He, ^{6}He), E=16.2 MeV; measured σ(θ); deduced effect of halo nuclei. JOUR NUPAB 834 491c

A=6

^{6}He	2008WUZY	NUCLEAR REACTIONS ^{7,8}Li(d, ^{3}He), E not given; ^{7}Li(d, t), E not given; ^{2}H(^{12}B, p), E not given; measured E(particle), I(particle, θ); deduced dσ(θ), spectroscopic factors; calculated dσ(θ), spectroscopic factors. Results on CD only. CONF E.Lansing (NS2008),P57,Wuosmaa
	2009FO09	NUCLEAR REACTIONS ^{3}H(^{6}He, p), (^{8}He, p), E=25, 27.4 MeV / nucleon; ^{6,8}He; measured reaction products; deduced missing mass spectra, resonance J, π, energy, yields. Comparison with other results. JOUR ZAANE 42 465
	2009LI51	NUCLEAR REACTIONS ^{9}Be(^{26}Mg, X), E=68.8 MeV; measured isotopic yields. ^{6}He, ^{7,8,9}Li, ^{9,10,11,12}Be, ^{12,13,14,15,17}B, ^{15,16,17,18,19}C, ^{19,20,21}N, ^{22,23}O; measured yields. JOUR PRVCA 80 054315
	2009RA33	RADIOACTIVITY ^{6}He(β^{-}) [from ^{7}Li(p, 2p), E=30 MeV]; measured β- and, α+d spectra, half-life, and transition probability as function of the center-of-mass energy for the α+d branch of the decay of ^{6}He; deduced α+d branching ratio. ^{6}He ions of 7.9 MeV implanted in highly segmented silicon detector. JOUR PRVCA 80 054307
	2010AB05	NUCLEAR REACTIONS C, N, O(μ, X)^{1}n / ^{6}He / ^{8}He / ^{8}Li / ^{9}Li / ^{7}Be / ^{10}Be / ^{11}Be / ^{8}B / ^{10}B / ^{12}B / ^{13}B / ^{9}C / ^{10}C / ^{11}C / ^{12}N / ^{13}N / ^{15}O, E=cosmic ray muons; measured yields of muon induced spallations produced in KamLAND scintillation detector; MUSIC, FLUKA, and GEANT4 Monte Carlo simulations. JOUR PRVCA 81 025807
	2010FA09	NUCLEAR REACTIONS ^{1}H(^{6}He, ^{6}He), E=82.3 MeV / nucleon; measured reaction products. ^{6}He; deduced σ(θ). Comparison with optical model CH89 or KD02 global potentials. JOUR CPLEE 27 092501
^{6}Li	2008WUZY	NUCLEAR REACTIONS ^{7,8}Li(d, ^{3}He), E not given; ^{7}Li(d, t), E not given; ^{2}H(^{12}B, p), E not given; measured E(particle), I(particle, θ); deduced dσ(θ), spectroscopic factors; calculated dσ(θ), spectroscopic factors. Results on CD only. CONF E.Lansing (NS2008),P57,Wuosmaa
	2009AG13	NUCLEAR REACTIONS ^{6,7}Li, ^{9}Be, ^{12,13}C, ^{16}O(K^{-}, π^{-}), E at rest; measured negative pion spectra, proton spectra, p(pion)-coin from decaying hypernucleus. ^{5}He, ^{7}Li, ^{9}Be, ^{11}B, ^{12,13}C, ^{15}N, ^{16}O; deduced decay rates, widths and decay ratio for these hypernuclei. Comparison with other data. JOUR NUPAB 827 303c

A=6 *(continued)*

	2009RA33	RADIOACTIVITY ^{6}He(β^-) [from ^{7}Li(p, 2p), E=30 MeV]; measured β- and, α+d spectra, half-life, and transition probability as function of the center-of-mass energy for the α+d branch of the decay of ^{6}He; deduced α+d branching ratio. ^{6}He ions of 7.9 MeV implanted in highly segmented silicon detector. JOUR PRVCA 80 054307
	2009URZY	RADIOACTIVITY ^{10}B(p), (α)[from ^{11}B(^{3}He, α)]; measured Ep, Ip, Eα, Iα dependent on ^{10}B excitation energy. CONF Dub(Nucl Struct and Dynamics,09) Proc,P31
	2010AG04	NUCLEAR REACTIONS ^{6,7}Li, ^{9}Be, ^{12,13}C, ^{16}O(K$^-$, π^-), E at rest; measured Ep, Ip from decaying hypernucleus; analyzed reaction mechanism features, final state interactions and decay width ratios. JOUR PYLBB 685 247
	2010BU03	NUCLEAR REACTIONS ^{6}Li(d, d), (d, d'), E=25 MeV; measured Ed, Id of scattered deuterons; deduced $\sigma(\theta)$, J, π of excited states. Optical model, coupled-reaction-channel methods. JOUR PANUE 73 746
	2010BU04	RADIOACTIVITY ^{7}Li, ^{9}Be, ^{11}B, ^{15}N(pπ^-); measured hypernuclei mesonic weak decay π^- spectra; deduced branching ratios, J, π. JOUR IMPEE 19 1109
	2010LI37	NUCLEAR REACTIONS ^{7}Li(^{6}Li, ^{7}Li), E=tandem; measured E(particle), I(particle, θ); deduced spectroscopic factor, σ. ^{6}Li(n, γ), E=0.01-0.1 MeV; deduced σ. Comparison with other data and systems, calculations. JOUR NUPAB 834 651c
	2010SU08	NUCLEAR REACTIONS ^{7}Li(^{6}Li, ^{7}Li), (^{6}Li, ^{6}Li), E=23.7 MeV; measured reaction products; deduced $\sigma(\theta)$, spectroscopic factors. JOUR CPLEE 27 052101
^{6}Be	2010CH42	RADIOACTIVITY ^{8}C(2p); measured Ep, Ip, Eα, Iα, α-p-p-p-p coin, α-p-p coin from the decay of ^{8}C g.s. JOUR PRVCA 82 041304
	2010PA11	NUCLEAR REACTIONS ^{6}Li(^{3}He, t)^{6}Be, E=50 MeV; measured particle spectra, (particle)(particle)-coin, angular distributions; deduced particle-particle correlations and Dalitz plots for the α-p-p breakup particles from ^{6}Be. Comparison with sequential and 3-body resonance calculations. JOUR PRVCA 81 054308

A=7

^{7}H	2010NI10	NUCLEAR REACTIONS ^{2}H(^{8}He, ^{3}He)^{7}H, E=42 MeV / nucleon; ^{2}H(^{12}Be, ^{3}He)^{11}Li, E=71 MeV / nucleon; measured ^{3}He spectra; deduced missing-mass spectra of ^{7}H. Search for ^{7}H. Comparison with DWBA calculations. JOUR PRVCA 81 064606
^{7}He	2008WUZY	NUCLEAR REACTIONS ^{7,8}Li(d, ^{3}He), E not given; ^{7}Li(d, t), E not given; ^{2}H(^{12}B, p), E not given; measured E(particle), I(particle, θ); deduced d$\sigma(\theta)$, spectroscopic factors; calculated d$\sigma(\theta)$, spectroscopic factors. Results on CD only. CONF E.Lansing (NS2008),P57,Wuosmaa
^{7}Li	2008YAZQ	NUCLEAR REACTIONS ^{4}He(^{7}Li, α), E=13.7 MeV; ^{4}He(^{7}Li, p), E=13.7 MeV; ^{4}He(^{7}Li, t), E=13.7 MeV; measured thick target Eγ, Iγ, Eα, Iα. REPT CNS-REP-61,P5,Yamaguchi

A=7 *(continued)*

	2009AG13	NUCLEAR REACTIONS ^{6,7}Li, ^{9}Be, ^{12,13}C, ^{16}O(K^-, π^-), E at rest; measured negative pion spectra, proton spectra, p(pion)-coin from decaying hypernucleus. ^{5}He, ^{7}Li, ^{9}Be, ^{11}B, ^{12,13}C, ^{15}N, ^{16}O; deduced decay rates, widths and decay ratio for these hypernuclei. Comparison with other data. JOUR NUPAB 827 303c
	2009LI51	NUCLEAR REACTIONS ^{9}Be(^{26}Mg, X), E=68.8 MeV; measured isotopic yields. ^{6}He, ^{7,8,9}Li, ^{9,10,11,12}Be, ^{12,13,14,15,17}B, ^{15,16,17,18,19}C, ^{19,20,21}N, ^{22,23}O; measured yields. JOUR PRVCA 80 054315
	2009VE12	NUCLEAR REACTIONS ^{6}Li, ^{10}B(polarized n, α), E=low; measured parity-violating emission asymmetry coefficient with ultracold polarized neutrons; deduced weak neutral current constant. JOUR NUPAB 827 425c
	2010AG04	NUCLEAR REACTIONS ^{6,7}Li, ^{9}Be, ^{12,13}C, ^{16}O(K^-, π^-), E at rest; measured Ep, Ip from decaying hypernucleus; analyzed reaction mechanism features, final state interactions and decay width ratios. JOUR PYLBB 685 247
	2010BU04	RADIOACTIVITY ^{7}Li, ^{9}Be, ^{11}B, ^{15}N($p\pi^-$); measured hypernuclei mesonic weak decay π^- spectra; deduced branching ratios, J, π. JOUR IMPEE 19 1109
	2010LI01	RADIOACTIVITY ^{7}Be(EC); measured Eγ, Iγ; deduced decay constant, $T_{1/2}$ variation in Pt and Al foils. Comparison with TB-LMTO calculations. JOUR CPLEE 27 012301
	2010LI37	NUCLEAR REACTIONS ^{7}Li(^{6}Li, ^{7}Li), E=tandem; measured E(particle), I(particle, θ); deduced spectroscopic factor, σ. ^{6}Li(n, γ), E=0.01-0.1 MeV; deduced σ. Comparison with other data and systems, calculations. JOUR NUPAB 834 651c
	2010SU08	NUCLEAR REACTIONS ^{7}Li(^{6}Li, ^{7}Li), (^{6}Li, ^{6}Li), E=23.7 MeV; measured reaction products; deduced $\sigma(\theta)$, spectroscopic factors. JOUR CPLEE 27 052101
	2010SU08	NUCLEAR REACTIONS ^{6}Li(p, γ), (n, γ), E(cm)<1.2 MeV; calculated astrophysical reaction rates, S-factors. DWBA analysis. JOUR CPLEE 27 052101
	2010VE04	NUCLEAR REACTIONS ^{9}Be(^{7}Li, X), E=15.75, 24, 30 MeV; ^{9}Be(^{7}Be, X), E=17, 19, 21 MeV; ^{9}Be(^{7}Be, ^{6}Li), E=19, 21 MeV; measured reaction products; ^{7,9}Be, ^{7}Li; deduced $\sigma(\theta)$, α-energy spectra, energy dependence of the fusion σ. Comparison with FRDWBA calculations. JOUR ZAANE 44 385
^{7}Be	2009BA59	NUCLEAR REACTIONS ^{1}H(^{7}Be, γ), (^{17}F, γ), (^{24}Mg, γ), E=12 MeV;^{7}Be, ^{17}F, ^{24}Mg; measured reaction products; deduced yields, σ for (p, γ) reactions. JOUR ZAANE 42 457
	2010AB05	NUCLEAR REACTIONS C, N, O(μ, X)^{1}n / ^{6}He / ^{8}He / ^{8}Li / ^{9}Li / ^{7}Be / ^{10}Be / ^{11}Be / ^{8}B / ^{10}B / ^{12}B / ^{13}B / ^{9}C / ^{10}C / ^{11}C / ^{12}N / ^{13}N / ^{15}O, E=cosmic ray muons; measured yields of muon induced spallations produced in KamLAND scintillation detector; MUSIC, FLUKA, and GEANT4 Monte Carlo simulations. JOUR PRVCA 81 025807

A=7 *(continued)*

	2010LA11	NUCLEAR REACTIONS ^{2}H(^{11}B, α^{8}Be), E=27 MeV; ^{2}H(^{10}B, α^{7}Be), E=24.4 MeV; measured Eα, I$\alpha(\theta)$, E(particle), I(particle). ^{11}B(p, α), E(cm)=0-0.6 MeV; ^{10}B(p, α), E(cm)=0-0.15 MeV; deduced S-factor using Trojan Horse Method. JOUR NUPAB 834 655c
	2010LI01	RADIOACTIVITY ^{7}Be(EC); measured Eγ, Iγ; deduced decay constant, $T_{1/2}$ variation in Pt and Al foils. Comparison with TB-LMTO calculations. JOUR CPLEE 27 012301
	2010SU08	NUCLEAR REACTIONS ^{6}Li(p, γ), (n, γ), E(cm)<1.2 MeV; calculated astrophysical reaction rates, S-factors. DWBA analysis. JOUR CPLEE 27 052101
	2010VE04	NUCLEAR REACTIONS ^{9}Be(^{7}Li, X), E=15.75, 24, 30 MeV; ^{9}Be(^{7}Be, X), E=17, 19, 21 MeV; ^{9}Be(^{7}Be, ^{6}Li), E=19, 21 MeV; measured reaction products; ^{7,9}Be, ^{7}Li; deduced $\sigma(\theta)$, α-energy spectra, energy dependence of the fusion σ. Comparison with FRDWBA calculations. JOUR ZAANE 44 385

A=8

^{8}He	2009FO09	NUCLEAR REACTIONS ^{3}H(^{6}He, p), (^{8}He, p), E=25, 27.4 MeV / nucleon; ^{6,8}He; measured reaction products; deduced missing mass spectra, resonance J, π, energy, yields. Comparison with other results. JOUR ZAANE 42 465
	2010AB05	NUCLEAR REACTIONS C, N, O(μ, X)^{1}n / ^{6}He / ^{8}He / ^{8}Li / ^{9}Li / ^{7}Be / ^{10}Be / ^{11}Be / ^{8}B / ^{10}B / ^{12}B / ^{13}B / ^{9}C / ^{10}C / ^{11}C / ^{12}N / ^{13}N / ^{15}O, E=cosmic ray muons; measured yields of muon induced spallations produced in KamLAND scintillation detector; MUSIC, FLUKA, and GEANT4 Monte Carlo simulations. JOUR PRVCA 81 025807
	2010LE19	RADIOACTIVITY ^{8}He(β^{-})[from ^{65}Cu(^{8}He, ^{8}He), E=19.9, 30.6 MeV]; measured Eγ. JOUR PRVCA 82 044617
	2010MI01	RADIOACTIVITY ^{8}He(β^{-}) [from C(^{11}B, X)^{8}He, E=33 MeV / nucleon];measured recoils, β-delayed decays, Eα, Iα, It, Et, In, En; deduced feasibility of β-decay studies of ^{8}He. JOUR APOBB 41 449
^{8}Li	2009KAZR	RADIOACTIVITY ^{8}Li[polarized]; measured I$\beta(\theta)$; deduced polarization, asymmetry R-coefficient. REPT RIKEN 2008 Annual,P25,Kawamura
	2009LI51	NUCLEAR REACTIONS ^{9}Be(^{26}Mg, X), E=68.8 MeV; measured isotopic yields. ^{6}He, ^{7,8,9}Li, ^{9,10,11,12}Be, ^{12,13,14,15,17}B, ^{15,16,17,18,19}C, ^{19,20,21}N, ^{22,23}O; measured yields. JOUR PRVCA 80 054315
	2009RU13	NUCLEAR REACTIONS ^{7}Li(^{18}O, ^{17}O), E=114 MeV; measured particle spectra, $\sigma(\theta)$; deduced reaction mechanism features and Woods-Saxon potential parameters using coupled-reaction-channels analysis. JOUR NUPAB 831 139

A=8 *(continued)*

	2010AB05	NUCLEAR REACTIONS C, N, O(μ, X)^{1}n / ^{6}He / ^{8}He / ^{8}Li / ^{9}Li / ^{7}Be / ^{10}Be / ^{11}Be / ^{8}B / ^{10}B / ^{12}B / ^{13}B / ^{9}C / ^{10}C / ^{11}C / ^{12}N / ^{13}N / ^{15}O, E=cosmic ray muons; measured yields of muon induced spallations produced in KamLAND scintillation detector; MUSIC, FLUKA, and GEANT4 Monte Carlo simulations. JOUR PRVCA 81 025807
	2010FL01	RADIOACTIVITY ^{8}Li(β^-)[from ^{7}Li(d, p), E=1.98 MeV]; measured Eβ, Iβ, half-life. Comparison with previous measurements. JOUR PRVCA 82 027309
	2010LE19	RADIOACTIVITY ^{8}He(β^-)[from ^{65}Cu(^{8}He, ^{8}He), E=19.9, 30.6 MeV]; measured Eγ. JOUR PRVCA 82 044617
	2010MI01	RADIOACTIVITY ^{8}He(β^-) [from C(^{11}B, X)^{8}He, E=33 MeV / nucleon];measured recoils, β-delayed decays, Eα, Iα, It, Et, In, En; deduced feasibility of β-decay studies of ^{8}He. JOUR APOBB 41 449
^{8}Be	2008MUZW	NUCLEAR REACTIONS ^{9}Be(n, 2n), E≈14 MeV; measured En, In(θ), n-n-coin., deduced dσ(θ). CONF Nice (Nucl Data for Sci and Technol) Proc,P999
	2008YAZQ	NUCLEAR REACTIONS ^{4}He(^{7}Li, α), E=13.7 MeV; ^{4}He(^{7}Li, p), E=13.7 MeV; ^{4}He(^{7}Li, t), E=13.7 MeV; measured thick target Eγ, Iγ, Eα, Iα. REPT CNS-REP-61,P5,Yamaguchi
	2009ARZY	NUCLEAR REACTIONS ^{9}Be(γ, n), E=threshold-5.2 MeV; measured Eγ, Iγ; deduced σ. REPT TUNL-XLVIII,P101,Arnold
	2009SEZX	NUCLEAR REACTIONS ^{11}B(p, α), E=150=400 keV; measured Eα, Iα(θ). REPT TUNL-XLVIII,P69,Seo
	2010BU04	RADIOACTIVITY ^{7}Li, ^{9}Be, ^{11}B, ^{15}N(pπ^-); measured hypernuclei mesonic weak decay π^- spectra; deduced branching ratios, J, π. JOUR IMPEE 19 1109
	2010BU05	NUCLEAR REACTIONS ^{9}Be(e, e'), E=73 MeV; measured electron spectra, σ, σ(θ); deduced parameters of the first 1 / 2+ resonance, widths, B(E1). R-matrix analysis. ^{9}Be(γ, n), E=1.6-2.0 MeV; deduced averaged σ. Deduced reaction rates for ^{4}He(nα, γ)^{9}Be at temperatures T_9=0.001 to 0.03. Comparison with shell-model calculations. Discussed implications for possible production of ^{12C} in neutron-rich astrophysical scenarios. JOUR PRVCA 82 015808
	2010COZY	NUCLEAR REACTIONS ^{12}C(p, pα), E=100 MeV; measured Ep, Ip(θ), Eα, Iα(θ); deduced dσ(θ, Ep), pair momentum distributions, analyzing power; calculated dσ using DWIA, analyzing power. CONF Varenna (Nucl Reaction Mechanisms),Proc,Vol.2,P317
	2010FL01	RADIOACTIVITY ^{8}Li(β^-)[from ^{7}Li(d, p), E=1.98 MeV]; measured Eβ, Iβ, half-life. Comparison with previous measurements. JOUR PRVCA 82 027309
	2010KO33	NUCLEAR REACTIONS ^{11}B(p, α), (p, p), E=2.2-4.2 MeV; measured proton spectrum, Eα, Ia; deduced yields, σ(θ). Ion Beam Analysis (IBA) techniques. JOUR NIMBE 268 3539
	2010LA11	NUCLEAR REACTIONS ^{2}H(^{11}B, α^{8}Be), E=27 MeV; ^{2}H(^{10}B, α^{7}Be), E=24.4 MeV; measured Eα, Iα(θ), E(particle), I(particle). ^{11}B(p, α), E(cm)=0-0.6 MeV; ^{10}B(p, α), E(cm)=0-0.15 MeV; deduced S-factor using Trojan Horse Method. JOUR NUPAB 834 655c

A=8 *(continued)*

	2010RO09	NUCLEAR REACTIONS ^{7}Li(^{7}Li, t), (^{7}Li, α), (^{7}Li, ^{6}He), E=2-16 MeV; measured reaction products, Et, It, Eα, Iα; deduced yields, σ, $\sigma(\theta)$. Comparison with DWBA analysis. JOUR APOBB 41 845
^{8}B	2009BA59	NUCLEAR REACTIONS ^{1}H(^{7}Be, γ), (^{17}F, γ), (^{24}Mg, γ), E=12 MeV;^{7}Be, ^{17}F, ^{24}Mg; measured reaction products; deduced yields, σ for (p, γ) reactions. JOUR ZAANE 42 457
	2010AB05	NUCLEAR REACTIONS C, N, O(μ, X)^{1}n / ^{6}He / ^{8}He / ^{8}Li / ^{9}Li / ^{7}Be / ^{10}Be / ^{11}Be / ^{8}B / ^{10}B / ^{12}B / ^{13}B / ^{9}C / ^{10}C / ^{11}C / ^{12}N / ^{13}N / ^{15}O, E=cosmic ray muons; measured yields of muon induced spallations produced in KamLAND scintillation detector; MUSIC, FLUKA, and GEANT4 Monte Carlo simulations. JOUR PRVCA 81 025807
	2010MI12	NUCLEAR REACTIONS ^{1}H(^{7}Be, ^{7}Be), (^{7}Be, ^{7}Be'), E=18.5, 22.0 MeV, [secondary ^{7}Be beam from primary ^{1}H(^{7}Li, ^{7}Be) reaction]; measured recoil proton and ^{7}Be spectra, (proton)(^{7}Be)-coin, excitation functions and angular distributions. ^{8}B; deduced levels, J, π, partial proton widths and total widths. R-matrix and time-dependent continuum shell model (TDCSM) analysis. Comparison with low-lying level structure of mirror nucleus ^{8}Li. JOUR PRVCA 82 011601
^{8}C	2010CH42	RADIOACTIVITY ^{8}C(2p); measured Ep, Ip, Eα, Iα, α-p-p-p-p coin, α-p-p coin from the decay of ^{8}C g.s. JOUR PRVCA 82 041304

A=9

^{9}He	2010JO06	NUCLEAR REACTIONS ^{1}H(^{11}Li, 2p), (^{11}Li, n2p), E=280 MeV / nucleon; measured fragment spectra, neutron spectra, (fragment)(neutron)-coin, relative energy spectra; deduced resonance state parameters. JOUR NUPAB 842 15
^{9}Li	2008RIZX	RADIOACTIVITY ^{9}Li, ^{17}N, ^{87}Br, ^{88}Br(β^{-})[from Pb, ^{209}Bi, Fe(p, x), E=1 GeV]; measured β-delayed neutron decay. CONF Nice (Nucl Data for Sci and Technol) Proc,P1073
	2009LI51	NUCLEAR REACTIONS ^{9}Be(^{26}Mg, X), E=68.8 MeV; measured isotopic yields. ^{6}He, ^{7,8,9}Li, ^{9,10,11,12}Be, ^{12,13,14,15,17}B, ^{15,16,17,18,19}C, ^{19,20,21}N, ^{22,23}O; measured yields. JOUR PRVCA 80 054315
	2009MIZU	NUCLEAR REACTIONS ^{9}Be(^{58}Ni, ^{58}Cu), E=95 MeV / nucleon; measured E(^{58}Cu), Iβ(t); deduced $T_{1/2}$. REPT RIKEN 2008 Annual,P24,Mihara
	2010AB05	NUCLEAR REACTIONS C, N, O(μ, X)^{1}n / ^{6}He / ^{8}He / ^{8}Li / ^{9}Li / ^{7}Be / ^{10}Be / ^{11}Be / ^{8}B / ^{10}B / ^{12}B / ^{13}B / ^{9}C / ^{10}C / ^{11}C / ^{12}N / ^{13}N / ^{15}O, E=cosmic ray muons; measured yields of muon induced spallations produced in KamLAND scintillation detector; MUSIC, FLUKA, and GEANT4 Monte Carlo simulations. JOUR PRVCA 81 025807
^{9}Be	2008AZZZ	NUCLEAR REACTIONS ^{9}Be(^{42}Si, ^{42}Si'), E not given; measured Eγ, Iγ, reaction products; ^{42}Si; deduced level energies, J, π. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P39,Azaiez

A=9 ***(continued)***

2008RIZX RADIOACTIVITY ^{9}Li, ^{17}N, ^{87}Br, ^{88}Br(β^-)[from Pb, ^{209}Bi, Fe(p, x), E=1 GeV]; measured β-delayed neutron decay. CONF Nice (Nucl Data for Sci and Technol) Proc,P1073

2009AG13 NUCLEAR REACTIONS ^{6,7}Li, ^{9}Be, ^{12,13}C, ^{16}O(K^-, π^-), E at rest; measured negative pion spectra, proton spectra, p(pion)-coin from decaying hypernucleus. ^{5}He, ^{7}Li, ^{9}Be, ^{11}B, ^{12,13}C, ^{15}N, ^{16}O; deduced decay rates, widths and decay ratio for these hypernuclei. Comparison with other data. JOUR NUPAB 827 303c

2009BUZY NUCLEAR REACTIONS ^{9}Be(e, e'), E=73 MeV; measured Ee, Ie, θ(e); deduced σ, $\sigma(^{9}\text{Be}(\gamma, \text{n}))$, resonance parameters. CONF Cologne (Capture Gamma-Ray Spectroscopy) Proc,P283,Burda

2009LI51 NUCLEAR REACTIONS ^{9}Be(^{26}Mg, X), E=68.8 MeV; measured isotopic yields. ^{6}He, ^{7,8,9}Li, ^{9,10,11,12}Be, ^{12,13,14,15,17}B, ^{15,16,17,18,19}C, ^{19,20,21}N, ^{22,23}O; measured yields. JOUR PRVCA 80 054315

2009ON02 NUCLEAR REACTIONS ^{9}Be(^{16}C, ^{16}C'), (^{18}C, ^{18}C'), E=72.79 MeV / nucleon; ^{16,18}C; measured measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives using the upgraded recoil shadow method; deduced mean lifetime, B(E2), hinderance of transition strength, proton-shell closure. ^{22}Ne secondary beams. JOUR ZAANE 42 393

2009URZY RADIOACTIVITY ^{10}B(p), (α)[from ^{11}B(^{3}He, α)]; measured Ep, Ip, Eα, Iα dependent on ^{10}B excitation energy. CONF Dub(Nucl Struct and Dynamics,09) Proc,P31

2010AG04 NUCLEAR REACTIONS ^{6,7}Li, ^{9}Be, ^{12,13}C, ^{16}O(K^-, π^-), E at rest; measured Ep, Ip from decaying hypernucleus; analyzed reaction mechanism features, final state interactions and decay width ratios. JOUR PYLBB 685 247

2010BU04 RADIOACTIVITY ^{7}Li, ^{9}Be, ^{11}B, ^{15}N(pπ^-); measured hypernuclei mesonic weak decay π^- spectra; deduced branching ratios, J, π. JOUR IMPEE 19 1109

2010BU05 NUCLEAR REACTIONS ^{9}Be(e, e'), E=73 MeV; measured electron spectra, σ, $\sigma(\theta)$; deduced parameters of the first 1 / 2+ resonance, widths, B(E1). R-matrix analysis. ^{9}Be(γ, n), E=1.6-2.0 MeV; deduced averaged σ. Deduced reaction rates for ^{4}He(nα, γ)^{9}Be at temperatures T_9=0.001 to 0.03. Comparison with shell-model calculations. Discussed implications for possible production of ^{12}C in neutron-rich astrophysical scenarios. JOUR PRVCA 82 015808

2010CH18 ATOMIC MASSES ^{9,10}Be; measured ion beam intensities; deduced ^{10}Be / ^{9}Be isotope ratio. JOUR NIMBE 268 192

A=9 *(continued)*

2010GA06 NUCLEAR REACTIONS ^{9}Be(^{62}Fe, ^{62}Fe'), E=73.0 MeV / nucleon [^{62}Fe secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon], ^{9}Be(^{64}Fe, ^{64}Fe'), E=67.5 MeV / nucleon [^{64}Fe secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon], ^{9}Be(^{66}Fe, ^{66}Fe'), E=82.6 MeV / nucleon [^{66}Fe secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon], ^{9}Be(^{60}Cr, ^{60}Cr'), E=80.6 MeV / nucleon [^{60}Cr secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon], ^{9}Be(^{62}Cr, ^{62}Cr'), E=74.6 MeV / nucleon [^{62}Cr secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon], ^{9}Be(^{64}Cr, ^{64}Cr'), E=87.0 MeV / nucleon [^{64}Cr secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon]; measured Eγ, Iγ, (particle)γ-coin, σ. ^{62,64,66}Fe, ^{60,62,64}Cr; deduced levels, J, π. Comparison with large-scale shell-model calculations in different model spaces. ^{9}Be(^{76}Ge, X)^{62}Fe / ^{64}Fe / ^{66}Fe / ^{60}Cr / ^{62}Cr / ^{64}Cr / ^{65}Mn / ^{66}Mn / ^{67}Fe / ^{69}Co, E=130 MeV / nucleon; measured yields of secondary ion beams. JOUR PRVCA 81 051304

2010GA14 NUCLEAR REACTIONS ^{197}Au(^{82}Ge, ^{82}Ge'), E=89.4 MeV / nucleon; ^{197}Au(^{84}Se, ^{84}Se'), E=95.4 MeV / nucleon; ^{9}Be(^{82}Ge, ^{82}Ge'), E=87.6 MeV / nucleon; ^{9}Be(^{84}Se, ^{84}Se'), E=92 MeV / nucleon, [^{82}Ge and ^{84}Se secondary beams from ^{9}Be(^{86}Kr, X), E=140 MeV / nucleon]; measured Eγ, Iγ, σ, (particle)γ-coin; ^{82}Ge, ^{84}Se; deduced levels, J, B(E2), $T_{1/2}$. Intermediate energy Coulomb excitation and inelastic scattering. Comparison with systematics of B(E2) values for first 2+ state in N=50 isotones for Z(even)=30-42 and even-even Ge (A=64-82) and Se (A=68-84) isotopes, and with shell-model calculations. Systematics of first 3- states in even-even Se (A=74-82) and N=50 isotones. JOUR PRVCA 81 064326

2010GL01 NUCLEAR REACTIONS ^{9}Be(^{16}O, ^{16}O'), E=132 MeV; measured reaction products; deduced $\sigma(\theta)$, rainbow scattering. JOUR PANUE 73 14

2010KO19 ATOMIC MASSES ^{9,10}Be; measured ion beam intensities; deduced ^{10}Be / ^{9}Be isotopic ratio. Heavy-Ion Elastic Recoil Detection (HI-ERD). JOUR NIMBE 268 187

2010LE14 NUCLEAR REACTIONS ^{1}H(^{8}Li, α), E=13.2, 14.5, 17.4, 19.0 MeV; measured Eα, I$\alpha(\theta$=forward); deduced $\sigma(\theta$=forward), effect of halo nuclei. ^{9}Be(^{6}He, ^{6}He), E=16.2 MeV; measured $\sigma(\theta)$; deduced effect of halo nuclei. JOUR NUPAB 834 491c

2010MA29 NUCLEAR REACTIONS ^{9}Be(^{6}He, ^{6}He), (^{6}He, α), E=16.8 MeV; measured reaction products; deduced $\sigma(\theta)$, total energy, ^{11}Be excitation energy spectrum. Comparison with continuum-discretised coupled-channel method (CDCC) calculations. JOUR ZAANE 43 153

2010MU09 NUCLEAR REACTIONS ^{9}Be, ^{51}V(^{8}Li, ^{8}Li), (^{8}Li, X), E=18.5, 19.6 MeV; measured σ, $\sigma(\theta)$; calculated $\sigma(\theta)$ using Sao Paulo potential and WS form factors; deduced optical model parameters. Comparison with other reactions. Secondary radioactive beam. JOUR ZAANE 45 23

A=9 *(continued)*

	2010PIZY	NUCLEAR REACTIONS ^{9}Be(^{6}He, ^{6}He), E=16.2 MeV; ^{9}Be(^{7}Be, ^{7}Be), E=23.7 MeV; measured reaction products; deduced d$\sigma(\theta)$; calculated d$\sigma(\theta)$ using FRESCO optical model code and using CC; deduced potential parameters. CDCC calculations in progress. CONF Varenna (Nucl Reaction Mechanisms),Proc,Vol.2,P337
	2010RO14	NUCLEAR REACTIONS ^{9}Be(^{24}Ne, n^{23}Ne), (^{25}Ne, n^{24}Ne), (^{26}Ne, n^{25}Ne), (^{27}Ne, n^{26}Ne), (^{28}Ne, n^{27}Ne), E=high [from ^{9}Be(^{40}Ar, X), E=700 MeV / nucleon]; measured σ, momentum distributions; deduced configurations, neutron separation energy, related features. Secondary radioactive beam at FRS. JOUR PYLBB 687 26
	2010VE04	NUCLEAR REACTIONS ^{9}Be(^{7}Li, X), E=15.75, 24, 30 MeV; ^{9}Be(^{7}Be, X), E=17, 19, 21 MeV; ^{9}Be(^{7}Be, ^{6}Li), E=19, 21 MeV; measured reaction products; ^{7,9}Be, ^{7}Li; deduced $\sigma(\theta)$, α-energy spectra, energy dependence of the fusion σ. Comparison with FRDWBA calculations. JOUR ZAANE 44 385
^{9}B	2008FEZY	NUCLEAR REACTIONS ^{9}Be(p, n), E=17.4; measured thick target En, In; Si(n, x), E not given; Si(γ, x), E=1173, 1332 keV; Si(n, x), E=reactor spectrum; measured common emitter gain; deduced NIEL-scaling factor for Si. CONF Nice (Nucl Data for Sci and Technol) Proc,P1295
	2009SCZX	NUCLEAR REACTIONS ^{9}Be(^{3}He, t), E* ≈0-17 MeV; measured E(particle), I(particle) at 0 degrees; deduced GT strengths. CONF Cologne (Capture Gamma-Ray Spectroscopy) Proc,P544,Scholl
	2009UE01	NUCLEAR REACTIONS ^{10}B(e, e'n), E=200 MeV; measured neutron spectra, σ, and $\sigma(\theta)$; deduced levels, J, π, missing energy spectrum, giant resonances. Comparison with results from (γ, n) reactions and shell model calculations. JOUR PRVCA 80 064609
	2010FUZZ	NUCLEAR REACTIONS ^{9}Be, ^{23}Na, ^{25}Mg, ^{42}Ca, ^{46}Ti, ^{50}Cr, ^{54}Fe, ^{58}Ni, ^{118}Sn(^{3}He, t), E=140 MeV / nucleon; measured Eγ, Iγ, reaction products; deduced dσ(E); GT strength. CONF Varenna (Nucl Reaction Mechanisms),Proc,Vol.1,P39
^{9}C	2010AB05	NUCLEAR REACTIONS C, N, O(μ, X)^{1}n / ^{6}He / ^{8}He / ^{8}Li / ^{9}Li / ^{7}Be / ^{10}Be / ^{11}Be / ^{8}B / ^{10}B / ^{12}B / ^{13}B / ^{9}C / ^{10}C / ^{11}C / ^{12}N / ^{13}N / ^{15}O, E=cosmic ray muons; measured yields of muon induced spallations produced in KamLAND scintillation detector; MUSIC, FLUKA, and GEANT4 Monte Carlo simulations. JOUR PRVCA 81 025807

A=10

^{10}He	2009FO09	NUCLEAR REACTIONS ^{3}H(^{6}He, p), (^{8}He, p), E=25, 27.4 MeV / nucleon; ^{6,8}He; measured reaction products; deduced missing mass spectra, resonance J, π, energy, yields. Comparison with other results. JOUR ZAANE 42 465
	2010JO06	NUCLEAR REACTIONS ^{1}H(^{11}Li, 2p), (^{11}Li, n2p), E=280 MeV / nucleon; measured fragment spectra, neutron spectra, (fragment)(neutron)-coin, relative energy spectra; deduced resonance state parameters. JOUR NUPAB 842 15

A=10 *(continued)*

^{10}Be	2008GEZW	NUCLEAR REACTIONS ^{9}Be(^{56}Ti, ^{55}Ti), E≈400 MeV / nucleon; ^{9}Be(^{48}Ca, ^{47}Ca), E≈400 MeV / nucleon; measured Eγ, Iγ(θ), γγ-coin, A(particle), Q(particle), (particle)γ-coin; deduced E, J, π, σ; calculated knockout dσ(E) using OXBASH code with GXPF1A interaction. Results on CD only. CONF E.Lansing (NS2008),P36,Gernhauser
	2008MCZX	NUCLEAR REACTIONS ^{7}Li(^{7}Li, α), E=10 MeV; measured Eγ, Iγ(θ, t), E(recoil), (recoil)γ-coin; deduced $T_{1/2}$, B(E2), quadrupole moment. Results on CD only. CONF E.Lansing (NS2008),P55,McCutchan
	2008YAZQ	NUCLEAR REACTIONS ^{4}He(^{7}Li, α), E=13.7 MeV; ^{4}He(^{7}Li, p), E=13.7 MeV; ^{4}He(^{7}Li, t), E=13.7 MeV; measured thick target Eγ, Iγ, Eα, Iα. REPT CNS-REP-61,P5,Yamaguchi
	2009LI51	NUCLEAR REACTIONS ^{9}Be(^{26}Mg, X), E=68.8 MeV; measured isotopic yields. ^{6}He, ^{7,8,9}Li, ^{9,10,11,12}Be, ^{12,13,14,15,17}B, ^{15,16,17,18,19}C, ^{19,20,21}N, ^{22,23}O; measured yields. JOUR PRVCA 80 054315
	2009SUZV	NUCLEAR REACTIONS ^{9}Be(^{18}C, ^{17}C), E not given; measured A(particle), Z(particle), E(particle, θ), Eγ, Iγ(t), (particle)γ-coin; deduced $T_{1/2}$, B(M1). REPT RIKEN 2008 Annual,P10,Suzuki
	2010AB05	NUCLEAR REACTIONS C, N, O(μ, X)^{1}n / ^{6}He / ^{8}He / ^{8}Li / ^{9}Li / ^{7}Be / ^{10}Be / ^{11}Be / ^{8}B / ^{10}B / ^{12}B / ^{13}B / ^{9}C / ^{10}C / ^{11}C / ^{12}N / ^{13}N / ^{15}O, E=cosmic ray muons; measured yields of muon induced spallations produced in KamLAND scintillation detector; MUSIC, FLUKA, and GEANT4 Monte Carlo simulations. JOUR PRVCA 81 025807
	2010AM02	NUCLEAR REACTIONS ^{1}H(^{11}Be, d), ^{2}H(^{10}Be, p), (^{12}B, d), E=40 MeV / nucleon; measured reaction products; deduced new kinematics technique. JOUR IMPEE 19 1096
	2010CH18	RADIOACTIVITY ^{10}Be(β^-); measured electron spectrum; deduced ^{10}Be activity, $T_{1/2}$. JOUR NIMBE 268 192
	2010CH18	ATOMIC MASSES ^{9,10}Be; measured ion beam intensities; deduced ^{10}Be / ^{9}Be isotope ratio. JOUR NIMBE 268 192
	2010CH42	NUCLEAR REACTIONS ^{9}Be(^{9}C, ^{8}B), [^{9}C beam from ^{9}Be(^{16}O, X) fragmentation], E=70 MeV / nucleon; measured Ep, Ip, ^{6}Li-p-p correlated events from an excited state (IAS of ^{8}C g.s.) in ^{8}B by analyzing complete kinematics of 2p+^{6}Li decay products; deduced 2p decay (isospin-allowed 2p decay between isobaric analog states). ^{9}Be(^{9}C, ^{8}C), [^{9}C beam from ^{9}Be(^{16}O, X) fragmentation], E=70 MeV / nucleon; measured Ep, Ip, ^{6}Be-p-p and α-p-p-p-p correlated events from ^{8}C g.s. by analyzing complete kinematics of 2p+^{6}Be and α+2p+2p events. JOUR PRVCA 82 041304
	2010CO10	NUCLEAR REACTIONS ^{9}Be(^{24}Ne, ^{23}Ne), (^{25}Ne, ^{24}Ne), (^{26}Ne, ^{25}Ne), (^{27}Ne, ^{26}Ne), (^{28}Ne, ^{27}Ne), E=high [from ^{9}Be(^{40}Ar, X), E=700 MeV / nucleon]; measured momentum distributions. Comparison with calculations. JOUR NUPAB 834 485c
	2010KO19	RADIOACTIVITY ^{10}Be(β^-); measured electron spectrum; deduced ^{10}Be activity, $T_{1/2}$. Liquid scintillation counting (LSC). JOUR NIMBE 268 187
	2010KO19	ATOMIC MASSES ^{9,10}Be; measured ion beam intensities; deduced ^{10}Be / ^{9}Be isotopic ratio. Heavy-Ion Elastic Recoil Detection (HI-ERD). JOUR NIMBE 268 187

A=10 *(continued)*

	2010RE05	NUCLEAR REACTIONS ^{9}Be(^{26}Si, ^{25}Si), E=109 MeV / nucleon; ^{9}Be(^{30}S, ^{29}S), E=103 MeV / nucleon, [secondary beams of ^{26}Si and ^{30}S from primary ^{9}Be(^{36}Ar, X), E=150 MeV / nucleon]; measured Eγ, Iγ, (particle)γ-coin, σ using SeGA array. ^{25}Si, ^{29}S; deduced levels, J, π. Comparisons with previous experimental data, mirror nuclei ^{25}Na and ^{29}Al, and shell model calculations. JOUR PRVCA 81 067303
	2010RO09	NUCLEAR REACTIONS ^{7}Li(^{7}Li, t), (^{7}Li, α), (^{7}Li, ^{6}He), E=2-16 MeV; measured reaction products, Et, It, Eα, Iα; deduced yields, σ, $\sigma(\theta)$. Comparison with DWBA analysis. JOUR APOBB 41 845
^{10}B	2008RIZV	NUCLEAR REACTIONS ^{9}Be(^{44}S, ^{43}P), E$\approx$92 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin; deduced E, J, π, spectroscopic factor, momentum distribution of knocked-out proton, σ. Results on CD only. CONF E.Lansing (NS2008),P12,Riley
	2009URZY	NUCLEAR REACTIONS ^{11}B(^{3}He, α), E=15 MeV; measured Eα, Iα(θ=67^{0}), E(^{10}B), I(^{10}B, θ=30^{0}). CONF Dub(Nucl Struct and Dynamics,09) Proc,P31
	2009URZY	RADIOACTIVITY ^{10}B(p), (α)[from ^{11}B(^{3}He, α)]; measured Ep, Ip, Eα, Iα dependent on ^{10}B excitation energy. CONF Dub(Nucl Struct and Dynamics,09) Proc,P31
	2010AB05	NUCLEAR REACTIONS C, N, O(μ, X)^{1}n / ^{6}He / ^{8}He / ^{8}Li / ^{9}Li / ^{7}Be / ^{10}Be / ^{11}Be / ^{8}B / ^{10}B / ^{12}B / ^{13}B / ^{9}C / ^{10}C / ^{11}C / ^{12}N / ^{13}N / ^{15}O, E=cosmic ray muons; measured yields of muon induced spallations produced in KamLAND scintillation detector; MUSIC, FLUKA, and GEANT4 Monte Carlo simulations. JOUR PRVCA 81 025807
	2010BU04	RADIOACTIVITY ^{7}Li, ^{9}Be, ^{11}B, ^{15}N(pπ^{-}); measured hypernuclei mesonic weak decay π^{-} spectra; deduced branching ratios, J, π. JOUR IMPEE 19 1109
	2010CH18	RADIOACTIVITY ^{10}Be(β^{-}); measured electron spectrum; deduced ^{10}Be activity, $T_{1/2}$. JOUR NIMBE 268 192
	2010CH18	ATOMIC MASSES ^{9,10}Be; measured ion beam intensities; deduced ^{10}Be / ^{9}Be isotope ratio. JOUR NIMBE 268 192
	2010CH42	NUCLEAR REACTIONS ^{9}Be(^{9}C, ^{8}B), [^{9}C beam from ^{9}Be(^{16}O, X) fragmentation], E=70 MeV / nucleon; measured Ep, Ip, ^{6}Li-p-p correlated events from an excited state (IAS of ^{8}C g.s.) in ^{8}B by analyzing complete kinematics of 2p+^{6}Li decay products; deduced 2p decay (isospin-allowed 2p decay between isobaric analog states). ^{9}Be(^{9}C, ^{8}C), [^{9}C beam from ^{9}Be(^{16}O, X) fragmentation], E=70 MeV / nucleon; measured Ep, Ip, ^{6}Be-p-p and α-p-p-p-p correlated events from ^{8}C g.s. by analyzing complete kinematics of 2p+^{6}Be and α+2p+2p events. JOUR PRVCA 82 041304
	2010KO19	RADIOACTIVITY ^{10}Be(β^{-}); measured electron spectrum; deduced ^{10}Be activity, $T_{1/2}$. Liquid scintillation counting (LSC). JOUR NIMBE 268 187
	2010KO19	ATOMIC MASSES ^{9,10}Be; measured ion beam intensities; deduced ^{10}Be / ^{9}Be isotopic ratio. Heavy-Ion Elastic Recoil Detection (HI-ERD). JOUR NIMBE 268 187

A=10 *(continued)*

	2010MC01	NUCLEAR REACTIONS ^{9}Be(^{54}Ti, ^{53}Sc), E=72 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin using SeGA array, σ, and parallel momentum distributions in one-proton knockout reaction. ^{53}Sc; deduced levels, J, π and configurations. Comparison with shell model calculations. JOUR PRVCA 81 024301
	2010VE04	NUCLEAR REACTIONS ^{9}Be(^{7}Li, X), E=15.75, 24, 30 MeV; ^{9}Be(^{7}Be, X), E=17, 19, 21 MeV; ^{9}Be(^{7}Be, ^{6}Li), E=19, 21 MeV; measured reaction products; ^{7,9}Be, ^{7}Li; deduced $\sigma(\theta)$, α-energy spectra, energy dependence of the fusion σ. Comparison with FRDWBA calculations. JOUR ZAANE 44 385
^{10}C	2010AB05	NUCLEAR REACTIONS C, N, O(μ, X)^{1}n / ^{6}He / ^{8}He / ^{8}Li / ^{9}Li / ^{7}Be / ^{10}Be / ^{11}Be / ^{8}B / ^{10}B / ^{12}B / ^{13}B / ^{9}C / ^{10}C / ^{11}C / ^{12}N / ^{13}N / ^{15}O, E=cosmic ray muons; measured yields of muon induced spallations produced in KamLAND scintillation detector; MUSIC, FLUKA, and GEANT4 Monte Carlo simulations. JOUR PRVCA 81 025807

A=11

^{11}Li	2009MA72	RADIOACTIVITY ^{11}Li(β^-) [from Ta(p, X), E=1.4 GeV]; measured decay products; deduced β-delayed ^{8}Li + t branch of the ^{11}Li decay, branching ratio. Comparison with Monte-Carlo calculations. JOUR ZAANE 42 415
	2010GU04	NUCLEAR REACTIONS ^{14}C(π^-, pd), (π^-, 2p), E=264 Mev / nucleon; measured reaction products; ^{11,12}Li; deduced resonance parameters, missing mass spectra. JOUR BRSPE 74 433
	2010NI10	NUCLEAR REACTIONS ^{2}H(^{8}He, ^{3}He)^{7}H, E=42 MeV / nucleon; ^{2}H(^{12}Be, ^{3}He)^{11}Li, E=71 MeV / nucleon; measured ^{3}He spectra; deduced missing-mass spectra of ^{7}H. Search for ^{7}H. Comparison with DWBA calculations. JOUR PRVCA 81 064606
^{11}Be	2009FRZV	NUCLEAR REACTIONS ^{12}C(p, p'), E=66 MeV; measured Ep, Ip(θ); deduced σ(E, θ). ^{9}Be(^{16}O, ^{14}O), E=234 MeV; measured E(particle), I(particle, θ); deduced σ(E), neutron decay widths. CONF Dub(Nucl Struct and Dynamics,09) Proc,P13
	2009LI51	NUCLEAR REACTIONS ^{9}Be(^{26}Mg, X), E=68.8 MeV; measured isotopic yields. ^{6}He, ^{7,8,9}Li, ^{9,10,11,12}Be, ^{12,13,14,15,17}B, ^{15,16,17,18,19}C, ^{19,20,21}N, ^{22,23}O; measured yields. JOUR PRVCA 80 054315
	2009MA72	RADIOACTIVITY ^{11}Li(β^-) [from Ta(p, X), E=1.4 GeV]; measured decay products; deduced β-delayed ^{8}Li + t branch of the ^{11}Li decay, branching ratio. Comparison with Monte-Carlo calculations. JOUR ZAANE 42 415
	2010AB05	NUCLEAR REACTIONS C, N, O(μ, X)^{1}n / ^{6}He / ^{8}He / ^{8}Li / ^{9}Li / ^{7}Be / ^{10}Be / ^{11}Be / ^{8}B / ^{10}B / ^{12}B / ^{13}B / ^{9}C / ^{10}C / ^{11}C / ^{12}N / ^{13}N / ^{15}O, E=cosmic ray muons; measured yields of muon induced spallations produced in KamLAND scintillation detector; MUSIC, FLUKA, and GEANT4 Monte Carlo simulations. JOUR PRVCA 81 025807

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

	2010AM02	NUCLEAR REACTIONS ^{1}H(^{11}Be, d), ^{2}H(^{10}Be, p), (^{12}B, d), E=40 MeV / nucleon; measured reaction products; deduced new kinematics technique. JOUR IMPEE 19 1096
	2010FR03	NUCLEAR REACTIONS ^{12}C(p, p'), E=66 MeV; measured Ep, Ip(θ=10≈, 16≈, 28≈). ^{9}Be(^{16}O, ^{14}O), E=234 MeV; measured E(particle), I(particle). ^{11}Be; deduced levels, J, π. ^{11}Be, ^{12}C calculated levels, J, π, rotational and vibrational bands assuming 2α+3n for ^{11}Be and 3α for ^{12}C. JOUR NUPAB 834 621c
	2010GL02	NUCLEAR REACTIONS ^{12}C, ^{16}O(γ, π^{+}p), E<450 MeV; measured pion and proton spectra; deduced differential yield, number of isobars per nucleon. JOUR BRSPE 74 747
	2010MA29	NUCLEAR REACTIONS ^{9}Be(^{6}He, ^{6}He), (^{6}He, α), E=16.8 MeV; measured reaction products; deduced $\sigma(\theta)$, total energy, ^{11}Be excitation energy spectrum. Comparison with continuum-discretised coupled-channel method (CDCC) calculations. JOUR ZAANE 43 153
^{11}B	2009AG13	NUCLEAR REACTIONS ^{6,7}Li, ^{9}Be, ^{12,13}C, ^{16}O(K^{-}, π^{-}), E at rest; measured negative pion spectra, proton spectra, p(pion)-coin from decaying hypernucleus. ^{5}He, ^{7}Li, ^{9}Be, ^{11}B, ^{12,13}C, ^{15}N, ^{16}O; deduced decay rates, widths and decay ratio for these hypernuclei. Comparison with other data. JOUR NUPAB 827 303c
	2009FRZW	NUCLEAR REACTIONS ^{11}B(α, α), E=1.5-8 MeV; measured Eα, I$\alpha(\theta)$. ^{11}B(α, p), E=4-7 MeV; measured Ep, Ip(θ). Results to be analyzed. REPT TUNL-XLVIII,P65,France
	2009RUZY	NUCLEAR REACTIONS ^{11}B(γ, γ'), E not given; measured Eγ, I$\gamma(\theta)$ using polarized γ; deduced mixing ratio, asymmetry, analyzing powers; calculated asymmetry, mixing ratio. REPT TUNL-XLVIII,P87,Rusev
	2009TA34	NUCLEAR REACTIONS ^{12}C(e, e'p), E=197.5 MeV; measured Ep, Ip, σ, $\sigma(\theta)$, and reduced cross sections. Comparison with relativistic distorted-wave impulse approximation calculations and the ^{12}C(γ, p) reaction. JOUR PRVCA 80 064601
	2010BE08	RADIOACTIVITY ^{12}C(β^{+}), (β^{-}), (n), (p), (IT); measured γ, particle spectra, limits of half-lives for Pauli-forbidden transitions using Borexino detector. Comparison with previous measurements. Test of Pauli exclusion principle for nucleons in ^{12}C through search for γ, neutron, proton, β^{-} or β^{+} emission in Pauli-forbidden transition from $1p_{3/2}$-shell nucleons to the filled $1s_{1/2}$ shell in nuclei. JOUR PRVCA 81 034317
	2010BU04	RADIOACTIVITY ^{7}Li, ^{9}Be, ^{11}B, ^{15}N(pπ^{-}); measured hypernuclei mesonic weak decay π^{-} spectra; deduced branching ratios, J, π. JOUR IMPEE 19 1109
	2010GA05	NUCLEAR REACTIONS ^{13}C(d, $\alpha\gamma$), E=15.3 MeV; measured reaction products, Eγ, Iγ; deduced s(θ), $\sigma(\theta$, E), deuteron cluster pickup, quadrupole deformation parameter. JOUR BRSPE 74 447
	2010KAZZ	NUCLEAR REACTIONS ^{11}B, ^{13}C(α, α'), E=388 MeV; measured Eα, I$\alpha(\theta)$; deduced d$\sigma(\theta)$ to individual states, B(E0); calculated d$\sigma(\theta)$ using DWBA with parameters from elastic scattering on ^{12}C. CONF Varenna (Nucl Reaction Mechanisms),Proc,Vol.1,P95

A=11 *(continued)*

	2010KO33	NUCLEAR REACTIONS ^{11}B(p, α), (p, p), E=2.2-4.2 MeV; measured proton spectrum, Eα, Ia; deduced yields, $\sigma(\theta)$. Ion Beam Analysis (IBA) techniques. JOUR NIMBE 268 3539
	2010LA07	NUCLEAR REACTIONS ^{4}He(^{8}Li, n)^{11}B, E=2-4 MeV; measured reaction products, time, En, In; deduced σ. JOUR JPGPE 37 105105
	2010RO09	NUCLEAR REACTIONS ^{7}Li(^{7}Li, t), (^{7}Li, α), (^{7}Li, ^{6}He), E=2-16 MeV; measured reaction products, Et, It, Eα, Iα; deduced yields, σ, $\sigma(\theta)$. Comparison with DWBA analysis. JOUR APOBB 41 845
^{11}C	2008FAZT	NUCLEAR REACTIONS ^{9}Be, ^{12}C(^{32}Mg, ^{30}Ne), E=87.6, 91.6 MeV / nucleon; measured Eγ, Iγ; deduced ^{30}Ne, ^{32}Mg, ^{34}Si E, J, π, σ; calculated E, J, π, σ. Experiment about 50% of theoretical results; deduced details on occupied proton orbitals. Results on CD only. CONF E.Lansing (NS2008),P45,Fallon
	2010AB05	NUCLEAR REACTIONS C, N, O(μ, X)^{1}n / ^{6}He / ^{8}He / ^{8}Li / ^{9}Li / ^{7}Be / ^{10}Be / ^{11}Be / ^{8}B / ^{10}B / ^{12}B / ^{13}B / ^{9}C / ^{10}C / ^{11}C / ^{12}N / ^{13}N / ^{15}O, E=cosmic ray muons; measured yields of muon induced spallations produced in KamLAND scintillation detector; MUSIC, FLUKA, and GEANT4 Monte Carlo simulations. JOUR PRVCA 81 025807
	2010BE08	RADIOACTIVITY ^{12}C(β^+), (β^-), (n), (p), (IT); measured γ, particle spectra, limits of half-lives for Pauli-forbidden transitions using Borexino detector. Comparison with previous measurements. Test of Pauli exclusion principle for nucleons in ^{12}C through search for γ, neutron, proton, β^- or β^+ emission in Pauli-forbidden transition from $1p_{3/2}$-shell nucleons to the filled $1s_{1/2}$ shell in nuclei. JOUR PRVCA 81 034317
	2010FA04	NUCLEAR REACTIONS ^{9}Be(^{32}Mg, ^{30}Ne), E=86.7, 99.7 MeV / nucleon; measured Eγ, Iγ, and σ using SeGA array. ^{32}Mg beam from ^{9}Be(^{48}Ca, X), E=140 MeV / nucleon. ^{30}Ne; deduced levels, J, π, intruder configuration. ^{29,31}F; discussed implications for binding energies. ^{32}Mg; deduced configuration. Comparison with large-scale shell model calculations. JOUR PRVCA 81 041302

A=12

^{12}Li	2010GU04	NUCLEAR REACTIONS ^{14}C(π^-, pd), (π^-, 2p), E=264 Mev / nucleon; measured reaction products; ^{11,12}Li; deduced resonance parameters, missing mass spectra. JOUR BRSPE 74 433
	2010HA04	NUCLEAR REACTIONS Be(^{14}B, 2p), E=53.4 MeV / nucleon; measured neutron and ^{11}Li spectra from decay of ^{12}Li, and (^{11}Li)n-coin using Modular Neutron Array (MONA). ^{12}Li; deduced levels, J, π. Comparisons with shell model calculations using WBP interaction. JOUR PRVCA 81 021302
^{12}Be	2008PIZU	NUCLEAR REACTIONS ^{9}Be(^{58}Ni, ^{55}Ni), E=160 MeV / nucleon; measured ^{55}Ni polarization; deduced magnetic moment. Results on CD only. CONF E.Lansing (NS2008),P161,Pinter

A=12 ***(continued)***

	2009LI51	NUCLEAR REACTIONS ^{9}Be(^{26}Mg, X), E=68.8 MeV; measured isotopic yields. ^{6}He, ^{7,8,9}Li, ^{9,10,11,12}Be, ^{12,13,14,15,17}B, ^{15,16,17,18,19}C, ^{19,20,21}N, ^{22,23}O; measured yields. JOUR PRVCA 80 054315
	2010ET01	ATOMIC MASSES ^{12}Be; measured mass excess using Penning trap mass spectrometer TITAN at TRIUMF. Comparison with previous measurements and evaluations. Analyzed IMME for the lowest lying isospin T=2 multiplet in the A=12 system. JOUR PRVCA 81 024314
	2010KA03	NUCLEAR REACTIONS ^{2}H(^{11}Be, p), E=5 MeV / nucleon; measured proton spectra, recoiling and product nucleus spectra, p(nucleus)-coin; deduced $\sigma(\theta)$, Q-value spectra, peak widths. ^{12}Be; deduced energy levels, J, π, spectroscopic factors using DWBA analysis. JOUR PYLBB 682 391
	2010KA24	NUCLEAR REACTIONS ^{2}H(^{11}Be, ^{12}Be), E=5 MeV / nucleon; measured Ep, Ip(θ), (particle)p-coin; deduced $\sigma(\theta)$ to isolated states, spectroscopic factor. ^{12}Be; deduced levels, J, π. ^{12}C(^{24}O, ^{23}O), E=920 MeV / nucleon; measured momentum distribution, spectroscopic factor. Comparison with systematics. Secondary radioactive beams. JOUR NUPAB 834 505c
^{12}B	2009LI51	NUCLEAR REACTIONS ^{9}Be(^{26}Mg, X), E=68.8 MeV; measured isotopic yields. ^{6}He, ^{7,8,9}Li, ^{9,10,11,12}Be, ^{12,13,14,15,17}B, ^{15,16,17,18,19}C, ^{19,20,21}N, ^{22,23}O; measured yields. JOUR PRVCA 80 054315
	2010AB05	NUCLEAR REACTIONS C, N, O(μ, X)^{1}n / ^{6}He / ^{8}He / ^{8}Li / ^{9}Li / ^{7}Be / ^{10}Be / ^{11}Be / ^{8}B / ^{10}B / ^{12}B / ^{13}B / ^{9}C / ^{10}C / ^{11}C / ^{12}N / ^{13}N / ^{15}O, E=cosmic ray muons; measured yields of muon induced spallations produced in KamLAND scintillation detector; MUSIC, FLUKA, and GEANT4 Monte Carlo simulations. JOUR PRVCA 81 025807
	2010AM02	NUCLEAR REACTIONS ^{1}H(^{11}Be, d), ^{2}H(^{10}Be, p), (^{12}B, d), E=40 MeV / nucleon; measured reaction products; deduced new kinematics technique. JOUR IMPEE 19 1096
	2010BE08	RADIOACTIVITY ^{12}C(β^+), (β^-), (n), (p), (IT); measured γ, particle spectra, limits of half-lives for Pauli-forbidden transitions using Borexino detector. Comparison with previous measurements. Test of Pauli exclusion principle for nucleons in ^{12}C through search for γ, neutron, proton, β^- or β^+ emission in Pauli-forbidden transition from $1p_{3/2}$-shell nucleons to the filled $1s_{1/2}$ shell in nuclei. JOUR PRVCA 81 034317
	2010HY01	RADIOACTIVITY ^{12}N(β^+), ^{12}B(β^-); measured 3α summed spectra and associated branching ratios for breakup via the ^{8}Be ground-state and via excited states of ^{8}Be. ^{12}C; deduced levels, resonances, Gammow-Teller strengths and widths using multilevel, many-channel R-matrix formalism. JOUR PRVCA 81 024303
	2010LE02	NUCLEAR REACTIONS ^{2}H(^{11}B, p), E=81 MeV; ^{2}H(^{12}B, p), E=75 MeV; measured proton and ^{11,12,13}B particle spectra, $\sigma(\theta)$. ^{12,13}B; deduced levels, J, π, l-transfers. Comparison with DWBA calculations. ^{11}B, ^{12}B(n, γ); deduced reaction rates of astrophysical relevance, and abundances of ^{11}B and ^{12}B in r process. JOUR PRVCA 81 015802

A=12 ***(continued)***

	2010QI02	NUCLEAR REACTIONS ^{1,2}H, ^{12}C, ^{27}Al, ^{63}Cu, ^{197}Au(e, e'π^+), E<5.8 GeV; measured yields, differential cross sections as a function of azimuthal angle, and nuclear transparencies versus Q^2. JOUR PRVCA 81 055209
	2010ZH03	NUCLEAR MOMENTS ^{12}B, ^{12}N; measured β-NMR spectra; deduced magnetic moments, magic numbers. Comparison with shell model calculations. JOUR CPLEE 27 022102
^{12}C	2008AOZX	NUCLEAR REACTIONS ^{12}C(^{17}B, ^{17}B'), E not given; ^{12}C(^{15}B, ^{15}B'), E not given; measured reaction products; deduced Q, neutron effective charge. Results on CD only. CONF E.Lansing (NS2008),P52,Aoi
	2008MEZW	NUCLEAR REACTIONS ^{1,2}H, ^{12}C, ^{16}O(n, n), E≈95 MeV; ^{1,2}H, ^{12}C, ^{16}O(n, n'), E≈95 MeV; measured En, In(θ), Ep, Ip(θ), Ed, Id(θ); deduced dσ(E), dσ(θ); calculated dσ using different forces with and without 3N component. Compared to other data and calculations. CONF Nice (Nucl Data for Sci and Technol) Proc,P1039
	2008OHZT	NUCLEAR REACTIONS ^{12}C, ^{89}Y, ^{208}Pb(n, n), E=96 MeV; measured En, In(θ); deduced dσ(θ); calculated dσ(θ) using different models. ^{12}C(n, n) dσ compared also to ^{12}C(p, p). CONF Nice (Nucl Data for Sci and Technol) Proc,P1023
	2008PIZW	NUCLEAR REACTIONS ^{12}C(^{134}Xe, ^{134}Xe'), E=435 MeV; measured Eγ, Iγ, γ-γ-coin.; ^{134}Xe; deduced level energies, J, π, B(E2). CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P325,Pietralla
	2008ZHZV	NUCLEAR REACTIONS ^{12}C(^{17}F, ^{17}F), E; measured E(particle), I(particle); deduced ^{17}F yield. REPT CNS-REP-61,P13,Zhang
	2009AG13	NUCLEAR REACTIONS ^{6,7}Li, ^{9}Be, ^{12,13}C, ^{16}O(K^-, π^-), E at rest; measured negative pion spectra, proton spectra, p(pion)-coin from decaying hypernucleus. ^{5}He, ^{7}Li, ^{9}Be, ^{11}B, ^{12,13}C, ^{15}N, ^{16}O; deduced decay rates, widths and decay ratio for these hypernuclei. Comparison with other data. JOUR NUPAB 827 303c
	2009CHZX	NUCLEAR REACTIONS ^{12}C(e, e'), E=73 MeV; measured E(e), I(e), θ(e); deduced monopole matrix element using also other data, formfactor, Hoyle state pair width; calculated using PWBA and Fourier-Bessel analysis. CONF Cologne (Capture Gamma-Ray Spectroscopy) Proc,P53,Chernykh
	2009CO24	NUCLEAR REACTIONS ^{12}C(^{128}Xe, ^{128}Xe'), E=404 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, and γ-ray yields in Coulomb excitation using Gammasphere array. ^{128}Xe; deduced levels, J, π, B(E2), and B(E2) ratios. Tested validity of E(5) symmetry. JOUR PRVCA 80 061304
	2009COZY	NUCLEAR REACTIONS ^{12}C(^{124}Xe, ^{124}Xe'), E=394 MeV;^{12}C(^{126}Xe, ^{126}Xe'), E=399 MeV;^{12}C(^{128}Xe, ^{128}Xe'), E=404 MeV;^{12}C(^{130}Xe, ^{130}Xe'), E=409 MeV;^{12}C(^{132}Xe, ^{132}Xe'), E=414 MeV;^{12}C(^{134}Xe, ^{134}Xe'), E=435 MeV; measured Coulomb excitation Eγ, Iγ, γ-γ-coin.; deduced E(2^+), B(M1) strength. CONF Cologne (Capture Gamma-Ray Spectroscopy) Proc,P140,Coquard
	2009FRZV	NUCLEAR REACTIONS ^{12}C(p, p'), E=66 MeV; measured Ep, Ip(θ); deduced σ(E, θ). ^{9}Be(^{16}O, ^{14}O), E=234 MeV; measured E(particle), I(particle, θ); deduced σ(E), neutron decay widths. CONF Dub(Nucl Struct and Dynamics,09) Proc,P13

A=12 ***(continued)***

2009FU17 NUCLEAR REACTIONS ^{12}C, ^{16}O, ^{40,42,48}Ca(^{7}Li, tα)^{12}C / ^{16}O / ^{40}Ca / ^{42}Ca / ^{48}Ca / ^{44}Ti / ^{46}Ti / ^{52}Ti, E=26.0 MeV; measured particle-spectra, tα-coin, and t$\alpha(\theta)$; deduced relative ratios of reaction cross sections. ^{44,46,52}Ti; deduced levels, J, π, α-cluster states. Comparison with other experimental data. JOUR PRVCA 80 064613

2009GAZU NUCLEAR REACTIONS ^{16}O(γ, α), E=9.51, 9.61, 9.72 MeV; measured Eα, I$\alpha(\theta)$, E(particle), I(particle). REPT TUNL-XLVIII,P97,Gai

2009MOZW NUCLEAR REACTIONS ^{1}H(n, n'), E=100 eV-15 keV;^{12}C(n, n'), E=64-15 keV; measured En, In, θ(n); deduced (^{12}C H_2) / ^{12}C intensity ratio. ^{1}H in the CH_2 compound; ^{12}C both as an element compound and in the form of CH_2 compound. CONF Cologne (Capture Gamma-Ray Spectroscopy) Proc,P102,Moreh

2009MUZW NUCLEAR REACTIONS ^{12}C(^{88}Kr, ^{88}Kr'), E not given;^{109}Ag(^{92}Kr, ^{92}Kr'), E not given; measured Coulomb excitation Eγ, Iγ; deduced ^{88,92}Kr B(E2). ^{92}Kr B(E2) in contrast to what was supposed. CONF Cologne (Capture Gamma-Ray Spectroscopy) Proc,P587,Mucher

2009MUZX NUCLEAR REACTIONS ^{12}C(^{70}Zn, ^{70}Zn'), E=200 MeV; measured Coulomb excitation Eγ, Iγ, $\theta(\gamma)$, $\gamma\gamma(\theta)$-coin.; deduced ^{70}Zn $T_{1/2}$, g-factor, ν orbital in the wavefunction. CONF Cologne (Capture Gamma-Ray Spectroscopy) Proc,P512,Mucher

2009PIZW NUCLEAR REACTIONS ^{12}C(^{134}Xe, ^{134}Xe'), E=435 MeV; ^{12}C(^{136}Ba, ^{136}Ba'), ^{12}C(^{138}Ce, ^{138}Ce'), E not given; measured Coulomb excitation Eγ, Iγ; deduced low-lying levels, J, π, B(M1); calculated low-lying levels, J, π, B(M1) using IBM with mixed-symmetry states. CONF Dub(Nucl Struct and Dynamics,09) Proc,P225

2009RAZY NUCLEAR REACTIONS ^{12}C(^{124}Xe, ^{124}Xe'), E=394 MeV; measured Coulomb excitation Eγ, Iγ, $\gamma\gamma$-coin.; deduced E, J, π, B(E2); calculated E, J, π, B(E2) using IBM-1. Compared together, discussed O(5) and O(6) symmetry realizations. CONF Cologne (Capture Gamma-Ray Spectroscopy) Proc,P263,Rainovski

2010AG04 NUCLEAR REACTIONS ^{6,7}Li, ^{9}Be, ^{12,13}C, ^{16}O(K^-, π^-), E at rest; measured Ep, Ip from decaying hypernucleus; analyzed reaction mechanism features, final state interactions and decay width ratios. JOUR PYLBB 685 247

2010AL10 NUCLEAR REACTIONS ^{13}C(^{12}C, ^{13}C), (^{12}C, ^{12}C), E=10.6 MeV / nucleon; ^{12}C(^{22}Ne, ^{22}Ne), (^{22}Ne, ^{22}Ne'), ^{13}C(^{22}Ne, ^{22}Ne), (^{22}Ne, ^{23}Ne), E=12 MeV / nucleon; measured particle spectra, σ and $\sigma(\theta)$; deduced optical model parameters and asymptotic normalization coefficients (ANC). ^{22}Mg(p, γ); deduced direct and resonant capture rates, and effect on the depletion of ^{22}Na in O-Ne Novae. JOUR PRVCA 81 035802

2010BE08 RADIOACTIVITY ^{12}C(β^+), (β^-), (n), (p), (IT); measured γ, particle spectra, limits of half-lives for Pauli-forbidden transitions using Borexino detector. Comparison with previous measurements. Test of Pauli exclusion principle for nucleons in ^{12}C through search for γ, neutron, proton, β^- or β^+ emission in Pauli-forbidden transition from $1p_{3/2}$-shell nucleons to the filled $1s_{1/2}$ shell in nuclei. JOUR PRVCA 81 034317

A=12 *(continued)*

2010CH17 NUCLEAR REACTIONS ^{12}C(e, e'), E=29-78 MeV; measured reaction products; deduced transition form factors, charge density, pair decay width of the Hoyle state. JOUR PRLTA 105 022501

2010CO09 NUCLEAR REACTIONS ^{12}C(^{130}Xe, ^{130}Xe'), E=409 MeV; ^{12}C(^{132}Xe, ^{132}Xe'), E=414 MeV; measured Eγ, Iγ, and σ using Gammasphere array. ^{130}Xe, ^{132}Xe; deduced J, π, B(E2), B(M1), and one-phonon mixed symmetry 2+ states. Projectile Coulomb excitation. Systematics of level energies and B(M1) strengths of one-phonon mixed symmetry states in even-even ^{124}-^{134}Xe nuclei. JOUR PRVCA 82 024317

2010DE32 NUCLEAR REACTIONS ^{12}C(^{12}C, ^{12}C), E=240 MeV; ^{12}C(^{13}C, ^{13}C), E=250 MeV; measured $\sigma(\theta)$; calculated $\sigma(\theta)$ using different optical potentials; analyzed Airy minima. JOUR NUPAB 834 473c

2010FR03 NUCLEAR REACTIONS ^{12}C(p, p'), E=66 MeV; measured Ep, Ip(θ=10≈, 16≈, 28≈). ^{9}Be(^{16}O, ^{14}O), E=234 MeV; measured E(particle), I(particle). ^{11}Be; deduced levels, J, π. ^{11}Be, ^{12}C calculated levels, J, π, rotational and vibrational bands assuming 2α+3n for ^{11}Be and 3α for ^{12}C. JOUR NUPAB 834 621c

2010HY01 RADIOACTIVITY ^{12}N(β^+), ^{12}B(β^-); measured 3α summed spectra and associated branching ratios for breakup via the ^{8}Be ground-state and via excited states of ^{8}Be. ^{12}C; deduced levels, resonances, Gammow-Teller strengths and widths using multilevel, many-channel R-matrix formalism. JOUR PRVCA 81 024303

2010KI08 NUCLEAR REACTIONS ^{11}B(^{3}He, d), E=8.5 MeV; measured Eα, Iα, α-α coin. ^{12}C; deduced levels, resonances, J, π, decays through ^{8}Be, simulations of the Dalitz distributions based on four different theoretical models. Discussed mechanisms of sequential, democratic and three body decay modes of ^{12}C resonances. JOUR PRVCA 81 064313

2010MA26 NUCLEAR REACTIONS ^{14}N(p, γ)^{15}O, E=278, 1058 keV; ^{15}N(p, α)^{12}C, E=430, 897 keV; measured γ-ray spectra, yield, angular distributions, branching ratio, and resonance strengths. ^{15}O; deduced resonances. Comparison with previous measurements. JOUR PRVCA 81 055807

2010MO14 NUCLEAR REACTIONS ^{12}C(^{68}Zn, ^{68}Zn'), E=180 MeV; measured Eγ, Iγ, (particle)$\gamma(\theta$, H), precession angles in transient fields. ^{68}Zn; deduced g factors. Coulomb excitation. ^{62,64,66,70}Zn; reanalyzed g factors. Comparison with large-scale shell-model calculations. JOUR PRVCA 82 014301

2010MU05 NUCLEAR REACTIONS ^{12}C(^{12}C, 3α)^{12}C, E=101.5 MeV; measured reaction products, Eα, Iα; deduced excitation energy spectrum, J, π, no evidence of 2$^+$ state. JOUR JPGPE 37 105104

2010OG03 NUCLEAR REACTIONS ^{12}C(α, α'), E(cm)≈=45-300 MeV; ^{12}C(^{3}He, ^{3}He'), E(cm)≈25-95 MeV; ^{12}C(d, d'), E(cm)≈45-170 MeV; ^{12}C(^{6}Li, ^{6}Li'), E(cm)≈82-115 MeV; ^{12}C(^{12}C, ^{12}C'), E(cm)≈61-80 MeV; measured particle spectra, angular distributions; deduced ground and excited state diffraction radii, radii. ^{13}C; deduced neutron halo using diffractive and rainbow scattering. JOUR NUPAB 834 143c

A=12 ***(continued)***

	2010OK01	NUCLEAR REACTIONS ^{12}C(p, p'), E=300 MeV; measured Ep, Ip, σ, $\sigma(\theta)$; deduced levels, J, π, deformation parameters. Comparison with DWBA calculations and α-cluster condensation model. JOUR PRVCA 81 054604
	2010PIZZ	NUCLEAR REACTIONS ^{12}C(^{124}Xe, ^{124}Xe'), E≈435 MeV; ^{12}C(^{126}Xe, ^{126}Xe'), E≈435 MeV; ^{12}C(^{128}Xe, ^{128}Xe'), E≈435 MeV; ^{12}C(^{130}Xe, ^{130}Xe'), E≈435 MeV; ^{12}C(^{132}Xe, ^{132}Xe'), E≈435 MeV; ^{12}C(^{134}Xe, ^{134}Xe'), E≈435 MeV; measured Coulomb excitation Eγ, Iγ; deduced B(M1) transition strength, E, J, π; calculated transition strengths; deduced quadrupole-quadrupole proton-neutron interaction, ^{124}Xe O(6) symmetry breaking. CONF Varenna (Nucl Reaction Mechanisms),Proc,Vol.1,P173
	2010RA05	NUCLEAR REACTIONS ^{12}C(^{124}Xe, ^{124}Xe'), E=394 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin using DSA technique and the Gammasphere array. ^{124}Xe; deduced levels, J, π, B(E2). Comparison with interacting boson model. JOUR PYLBB 683 11
	2010TA05	RADIOACTIVITY ^{16}N($\beta^-\alpha$); measured Eα, Iα, α^{12}C-coin, half-life; deduced E1 component of the S factor for ^{12}C(α, γ)^{16}O reaction using a set of twin ionization chambers. R-matrix analysis. Comparison with previous studies. JOUR PRVCA 81 045809
	2010TO03	NUCLEAR REACTIONS ^{12}C, ^{28}Si(p, p), E=4.9-6.1 MeV; measured scattered protons; deduced yields, stopping σ, sharp nuclear resonances. JOUR NIMBE 268 1749
^{12}N	2010AB05	NUCLEAR REACTIONS C, N, O(μ, X)^{1}n / ^{6}He / ^{8}He / ^{8}Li / ^{9}Li / ^{7}Be / ^{10}Be / ^{11}Be / ^{8}B / ^{10}B / ^{12}B / ^{13}B / ^{9}C / ^{10}C / ^{11}C / ^{12}N / ^{13}N / ^{15}O, E=cosmic ray muons; measured yields of muon induced spallations produced in KamLAND scintillation detector; MUSIC, FLUKA, and GEANT4 Monte Carlo simulations. JOUR PRVCA 81 025807
	2010BE08	RADIOACTIVITY ^{12}C(β^+), (β^-), (n), (p), (IT); measured γ, particle spectra, limits of half-lives for Pauli-forbidden transitions using Borexino detector. Comparison with previous measurements. Test of Pauli exclusion principle for nucleons in ^{12}C through search for γ, neutron, proton, β^- or β^+ emission in Pauli-forbidden transition from $1p_{3/2}$-shell nucleons to the filled $1s_{1/2}$ shell in nuclei. JOUR PRVCA 81 034317
	2010HY01	RADIOACTIVITY ^{12}N(β^+), ^{12}B(β^-); measured 3α summed spectra and associated branching ratios for breakup via the ^{8}Be ground-state and via excited states of ^{8}Be. ^{12}C; deduced levels, resonances, Gammow-Teller strengths and widths using multilevel, many-channel R-matrix formalism. JOUR PRVCA 81 024303
	2010ZH03	NUCLEAR MOMENTS ^{12}B, ^{12}N; measured β-NMR spectra; deduced magnetic moments, magic numbers. Comparison with shell model calculations. JOUR CPLEE 27 022102

A=13

^{13}Be	2010KO17	NUCLEAR REACTIONS ^{1}H(^{14}Be, X)^{13}Be, E=69 MeV / nucleon; measured reaction fragments; deduced σ, σ(E), p- and d-wave resonance energies and widths, J, π. Comparison with shell model calculations. JOUR PYLBB 690 245
^{13}B	2008WUZY	NUCLEAR REACTIONS ^{7,8}Li(d, ^{3}He), E not given; ^{7}Li(d, t), E not given; ^{2}H(^{12}B, p), E not given; measured E(particle), I(particle, θ); deduced d$\sigma(\theta)$, spectroscopic factors; calculated d$\sigma(\theta)$, spectroscopic factors. Results on CD only. CONF E.Lansing (NS2008),P57,Wuosmaa
	2009IWZZ	NUCLEAR REACTIONS ^{7}Li(^{7}Li, p), E not given; measured Eγ, Iγ, $\theta(\gamma)$; deduced 3.68 MeV state half-life, B(E1). Compared to near-by nuclei. CONF Cologne (Capture Gamma-Ray Spectroscopy) Proc,P440,Iwasaki
	2009LI51	NUCLEAR REACTIONS ^{9}Be(^{26}Mg, X), E=68.8 MeV; measured isotopic yields. ^{6}He, ^{7,8,9}Li, ^{9,10,11,12}Be, ^{12,13,14,15,17}B, ^{15,16,17,18,19}C, ^{19,20,21}N, ^{22,23}O; measured yields. JOUR PRVCA 80 054315
	2010AB05	NUCLEAR REACTIONS C, N, O(μ, X)^{1}n / ^{6}He / ^{8}He / ^{8}Li / ^{9}Li / ^{7}Be / ^{10}Be / ^{11}Be / ^{8}B / ^{10}B / ^{12}B / ^{13}B / ^{9}C / ^{10}C / ^{11}C / ^{12}N / ^{13}N / ^{15}O, E=cosmic ray muons; measured yields of muon induced spallations produced in KamLAND scintillation detector; MUSIC, FLUKA, and GEANT4 Monte Carlo simulations. JOUR PRVCA 81 025807
	2010BA06	NUCLEAR REACTIONS ^{12}B(d, p), E=75 MeV; measured Ep, Ip, recoil ions; deduced $\sigma(\theta)$, spectroscopic factors, constrained J, π. JOUR PRLTA 104 132501
	2010LE02	NUCLEAR REACTIONS ^{2}H(^{11}B, p), E=81 MeV; ^{2}H(^{12}B, p), E=75 MeV; measured proton and ^{11,12,13}B particle spectra, $\sigma(\theta)$. ^{12,13}B; deduced levels, J, π, l-transfers. Comparison with DWBA calculations. ^{11}B, ^{12}B(n, γ); deduced reaction rates of astrophysical relevance, and abundances of ^{11}B and ^{12}B in r process. JOUR PRVCA 81 015802
	2010MA44	RADIOACTIVITY ^{28}P(β^{+}); measured μ; deduced spin components. ^{13}B(β^{-}); measured Eβ, I$\beta(\theta)$ from aligned ^{13}B; deduced alignment correlation coefficient, G-parity tensor coupling constant. Discussed ^{9}C-^{9}Li mirror pair μ and spin expectation value. JOUR NUPAB 834 424c
^{13}C	2008GIZY	NUCLEAR REACTIONS ^{16}O(n, α), E=3.95-9 MeV; measured Eα, Iα; deduced σ(E*). Compared to other data, ENDF / B-VI.8, ENDF / B-VII.0. CONF Nice (Nucl Data for Sci and Technol) Proc,P525
	2009AG13	NUCLEAR REACTIONS ^{6,7}Li, ^{9}Be, ^{12,13}C, ^{16}O(K^{-}, π^{-}), E at rest; measured negative pion spectra, proton spectra, p(pion)-coin from decaying hypernucleus. ^{5}He, ^{7}Li, ^{9}Be, ^{11}B, ^{12,13}C, ^{15}N, ^{16}O; deduced decay rates, widths and decay ratio for these hypernuclei. Comparison with other data. JOUR NUPAB 827 303c
	2010AG04	NUCLEAR REACTIONS ^{6,7}Li, ^{9}Be, ^{12,13}C, ^{16}O(K^{-}, π^{-}), E at rest; measured Ep, Ip from decaying hypernucleus; analyzed reaction mechanism features, final state interactions and decay width ratios. JOUR PYLBB 685 247

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

	2010AL10	NUCLEAR REACTIONS ^{13}C(^{12}C, ^{13}C), (^{12}C, ^{12}C), E=10.6 MeV / nucleon; ^{12}C(^{22}Ne, ^{22}Ne), (^{22}Ne, ^{22}Ne'), ^{13}C(^{22}Ne, ^{22}Ne), (^{22}Ne, ^{23}Ne), E=12 MeV / nucleon; measured particle spectra, σ and $\sigma(\theta)$; deduced optical model parameters and asymptotic normalization coefficients (ANC). ^{22}Mg(p, γ); deduced direct and resonant capture rates, and effect on the depletion of ^{22}Na in O-Ne Novae. JOUR PRVCA 81 035802
	2010KA24	NUCLEAR REACTIONS ^{2}H(^{11}Be, ^{12}Be), E=5 MeV / nucleon; measured Ep, Ip(θ), (particle)p-coin; deduced $\sigma(\theta)$ to isolated states, spectroscopic factor. ^{12}Be; deduced levels, J, π. ^{12}C(^{24}O, ^{23}O), E=920 MeV / nucleon; measured momentum distribution, spectroscopic factor. Comparison with systematics. Secondary radioactive beams. JOUR NUPAB 834 505c
	2010KAZZ	NUCLEAR REACTIONS ^{11}B, ^{13}C(α, α'), E=388 MeV; measured Eα, I$\alpha(\theta)$; deduced d$\sigma(\theta)$ to individual states, B(E0); calculated d$\sigma(\theta)$ using DWBA with parameters from elastic scattering on ^{12}C. CONF Varenna (Nucl Reaction Mechanisms),Proc,Vol.1,P95
	2010MA44	RADIOACTIVITY ^{28}P(β^+); measured μ; deduced spin components. ^{13}B(β^-); measured Eβ, I$\beta(\theta)$ from aligned ^{13}B; deduced alignment correlation coefficient, G-parity tensor coupling constant. Discussed ^{9}C-^{9}Li mirror pair μ and spin expectation value. JOUR NUPAB 834 424c
	2010OG03	NUCLEAR REACTIONS ^{12}C(α, α'), E(cm)≈=45-300 MeV; ^{12}C(^{3}He, ^{3}He'), E(cm)≈25-95 MeV; ^{12}C(d, d'), E(cm)≈45-170 MeV; ^{12}C(^{6}Li, ^{6}Li'), E(cm)≈82-115 MeV; ^{12}C(^{12}C, ^{12}C'), E(cm)≈61-80 MeV; measured particle spectra, angular distributions; deduced ground and excited state diffraction radii, radii. ^{13}C; deduced neutron halo using diffractive and rainbow scattering. JOUR NUPAB 834 143c
	2010ROZZ	NUCLEAR REACTIONS ^{9}Be(^{6}Li, d), E=25.5 MeV; measured Ed, Id(θ); deduced d$\sigma(\theta)$; calculated d$\sigma(\theta)$ using DWBA code DWUCK5. CONF Varenna (Nucl Reaction Mechanisms),Proc,Vol.2,P331
^{13}N	2009RO29	NUCLEAR REACTIONS ^{12}C(^{8}He, ^{7}H), E=15.4 MeV / nucleon; measured Et, It, recoil spectra, (recoil)(triton)-coin; deduced correlations. ^{2}H(^{56}Ni, ^{56}Ni'), E=50 MeV / nucleon; measured recoiling Ed, Id. ^{56}Ni; deduced isoscaler giant monopole and giant quadrupole resonance parameters. ^{1}H(^{11}Li, ^{9}Li), E=33 MeV; measured Et, It, recoil spectra; deduced $\sigma(\theta)$, configurations. MAYA active target and SPIRAL radioactive beam facility at GANIL. JOUR ZAANE 42 447
	2009WA25	NUCLEAR REACTIONS ^{1}H(^{13}N, p), E=47.8 MeV; measured reaction products; ^{14}O; deduced σ, resonance parameters, J, π. Monte-Carlo simulations. JOUR CPCHC 33 181
	2010AB05	NUCLEAR REACTIONS C, N, O(μ, X)^{1}n / ^{6}He / ^{8}He / ^{8}Li / ^{9}Li / ^{7}Be / ^{10}Be / ^{11}Be / ^{8}B / ^{10}B / ^{12}B / ^{13}B / ^{9}C / ^{10}C / ^{11}C / ^{12}N / ^{13}N / ^{15}O, E=cosmic ray muons; measured yields of muon induced spallations produced in KamLAND scintillation detector; MUSIC, FLUKA, and GEANT4 Monte Carlo simulations. JOUR PRVCA 81 025807

A=13 *(continued)*

	2010LI38	NUCLEAR REACTIONS ^{2}H(^{6}He, ^{7}Li), E not given; ^{12}C(^{7}Li, ^{6}He), E=44.0 MeV; measured $\sigma(\theta)$; deduced ^{12}C(p, γ) S-factor; calculated S-factor using DWBA and asymptotic normalization coefficient. Comparison with other data. JOUR NUPAB 834 661c

A=14

^{14}Be	2008SPZV	RADIOACTIVITY ^{15}Be(n)[from 2p knockout from ^{17}C at 54 MeV / nucleon]; measured E(particle, θ), Z(particle), En, In(θ), (particle)n-coin. ^{14,15}Be deduced mass excess, Q-value. Results on CD only. CONF E.Lansing (NS2008),P177,Spyrou
^{14}B	2009LI51	NUCLEAR REACTIONS ^{9}Be(^{26}Mg, X), E=68.8 MeV; measured isotopic yields. ^{6}He, ^{7,8,9}Li, ^{9,10,11,12}Be, ^{12,13,14,15,17}B, ^{15,16,17,18,19}C, ^{19,20,21}N, ^{22,23}O; measured yields. JOUR PRVCA 80 054315
^{14}C	2009FRZW	NUCLEAR REACTIONS ^{11}B(α, α), E=1.5-8 MeV; measured Eα, I$\alpha(\theta)$. ^{11}B(α, p), E=4-7 MeV; measured Ep, Ip(θ). Results to be analyzed. REPT TUNL-XLVIII,P65,France
^{14}N	2010BU04	RADIOACTIVITY ^{7}Li, ^{9}Be, ^{11}B, ^{15}N(pπ^-); measured hypernuclei mesonic weak decay π^- spectra; deduced branching ratios, J, π. JOUR IMPEE 19 1109
	2010MI11	NUCLEAR REACTIONS ^{16}O(e, e'np)^{14}N, E=215 MeV; ^{16}O(γ, pn)^{14}N, E=100-800 MeV; measured reaction products; deduced σ. Comparison with Pavia model of two-nucleon knockout predictions. JOUR ZAANE 43 137
	2010PA17	NUCLEAR REACTIONS ^{16}O(n, t) E=81.8-33.1 MeV; measured Ee, Ie; deduced yields, σ. Comparison with other measurements. JOUR JRNCD 285 399
	2010SE06	NUCLEAR REACTIONS ^{2}H(^{17}O, α^{14}N), E=41 MeV; ^{1}H(^{17}O, α), E=41 MeV; measured reaction products; deduced neutron momentum distribution, $\sigma(\theta$, E), σ, resonances. Trojan Horse Method. JOUR NIFBA 125 457
	2010SE11	NUCLEAR REACTIONS ^{2}H(^{17}O, α^{14}N), E=41 MeV; measured σ, $\sigma(\theta)$. ^{17}O(p, α), E=0-0.7 MeV; deduced $\sigma(\theta)$. ^{18}F; deduced levels using Trojan Horse Method. JOUR NUPAB 834 676c
	2010SE13	NUCLEAR REACTIONS ^{2}H(^{17}O, α^{14}N), E=41 MeV; measured ^{14}N spectrum, $\sigma(\theta)$, momentum distribution and differential σ for resonances above the ^{18}F proton threshold. ^{18}F; deduced resonances and levels. Comparison of experimental momentum distribution with plane-wave impulse approximation (PWIA) and distorted-wave Born approximation (DWBA) calculations. ^{17}O(p, α)^{14}N; deduced reaction rates of astrophysical relevance. JOUR PRVCA 82 032801
	2011GU01	NUCLEAR REACTIONS ^{14}N(α, α), E=2.5-4 MeV; measured Eα, Iα; deduced $\sigma(\theta)$, resonance parameters. JOUR NIMBE 269 40
^{14}O	2008FAZT	NUCLEAR REACTIONS ^{9}Be, ^{12}C(^{32}Mg, ^{30}Ne), E=87.6, 91.6 MeV / nucleon; measured Eγ, Iγ; deduced ^{30}Ne, ^{32}Mg, ^{34}Si E, J, π, σ; calculated E, J, π, σ. Experiment about 50% of theoretical results; deduced details on occupied proton orbitals. Results on CD only. CONF E.Lansing (NS2008),P45,Fallon

A=14 *(continued)*

	2009MU17	RADIOACTIVITY ^{16}Ne, ^{19}Mg(2p), ^{15}F(p) [from ^{9}Be(^{17}Ne, ^{16}Ne), E=410 MeV / nucleon and ^{9}Be(^{20}Mg, ^{19}Mg), E=450 MeV / nucleon]; measured p-spectra, particle-spectra, p(particle)-coin, angular distributions / correlations; deduced $T_{1/2}$. Comparison with model calculations. Secondary radioactive beam. JOUR ZAANE 42 421
	2009WA25	NUCLEAR REACTIONS ^{1}H(^{13}N, p), E=47.8 MeV; measured reaction products; ^{14}O; deduced σ, resonance parameters, J, π. Monte-Carlo simulations. JOUR CPCHC 33 181
	2010HA15	NUCLEAR REACTIONS ^{4}He(^{14}O, α), E=24, 35 MeV; ^{18}Ne; measured reaction products; deduced ^{18}Ne resonance parameters, $\sigma(\theta)$. JOUR KPSJA 57 40
	2010JI02	NUCLEAR REACTIONS ^{1}H(^{17}F, α), (^{17}F, γ), E=55.5 MeV; measured recoil nuclei, Eα, Iα; deduced $\sigma(\theta)$, excitation function, ^{18}Ne resonance states, J, π. JOUR CPLEE 27 032102
	2010WA18	NUCLEAR REACTIONS ^{2}H(^{12}C, ^{13}N), (^{16}O, ^{17}F), E not given; ^{1}H(^{13}N, ^{13}N), (^{17}F, ^{17}F), E=47.8 MeV; measured reaction products, proton spectrum; ^{14}O, ^{18}Ne; deduced resonance parameters, J, π, $\sigma(\theta)$; R-matrix analysis. JOUR NUPAB 834 100c
^{14}F	2010GO16	NUCLEAR REACTIONS ^{1}H(^{13}O, X)^{14}F, E=31 MeV / nucleon; ^{1}H(^{14}O, ^{14}O), E=154 MeV; measured reaction products, proton spectra; deduced $\sigma(\theta)$, J, π, level scheme, resonances. Comparison with shell model calculations. JOUR PYLBB 692 307

A=15

^{15}Be	2008SPZV	RADIOACTIVITY ^{15}Be(n)[from 2p knockout from ^{17}C at 54 MeV / nucleon]; measured E(particle, θ), Z(particle), En, In(θ), (particle)n-coin. ^{14,15}Be deduced mass excess, Q-value. Results on CD only. CONF E.Lansing (NS2008),P177,Spyrou
^{15}B	2009LI51	NUCLEAR REACTIONS ^{9}Be(^{26}Mg, X), E=68.8 MeV; measured isotopic yields. ^{6}He, ^{7,8,9}Li, ^{9,10,11,12}Be, ^{12,13,14,15,17}B, ^{15,16,17,18,19}C, ^{19,20,21}N, ^{22,23}O; measured yields. JOUR PRVCA 80 054315
^{15}C	2009LI51	NUCLEAR REACTIONS ^{9}Be(^{26}Mg, X), E=68.8 MeV; measured isotopic yields. ^{6}He, ^{7,8,9}Li, ^{9,10,11,12}Be, ^{12,13,14,15,17}B, ^{15,16,17,18,19}C, ^{19,20,21}N, ^{22,23}O; measured yields. JOUR PRVCA 80 054315
	2010CAZX	NUCLEAR REACTIONS ^{13}C(^{18}O, ^{16}O), E=84 MeV; measured E(particle), Z(particle), I(particle, θ); deduced d$\sigma(\theta)$, ^{15}C energies of levels. CONF Varenna (Nucl Reaction Mechanisms),Proc,Vol.1,P187
	2010GL02	NUCLEAR REACTIONS ^{12}C, ^{16}O(γ, π^{+}p), E<450 MeV; measured pion and proton spectra; deduced differential yield, number of isobars per nucleon. JOUR BRSPE 74 747
^{15}N	2009AG13	NUCLEAR REACTIONS ^{6,7}Li, ^{9}Be, ^{12,13}C, ^{16}O(K^{-}, π^{-}), E at rest; measured negative pion spectra, proton spectra, p(pion)-coin from decaying hypernucleus. ^{5}He, ^{7}Li, ^{9}Be, ^{11}B, ^{12,13}C, ^{15}N, ^{16}O; deduced decay rates, widths and decay ratio for these hypernuclei. Comparison with other data. JOUR NUPAB 827 303c

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

	2010BU04	RADIOACTIVITY ^{7}Li, ^{9}Be, ^{11}B, ^{15}N(pπ^-); measured hypernuclei mesonic weak decay π^- spectra; deduced branching ratios, J, π. JOUR IMPEE 19 1109
	2010TA05	NUCLEAR REACTIONS ^{2}H(^{15}N, p)^{15}N / ^{16}N / ^{16}O / ^{20}Ne, E=82 MeV; measured fragment yields. JOUR PRVCA 81 045809
^{15}O	2009LU24	NUCLEAR REACTIONS ^{12}C(^{17}Ne, X)^{16}F / ^{15}O, E=30.8 MeV / nucleon; measured reaction products, proton spectrum; deduced coincidences between protons and ^{15}O events. JOUR CPCHC 33 s01 170
	2009XUZZ	RADIOACTIVITY ^{17}Ne(2p)[from ^{9}Be(^{20}Ne, X)], ^{29}S(2p)[from ^{9}Be(^{32}S, X)]; measured Ep, Ip, pp-coin, E(particle), I(particle), (particle)p-coin. CONF Dub(Nucl Struct and Dynamics,09) Proc,P106
	2010AB05	NUCLEAR REACTIONS C, N, O(μ, X)^{1}n / ^{6}He / ^{8}He / ^{8}Li / ^{9}Li / ^{7}Be / ^{10}Be / ^{11}Be / ^{8}B / ^{10}B / ^{12}B / ^{13}B / ^{9}C / ^{10}C / ^{11}C / ^{12}N / ^{13}N / ^{15}O, E=cosmic ray muons; measured yields of muon induced spallations produced in KamLAND scintillation detector; MUSIC, FLUKA, and GEANT4 Monte Carlo simulations. JOUR PRVCA 81 025807
	2010LI33	RADIOACTIVITY ^{17,18}Ne, ^{29}S(2p); deduced possible 2p-decay or ^{2}He-decay branching ratios. JOUR NUPAB 834 450c
	2010MA26	NUCLEAR REACTIONS ^{14}N(p, γ)^{15}O, E=278, 1058 keV; ^{15}N(p, α)^{12}C, E=430, 897 keV; measured γ-ray spectra, yield, angular distributions, branching ratio, and resonance strengths. ^{15}O; deduced resonances. Comparison with previous measurements. JOUR PRVCA 81 055807
^{15}F	2009MU17	RADIOACTIVITY ^{16}Ne, ^{19}Mg(2p), ^{15}F(p) [from ^{9}Be(^{17}Ne, ^{16}Ne), E=410 MeV / nucleon and ^{9}Be(^{20}Mg, ^{19}Mg), E=450 MeV / nucleon]; measured p-spectra, particle-spectra, p(particle)-coin, angular distributions / correlations; deduced $T_{1/2}$. Comparison with model calculations. Secondary radioactive beam. JOUR ZAANE 42 421

A=16

^{16}B	2010SP02	NUCLEAR REACTIONS Be(^{19}C, pX)^{18}B, E=62 MeV / nucleon; Be(^{17}C, pX)^{16}B, E=55 MeV / nucleon; measured decay energy spectra, (fragment)(neutron)-coin using time of flight technique with Modular Neutron Array (MoNA). ^{16}B; deduced ground state energies. ^{17}B; deduced level energies, J, π. ^{18}B; calculated level energies, J, π. Comparison with shell model calculations using WBP interaction and other data. Secondary radioactive beam. JOUR PYLBB 683 129
^{16}C	2008AOZX	RADIOACTIVITY ^{16}C(β^-), ^{18}C(β^-); measured Eγ, Iγ, E(particle), (particle)γ-coin; deduced $T_{1/2}$, B(E2). Results on CD only. CONF E.Lansing (NS2008),P52,Aoi
	2008WIZR	NUCLEAR REACTIONS ^{9}Be(^{9}Be, 2p), E=40 MeV; measured Eγ, Iγ, Ep, Ip, 2pγ-coin; deduced ^{16}C 2^+ state $T_{1/2}$ lifetime 2^+, B(E2), n, p transition matrix elements. Results on CD only. CONF E.Lansing (NS2008),P53,Wiedeking

A=16 *(continued)*

	2008WIZT	NUCLEAR REACTIONS ^{9}Be(^{11}B, 2p), E=50 MeV; ^{9}Be(^{9}Be, 2p), E=40 MeV; measured Ep, Ip, pp-coin, Eγ, Iγ, ppγ-coin, pnγ-coin; deduced ^{16}O B(E2), ^{18}N B(M1), low-lying state $T_{1/2}$. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P548
	2009IWZZ	RADIOACTIVITY ^{16,18}C(β^-)[from RIPS fragment separator]; measured Eγ, Iγ, $\theta(\gamma)$; deduced 2^+-state half-life, B(E2) using recoil shadow method. Compared to near-by nuclei. CONF Cologne (Capture Gamma-Ray Spectroscopy) Proc,P440,Iwasaki
	2009LI51	NUCLEAR REACTIONS ^{9}Be(^{26}Mg, X), E=68.8 MeV; measured isotopic yields. ^{6}He, ^{7,8,9}Li, ^{9,10,11,12}Be, ^{12,13,14,15,17}B, ^{15,16,17,18,19}C, ^{19,20,21}N, ^{22,23}O; measured yields. JOUR PRVCA 80 054315
	2009ON02	NUCLEAR REACTIONS ^{9}Be(^{16}C, ^{16}C'), (^{18}C, ^{18}C'), E=72.79 MeV / nucleon; ^{16,18}C; measured measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives using the upgraded recoil shadow method; deduced mean lifetime, B(E2), hinderance of transition strength, proton-shell closure. ^{22}Ne secondary beams. JOUR ZAANE 42 393
	2010WU06	NUCLEAR REACTIONS ^{2}H(^{15}C, p)^{16}C, E=123 MeV; measured proton spectra; deduced $\sigma(\theta)$, relative spectroscopic factors, excitation energies, wave functions. Comparison with shell model calculations. JOUR PRLTA 105 132501
^{16}N	2008AOZX	RADIOACTIVITY ^{16}C(β^-), ^{18}C(β^-); measured Eγ, Iγ, E(particle), (particle)γ-coin; deduced $T_{1/2}$, B(E2). Results on CD only. CONF E.Lansing (NS2008),P52,Aoi
	2009IWZZ	RADIOACTIVITY ^{16,18}C(β^-)[from RIPS fragment separator]; measured Eγ, Iγ, $\theta(\gamma)$; deduced 2^+-state half-life, B(E2) using recoil shadow method. Compared to near-by nuclei. CONF Cologne (Capture Gamma-Ray Spectroscopy) Proc,P440,Iwasaki
	2010TA05	RADIOACTIVITY ^{16}N($\beta^-\alpha$); measured Eα, Iα, α^{12}C-coin, half-life; deduced E1 component of the S factor for ^{12}C(α, γ)^{16}O reaction using a set of twin ionization chambers. R-matrix analysis. Comparison with previous studies. JOUR PRVCA 81 045809
	2010TA05	NUCLEAR REACTIONS ^{2}H(^{15}N, p)^{15}N / ^{16}N / ^{16}O / ^{20}Ne, E=82 MeV; measured fragment yields. JOUR PRVCA 81 045809
^{16}O	2008MEZW	NUCLEAR REACTIONS ^{1,2}H, ^{12}C, ^{16}O(n, n), E≈95 MeV; ^{1,2}H, ^{12}C, ^{16}O(n, n'), E≈95 MeV; measured En, In(θ), Ep, Ip(θ), Ed, Id(θ); deduced dσ(E), d$\sigma(\theta)$; calculated dσ using different forces with and without 3N component. Compared to other data and calculations. CONF Nice (Nucl Data for Sci and Technol) Proc,P1039
	2009AG13	NUCLEAR REACTIONS ^{6,7}Li, ^{9}Be, ^{12,13}C, ^{16}O(K$^-$, π^-), E at rest; measured negative pion spectra, proton spectra, p(pion)-coin from decaying hypernucleus. ^{5}He, ^{7}Li, ^{9}Be, ^{11}B, ^{12,13}C, ^{15}N, ^{16}O; deduced decay rates, widths and decay ratio for these hypernuclei. Comparison with other data. JOUR NUPAB 827 303c
	2009FU17	NUCLEAR REACTIONS ^{12}C, ^{16}O, ^{40,42,48}Ca(^{7}Li, tα)^{12}C / ^{16}O / ^{40}Ca / ^{42}Ca / ^{48}Ca / ^{44}Ti / ^{46}Ti / ^{52}Ti, E=26.0 MeV; measured particle-spectra, tα-coin, and t$\alpha(\theta)$; deduced relative ratios of reaction cross sections. ^{44,46,52}Ti; deduced levels, J, π, α-cluster states. Comparison with other experimental data. JOUR PRVCA 80 064613

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

	2009MA70	NUCLEAR REACTIONS ^{13}C(α, γ), (α, n), E=2.000, 2.270 MeV; measured Eγ, Iγ, $\gamma(\theta)$, En, σ, and $\sigma(\theta)$; deduced astrophysical S factors. Comparison with previous experimental data. ^{27}Al, ^{127}I, ^{206,207,208}Pb(n, n'), E=3.5-4.4 MeV; ^{127}I(n, γ), E=10.1-11.3 MeV; measured Eγ. JOUR PRVCA 80 065802
	2010AG04	NUCLEAR REACTIONS ^{6,7}Li, ^{9}Be, ^{12,13}C, ^{16}O(K$^-$, π^-), E at rest; measured Ep, Ip from decaying hypernucleus; analyzed reaction mechanism features, final state interactions and decay width ratios. JOUR PYLBB 685 247
	2010GI05	RADIOACTIVITY ^{18}Ne(2p) [from Pb(^{18}Ne, ^{18}Ne'), E=33 MeV / nucleon]; measured reaction fragments; deduced excitation energy spectrum, J, π, two-proton emission, branching ratio. JOUR IMPEE 19 1141
	2010HA02	NUCLEAR REACTIONS ^{12}C(^{13}C, ^{9}Be), E=141 MeV; measured reaction fragments; deduced high-spin states in ^{16}O, decay widths, precise values for the α-decay branching ratios from the high-spin states. JOUR JPGPE 37 035103
	2010LA05	NUCLEAR REACTIONS ^{2}H, ^{16}O(n, n), E=ultracold; measured σ, γ-spectra, Bragg reflection spectra, low-temperature dependence on yield of ultracold neutrons. Liquid orthodeuterium and solid oxygen targets. Pulse-neutron incident beam. JOUR PRVCA 82 015502
	2010LI33	RADIOACTIVITY ^{17,18}Ne, ^{29}S(2p); deduced possible 2p-decay or ^{2}He-decay branching ratios. JOUR NUPAB 834 450c
	2010RA14	RADIOACTIVITY ^{18}Ne(p), (2p) [from ^{9}Be(^{20}Ne, 2n), E=45 MeV / nucleon]; measured excitation energy and momentum spectra; deduced decay mechanism features. JOUR NUPAB 834 464c
	2010TA05	NUCLEAR REACTIONS ^{2}H(^{15}N, p)^{15}N / ^{16}N / ^{16}O / ^{20}Ne, E=82 MeV; measured fragment yields. JOUR PRVCA 81 045809
^{16}F	2009LU24	NUCLEAR REACTIONS ^{12}C(^{17}Ne, X)^{16}F / ^{15}O, E=30.8 MeV / nucleon; measured reaction products, proton spectrum; deduced coincidences between protons and ^{15}O events. JOUR CPCHC 33 s01 170
^{16}Ne	2009MU17	NUCLEAR REACTIONS ^{9}Be(^{20}Mg, X)^{19}Mg, E=450 MeV / nucleon; ^{9}Be(^{17}Ne, X)^{16}Ne, E=410 MeV / nucleon; measured p-spectra, particle-spectra, p(particle)-coin, angular distributions / correlations. ^{19}Mg, ^{16}Ne; deduced 2p $T_{1/2}$. Comparison with model calculations. Secondary radioactive beam. JOUR ZAANE 42 421
	2009MU17	RADIOACTIVITY ^{16}Ne, ^{19}Mg(2p), ^{15}F(p) [from ^{9}Be(^{17}Ne, ^{16}Ne), E=410 MeV / nucleon and ^{9}Be(^{20}Mg, ^{19}Mg), E=450 MeV / nucleon]; measured p-spectra, particle-spectra, p(particle)-coin, angular distributions / correlations; deduced $T_{1/2}$. Comparison with model calculations. Secondary radioactive beam. JOUR ZAANE 42 421
	2010EL05	NUCLEAR REACTIONS ^{181}Ta(^{40}Ar, X)^{16}Ne / ^{17}Ne / ^{18}Ne / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / E=63 MeV / nucleon; measured yields. JOUR PRVCA 82 027305

A=17

^{17}B	2009LI51	NUCLEAR REACTIONS ^{9}Be(^{26}Mg, X), E=68.8 MeV; measured isotopic yields. ^{6}He, ^{7,8,9}Li, ^{9,10,11,12}Be, ^{12,13,14,15,17}B, ^{15,16,17,18,19}C, ^{19,20,21}N, ^{22,23}O; measured yields. JOUR PRVCA 80 054315
	2010SP02	NUCLEAR REACTIONS Be(^{19}C, pX)^{18}B, E=62 MeV / nucleon; Be(^{17}C, pX)^{16}B, E=55 MeV / nucleon; measured decay energy spectra, (fragment)(neutron)-coin using time of flight technique with Modular Neutron Array (MoNA). ^{16}B; deduced ground state energies. ^{17}B; deduced level energies, J, π. ^{18}B; calculated level energies, J, π. Comparison with shell model calculations using WBP interaction and other data. Secondary radioactive beam. JOUR PYLBB 683 129
^{17}C	2008STZ0	RADIOACTIVITY ^{17}C; ^{19}C; measured Eγ, Iγ, $\gamma\gamma$-coin; deduced E, J; calculated E, J, π using shell model with WBT interaction. REPT ATOMKI 2008 Annual,P20,Stanoiu
	2008STZ0	NUCLEAR REACTIONS ^{17}C(p, p'), E not given; measured reaction products; deduced E, J, π. REPT ATOMKI 2008 Annual,P20,Stanoiu
	2009LI51	NUCLEAR REACTIONS ^{9}Be(^{26}Mg, X), E=68.8 MeV; measured isotopic yields. ^{6}He, ^{7,8,9}Li, ^{9,10,11,12}Be, ^{12,13,14,15,17}B, ^{15,16,17,18,19}C, ^{19,20,21}N, ^{22,23}O; measured yields. JOUR PRVCA 80 054315
^{17}N	2008RIZX	RADIOACTIVITY ^{9}Li, ^{17}N, ^{87}Br, ^{88}Br(β^-)[from Pb, ^{209}Bi, Fe(p, x), E=1 GeV]; measured β-delayed neutron decay. CONF Nice (Nucl Data for Sci and Technol) Proc,P1073
^{17}O	2008RIZX	RADIOACTIVITY ^{9}Li, ^{17}N, ^{87}Br, ^{88}Br(β^-)[from Pb, ^{209}Bi, Fe(p, x), E=1 GeV]; measured β-delayed neutron decay. CONF Nice (Nucl Data for Sci and Technol) Proc,P1073
	2009CH64	NUCLEAR REACTIONS ^{1}H(^{17}F, γ)^{18}Ne, E=14.3 MeV; ^{1}H(^{17}O, γ)^{18}F, E=18.65 MeV; ^{20}Ne(^{17}O, ^{20}Ne), E=18.65 MeV; measured recoils, σ at HRIBF facility; deduced widths of resonances, abundances of ^{17,18}F and ^{17}O in novae and x-ray bursts, and reaction rates for ^{17}F(π, γ)^{18}Ne reaction; discussed astrophysical implications. JOUR PRVCA 80 065810
	2009MA70	NUCLEAR REACTIONS ^{13}C(α, γ), (α, n), E=2.000, 2.270 MeV; measured Eγ, Iγ, $\gamma(\theta)$, En, σ, and $\sigma(\theta)$; deduced astrophysical S factors. Comparison with previous experimental data. ^{27}Al, ^{127}I, ^{206,207,208}Pb(n, n'), E=3.5-4.4 MeV; ^{127}I(n, γ), E=10.1-11.3 MeV; measured Eγ. JOUR PRVCA 80 065802
^{17}F	2009BA59	NUCLEAR REACTIONS ^{1}H(^{7}Be, γ), (^{17}F, γ), (^{24}Mg, γ), E=12 MeV;^{7}Be, ^{17}F, ^{24}Mg; measured reaction products; deduced yields, σ for (p, γ) reactions. JOUR ZAANE 42 457
	2010HE17	NUCLEAR REACTIONS ^{1}H(^{17}F, p), E=44.2 MeV; measured thick target Ep, Ip(θ), Eγ, Iγ, pγ-coin. ^{18}Ne deduced resonance parameters using R-matrix fit. JOUR NUPAB 834 670c
	2010RA14	RADIOACTIVITY ^{18}Ne(p), (2p) [from ^{9}Be(^{20}Ne, 2n), E=45 MeV / nucleon]; measured excitation energy and momentum spectra; deduced decay mechanism features. JOUR NUPAB 834 464c

A=17 *(continued)*

^{17}Ne	2008KOYY	RADIOACTIVITY ^{17}Ne; measured ToF versus field frequency; deduced isotope shift, mass mass excess, charge radius, halo nuclei; calculated mass excess, separation energy, proton, neutron density distribution using FMD; ^{38}Ca; ^{26}Al; ^{80}Zn;^{81}Zn;^{132}Sn;^{134}Sn; measured ToF versus frequency detuning; deduced Q-value, mass excess. Neutrons in ^{17}Ne spherical, protons cluster-like form. Results on CD only. CONF E.Lansing (NS2008),P20,Kowalska
	2008VOZU	RADIOACTIVITY ^{19}Mg(2p)[from ^{24}Mg on ^{9}Be target]; measured E(particle), I(particle), (particle)(particle)-coin. Preliminary. Abstract is on other paper, not contained on CD. Results on CD only. CONF E.Lansing (NS2008),P190,Voss
	2009MU17	RADIOACTIVITY ^{16}Ne, ^{19}Mg(2p), ^{15}F(p) [from ^{9}Be(^{17}Ne, ^{16}Ne), E=410 MeV / nucleon and ^{9}Be(^{20}Mg, ^{19}Mg), E=450 MeV / nucleon]; measured p-spectra, particle-spectra, p(particle)-coin, angular distributions / correlations; deduced $T_{1/2}$. Comparison with model calculations. Secondary radioactive beam. JOUR ZAANE 42 421
	2009XUZZ	RADIOACTIVITY ^{17}Ne(2p)[from ^{9}Be(^{20}Ne, X)], ^{29}S(2p)[from ^{9}Be(^{32}S, X)]; measured Ep, Ip, pp-coin, E(particle), I(particle), (particle)p-coin. CONF Dub(Nucl Struct and Dynamics,09) Proc,P106
	2010EL05	NUCLEAR REACTIONS ^{181}Ta(^{40}Ar, X)^{16}Ne / ^{17}Ne / ^{18}Ne / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / E=63 MeV / nucleon; measured yields. JOUR PRVCA 82 027305
	2010LI33	RADIOACTIVITY ^{17,18}Ne, ^{29}S(2p); deduced possible 2p-decay or ^{2}He-decay branching ratios. JOUR NUPAB 834 450c

A=18

^{18}B	2010SP02	NUCLEAR REACTIONS Be(^{19}C, pX)^{18}B, E=62 MeV / nucleon; Be(^{17}C, pX)^{16}B, E=55 MeV / nucleon; measured decay energy spectra, (fragment)(neutron)-coin using time of flight technique with Modular Neutron Array (MoNA). ^{16}B; deduced ground state energies. ^{17}B; deduced level energies, J, π. ^{18}B; calculated level energies, J, π. Comparison with shell model calculations using WBP interaction and other data. Secondary radioactive beam. JOUR PYLBB 683 129
^{18}C	2008AOZX	RADIOACTIVITY ^{16}C(β^-), ^{18}C(β^-); measured Eγ, Iγ, E(particle), (particle)γ-coin; deduced $T_{1/2}$, B(E2). Results on CD only. CONF E.Lansing (NS2008),P52,Aoi
	2009IWZZ	RADIOACTIVITY ^{16,18}C(β^-)[from RIPS fragment separator]; measured Eγ, Iγ, $\theta(\gamma)$; deduced 2^+-state half-life, B(E2) using recoil shadow method. Compared to near-by nuclei. CONF Cologne (Capture Gamma-Ray Spectroscopy) Proc,P440,Iwasaki
	2009LI51	NUCLEAR REACTIONS ^{9}Be(^{26}Mg, X), E=68.8 MeV; measured isotopic yields. ^{6}He, ^{7,8,9}Li, ^{9,10,11,12}Be, ^{12,13,14,15,17}B, ^{15,16,17,18,19}C, ^{19,20,21}N, ^{22,23}O; measured yields. JOUR PRVCA 80 054315

A=18 *(continued)*

	2009ON02	NUCLEAR REACTIONS ^{9}Be(^{16}C, ^{16}C'), (^{18}C, ^{18}C'), E=72.79 MeV / nucleon; ^{16,18}C; measured measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives using the upgraded recoil shadow method; deduced mean lifetime, B(E2), hinderance of transition strength, proton-shell closure. ^{22}Ne secondary beams. JOUR ZAANE 42 393
^{18}N	2008AOZX	RADIOACTIVITY ^{16}C(β^-), ^{18}C(β^-); measured Eγ, Iγ, E(particle), (particle)γ-coin; deduced $T_{1/2}$, B(E2). Results on CD only. CONF E.Lansing (NS2008),P52,Aoi
	2008WIZT	NUCLEAR REACTIONS ^{9}Be(^{11}B, 2p), E=50 MeV; ^{9}Be(^{9}Be, 2p), E=40 MeV; measured Ep, Ip, pp-coin, Eγ, Iγ, ppγ-coin, pnγ-coin; deduced ^{16}O B(E2), ^{18}N B(M1), low-lying state $T_{1/2}$. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P548
	2009IWZZ	RADIOACTIVITY ^{16,18}C(β^-)[from RIPS fragment separator]; measured Eγ, Iγ, $\theta(\gamma)$; deduced 2^+-state half-life, B(E2) using recoil shadow method. Compared to near-by nuclei. CONF Cologne (Capture Gamma-Ray Spectroscopy) Proc,P440,Iwasaki
^{18}O	2009JO08	NUCLEAR REACTIONS ^{4}He(^{14}C, ^{14}C), E=25 MeV; measured σ(E, θ). ^{18}O; deduced levels, widths, J, π using R-matrix analysis. JOUR ZAANE 42 135
	2009VOZX	NUCLEAR REACTIONS ^{12,14}C(^{7}Li, p), E=44 MeV; measured Ep, Ip(θ).^{18,20}O deduced rotational, cluster, molecular bands. CONF Dub(Nucl Struct and Dynamics,09) Proc,P19
	2010GA04	RADIOACTIVITY ^{18}F(EC) [from ^{18}O(p, n)]; measured Eγ, Iγ, Ee, Ie; deduced $T_{1/2}$. JOUR ARISE 68 1561
	2010NE03	NUCLEAR REACTIONS ^{17}O(p, γ)^{18}O, E=151, 275, 300, 325, 400, 450, 500, 519 keV; measured Eγ, Iγ; deduced levels, total yields, σ, and total S factors. Compared with previous work. JOUR PRVCA 81 045801
	2010VO04	NUCLEAR REACTIONS ^{12}C(^{7}Li, p), E=44 MeV; measured reaction products; deduced proton energy spectrum and ^{18}O excitation energies, cluster, molecular and rotational bands, $\sigma(\theta)$, J, π, resonance widths. JOUR ZAANE 43 17
^{18}F	2009CH64	NUCLEAR REACTIONS ^{1}H(^{17}F, γ)^{18}Ne, E=14.3 MeV; ^{1}H(^{17}O, γ)^{18}F, E=18.65 MeV; ^{20}Ne(^{17}O, ^{20}Ne), E=18.65 MeV; measured recoils, σ at HRIBF facility; deduced widths of resonances, abundances of ^{17,18}F and ^{17}O in novae and x-ray bursts, and reaction rates for ^{17}F(π, γ)^{18}Ne reaction; discussed astrophysical implications. JOUR PRVCA 80 065810
	2009NEZZ	NUCLEAR REACTIONS ^{17}O(p, γ), E=275-500 keV; measured Eγ, Iγ. Results still to be analyzed. REPT TUNL-XLVIII,P44,Newton
	2010GA04	RADIOACTIVITY ^{18}F(EC) [from ^{18}O(p, n)]; measured Eγ, Iγ, Ee, Ie; deduced $T_{1/2}$. JOUR ARISE 68 1561
	2010NE03	NUCLEAR REACTIONS ^{17}O(p, γ)^{18}O, E=151, 275, 300, 325, 400, 450, 500, 519 keV; measured Eγ, Iγ; deduced levels, total yields, σ, and total S factors. Compared with previous work. JOUR PRVCA 81 045801
	2010SE11	NUCLEAR REACTIONS ^{2}H(^{17}O, α^{14}N), E=41 MeV; measured σ, $\sigma(\theta)$. ^{17}O(p, α), E=0-0.7 MeV; deduced $\sigma(\theta)$. ^{18}F; deduced levels using Trojan Horse Method. JOUR NUPAB 834 676c

A=18 ***(continued)***

	2010SE13	NUCLEAR REACTIONS ^{2}H(^{17}O, α^{14}N), E=41 MeV; measured ^{14}N spectrum, $\sigma(\theta)$, momentum distribution and differential σ for resonances above the ^{18}F proton threshold. ^{18}F; deduced resonances and levels. Comparison of experimental momentum distribution with plane-wave impulse approximation (PWIA) and distorted-wave Born approximation (DWBA) calculations. ^{17}O(p, α)^{14}N; deduced reaction rates of astrophysical relevance. JOUR PRVCA 82 032801
^{18}Ne	2008SVZX	RADIOACTIVITY ^{62}Ga; measured Iβ, Eγ, Iγ, $\beta\gamma$-coin, $\gamma\gamma$-coin; deduced $T_{1/2}$, log ft, branching ratio; calculated isospin symmetry breaking using shell model; ^{26}Na(β^-); measured Iβ(t), Iγ(t); deduced $T_{1/2}$; ^{18}Ne; measured Eγ, Iγ, Iβ(t), $\beta\gamma$-coin, $\gamma\gamma$-coin; deduced $T_{1/2}$; ^{38}K; measured Iβ(t); deduced isomer decay, $T_{1/2}$, M3 branching ratio, log ft; ^{74}Rb; measured decay products; deduced $T_{1/2}$, branching ratio, log ft. Results on CD only. CONF E.Lansing (NS2008),P19,Svensson
	2009BA59	NUCLEAR REACTIONS ^{1}H(^{7}Be, γ), (^{17}F, γ), (^{24}Mg, γ), E=12 MeV;^{7}Be, ^{17}F, ^{24}Mg; measured reaction products; deduced yields, σ for (p, γ) reactions. JOUR ZAANE 42 457
	2009CH64	NUCLEAR REACTIONS ^{1}H(^{17}F, γ)^{18}Ne, E=14.3 MeV; ^{1}H(^{17}O, γ)^{18}F, E=18.65 MeV; ^{20}Ne(^{17}O, ^{20}Ne), E=18.65 MeV; measured recoils, σ at HRIBF facility; deduced widths of resonances, abundances of ^{17,18}F and ^{17}O in novae and x-ray bursts, and reaction rates for ^{17}F(π, γ)^{18}Ne reaction; discussed astrophysical implications. JOUR PRVCA 80 065810
	2009CHZW	NUCLEAR REACTIONS ^{1}H(^{17}F, γ), E not given; measured E(recoils), I(recoils); deduced reaction rate for T_9=0.1-1.0. Compared to other papers. CONF Cologne (Capture Gamma-Ray Spectroscopy) Proc,P471,Chipps
	2010EL05	NUCLEAR REACTIONS ^{181}Ta(^{40}Ar, X)^{16}Ne / ^{17}Ne / ^{18}Ne / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / E=63 MeV / nucleon; measured yields. JOUR PRVCA 82 027305
	2010GI05	RADIOACTIVITY ^{18}Ne(2p) [from Pb(^{18}Ne, ^{18}Ne'), E=33 MeV / nucleon]; measured reaction fragments; deduced excitation energy spectrum, J, π, two-proton emission, branching ratio. JOUR IMPEE 19 1141
	2010HA15	NUCLEAR REACTIONS ^{4}He(^{14}O, α), E=24, 35 MeV; ^{18}Ne; measured reaction products; deduced ^{18}Ne resonance parameters, $\sigma(\theta)$. JOUR KPSJA 57 40
	2010HE17	NUCLEAR REACTIONS ^{1}H(^{17}F, p), E=44.2 MeV; measured thick target Ep, Ip(θ), Eγ, Iγ, pγ-coin. ^{18}Ne deduced resonance parameters using R-matrix fit. JOUR NUPAB 834 670c
	2010JI02	NUCLEAR REACTIONS ^{1}H(^{17}F, α), (^{17}F, γ), E=55.5 MeV; measured recoil nuclei, Eα, Iα; deduced $\sigma(\theta)$, excitation function, ^{18}Ne resonance states, J, π. JOUR CPLEE 27 032102
	2010LI33	RADIOACTIVITY ^{17,18}Ne, ^{29}S(2p); deduced possible 2p-decay or ^{2}He-decay branching ratios. JOUR NUPAB 834 450c

A=18 *(continued)*

	2010RA14	NUCLEAR REACTIONS Pb(^{18}Ne, ^{18}Ne'), E not given; measured Coulomb excitation Ep, Ip(θ), pp-coin, A(particle), Z(particle), excitation energy spectrum. ^{18}Ne; deduced levels, J, π, 2-proton decay mode. Comparison with Monte Carlo calculations. Secondary radioactive beams and kinematically complete experiment. JOUR NUPAB 834 464c
	2010RA14	RADIOACTIVITY ^{18}Ne(p), (2p) [from ^{9}Be(^{20}Ne, 2n), E=45 MeV / nucleon]; measured excitation energy and momentum spectra; deduced decay mechanism features. JOUR NUPAB 834 464c
	2010RAZZ	RADIOACTIVITY ^{18}Ne[from ^{20}Ne+^{9}Be fragmentation at 45 MeV / nucleon]; measured reaction products of proton decay and two-proton decay; deduced ^{17}F, ^{16}O E, J, π, relative momentum spectra and angular distributions in ^{16}O+2p system. CONF Varenna (Nucl Reaction Mechanisms),Proc,Vol.1,P283
	2010TA17	NUCLEAR REACTIONS ^{16}O, ^{28}Si(^{3}He, n), E=15 MeV; measured ToF neutron σ(E). ^{18}Ne, ^{30}S; deduced energies of levels. JOUR NUPAB 834 679c
	2010WA18	NUCLEAR REACTIONS ^{2}H(^{12}C, ^{13}N), (^{16}O, ^{17}F), E not given; ^{1}H(^{13}N, ^{13}N), (^{17}F, ^{17}F), E=47.8 MeV; measured reaction products, proton spectrum; ^{14}O, ^{18}Ne; deduced resonance parameters, J, π, $\sigma(\theta)$; R-matrix analysis. JOUR NUPAB 834 100c

A=19

^{19}C	2008STZO	RADIOACTIVITY ^{17}C; ^{19}C; measured Eγ, Iγ, $\gamma\gamma$-coin; deduced E, J; calculated E, J, π using shell model with WBT interaction. REPT ATOMKI 2008 Annual,P20,Stanoiu
	2009LI51	NUCLEAR REACTIONS ^{9}Be(^{26}Mg, X), E=68.8 MeV; measured isotopic yields. ^{6}He, ^{7,8,9}Li, ^{9,10,11,12}Be, ^{12,13,14,15,17}B, ^{15,16,17,18,19}C, ^{19,20,21}N, ^{22,23}O; measured yields. JOUR PRVCA 80 054315
	2009NA39	NUCLEAR REACTIONS Pb, C(^{31}Ne, ^{30}Ne), (^{19}C, ^{18}C) E=230-243 MeV / nucleon; ^{31}Ne, ^{19}C; measured reaction fragments; deduced inclusive one-neutron removal σ, soft E1 excitations for ^{31}Ne, B(E1). Secondary beams from 48Ca fragmentation. JOUR PRLTA 103 262501
	2010TA04	NUCLEAR REACTIONS ^{1}H(^{19}C, ^{19}C'), (^{20}C, ^{20}C'), (^{22}C, ^{22}C'), E=40 MeV / nucleon; measured reaction products; ^{19,20,22}C; deduced σ, rms matter radii, neutron halo. Secondary beams from ^{40}Ar fragmentation. JOUR PRLTA 104 062701
^{19}N	2008SUZN	RADIOACTIVITY ^{19}N(β^-); ^{20}N(β^-); ^{22}N(β^-); measured Iβ, Eγ, Iγ(t), $\beta\gamma$-coin, , β-delayed En, In(θ, t); deduced B(GT) distribution, ^{22}O new negative parity states; ^{23}O(β^-); measured Eβ, Iβ, Eγ, Iγ, $\beta\gamma$-coin, $\gamma\gamma$-coin; deduced E, J, π; calculated E, J, π, Eγ, Iγ using sd-shell model space with USDB interactions; deduced neutron emission probability. Results on CD only. CONF E.Lansing (NS2008),P11,Sumithrarachchi
	2009LI51	NUCLEAR REACTIONS ^{9}Be(^{26}Mg, X), E=68.8 MeV; measured isotopic yields. ^{6}He, ^{7,8,9}Li, ^{9,10,11,12}Be, ^{12,13,14,15,17}B, ^{15,16,17,18,19}C, ^{19,20,21}N, ^{22,23}O; measured yields. JOUR PRVCA 80 054315

A=19 *(continued)*

	2010EL05	NUCLEAR REACTIONS ^{1}H(^{21}N, ^{21}N'), (^{21}N, X), E=52.0 MeV; ^{208}Pb(^{21}N, ^{21}N'), (^{21}N, X), E=48.1 MeV, [secondary ^{21}N beam from ^{181}Ta(^{40}Ar, X), E=63 MeV / nucleon primary reaction]; measured particle spectra, Eγ, Iγ, $\gamma\gamma$-coin, cross sections. ^{19,21}N; deduced levels, B(E2). GEANT4 simulation of γ-ray spectra. JOUR PRVCA 82 027305
	2010EL05	NUCLEAR REACTIONS ^{181}Ta(^{40}Ar, X)^{16}Ne / ^{17}Ne / ^{18}Ne / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / E=63 MeV / nucleon; measured yields. JOUR PRVCA 82 027305
^{19}O	2008SUZN	RADIOACTIVITY ^{19}N(β^-); ^{20}N(β^-); ^{22}N(β^-); measured Iβ, Eγ, Iγ(t), $\beta\gamma$-coin, , β-delayed En, In(θ, t); deduced B(GT) distribution, ^{22}O new negative parity states; ^{23}O(β^-); measured Eβ, Iβ, Eγ, Iγ, $\beta\gamma$-coin, $\gamma\gamma$-coin; deduced E, J, π; calculated E, J, π, Eγ, Iγ using sd-shell model space with USDB interactions; deduced neutron emission probability. Results on CD only. CONF E.Lansing (NS2008),P11,Sumithrarachchi
	2009RAZW	NUCLEAR REACTIONS ^{2}H(^{20}O, p), (^{20}O, t), (^{26}Ne, p), (^{26}Ne, t), E=10 MeV / nucleon; measured heavy fragments, Ep, Ip, Et, It, Eγ, Iγ; deduced excitation energy spectra, level scheme, energies, angular momenta, spectroscopic factors, shell closure data. REPT IPNO-T-09-07,Ramus
	2010BE23	NUCLEAR REACTIONS ^{2}H(^{20}O, ^{19}O), E=11 MeV / nucleon; measured Eγ, Iγ, E(particle), I(particle), (particle)γ-coin. ^{19}O deduced low-lying levels, J, π, spectroscopic factor. ^{1}H(^{14}O, ^{12}O), E=51 MeV / nucleon; measured E(particle), I(particle), excitation energy spectra, $\sigma(\theta)$; deduced levels, J, π; calculated $\sigma(\theta)$ using DWBA. MUST2, TIARA and EXOGAM detector arrays and VAMOS spectrometer. Secondary radioactive beams. JOUR NUPAB 834 446c
	2010CAZY	NUCLEAR REACTIONS ^{19}F(^{7}Li, ^{7}Be), E=52.2 MeV; measured E(particle), I(particle, θ); deduced d$\sigma(\theta)$. Preliminary. CONF Varenna (Nucl Reaction Mechanisms),Proc,Vol.1,P181
^{19}Ne	2010EL05	NUCLEAR REACTIONS ^{181}Ta(^{40}Ar, X)^{16}Ne / ^{17}Ne / ^{18}Ne / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / E=63 MeV / nucleon; measured yields. JOUR PRVCA 82 027305
^{19}Mg	2008VOZU	RADIOACTIVITY ^{19}Mg(2p)[from ^{24}Mg on ^{9}Be target]; measured E(particle), I(particle), (particle)(particle)-coin. Preliminary. Abstract is on other paper, not contained on CD. Results on CD only. CONF E.Lansing (NS2008),P190,Voss
	2009MU17	NUCLEAR REACTIONS ^{9}Be(^{20}Mg, X)^{19}Mg, E=450 MeV / nucleon; ^{9}Be(^{17}Ne, X)^{16}Ne, E=410 MeV / nucleon; measured p-spectra, particle-spectra, p(particle)-coin, angular distributions / correlations. ^{19}Mg, ^{16}Ne; deduced 2p $T_{1/2}$. Comparison with model calculations. Secondary radioactive beam. JOUR ZAANE 42 421
	2009MU17	RADIOACTIVITY ^{16}Ne, ^{19}Mg(2p), ^{15}F(p) [from ^{9}Be(^{17}Ne, ^{16}Ne), E=410 MeV / nucleon and ^{9}Be(^{20}Mg, ^{19}Mg), E=450 MeV / nucleon]; measured p-spectra, particle-spectra, p(particle)-coin, angular distributions / correlations; deduced $T_{1/2}$. Comparison with model calculations. Secondary radioactive beam. JOUR ZAANE 42 421

A=20

^{20}C	2009AOZZ	NUCLEAR REACTIONS ^{9}Be(^{48}Ca, X), E=345 MeV / nucleon. ^{20,22}C, ^{29,30,31,32}Ne, ^{40,42}Si measured yields. Comparison with EPAX2 calculations. CONF Dub(Nucl Struct and Dynamics,09) Proc,P76
	2010TA04	NUCLEAR REACTIONS ^{1}H(^{19}C, ^{19}C'), (^{20}C, ^{20}C'), (^{22}C, ^{22}C'), E=40 MeV / nucleon; measured reaction products; ^{19,20,22}C; deduced σ, rms matter radii, neutron halo. Secondary beams from ^{40}Ar fragmentation. JOUR PRLTA 104 062701
^{20}N	2008SOZT	RADIOACTIVITY ^{20}N; ^{22}N; measured Eγ, Iγ, $\gamma\gamma$-coin; deduced E, J; calculated E, J, π using shell model with WBT, WBTM interactions. REPT ATOMKI 2008 Annual,P21,Sohler
	2008SUZN	RADIOACTIVITY ^{19}N(β^-); ^{20}N(β^-); ^{22}N(β^-); measured Iβ, Eγ, Iγ(t), $\beta\gamma$-coin, , β-delayed En, In(θ, t); deduced B(GT) distribution, ^{22}O new negative parity states; ^{23}O(β^-); measured Eβ, Iβ, Eγ, Iγ, $\beta\gamma$-coin, $\gamma\gamma$-coin; deduced E, J, π; calculated E, J, π, Eγ, Iγ using sd-shell model space with USDB interactions; deduced neutron emission probability. Results on CD only. CONF E.Lansing (NS2008),P11,Sumithrarachchi
	2009LI51	RADIOACTIVITY ^{21}N(β^-), (β^-n) [from ^{9}Be(^{26}Mg, X), E=68.8 MeV]; measured Eγ, Iγ, Eβ, Iβ, En, In, βn-, $\beta\gamma$-, $\beta\gamma$n-coin, half-lives and. delayed-neutron emission probabilities. ^{20,21}O; deduced levels, J, π, branching ratios, logft values and B(GT). Comparison with shell model calculations. ^{20,21}F, ^{20,21}O(β^-); measured Eγ. JOUR PRVCA 80 054315
	2009LI51	NUCLEAR REACTIONS ^{9}Be(^{26}Mg, X), E=68.8 MeV; measured isotopic yields. ^{6}He, ^{7,8,9}Li, ^{9,10,11,12}Be, ^{12,13,14,15,17}B, ^{15,16,17,18,19}C, ^{19,20,21}N, ^{22,23}O; measured yields. JOUR PRVCA 80 054315
^{20}O	2008SUZN	RADIOACTIVITY ^{19}N(β^-); ^{20}N(β^-); ^{22}N(β^-); measured Iβ, Eγ, Iγ(t), $\beta\gamma$-coin, , β-delayed En, In(θ, t); deduced B(GT) distribution, ^{22}O new negative parity states; ^{23}O(β^-); measured Eβ, Iβ, Eγ, Iγ, $\beta\gamma$-coin, $\gamma\gamma$-coin; deduced E, J, π; calculated E, J, π, Eγ, Iγ using sd-shell model space with USDB interactions; deduced neutron emission probability. Results on CD only. CONF E.Lansing (NS2008),P11,Sumithrarachchi
	2009LI51	RADIOACTIVITY ^{21}N(β^-), (β^-n) [from ^{9}Be(^{26}Mg, X), E=68.8 MeV]; measured Eγ, Iγ, Eβ, Iβ, En, In, βn-, $\beta\gamma$-, $\beta\gamma$n-coin, half-lives and. delayed-neutron emission probabilities. ^{20,21}O; deduced levels, J, π, branching ratios, logft values and B(GT). Comparison with shell model calculations. ^{20,21}F, ^{20,21}O(β^-); measured Eγ. JOUR PRVCA 80 054315
	2009VOZX	NUCLEAR REACTIONS ^{12,14}C(^{7}Li, p), E=44 MeV; measured Ep, Ip(θ).^{18,20}O deduced rotational, cluster, molecular bands. CONF Dub(Nucl Struct and Dynamics,09) Proc,P19
	2010SU03	RADIOACTIVITY ^{22}N(β^-), (β^-n), (β^-2n)[from Be(^{48}Ca, X), E=140 MeV / nucleon]; measured Eγ, Iγ, Eβ, Iβ, Eν, Iν, $\beta\gamma$-coin, half-lives, branching ratios; deduced logft. ^{20,21,22}O; deduced levels, J, π, B(GT) values. Comparison with shell model calculations. Discussed halo structure and shell closure. JOUR PRVCA 81 014302

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

^{20}F	2009LI51	RADIOACTIVITY ^{21}N(β^-), (β^-n) [from ^{9}Be(^{26}Mg, X), E=68.8 MeV]; measured Eγ, Iγ, Eβ, Iβ, En, In, βn-, $\beta\gamma$-, $\beta\gamma$n-coin, half-lives and. delayed-neutron emission probabilities. ^{20,21}O; deduced levels, J, π, branching ratios, logft values and B(GT). Comparison with shell model calculations. ^{20,21}F, ^{20,21}O(β^-); measured Eγ. JOUR PRVCA 80 054315
^{20}Ne	2009LI51	RADIOACTIVITY ^{21}N(β^-), (β^-n) [from ^{9}Be(^{26}Mg, X), E=68.8 MeV]; measured Eγ, Iγ, Eβ, Iβ, En, In, βn-, $\beta\gamma$-, $\beta\gamma$n-coin, half-lives and. delayed-neutron emission probabilities. ^{20,21}O; deduced levels, J, π, branching ratios, logft values and B(GT). Comparison with shell model calculations. ^{20,21}F, ^{20,21}O(β^-); measured Eγ. JOUR PRVCA 80 054315
	2010CO12	NUCLEAR REACTIONS ^{16}O(α, γ), E=2.5 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, Eα, Iα. ^{20}Ne; deduced levels, J, π, resonances, width, yields, branching ratios, S factors, reaction rates. R-matrix analysis. JOUR PRVCA 82 035802
	2010EL05	NUCLEAR REACTIONS ^{181}Ta(^{40}Ar, X)^{16}Ne / ^{17}Ne / ^{18}Ne / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / E=63 MeV / nucleon; measured yields. JOUR PRVCA 82 027305
	2010TA05	NUCLEAR REACTIONS ^{2}H(^{15}N, p)^{15}N / ^{16}N / ^{16}O / ^{20}Ne, E=82 MeV; measured fragment yields. JOUR PRVCA 81 045809
	2010ZH15	RADIOACTIVITY ^{23}Al, ^{22}Mg(2p) [from ^{12}C(^{23}Al, X), (^{22}Mg, X), (^{21}Na, X), (^{20}Ne, X), E=60-70 MeV / nucleon]; measured decay products; deduced trajectories, di-proton emission. JOUR IMPEE 19 957
^{20}Na	2009SC28	NUCLEAR REACTIONS Ti(^{20}Na, ^{20}Na'), (^{21}Na, ^{21}Na'), E=1.7 MeV / nucleon; ^{20,21}Na, ^{48}Ti; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin, angular correlations and γ-ray yield; deduced B(E2), levels, J, π, mixing ratios, transition matrix elements. Tigress and Bambino arrays at TRIUMF-ISAC facility. GOSIA analysis of Coulomb excitation data. Comparisons with shell-model calculations using the USD, USDB and p-sd effective interactions employing OXBASH shell-model code. JOUR ZAANE 42 477
	2010WR01	NUCLEAR REACTIONS ^{20}Ne, ^{24}Mg, ^{28}Si, ^{32}S, ^{36}Ar(^{3}He, t), E=32 MeV; measured triton spectra using Q3D magnetic spectrograph; deduced levels, Q values, mass excesses. JOUR PRVCA 81 055503
	2010WR01	ATOMIC MASSES ^{20}Na, ^{24}Al, ^{28}P, ^{32}Cl; measured mass excesses using (^{3}He, t) reaction. ^{36}Ar(^{3}He, t)^{36}K used for calibration. Comparison with AME-2003. JOUR PRVCA 81 055503
	2010WR02	NUCLEAR REACTIONS ^{20}Ne, ^{24}Mg, ^{28}Si, ^{32}S, ^{36}Ar(^{3}He, t), E=32 MeV; measured E(t), I(t); deduced levels and resonances. ^{19}Ne, ^{23}Mg, ^{27}Si, ^{31}S, ^{35}Ar(p, γ); deduced improved thermonuclear reaction rates. ^{36}Cl, ^{36}Ar, ^{36}K; analyzed A=36, T=1 triplet states. Comparison with previous experiments. JOUR PRVCA 82 035805

A=21

^{21}N	2009LI51	RADIOACTIVITY ^{21}N(β^-), (β^-n) [from ^{9}Be(^{26}Mg, X), E=68.8 MeV]; measured Eγ, Iγ, Eβ, Iβ, En, In, βn-, $\beta\gamma$-, $\beta\gamma$n-coin, half-lives and. delayed-neutron emission probabilities. ^{20,21}O; deduced levels, J, π, branching ratios, logft values and B(GT). Comparison with shell model calculations. ^{20,21}F, ^{20,21}O(β^-); measured Eγ. JOUR PRVCA 80 054315
	2009LI51	NUCLEAR REACTIONS ^{9}Be(^{26}Mg, X), E=68.8 MeV; measured isotopic yields. ^{6}He, ^{7,8,9}Li, ^{9,10,11,12}Be, ^{12,13,14,15,17}B, ^{15,16,17,18,19}C, ^{19,20,21}N, ^{22,23}O; measured yields. JOUR PRVCA 80 054315
	2010EL05	NUCLEAR REACTIONS ^{1}H(^{21}N, ^{21}N'), (^{21}N, X), E=52.0 MeV; ^{208}Pb(^{21}N, ^{21}N'), (^{21}N, X), E=48.1 MeV, [secondary ^{21}N beam from ^{181}Ta(^{40}Ar, X), E=63 MeV / nucleon primary reaction]; measured particle spectra, Eγ, Iγ, $\gamma\gamma$-coin, cross sections. ^{19,21}N; deduced levels, B(E2). GEANT4 simulation of γ-ray spectra. JOUR PRVCA 82 027305
	2010EL05	NUCLEAR REACTIONS ^{181}Ta(^{40}Ar, X)^{16}Ne / ^{17}Ne / ^{18}Ne / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / E=63 MeV / nucleon; measured yields. JOUR PRVCA 82 027305
^{21}O	2009LI51	RADIOACTIVITY ^{21}N(β^-), (β^-n) [from ^{9}Be(^{26}Mg, X), E=68.8 MeV]; measured Eγ, Iγ, Eβ, Iβ, En, In, βn-, $\beta\gamma$-, $\beta\gamma$n-coin, half-lives and. delayed-neutron emission probabilities. ^{20,21}O; deduced levels, J, π, branching ratios, logft values and B(GT). Comparison with shell model calculations. ^{20,21}F, ^{20,21}O(β^-); measured Eγ. JOUR PRVCA 80 054315
	2009NOZY	RADIOACTIVITY ^{24}O(β^-), (n); measured Z(particle), A(particle) using in-flight fragment separator. ^{23}O deduced spectroscopic factors, σ(parallel, p); calculated σ(parallel, p) using eikonal model. ^{21,22,23,24}O(β^-); measured 1n removal σ, FWHM. Compared to other data. CONF Dub(Nucl Struct and Dynamics,09) Proc,P90
	2009RAZW	NUCLEAR REACTIONS ^{2}H(^{20}O, p), (^{20}O, t), (^{26}Ne, p), (^{26}Ne, t), E=10 MeV / nucleon; measured heavy fragments, Ep, Ip, Et, It, Eγ, Iγ; deduced excitation energy spectra, level scheme, energies, angular momenta, spectroscopic factors, shell closure data. REPT IPNO-T-09-07,Ramus
	2010SU03	RADIOACTIVITY ^{22}N(β^-), (β^-n), (β^-2n)[from Be(^{48}Ca, X), E=140 MeV / nucleon]; measured Eγ, Iγ, Eβ, Iβ, Eν, Iν, $\beta\gamma$-coin, half-lives, branching ratios; deduced logft. ^{20,21,22}O; deduced levels, J, π, B(GT) values. Comparison with shell model calculations. Discussed halo structure and shell closure. JOUR PRVCA 81 014302
^{21}F	2008YOZV	RADIOACTIVITY ^{21}Mg;^{21}F;^{71}Cu;^{72}Cu; measured β asymmetry using laser spectroscopy; deduced ground state μ, quadrupole moment, spin. Results on CD only. CONF E.Lansing (NS2008),P63,Yordanov
	2009LI51	RADIOACTIVITY ^{21}N(β^-), (β^-n) [from ^{9}Be(^{26}Mg, X), E=68.8 MeV]; measured Eγ, Iγ, Eβ, Iβ, En, In, βn-, $\beta\gamma$-, $\beta\gamma$n-coin, half-lives and. delayed-neutron emission probabilities. ^{20,21}O; deduced levels, J, π, branching ratios, logft values and B(GT). Comparison with shell model calculations. ^{20,21}F, ^{20,21}O(β^-); measured Eγ. JOUR PRVCA 80 054315

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

	2009NOZY	RADIOACTIVITY ^{24}O(β^-), (n); measured Z(particle), A(particle) using in-flight fragment separator. ^{23}O deduced spectroscopic factors, σ(parallel, p); calculated σ(parallel, p) using eikonal model. ^{21,22,23,24}O(β^-); measured 1n removal σ, FWHM. Compared to other data. CONF Dub(Nucl Struct and Dynamics,09) Proc,P90
^{21}Ne	2009ACZZ	RADIOACTIVITY ^{21}Na(β^+); measured Eγ, Iγ; deduced σ(GT) / σ. CONF Cologne (Capture Gamma-Ray Spectroscopy) Proc,P362,Achouri
	2009LI51	RADIOACTIVITY ^{21}N(β^-), (β^-n) [from ^{9}Be(^{26}Mg, X), E=68.8 MeV]; measured Eγ, Iγ, Eβ, Iβ, En, In, βn-, $\beta\gamma$-, $\beta\gamma$n-coin, half-lives and. delayed-neutron emission probabilities. ^{20,21}O; deduced levels, J, π, branching ratios, logft values and B(GT). Comparison with shell model calculations. ^{20,21}F, ^{20,21}O(β^-); measured Eγ. JOUR PRVCA 80 054315
	2010AC01	RADIOACTIVITY ^{21}Na(β^+) [from ^{1}H(^{21}Ne, n), E=30 Mev / nucleon]; measured TOF, Eγ, Iγ; deduced Gamow-Teller branching ratios. JOUR JPGPE 37 045103
	2010EL05	NUCLEAR REACTIONS ^{181}Ta(^{40}Ar, X)^{16}Ne / ^{17}Ne / ^{18}Ne / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / E=63 MeV / nucleon; measured yields. JOUR PRVCA 82 027305
	2010FR04	NUCLEAR REACTIONS ^{12}C(^{13}C, α)^{21}Ne, E=20 MeV; measured reaction products, Eα, Iα; ^{21}Ne deduced excitation energy spectrum, J, π, strengths, neutron decay mode. Comparison with compilations. JOUR JPGPE 37 125102
	2010WI07	RADIOACTIVITY ^{21}Na, ^{213}Ra(EC), ^{225}Ra(β^-), ^{213}Ra(α); measured recoiling ion in coincidence with β-particle, hfs; deduced correlation parameters, hyperfine splitting, transition fluorescence. JOUR PRAMC 75 163
^{21}Na	2009ACZZ	RADIOACTIVITY ^{21}Na(β^+); measured Eγ, Iγ; deduced σ(GT) / σ. CONF Cologne (Capture Gamma-Ray Spectroscopy) Proc,P362,Achouri
	2009MA68	NUCLEAR REACTIONS ^{24}Mg(p, t), E=98.7 MeV; measured E(t), I(t), $\sigma(\theta)$ using Grand-Raiden spectrometer at RCNP facility. ^{22}Mg; deduced levels, J, π, S$_\alpha$, proton resonances. DWBA and R-matrix analyses. Comparison of level systematics with mirror nucleus ^{22}Ne. ^{18}Ne(α, p)^{21}Na; deduced stellar reaction rates. JOUR PRVCA 80 055804
	2009SC28	NUCLEAR REACTIONS Ti(^{20}Na, ^{20}Na'), (^{21}Na, ^{21}Na'), E=1.7 MeV / nucleon; ^{20,21}Na, ^{48}Ti; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin, angular correlations and γ-ray yield; deduced B(E2), levels, J, π, mixing ratios, transition matrix elements. Tigress and Bambino arrays at TRIUMF-ISAC facility. GOSIA analysis of Coulomb excitation data. Comparisons with shell-model calculations using the USD, USDB and p-sd effective interactions employing OXBASH shell-model code. JOUR ZAANE 42 477
	2010AC01	RADIOACTIVITY ^{21}Na(β^+) [from ^{1}H(^{21}Ne, n), E=30 Mev / nucleon]; measured TOF, Eγ, Iγ; deduced Gamow-Teller branching ratios. JOUR JPGPE 37 045103

A=21 *(continued)*

	2010WI07	RADIOACTIVITY ^{21}Na, ^{213}Ra(EC), ^{225}Ra(β^-), ^{213}Ra(α); measured recoiling ion in coincidence with β-particle, hfs; deduced correlation parameters, hyperfine splitting, transition fluorescence. JOUR PRAMC 75 163
	2010ZH15	RADIOACTIVITY ^{23}Al, ^{22}Mg(2p) [from ^{12}C(^{23}Al, X), (^{22}Mg, X), (^{21}Na, X), (^{20}Ne, X), E=60-70 MeV / nucleon]; measured decay products; deduced trajectories, di-proton emission. JOUR IMPEE 19 957
^{21}Mg	2008YOZV	RADIOACTIVITY ^{21}Mg;^{21}F;^{71}Cu;^{72}Cu; measured β asymmetry using laser spectroscopy; deduced ground state μ, quadrupole moment, spin. Results on CD only. CONF E.Lansing (NS2008),P63,Yordanov

A=22

^{22}C	2009AOZZ	NUCLEAR REACTIONS ^{9}Be(^{48}Ca, X), E=345 MeV / nucleon. ^{20,22}C, ^{29,30,31,32}Ne, ^{40,42}Si measured yields. Comparison with EPAX2 calculations. CONF Dub(Nucl Struct and Dynamics,09) Proc,P76
	2010TA04	NUCLEAR REACTIONS ^{1}H(^{19}C, ^{19}C'), (^{20}C, ^{20}C'), (^{22}C, ^{22}C'), E=40 MeV / nucleon; measured reaction products; ^{19,20,22}C; deduced σ, rms matter radii, neutron halo. Secondary beams from ^{40}Ar fragmentation. JOUR PRLTA 104 062701
^{22}N	2008SOZT	RADIOACTIVITY ^{20}N; ^{22}N; measured Eγ, Iγ, $\gamma\gamma$-coin; deduced E, J; calculated E, J, π using shell model with WBT, WBTM interactions. REPT ATOMKI 2008 Annual,P21,Sohler
	2008SUZN	RADIOACTIVITY ^{19}N(β^-); ^{20}N(β^-); ^{22}N(β^-); measured Iβ, Eγ, Iγ(t), $\beta\gamma$-coin, , β-delayed En, In(θ, t); deduced B(GT) distribution, ^{22}O new negative parity states; ^{23}O(β^-); measured Eβ, Iβ, Eγ, Iγ, $\beta\gamma$-coin, $\gamma\gamma$-coin; deduced E, J, π; calculated E, J, π, Eγ, Iγ using sd-shell model space with USDB interactions; deduced neutron emission probability. Results on CD only. CONF E.Lansing (NS2008),P11,Sumithrarachchi
	2010SU03	RADIOACTIVITY ^{22}N(β^-), (β^-n), (β^-2n)[from Be(^{48}Ca, X), E=140 MeV / nucleon]; measured Eγ, Iγ, Eβ, Iβ, Eν, Iν, $\beta\gamma$-coin, half-lives, branching ratios; deduced logft. ^{20,21,22}O; deduced levels, J, π, B(GT) values. Comparison with shell model calculations. Discussed halo structure and shell closure. JOUR PRVCA 81 014302
^{22}O	2008SUZN	RADIOACTIVITY ^{19}N(β^-); ^{20}N(β^-); ^{22}N(β^-); measured Iβ, Eγ, Iγ(t), $\beta\gamma$-coin, , β-delayed En, In(θ, t); deduced B(GT) distribution, ^{22}O new negative parity states; ^{23}O(β^-); measured Eβ, Iβ, Eγ, Iγ, $\beta\gamma$-coin, $\gamma\gamma$-coin; deduced E, J, π; calculated E, J, π, Eγ, Iγ using sd-shell model space with USDB interactions; deduced neutron emission probability. Results on CD only. CONF E.Lansing (NS2008),P11,Sumithrarachchi
	2009LI51	NUCLEAR REACTIONS ^{9}Be(^{26}Mg, X), E=68.8 MeV; measured isotopic yields. ^{6}He, ^{7,8,9}Li, ^{9,10,11,12}Be, ^{12,13,14,15,17}B, ^{15,16,17,18,19}C, ^{19,20,21}N, ^{22,23}O; measured yields. JOUR PRVCA 80 054315

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

	2009NOZY	RADIOACTIVITY ^{24}O(β^-), (n); measured Z(particle), A(particle) using in-flight fragment separator. ^{23}O deduced spectroscopic factors, σ(parallel, p); calculated σ(parallel, p) using eikonal model. ^{21,22,23,24}O(β^-); measured 1n removal σ, FWHM. Compared to other data. CONF Dub(Nucl Struct and Dynamics,09) Proc,P90
	2010SU03	RADIOACTIVITY ^{22}N(β^-), (β^-n), (β^-2n)[from Be(^{48}Ca, X), E=140 MeV / nucleon]; measured Eγ, Iγ, Eβ, Iβ, Eν, Iν, $\beta\gamma$-coin, half-lives, branching ratios; deduced logft. ^{20,21,22}O; deduced levels, J, π, B(GT) values. Comparison with shell model calculations. Discussed halo structure and shell closure. JOUR PRVCA 81 014302
^{22}F	2008MIZM	RADIOACTIVITY ^{22}F(β^-); measured Eβ, Iβ using NMR; deduced μ, quadrupole moment. Abstract only. CONF E.Lansing (NS2008),P140,Mihara
	2008OHZS	RADIOACTIVITY ^{22}F(β^-), ^{24m}Al(β^+), ^{28}P(β^+)[from charge-exchange in intermediate energy heavy-ion reactions]; measured polarization. Abstract only. CONF E.Lansing (NS2008),P157,Ohtsubo
	2009NOZY	RADIOACTIVITY ^{24}O(β^-), (n); measured Z(particle), A(particle) using in-flight fragment separator. ^{23}O deduced spectroscopic factors, σ(parallel, p); calculated σ(parallel, p) using eikonal model. ^{21,22,23,24}O(β^-); measured 1n removal σ, FWHM. Compared to other data. CONF Dub(Nucl Struct and Dynamics,09) Proc,P90
	2010MI13	RADIOACTIVITY ^{22}F(β^-) [from ^{9}Be(^{22}Ne, X), E=100 MeV / nucleon]; measured polarized ^{22}F β-NMR, NQR spectra, momentum distribution; deduced electric quadrupole moment, μ. JOUR NUPAB 834 75c
^{22}Ne	2008MIZM	RADIOACTIVITY ^{22}F(β^-); measured Eβ, Iβ using NMR; deduced μ, quadrupole moment. Abstract only. CONF E.Lansing (NS2008),P140,Mihara
	2008OHZS	RADIOACTIVITY ^{22}F(β^-), ^{24m}Al(β^+), ^{28}P(β^+)[from charge-exchange in intermediate energy heavy-ion reactions]; measured polarization. Abstract only. CONF E.Lansing (NS2008),P157,Ohtsubo
	2009ON02	NUCLEAR REACTIONS ^{9}Be(^{16}C, ^{16}C'), (^{18}C, ^{18}C'), E=72.79 MeV / nucleon; ^{16,18}C; measured measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives using the upgraded recoil shadow method; deduced mean lifetime, B(E2), hinderance of transition strength, proton-shell closure. ^{22}Ne secondary beams. JOUR ZAANE 42 393
	2010EL05	NUCLEAR REACTIONS ^{181}Ta(^{40}Ar, X)^{16}Ne / ^{17}Ne / ^{18}Ne / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / E=63 MeV / nucleon; measured yields. JOUR PRVCA 82 027305
	2010MI13	RADIOACTIVITY ^{22}F(β^-) [from ^{9}Be(^{22}Ne, X), E=100 MeV / nucleon]; measured polarized ^{22}F β-NMR, NQR spectra, momentum distribution; deduced electric quadrupole moment, μ. JOUR NUPAB 834 75c
	2010TOZZ	NUCLEAR REACTIONS ^{14}C(^{12}C, α), E(^{12}C)=44 MeV; measured Eα, Iα, $\alpha\alpha$-coin. ^{22}Ne; deduced levels, J, π, rotational structure. No detail of experiment was done. CONF St.-Petersburg,P105,Torilov
^{22}Na	2010AC01	RADIOACTIVITY ^{22}Mg(EC); measured TOF, Eγ, Iγ; deduced Gamow-Teller branching ratios. JOUR JPGPE 37 045103

A=22 *(continued)*

	2010CH46	NUCLEAR REACTIONS ^{24}Mg(p, ^{3}He), E=41, 41.5 MeV; measured E(^{3}He), I(^{3}He), $\sigma(\theta)$, differential σ ^{22}Na; deduced levels, J, π, l-transfers. Distorted-wave Born approximation (DWBA) analysis of s(θ) data. JOUR PRVCA 82 047302
	2011TA02	NUCLEAR REACTIONS ^{27}Al(d, X)^{22}Na / ^{24}Na, Ti(d, X)^{48}V, In(d, X)^{113}Sn / ^{111}In / ^{113}In / ^{114}In / / ^{115}In / ^{116}In / ^{111}Cd / ^{115}Cd, E<40 MeV; measured Eγ, Iγ; deduced thick target yields, σ. Comparison with experimetal data, ALICE-D and EMPIRE-D codes. JOUR ARISE 69 26
^{22}Mg	2009MA68	NUCLEAR REACTIONS ^{24}Mg(p, t), E=98.7 MeV; measured E(t), I(t), $\sigma(\theta)$ using Grand-Raiden spectrometer at RCNP facility. ^{22}Mg; deduced levels, J, π, S_α, proton resonances. DWBA and R-matrix analyses. Comparison of level systematics with mirror nucleus ^{22}Ne. ^{18}Ne(α, p)^{21}Na; deduced stellar reaction rates. JOUR PRVCA 80 055804
	2010AC01	RADIOACTIVITY ^{22}Mg(EC); measured TOF, Eγ, Iγ; deduced Gamow-Teller branching ratios. JOUR JPGPE 37 045103
	2010ZH15	RADIOACTIVITY ^{23}Al, ^{22}Mg(2p) [from ^{12}C(^{23}Al, X), (^{22}Mg, X), (^{21}Na, X), (^{20}Ne, X), E=60-70 MeV / nucleon]; measured decay products; deduced trajectories, di-proton emission. JOUR IMPEE 19 957

A=23

^{23}O	2008FRZY	NUCLEAR REACTIONS ^{9}Be(^{26}Ne, 2pX)^{23}O / ^{24}O, E=86 MeV / nucleon; measured reaction products; ^{23}O deduced energy levels, J, π for unbound states. Two-proton knockout reactions. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P23,Frank
	2008SUZN	RADIOACTIVITY ^{19}N(β^-); ^{20}N(β^-); ^{22}N(β^-); measured Iβ, Eγ, Iγ(t), $\beta\gamma$-coin, , β-delayed En, In(θ, t); deduced B(GT) distribution, ^{22}O new negative parity states; ^{23}O(β^-); measured Eβ, Iβ, Eγ, Iγ, $\beta\gamma$-coin, $\gamma\gamma$-coin; deduced E, J, π; calculated E, J, π, Eγ, Iγ using sd-shell model space with USDB interactions; deduced neutron emission probability. Results on CD only. CONF E.Lansing (NS2008),P11,Sumithrarachchi
	2009LI51	NUCLEAR REACTIONS ^{9}Be(^{26}Mg, X), E=68.8 MeV; measured isotopic yields. ^{6}He, ^{7,8,9}Li, ^{9,10,11,12}Be, ^{12,13,14,15,17}B, ^{15,16,17,18,19}C, ^{19,20,21}N, ^{22,23}O; measured yields. JOUR PRVCA 80 054315
	2009NOZY	RADIOACTIVITY ^{24}O(β^-), (n); measured Z(particle), A(particle) using in-flight fragment separator. ^{23}O deduced spectroscopic factors, σ(parallel, p); calculated σ(parallel, p) using eikonal model. ^{21,22,23,24}O(β^-); measured 1n removal σ, FWHM. Compared to other data. CONF Dub(Nucl Struct and Dynamics,09) Proc,P90

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

^{23}F	2008SUZN	RADIOACTIVITY ^{19}N(β^-); ^{20}N(β^-); ^{22}N(β^-); measured Iβ, Eγ, Iγ(t), $\beta\gamma$-coin, , β-delayed En, In(θ, t); deduced B(GT) distribution, ^{22}O new negative parity states; ^{23}O(β^-); measured Eβ, Iβ, Eγ, Iγ, $\beta\gamma$-coin, $\gamma\gamma$-coin; deduced E, J, π; calculated E, J, π, Eγ, Iγ using sd-shell model space with USDB interactions; deduced neutron emission probability. Results on CD only. CONF E.Lansing (NS2008),P11,Sumithrarachchi
	2009NOZY	RADIOACTIVITY ^{24}O(β^-), (n); measured Z(particle), A(particle) using in-flight fragment separator. ^{23}O deduced spectroscopic factors, σ(parallel, p); calculated σ(parallel, p) using eikonal model. ^{21,22,23,24}O(β^-); measured 1n removal σ, FWHM. Compared to other data. CONF Dub(Nucl Struct and Dynamics,09) Proc,P90
^{23}Ne	2008MAZE	RADIOACTIVITY ^{23}Al(EC), ^{23}Ne(β^-), ^{24m}Al(IT), (EC), ^{28}P(EC), ^{28}Al(β^-); measured μ, g-factor, log ft; calculated particle and spin decomposition. Results on CD only. CONF E.Lansing (NS2008),P137,Matsuta
	2009BEZQ	NUCLEAR REACTIONS ^{22}Ne(n, γ), E=thermal; measured Eγ, Iγ; deduced σ, σ(Eγ). CONF Cologne (Capture Gamma-Ray Spectroscopy) Proc,P367,Belgya
^{23}Na	2008MAZE	RADIOACTIVITY ^{23}Al(EC), ^{23}Ne(β^-), ^{24m}Al(IT), (EC), ^{28}P(EC), ^{28}Al(β^-); measured μ, g-factor, log ft; calculated particle and spin decomposition. Results on CD only. CONF E.Lansing (NS2008),P137,Matsuta
	2010LO05	NUCLEAR REACTIONS ^{22}Ne, ^{27}Al(p, γ), E=400-505 keV; measured Eγ, Iγ, yields and resonance strengths. Comparison with previous data. Relevance to of resonance strengths in the ^{22}Ne(p, γ)^{23}Na hydrogen-burning reaction and in the ^{22}Ne(α, γ) s-process neutron-source reactions. JOUR PRVCA 81 055804
^{23}Mg	2008MAZE	RADIOACTIVITY ^{23}Al(EC), ^{23}Ne(β^-), ^{24m}Al(IT), (EC), ^{28}P(EC), ^{28}Al(β^-); measured μ, g-factor, log ft; calculated particle and spin decomposition. Results on CD only. CONF E.Lansing (NS2008),P137,Matsuta
	2009IC06	RADIOACTIVITY ^{24}Si(β^+), (β^+p) [from ^{9}Be, Ni(^{28}Si, X), E=100 MeV / nucleon]; measured Eγ, Iγ, Ep, Ip, $\beta\gamma$-, $\gamma\gamma$-coin, $T_{1/2}$ at RIKEN RIPS facility. ^{24}Al, ^{23}Mg; deduced levels, J, π, branching ratios, emission probabilities. JOUR ZAANE 42 375
	2010FUZZ	NUCLEAR REACTIONS ^{9}Be, ^{23}Na, ^{25}Mg, ^{42}Ca, ^{46}Ti, ^{50}Cr, ^{54}Fe, ^{58}Ni, ^{118}Sn(^{3}He, t), E=140 MeV / nucleon; measured Eγ, Iγ, reaction products; deduced dσ(E); GT strength. CONF Varenna (Nucl Reaction Mechanisms),Proc,Vol.1,P39
	2010SA26	NUCLEAR REACTIONS ^{22}Na(p, γ), E not given; measured Eγ, Iγ; deduced proton resonances energies and strengths, σ, reaction rates. JOUR PRLTA 105 152501
^{23}Al	2008MAZE	RADIOACTIVITY ^{23}Al(EC), ^{23}Ne(β^-), ^{24m}Al(IT), (EC), ^{28}P(EC), ^{28}Al(β^-); measured μ, g-factor, log ft; calculated particle and spin decomposition. Results on CD only. CONF E.Lansing (NS2008),P137,Matsuta

A=23 *(continued)*

	2009NAZV	RADIOACTIVITY ^{23}Al[from ^{9}Be+^{24}Mg at 100 MeV / nucleon]; measured β-NMR from polarized source; deduced electric quadrupole moment. REPT RIKEN 2008 Annual,P23,Nagatomo
	2010AL10	NUCLEAR REACTIONS ^{13}C(^{12}C, ^{13}C), (^{12}C, ^{12}C), E=10.6 MeV / nucleon; ^{12}C(^{22}Ne, ^{22}Ne), (^{22}Ne, ^{22}Ne'), ^{13}C(^{22}Ne, ^{22}Ne), (^{22}Ne, ^{23}Ne), E=12 MeV / nucleon; measured particle spectra, σ and $\sigma(\theta)$; deduced optical model parameters and asymptotic normalization coefficients (ANC). ^{22}Mg(p, γ); deduced direct and resonant capture rates, and effect on the depletion of ^{22}Na in O-Ne Novae. JOUR PRVCA 81 035802
	2010ZH15	RADIOACTIVITY ^{23}Al, ^{22}Mg(2p) [from ^{12}C(^{23}Al, X), (^{22}Mg, X), (^{21}Na, X), (^{20}Ne, X), E=60-70 MeV / nucleon]; measured decay products; deduced trajectories, di-proton emission. JOUR IMPEE 19 957

A=24

^{24}O	2008FRZY	NUCLEAR REACTIONS ^{9}Be(^{26}Ne, 2pX)^{23}O / ^{24}O, E=86 MeV / nucleon; measured reaction products; ^{23}O deduced energy levels, J, π for unbound states. Two-proton knockout reactions. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P23,Frank
	2009NOZY	RADIOACTIVITY ^{24}O(β^-), (n); measured Z(particle), A(particle) using in-flight fragment separator. ^{23}O deduced spectroscopic factors, σ(parallel, p); calculated σ(parallel, p) using eikonal model. ^{21,22,23,24}O(β^-); measured 1n removal σ, FWHM. Compared to other data. CONF Dub(Nucl Struct and Dynamics,09) Proc,P90
^{24}F	2009NOZY	RADIOACTIVITY ^{24}O(β^-), (n); measured Z(particle), A(particle) using in-flight fragment separator. ^{23}O deduced spectroscopic factors, σ(parallel, p); calculated σ(parallel, p) using eikonal model. ^{21,22,23,24}O(β^-); measured 1n removal σ, FWHM. Compared to other data. CONF Dub(Nucl Struct and Dynamics,09) Proc,P90
^{24}Ne	2010RO23	NUCLEAR REACTIONS Be(^{14}C, ^{13}C), (^{15}C, ^{14}C), (^{16}C, ^{15}C), (^{17}C, ^{16}C), (^{18}C, ^{17}C), (^{19}C, ^{18}C), (^{16}N, ^{15}N), (^{17}N, ^{16}N), (^{18}N, ^{17}N), (^{19}N, ^{18}N), (^{20}N, ^{19}N), (^{21}N, ^{20}N), (^{22}N, ^{21}N), (^{19}O, ^{18}O), (^{20}O, ^{19}O), (^{21}O, ^{20}O), (^{22}O, ^{21}O), (^{23}O, ^{22}O), (^{21}F, ^{20}F), (^{22}F, ^{21}F), (^{23}F, ^{22}F), (^{24}F, ^{23}F), (^{25}F, ^{24}F), (^{26}F, ^{25}F), (^{24}Ne, ^{23}Ne), (^{25}Ne, ^{24}Ne), (^{26}Ne, ^{25}Ne), (^{27}Ne, ^{26}Ne), (^{28}Ne, ^{27}Ne), (^{27}Na, ^{26}Na), (^{28}Na, ^{27}Na), (^{29}Na, ^{28}Na), (^{30}Na, ^{29}Na), (^{31}Na, ^{30}Na), (^{31}Mg, ^{30}Mg), (^{32}Mg, ^{31}Mg), (^{33}Mg, ^{32}Mg), (^{34}Al, ^{33}Al), (^{35}Al, ^{34}Al), E<700 MeV / nucleon, [secondary beams from Be(^{40}Ar, X), E=700 MeV / nucleon primary reaction]; measured fragment longitudinal-momentum distributions, σ, widths. One-neutron knockout reactions. ^{26}F; possible anomalous structure. ^{24,25,26,27,28}Ne; discussed ground state configurations and relevance to nuclei near the island of inversion. JOUR PRVCA 82 024305

A=24 *(continued)*

^{24}Na	2008BEZI	NUCLEAR REACTIONS ^{27}Al(d, pα), E≈3-22 MeV; ^{27}Al(d, 2p), E≈3-20 MeV; ^{27}Al(d, p), E≈3-20 MeV; ^{63,65}Cu(d, 2n), E≈3-20 MeV; ^{63}Cu(d, p), E≈3-20 MeV; ^{65}Cu(d, 2p), E≈3-20 MeV; ^{65}Cu(d, 3p), E≈3-20 MeV; measured Eγ, Iγ(t); deduced σ, $T_{1/2}$. Compared to EXFOR data and Pade fit of Takacs. CONF Nice (Nucl Data for Sci and Technol) Proc,P1003
	2008MIZT	NUCLEAR REACTIONS ^{23}Na, ^{27}Al(n, γ), E=thermal; measured Eγ, Iγ; deduced γ emission probability. New method suggested, shown to be consistent. CONF Nice (Nucl Data for Sci and Technol) Proc,P451
	2008OCZZ	NUCLEAR REACTIONS ^{27}Al(d, x)^{24}Na, ^{51}V(d, 4n), Fe(d, x)^{54}Mn, Fe(d, x)^{56}Co, Ni(d, x)^{57}Co, Cu(d, x)^{63}Zn, Ta(d, x)^{180}Ta, W(d, x)^{182}Re, ^{197}Au(d, x)^{194}Au, E=25, 35, 41, 50 MeV; Cr(d, x)^{48}V, Cr(d, x)^{52}Mn, ^{55}Mn(d, x)^{54}Mn, Ni(d, x)^{56}Co, E=39.5 MeV; measured Eγ, Iγ; deduced σ; calculated σ using TALYS code. Compared to data, ACSELAM data library; also SS316, F82H alloys activities deduced. CONF Nice (Nucl Data for Sci and Technol) Proc,P1011
	2010KR02	NUCLEAR REACTIONS ^{27}Al, ^{197}Au, ^{59}Co, In, ^{181}Ta(n, γ), (n, α), (n, xn), E=1 GeV; ^{191,192,193,194,196,198}Au, ^{24}Na; measured Eα, Iα, Eγ, Iγ; deduced yields, σ. JOUR NIMAE 615 70
	2010LU01	NUCLEAR REACTIONS ^{152,154,160}Gd, ^{93}Nb(n, 2n), ^{156,157,158}Gd(n, p), ^{27}Al, ^{158}Gd(n, α), E=13.5-14.8 MeV; measured Eγ, Iγ; deduced σ. Compared with available experimental data. JOUR RAACA 98 127
	2010NO04	NUCLEAR REACTIONS ^{12}C(^{13}C, p), E(cm)=2.6-5.0 MeV; measured Eβ, Iβ, Eγ, Iγ, $\beta\gamma$-coin, thick target yield; deduced σ, astrophysical S-factor. Comparison with data and calculations. JOUR NUPAB 834 192c
	2010SZ03	NUCLEAR REACTIONS ^{192}Os(p, n), (p, 3n), (p, 4n), (p, 5n), (p, 6n), Cu(p, n)^{65}Zn, Al(p, X)^{24}Na, Cu(p, X)^{62}Zn E < 66 MeV; measured reaction products, Eγ, Iγ; deduced σ, integral yields. Comparison with model code ALICE / ASH. JOUR NIMBE 268 3306
	2011TA01	NUCLEAR REACTIONS ^{27}Al(d, X)^{24}Na, ^{100}Mo(d, X)^{99}Tc / ^{99}Mo / ^{98}Nb / ^{97}Nb, E<50 MeV; measured Eγ, Iγ; deduced σ and their uncertainties. Comparison with with ALICE-D, EMPIRE-D and TALYS codes. JOUR ARISE 69 18
	2011TA02	NUCLEAR REACTIONS ^{27}Al(d, X)^{22}Na / ^{24}Na, Ti(d, X)^{48}V, In(d, X)^{113}Sn / ^{111}In / ^{113}In / ^{114}In / / ^{115}In / ^{116}In / ^{111}Cd / ^{115}Cd, E<40 MeV; measured Eγ, Iγ; deduced thick target yields, σ. Comparison with experimetal data, ALICE-D and EMPIRE-D codes. JOUR ARISE 69 26
^{24}Mg	2008MAZE	RADIOACTIVITY ^{23}Al(EC), ^{23}Ne(β^-), ^{24m}Al(IT), (EC), ^{28}P(EC), ^{28}Al(β^-); measured μ, g-factor, log ft; calculated particle and spin decomposition. Results on CD only. CONF E.Lansing (NS2008),P137,Matsuta
	2008OHZS	RADIOACTIVITY ^{22}F(β^-), ^{24m}Al(β^+), ^{28}P(β^+)[from charge-exchange in intermediate energy heavy-ion reactions]; measured polarization. Abstract only. CONF E.Lansing (NS2008),P157,Ohtsubo

A=24 *(continued)*

	2008PAZG	NUCLEAR REACTIONS ^{24}Mg(^{90}Zr, ^{90}Zr'), E=2.3 MeV / nucleon; ^{24}Mg(^{92}Mo, ^{92}Mo'), E=2.3 MeV / nucleon; measured Coulomb excitation Eγ, Iγ; ^{27}Al(^{84}Se, ^{84}Se'), E=193.2 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin; deduced B(E2), E, J, π. Compared with Brown's calculations. Results on CD only. CONF E.Lansing (NS2008),P51,Padilla-Rodal
	2009BA59	NUCLEAR REACTIONS ^{1}H(^{7}Be, γ), (^{17}F, γ), (^{24}Mg, γ), E=12 MeV;^{7}Be, ^{17}F, ^{24}Mg; measured reaction products; deduced yields, σ for (p, γ) reactions. JOUR ZAANE 42 457
	2009YO09	NUCLEAR REACTIONS ^{24}Mg(α, α'), E=240 MeV; measured Eα, Iα, $\sigma(\theta)$; deduced strength distributions, widths, EWSR and other parameters for isoscalar E0-GMR, E1-GDR, E2-GQR and E3-GOR giant excitations in 9-60 MeV region, DWBA analysis. JOUR PRVCA 80 064318
^{24}Al	2008MAZE	RADIOACTIVITY ^{23}Al(EC), ^{23}Ne(β^-), ^{24m}Al(IT), (EC), ^{28}P(EC), ^{28}Al(β^-); measured μ, g-factor, log ft; calculated particle and spin decomposition. Results on CD only. CONF E.Lansing (NS2008),P137,Matsuta
	2008OHZS	RADIOACTIVITY ^{22}F(β^-), ^{24m}Al(β^+), ^{28}P(β^+)[from charge-exchange in intermediate energy heavy-ion reactions]; measured polarization. Abstract only. CONF E.Lansing (NS2008),P157,Ohtsubo
	2009IC06	RADIOACTIVITY ^{24}Si(β^+), (β^+p) [from ^{9}Be, Ni(^{28}Si, X), E=100 MeV / nucleon]; measured Eγ, Iγ, Ep, Ip, $\beta\gamma$-, $\gamma\gamma$-coin, $T_{1/2}$ at RIKEN RIPS facility. ^{24}Al, ^{23}Mg; deduced levels, J, π, branching ratios, emission probabilities. JOUR ZAANE 42 375
	2009ICZX	RADIOACTIVITY ^{24}Si(β^+)[from Ni(^{28}Si, X), E=100 MeV / nucleon]; measured Eβ, Iβ, β-delayed Eγ, Iγ, E(particle); deduced B(GT) asymmetry; calculated B(GT). CONF Dub(Nucl Struct and Dynamics,09) Proc,P98
	2010ER02	NUCLEAR REACTIONS ^{23}Mg(p, γ)^{24}Al, E=500 keV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin, (recoil)γ(t), thick target yields, resonance strengths; deduced resonance, reaction rates. DRAGON recoil spectrometer. GEANT3 simulations. JOUR PRVCA 81 045808
	2010WR01	NUCLEAR REACTIONS ^{20}Ne, ^{24}Mg, ^{28}Si, ^{32}S, ^{36}Ar(^{3}He, t), E=32 MeV; measured triton spectra using Q3D magnetic spectrograph; deduced levels, Q values, mass excesses. JOUR PRVCA 81 055503
	2010WR01	ATOMIC MASSES ^{20}Na, ^{24}Al, ^{28}P, ^{32}Cl; measured mass excesses using (^{3}He, t) reaction. ^{36}Ar(^{3}He, t)^{36}K used for calibration. Comparison with AME-2003. JOUR PRVCA 81 055503
	2010WR02	NUCLEAR REACTIONS ^{20}Ne, ^{24}Mg, ^{28}Si, ^{32}S, ^{36}Ar(^{3}He, t), E=32 MeV; measured E(t), I(t); deduced levels and resonances. ^{19}Ne, ^{23}Mg, ^{27}Si, ^{31}S, ^{35}Ar(p, γ); deduced improved thermonuclear reaction rates. ^{36}Cl, ^{36}Ar, ^{36}K; analyzed A=36, T=1 triplet states. Comparison with previous experiments. JOUR PRVCA 82 035805
^{24}Si	2009IC06	RADIOACTIVITY ^{24}Si(β^+), (β^+p) [from ^{9}Be, Ni(^{28}Si, X), E=100 MeV / nucleon]; measured Eγ, Iγ, Ep, Ip, $\beta\gamma$-, $\gamma\gamma$-coin, $T_{1/2}$ at RIKEN RIPS facility. ^{24}Al, ^{23}Mg; deduced levels, J, π, branching ratios, emission probabilities. JOUR ZAANE 42 375

A=24 *(continued)*

	2009ICZX	RADIOACTIVITY ^{24}Si(β^+)[from Ni(^{28}Si, X), E=100 MeV / nucleon]; measured Eβ, Iβ, β-delayed Eγ, Iγ, E(particle); deduced B(GT) asymmetry; calculated B(GT). CONF Dub(Nucl Struct and Dynamics,09) Proc,P98

A=25

^{25}Ne	2009RAZW	NUCLEAR REACTIONS ^{2}H(^{20}O, p), (^{20}O, t), (^{26}Ne, p), (^{26}Ne, t), E=10 MeV / nucleon; measured heavy fragments, Ep, Ip, Et, It, Eγ, Iγ; deduced excitation energy spectra, level scheme, energies, angular momenta, spectroscopic factors, shell closure data. REPT IPNO-T-09-07,Ramus
	2010CA10	NUCLEAR REACTIONS ^{2}H(^{24}Ne, pγ)^{25}Ne, E=10.6 MeV / nucleon; measured neutron transfer reaction products, Eγ, Iγ, p-γ-coin.; deduced $\sigma(\theta)$, level energies, J, π, orbital momentum, level inversion, N=16 shell gap. USD shell model. JOUR PRLTA 104 192501
	2010RO23	NUCLEAR REACTIONS Be(^{14}C, ^{13}C), (^{15}C, ^{14}C), (^{16}C, ^{15}C), (^{17}C, ^{16}C), (^{18}C, ^{17}C), (^{19}C, ^{18}C), (^{16}N, ^{15}N), (^{17}N, ^{16}N), (^{18}N, ^{17}N), (^{19}N, ^{18}N), (^{20}N, ^{19}N), (^{21}N, ^{20}N), (^{22}N, ^{21}N), (^{19}O, ^{18}O), (^{20}O, ^{19}O), (^{21}O, ^{20}O), (^{22}O, ^{21}O), (^{23}O, ^{22}O), (^{21}F, ^{20}F), (^{22}F, ^{21}F), (^{23}F, ^{22}F), (^{24}F, ^{23}F), (^{25}F, ^{24}F), (^{26}F, ^{25}F), (^{24}Ne, ^{23}Ne), (^{25}Ne, ^{24}Ne), (^{26}Ne, ^{25}Ne), (^{27}Ne, ^{26}Ne), (^{28}Ne, ^{27}Ne), (^{27}Na, ^{26}Na), (^{28}Na, ^{27}Na), (^{29}Na, ^{28}Na), (^{30}Na, ^{29}Na), (^{31}Na, ^{30}Na), (^{31}Mg, ^{30}Mg), (^{32}Mg, ^{31}Mg), (^{33}Mg, ^{32}Mg), (^{34}Al, ^{33}Al), (^{35}Al, ^{34}Al), E<700 MeV / nucleon, [secondary beams from Be(^{40}Ar, X), E=700 MeV / nucleon primary reaction]; measured fragment longitudinal-momentum distributions, σ, widths. One-neutron knockout reactions. ^{26}F; possible anomalous structure. ^{24,25,26,27,28}Ne; discussed ground state configurations and relevance to nuclei near the island of inversion. JOUR PRVCA 82 024305
^{25}Mg	2010CO02	NUCLEAR REACTIONS ^{197}Au, ^{151}Sm, Pb, ^{204,206,207,208}Pb, ^{209}Bi, ^{139}La, ^{232}Th, ^{24,25,26}Mg, ^{90,91,92,93,94,95,96}Zr, ^{186,187,188}Os, ^{233,234,235,236,238}U, ^{237}Np, ^{240}Pu, ^{241,243}Am, ^{245}Cm(n, γ), E=0.001-1 MeV; measured Eγ, Iγ, fission fragments; deduced σ. JOUR ARISE 68 643
	2010ZH44	NUCLEAR REACTIONS Si(n, γ)^{25}Mg / ^{26}Mg / ^{27}Al / ^{28}Al / ^{28}Si / ^{29}Si / ^{30}Si, E=14.9 MeV; measured Eγ, Iγ, $\gamma(\theta)$; deduced σ, $\sigma(\theta)$, total γ radiation yield. Prompt and delayed γ. ^{28}Si(n, p), (n, n'), (n, α), (n, np), (n, d), ^{29}Si(n, n'), (n, α), ^{30}Si(n, n'), E=14.9 MeV; deduced differential and integral isotopic cross sections. Comparisons with other experimental data and with evaluated results. JOUR PRVCA 82 047602
^{25}Al	2009BA59	NUCLEAR REACTIONS ^{1}H(^{7}Be, γ), (^{17}F, γ), (^{24}Mg, γ), E=12 MeV;^{7}Be, ^{17}F, ^{24}Mg; measured reaction products; deduced yields, σ for (p, γ) reactions. JOUR ZAANE 42 457
	2010FUZZ	NUCLEAR REACTIONS ^{9}Be, ^{23}Na, ^{25}Mg, ^{42}Ca, ^{46}Ti, ^{50}Cr, ^{54}Fe, ^{58}Ni, ^{118}Sn(^{3}He, t), E=140 MeV / nucleon; measured Eγ, Iγ, reaction products; deduced dσ(E); GT strength. CONF Varenna (Nucl Reaction Mechanisms),Proc,Vol.1,P39

A=25 *(continued)*

	2010LI22	NUCLEAR REACTIONS ^{24}Mg(p, γ)^{25}Al, E=214 keV; ^{25}Mg(p, γ)^{26}Al, E=304 keV; ^{26}Mg(p, γ)^{27}Al, E=326 keV; measured Eγ, Iγ, resonance strengths and thick target yield curves at LUNA facility. ^{25,26,27}Al; deduced levels, γ-ray branching ratios of primary γ rays from capture states. JOUR PRVCA 82 015801
	2010SZ04	NUCLEAR REACTIONS ^{24}Mg(p, γ), E=223 keV; measured Eγ, Iγ. ^{25}Al; deduced levels, J, π, branching ratios. JOUR ZAANE 44 513
^{25}Si	2010RE05	NUCLEAR REACTIONS ^{9}Be(^{26}Si, ^{25}Si), E=109 MeV / nucleon; ^{9}Be(^{30}S, ^{29}S), E=103 MeV / nucleon, [secondary beams of ^{26}Si and ^{30}S from primary ^{9}Be(^{36}Ar, X), E=150 MeV / nucleon]; measured Eγ, Iγ, (particle)γ-coin, σ using SeGA array. ^{25}Si, ^{29}S; deduced levels, J, π. Comparisons with previous experimental data, mirror nuclei ^{25}Na and ^{29}Al, and shell model calculations. JOUR PRVCA 81 067303

A=26

^{26}F	2010RO23	NUCLEAR REACTIONS Be(^{14}C, ^{13}C), (^{15}C, ^{14}C), (^{16}C, ^{15}C), (^{17}C, ^{16}C), (^{18}C, ^{17}C), (^{19}C, ^{18}C), (^{16}N, ^{15}N), (^{17}N, ^{16}N), (^{18}N, ^{17}N), (^{19}N, ^{18}N), (^{20}N, ^{19}N), (^{21}N, ^{20}N), (^{22}N, ^{21}N), (^{19}O, ^{18}O), (^{20}O, ^{19}O), (^{21}O, ^{20}O), (^{22}O, ^{21}O), (^{23}O, ^{22}O), (^{21}F, ^{20}F), (^{22}F, ^{21}F), (^{23}F, ^{22}F), (^{24}F, ^{23}F), (^{25}F, ^{24}F), (^{26}F, ^{25}F), (^{24}Ne, ^{23}Ne), (^{25}Ne, ^{24}Ne), (^{26}Ne, ^{25}Ne), (^{27}Ne, ^{26}Ne), (^{28}Ne, ^{27}Ne), (^{27}Na, ^{26}Na), (^{28}Na, ^{27}Na), (^{29}Na, ^{28}Na), (^{30}Na, ^{29}Na), (^{31}Na, ^{30}Na), (^{31}Mg, ^{30}Mg), (^{32}Mg, ^{31}Mg), (^{33}Mg, ^{32}Mg), (^{34}Al, ^{33}Al), (^{35}Al, ^{34}Al), E<700 MeV / nucleon, [secondary beams from Be(^{40}Ar, X), E=700 MeV / nucleon primary reaction]; measured fragment longitudinal-momentum distributions, σ, widths. One-neutron knockout reactions. ^{26}F; possible anomalous structure. ^{24,25,26,27,28}Ne; discussed ground state configurations and relevance to nuclei near the island of inversion. JOUR PRVCA 82 024305
^{26}Ne	2010RO23	NUCLEAR REACTIONS Be(^{14}C, ^{13}C), (^{15}C, ^{14}C), (^{16}C, ^{15}C), (^{17}C, ^{16}C), (^{18}C, ^{17}C), (^{19}C, ^{18}C), (^{16}N, ^{15}N), (^{17}N, ^{16}N), (^{18}N, ^{17}N), (^{19}N, ^{18}N), (^{20}N, ^{19}N), (^{21}N, ^{20}N), (^{22}N, ^{21}N), (^{19}O, ^{18}O), (^{20}O, ^{19}O), (^{21}O, ^{20}O), (^{22}O, ^{21}O), (^{23}O, ^{22}O), (^{21}F, ^{20}F), (^{22}F, ^{21}F), (^{23}F, ^{22}F), (^{24}F, ^{23}F), (^{25}F, ^{24}F), (^{26}F, ^{25}F), (^{24}Ne, ^{23}Ne), (^{25}Ne, ^{24}Ne), (^{26}Ne, ^{25}Ne), (^{27}Ne, ^{26}Ne), (^{28}Ne, ^{27}Ne), (^{27}Na, ^{26}Na), (^{28}Na, ^{27}Na), (^{29}Na, ^{28}Na), (^{30}Na, ^{29}Na), (^{31}Na, ^{30}Na), (^{31}Mg, ^{30}Mg), (^{32}Mg, ^{31}Mg), (^{33}Mg, ^{32}Mg), (^{34}Al, ^{33}Al), (^{35}Al, ^{34}Al), E<700 MeV / nucleon, [secondary beams from Be(^{40}Ar, X), E=700 MeV / nucleon primary reaction]; measured fragment longitudinal-momentum distributions, σ, widths. One-neutron knockout reactions. ^{26}F; possible anomalous structure. ^{24,25,26,27,28}Ne; discussed ground state configurations and relevance to nuclei near the island of inversion. JOUR PRVCA 82 024305

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

^{26}Na	2008SVZX	RADIOACTIVITY ^{62}Ga; measured Iβ, Eγ, Iγ, $\beta\gamma$-coin, $\gamma\gamma$-coin; deduced $T_{1/2}$, log ft, branching ratio; calculated isospin symmetry breaking using shell model; ^{26}Na(β^-); measured Iβ(t), Iγ(t); deduced $T_{1/2}$; ^{18}Ne; measured Eγ, Iγ, Iβ(t), $\beta\gamma$-coin, $\gamma\gamma$-coin; deduced $T_{1/2}$; ^{38}K; measured Iβ(t); deduced isomer decay, $T_{1/2}$, M3 branching ratio, log ft; ^{74}Rb; measured decay products; deduced $T_{1/2}$, branching ratio, log ft. Results on CD only. CONF E.Lansing (NS2008),P19,Svensson
^{26}Mg	2008SVZX	RADIOACTIVITY ^{62}Ga; measured Iβ, Eγ, Iγ, $\beta\gamma$-coin, $\gamma\gamma$-coin; deduced $T_{1/2}$, log ft, branching ratio; calculated isospin symmetry breaking using shell model; ^{26}Na(β^-); measured Iβ(t), Iγ(t); deduced $T_{1/2}$; ^{18}Ne; measured Eγ, Iγ, Iβ(t), $\beta\gamma$-coin, $\gamma\gamma$-coin; deduced $T_{1/2}$; ^{38}K; measured Iβ(t); deduced isomer decay, $T_{1/2}$, M3 branching ratio, log ft; ^{74}Rb; measured decay products; deduced $T_{1/2}$, branching ratio, log ft. Results on CD only. CONF E.Lansing (NS2008),P19,Svensson
	2009LO06	NUCLEAR REACTIONS ^{26}Mg(polarized γ, γ'), E=10.8, 11.0, 11.2, 11.4 MeV; measured Eγ, Iγ, and $\gamma\gamma(\theta)$ at TUNL HIγS facility. ^{26}Mg; deduced levels, J, π, and branching ratios. Comparison with Monte Carlo simulations. Implications for the reaction rates for ^{22}Ne(α, γ)^{26}Mg of astrophysical interest. JOUR PRVCA 80 055803
	2009LOZY	NUCLEAR REACTIONS ^{26}Mg(γ, γ'), E=10.8, 11.0, 11.2, 11.4 MeV; measured Eγ, I$\gamma(\theta)$ using polarized γ; deduced low-levels E, J, π. REPT TUNL-XLVIII,P103,Longland
	2010BE01	NUCLEAR REACTIONS ^{197}Au(^{68}Ni, ^{68}Ni'), E=600 MeV / nucleon; ^{197}Au(^{54}Cr, ^{54}Cr'), E=100 MeV / nucleon; ^{197}Au(^{132}Xe, ^{132}Xe'), E=100 MeV / nucleon;^{27}Al(p, 2p), E> 100 MeV; Ge, ^{27}Al(n, n'), E not given; Be(^{37}Ca, X)^{36}K, E=200 MeV / nucleon; measured reaction fragments, Eγ, Iγ; deduced energy levels, B(E2) values, lifetimes, $\sigma(\theta)$. JOUR APOBB 41 505
	2010CO02	NUCLEAR REACTIONS ^{197}Au, ^{151}Sm, Pb, ^{204,206,207,208}Pb, ^{209}Bi, ^{139}La, ^{232}Th, ^{24,25,26}Mg, ^{90,91,92,93,94,95,96}Zr, ^{186,187,188}Os, ^{233,234,235,236,238}U, ^{237}Np, ^{240}Pu, ^{241,243}Am, ^{245}Cm(n, γ), E=0.001-1 MeV; measured Eγ, Iγ, fission fragments; deduced σ. JOUR ARISE 68 643
	2010DE26	NUCLEAR REACTIONS ^{14}C(^{18}O, 2p)^{26}Mg / ^{30}Mg / ^{30}Al / ^{30}Si, E=37 MeV; measured Eγ and yields. JOUR PRVCA 82 034305
	2010DE29	NUCLEAR REACTIONS ^{26}Mg(γ, γ'), E=10.5-11.7 MeV; measured Eγ, Iγ; deduced levels, J, π, resonances, branching ratios, total widths, partial widths. GEANT4 Monte-Carlo simulation of γ-ray spectra. Relevance to predictions of neutron production for the s-process in nucleosynthesis. JOUR PRVCA 82 025802
	2010MA43	NUCLEAR REACTIONS ^{28}Si(p, t), E=98.7 MeV; measured triton spectra, σ, $\sigma(\theta)$. ^{26}Si; deduced levels, J, π, proton resonance energies, spectroscopic factors. DWBA analysis. Comparisons with previous measurements. ^{26}Si, ^{26}Mg; analyzed mirror states. ^{25}Al(p, γ)^{26}Si; deduced reaction rates from 0.01 t0 10 GK, comparisons with previous data and statistical-model calculations. JOUR PRVCA 82 025807

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

	2010ZH44	NUCLEAR REACTIONS Si(n, γ)^{25}Mg / ^{26}Mg / ^{27}Al / ^{28}Al / ^{28}Si / ^{29}Si / ^{30}Si, E=14.9 MeV; measured Eγ, Iγ, $\gamma(\theta)$; deduced σ, $\sigma(\theta)$, total γ radiation yield. Prompt and delayed γ. ^{28}Si(n, p), (n, n'), (n, α), (n, np), (n, d), ^{29}Si(n, n'), (n, α), ^{30}Si(n, n'), E=14.9 MeV; deduced differential and integral isotopic cross sections. Comparisons with other experimental data and with evaluated results. JOUR PRVCA 82 047602
^{26}Al	2008KOYY	RADIOACTIVITY ^{17}Ne; measured ToF versus field frequency; deduced isotope shift, mass mass excess, charge radius, halo nuclei; calculated mass excess, separation energy, proton, neutron density distribution using FMD; ^{38}Ca; ^{26}Al; ^{80}Zn;^{81}Zn;^{132}Sn;^{134}Sn; measured ToF versus frequency detuning; deduced Q-value, mass excess. Neutrons in ^{17}Ne spherical, protons cluster-like form. Results on CD only. CONF E.Lansing (NS2008),P20,Kowalska
	2009FA15	NUCLEAR REACTIONS ^{26}Mg, ^{46,47,48}Ti(^{3}He, t), E=27 MeV; measured triton spectra; deduced Q-value. ^{46,48}Ti(d, p), E=14 MeV; measured Ep, Ip; deduced neutron separation energy. Comparison with other data. JOUR ZAANE 42 339
	2010IA01	RADIOACTIVITY ^{26}Si(β^+)[from ^{1}H(^{27}Al, 2n), E=30 MeV / nucleon]; measured Eβ, Iβ using a 4π proportional gas counter system, and half-life. Comparison with previous results. JOUR PRVCA 82 035502
	2010LI22	NUCLEAR REACTIONS ^{24}Mg(p, γ)^{25}Al, E=214 keV; ^{25}Mg(p, γ)^{26}Al, E=304 keV; ^{26}Mg(p, γ)^{27}Al, E=326 keV; measured Eγ, Iγ, resonance strengths and thick target yield curves at LUNA facility. ^{25,26,27}Al; deduced levels, γ-ray branching ratios of primary γ rays from capture states. JOUR PRVCA 82 015801
^{26}Si	2010CH38	NUCLEAR REACTIONS ^{1}H(^{25}Al, ^{25}Al), E$\approx$3.4 MeV / nucleon; measured $\sigma(\theta)$. ^{1}H(^{27}Si, ^{26}Si), E=89 MeV / nucleon; measured Eγ, Iγ, E(particle), I(particle), (particle)γ-coin. ^{26}Si deduced levels, J, π, resonance parameteres using R-matrix fit. JOUR NUPAB 834 667c
	2010CH44	NUCLEAR REACTIONS ^{28}Si(p, t), E=40 MeV; measured Et, It, Ep, Ip, tp-coin, $\sigma(\theta)$. ^{26}Si; deduced levels, J, π, resonances, l-transfers, and proton decay branching ratios. DWBA analysis. Astrophysical relevance to the reaction rates for ^{25}Al(p, γ). JOUR PRVCA 82 045803
	2010IA01	RADIOACTIVITY ^{26}Si(β^+)[from ^{1}H(^{27}Al, 2n), E=30 MeV / nucleon]; measured Eβ, Iβ using a 4π proportional gas counter system, and half-life. Comparison with previous results. JOUR PRVCA 82 035502
	2010KW02	ATOMIC MASSES ^{26}Si; measured mass using LEBIT Penning trap mass spectrometer. Comparison with other experimental results. JOUR PRVCA 81 058501
	2010MA43	NUCLEAR REACTIONS ^{28}Si(p, t), E=98.7 MeV; measured triton spectra, σ, $\sigma(\theta)$. ^{26}Si; deduced levels, J, π, proton resonance energies, spectroscopic factors. DWBA analysis. Comparisons with previous measurements. ^{26}Si, ^{26}Mg; analyzed mirror states. ^{25}Al(p, γ)^{26}Si; deduced reaction rates from 0.01 t0 10 GK, comparisons with previous data and statistical-model calculations. JOUR PRVCA 82 025807

A=27

^{27}Ne	2009RAZW	NUCLEAR REACTIONS ^{2}H(^{20}O, p), (^{20}O, t), (^{26}Ne, p), (^{26}Ne, t), E=10 MeV / nucleon; measured heavy fragments, Ep, Ip, Et, It, Eγ, Iγ; deduced excitation energy spectra, level scheme, energies, angular momenta, spectroscopic factors, shell closure data. REPT IPNO-T-09-07,Ramus
	2010RO23	NUCLEAR REACTIONS Be(^{14}C, ^{13}C), (^{15}C, ^{14}C), (^{16}C, ^{15}C), (^{17}C, ^{16}C), (^{18}C, ^{17}C), (^{19}C, ^{18}C), (^{16}N, ^{15}N), (^{17}N, ^{16}N), (^{18}N, ^{17}N), (^{19}N, ^{18}N), (^{20}N, ^{19}N), (^{21}N, ^{20}N), (^{22}N, ^{21}N), (^{19}O, ^{18}O), (^{20}O, ^{19}O), (^{21}O, ^{20}O), (^{22}O, ^{21}O), (^{23}O, ^{22}O), (^{21}F, ^{20}F), (^{22}F, ^{21}F), (^{23}F, ^{22}F), (^{24}F, ^{23}F), (^{25}F, ^{24}F), (^{26}F, ^{25}F), (^{24}Ne, ^{23}Ne), (^{25}Ne, ^{24}Ne), (^{26}Ne, ^{25}Ne), (^{27}Ne, ^{26}Ne), (^{28}Ne, ^{27}Ne), (^{27}Na, ^{26}Na), (^{28}Na, ^{27}Na), (^{29}Na, ^{28}Na), (^{30}Na, ^{29}Na), (^{31}Na, ^{30}Na), (^{31}Mg, ^{30}Mg), (^{32}Mg, ^{31}Mg), (^{33}Mg, ^{32}Mg), (^{34}Al, ^{33}Al), (^{35}Al, ^{34}Al), E<700 MeV / nucleon, [secondary beams from Be(^{40}Ar, X), E=700 MeV / nucleon primary reaction]; measured fragment longitudinal-momentum distributions, σ, widths. One-neutron knockout reactions. ^{26}F; possible anomalous structure. ^{24,25,26,27,28}Ne; discussed ground state configurations and relevance to nuclei near the island of inversion. JOUR PRVCA 82 024305
^{27}Mg	2008BEZI	NUCLEAR REACTIONS ^{27}Al(d, pα), E≈3-22 MeV; ^{27}Al(d, 2p), E≈3-20 MeV; ^{27}Al(d, p), E≈3-20 MeV; ^{63,65}Cu(d, 2n), E≈3-20 MeV; ^{63}Cu(d, p), E≈3-20 MeV; ^{65}Cu(d, 2p), E≈3-20 MeV; ^{65}Cu(d, 3p), E≈3-20 MeV; measured Eγ, Iγ(t); deduced σ, $T_{1/2}$. Compared to EXFOR data and Pade fit of Takacs. CONF Nice (Nucl Data for Sci and Technol) Proc,P1003
	2010CO02	NUCLEAR REACTIONS ^{197}Au, ^{151}Sm, Pb, ^{204,206,207,208}Pb, ^{209}Bi, ^{139}La, ^{232}Th, ^{24,25,26}Mg, ^{90,91,92,93,94,95,96}Zr, ^{186,187,188}Os, ^{233,234,235,236,238}U, ^{237}Np, ^{240}Pu, ^{241,243}Am, ^{245}Cm(n, γ), E=0.001-1 MeV; measured Eγ, Iγ, fission fragments; deduced σ. JOUR ARISE 68 643
	2010QI02	NUCLEAR REACTIONS ^{1,2}H, ^{12}C, ^{27}Al, ^{63}Cu, ^{197}Au(e, e'π^+), E<5.8 GeV; measured yields, differential cross sections as a function of azimuthal angle, and nuclear transparencies versus Q^2. JOUR PRVCA 81 055209
^{27}Al	2008PAZG	NUCLEAR REACTIONS ^{24}Mg(^{90}Zr, ^{90}Zr'), E=2.3 MeV / nucleon; ^{24}Mg(^{92}Mo, ^{92}Mo'), E=2.3 MeV / nucleon; measured Coulomb excitation Eγ, Iγ; ^{27}Al(^{84}Se, ^{84}Se'), E=193.2 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin; deduced B(E2), E, J, π. Compared with Brown's calculations. Results on CD only. CONF E.Lansing (NS2008),P51,Padilla-Rodal
	2009MA70	NUCLEAR REACTIONS ^{13}C(α, γ), (α, n), E=2.000, 2.270 MeV; measured Eγ, Iγ, $\gamma(\theta)$, En, σ, and $\sigma(\theta)$; deduced astrophysical S factors. Comparison with previous experimental data. ^{27}Al, ^{127}I, ^{206,207,208}Pb(n, n'), E=3.5-4.4 MeV; ^{127}I(n, γ), E=10.1-11.3 MeV; measured Eγ. JOUR PRVCA 80 065802
	2010AB06	NUCLEAR REACTIONS ^{27}Al(^{7}Li, ^{7}Li), E=7-11 MeV; measured reaction products; deduced elastic scattering σ, $\sigma(\theta)$. Optical potentials, comparison with previous experimental data. JOUR NIMBE 268 1793

A=27 *(continued)*

	2010BE01	NUCLEAR REACTIONS ^{197}Au(^{68}Ni, ^{68}Ni'), E=600 MeV / nucleon; ^{197}Au(^{54}Cr, ^{54}Cr'), E=100 MeV / nucleon; ^{197}Au(^{132}Xe, ^{132}Xe'), E=100 MeV / nucleon;^{27}Al(p, 2p), E> 100 MeV; Ge, ^{27}Al(n, n'), E not given; Be(^{37}Ca, X)^{36}K, E=200 MeV / nucleon; measured reaction fragments, Eγ, Iγ; deduced energy levels, B(E2) values, lifetimes, $\sigma(\theta)$. JOUR APOBB 41 505
	2010LI22	NUCLEAR REACTIONS ^{24}Mg(p, γ)^{25}Al, E=214 keV; ^{25}Mg(p, γ)^{26}Al, E=304 keV; ^{26}Mg(p, γ)^{27}Al, E=326 keV; measured Eγ, Iγ, resonance strengths and thick target yield curves at LUNA facility. ^{25,26,27}Al; deduced levels, γ-ray branching ratios of primary γ rays from capture states. JOUR PRVCA 82 015801
	2010ZH44	NUCLEAR REACTIONS Si(n, γ)^{25}Mg / ^{26}Mg / ^{27}Al / ^{28}Al / ^{28}Si / ^{29}Si / ^{30}Si, E=14.9 MeV; measured Eγ, Iγ, $\gamma(\theta)$; deduced σ, $\sigma(\theta)$, total γ radiation yield. Prompt and delayed γ. ^{28}Si(n, p), (n, n'), (n, α), (n, np), (n, d), ^{29}Si(n, n'), (n, α), ^{30}Si(n, n'), E=14.9 MeV; deduced differential and integral isotopic cross sections. Comparisons with other experimental data and with evaluated results. JOUR PRVCA 82 047602
^{27}Si	2009LO05	NUCLEAR REACTIONS ^{12}C(^{16}O, n), E=26 MeV; measured Eγ, $\gamma\gamma$-coin, $\gamma(\theta)$, and half-lives by DSA using Gammasphere array. ^{27}Si; deduced levels, J, π, and proton resonances. ^{26m}Al(p, γ)^{27}Si; deduced stellar reaction rates. JOUR PRVCA 80 055802
	2009XUZZ	RADIOACTIVITY ^{17}Ne(2p)[from ^{9}Be(^{20}Ne, X)], ^{29}S(2p)[from ^{9}Be(^{32}S, X)]; measured Ep, Ip, pp-coin, E(particle), I(particle), (particle)p-coin. CONF Dub(Nucl Struct and Dynamics,09) Proc,P106
	2010LI33	RADIOACTIVITY ^{17,18}Ne, ^{29}S(2p); deduced possible 2p-decay or ^{2}He-decay branching ratios. JOUR NUPAB 834 450c

A=28

^{28}Ne	2010RO23	NUCLEAR REACTIONS Be(^{14}C, ^{13}C), (^{15}C, ^{14}C), (^{16}C, ^{15}C), (^{17}C, ^{16}C), (^{18}C, ^{17}C), (^{19}C, ^{18}C), (^{16}N, ^{15}N), (^{17}N, ^{16}N), (^{18}N, ^{17}N), (^{19}N, ^{18}N), (^{20}N, ^{19}N), (^{21}N, ^{20}N), (^{22}N, ^{21}N), (^{19}O, ^{18}O), (^{20}O, ^{19}O), (^{21}O, ^{20}O), (^{22}O, ^{21}O), (^{23}O, ^{22}O), (^{21}F, ^{20}F), (^{22}F, ^{21}F), (^{23}F, ^{22}F), (^{24}F, ^{23}F), (^{25}F, ^{24}F), (^{26}F, ^{25}F), (^{24}Ne, ^{23}Ne), (^{25}Ne, ^{24}Ne), (^{26}Ne, ^{25}Ne), (^{27}Ne, ^{26}Ne), (^{28}Ne, ^{27}Ne), (^{27}Na, ^{26}Na), (^{28}Na, ^{27}Na), (^{29}Na, ^{28}Na), (^{30}Na, ^{29}Na), (^{31}Na, ^{30}Na), (^{31}Mg, ^{30}Mg), (^{32}Mg, ^{31}Mg), (^{33}Mg, ^{32}Mg), (^{34}Al, ^{33}Al), (^{35}Al, ^{34}Al), E<700 MeV / nucleon, [secondary beams from Be(^{40}Ar, X), E=700 MeV / nucleon primary reaction]; measured fragment longitudinal-momentum distributions, σ, widths. One-neutron knockout reactions. ^{26}F; possible anomalous structure. ^{24,25,26,27,28}Ne; discussed ground state configurations and relevance to nuclei near the island of inversion. JOUR PRVCA 82 024305
^{28}Na	2008TRZW	RADIOACTIVITY ^{28,29,30}Na(β^-)[from ^{48}Ca fragmentation]; measured Eγ, Iγ, $\gamma\gamma$-coin, $\beta\gamma$-coin, (fragment)$\beta\gamma$-coin, (fragment)$\beta\gamma\gamma$-coin; deduced E, J, π, log ft; calculated E, J, π using shell model with USDA interaction, Monte Carlo shell model with SDPF-M interaction. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P525

A=28 *(continued)*

^{28}Mg	2008STZU	NUCLEAR REACTIONS Cl(p, x)^{28}Mg, E2s=≈50-200 MeV; measured Eγ, Iγ; deduced σ, thick target yield. CONF Nice (Nucl Data for Sci and Technol) Proc,P1391
	2008TRZW	RADIOACTIVITY ^{28,29,30}Na(β^-)[from ^{48}Ca fragmentation]; measured Eγ, Iγ, $\gamma\gamma$-coin, $\beta\gamma$-coin, (fragment)$\beta\gamma$-coin, (fragment)$\beta\gamma\gamma$-coin; deduced E, J, π, log ft; calculated E, J, π using shell model with USDA interaction, Monte Carlo shell model with SDPF-M interaction. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P525
^{28}Al	2008BEZI	NUCLEAR REACTIONS ^{27}Al(d, pα), E≈3-22 MeV; ^{27}Al(d, 2p), E≈3-20 MeV; ^{27}Al(d, p), E≈3-20 MeV; ^{63,65}Cu(d, 2n), E≈3-20 MeV; ^{63}Cu(d, p), E≈3-20 MeV; ^{65}Cu(d, 2p), E≈3-20 MeV; ^{65}Cu(d, 3p), E≈3-20 MeV; measured Eγ, Iγ(t); deduced σ, $T_{1/2}$. Compared to EXFOR data and Pade fit of Takacs. CONF Nice (Nucl Data for Sci and Technol) Proc,P1003
	2008MAZE	RADIOACTIVITY ^{23}Al(EC), ^{23}Ne(β^-), ^{24m}Al(IT), (EC), ^{28}P(EC), ^{28}Al(β^-); measured μ, g-factor, log ft; calculated particle and spin decomposition. Results on CD only. CONF E.Lansing (NS2008),P137,Matsuta
	2008MIZT	NUCLEAR REACTIONS ^{23}Na, ^{27}Al(n, γ), E=thermal; measured Eγ, Iγ; deduced γ emission probability. New method suggested, shown to be consistent. CONF Nice (Nucl Data for Sci and Technol) Proc,P451
	2008NOZX	NUCLEAR REACTIONS ^{27}Al(n, n'x), E=90-110 MeV; ^{27}Al(n, γ), E=90-110 MeV; measured En, In(θ), Eγ, Iγ(θ); deduced dσ(E, θ); calculated neutron dσ(E, θ) using PHITS, GNASH, TALYS. CONF Nice (Nucl Data for Sci and Technol) Proc,P1043
	2010KR02	NUCLEAR REACTIONS ^{27}Al, ^{197}Au, ^{59}Co, In, ^{181}Ta(n, γ), (n, α), (n, xn), E=1 GeV; ^{191,192,193,194,196,198}Au, ^{24}Na; measured Eα, Iα, Eγ, Iγ; deduced yields, σ. JOUR NIMAE 615 70
	2010ZH44	NUCLEAR REACTIONS Si(n, γ)^{25}Mg / ^{26}Mg / ^{27}Al / ^{28}Al / ^{28}Si / ^{29}Si / ^{30}Si, E=14.9 MeV; measured Eγ, Iγ, γ(θ); deduced σ, σ(θ), total γ radiation yield. Prompt and delayed γ. ^{28}Si(n, p), (n, n'), (n, α), (n, np), (n, d), ^{29}Si(n, n'), (n, α), ^{30}Si(n, n'), E=14.9 MeV; deduced differential and integral isotopic cross sections. Comparisons with other experimental data and with evaluated results. JOUR PRVCA 82 047602
^{28}Si	2008MAZE	RADIOACTIVITY ^{23}Al(EC), ^{23}Ne(β^-), ^{24m}Al(IT), (EC), ^{28}P(EC), ^{28}Al(β^-); measured μ, g-factor, log ft; calculated particle and spin decomposition. Results on CD only. CONF E.Lansing (NS2008),P137,Matsuta
	2008OHZS	RADIOACTIVITY ^{22}F(β^-), ^{24m}Al(β^+), ^{28}P(β^+)[from charge-exchange in intermediate energy heavy-ion reactions]; measured polarization. Abstract only. CONF E.Lansing (NS2008),P157,Ohtsubo
	2009LEZU	NUCLEAR REACTIONS ^{12}C(^{16}O, γ), E(cm)=8.5, 8.8, 9 MeV; measured Eγ, Iγ, particle-γ-coin.; deduced feeding of states located around E*=11 MeV. CONF Cologne (Capture Gamma-Ray Spectroscopy) Proc,P593,Lebhertz
	2009ZH52	RADIOACTIVITY ^{28}P(β^+) [from Be(^{28}Si, X)^{28}P, E=100 MeV / nucleon]; measured decay products, β-NMR spectra; deduced g factors, magnetic moment. JOUR CPCHC 33 s01 215

A=28 ***(continued)***

	2010GA18	NUCLEAR REACTIONS ^{28}Si(α, $\alpha\gamma$), E=30.3 MeV; measured Eα, Iα, Eγ, Iγ; deduced $\sigma(\theta)$, low-lying states, J, π, dynamical deformation. Comparison with FRESCO and CHUCK codes. JOUR PANUE 73 1339
	2010KO11	NUCLEAR REACTIONS K(p, p), ^{27}Al(p, γ) E=3-5 MeV; NUCLEAR REACTIONS ^{39}K(p, α), E=4-5 MeV; measured reaction products, Eγ, Iγ; deduced yields, $\sigma(\theta)$. JOUR NIMBE 268 1797
	2010LO05	NUCLEAR REACTIONS ^{22}Ne, ^{27}Al(p, γ), E=400-505 keV; measured Eγ, Iγ, yields and resonance strengths. Comparison with previous data. Relevance to of resonance strengths in the ^{22}Ne(p, γ)^{23}Na hydrogen-burning reaction and in the ^{22}Ne(α, γ) s-process neutron-source reactions. JOUR PRVCA 81 055804
	2010MA44	RADIOACTIVITY ^{28}P(β^+); measured μ; deduced spin components. ^{13}B(β^-); measured Eβ, I$\beta(\theta)$ from aligned ^{13}B; deduced alignment correlation coefficient, G-parity tensor coupling constant. Discussed ^{9}C-^{9}Li mirror pair μ and spin expectation value. JOUR NUPAB 834 424c
	2010TO03	NUCLEAR REACTIONS ^{12}C, ^{28}Si(p, p), E=4.9-6.1 MeV; measured scattered protons; deduced yields, stopping σ, sharp nuclear resonances. JOUR NIMBE 268 1749
	2010ZE05	NUCLEAR REACTIONS ^{28}Si(^{7}Li, ^{7}Li), E=5-12 MeV; measured quasielastic σ(E, θ); deduced barrier distributions for elastic and quasielastic channels using optical model and double-folded potentials. Comparison with previous data for ^{28}Si(^{6}Li, ^{6}Li), E=5-35 MeV. Continuum-discretized coupled-channel (CDCC) and coupled reaction channel (CRC) calculations for effect of breakup and transfer reactions. JOUR PRVCA 82 044607
	2010ZH44	NUCLEAR REACTIONS Si(n, γ)^{25}Mg / ^{26}Mg / ^{27}Al / ^{28}Al / ^{28}Si / ^{29}Si / ^{30}Si, E=14.9 MeV; measured Eγ, Iγ, $\gamma(\theta)$; deduced σ, $\sigma(\theta)$, total γ radiation yield. Prompt and delayed γ. ^{28}Si(n, p), (n, n'), (n, α), (n, np), (n, d), ^{29}Si(n, n'), (n, α), ^{30}Si(n, n'), E=14.9 MeV; deduced differential and integral isotopic cross sections. Comparisons with other experimental data and with evaluated results. JOUR PRVCA 82 047602
^{28}P	2008MAZE	RADIOACTIVITY ^{23}Al(EC), ^{23}Ne(β^-), ^{24m}Al(IT), (EC), ^{28}P(EC), ^{28}Al(β^-); measured μ, g-factor, log ft; calculated particle and spin decomposition. Results on CD only. CONF E.Lansing (NS2008),P137,Matsuta
	2008OHZS	RADIOACTIVITY ^{22}F(β^-), ^{24m}Al(β^+), ^{28}P(β^+)[from charge-exchange in intermediate energy heavy-ion reactions]; measured polarization. Abstract only. CONF E.Lansing (NS2008),P157,Ohtsubo
	2009ZH52	RADIOACTIVITY ^{28}P(β^+) [from Be(^{28}Si, X)^{28}P, E=100 MeV / nucleon]; measured decay products, β-NMR spectra; deduced g factors, magnetic moment. JOUR CPCHC 33 s01 215
	2010MA44	RADIOACTIVITY ^{28}P(β^+); measured μ; deduced spin components. ^{13}B(β^-); measured Eβ, I$\beta(\theta)$ from aligned ^{13}B; deduced alignment correlation coefficient, G-parity tensor coupling constant. Discussed ^{9}C-^{9}Li mirror pair μ and spin expectation value. JOUR NUPAB 834 424c

A=28 *(continued)*

	2010WR01	NUCLEAR REACTIONS ^{20}Ne, ^{24}Mg, ^{28}Si, ^{32}S, ^{36}Ar(^{3}He, t), E=32 MeV; measured triton spectra using Q3D magnetic spectrograph; deduced levels, Q values, mass excesses. JOUR PRVCA 81 055503
	2010WR01	ATOMIC MASSES ^{20}Na, ^{24}Al, ^{28}P, ^{32}Cl; measured mass excesses using (^{3}He, t) reaction. ^{36}Ar(^{3}He, t)^{36}K used for calibration. Comparison with AME-2003. JOUR PRVCA 81 055503
	2010WR02	NUCLEAR REACTIONS ^{20}Ne, ^{24}Mg, ^{28}Si, ^{32}S, ^{36}Ar(^{3}He, t), E=32 MeV; measured E(t), I(t); deduced levels and resonances. ^{19}Ne, ^{23}Mg, ^{27}Si, ^{31}S, ^{35}Ar(p, γ); deduced improved thermonuclear reaction rates. ^{36}Cl, ^{36}Ar, ^{36}K; analyzed A=36, T=1 triplet states. Comparison with previous experiments. JOUR PRVCA 82 035805
	2010XU03	NUCLEAR REACTIONS ^{197}Au(^{28}P, ^{28}P'), E=46.5 MeV / nucleon [^{28}P secondary beam from ^{9}Be(^{32}S, X), E=80.4 MeV / nucleon primary reaction]; measured Ep, Ip, time of flight, (^{26}Al)(p)(p)-coin. ^{28}P; deduced levels, two-proton emission from excited states.^{9}Be(^{32}S, X)^{22}Ne / ^{23}Na / ^{24}Mg / ^{25}Al / ^{26}Al / ^{27}Si / ^{28}P / ^{29}S, E=80.4 MeV / nucleon; measured yields. JOUR PRVCA 81 054317

A=29

^{29}F	2010FA04	NUCLEAR REACTIONS ^{9}Be(^{32}Mg, ^{30}Ne), E=86.7, 99.7 MeV / nucleon; measured Eγ, Iγ, and σ using SeGA array. ^{32}Mg beam from ^{9}Be(^{48}Ca, X), E=140 MeV / nucleon. ^{30}Ne; deduced levels, J, π, intruder configuration. ^{29,31}F; discussed implications for binding energies. ^{32}Mg; deduced configuration. Comparison with large-scale shell model calculations. JOUR PRVCA 81 041302
^{29}Ne	2009AOZZ	NUCLEAR REACTIONS ^{9}Be(^{48}Ca, X), E=345 MeV / nucleon. ^{20,22}C, ^{29,30,31,32}Ne, ^{40,42}Si measured yields. Comparison with EPAX2 calculations. CONF Dub(Nucl Struct and Dynamics,09) Proc,P76
^{29}Na	2008TRZW	RADIOACTIVITY ^{28,29,30}Na(β^-)[from ^{48}Ca fragmentation]; measured Eγ, Iγ, $\gamma\gamma$-coin, $\beta\gamma$-coin, (fragment)$\beta\gamma$-coin, (fragment)$\beta\gamma\gamma$-coin; deduced E, J, π, log ft; calculated E, J, π using shell model with USDA interaction, Monte Carlo shell model with SDPF-M interaction. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P525
^{29}Mg	2008TRZW	RADIOACTIVITY ^{28,29,30}Na(β^-)[from ^{48}Ca fragmentation]; measured Eγ, Iγ, $\gamma\gamma$-coin, $\beta\gamma$-coin, (fragment)$\beta\gamma$-coin, (fragment)$\beta\gamma\gamma$-coin; deduced E, J, π, log ft; calculated E, J, π using shell model with USDA interaction, Monte Carlo shell model with SDPF-M interaction. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P525
^{29}Si	2009ZH53	RADIOACTIVITY ^{29}P(β^+) [from ^{28}Si(d, n)^{29}P, E=3 MeV]; measured decay products, β-NMR spectra; deduced magnetic moment, density distribution of protons, neutrons and matter. JOUR CPCHC 33 s01 218

A=29 *(continued)*

	2010ZH44	NUCLEAR REACTIONS Si(n, γ)^{25}Mg / ^{26}Mg / ^{27}Al / ^{28}Al / ^{28}Si / ^{29}Si / ^{30}Si, E=14.9 MeV; measured Eγ, Iγ, $\gamma(\theta)$; deduced σ, $\sigma(\theta)$, total γ radiation yield. Prompt and delayed γ. ^{28}Si(n, p), (n, n'), (n, α), (n, np), (n, d), ^{29}Si(n, n'), (n, α), ^{30}Si(n, n'), E=14.9 MeV; deduced differential and integral isotopic cross sections. Comparisons with other experimental data and with evaluated results. JOUR PRVCA 82 047602
^{29}P	2009ZH53	RADIOACTIVITY ^{29}P(β^+) [from ^{28}Si(d, n)^{29}P, E=3 MeV]; measured decay products, β-NMR spectra; deduced magnetic moment, density distribution of protons, neutrons and matter. JOUR CPCHC 33 s01 218
^{29}S	2009XUZZ	RADIOACTIVITY ^{17}Ne(2p)[from ^{9}Be(^{20}Ne, X)], ^{29}S(2p)[from ^{9}Be(^{32}S, X)]; measured Ep, Ip, pp-coin, E(particle), I(particle), (particle)p-coin. CONF Dub(Nucl Struct and Dynamics,09) Proc,P106
	2010LI33	RADIOACTIVITY ^{17,18}Ne, ^{29}S(2p); deduced possible 2p-decay or ^{2}He-decay branching ratios. JOUR NUPAB 834 450c
	2010RE05	NUCLEAR REACTIONS ^{9}Be(^{26}Si, ^{25}Si), E=109 MeV / nucleon; ^{9}Be(^{30}S, ^{29}S), E=103 MeV / nucleon, [secondary beams of ^{26}Si and ^{30}S from primary ^{9}Be(^{36}Ar, X), E=150 MeV / nucleon]; measured Eγ, Iγ, (particle)γ-coin, σ using SeGA array. ^{25}Si, ^{29}S; deduced levels, J, π. Comparisons with previous experimental data, mirror nuclei ^{25}Na and ^{29}Al, and shell model calculations. JOUR PRVCA 81 067303

A=30

^{30}Ne	2009AOZZ	NUCLEAR REACTIONS ^{9}Be(^{48}Ca, X), E=345 MeV / nucleon. ^{20,22}C, ^{29,30,31,32}Ne, ^{40,42}Si measured yields. Comparison with EPAX2 calculations. CONF Dub(Nucl Struct and Dynamics,09) Proc,P76
	2010FA04	NUCLEAR REACTIONS ^{9}Be(^{32}Mg, ^{30}Ne), E=86.7, 99.7 MeV / nucleon; measured Eγ, Iγ, and σ using SeGA array. ^{32}Mg beam from ^{9}Be(^{48}Ca, X), E=140 MeV / nucleon. ^{30}Ne; deduced levels, J, π, intruder configuration. ^{29,31}F; discussed implications for binding energies. ^{32}Mg; deduced configuration. Comparison with large-scale shell model calculations. JOUR PRVCA 81 041302
^{30}Na	2008TRZW	RADIOACTIVITY ^{28,29,30}Na(β^-)[from ^{48}Ca fragmentation]; measured Eγ, Iγ, $\gamma\gamma$-coin, $\beta\gamma$-coin, (fragment)$\beta\gamma$-coin, (fragment)$\beta\gamma\gamma$-coin; deduced E, J, π, log ft; calculated E, J, π using shell model with USDA interaction, Monte Carlo shell model with SDPF-M interaction. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P525
^{30}Mg	2008DEZM	NUCLEAR REACTIONS ^{14}C(^{18}O, 2p), E=37 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, E(particle), I(particle), A(particle), Z(particle), (particle)γ-coin; deduced levels, J, π, yrast; calculated levels, J, π using USD interaction. Results on CD only. CONF E.Lansing (NS2008),P94,Deacon

A=30 ***(continued)***

	2008TRZW	RADIOACTIVITY ^{28,29,30}Na(β^-)[from ^{48}Ca fragmentation]; measured Eγ, Iγ, $\gamma\gamma$-coin, $\beta\gamma$-coin, (fragment)$\beta\gamma$-coin, (fragment)$\beta\gamma\gamma$-coin; deduced E, J, π, log ft; calculated E, J, π using shell model with USDA interaction, Monte Carlo shell model with SDPF-M interaction. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P525
	2010DE26	NUCLEAR REACTIONS ^{14}C(^{18}O, 2p), E=37 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (^{30}Mg)γ-coin, $\gamma(\theta)$ using Gammasphere array, enriched ^{14}C target. ^{30}Mg; deduced levels, J, π, multipolarities. Comparison with shell-model calculations using the USD and SDPF-M interactions, and the Monte Carlo shell model. Systematics of first 2+ and 4+ states in ^{24,26,28,30,32,34}Mg. JOUR PRVCA 82 034305
	2010DE26	NUCLEAR REACTIONS ^{14}C(^{18}O, 2p)^{26}Mg / ^{30}Mg / ^{30}Al / ^{30}Si, E=37 MeV; measured Eγ and yields. JOUR PRVCA 82 034305
^{30}Al	2010DE26	NUCLEAR REACTIONS ^{14}C(^{18}O, 2p)^{26}Mg / ^{30}Mg / ^{30}Al / ^{30}Si, E=37 MeV; measured Eγ and yields. JOUR PRVCA 82 034305
	2010STZZ	NUCLEAR REACTIONS ^{14}C(^{18}O, X), E=37 MeV; measured Eγ, Iγ, (residue)γ-, $\gamma\gamma$-coin, $\gamma(\theta)$, DCO ratios using the Gammasphere array and Fragment Mass Analyzer. ^{30}Al, ^{30}Si; deduced levels, J, π, multipolarities. Comparison with shell-model calculations using the USD, USDA, and USDB effective interactions. PREPRINT Steppenbeck,7/26/2010
^{30}Si	2010DE26	NUCLEAR REACTIONS ^{14}C(^{18}O, 2p)^{26}Mg / ^{30}Mg / ^{30}Al / ^{30}Si, E=37 MeV; measured Eγ and yields. JOUR PRVCA 82 034305
	2010SE07	NUCLEAR REACTIONS ^{32}S(p, t), E=34.5 MeV; measured triton spectra. ^{30}S; deduced level, J, π, γ widths, proton widths, resonance strengths; deduced astrophysical reaction rates for ^{29}P(p, γ). ^{30}Si, ^{30}S; deduced mirror states. JOUR PRVCA 82 022801
	2010STZZ	NUCLEAR REACTIONS ^{14}C(^{18}O, X), E=37 MeV; measured Eγ, Iγ, (residue)γ-, $\gamma\gamma$-coin, $\gamma(\theta)$, DCO ratios using the Gammasphere array and Fragment Mass Analyzer. ^{30}Al, ^{30}Si; deduced levels, J, π, multipolarities. Comparison with shell-model calculations using the USD, USDA, and USDB effective interactions. PREPRINT Steppenbeck,7/26/2010
	2010WA20	NUCLEAR REACTIONS ^{208}Pb(^{36}S, X)^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si, E=215 MeV; measured mass spectrum of Si fragments, Eγ, Iγ, (fragment)γ-, $\gamma\gamma$-coin with CLARA array and PRISMA spectrometer. ^{33}Si; deduced levels, J, π, multipolarity, shell-model configurations. Comparison with large-scale shell model calculations using PSDPFB effective interaction. JOUR PRVCA 81 064301
	2010ZH44	NUCLEAR REACTIONS Si(n, γ)^{25}Mg / ^{26}Mg / ^{27}Al / ^{28}Al / ^{28}Si / ^{29}Si / ^{30}Si, E=14.9 MeV; measured Eγ, Iγ, $\gamma(\theta)$; deduced σ, $\sigma(\theta)$, total γ radiation yield. Prompt and delayed γ. ^{28}Si(n, p), (n, n'), (n, α), (n, np), (n, d), ^{29}Si(n, n'), (n, α), ^{30}Si(n, n'), E=14.9 MeV; deduced differential and integral isotopic cross sections. Comparisons with other experimental data and with evaluated results. JOUR PRVCA 82 047602

A=30 *(continued)*

^{30}S	2009OBZY	NUCLEAR REACTIONS ^{32}S(p, t), E*=4-13 MeV; ^{34}Ar(p, t), E*=4-12 MeV; ^{40}Ca(p, t), E*=4-13 MeV; measured E(particle), I(particle); deduced energy levels. CONF Cologne (Capture Gamma-Ray Spectroscopy) Proc,P288,OBrien
	2010SE07	NUCLEAR REACTIONS ^{32}S(p, t), E=34.5 MeV; measured triton spectra. ^{30}S; deduced level, J, π, γ widths, proton widths, resonance strengths; deduced astrophysical reaction rates for ^{29}P(p, γ). ^{30}Si, ^{30}S; deduced mirror states. JOUR PRVCA 82 022801
	2010SE08	NUCLEAR REACTIONS ^{32}S(p, t), E=33.5, 34.5 MeV; measured E(triton), I(triton), Eγ, Iγ, (triton)γ-coin. ^{30}S deduced levels, J, π. JOUR NUPAB 834 205c
	2010TA17	NUCLEAR REACTIONS ^{16}O, ^{28}Si(^{3}He, n), E=15 MeV; measured ToF neutron σ(E). ^{18}Ne, ^{30}S; deduced energies of levels. JOUR NUPAB 834 679c

A=31

^{31}F	2010FA04	NUCLEAR REACTIONS ^{9}Be(^{32}Mg, ^{30}Ne), E=86.7, 99.7 MeV / nucleon; measured Eγ, Iγ, and σ using SeGA array. ^{32}Mg beam from ^{9}Be(^{48}Ca, X), E=140 MeV / nucleon. ^{30}Ne; deduced levels, J, π, intruder configuration. ^{29,31}F; discussed implications for binding energies. ^{32}Mg; deduced configuration. Comparison with large-scale shell model calculations. JOUR PRVCA 81 041302
^{31}Ne	2009AOZZ	NUCLEAR REACTIONS ^{9}Be(^{48}Ca, X), E=345 MeV / nucleon. ^{20,22}C, ^{29,30,31,32}Ne, ^{40,42}Si measured yields. Comparison with EPAX2 calculations. CONF Dub(Nucl Struct and Dynamics,09) Proc,P76
	2009NA39	NUCLEAR REACTIONS Pb, C(^{31}Ne, ^{30}Ne), (^{19}C, ^{18}C) E=230-243 MeV / nucleon; ^{31}Ne, ^{19}C; measured reaction fragments; deduced inclusive one-neutron removal σ, soft E1 excitations for ^{31}Ne, B(E1). Secondary beams from 48Ca fragmentation. JOUR PRLTA 103 262501
^{31}Na	2010DO05	NUCLEAR REACTIONS C(^{32}Na, ^{32}Na'), (^{33}Na, ^{33}Na'), (^{32}Na, ^{31}Na), (^{34}Na, ^{33}Na), E AP 240 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin using DALI2 array. ^{31}Na, ^{32}Na, ^{33}Na; deduced levels, J, π, configurations and relevance to island of inversion nuclei. Comparison with shell-model calculations and level systematics of ^{21,23,25,27,29,31,33}Na nuclei. JOUR PRVCA 81 041305
^{31}Mg	2008MIZL	RADIOACTIVITY ^{31,33}Mg(β^-)[from proton knockout from ^{32}Al, projectile and energy not specified]; measured Eγ, I$\gamma(\theta)$; deduced levels, J, π, polarization γ spectrum. Results on CD only. CONF E.Lansing (NS2008),P141,Miller
^{31}Al	2008MIZL	RADIOACTIVITY ^{31,33}Mg(β^-)[from proton knockout from ^{32}Al, projectile and energy not specified]; measured Eγ, I$\gamma(\theta)$; deduced levels, J, π, polarization γ spectrum. Results on CD only. CONF E.Lansing (NS2008),P141,Miller

A=31 *(continued)*

^{31}Si	2010WA20	NUCLEAR REACTIONS ^{208}Pb(^{36}S, X)^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si, E=215 MeV; measured mass spectrum of Si fragments, Eγ, Iγ, (fragment)γ-, $\gamma\gamma$-coin with CLARA array and PRISMA spectrometer. ^{33}Si; deduced levels, J, π, multipolarity, shell-model configurations. Comparison with large-scale shell model calculations using PSDPFB effective interaction. JOUR PRVCA 81 064301
^{31}P	2009KA37	NUCLEAR REACTIONS ^{30}Si(p, γ), E=1.4-2.7 MeV; measured Eγ, Iγ; deduced excitation function, resonance strength, magnetic dipole resonance strengths for the ground and and first excited states. JOUR BRSPE 73 1506
	2009KW02	ATOMIC MASSES ^{32,33}Si, ^{32}S, ^{31,34}P; measured masses using LEBIT Penning-trap spectrometer; deduced mass excesses. Discussed validity of quadratic form of isobaric multiplet mass equation (IMME). JOUR PRVCA 80 051302
	2010SU16	NUCLEAR REACTIONS ^{12}C(^{22}Mg, p), (^{20}Ne, p), E=70 MeV / nucleon; measured reaction products, proton spectrum; deduced angular and momentum correlations between two protons, space-time information. JOUR IMPEE 19 1823
^{31}S	2010DO03	NUCLEAR REACTIONS ^{9}Be(^{37}Ca, X)^{34}Cl / ^{31}S, E=195.7 MeV / nucleon; measured reaction products, Eγ, Iγ; deduced energies, J, π, $T_{1/2}$. ^{40}Ca fragmentation beams. JOUR NIMAE 613 218

A=32

^{32}Ne	2009AOZZ	NUCLEAR REACTIONS ^{9}Be(^{48}Ca, X), E=345 MeV / nucleon. ^{20,22}C, ^{29,30,31,32}Ne, ^{40,42}Si measured yields. Comparison with EPAX2 calculations. CONF Dub(Nucl Struct and Dynamics,09) Proc,P76
	2009DOZX	NUCLEAR REACTIONS ^{9}Be(^{48}Ca, X), E=345 MeV / nucleon; measured A(particle), Z(particle), Eγ, Iγ, (particle)γ-coin. C(^{32}Ne, X), E=226 MeV / nucleon;C(^{33}Ne, X), E=245 MeV / nucleon; measured Eγ, I$\gamma(\theta)$. ^{32}Ne deduced E(2_1^+). Comparison with data on other Ne isotopes and Utsuno calculations. CONF Dub(Nucl Struct and Dynamics,09) Proc,P82
^{32}Na	2010DO05	NUCLEAR REACTIONS C(^{32}Na, ^{32}Na'), (^{33}Na, ^{33}Na'), (^{32}Na, ^{31}Na), (^{34}Na, ^{33}Na), E AP 240 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin using DALI2 array. ^{31}Na, ^{32}Na, ^{33}Na; deduced levels, J, π, configurations and relevance to island of inversion nuclei. Comparison with shell-model calculations and level systematics of ^{21,23,25,27,29,31,33}Na nuclei. JOUR PRVCA 81 041305
^{32}Mg	2008RAZR	NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{32}Mg, E=140 MeV / nucleon; measured Eγ, I$\gamma(\theta)$, $\gamma\gamma$-coin, E(particle), I(particle), Z(particle), A(particle). ^{32}Mg deduced levels, J, π. Results on CD only. CONF E.Lansing (NS2008),P168,Ratkiewicz

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

	2010FA04	NUCLEAR REACTIONS ^{9}Be(^{32}Mg, ^{30}Ne), E=86.7, 99.7 MeV / nucleon; measured Eγ, Iγ, and σ using SeGA array. ^{32}Mg beam from ^{9}Be(^{48}Ca, X), E=140 MeV / nucleon. ^{30}Ne; deduced levels, J, π, intruder configuration. ^{29,31}F; discussed implications for binding energies. ^{32}Mg; deduced configuration. Comparison with large-scale shell model calculations. JOUR PRVCA 81 041302
	2010WI11	NUCLEAR REACTIONS ^{3}H(^{30}Mg, p), E=1.8 MeV / nucleon; measured recoil proton spectrum, Eγ, Iγ, pγ-coinc. ^{32}Mg; deduced excitation energies, $\sigma(\theta)$, shape coexistence. Comparison with Monte Carlo shell-model calculations. JOUR PRLTA 105 252501
^{32}Si	2009KW02	ATOMIC MASSES ^{32,33}Si, ^{32}S, ^{31,34}P; measured masses using LEBIT Penning-trap spectrometer; deduced mass excesses. Discussed validity of quadratic form of isobaric multiplet mass equation (IMME). JOUR PRVCA 80 051302
	2010WA20	NUCLEAR REACTIONS ^{208}Pb(^{36}S, X)^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si, E=215 MeV; measured mass spectrum of Si fragments, Eγ, Iγ, (fragment)γ-, $\gamma\gamma$-coin with CLARA array and PRISMA spectrometer. ^{33}Si; deduced levels, J, π, multipolarity, shell-model configurations. Comparison with large-scale shell model calculations using PSDPFB effective interaction. JOUR PRVCA 81 064301
^{32}P	2008CHZK	NUCLEAR REACTIONS ^{18}O(^{18}O, X), E=34 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, E(particle), A(particle), Z(particle), I(particle), polarization. ^{32,33,34}P, ^{33}S deduced levels, J, π; calculated levels, J, π, B(E2) using spherical shell model. Results on CD only. CONF E.Lansing (NS2008),P87,Chakrabarti
	2010GH02	NUCLEAR REACTIONS ^{18}O(^{18}O, xnxp), (^{16}O, xnxp)^{32}P / ^{34}P, E=34 MeV;measured Eγ, Iγ, γ-γ-coin.; deduced J, π, level scheme. Comparison with shell model calculations. JOUR PRAMC 75 13
^{32}S	2009KW02	ATOMIC MASSES ^{32,33}Si, ^{32}S, ^{31,34}P; measured masses using LEBIT Penning-trap spectrometer; deduced mass excesses. Discussed validity of quadratic form of isobaric multiplet mass equation (IMME). JOUR PRVCA 80 051302
	2010AD03	RADIOACTIVITY ^{33}Ar(β^+), (EC), (β^+p), (ECp); measured Eγ, Ep, Ip, and βp-, γp-coin. ^{33}Cl; deduced levels, J, π, IAS, logft, and B(GT). ^{32}S; deduced levels, J, π, and proton feedings. Comparison with USD shell-model calculations. Barrier penetration calculations for spin assignments. JOUR PRVCA 81 024311
	2010PA18	NUCLEAR REACTIONS ^{12}C(^{20}Ne, X), E=145, 160 MeV; ^{27}Al(^{20}Ne, X), E=160 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{32}S, ^{47}V; deduced highest spin and high energy excitations from the shapes of giant dipole resonances (GDR), strength functions and parameters using rotating liquid drop model (RLDM) and thermal shape fluctuation model (TSFM). Calculated liquid drop model free energy surfaces, and equilibrium shapes as a function of quadrupole deformation parameters and spin. Possible connection to molecular structure of ^{16}O+^{16}O in the ^{32}S superdeformed band. JOUR PRVCA 81 061302
^{32}Cl	2010WR01	NUCLEAR REACTIONS ^{20}Ne, ^{24}Mg, ^{28}Si, ^{32}S, ^{36}Ar(^{3}He, t), E=32 MeV; measured triton spectra using Q3D magnetic spectrograph; deduced levels, Q values, mass excesses. JOUR PRVCA 81 055503

A=32 *(continued)*

	2010WR01	ATOMIC MASSES ^{20}Na, ^{24}Al, ^{28}P, ^{32}Cl; measured mass excesses using (^{3}He, t) reaction. ^{36}Ar(^{3}He, t)^{36}K used for calibration. Comparison with AME-2003. JOUR PRVCA 81 055503
	2010WR02	NUCLEAR REACTIONS ^{20}Ne, ^{24}Mg, ^{28}Si, ^{32}S, ^{36}Ar(^{3}He, t), E=32 MeV; measured E(t), I(t); deduced levels and resonances. ^{19}Ne, ^{23}Mg, ^{27}Si, ^{31}S, ^{35}Ar(p, γ); deduced improved thermonuclear reaction rates. ^{36}Cl, ^{36}Ar, ^{36}K; analyzed A=36, T=1 triplet states. Comparison with previous experiments. JOUR PRVCA 82 035805
^{32}Ar	2009OBZY	NUCLEAR REACTIONS ^{32}S(p, t), E*=4-13 MeV; ^{34}Ar(p, t), E*=4-12 MeV; ^{40}Ca(p, t), E*=4-13 MeV; measured E(particle), I(particle); deduced energy levels. CONF Cologne (Capture Gamma-Ray Spectroscopy) Proc,P288,OBrien

A=33

^{33}Na	2010DO05	NUCLEAR REACTIONS C(^{32}Na, ^{32}Na'), (^{33}Na, ^{33}Na'), (^{32}Na, ^{31}Na), (^{34}Na, ^{33}Na), E AP 240 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin using DALI2 array. ^{31}Na, ^{32}Na, ^{33}Na; deduced levels, J, π, configurations and relevance to island of inversion nuclei. Comparison with shell-model calculations and level systematics of ^{21,23,25,27,29,31,33}Na nuclei. JOUR PRVCA 81 041305
^{33}Mg	2008MIZL	RADIOACTIVITY ^{31,33}Mg(β^-)[from proton knockout from ^{32}Al, projectile and energy not specified]; measured Eγ, I$\gamma(\theta)$; deduced levels, J, π, polarization γ spectrum. Results on CD only. CONF E.Lansing (NS2008),P141,Miller
	2010KA05	NUCLEAR REACTIONS C(^{33}Mg, ^{32}Mg), E=898 MeV / nucleon; measured ^{32}Mg fragments using MUSIC setup at GSI, σ, longitudinal momentum distribution. ^{33}Mg; deduced ground state configuration, relevance to 'Island of Inversion'. Monte Carlo shell model (MCSM) calculation with the SDPF-M interaction. ^{33}Mg beam produced in Be(^{48}Ca, X) at 1 GeV / nucleon. JOUR PYLBB 685 253
^{33}Al	2008MIZL	RADIOACTIVITY ^{31,33}Mg(β^-)[from proton knockout from ^{32}Al, projectile and energy not specified]; measured Eγ, I$\gamma(\theta)$; deduced levels, J, π, polarization γ spectrum. Results on CD only. CONF E.Lansing (NS2008),P141,Miller
	2009NA41	RADIOACTIVITY ^{33}Al(β^-)[from Be(^{36}S, X), E=77.5 MeV / nucleon]; measured β-NQR spectra from polarized ^{33}Al nuclei. LISE spectrometer at GANIL. JOUR ZAANE 42 383
	2009NA41	NUCLEAR MOMENTS ^{33}Al; measured electric quadrupole moment by β-ray detected nuclear quadrupole resonance (β-NQR) method. Relevance to 'Island of Inversion'. Polarized ^{33}Al nuclei. JOUR ZAANE 42 383
	2009UEZZ	RADIOACTIVITY ^{33}Al(β^-)[from ^{9}Be+^{36}S at 77.5 MeV / nucleon];measured β-NMR from polarized source; deduced electric quadrupole moment. REPT RIKEN 2008 Annual,P22,Ueno

A=33 *(continued)*

^{33}Si	2009KW02	ATOMIC MASSES ^{32,33}Si, ^{32}S, ^{31,34}P; measured masses using LEBIT Penning-trap spectrometer; deduced mass excesses. Discussed validity of quadratic form of isobaric multiplet mass equation (IMME). JOUR PRVCA 80 051302
	2009NA41	RADIOACTIVITY ^{33}Al(β^-)[from Be(^{36}S, X), E=77.5 MeV / nucleon]; measured β-NQR spectra from polarized ^{33}Al nuclei. LISE spectrometer at GANIL. JOUR ZAANE 42 383
	2009UEZZ	RADIOACTIVITY ^{33}Al(β^-)[from ^{9}Be+^{36}S at 77.5 MeV / nucleon];measured β-NMR from polarized source; deduced electric quadrupole moment. REPT RIKEN 2008 Annual,P22,Ueno
	2010WA20	NUCLEAR REACTIONS ^{208}Pb(^{36}S, X)^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si, E=215 MeV; measured mass spectrum of Si fragments, Eγ, Iγ, (fragment)γ-, $\gamma\gamma$-coin with CLARA array and PRISMA spectrometer. ^{33}Si; deduced levels, J, π, multipolarity, shell-model configurations. Comparison with large-scale shell model calculations using PSDPFB effective interaction. JOUR PRVCA 81 064301
^{33}P	2008CHZK	NUCLEAR REACTIONS ^{18}O(^{18}O, X), E=34 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, E(particle), A(particle), Z(particle), I(particle), polarization. ^{32,33,34}P, ^{33}S deduced levels, J, π; calculated levels, J, π, B(E2) using spherical shell model. Results on CD only. CONF E.Lansing (NS2008),P87,Chakrabarti
^{33}S	2008CHZK	NUCLEAR REACTIONS ^{18}O(^{18}O, X), E=34 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, E(particle), A(particle), Z(particle), I(particle), polarization. ^{32,33,34}P, ^{33}S deduced levels, J, π; calculated levels, J, π, B(E2) using spherical shell model. Results on CD only. CONF E.Lansing (NS2008),P87,Chakrabarti
^{33}Cl	2010AD03	RADIOACTIVITY ^{33}Ar(β^+), (EC), (β^+p), (ECp); measured Eγ, Ep, Ip, and βp-, γp-coin. ^{33}Cl; deduced levels, J, π, IAS, logft, and B(GT). ^{32}S; deduced levels, J, π, and proton feedings. Comparison with USD shell-model calculations. Barrier penetration calculations for spin assignments. JOUR PRVCA 81 024311
	2010SU16	NUCLEAR REACTIONS ^{12}C(^{22}Mg, p), (^{20}Ne, p), E=70 MeV / nucleon; measured reaction products, proton spectrum; deduced angular and momentum correlations between two protons, space-time information. JOUR IMPEE 19 1823
^{33}Ar	2010AD03	RADIOACTIVITY ^{33}Ar(β^+), (EC), (β^+p), (ECp); measured Eγ, Ep, Ip, and βp-, γp-coin. ^{33}Cl; deduced levels, J, π, IAS, logft, and B(GT). ^{32}S; deduced levels, J, π, and proton feedings. Comparison with USD shell-model calculations. Barrier penetration calculations for spin assignments. JOUR PRVCA 81 024311
	2010LE03	NUCLEAR REACTIONS ^{1}H(^{34}Ar, d), (^{36}Ar, d), (^{46}Ar, d), E=33 MeV / nucleon; measured Eδ, Iδ; ^{34,36,46}Ar; deduced neutron ground state spectroscopic factors. Comparison with shell model calculations. JOUR PRLTA 104 112701

A=34

^{34}Si	2010WA20	NUCLEAR REACTIONS ^{208}Pb(^{36}S, X)^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si, E=215 MeV; measured mass spectrum of Si fragments, Eγ, Iγ, (fragment)γ-, $\gamma\gamma$-coin with CLARA array and PRISMA spectrometer. ^{33}Si; deduced levels, J, π, multipolarity, shell-model configurations. Comparison with large-scale shell model calculations using PSDPFB effective interaction. JOUR PRVCA 81 064301
	2010ZE03	NUCLEAR REACTIONS ^{34}P(^{7}Li, γ^{7}Be)^{34}Si, E=100 MeV / nucleon; measured Eγ, Iγ, γ-particle coin.; deduced $\sigma(\theta)$, β^+ Gamow-Teller transition strength distribution. Comparison with shell model calculations. JOUR PRLTA 104 212504
^{34}P	2008CHZK	NUCLEAR REACTIONS ^{18}O(^{18}O, X), E=34 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, E(particle), A(particle), Z(particle), I(particle), polarization. ^{32,33,34}P, ^{33}S deduced levels, J, π; calculated levels, J, π, B(E2) using spherical shell model. Results on CD only. CONF E.Lansing (NS2008),P87,Chakrabarti
	2009KW02	ATOMIC MASSES ^{32,33}Si, ^{32}S, ^{31,34}P; measured masses using LEBIT Penning-trap spectrometer; deduced mass excesses. Discussed validity of quadratic form of isobaric multiplet mass equation (IMME). JOUR PRVCA 80 051302
	2010GH02	NUCLEAR REACTIONS ^{18}O(^{18}O, xnxp), (^{16}O, xnxp)^{32}P / ^{34}P, E=34 MeV;measured Eγ, Iγ, γ-γ-coin.; deduced J, π, level scheme. Comparison with shell model calculations. JOUR PRAMC 75 13
^{34}S	2009ER07	RADIOACTIVITY ^{34}Cl, ^{38}K(EC); measured cyclotron frequency ratios; deduced Q-values with high precision.Online Pening trap. JOUR PRLTA 103 252501
	2009KIZW	NUCLEAR REACTIONS ^{33}S(n, γ), E=low; measured Eγ, Iγ; deduced ^{34}S nuclear levels using TELLA-2 analysis. CONF Cologne (Capture Gamma-Ray Spectroscopy) Proc,P575,Kin
	2010WA12	NUCLEAR REACTIONS ^{208}Pb(^{36}S, X)^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{39}S / ^{40}S / ^{41}S, E=215 MeV; measured yields. JOUR PRVCA 81 054305
^{34}Cl	2009ER07	RADIOACTIVITY ^{34}Cl, ^{38}K(EC); measured cyclotron frequency ratios; deduced Q-values with high precision.Online Pening trap. JOUR PRLTA 103 252501
	2010DO03	NUCLEAR REACTIONS ^{9}Be(^{37}Ca, X)^{34}Cl / ^{31}S, E=195.7 MeV / nucleon; measured reaction products, Eγ, Iγ; deduced energies, J, π, $T_{1/2}$. ^{40}Ca fragmentation beams. JOUR NIMAE 613 218
	2010OD01	NUCLEAR REACTIONS ^{208}Pb(^{36}S, X)^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{40}Cl / ^{41}Cl / ^{42}Cl, E=215 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin using PRISMA magnetic spectrometer and the CLARA γ-ray detector array. ^{38}Cl; deduced levels, J, π, and configurations. ^{34,36,38,40}Cl; systematics of 5- and 7+ states. Comparison with shell model calculations. JOUR PRVCA 81 024318
	2011EN01	NUCLEAR REACTIONS ^{36}Ar, Ar(d, α)^{34}Cl / ^{38}Cl, E=8.4 MeV; measured reaction products, Eγ, Iγ; deduced thick target yields. JOUR ARISE 69 75

A=34 *(continued)*

^{34}Ar	2010LE03	NUCLEAR REACTIONS ^{1}H(^{34}Ar, d), (^{36}Ar, d), (^{46}Ar, d), E=33 MeV / nucleon; measured Eδ, Iδ; ^{34,36,46}Ar; deduced neutron ground state spectroscopic factors. Comparison with shell model calculations. JOUR PRLTA 104 112701

A=35

^{35}Si	2010WA20	NUCLEAR REACTIONS ^{208}Pb(^{36}S, X)^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si, E=215 MeV; measured mass spectrum of Si fragments, Eγ, Iγ, (fragment)γ-, $\gamma\gamma$-coin with CLARA array and PRISMA spectrometer. ^{33}Si; deduced levels, J, π, multipolarity, shell-model configurations. Comparison with large-scale shell model calculations using PSDPFB effective interaction. JOUR PRVCA 81 064301
^{35}S	2010WA12	NUCLEAR REACTIONS ^{208}Pb(^{36}S, X)^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{39}S / ^{40}S / ^{41}S, E=215 MeV; measured yields. JOUR PRVCA 81 054305
^{35}Ar	2010LE03	NUCLEAR REACTIONS ^{1}H(^{34}Ar, d), (^{36}Ar, d), (^{46}Ar, d), E=33 MeV / nucleon; measured Eδ, Iδ; ^{34,36,46}Ar; deduced neutron ground state spectroscopic factors. Comparison with shell model calculations. JOUR PRLTA 104 112701

A=36

^{36}Si	2010WA20	NUCLEAR REACTIONS ^{208}Pb(^{36}S, X)^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si, E=215 MeV; measured mass spectrum of Si fragments, Eγ, Iγ, (fragment)γ-, $\gamma\gamma$-coin with CLARA array and PRISMA spectrometer. ^{33}Si; deduced levels, J, π, multipolarity, shell-model configurations. Comparison with large-scale shell model calculations using PSDPFB effective interaction. JOUR PRVCA 81 064301
^{36}S	2008BEZH	NUCLEAR MOMENTS ^{70}Ge, ^{68}Zn, ^{92,94}Zr, ^{36,38,40}S, ^{38,40,42}Ar; measured hyperfine spectra, Doppler-shifted γ-spectra; deduced g factors. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P49,Benczer-Kolle
	2008CHZL	RADIOACTIVITY ^{76}Ge($2\beta^-$);^{36}Ar(2EC); measured Eγ, Iγ, electron spectrum; deduced $2\beta(0\nu)$-decay $T_{1/2}$. Heidelberg-Moscow and Gerda experiments. PREPRINT arXiv:0812.1206v1 [nucl-ex]
	2010WA12	NUCLEAR REACTIONS ^{208}Pb(^{36}S, X)^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{39}S / ^{40}S / ^{41}S, E=215 MeV; measured yields. JOUR PRVCA 81 054305
^{36}Cl	2010OD01	NUCLEAR REACTIONS ^{208}Pb(^{36}S, X)^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{40}Cl / ^{41}Cl / ^{42}Cl, E=215 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin using PRISMA magnetic spectrometer and the CLARA γ-ray detector array. ^{38}Cl; deduced levels, J, π, and configurations. ^{34,36,38,40}Cl; systematics of 5- and 7+ states. Comparison with shell model calculations. JOUR PRVCA 81 024318

A=36 *(continued)*

	2010WR02	NUCLEAR REACTIONS ^{20}Ne, ^{24}Mg, ^{28}Si, ^{32}S, ^{36}Ar(^{3}He, t), E=32 MeV; measured E(t), I(t); deduced levels and resonances. ^{19}Ne, ^{23}Mg, ^{27}Si, ^{31}S, ^{35}Ar(p, γ); deduced improved thermonuclear reaction rates. ^{36}Cl, ^{36}Ar, ^{36}K; analyzed A=36, T=1 triplet states. Comparison with previous experiments. JOUR PRVCA 82 035805
^{36}Ar	2008CHZL	RADIOACTIVITY ^{76}Ge($2\beta^-$);^{36}Ar(2EC); measured Eγ, Iγ, electron spectrum; deduced $2\beta(0\nu)$-decay $T_{1/2}$. Heidelberg-Moscow and Gerda experiments. PREPRINT arXiv:0812.1206v1 [nucl-ex]
	2010LE03	NUCLEAR REACTIONS ^{1}H(^{34}Ar, d), (^{36}Ar, d), (^{46}Ar, d), E=33 MeV / nucleon; measured Eδ, Iδ; ^{34,36,46}Ar; deduced neutron ground state spectroscopic factors. Comparison with shell model calculations. JOUR PRLTA 104 112701
	2010SC21	NUCLEAR REACTIONS ^{40}Ca(^{40}Ca, α), E=50 MeV / nucleon; measured Eα, Iα, σ, $\sigma(\theta)$. ^{36}Ar; deduced missing energy spectrum, levels, J, π. Comparison of $\sigma(\theta)$ with calculations using time-dependent Schroedinger equation (TDSE). JOUR PRVCA 82 031301
	2010WR02	NUCLEAR REACTIONS ^{20}Ne, ^{24}Mg, ^{28}Si, ^{32}S, ^{36}Ar(^{3}He, t), E=32 MeV; measured E(t), I(t); deduced levels and resonances. ^{19}Ne, ^{23}Mg, ^{27}Si, ^{31}S, ^{35}Ar(p, γ); deduced improved thermonuclear reaction rates. ^{36}Cl, ^{36}Ar, ^{36}K; analyzed A=36, T=1 triplet states. Comparison with previous experiments. JOUR PRVCA 82 035805
^{36}K	2008AMZX	RADIOACTIVITY ^{36,37}Ca[from ^{38}Ca[from ^{9}Be(^{40}Ca, ^{38}Ca), E=140 MeV / nucleon]]; ^{36}K[from ^{37}K[from ^{9}Be(^{40}Ca, ^{37}K), E=140 MeV / nucleon]]; measured Eγ, Iγ, $\gamma\gamma$-coin; deduced E, J, π. Results on CD only. CONF E.Lansing (NS2008),P74,Amthor
	2010BE01	NUCLEAR REACTIONS ^{197}Au(^{68}Ni, ^{68}Ni'), E=600 MeV / nucleon; ^{197}Au(^{54}Cr, ^{54}Cr'), E=100 MeV / nucleon; ^{197}Au(^{132}Xe, ^{132}Xe'), E=100 MeV / nucleon;^{27}Al(p, 2p), E> 100 MeV; Ge, ^{27}Al(n, n'), E not given; Be(^{37}Ca, X)^{36}K, E=200 MeV / nucleon; measured reaction fragments, Eγ, Iγ; deduced energy levels, B(E2) values, lifetimes, $\sigma(\theta)$. JOUR APOBB 41 505
	2010WR01	NUCLEAR REACTIONS ^{20}Ne, ^{24}Mg, ^{28}Si, ^{32}S, ^{36}Ar(^{3}He, t), E=32 MeV; measured triton spectra using Q3D magnetic spectrograph; deduced levels, Q values, mass excesses. JOUR PRVCA 81 055503
	2010WR02	NUCLEAR REACTIONS ^{20}Ne, ^{24}Mg, ^{28}Si, ^{32}S, ^{36}Ar(^{3}He, t), E=32 MeV; measured E(t), I(t); deduced levels and resonances. ^{19}Ne, ^{23}Mg, ^{27}Si, ^{31}S, ^{35}Ar(p, γ); deduced improved thermonuclear reaction rates. ^{36}Cl, ^{36}Ar, ^{36}K; analyzed A=36, T=1 triplet states. Comparison with previous experiments. JOUR PRVCA 82 035805
^{36}Ca	2008AMZX	RADIOACTIVITY ^{36,37}Ca[from ^{38}Ca[from ^{9}Be(^{40}Ca, ^{38}Ca), E=140 MeV / nucleon]]; ^{36}K[from ^{37}K[from ^{9}Be(^{40}Ca, ^{37}K), E=140 MeV / nucleon]]; measured Eγ, Iγ, $\gamma\gamma$-coin; deduced E, J, π. Results on CD only. CONF E.Lansing (NS2008),P74,Amthor
	2008AZZZ	NUCLEAR REACTIONS ^{9}Be(^{37}Ca, n), E=60 Mev / nucleon; measured Eγ, Iγ, reaction products; ^{36}Ca; deduced level energies, J, π.Comparison with ^{36}S. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P39,Azaiez

A=37

^{37}S	2010WA12	NUCLEAR REACTIONS ^{208}Pb(^{36}S, X)^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{39}S / ^{40}S / ^{41}S, E=215 MeV; measured yields. JOUR PRVCA 81 054305
^{37}Cl	2010OD01	NUCLEAR REACTIONS ^{208}Pb(^{36}S, X)^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{40}Cl / ^{41}Cl / ^{42}Cl, E=215 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin using PRISMA magnetic spectrometer and the CLARA γ-ray detector array. ^{38}Cl; deduced levels, J, π, and configurations. ^{34,36,38,40}Cl; systematics of 5- and 7+ states. Comparison with shell model calculations. JOUR PRVCA 81 024318
^{37}Ar	2008MIZK	RADIOACTIVITY ^{37}K(EC); measured Eβ, Iβ using quadrupole resonance;deduced quadrupole moment. Results on CD only. CONF E.Lansing (NS2008),P142,Minamisono
^{37}K	2008MIZK	RADIOACTIVITY ^{37}K(EC); measured Eβ, Iβ using quadrupole resonance;deduced quadrupole moment. Results on CD only. CONF E.Lansing (NS2008),P142,Minamisono
^{37}Ca	2008AMZX	RADIOACTIVITY ^{36,37}Ca[from ^{38}Ca[from ^{9}Be(^{40}Ca, ^{38}Ca), E=140 MeV / nucleon]]; ^{36}K[from ^{37}K[from ^{9}Be(^{40}Ca, ^{37}K), E=140 MeV / nucleon]]; measured Eγ, Iγ, $\gamma\gamma$-coin; deduced E, J, π. Results on CD only. CONF E.Lansing (NS2008),P74,Amthor

A=38

^{38}S	2008BEZH	NUCLEAR MOMENTS ^{70}Ge, ^{68}Zn, ^{92,94}Zr, ^{36,38,40}S, ^{38,40,42}Ar; measured hyperfine spectra, Doppler-shifted γ-spectra; deduced g factors. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P49,Benczer-Kolle
	2010WA12	NUCLEAR REACTIONS ^{208}Pb(^{36}S, X), E=215 MeV; measured Eγ, Iγ, (particle)γ-, $\gamma\gamma$-coin using PRISMA spectrometer and CLARA array. ^{40}S; deduced levels, J, π, B(E2), configurations. Comparison with previous work and large-scale sd-pf shell model calculations. Systematics of energies of first 2+ and 4+ states and B(E2) for ^{38,40,42,44}S nuclei. ^{38}S; measured Eγ, Iγ. JOUR PRVCA 81 054305
	2010WA12	NUCLEAR REACTIONS ^{208}Pb(^{36}S, X)^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{39}S / ^{40}S / ^{41}S, E=215 MeV; measured yields. JOUR PRVCA 81 054305
^{38}Cl	2010OD01	NUCLEAR REACTIONS ^{208}Pb(^{36}S, X)^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{40}Cl / ^{41}Cl / ^{42}Cl, E=215 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin using PRISMA magnetic spectrometer and the CLARA γ-ray detector array. ^{38}Cl; deduced levels, J, π, and configurations. ^{34,36,38,40}Cl; systematics of 5- and 7+ states. Comparison with shell model calculations. JOUR PRVCA 81 024318
	2011EN01	NUCLEAR REACTIONS ^{36}Ar, Ar(d, α)^{34}Cl / ^{38}Cl, E=8.4 MeV; measured reaction products, Eγ, Iγ; deduced thick target yields. JOUR ARISE 69 75
^{38}Ar	2008BEZH	NUCLEAR MOMENTS ^{70}Ge, ^{68}Zn, ^{92,94}Zr, ^{36,38,40}S, ^{38,40,42}Ar; measured hyperfine spectra, Doppler-shifted γ-spectra; deduced g factors. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P49,Benczer-Kolle

A=38 *(continued)*

	2009ER07	RADIOACTIVITY ^{34}Cl, ^{38}K(EC); measured cyclotron frequency ratios; deduced Q-values with high precision.Online Pening trap. JOUR PRLTA 103 252501
	2010BA43	RADIOACTIVITY ^{38m}K(β^+)[^{38}K beam from Ca(p, X), E=500 MeV]; measured integral activity using a 4π continuous gas flow proportional β counter, half-life; deduced Ft value for superallowed β transition. Comparison with previous half-life measurements. JOUR PRVCA 82 045501
^{38}K	2008SVZX	RADIOACTIVITY ^{62}Ga; measured Iβ, Eγ, Iγ, $\beta\gamma$-coin, $\gamma\gamma$-coin; deduced $T_{1/2}$, log ft, branching ratio; calculated isospin symmetry breaking using shell model; ^{26}Na(β^-); measured Iβ(t), Iγ(t); deduced $T_{1/2}$; ^{18}Ne; measured Eγ, Iγ, Iβ(t), $\beta\gamma$-coin, $\gamma\gamma$-coin; deduced $T_{1/2}$; ^{38}K; measured Iβ(t); deduced isomer decay, $T_{1/2}$, M3 branching ratio, log ft; ^{74}Rb; measured decay products; deduced $T_{1/2}$, branching ratio, log ft. Results on CD only. CONF E.Lansing (NS2008),P19,Svensson
	2009ER07	RADIOACTIVITY ^{34}Cl, ^{38}K(EC); measured cyclotron frequency ratios; deduced Q-values with high precision.Online Pening trap. JOUR PRLTA 103 252501
	2010BA43	RADIOACTIVITY ^{38m}K(β^+)[^{38}K beam from Ca(p, X), E=500 MeV]; measured integral activity using a 4π continuous gas flow proportional β counter, half-life; deduced Ft value for superallowed β transition. Comparison with previous half-life measurements. JOUR PRVCA 82 045501
	2010BL09	RADIOACTIVITY ^{38}Ca(β^+), ^{39}Ca(β^+)[from Ti(p, X), E=1.4 GeV]; measured CaF molecule ToF, Eβ, Iβ(t); deduced $T_{1/2}$. Comparison with other results. JOUR ZAANE 44 363
^{38}Ca	2008KOYY	RADIOACTIVITY ^{17}Ne; measured ToF versus field frequency; deduced isotope shift, mass mass excess, charge radius, halo nuclei; calculated mass excess, separation energy, proton, neutron density distribution using FMD; ^{38}Ca; ^{26}Al; ^{80}Zn;^{81}Zn;^{132}Sn;^{134}Sn; measured ToF versus frequency detuning; deduced Q-value, mass excess. Neutrons in ^{17}Ne spherical, protons cluster-like form. Results on CD only. CONF E.Lansing (NS2008),P20,Kowalska
	2009OBZY	NUCLEAR REACTIONS ^{32}S(p, t), E*=4-13 MeV; ^{34}Ar(p, t), E*=4-12 MeV; ^{40}Ca(p, t), E*=4-13 MeV; measured E(particle), I(particle); deduced energy levels. CONF Cologne (Capture Gamma-Ray Spectroscopy) Proc,P288,OBrien
	2010BL09	RADIOACTIVITY ^{38}Ca(β^+), ^{39}Ca(β^+)[from Ti(p, X), E=1.4 GeV]; measured CaF molecule ToF, Eβ, Iβ(t); deduced $T_{1/2}$. Comparison with other results. JOUR ZAANE 44 363

A=39

^{39}S	2010WA12	NUCLEAR REACTIONS ^{208}Pb(^{36}S, X)^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{39}S / ^{40}S / ^{41}S, E=215 MeV; measured yields. JOUR PRVCA 81 054305

A=39 *(continued)*

^{39}Cl	2010OD01	NUCLEAR REACTIONS ^{208}Pb(^{36}S, X)^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{40}Cl / ^{41}Cl / ^{42}Cl, E=215 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin using PRISMA magnetic spectrometer and the CLARA γ-ray detector array. ^{38}Cl; deduced levels, J, π, and configurations. ^{34,36,38,40}Cl; systematics of 5- and 7+ states. Comparison with shell model calculations. JOUR PRVCA 81 024318
^{39}Ar	2008LEZF	RADIOACTIVITY ^{39m}K(β^+); measured Eγ, Iγ, $\beta\gamma$-coin; deduced branching ratio, B(M3), log ft. Results on CD only. CONF E.Lansing (NS2008),P131,Leach
^{39}K	2008LEZF	RADIOACTIVITY ^{39m}K(β^+); measured Eγ, Iγ, $\beta\gamma$-coin; deduced branching ratio, B(M3), log ft. Results on CD only. CONF E.Lansing (NS2008),P131,Leach
	2010BL09	RADIOACTIVITY ^{38}Ca(β^+), ^{39}Ca(β^+)[from Ti(p, X), E=1.4 GeV]; measured CaF molecule ToF, Eβ, Iβ(t); deduced $T_{1/2}$. Comparison with other results. JOUR ZAANE 44 363
	2010YA05	NUCLEAR REACTIONS ^{40}Ca(polarized p, 2p), E=392 MeV; measured Ep, Ip, σ, recoil-momemntum distributions, and analyzing powers using Grand Raiden spectrometer. ^{39}K; deduced levels, strength distributions, centroid energies, widths, spectroscopic factors. ^{40}Ca; deduced spectroscopic factors and strength distributions for the deeply bound orbitals. DWIA analysis. Comparison with predictions of Independent-Particle shell Model. JOUR PRVCA 81 044315
^{39}Ca	2010BL09	RADIOACTIVITY ^{38}Ca(β^+), ^{39}Ca(β^+)[from Ti(p, X), E=1.4 GeV]; measured CaF molecule ToF, Eβ, Iβ(t); deduced $T_{1/2}$. Comparison with other results. JOUR ZAANE 44 363

A=40

^{40}Si	2009AOZZ	NUCLEAR REACTIONS ^{9}Be(^{48}Ca, X), E=345 MeV / nucleon. ^{20,22}C, ^{29,30,31,32}Ne, ^{40,42}Si measured yields. Comparison with EPAX2 calculations. CONF Dub(Nucl Struct and Dynamics,09) Proc,P76
^{40}S	2008BEZH	NUCLEAR MOMENTS ^{70}Ge, ^{68}Zn, ^{92,94}Zr, ^{36,38,40}S, ^{38,40,42}Ar; measured hyperfine spectra, Doppler-shifted γ-spectra; deduced g factors. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P49,Benczer-Kolle
	2009RI12	ATOMIC MASSES ^{40,41,42,43,44}S; measured precise mass excesses using LEBIT Penning trap mass spectrometer. Comparison with other recent mass measurements. Systematics of S(2n) values for N=24-30, Z=15-18 nuclides. JOUR PRVCA 80 064321
	2010WA12	NUCLEAR REACTIONS ^{208}Pb(^{36}S, X), E=215 MeV; measured Eγ, Iγ, (particle)γ-, $\gamma\gamma$-coin using PRISMA spectrometer and CLARA array. ^{40}S; deduced levels, J, π, B(E2), configurations. Comparison with previous work and large-scale sd-pf shell model calculations. Systematics of energies of first 2+ and 4+ states and B(E2) for ^{38,40,42,44}S nuclei. ^{38}S; measured Eγ, Iγ. JOUR PRVCA 81 054305
	2010WA12	NUCLEAR REACTIONS ^{208}Pb(^{36}S, X)^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{39}S / ^{40}S / ^{41}S, E=215 MeV; measured yields. JOUR PRVCA 81 054305

A=40 *(continued)*

^{40}Cl	2010OD01	NUCLEAR REACTIONS ^{208}Pb(^{36}S, X)^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{40}Cl / ^{41}Cl / ^{42}Cl, E=215 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin using PRISMA magnetic spectrometer and the CLARA γ-ray detector array. ^{38}Cl; deduced levels, J, π, and configurations. ^{34,36,38,40}Cl; systematics of 5- and 7+ states. Comparison with shell model calculations. JOUR PRVCA 81 024318
^{40}Ar	2008BEZH	NUCLEAR MOMENTS ^{70}Ge, ^{68}Zn, ^{92,94}Zr, ^{36,38,40}S, ^{38,40,42}Ar; measured hyperfine spectra, Doppler-shifted γ-spectra; deduced g factors. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P49,Benczer-Kolle
	2010ID02	NUCLEAR REACTIONS ^{26}Mg(^{18}O, 2n2p), E=69 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, (particle)γ-coin using Gemini-II and Si-Ball detector arrays. ^{40}Ar; deduced levels, J, π, deformation, related features and lifetimes using DSA; calculated configuration using HFB method. Comparison with ^{36}Ar and ^{40}Ca systematics. JOUR PYLBB 686 18
^{40}K	2008GUZQ	NUCLEAR REACTIONS ^{39,41}K(n, γ), E=10-64 keV; ^{55}Mn(n, γ), E=20-40 keV; measured Eγ, Iγ, En, In using TOF; deduced σ; calculated σ using SAMMY code with ENDF / B-VI and JENDL-3.2 resonance parameters; evaluated σ, transmission data. ORELA facility. CONF Nice (Nucl Data for Sci and Technol) Proc,P403
	2009BH09	NUCLEAR REACTIONS ^{40}Ar(p, n), E=120, 160 MeV; measured E(n), I(n) by time-of-flight method using peak-shape fitting parameters from ^{13}C(p, n)^{13}N, E=120, 160 MeV reaction. ^{40}K; deduced levels and B(GT). Comparison of B(GT) strengths from ^{40}Ti(β^+). ^{40}Ar(ν, e)^{40}K; deduced capture cross section. JOUR PRVCA 80 055501
^{40}Ca	2009FU17	NUCLEAR REACTIONS ^{12}C, ^{16}O, ^{40,42,48}Ca(^{7}Li, tα)^{12}C / ^{16}O / ^{40}Ca / ^{42}Ca / ^{48}Ca / ^{44}Ti / ^{46}Ti / ^{52}Ti, E=26.0 MeV; measured particle-spectra, tα-coin, and t$\alpha(\theta)$; deduced relative ratios of reaction cross sections. ^{44,46,52}Ti; deduced levels, J, π, α-cluster states. Comparison with other experimental data. JOUR PRVCA 80 064613
	2010DO03	NUCLEAR REACTIONS ^{9}Be(^{37}Ca, X)^{34}Cl / ^{31}S, E=195.7 MeV / nucleon; measured reaction products, Eγ, Iγ; deduced energies, J, π, $T_{1/2}$. ^{40}Ca fragmentation beams. JOUR NIMAE 613 218
	2010KR06	NUCLEAR REACTIONS ^{40,48}Ca(^{6}Li, ^{6}Li), (^{6}Li, ^{6}Li'), E=240 MeV; measured σ, $\sigma(\theta)$; deduced optical model parameters B(E2) for first 2+ states, B(E3) for first 3- states, isoscalar giant-monopole resonance (ISGMR) strength, EWSR. DWBA analysis. Comparison with theoretical calculations using density-dependent double-folding (DDF) model with M3Y-NN effective interaction. JOUR PRVCA 81 044612
	2010YA05	NUCLEAR REACTIONS ^{40}Ca(polarized p, 2p), E=392 MeV; measured Ep, Ip, σ, recoil-momemntum distributions, and analyzing powers using Grand Raiden spectrometer. ^{39}K; deduced levels, strength distributions, centroid energies, widths, spectroscopic factors. ^{40}Ca; deduced spectroscopic factors and strength distributions for the deeply bound orbitals. DWIA analysis. Comparison with predictions of Independent-Particle shell Model. JOUR PRVCA 81 044315

A=41

^{41}S	2009RI12	ATOMIC MASSES ^{40,41,42,43,44}S; measured precise mass excesses using LEBIT Penning trap mass spectrometer. Comparison with other recent mass measurements. Systematics of S(2n) values for N=24-30, Z=15-18 nuclides. JOUR PRVCA 80 064321
	2010WA12	NUCLEAR REACTIONS ^{208}Pb(^{36}S, X)^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{39}S / ^{40}S / ^{41}S, E=215 MeV; measured yields. JOUR PRVCA 81 054305
^{41}Cl	2010OD01	NUCLEAR REACTIONS ^{208}Pb(^{36}S, X)^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{40}Cl / ^{41}Cl / ^{42}Cl, E=215 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin using PRISMA magnetic spectrometer and the CLARA γ-ray detector array. ^{38}Cl; deduced levels, J, π, and configurations. ^{34,36,38,40}Cl; systematics of 5- and 7+ states. Comparison with shell model calculations. JOUR PRVCA 81 024318

A=42

^{42}Si	2008AZZZ	NUCLEAR REACTIONS ^{9}Be(^{42}Si, ^{42}Si'), E not given; measured Eγ, Iγ, reaction products; ^{42}Si; deduced level energies, J, π. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P39,Azaiez
	2009AOZZ	NUCLEAR REACTIONS ^{9}Be(^{48}Ca, X), E=345 MeV / nucleon. ^{20,22}C, ^{29,30,31,32}Ne, ^{40,42}Si measured yields. Comparison with EPAX2 calculations. CONF Dub(Nucl Struct and Dynamics,09) Proc,P76
^{42}S	2009RI12	ATOMIC MASSES ^{40,41,42,43,44}S; measured precise mass excesses using LEBIT Penning trap mass spectrometer. Comparison with other recent mass measurements. Systematics of S(2n) values for N=24-30, Z=15-18 nuclides. JOUR PRVCA 80 064321
^{42}Cl	2010OD01	NUCLEAR REACTIONS ^{208}Pb(^{36}S, X)^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{40}Cl / ^{41}Cl / ^{42}Cl, E=215 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin using PRISMA magnetic spectrometer and the CLARA γ-ray detector array. ^{38}Cl; deduced levels, J, π, and configurations. ^{34,36,38,40}Cl; systematics of 5- and 7+ states. Comparison with shell model calculations. JOUR PRVCA 81 024318
^{42}Ar	2008BEZH	NUCLEAR MOMENTS ^{70}Ge, ^{68}Zn, ^{92,94}Zr, ^{36,38,40}S, ^{38,40,42}Ar; measured hyperfine spectra, Doppler-shifted γ-spectra; deduced g factors. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P49,Benczer-Kolle
	2010ME05	NUCLEAR REACTIONS ^{208}Pb(^{48}Ca, X)^{42}Ar / ^{43}Ar / ^{44}Ar / ^{45}Ar / ^{46}Ar, E=310 MeV; measured Eγ, Iγ, (recoils)γ-coin, and half-lives by differential RDDS method. CLARA-PRISMA system. ^{44,46}Ar; deduced levels, B(E2). Comparison with shell-model calculations. JOUR NUPAB 834 69c
	2010ME07	NUCLEAR REACTIONS ^{208}Pb(^{48}Ca, X)^{42}Ar / ^{43}Ar / ^{44}Ar / ^{45}Ar / ^{46}Ar, E=310 MeV; measured Eγ, Iγ, (recoils)γ-coin, and half-lives by differential RDDS method. CLARA-PRISMA system. ^{44,46}Ar; deduced levels, B(E2). Comparison with shell-model calculations. JOUR PRVCA 82 024308

A=42 *(continued)*

^{42}K	2008GUZQ	NUCLEAR REACTIONS ^{39,41}K(n, γ), E=10-64 keV; ^{55}Mn(n, γ), E=20-40 keV; measured Eγ, Iγ, En, In using TOF; deduced σ; calculated σ using SAMMY code with ENDF / B-VI and JENDL-3.2 resonance parameters; evaluated σ, transmission data. ORELA facility. CONF Nice (Nucl Data for Sci and Technol) Proc,P403
^{42}Ca	2009FU17	NUCLEAR REACTIONS ^{12}C, ^{16}O, ^{40,42,48}Ca(^{7}Li, tα)^{12}C / ^{16}O / ^{40}Ca / ^{42}Ca / ^{48}Ca / ^{44}Ti / ^{46}Ti / ^{52}Ti, E=26.0 MeV; measured particle-spectra, tα-coin, and t$\alpha(\theta)$; deduced relative ratios of reaction cross sections. ^{44,46,52}Ti; deduced levels, J, π, α-cluster states. Comparison with other experimental data. JOUR PRVCA 80 064613
^{42}Sc	2010FUZZ	NUCLEAR REACTIONS ^{9}Be, ^{23}Na, ^{25}Mg, ^{42}Ca, ^{46}Ti, ^{50}Cr, ^{54}Fe, ^{58}Ni, ^{118}Sn(^{3}He, t), E=140 MeV / nucleon; measured Eγ, Iγ, reaction products; deduced dσ(E); GT strength. CONF Varenna (Nucl Reaction Mechanisms),Proc,Vol.1,P39

A=43

^{43}S	2009RI12	ATOMIC MASSES ^{40,41,42,43,44}S; measured precise mass excesses using LEBIT Penning trap mass spectrometer. Comparison with other recent mass measurements. Systematics of S(2n) values for N=24-30, Z=15-18 nuclides. JOUR PRVCA 80 064321
^{43}Ar	2010ME05	NUCLEAR REACTIONS ^{208}Pb(^{48}Ca, X)^{42}Ar / ^{43}Ar / ^{44}Ar / ^{45}Ar / ^{46}Ar, E=310 MeV; measured Eγ, Iγ, (recoils)γ-coin, and half-lives by differential RDDS method. CLARA-PRISMA system. ^{44,46}Ar; deduced levels, B(E2). Comparison with shell-model calculations. JOUR NUPAB 834 69c
	2010ME07	NUCLEAR REACTIONS ^{208}Pb(^{48}Ca, X)^{42}Ar / ^{43}Ar / ^{44}Ar / ^{45}Ar / ^{46}Ar, E=310 MeV; measured Eγ, Iγ, (recoils)γ-coin, and half-lives by differential RDDS method. CLARA-PRISMA system. ^{44,46}Ar; deduced levels, B(E2). Comparison with shell-model calculations. JOUR PRVCA 82 024308
^{43}V	2009MI29	RADIOACTIVITY ^{45}Fe(2p), (β^+) [from Ni(^{58}Ni, X), E=161 MeV / nucleon]; ^{43}Cr(β^+); measured p-spectra; deduced $T_{1/2}$, branching ratios. JOUR ZAANE 42 431
^{43}Cr	2009MI29	RADIOACTIVITY ^{45}Fe(2p), (β^+) [from Ni(^{58}Ni, X), E=161 MeV / nucleon]; ^{43}Cr(β^+); measured p-spectra; deduced $T_{1/2}$, branching ratios. JOUR ZAANE 42 431

A=44

^{44}S	2009RI12	ATOMIC MASSES ^{40,41,42,43,44}S; measured precise mass excesses using LEBIT Penning trap mass spectrometer. Comparison with other recent mass measurements. Systematics of S(2n) values for N=24-30, Z=15-18 nuclides. JOUR PRVCA 80 064321

A=44 *(continued)*

	2010FO04	NUCLEAR REACTIONS Be(^{48}Ca, X)^{44}S, E=60 MeV / nucleon; measured electron spectra, Eγ, Iγ. ^{44}S; deduced J, π, level scheme, B(E2), monopole strength, deformation parameter. Comparison with shell model calculations. JOUR PRLTA 105 102501
^{44}Cl	2010DE11	NUCLEAR REACTIONS ^{9}Be(^{48}Ca, X)^{44}Cl, E=60 MeV / nucleon; measured β-NMR resonance Larmor frequency; deduced g factor, levels, J, π, configurations. JOUR PRVCA 81 034308
	2010DE11	NUCLEAR MOMENTS ^{44}Cl; measured g factor by Larmor frequency using β-NMR method. Comparison with systematics of ^{39,41,43,45}Cl, ^{46}K and with shell-model calculations. JOUR PRVCA 81 034308
^{44}Ar	2010ME05	NUCLEAR REACTIONS ^{208}Pb(^{48}Ca, X)^{42}Ar / ^{43}Ar / ^{44}Ar / ^{45}Ar / ^{46}Ar, E=310 MeV; measured Eγ, Iγ, (recoils)γ-coin, and half-lives by differential RDDS method. CLARA-PRISMA system. ^{44,46}Ar; deduced levels, B(E2). Comparison with shell-model calculations. JOUR NUPAB 834 69c
	2010ME07	NUCLEAR REACTIONS ^{208}Pb(^{48}Ca, X)^{42}Ar / ^{43}Ar / ^{44}Ar / ^{45}Ar / ^{46}Ar, E=310 MeV; measured Eγ, Iγ, (recoils)γ-coin, and half-lives by differential RDDS method. CLARA-PRISMA system. ^{44,46}Ar; deduced levels, B(E2). Comparison with shell-model calculations. JOUR PRVCA 82 024308
^{44}Sc	2010GA03	NUCLEAR REACTIONS Ti(d, X)^{47}V / ^{48}V / ^{44}Sc / ^{46}Sc / ^{47}Sc / ^{48}Sc / ^{51}Ti, E=3-9 MeV; measured Eγ, Iγ; deduced σ, ^{47}V / ^{46}Sc EOB ratio. JOUR NIMBE 268 1392
^{44}Ti	2009FU17	NUCLEAR REACTIONS ^{12}C, ^{16}O, ^{40,42,48}Ca(^{7}Li, tα)^{12}C / ^{16}O / ^{40}Ca / ^{42}Ca / ^{48}Ca / ^{44}Ti / ^{46}Ti / ^{52}Ti, E=26.0 MeV; measured particle-spectra, tα-coin, and t$\alpha(\theta)$; deduced relative ratios of reaction cross sections. ^{44,46,52}Ti; deduced levels, J, π, α-cluster states. Comparison with other experimental data. JOUR PRVCA 80 064613

A=45

^{45}Ar	2010LE03	NUCLEAR REACTIONS ^{1}H(^{34}Ar, d), (^{36}Ar, d), (^{46}Ar, d), E=33 MeV / nucleon; measured Eδ, Iδ; ^{34,36,46}Ar; deduced neutron ground state spectroscopic factors. Comparison with shell model calculations. JOUR PRLTA 104 112701
	2010ME05	NUCLEAR REACTIONS ^{208}Pb(^{48}Ca, X)^{42}Ar / ^{43}Ar / ^{44}Ar / ^{45}Ar / ^{46}Ar, E=310 MeV; measured Eγ, Iγ, (recoils)γ-coin, and half-lives by differential RDDS method. CLARA-PRISMA system. ^{44,46}Ar; deduced levels, B(E2). Comparison with shell-model calculations. JOUR NUPAB 834 69c
	2010ME07	NUCLEAR REACTIONS ^{208}Pb(^{48}Ca, X)^{42}Ar / ^{43}Ar / ^{44}Ar / ^{45}Ar / ^{46}Ar, E=310 MeV; measured Eγ, Iγ, (recoils)γ-coin, and half-lives by differential RDDS method. CLARA-PRISMA system. ^{44,46}Ar; deduced levels, B(E2). Comparison with shell-model calculations. JOUR PRVCA 82 024308

A=45 *(continued)*

^{45}Ca	2010QA01	NUCLEAR REACTIONS Ti(p, X)^{45}Ca / ^{49}V, E<200 MeV; Pb(p, X)^{204}Tl, E<90 MeV; measured Ee, Ie, x-rays, Eγ, Iγ; deduced σ. Radiochemical techniques, comparison with ALICE-IPPE and TALYS codes. JOUR RAACA 98 447
^{45}Cr	2008AZZZ	NUCLEAR REACTIONS ^{9}Be(^{37}Ca, n), E=60 Mev / nucleon; measured Eγ, Iγ, reaction products; ^{36}Ca; deduced level energies, J, π.Comparison with ^{36}S. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P39,Azaiez
^{45}Mn	2009MI29	RADIOACTIVITY ^{45}Fe(2p), (β^+) [from Ni(^{58}Ni, X), E=161 MeV / nucleon]; ^{43}Cr(β^+); measured p-spectra; deduced $T_{1/2}$, branching ratios. JOUR ZAANE 42 431
^{45}Fe	2008PFZY	RADIOACTIVITY ^{45}Fe[from Ni(^{58}Ni, x), E=161 MeV / nucleon]; measured Ep, Ip(θ), pp-coin, pβ-coin, pp angular correlations. ^{45}Fe deduced 2p decay, pβ decay, 2pβ decay, 3pβ decay, partial $T_{1/2}$. Compared to other data and calculations. Results on CD only. CONF E.Lansing (NS2008),P69,Pfutzner
	2009MI29	NUCLEAR REACTIONS Ni(^{58}Ni, X)^{45}Fe, E=161 MeV / nucleon; measured p-spectra, α-spectra, (recoil)p-coin, recoil energy and angular correlation in a kinematically complete experiment. ^{45}Fe; deduced $T_{1/2}$, branching ratios. Comparison with three-body model. TOF with Optical Time Projection Chamber. JOUR ZAANE 42 431
	2009MI29	RADIOACTIVITY ^{45}Fe(2p), (β^+) [from Ni(^{58}Ni, X), E=161 MeV / nucleon]; ^{43}Cr(β^+); measured p-spectra; deduced $T_{1/2}$, branching ratios. JOUR ZAANE 42 431

A=46

^{46}Ar	2008FOZV	NUCLEAR REACTIONS ^{238}U(^{48}Ca, X)^{51}Ca / ^{46}Ar, E=330 MeV; measured reaction products, Eγ, Iγ, γ-γ-coin.; deduced energy levels, J, π, yrast structures. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P283,Fornal
	2009ME23	NUCLEAR REACTIONS ^{208}Pb(^{48}Ca, X)^{46}Ar / ^{46}Ca / ^{50}Ca, E=310 MeV; measured Eγ, Iγ using CLARA and PRISMA spectrometers and the differential Recoil Distance Doppler Shift method. ^{46}Ar, ^{46,50}Ca; deduced isomer $T_{1/2}$, transition energies. Comparison with simulations. JOUR ZAANE 42 387
	2010LE03	NUCLEAR REACTIONS ^{1}H(^{34}Ar, d), (^{36}Ar, d), (^{46}Ar, d), E=33 MeV / nucleon; measured Eδ, Iδ; ^{34,36,46}Ar; deduced neutron ground state spectroscopic factors. Comparison with shell model calculations. JOUR PRLTA 104 112701
	2010ME05	NUCLEAR REACTIONS ^{208}Pb(^{48}Ca, X)^{42}Ar / ^{43}Ar / ^{44}Ar / ^{45}Ar / ^{46}Ar, E=310 MeV; measured Eγ, Iγ, (recoils)γ-coin, and half-lives by differential RDDS method. CLARA-PRISMA system. ^{44,46}Ar; deduced levels, B(E2). Comparison with shell-model calculations. JOUR NUPAB 834 69c

A=46 ***(continued)***

	2010ME07	NUCLEAR REACTIONS ^{208}Pb(^{48}Ca, X)^{42}Ar / ^{43}Ar / ^{44}Ar / ^{45}Ar / ^{46}Ar, E=310 MeV; measured Eγ, Iγ, (recoils)γ-coin, and half-lives by differential RDDS method. CLARA-PRISMA system. ^{44,46}Ar; deduced levels, B(E2). Comparison with shell-model calculations. JOUR PRVCA 82 024308
^{46}K	2009MA75	NUCLEAR MOMENTS ^{46}K; measured hfs. Testing of new laser spectroscopy technique. JOUR ZAANE 42 503
^{46}Ca	2009ME23	NUCLEAR REACTIONS ^{208}Pb(^{48}Ca, X)^{46}Ar / ^{46}Ca / ^{50}Ca, E=310 MeV; measured Eγ, Iγ using CLARA and PRISMA spectrometers and the differential Recoil Distance Doppler Shift method. ^{46}Ar, ^{46,50}Ca; deduced isomer $T_{1/2}$, transition energies. Comparison with simulations. JOUR ZAANE 42 387
^{46}Sc	2010DI02	NUCLEAR REACTIONS ^{197}Au, ^{94}Zr, ^{64}Zn, ^{45}Sc, ^{139}La(n, γ), E=thermal; measured Eγ, Iγ; deduced shape of neutron flux, covariances. JOUR ARISE 68 592
	2010GA03	NUCLEAR REACTIONS Ti(d, X)^{47}V / ^{48}V / ^{44}Sc / ^{46}Sc / ^{47}Sc / ^{48}Sc / ^{51}Ti, E=3-9 MeV; measured Eγ, Iγ; deduced σ, ^{47}V / ^{46}Sc EOB ratio. JOUR NIMBE 268 1392
^{46}Ti	2009FA15	RADIOACTIVITY ^{46}V(EC); deduced Q-value from reaction data. JOUR ZAANE 42 339
	2009FU17	NUCLEAR REACTIONS ^{12}C, ^{16}O, ^{40,42,48}Ca(^{7}Li, tα)^{12}C / ^{16}O / ^{40}Ca / ^{42}Ca / ^{48}Ca / ^{44}Ti / ^{46}Ti / ^{52}Ti, E=26.0 MeV; measured particle-spectra, tα-coin, and t$\alpha(\theta)$; deduced relative ratios of reaction cross sections. ^{44,46,52}Ti; deduced levels, J, π, α-cluster states. Comparison with other experimental data. JOUR PRVCA 80 064613
^{46}V	2008MAZH	NUCLEAR REACTIONS ^{3}He(^{44}Ti, p), E=242 MeV; measured Ep, Ip; deduced d$\sigma(0^+)$ / d$\sigma(1^+)$. Results on CD only. CONF E.Lansing (NS2008),P6,Macchiavelli
	2009FA15	NUCLEAR REACTIONS ^{26}Mg, ^{46,47,48}Ti(^{3}He, t), E=27 MeV; measured triton spectra; deduced Q-value. ^{46,48}Ti(d, p), E=14 MeV; measured Ep, Ip; deduced neutron separation energy. Comparison with other data. JOUR ZAANE 42 339
	2009FA15	RADIOACTIVITY ^{46}V(EC); deduced Q-value from reaction data. JOUR ZAANE 42 339
	2010FUZZ	NUCLEAR REACTIONS ^{9}Be, ^{23}Na, ^{25}Mg, ^{42}Ca, ^{46}Ti, ^{50}Cr, ^{54}Fe, ^{58}Ni, ^{118}Sn(^{3}He, t), E=140 MeV / nucleon; measured Eγ, Iγ, reaction products; deduced dσ(E); GT strength. CONF Varenna (Nucl Reaction Mechanisms),Proc,Vol.1,P39
^{46}Cr	2008WAZP	RADIOACTIVITY ^{46}Cr; measured β-delayed Eγ, Iγ(t); deduced ^{46}Cr, ^{46}V $T_{1/2}$. REPT CNS-REP-61,P25,Wakabayashi
	2009WAZU	RADIOACTIVITY ^{46}Cr[from ^{36}Ar+^{12}C fusion]; measured Eβ, Iβ, Eγ, Iγ, ToF. Further analysis in progress. REPT RIKEN 2008 Annual,P19,Wakabayashi

A=47

^{47}Ca	2009TOZU	NUCLEAR REACTIONS ^{48}Ca(γ, n), E=9.5-15.3 MeV; measured En, In using polarized beams; deduced σ. Results to be analyzed. REPT TUNL-XLVIII,P93,Tompkins
^{47}Sc	2010GA03	NUCLEAR REACTIONS Ti(d, X)^{47}V / ^{48}V / ^{44}Sc / ^{46}Sc / ^{47}Sc / ^{48}Sc / ^{51}Ti, E=3-9 MeV; measured Eγ, Iγ; deduced σ, ^{47}V / ^{46}Sc EOB ratio. JOUR NIMBE 268 1392
^{47}Ti	2009FA15	NUCLEAR REACTIONS ^{26}Mg, ^{46,47,48}Ti(^{3}He, t), E=27 MeV; measured triton spectra; deduced Q-value. ^{46,48}Ti(d, p), E=14 MeV; measured Ep, Ip; deduced neutron separation energy. Comparison with other data. JOUR ZAANE 42 339
^{47}V	2009FA15	NUCLEAR REACTIONS ^{26}Mg, ^{46,47,48}Ti(^{3}He, t), E=27 MeV; measured triton spectra; deduced Q-value. ^{46,48}Ti(d, p), E=14 MeV; measured Ep, Ip; deduced neutron separation energy. Comparison with other data. JOUR ZAANE 42 339
	2010GA03	NUCLEAR REACTIONS Ti(d, X)^{47}V / ^{48}V / ^{44}Sc / ^{46}Sc / ^{47}Sc / ^{48}Sc / ^{51}Ti, E=3-9 MeV; measured Eγ, Iγ; deduced σ, ^{47}V / ^{46}Sc EOB ratio. JOUR NIMBE 268 1392
	2010PA18	NUCLEAR REACTIONS ^{12}C(^{20}Ne, X), E=145, 160 MeV; ^{27}Al(^{20}Ne, X), E=160 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{32}S, ^{47}V; deduced highest spin and high energy excitations from the shapes of giant dipole resonances (GDR), strength functions and parameters using rotating liquid drop model (RLDM) and thermal shape fluctuation model (TSFM). Calculated liquid drop model free energy surfaces, and equilibrium shapes as a function of quadrupole deformation parameters and spin. Possible connection to molecular structure of ^{16}O+^{16}O in the ^{32}S superdeformed band. JOUR PRVCA 81 061302

A=48

^{48}Ca	2009DA25	RADIOACTIVITY ^{48}Ca, ^{82}Se, ^{96}Zr, ^{100}Mo, ^{116}Cd, ^{130}Te, ^{150}Nd(2β); measured $T_{1/2}$ for zero / two-neutrino 2β-decay events; deduced effective neutrino mass. JOUR NUPAB 827 495c
	2009FU17	NUCLEAR REACTIONS ^{12}C, ^{16}O, ^{40,42,48}Ca(^{7}Li, tα)^{12}C / ^{16}O / ^{40}Ca / ^{42}Ca / ^{48}Ca / ^{44}Ti / ^{46}Ti / ^{52}Ti, E=26.0 MeV; measured particle-spectra, tα-coin, and t$\alpha(\theta)$; deduced relative ratios of reaction cross sections. ^{44,46,52}Ti; deduced levels, J, π, α-cluster states. Comparison with other experimental data. JOUR PRVCA 80 064613
	2010KR06	NUCLEAR REACTIONS ^{40,48}Ca(^{6}Li, ^{6}Li), (^{6}Li, ^{6}Li'), E=240 MeV; measured σ, $\sigma(\theta)$; deduced optical model parameters B(E2) for first 2+ states, B(E3) for first 3- states, isoscalar giant-monopole resonance (ISGMR) strength, EWSR. DWBA analysis. Comparison with theoretical calculations using density-dependent double-folding (DDF) model with M3Y-NN effective interaction. JOUR PRVCA 81 044612
	2010SI06	RADIOACTIVITY ^{100}Mo, ^{82}Se, ^{116}Cd, ^{150}Nd, ^{96}Zr, ^{48}Ca, ^{130}Te(2β^-); measured Ee, Ie; deduced $T_{1/2}$. JOUR PPNPD 64 270
^{48}Sc	2010GA03	NUCLEAR REACTIONS Ti(d, X)^{47}V / ^{48}V / ^{44}Sc / ^{46}Sc / ^{47}Sc / ^{48}Sc / ^{51}Ti, E=3-9 MeV; measured Eγ, Iγ; deduced σ, ^{47}V / ^{46}Sc EOB ratio. JOUR NIMBE 268 1392

A=48 *(continued)*

^{48}Ti	2009SC28	NUCLEAR REACTIONS Ti(^{20}Na, ^{20}Na'), (^{21}Na, ^{21}Na'), E=1.7 MeV / nucleon; ^{20,21}Na, ^{48}Ti; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin, angular correlations and γ-ray yield; deduced B(E2), levels, J, π, mixing ratios, transition matrix elements. Tigress and Bambino arrays at TRIUMF-ISAC facility. GOSIA analysis of Coulomb excitation data. Comparisons with shell-model calculations using the USD, USDB and p-sd effective interactions employing OXBASH shell-model code. JOUR ZAANE 42 477
	2010SI06	RADIOACTIVITY ^{100}Mo, ^{82}Se, ^{116}Cd, ^{150}Nd, ^{96}Zr, ^{48}Ca, ^{130}Te($2\beta^-$); measured Ee, Ie; deduced $T_{1/2}$. JOUR PPNPD 64 270
^{48}V	2008OCZZ	NUCLEAR REACTIONS ^{27}Al(d, x)^{24}Na, ^{51}V(d, 4n), Fe(d, x)^{54}Mn, Fe(d, x)^{56}Co, Ni(d, x)^{57}Co, Cu(d, x)^{63}Zn, Ta(d, x)^{180}Ta, W(d, x)^{182}Re, ^{197}Au(d, x)^{194}Au, E=25, 35, 41, 50 MeV; Cr(d, x)^{48}V, Cr(d, x)^{52}Mn, ^{55}Mn(d, x)^{54}Mn, Ni(d, x)^{56}Co, E=39.5 MeV; measured Eγ, Iγ; deduced σ; calculated σ using TALYS code. Compared to data, ACSELAM data library; also SS316, F82H alloys activities deduced. CONF Nice (Nucl Data for Sci and Technol) Proc,P1011
	2008SEZT	NUCLEAR REACTIONS ^{50}Cr(n, x)^{48}V, ^{58}Ni(n, pα), ^{58}Ni(n, x)^{56}Co, ^{63}Cu(n, pα), ^{181}Ta(n, α), ^{181}Ta(n, p), ^{181}Ta(n, x)^{180}Hf, ^{181}Ta(n, 2n), ^{182,183,184,185}W(n, p), ^{183}W(n, x)^{182}Ta, ^{184}W(n, x)^{183}Ta, ^{186}W(n, x)^{185}Ta, ^{186}W(n, 2n), ^{184,186}W(n, α), E=13.8-20.5 MeV; measured Eγ, Iγ; deduced σ. Compared to published data, TALYS and EMPIRE calculations, EAF-2003, EAF-2005, EAF-2007, ADL-3T, JEFF-3.1, JENDL-3.3, JENDL-ACT, ENDF / B-VII. CONF Nice (Nucl Data for Sci and Technol) Proc,P559
	2009FA15	NUCLEAR REACTIONS ^{26}Mg, ^{46,47,48}Ti(^{3}He, t), E=27 MeV; measured triton spectra; deduced Q-value. ^{46,48}Ti(d, p), E=14 MeV; measured Ep, Ip; deduced neutron separation energy. Comparison with other data. JOUR ZAANE 42 339
	2010GA03	NUCLEAR REACTIONS Ti(d, X)^{47}V / ^{48}V / ^{44}Sc / ^{46}Sc / ^{47}Sc / ^{48}Sc / ^{51}Ti, E=3-9 MeV; measured Eγ, Iγ; deduced σ, ^{47}V / ^{46}Sc EOB ratio. JOUR NIMBE 268 1392
	2010TA03	NUCLEAR REACTIONS ^{167}Er, ^{168}Er(p, n), ^{167}Er(p, n), ^{166}Er(p, 2n), Ti(p, X)^{48}V, E<15 MeV; measured Eγ, Iγ; deduced σ. Comparison with ALICE-IPPE, EMPIRE-II, TALYS nuclear reaction model codes. JOUR ARISE 68 250
	2011TA02	NUCLEAR REACTIONS ^{27}Al(d, X)^{22}Na / ^{24}Na, Ti(d, X)^{48}V, In(d, X)^{113}Sn / ^{111}In / ^{113}In / ^{114}In / / ^{115}In / ^{116}In / ^{111}Cd / ^{115}Cd, E<40 MeV; measured Eγ, Iγ; deduced thick target yields, σ. Comparison with experimetal data, ALICE-D and EMPIRE-D codes. JOUR ARISE 69 26

A=49

^{49}K	2010BR14	NUCLEAR REACTIONS ^{238}U(^{48}Ca, X), E=330 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, and half-lives by RDDS Plunger method using PRISMA-CLARA spectrometer and Gammasphere array. ^{49}K; deduced levels, J, π. Systematics of ^{39,41,43,45,47,49}K nuclei. Comparison with shell-model calculations. JOUR PRVCA 82 034319
^{49}Ca	2008ZAZX	NUCLEAR REACTIONS ^{48}Ca(n, γ), E=thermal; measured Eγ, Iγ; deduced σ. CONF Nice (Nucl Data for Sci and Technol) Proc,P1263
^{49}Ti	2009FA15	NUCLEAR REACTIONS ^{26}Mg, ^{46,47,48}Ti(^{3}He, t), E=27 MeV; measured triton spectra; deduced Q-value. ^{46,48}Ti(d, p), E=14 MeV; measured Ep, Ip; deduced neutron separation energy. Comparison with other data. JOUR ZAANE 42 339
	2009NI17	NUCLEAR REACTIONS ^{9}Be(^{46}Ar, xn)^{49}Ti / ^{50}Ti / ^{51}Ti, E=2-8 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin in-beam using GRAPE HPGe detector array with Doppler shift correction. ^{49}Ti, ^{50}Ti, ^{51}Ti; deduced high-spin yrast levels, J, π, configurations. Comparison with shell model ANTOINE. Secondary radioactive beam. JOUR ZAANE 42 471
^{49}V	2010QA01	NUCLEAR REACTIONS Ti(p, X)^{45}Ca / ^{49}V, E<200 MeV; Pb(p, X)^{204}Tl, E<90 MeV; measured Ee, Ie, x-rays, Eγ, Iγ; deduced σ. Radiochemical techniques, comparison with ALICE-IPPE and TALYS codes. JOUR RAACA 98 447
^{49}Cr	2008OCZZ	NUCLEAR REACTIONS ^{27}Al(d, x)^{24}Na, ^{51}V(d, 4n), Fe(d, x)^{54}Mn, Fe(d, x)^{56}Co, Ni(d, x)^{57}Co, Cu(d, x)^{63}Zn, Ta(d, x)^{180}Ta, W(d, x)^{182}Re, ^{197}Au(d, x)^{194}Au, E=25, 35, 41, 50 MeV; Cr(d, x)^{48}V, Cr(d, x)^{52}Mn, ^{55}Mn(d, x)^{54}Mn, Ni(d, x)^{56}Co, E=39.5 MeV; measured Eγ, Iγ; deduced σ; calculated σ using TALYS code. Compared to data, ACSELAM data library; also SS316, F82H alloys activities deduced. CONF Nice (Nucl Data for Sci and Technol) Proc,P1011

A=50

^{50}K	2008CRZZ	RADIOACTIVITY ^{50}K, ^{53}Ca(β^-); measured Eγ, Iγ, $\gamma\gamma$-co in, Eβ, Iβ, β-delayed γ decay. ^{50}K deduced isomeric transition. ^{50}K, ^{53}Sc deduced levels, J, π. Results on CD only. CONF E.Lansing (NS2008),P90,Crawford
	2010DA06	NUCLEAR REACTIONS Ni(^{86}Kr, X), E=60.5 MeV / nucleon; measured Eγ, Iγ, (fragment)γ-coin, and γ(t). Identification of A and Z by energy-loss, total-kinetic-energy, and time-of-flight measurements. ^{50}K, ^{60}V, ^{62,64}Mn, ^{65,67}Fe, ^{68,70}Co, ^{75}Cu, ^{78}Zn, ^{78}Ga; deduced isomers, half-lives, J, π, multipolarities. ^{69,71,73}Cu; deduced B(M1), B(E2) values. ^{75}Cu; deduced levels, J, π, and transition rates for proposed level-scheme scenarios and comparisons with shell-model calculations. ^{69,71,73,75,77,79}Cu; shell model calculations of 1 / 2-, 3 / 2- and 5 / 2- states. JOUR PRVCA 81 034304
^{50}Ca	2008CRZZ	RADIOACTIVITY ^{50}K, ^{53}Ca(β^-); measured Eγ, Iγ, $\gamma\gamma$-co in, Eβ, Iβ, β-delayed γ decay. ^{50}K deduced isomeric transition. ^{50}K, ^{53}Sc deduced levels, J, π. Results on CD only. CONF E.Lansing (NS2008),P90,Crawford

A=50 *(continued)*

	2009ME23	NUCLEAR REACTIONS ^{208}Pb(^{48}Ca, X)^{46}Ar / ^{46}Ca / ^{50}Ca, E=310 MeV; measured Eγ, Iγ using CLARA and PRISMA spectrometers and the differential Recoil Distance Doppler Shift method. ^{46}Ar, ^{46,50}Ca; deduced isomer $T_{1/2}$, transition energies. Comparison with simulations. JOUR ZAANE 42 387
^{50}Ti	2009NI17	NUCLEAR REACTIONS ^{9}Be(^{46}Ar, xn)^{49}Ti / ^{50}Ti / ^{51}Ti, E=2-8 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin in-beam using GRAPE HPGe detector array with Doppler shift correction. ^{49}Ti, ^{50}Ti, ^{51}Ti; deduced high-spin yrast levels, J, π, configurations. Comparison with shell model ANTOINE. Secondary radioactive beam. JOUR ZAANE 42 471
^{50}Mn	2010CH15	NUCLEAR REACTIONS ^{50,52}Cr(p, n), E=14 MeV; ^{50}Cr(d, n), E=13 MeV;^{55}Mn(p, xnp)^{53}Mn / ^{54}Mn, E=33 MeV; ^{56}Fe(d, 2p), E=25 MeV; measured hyperfine spectra; deduced magnetic dipole moments, quadrupole moments, mean-square charge radii, shell closure. Comparison with shell model calculation using GXPF1A interaction. JOUR PYLBB 690 346
	2010FUZZ	NUCLEAR REACTIONS ^{9}Be, ^{23}Na, ^{25}Mg, ^{42}Ca, ^{46}Ti, ^{50}Cr, ^{54}Fe, ^{58}Ni, ^{118}Sn(^{3}He, t), E=140 MeV / nucleon; measured Eγ, Iγ, reaction products; deduced dσ(E); GT strength. CONF Varenna (Nucl Reaction Mechanisms),Proc,Vol.1,P39

A=51

^{51}Ca	2008FOZV	NUCLEAR REACTIONS ^{238}U(^{48}Ca, X)^{51}Ca / ^{46}Ar, E=330 MeV; measured reaction products, Eγ, Iγ, γ-γ-coin.; deduced energy levels, J, π, yrast structures. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P283,Fornal
^{51}Ti	2009NI17	NUCLEAR REACTIONS ^{9}Be(^{46}Ar, xn)^{49}Ti / ^{50}Ti / ^{51}Ti, E=2-8 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin in-beam using GRAPE HPGe detector array with Doppler shift correction. ^{49}Ti, ^{50}Ti, ^{51}Ti; deduced high-spin yrast levels, J, π, configurations. Comparison with shell model ANTOINE. Secondary radioactive beam. JOUR ZAANE 42 471
	2010GA03	NUCLEAR REACTIONS Ti(d, X)^{47}V / ^{48}V / ^{44}Sc / ^{46}Sc / ^{47}Sc / ^{48}Sc / ^{51}Ti, E=3-9 MeV; measured Eγ, Iγ; deduced σ, ^{47}V / ^{46}Sc EOB ratio. JOUR NIMBE 268 1392
^{51}V	2010MO01	RADIOACTIVITY ^{51}Cr(EC); measured Eγ, Iγ, Eα, Iα, $\alpha\gamma$-coin.; deduced γ-ray emission probabilities per decay. Comparison with Monte-Carlo code. JOUR ARISE 68 596
	2010MU09	NUCLEAR REACTIONS ^{9}Be, ^{51}V(^{8}Li, ^{8}Li), (^{8}Li, X), E=18.5, 19.6 MeV; measured σ, $\sigma(\theta)$; calculated $\sigma(\theta)$ using Sao Paulo potential and WS form factors; deduced optical model parameters. Comparison with other reactions. Secondary radioactive beam. JOUR ZAANE 45 23
^{51}Cr	2010AL17	NUCLEAR REACTIONS ^{55}Mn(p, n)^{55}Fe, E<18 MeV; ^{55}Mn(p, X)^{54}Mn / ^{51}Cr, E<45 MeV; measured reaction products, x-rays, Eγ, Iγ; deduced σ. Comparison with nuclear model codes ALICE-IPPE, EMPIRE and TALYS. JOUR ARISE 68 2393

A=51 *(continued)*

	2010MO01	RADIOACTIVITY ^{51}Cr(EC); measured Eγ, Iγ, Eα, Iα, $\alpha\gamma$-coin.; deduced γ-ray emission probabilities per decay. Comparison with Monte-Carlo code. JOUR ARISE 68 596
^{51}Mn	2010CH15	NUCLEAR REACTIONS ^{50,52}Cr(p, n), E=14 MeV; ^{50}Cr(d, n), E=13 MeV;^{55}Mn(p, xnp)^{53}Mn / ^{54}Mn, E=33 MeV; ^{56}Fe(d, 2p), E=25 MeV; measured hyperfine spectra; deduced magnetic dipole moments, quadrupole moments, mean-square charge radii, shell closure. Comparison with shell model calculation using GXPF1A interaction. JOUR PYLBB 690 346

A=52

^{52}Ca	2010CR02	NUCLEAR REACTIONS Be(^{76}Ge, X)^{52}Ca / ^{53}Ca / ^{54}Ca / ^{53}Sc / ^{54}Sc / ^{55}Sc / ^{56}Sc / ^{55}Ti / ^{56}Ti / ^{57}Ti / ^{58}Ti / ^{57}V / ^{58}V / ^{59}V / ^{60}V / , E=130 MeV / nucleon; measured yields. JOUR PRVCA 82 014311
^{52}Ti	2009FU17	NUCLEAR REACTIONS ^{12}C, ^{16}O, ^{40,42,48}Ca(^{7}Li, tα)^{12}C / ^{16}O / ^{40}Ca / ^{42}Ca / ^{48}Ca / ^{44}Ti / ^{46}Ti / ^{52}Ti, E=26.0 MeV; measured particle-spectra, tα-coin, and t$\alpha(\theta)$; deduced relative ratios of reaction cross sections. ^{44,46,52}Ti; deduced levels, J, π, α-cluster states. Comparison with other experimental data. JOUR PRVCA 80 064613
^{52}Mn	2008OCZZ	NUCLEAR REACTIONS ^{27}Al(d, x)^{24}Na, ^{51}V(d, 4n), Fe(d, x)^{54}Mn, Fe(d, x)^{56}Co, Ni(d, x)^{57}Co, Cu(d, x)^{63}Zn, Ta(d, x)^{180}Ta, W(d, x)^{182}Re, ^{197}Au(d, x)^{194}Au, E=25, 35, 41, 50 MeV; Cr(d, x)^{48}V, Cr(d, x)^{52}Mn, ^{55}Mn(d, x)^{54}Mn, Ni(d, x)^{56}Co, E=39.5 MeV; measured Eγ, Iγ; deduced σ; calculated σ using TALYS code. Compared to data, ACSELAM data library; also SS316, F82H alloys activities deduced. CONF Nice (Nucl Data for Sci and Technol) Proc,P1011
	2010CH15	NUCLEAR REACTIONS ^{50,52}Cr(p, n), E=14 MeV; ^{50}Cr(d, n), E=13 MeV;^{55}Mn(p, xnp)^{53}Mn / ^{54}Mn, E=33 MeV; ^{56}Fe(d, 2p), E=25 MeV; measured hyperfine spectra; deduced magnetic dipole moments, quadrupole moments, mean-square charge radii, shell closure. Comparison with shell model calculation using GXPF1A interaction. JOUR PYLBB 690 346
	2010NG01	NUCLEAR REACTIONS Fe(γ, npX)^{52}Mn, E=0.05-2.5 GeV; measured Eγ, Iγ; deduced isomeric yield ratios, decay scheme. JOUR JRNCD 283 683
^{52}Fe	2010KA26	RADIOACTIVITY ^{53}Co(EC), ^{53m}Co(EC), (p); deduced Q values and revised level schemes. ^{53}Co; deduced energy of the high-spin isomer. ^{53}Co, ^{55,56}Ni, ^{57,58}Cu, ^{59,60}Zn(EC); deduced Q values from measured masses, electron capture probabilities, Logft values, and Gamow-Teller matrix elements. JOUR PRVCA 82 034311

A=53

^{53}Ca	2008CRZZ	RADIOACTIVITY ^{50}K, ^{53}Ca(β^-); measured Eγ, Iγ, $\gamma\gamma$-co in, Eβ, Iβ, β-delayed γ decay. ^{50}K deduced isomeric transition. ^{50}K, ^{53}Sc deduced levels, J, π. Results on CD only. CONF E.Lansing (NS2008),P90,Crawford
	2010CR02	RADIOACTIVITY ^{53,54,55,56,57}Sc, ^{53,54}Ca(β^-); ^{54,56}Sc(IT)[from Be(^{76}Ge, X), E=130 MeV / nucleon]; measured Eγ, Iγ, (fragment)β-, $\gamma\gamma$-, $\beta\gamma$-, (fragment)$\beta\gamma$-coin, half-lives. ^{53,54,55,56,57}Ti, ^{53,54,56}Sc; deduced levels, J, π, logft, configurations. Comparison with GXPF1 shell-model calculations. ^{54}Ti(β^-); measured half-life. ^{54,55,56}Sc(β^-n); deduced %β^--n. JOUR PRVCA 82 014311
	2010CR02	NUCLEAR REACTIONS Be(^{76}Ge, X)^{52}Ca / ^{53}Ca / ^{54}Ca / ^{53}Sc / ^{54}Sc / ^{55}Sc / ^{56}Sc / ^{55}Ti / ^{56}Ti / ^{57}Ti / ^{58}Ti / ^{57}V / ^{58}V / ^{59}V / ^{60}V / , E=130 MeV / nucleon; measured yields. JOUR PRVCA 82 014311
^{53}Sc	2008CRZZ	RADIOACTIVITY ^{50}K, ^{53}Ca(β^-); measured Eγ, Iγ, $\gamma\gamma$-co in, Eβ, Iβ, β-delayed γ decay. ^{50}K deduced isomeric transition. ^{50}K, ^{53}Sc deduced levels, J, π. Results on CD only. CONF E.Lansing (NS2008),P90,Crawford
	2008MCZW	NUCLEAR REACTIONS ^{9}Be(^{55}V, X)^{53}Sc, (^{57}Cr, X)^{53}Sc, (^{54}Ti, X)^{53}Sc, E≈70 MeV / nucleon; measured thick target Eγ, Iγ, (particle)γ-coin, I(particle), E(particle) using ToF. ^{53}Sc deduced levels, J, π; calculated low-lying levels, J, π. Results on CD only. CONF E.Lansing (NS2008),P138,McDaniel
	2010CR02	RADIOACTIVITY ^{53,54,55,56,57}Sc, ^{53,54}Ca(β^-); ^{54,56}Sc(IT)[from Be(^{76}Ge, X), E=130 MeV / nucleon]; measured Eγ, Iγ, (fragment)β-, $\gamma\gamma$-, $\beta\gamma$-, (fragment)$\beta\gamma$-coin, half-lives. ^{53,54,55,56,57}Ti, ^{53,54,56}Sc; deduced levels, J, π, logft, configurations. Comparison with GXPF1 shell-model calculations. ^{54}Ti(β^-); measured half-life. ^{54,55,56}Sc(β^-n); deduced %β^--n. JOUR PRVCA 82 014311
	2010CR02	NUCLEAR REACTIONS Be(^{76}Ge, X)^{52}Ca / ^{53}Ca / ^{54}Ca / ^{53}Sc / ^{54}Sc / ^{55}Sc / ^{56}Sc / ^{55}Ti / ^{56}Ti / ^{57}Ti / ^{58}Ti / ^{57}V / ^{58}V / ^{59}V / ^{60}V / , E=130 MeV / nucleon; measured yields. JOUR PRVCA 82 014311
	2010MC01	NUCLEAR REACTIONS ^{9}Be(^{54}Ti, ^{53}Sc), E=72 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin using SeGA array, σ, and parallel momentum distributions in one-proton knockout reaction. ^{53}Sc; deduced levels, J, π and configurations. Comparison with shell model calculations. JOUR PRVCA 81 024301
^{53}Ti	2010CR02	RADIOACTIVITY ^{53,54,55,56,57}Sc, ^{53,54}Ca(β^-); ^{54,56}Sc(IT)[from Be(^{76}Ge, X), E=130 MeV / nucleon]; measured Eγ, Iγ, (fragment)β-, $\gamma\gamma$-, $\beta\gamma$-, (fragment)$\beta\gamma$-coin, half-lives. ^{53,54,55,56,57}Ti, ^{53,54,56}Sc; deduced levels, J, π, logft, configurations. Comparison with GXPF1 shell-model calculations. ^{54}Ti(β^-); measured half-life. ^{54,55,56}Sc(β^-n); deduced %β^--n. JOUR PRVCA 82 014311
^{53}Mn	2010BE20	NUCLEAR REACTIONS ^{9}Be(^{56}Ni, X)^{53}Ni / ^{53}Mn, E not given; measured Eγ, Iγ, (particle)γ-coin. ^{53}Ni; deduced levels, J, π, isobar analog states, isospin effects. Comparison with shell model calculations. JOUR MPLAE 25 1891

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

	2010CH15	NUCLEAR REACTIONS ^{50,52}Cr(p, n), E=14 MeV; ^{50}Cr(d, n), E=13 MeV;^{55}Mn(p, xnp)^{53}Mn / ^{54}Mn, E=33 MeV; ^{56}Fe(d, 2p), E=25 MeV; measured hyperfine spectra; deduced magnetic dipole moments, quadrupole moments, mean-square charge radii, shell closure. Comparison with shell model calculation using GXPF1A interaction. JOUR PYLBB 690 346
^{53}Fe	2010KA26	ATOMIC MASSES ^{56,57}Fe, ^{53,53m,56}Co, ^{55,56,57}Ni, ^{57,58}Cu, ^{59,60}Zn; measured cyclotron resonance frequencies and ratios by JYFLTRAP Penning trap spectrometer; deduced mass excesses. ^{56,57}Fe, ^{53,53m,55,56}Co, ^{55,56,57,58}Ni, ^{57,58,59}Cu, ^{53,56,57}Fe, ^{59,60}Zn; measured frequency ratio pairs. Comparison with previous mass measurements. ^{53,54}Co, ^{55,56}Ni, ^{57,58}Cu, ^{59,60}Zn; deduced Coulomb displacement energies for the T=1 / 2 doublets and T=1 triplets. ^{53}Co, ^{54,55,56}Ni, ^{56,57,58}Cu, ^{58,59,60}Zn, ^{60,61}Ga; deduced S(p) values. Comparison of all the deduced values with AME-2003. JOUR PRVCA 82 034311
	2010KA26	RADIOACTIVITY ^{53}Co(EC), ^{53m}Co(EC), (p); deduced Q values and revised level schemes. ^{53}Co; deduced energy of the high-spin isomer. ^{53}Co, ^{55,56}Ni, ^{57,58}Cu, ^{59,60}Zn(EC); deduced Q values from measured masses, electron capture probabilities, Logft values, and Gamow-Teller matrix elements. JOUR PRVCA 82 034311
^{53}Co	2010KA26	ATOMIC MASSES ^{56,57}Fe, ^{53,53m,56}Co, ^{55,56,57}Ni, ^{57,58}Cu, ^{59,60}Zn; measured cyclotron resonance frequencies and ratios by JYFLTRAP Penning trap spectrometer; deduced mass excesses. ^{56,57}Fe, ^{53,53m,55,56}Co, ^{55,56,57,58}Ni, ^{57,58,59}Cu, ^{53,56,57}Fe, ^{59,60}Zn; measured frequency ratio pairs. Comparison with previous mass measurements. ^{53,54}Co, ^{55,56}Ni, ^{57,58}Cu, ^{59,60}Zn; deduced Coulomb displacement energies for the T=1 / 2 doublets and T=1 triplets. ^{53}Co, ^{54,55,56}Ni, ^{56,57,58}Cu, ^{58,59,60}Zn, ^{60,61}Ga; deduced S(p) values. Comparison of all the deduced values with AME-2003. JOUR PRVCA 82 034311
	2010KA26	RADIOACTIVITY ^{53}Co(EC), ^{53m}Co(EC), (p); deduced Q values and revised level schemes. ^{53}Co; deduced energy of the high-spin isomer. ^{53}Co, ^{55,56}Ni, ^{57,58}Cu, ^{59,60}Zn(EC); deduced Q values from measured masses, electron capture probabilities, Logft values, and Gamow-Teller matrix elements. JOUR PRVCA 82 034311
	2010KA26	NUCLEAR REACTIONS ^{54}Fe(p, X)^{53}Co / ^{53m}Co / ^{56}Ni / ^{57}Cu / ^{58}Cu, E=40, 50 MeV; ^{54}Fe(^{3}He, X)^{55}Ni / ^{56}Ni / ^{59}Zn / ^{60}Zn, E=25 MeV; Ca(^{20}Ne, X)^{56}Co / ^{57}Ni, E=75, 105 MeV; measured masses of product nuclides. ^{56}Ni(p, γ)^{57}Cu; deduced reaction Q value, proton resonance energies, rescaled proton widths, and reaction rates of astrophysical significance. JOUR PRVCA 82 034311
^{53}Ni	2010BE20	NUCLEAR REACTIONS ^{9}Be(^{56}Ni, X)^{53}Ni / ^{53}Mn, E not given; measured Eγ, Iγ, (particle)γ-coin. ^{53}Ni; deduced levels, J, π, isobar analog states, isospin effects. Comparison with shell model calculations. JOUR MPLAE 25 1891

A=54

^{54}Ca	2010CR02	RADIOACTIVITY ^{53,54,55,56,57}Sc, ^{53,54}Ca(β^-); ^{54,56}Sc(IT)[from Be(^{76}Ge, X), E=130 MeV / nucleon]; measured Eγ, Iγ, (fragment)β-, $\gamma\gamma$-, $\beta\gamma$-, (fragment)$\beta\gamma$-coin, half-lives. ^{53,54,55,56,57}Ti, ^{53,54,56}Sc; deduced levels, J, π, logft, configurations. Comparison with GXPF1 shell-model calculations. ^{54}Ti(β^-); measured half-life. ^{54,55,56}Sc(β^-n); deduced %β^--n. JOUR PRVCA 82 014311
	2010CR02	NUCLEAR REACTIONS Be(^{76}Ge, X)^{52}Ca / ^{53}Ca / ^{54}Ca / ^{53}Sc / ^{54}Sc / ^{55}Sc / ^{56}Sc / ^{55}Ti / ^{56}Ti / ^{57}Ti / ^{58}Ti / ^{57}V / ^{58}V / ^{59}V / ^{60}V / , E=130 MeV / nucleon; measured yields. JOUR PRVCA 82 014311
^{54}Sc	2010CR02	RADIOACTIVITY ^{53,54,55,56,57}Sc, ^{53,54}Ca(β^-); ^{54,56}Sc(IT)[from Be(^{76}Ge, X), E=130 MeV / nucleon]; measured Eγ, Iγ, (fragment)β-, $\gamma\gamma$-, $\beta\gamma$-, (fragment)$\beta\gamma$-coin, half-lives. ^{53,54,55,56,57}Ti, ^{53,54,56}Sc; deduced levels, J, π, logft, configurations. Comparison with GXPF1 shell-model calculations. ^{54}Ti(β^-); measured half-life. ^{54,55,56}Sc(β^-n); deduced %β^--n. JOUR PRVCA 82 014311
	2010CR02	NUCLEAR REACTIONS Be(^{76}Ge, X)^{52}Ca / ^{53}Ca / ^{54}Ca / ^{53}Sc / ^{54}Sc / ^{55}Sc / ^{56}Sc / ^{55}Ti / ^{56}Ti / ^{57}Ti / ^{58}Ti / ^{57}V / ^{58}V / ^{59}V / ^{60}V / , E=130 MeV / nucleon; measured yields. JOUR PRVCA 82 014311
^{54}Ti	2010CR02	RADIOACTIVITY ^{53,54,55,56,57}Sc, ^{53,54}Ca(β^-); ^{54,56}Sc(IT)[from Be(^{76}Ge, X), E=130 MeV / nucleon]; measured Eγ, Iγ, (fragment)β-, $\gamma\gamma$-, $\beta\gamma$-, (fragment)$\beta\gamma$-coin, half-lives. ^{53,54,55,56,57}Ti, ^{53,54,56}Sc; deduced levels, J, π, logft, configurations. Comparison with GXPF1 shell-model calculations. ^{54}Ti(β^-); measured half-life. ^{54,55,56}Sc(β^-n); deduced %β^--n. JOUR PRVCA 82 014311
^{54}V	2010CR02	RADIOACTIVITY ^{53,54,55,56,57}Sc, ^{53,54}Ca(β^-); ^{54,56}Sc(IT)[from Be(^{76}Ge, X), E=130 MeV / nucleon]; measured Eγ, Iγ, (fragment)β-, $\gamma\gamma$-, $\beta\gamma$-, (fragment)$\beta\gamma$-coin, half-lives. ^{53,54,55,56,57}Ti, ^{53,54,56}Sc; deduced levels, J, π, logft, configurations. Comparison with GXPF1 shell-model calculations. ^{54}Ti(β^-); measured half-life. ^{54,55,56}Sc(β^-n); deduced %β^--n. JOUR PRVCA 82 014311
^{54}Cr	2010VA13	RADIOACTIVITY ^{54}Mn(EC); measured decay products, Eγ, Iγ; deduced $T_{1/2}$. Comparison with other experimental and evaluated results. JOUR ARISE 68 2387
^{54}Mn	2008OCZZ	NUCLEAR REACTIONS ^{27}Al(d, x)^{24}Na, ^{51}V(d, 4n), Fe(d, x)^{54}Mn, Fe(d, x)^{56}Co, Ni(d, x)^{57}Co, Cu(d, x)^{63}Zn, Ta(d, x)^{180}Ta, W(d, x)^{182}Re, ^{197}Au(d, x)^{194}Au, E=25, 35, 41, 50 MeV; Cr(d, x)^{48}V, Cr(d, x)^{52}Mn, ^{55}Mn(d, x)^{54}Mn, Ni(d, x)^{56}Co, E=39.5 MeV; measured Eγ, Iγ; deduced σ; calculated σ using TALYS code. Compared to data, ACSELAM data library; also SS316, F82H alloys activities deduced. CONF Nice (Nucl Data for Sci and Technol) Proc,P1011
	2008SEZT	NUCLEAR REACTIONS ^{50}Cr(n, x)^{48}V, ^{58}Ni(n, pα), ^{58}Ni(n, x)^{56}Co, ^{63}Cu(n, pα), ^{181}Ta(n, α), ^{181}Ta(n, p), ^{181}Ta(n, x)^{180}Hf, ^{181}Ta(n, 2n), ^{182,183,184,185}W(n, p), ^{183}W(n, x)^{182}Ta, ^{184}W(n, x)^{183}Ta, ^{186}W(n, x)^{185}Ta, ^{186}W(n, 2n), ^{184,186}W(n, α), E=13.8-20.5 MeV; measured Eγ, Iγ; deduced σ. Compared to published data, TALYS and EMPIRE calculations, EAF-2003, EAF-2005, EAF-2007, ADL-3T, JEFF-3.1, JENDL-3.3, JENDL-ACT, ENDF / B-VII. CONF Nice (Nucl Data for Sci and Technol) Proc,P559

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

	2010AL17	NUCLEAR REACTIONS ^{55}Mn(p, n)^{55}Fe, E<18 MeV; ^{55}Mn(p, X)^{54}Mn / ^{51}Cr, E<45 MeV; measured reaction products, x-rays, Eγ, Iγ; deduced σ. Comparison with nuclear model codes ALICE-IPPE, EMPIRE and TALYS. JOUR ARISE 68 2393
	2010CH15	NUCLEAR REACTIONS ^{50,52}Cr(p, n), E=14 MeV; ^{50}Cr(d, n), E=13 MeV;^{55}Mn(p, xnp)^{53}Mn / ^{54}Mn, E=33 MeV; ^{56}Fe(d, 2p), E=25 MeV; measured hyperfine spectra; deduced magnetic dipole moments, quadrupole moments, mean-square charge radii, shell closure. Comparison with shell model calculation using GXPF1A interaction. JOUR PYLBB 690 346
	2010EL04	NUCLEAR REACTIONS ^{60}Ni, ^{95}Mo(n, p), ^{92}Mo(n, α), ^{90}Zr(n, 2n), ^{54}Fe, ^{58}Ni, ^{92}Mo(n, p) E=fission spectrum; measured Eγ, Iγ; deduced σ; deduced lower values for experimental uncertainties vs. calculated. JOUR ARISE 68 2007
	2010UD01	NUCLEAR REACTIONS ^{54}Fe, ^{59}Co, ^{92}Mo(n, p), E>1.5 MeV; measured Eγ, Iγ; deduced σ. JOUR ARISE 68 1656
	2010VA13	RADIOACTIVITY ^{54}Mn(EC); measured decay products, Eγ, Iγ; deduced $T_{1/2}$. Comparison with other experimental and evaluated results. JOUR ARISE 68 2387
^{54}Co	2008BOZG	RADIOACTIVITY ^{54}Ni(β^+); measured ^{54}Co Eγ, Iγ; ^{205}Au(β^-); measured ICC, Eγ, Iγ. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P83
	2008FAZZ	RADIOACTIVITY ^{54}Ni(EC); measured Eγ, Iγ, γ-γ-coin.; deduced level energies, J, π, isomeric state, $T_{1/2}$. Comparison with ^{54}Fe. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P65,Fahlander
	2008GOZP	RADIOACTIVITY ^{54}Ni(β^+); measured Eγ, Iγ; deduced ^{54}Ni $T_{1/2}$, GT distribution strength; ^{62}Ge; ^{113}In; ^{190}Ta; measured decay products. Results on CD only. CONF E.Lansing (NS2008),P9,Gorska
	2010FUZZ	NUCLEAR REACTIONS ^{9}Be, ^{23}Na, ^{25}Mg, ^{42}Ca, ^{46}Ti, ^{50}Cr, ^{54}Fe, ^{58}Ni, ^{118}Sn(^{3}He, t), E=140 MeV / nucleon; measured Eγ, Iγ, reaction products; deduced dσ(E); GT strength. CONF Varenna (Nucl Reaction Mechanisms),Proc,Vol.1,P39
	2010KA26	ATOMIC MASSES ^{56,57}Fe, ^{53,53m,56}Co, ^{55,56,57}Ni, ^{57,58}Cu, ^{59,60}Zn; measured cyclotron resonance frequencies and ratios by JYFLTRAP Penning trap spectrometer; deduced mass excesses. ^{56,57}Fe, ^{53,53m,55,56}Co, ^{55,56,57,58}Ni, ^{57,58,59}Cu, ^{53,56,57}Fe, ^{59,60}Zn; measured frequency ratio pairs. Comparison with previous mass measurements. ^{53,54}Co, ^{55,56}Ni, ^{57,58}Cu, ^{59,60}Zn; deduced Coulomb displacement energies for the T=1 / 2 doublets and T=1 triplets. ^{53}Co, ^{54,55,56}Ni, ^{56,57,58}Cu, ^{58,59,60}Zn, ^{60,61}Ga; deduced S(p) values. Comparison of all the deduced values with AME-2003. JOUR PRVCA 82 034311
^{54}Ni	2008BOZG	RADIOACTIVITY ^{54}Ni(β^+); measured ^{54}Co Eγ, Iγ; ^{205}Au(β^-); measured ICC, Eγ, Iγ. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P83
	2008FAZZ	RADIOACTIVITY ^{54}Ni(EC); measured Eγ, Iγ, γ-γ-coin.; deduced level energies, J, π, isomeric state, $T_{1/2}$. Comparison with ^{54}Fe. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P65,Fahlander

A=54 *(continued)*

2008GOZP RADIOACTIVITY ^{54}Ni(β^+); measured Eγ, Iγ; deduced ^{54}Ni $T_{1/2}$, GT distribution strength; ^{62}Ge; ^{113}In; ^{190}Ta; measured decay products. Results on CD only. CONF E.Lansing (NS2008),P9,Gorska

2010KA26 ATOMIC MASSES ^{56,57}Fe, ^{53,53m,56}Co, ^{55,56,57}Ni, ^{57,58}Cu, ^{59,60}Zn; measured cyclotron resonance frequencies and ratios by JYFLTRAP Penning trap spectrometer; deduced mass excesses. ^{56,57}Fe, ^{53,53m,55,56}Co, ^{55,56,57,58}Ni, ^{57,58,59}Cu, ^{53,56,57}Fe, ^{59,60}Zn; measured frequency ratio pairs. Comparison with previous mass measurements. ^{53,54}Co, ^{55,56}Ni, ^{57,58}Cu, ^{59,60}Zn; deduced Coulomb displacement energies for the T=1 / 2 doublets and T=1 triplets. ^{53}Co, ^{54,55,56}Ni, ^{56,57,58}Cu, ^{58,59,60}Zn, ^{60,61}Ga; deduced S(p) values. Comparison of all the deduced values with AME-2003. JOUR PRVCA 82 034311

A=55

^{55}Sc 2010CR02 RADIOACTIVITY ^{53,54,55,56,57}Sc, ^{53,54}Ca(β^-); ^{54,56}Sc(IT)[from Be(^{76}Ge, X), E=130 MeV / nucleon]; measured Eγ, Iγ, (fragment)β-, $\gamma\gamma$-, $\beta\gamma$-, (fragment)$\beta\gamma$-coin, half-lives. ^{53,54,55,56,57}Ti, ^{53,54,56}Sc; deduced levels, J, π, logft, configurations. Comparison with GXPF1 shell-model calculations. ^{54}Ti(β^-); measured half-life. ^{54,55,56}Sc(β^-n); deduced %β^--n. JOUR PRVCA 82 014311

2010CR02 NUCLEAR REACTIONS Be(^{76}Ge, X)^{52}Ca / ^{53}Ca / ^{54}Ca / ^{53}Sc / ^{54}Sc / ^{55}Sc / ^{56}Sc / ^{55}Ti / ^{56}Ti / ^{57}Ti / ^{58}Ti / ^{57}V / ^{58}V / ^{59}V / ^{60}V / , E=130 MeV / nucleon; measured yields. JOUR PRVCA 82 014311

^{55}Ti 2008KRZV NUCLEAR REACTIONS ^{9}Be(^{56}Ti, n)^{55}Ti, E=high; measured Eγ, Iγ, $\gamma\gamma$-coin, E(fragment); deduced momentum transfer, ground=state single-particle structure; ^{122,124,126}Cd, ^{138,140,142,144}Xe(γ, γ'); measured Coulomb excitation Eγ, Iγ, (particle)γ-coin; deduced B(E2). Compared to other data and systematics. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P96

2010CR02 RADIOACTIVITY ^{53,54,55,56,57}Sc, ^{53,54}Ca(β^-); ^{54,56}Sc(IT)[from Be(^{76}Ge, X), E=130 MeV / nucleon]; measured Eγ, Iγ, (fragment)β-, $\gamma\gamma$-, $\beta\gamma$-, (fragment)$\beta\gamma$-coin, half-lives. ^{53,54,55,56,57}Ti, ^{53,54,56}Sc; deduced levels, J, π, logft, configurations. Comparison with GXPF1 shell-model calculations. ^{54}Ti(β^-); measured half-life. ^{54,55,56}Sc(β^-n); deduced %β^--n. JOUR PRVCA 82 014311

2010CR02 NUCLEAR REACTIONS Be(^{76}Ge, X)^{52}Ca / ^{53}Ca / ^{54}Ca / ^{53}Sc / ^{54}Sc / ^{55}Sc / ^{56}Sc / ^{55}Ti / ^{56}Ti / ^{57}Ti / ^{58}Ti / ^{57}V / ^{58}V / ^{59}V / ^{60}V / , E=130 MeV / nucleon; measured yields. JOUR PRVCA 82 014311

^{55}Fe 2010AL17 NUCLEAR REACTIONS ^{55}Mn(p, n)^{55}Fe, E<18 MeV; ^{55}Mn(p, X)^{54}Mn / ^{51}Cr, E<45 MeV; measured reaction products, x-rays, Eγ, Iγ; deduced σ. Comparison with nuclear model codes ALICE-IPPE, EMPIRE and TALYS. JOUR ARISE 68 2393

A=55 *(continued)*

^{55}Co	2010KA26	ATOMIC MASSES ^{56,57}Fe, ^{53,53m,56}Co, ^{55,56,57}Ni, ^{57,58}Cu, ^{59,60}Zn; measured cyclotron resonance frequencies and ratios by JYFLTRAP Penning trap spectrometer; deduced mass excesses. ^{56,57}Fe, ^{53,53m,55,56}Co, ^{55,56,57,58}Ni, ^{57,58,59}Cu, ^{53,56,57}Fe, ^{59,60}Zn; measured frequency ratio pairs. Comparison with previous mass measurements. ^{53,54}Co, ^{55,56}Ni, ^{57,58}Cu, ^{59,60}Zn; deduced Coulomb displacement energies for the T=1 / 2 doublets and T=1 triplets. ^{53}Co, ^{54,55,56}Ni, ^{56,57,58}Cu, ^{58,59,60}Zn, ^{60,61}Ga; deduced S(p) values. Comparison of all the deduced values with AME-2003. JOUR PRVCA 82 034311
	2010KA26	RADIOACTIVITY ^{53}Co(EC), ^{53m}Co(EC), (p); deduced Q values and revised level schemes. ^{53}Co; deduced energy of the high-spin isomer. ^{53}Co, ^{55,56}Ni, ^{57,58}Cu, ^{59,60}Zn(EC); deduced Q values from measured masses, electron capture probabilities, Logft values, and Gamow-Teller matrix elements. JOUR PRVCA 82 034311
^{55}Ni	2010KA26	ATOMIC MASSES ^{56,57}Fe, ^{53,53m,56}Co, ^{55,56,57}Ni, ^{57,58}Cu, ^{59,60}Zn; measured cyclotron resonance frequencies and ratios by JYFLTRAP Penning trap spectrometer; deduced mass excesses. ^{56,57}Fe, ^{53,53m,55,56}Co, ^{55,56,57,58}Ni, ^{57,58,59}Cu, ^{53,56,57}Fe, ^{59,60}Zn; measured frequency ratio pairs. Comparison with previous mass measurements. ^{53,54}Co, ^{55,56}Ni, ^{57,58}Cu, ^{59,60}Zn; deduced Coulomb displacement energies for the T=1 / 2 doublets and T=1 triplets. ^{53}Co, ^{54,55,56}Ni, ^{56,57,58}Cu, ^{58,59,60}Zn, ^{60,61}Ga; deduced S(p) values. Comparison of all the deduced values with AME-2003. JOUR PRVCA 82 034311
	2010KA26	RADIOACTIVITY ^{53}Co(EC), ^{53m}Co(EC), (p); deduced Q values and revised level schemes. ^{53}Co; deduced energy of the high-spin isomer. ^{53}Co, ^{55,56}Ni, ^{57,58}Cu, ^{59,60}Zn(EC); deduced Q values from measured masses, electron capture probabilities, Logft values, and Gamow-Teller matrix elements. JOUR PRVCA 82 034311
	2010KA26	NUCLEAR REACTIONS ^{54}Fe(p, X)^{53}Co / ^{53m}Co / ^{56}Ni / ^{57}Cu / ^{58}Cu, E=40, 50 MeV; ^{54}Fe(^{3}He, X)^{55}Ni / ^{56}Ni / ^{59}Zn / ^{60}Zn, E=25 MeV; Ca(^{20}Ne, X)^{56}Co / ^{57}Ni, E=75, 105 MeV; measured masses of product nuclides. ^{56}Ni(p, γ)^{57}Cu; deduced reaction Q value, proton resonance energies, rescaled proton widths, and reaction rates of astrophysical significance. JOUR PRVCA 82 034311

A=56

^{56}Sc	2010CR02	RADIOACTIVITY ^{53,54,55,56,57}Sc, ^{53,54}Ca(β^-); ^{54,56}Sc(IT)[from Be(^{76}Ge, X), E=130 MeV / nucleon]; measured Eγ, Iγ, (fragment)β-, $\gamma\gamma$-, $\beta\gamma$-, (fragment)$\beta\gamma$-coin, half-lives. ^{53,54,55,56,57}Ti, ^{53,54,56}Sc; deduced levels, J, π, logft, configurations. Comparison with GXPF1 shell-model calculations. ^{54}Ti(β^-); measured half-life. ^{54,55,56}Sc(β^-n); deduced %β^--n. JOUR PRVCA 82 014311
	2010CR02	NUCLEAR REACTIONS Be(^{76}Ge, X)^{52}Ca / ^{53}Ca / ^{54}Ca / ^{53}Sc / ^{54}Sc / ^{55}Sc / ^{56}Sc / ^{55}Ti / ^{56}Ti / ^{57}Ti / ^{58}Ti / ^{57}V / ^{58}V / ^{59}V / ^{60}V / , E=130 MeV / nucleon; measured yields. JOUR PRVCA 82 014311

A=56 *(continued)*

^{56}Ti	2010CR02	RADIOACTIVITY ^{53,54,55,56,57}Sc, ^{53,54}Ca(β^-); ^{54,56}Sc(IT)[from Be(^{76}Ge, X), E=130 MeV / nucleon]; measured Eγ, Iγ, (fragment)β-, $\gamma\gamma$-, $\beta\gamma$-, (fragment)$\beta\gamma$-coin, half-lives. ^{53,54,55,56,57}Ti, ^{53,54,56}Sc; deduced levels, J, π, logft, configurations. Comparison with GXPF1 shell-model calculations. ^{54}Ti(β^-); measured half-life. ^{54,55,56}Sc(β^-n); deduced %β^--n. JOUR PRVCA 82 014311
	2010CR02	NUCLEAR REACTIONS Be(^{76}Ge, X)^{52}Ca / ^{53}Ca / ^{54}Ca / ^{53}Sc / ^{54}Sc / ^{55}Sc / ^{56}Sc / ^{55}Ti / ^{56}Ti / ^{57}Ti / ^{58}Ti / ^{57}V / ^{58}V / ^{59}V / ^{60}V / , E=130 MeV / nucleon; measured yields. JOUR PRVCA 82 014311
^{56}Mn	2008GUZQ	NUCLEAR REACTIONS ^{39,41}K(n, γ), E=10-64 keV; ^{55}Mn(n, γ), E=20-40 keV; measured Eγ, Iγ, En, In using TOF; deduced σ; calculated σ using SAMMY code with ENDF / B-VI and JENDL-3.2 resonance parameters; evaluated σ, transmission data. ORELA facility. CONF Nice (Nucl Data for Sci and Technol) Proc,P403
	2010BU06	NUCLEAR REACTIONS ^{152}Sm, ^{165}Ho, ^{55}Mn, ^{98}Mo, ^{197}Au(n, γ), E=epithermal; measured Eγ, Iγ; deduced resonance energies. Comparison with theoretical calculations. JOUR NIMBE 268 2578
	2010CH15	NUCLEAR REACTIONS ^{50,52}Cr(p, n), E=14 MeV; ^{50}Cr(d, n), E=13 MeV;^{55}Mn(p, xnp)^{53}Mn / ^{54}Mn, E=33 MeV; ^{56}Fe(d, 2p), E=25 MeV; measured hyperfine spectra; deduced magnetic dipole moments, quadrupole moments, mean-square charge radii, shell closure. Comparison with shell model calculation using GXPF1A interaction. JOUR PYLBB 690 346
	2010KR02	NUCLEAR REACTIONS ^{27}Al, ^{197}Au, ^{59}Co, In, ^{181}Ta(n, γ), (n, α), (n, xn), E=1 GeV; ^{191,192,193,194,196,198}Au, ^{24}Na; measured Eα, Iα, Eγ, Iγ; deduced yields, σ. JOUR NIMAE 615 70
^{56}Fe	2008NEZY	NUCLEAR REACTIONS ^{56}Fe, ^{206}Pb(n, n'γ), E≈1000-19000 keV; measured Eγ, I$\gamma(\theta)$; deduced σ. Preliminary results. CONF Nice (Nucl Data for Sci and Technol) Proc,P1016
	2010FO01	NUCLEAR REACTIONS ^{56}Fe(n, n'γ), E=1-250 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin using GEANIE array. ^{56}Fe; deduced levels, J, π. Discussed first 3- state in ^{56}Fe. JOUR PRVCA 81 037304
	2010KA26	ATOMIC MASSES ^{56,57}Fe, ^{53,53m,56}Co, ^{55,56,57}Ni, ^{57,58}Cu, ^{59,60}Zn; measured cyclotron resonance frequencies and ratios by JYFLTRAP Penning trap spectrometer; deduced mass excesses. ^{56,57}Fe, ^{53,53m,55,56}Co, ^{55,56,57,58}Ni, ^{57,58,59}Cu, ^{53,56,57}Fe, ^{59,60}Zn; measured frequency ratio pairs. Comparison with previous mass measurements. ^{53,54}Co, ^{55,56}Ni, ^{57,58}Cu, ^{59,60}Zn; deduced Coulomb displacement energies for the T=1 / 2 doublets and T=1 triplets. ^{53}Co, ^{54,55,56}Ni, ^{56,57,58}Cu, ^{58,59,60}Zn, ^{60,61}Ga; deduced S(p) values. Comparison of all the deduced values with AME-2003. JOUR PRVCA 82 034311
^{56}Co	2008OCZZ	NUCLEAR REACTIONS ^{27}Al(d, x)^{24}Na, ^{51}V(d, 4n), Fe(d, x)^{54}Mn, Fe(d, x)^{56}Co, Ni(d, x)^{57}Co, Cu(d, x)^{63}Zn, Ta(d, x)^{180}Ta, W(d, x)^{182}Re, ^{197}Au(d, x)^{194}Au, E=25, 35, 41, 50 MeV; Cr(d, x)^{48}V, Cr(d, x)^{52}Mn, ^{55}Mn(d, x)^{54}Mn, Ni(d, x)^{56}Co, E=39.5 MeV; measured Eγ, Iγ; deduced σ; calculated σ using TALYS code. Compared to data, ACSELAM data library; also SS316, F82H alloys activities deduced. CONF Nice (Nucl Data for Sci and Technol) Proc,P1011

A=56 ***(continued)***

	2008SEZT	NUCLEAR REACTIONS ^{50}Cr(n, x)^{48}V, ^{58}Ni(n, pα), ^{58}Ni(n, x)^{56}Co, ^{63}Cu(n, pα), ^{181}Ta(n, α), ^{181}Ta(n, p), ^{181}Ta(n, x)^{180}Hf, ^{181}Ta(n, 2n), ^{182,183,184,185}W(n, p), ^{183}W(n, x)^{182}Ta, ^{184}W(n, x)^{183}Ta, ^{186}W(n, x)^{185}Ta, ^{186}W(n, 2n), ^{184,186}W(n, α), E=13.8-20.5 MeV; measured Eγ, Iγ; deduced σ. Compared to published data, TALYS and EMPIRE calculations, EAF-2003, EAF-2005, EAF-2007, ADL-3T, JEFF-3.1, JENDL-3.3, JENDL-ACT, ENDF / B-VII. CONF Nice (Nucl Data for Sci and Technol) Proc,P559
	2010KA26	ATOMIC MASSES ^{56,57}Fe, ^{53,53m,56}Co, ^{55,56,57}Ni, ^{57,58}Cu, ^{59,60}Zn; measured cyclotron resonance frequencies and ratios by JYFLTRAP Penning trap spectrometer; deduced mass excesses. ^{56,57}Fe, ^{53,53m,55,56}Co, ^{55,56,57,58}Ni, ^{57,58,59}Cu, ^{53,56,57}Fe, ^{59,60}Zn; measured frequency ratio pairs. Comparison with previous mass measurements. ^{53,54}Co, ^{55,56}Ni, ^{57,58}Cu, ^{59,60}Zn; deduced Coulomb displacement energies for the T=1 / 2 doublets and T=1 triplets. ^{53}Co, ^{54,55,56}Ni, ^{56,57,58}Cu, ^{58,59,60}Zn, ^{60,61}Ga; deduced S(p) values. Comparison of all the deduced values with AME-2003. JOUR PRVCA 82 034311
	2010KA26	RADIOACTIVITY ^{53}Co(EC), ^{53m}Co(EC), (p); deduced Q values and revised level schemes. ^{53}Co; deduced energy of the high-spin isomer. ^{53}Co, ^{55,56}Ni, ^{57,58}Cu, ^{59,60}Zn(EC); deduced Q values from measured masses, electron capture probabilities, Logft values, and Gamow-Teller matrix elements. JOUR PRVCA 82 034311
	2010KA26	NUCLEAR REACTIONS ^{54}Fe(p, X)^{53}Co / ^{53m}Co / ^{56}Ni / ^{57}Cu / ^{58}Cu, E=40, 50 MeV; ^{54}Fe(^{3}He, X)^{55}Ni / ^{56}Ni / ^{59}Zn / ^{60}Zn, E=25 MeV; Ca(^{20}Ne, X)^{56}Co / ^{57}Ni, E=75, 105 MeV; measured masses of product nuclides. ^{56}Ni(p, γ)^{57}Cu; deduced reaction Q value, proton resonance energies, rescaled proton widths, and reaction rates of astrophysical significance. JOUR PRVCA 82 034311
^{56}Ni	2009RO29	NUCLEAR REACTIONS ^{12}C(^{8}He, ^{7}H), E=15.4 MeV / nucleon; measured Et, It, recoil spectra, (recoil)(triton)-coin; deduced correlations. ^{2}H(^{56}Ni, ^{56}Ni'), E=50 MeV / nucleon; measured recoiling Ed, Id. ^{56}Ni; deduced isoscaler giant monopole and giant quadrupole resonance parameters. ^{1}H(^{11}Li, ^{9}Li), E=33 MeV; measured Et, It, recoil spectra; deduced $\sigma(\theta)$, configurations. MAYA active target and SPIRAL radioactive beam facility at GANIL. JOUR ZAANE 42 447
	2010KA26	ATOMIC MASSES ^{56,57}Fe, ^{53,53m,56}Co, ^{55,56,57}Ni, ^{57,58}Cu, ^{59,60}Zn; measured cyclotron resonance frequencies and ratios by JYFLTRAP Penning trap spectrometer; deduced mass excesses. ^{56,57}Fe, ^{53,53m,55,56}Co, ^{55,56,57,58}Ni, ^{57,58,59}Cu, ^{53,56,57}Fe, ^{59,60}Zn; measured frequency ratio pairs. Comparison with previous mass measurements. ^{53,54}Co, ^{55,56}Ni, ^{57,58}Cu, ^{59,60}Zn; deduced Coulomb displacement energies for the T=1 / 2 doublets and T=1 triplets. ^{53}Co, ^{54,55,56}Ni, ^{56,57,58}Cu, ^{58,59,60}Zn, ^{60,61}Ga; deduced S(p) values. Comparison of all the deduced values with AME-2003. JOUR PRVCA 82 034311
	2010KA26	RADIOACTIVITY ^{53}Co(EC), ^{53m}Co(EC), (p); deduced Q values and revised level schemes. ^{53}Co; deduced energy of the high-spin isomer. ^{53}Co, ^{55,56}Ni, ^{57,58}Cu, ^{59,60}Zn(EC); deduced Q values from measured masses, electron capture probabilities, Logft values, and Gamow-Teller matrix elements. JOUR PRVCA 82 034311

A=56 *(continued)*

	2010KA26	NUCLEAR REACTIONS ^{54}Fe(p, X)^{53}Co / ^{53m}Co / ^{56}Ni / ^{57}Cu / ^{58}Cu, E=40, 50 MeV; ^{54}Fe(^{3}He, X)^{55}Ni / ^{56}Ni / ^{59}Zn / ^{60}Zn, E=25 MeV; Ca(^{20}Ne, X)^{56}Co / ^{57}Ni, E=75, 105 MeV; measured masses of product nuclides. ^{56}Ni(p, γ)^{57}Cu; deduced reaction Q value, proton resonance energies, rescaled proton widths, and reaction rates of astrophysical significance. JOUR PRVCA 82 034311
^{56}Cu	2010KA26	ATOMIC MASSES ^{56,57}Fe, ^{53,53m,56}Co, ^{55,56,57}Ni, ^{57,58}Cu, ^{59,60}Zn; measured cyclotron resonance frequencies and ratios by JYFLTRAP Penning trap spectrometer; deduced mass excesses. ^{56,57}Fe, ^{53,53m,55,56}Co, ^{55,56,57,58}Ni, ^{57,58,59}Cu, ^{53,56,57}Fe, ^{59,60}Zn; measured frequency ratio pairs. Comparison with previous mass measurements. ^{53,54}Co, ^{55,56}Ni, ^{57,58}Cu, ^{59,60}Zn; deduced Coulomb displacement energies for the T=1 / 2 doublets and T=1 triplets. ^{53}Co, ^{54,55,56}Ni, ^{56,57,58}Cu, ^{58,59,60}Zn, ^{60,61}Ga; deduced S(p) values. Comparison of all the deduced values with AME-2003. JOUR PRVCA 82 034311

A=57

^{57}Sc	2010CR02	RADIOACTIVITY ^{53,54,55,56,57}Sc, ^{53,54}Ca(β^-); ^{54,56}Sc(IT)[from Be(^{76}Ge, X), E=130 MeV / nucleon]; measured Eγ, Iγ, (fragment)β-, $\gamma\gamma$-, $\beta\gamma$-, (fragment)$\beta\gamma$-coin, half-lives. ^{53,54,55,56,57}Ti, ^{53,54,56}Sc; deduced levels, J, π, logft, configurations. Comparison with GXPF1 shell-model calculations. ^{54}Ti(β^-); measured half-life. ^{54,55,56}Sc(β^-n); deduced %β^--n. JOUR PRVCA 82 014311
^{57}Ti	2010CR02	RADIOACTIVITY ^{53,54,55,56,57}Sc, ^{53,54}Ca(β^-); ^{54,56}Sc(IT)[from Be(^{76}Ge, X), E=130 MeV / nucleon]; measured Eγ, Iγ, (fragment)β-, $\gamma\gamma$-, $\beta\gamma$-, (fragment)$\beta\gamma$-coin, half-lives. ^{53,54,55,56,57}Ti, ^{53,54,56}Sc; deduced levels, J, π, logft, configurations. Comparison with GXPF1 shell-model calculations. ^{54}Ti(β^-); measured half-life. ^{54,55,56}Sc(β^-n); deduced %β^--n. JOUR PRVCA 82 014311
	2010CR02	NUCLEAR REACTIONS Be(^{76}Ge, X)^{52}Ca / ^{53}Ca / ^{54}Ca / ^{53}Sc / ^{54}Sc / ^{55}Sc / ^{56}Sc / ^{55}Ti / ^{56}Ti / ^{57}Ti / ^{58}Ti / ^{57}V / ^{58}V / ^{59}V / ^{60}V / , E=130 MeV / nucleon; measured yields. JOUR PRVCA 82 014311
^{57}V	2010CR02	NUCLEAR REACTIONS Be(^{76}Ge, X)^{52}Ca / ^{53}Ca / ^{54}Ca / ^{53}Sc / ^{54}Sc / ^{55}Sc / ^{56}Sc / ^{55}Ti / ^{56}Ti / ^{57}Ti / ^{58}Ti / ^{57}V / ^{58}V / ^{59}V / ^{60}V / , E=130 MeV / nucleon; measured yields. JOUR PRVCA 82 014311
^{57}Mn	2009STZZ	NUCLEAR REACTIONS ^{13,14}C(^{48}Ca, xnp)^{57}Mn / ^{58}Mn / ^{59}Mn / ^{60}Mn, E=130 MeV;measured Eγ, Iγ, $\gamma\gamma$-, (fragment)γ-coin, $\gamma(\theta)$, $\gamma\gamma(\theta)$(DCO) using Gammasphere array and Fragment Mass Analyzer. ^{57,58,59,60}Mn; deduced levels, J, π, and Comparisons with shell-model calculations using PREPRINT Steppenbeck,12/22/2009
	2010ST01	NUCLEAR REACTIONS ^{13,14}C(^{48}Ca, X), E=130 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin using the Gammasphere array, $\gamma(\theta)$, DCO ratios. ^{57,58,59,60}Mn; deduced levels, J, π, multipolarities. Comparison with shell-model calculations using the GXPF1A effective interaction. JOUR PRVCA 81 014305

A=57 *(continued)*

^{57}Fe	2010KA26	ATOMIC MASSES ^{56,57}Fe, ^{53,53m,56}Co, ^{55,56,57}Ni, ^{57,58}Cu, ^{59,60}Zn; measured cyclotron resonance frequencies and ratios by JYFLTRAP Penning trap spectrometer; deduced mass excesses. ^{56,57}Fe, ^{53,53m,55,56}Co, ^{55,56,57,58}Ni, ^{57,58,59}Cu, ^{53,56,57}Fe, ^{59,60}Zn; measured frequency ratio pairs. Comparison with previous mass measurements. ^{53,54}Co, ^{55,56}Ni, ^{57,58}Cu, ^{59,60}Zn; deduced Coulomb displacement energies for the T=1 / 2 doublets and T=1 triplets. ^{53}Co, ^{54,55,56}Ni, ^{56,57,58}Cu, ^{58,59,60}Zn, ^{60,61}Ga; deduced S(p) values. Comparison of all the deduced values with AME-2003. JOUR PRVCA 82 034311
	2010RU01	NUCLEAR REACTIONS ^{28}Si(^{32}Si, n2p)^{57}Ni, E=130 MeV; measured Eγ, Iγ, γ-γ-coins.; deduced high-spin states, superdeformed rotational bands. Cranked Nilsson-Strutinsky calculations, GAMMASPHERE. JOUR JPGPE 37 075105
	2010WA03	NUCLEAR REACTIONS ^{197}Au, ^{56,57}Fe(n, γ), E=10-90 keV; measured Eγ, Iγ; deduced σ. Comparison with ENDF / B-VII.0 and JENDL-3.3 data. JOUR NIMBE 268 440
^{57}Co	2008DIZR	NUCLEAR REACTIONS Fe(d, x)^{57}Co, E≈0-22 MeV; measured Eγ, Iγ; deduced σ; calculated σ using ALICE-IPPE. CONF Nice (Nucl Data for Sci and Technol) Proc,P1375
	2008OCZZ	NUCLEAR REACTIONS ^{27}Al(d, x)^{24}Na, ^{51}V(d, 4n), Fe(d, x)^{54}Mn, Fe(d, x)^{56}Co, Ni(d, x)^{57}Co, Cu(d, x)^{63}Zn, Ta(d, x)^{180}Ta, W(d, x)^{182}Re, ^{197}Au(d, x)^{194}Au, E=25, 35, 41, 50 MeV; Cr(d, x)^{48}V, Cr(d, x)^{52}Mn, ^{55}Mn(d, x)^{54}Mn, Ni(d, x)^{56}Co, E=39.5 MeV; measured Eγ, Iγ; deduced σ; calculated σ using TALYS code. Compared to data, ACSELAM data library; also SS316, F82H alloys activities deduced. CONF Nice (Nucl Data for Sci and Technol) Proc,P1011
^{57}Ni	2010KA26	ATOMIC MASSES ^{56,57}Fe, ^{53,53m,56}Co, ^{55,56,57}Ni, ^{57,58}Cu, ^{59,60}Zn; measured cyclotron resonance frequencies and ratios by JYFLTRAP Penning trap spectrometer; deduced mass excesses. ^{56,57}Fe, ^{53,53m,55,56}Co, ^{55,56,57,58}Ni, ^{57,58,59}Cu, ^{53,56,57}Fe, ^{59,60}Zn; measured frequency ratio pairs. Comparison with previous mass measurements. ^{53,54}Co, ^{55,56}Ni, ^{57,58}Cu, ^{59,60}Zn; deduced Coulomb displacement energies for the T=1 / 2 doublets and T=1 triplets. ^{53}Co, ^{54,55,56}Ni, ^{56,57,58}Cu, ^{58,59,60}Zn, ^{60,61}Ga; deduced S(p) values. Comparison of all the deduced values with AME-2003. JOUR PRVCA 82 034311
	2010KA26	RADIOACTIVITY ^{53}Co(EC), ^{53m}Co(EC), (p); deduced Q values and revised level schemes. ^{53}Co; deduced energy of the high-spin isomer. ^{53}Co, ^{55,56}Ni, ^{57,58}Cu, ^{59,60}Zn(EC); deduced Q values from measured masses, electron capture probabilities, Logft values, and Gamow-Teller matrix elements. JOUR PRVCA 82 034311
	2010KA26	NUCLEAR REACTIONS ^{54}Fe(p, X)^{53}Co / ^{53m}Co / ^{56}Ni / ^{57}Cu / ^{58}Cu, E=40, 50 MeV; ^{54}Fe(^{3}He, X)^{55}Ni / ^{56}Ni / ^{59}Zn / ^{60}Zn, E=25 MeV; Ca(^{20}Ne, X)^{56}Co / ^{57}Ni, E=75, 105 MeV; measured masses of product nuclides. ^{56}Ni(p, γ)^{57}Cu; deduced reaction Q value, proton resonance energies, rescaled proton widths, and reaction rates of astrophysical significance. JOUR PRVCA 82 034311

A=57 *(continued)*

	2010RU01	NUCLEAR REACTIONS ^{28}Si(^{32}Si, n2p)^{57}Ni, E=130 MeV; measured Eγ, Iγ, γ-γ-coins.; deduced high-spin states, superdeformed rotational bands. Cranked Nilsson-Strutinsky calculations, GAMMASPHERE. JOUR JPGPE 37 075105
^{57}Cu	2009COZX	NUCLEAR MOMENTS ^{57,58,59,63,65}Cu; measured hyperfine structure using in-gas-cell laser spectroscopy technique at LISOL facility; deduced magnetic moments, hyperfine parameters and shell-model calculations using GXPF1 interaction. PREPRINT Cocolios,12/17/2009
	2010CO01	NUCLEAR REACTIONS Ni(p, xn)^{57}Cu / ^{58}Cu / ^{59}Cu, E=30 MeV; Ni(^{3}He, pn)^{59}Cu, E=25 MeV; measured hyperfine spectra of ^{57,58,59,63,65}Cu using in-gas-cell laser spectroscopy at LISOL facility. JOUR PRVCA 81 014314
	2010CO01	NUCLEAR MOMENTS ^{57,58,59,63,65}Cu; measured hyperfine spectra using in-gas-cell resonant ionization laser spectroscopy; deduced g-factors, isotope shifts, magnetic dipole moments, and configuration. Comparison with shell-model calculations using GXPF1 interaction. JOUR PRVCA 81 014314
	2010KA26	ATOMIC MASSES ^{56,57}Fe, ^{53,53m,56}Co, ^{55,56,57}Ni, ^{57,58}Cu, ^{59,60}Zn; measured cyclotron resonance frequencies and ratios by JYFLTRAP Penning trap spectrometer; deduced mass excesses. ^{56,57}Fe, ^{53,53m,55,56}Co, ^{55,56,57,58}Ni, ^{57,58,59}Cu, ^{53,56,57}Fe, ^{59,60}Zn; measured frequency ratio pairs. Comparison with previous mass measurements. ^{53,54}Co, ^{55,56}Ni, ^{57,58}Cu, ^{59,60}Zn; deduced Coulomb displacement energies for the T=1 / 2 doublets and T=1 triplets. ^{53}Co, ^{54,55,56}Ni, ^{56,57,58}Cu, ^{58,59,60}Zn, ^{60,61}Ga; deduced S(p) values. Comparison of all the deduced values with AME-2003. JOUR PRVCA 82 034311
	2010KA26	RADIOACTIVITY ^{53}Co(EC), ^{53m}Co(EC), (p); deduced Q values and revised level schemes. ^{53}Co; deduced energy of the high-spin isomer. ^{53}Co, ^{55,56}Ni, ^{57,58}Cu, ^{59,60}Zn(EC); deduced Q values from measured masses, electron capture probabilities, Logft values, and Gamow-Teller matrix elements. JOUR PRVCA 82 034311
	2010KA26	NUCLEAR REACTIONS ^{54}Fe(p, X)^{53}Co / ^{53m}Co / ^{56}Ni / ^{57}Cu / ^{58}Cu, E=40, 50 MeV; ^{54}Fe(^{3}He, X)^{55}Ni / ^{56}Ni / ^{59}Zn / ^{60}Zn, E=25 MeV; Ca(^{20}Ne, X)^{56}Co / ^{57}Ni, E=75, 105 MeV; measured masses of product nuclides. ^{56}Ni(p, γ)^{57}Cu; deduced reaction Q value, proton resonance energies, rescaled proton widths, and reaction rates of astrophysical significance. JOUR PRVCA 82 034311

A=58

^{58}Ti	2010CR02	NUCLEAR REACTIONS Be(^{76}Ge, X)^{52}Ca / ^{53}Ca / ^{54}Ca / ^{53}Sc / ^{54}Sc / ^{55}Sc / ^{56}Sc / ^{55}Ti / ^{56}Ti / ^{57}Ti / ^{58}Ti / ^{57}V / ^{58}V / ^{59}V / ^{60}V / , E=130 MeV / nucleon; measured yields. JOUR PRVCA 82 014311
^{58}V	2010CR02	NUCLEAR REACTIONS Be(^{76}Ge, X)^{52}Ca / ^{53}Ca / ^{54}Ca / ^{53}Sc / ^{54}Sc / ^{55}Sc / ^{56}Sc / ^{55}Ti / ^{56}Ti / ^{57}Ti / ^{58}Ti / ^{57}V / ^{58}V / ^{59}V / ^{60}V / , E=130 MeV / nucleon; measured yields. JOUR PRVCA 82 014311

A=58 ***(continued)***

^{58}Mn	2009STZZ	NUCLEAR REACTIONS ^{13,14}C(^{48}Ca, xnp)^{57}Mn / ^{58}Mn / ^{59}Mn / ^{60}Mn, E=130 MeV;measured Eγ, Iγ, $\gamma\gamma$-, (fragment)γ-coin, $\gamma(\theta)$, $\gamma\gamma(\theta)$(DCO) using Gammasphere array and Fragment Mass Analyzer. ^{57,58,59,60}Mn; deduced levels, J, π, and Comparisons with shell-model calculations using PREPRINT Steppenbeck,12/22/2009
	2010ST01	NUCLEAR REACTIONS ^{13,14}C(^{48}Ca, X), E=130 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin using the Gammasphere array, $\gamma(\theta)$, DCO ratios. ^{57,58,59,60}Mn; deduced levels, J, π, multipolarities. Comparison with shell-model calculations using the GXPF1A effective interaction. JOUR PRVCA 81 014305
^{58}Fe	2010WA03	NUCLEAR REACTIONS ^{197}Au, ^{56,57}Fe(n, γ), E=10-90 keV; measured Eγ, Iγ; deduced σ. Comparison with ENDF / B-VII.0 and JENDL-3.3 data. JOUR NIMBE 268 440
^{58}Co	2010EL04	NUCLEAR REACTIONS ^{60}Ni, ^{95}Mo(n, p), ^{92}Mo(n, α), ^{90}Zr(n, 2n), ^{54}Fe, ^{58}Ni, ^{92}Mo(n, p) E=fission spectrum; measured Eγ, Iγ; deduced σ; deduced lower values for experimental uncertainties vs. calculated. JOUR ARISE 68 2007
^{58}Ni	2010EK01	NUCLEAR REACTIONS ^{58}Ni(^{106}In, ^{106}In'), (^{108}In, ^{108}In'), E=2.8 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following Coulomb excitation at the REX-ISOLDE facility. ^{106,108}In; deduced levels, J, π, B(E2); calculated low-lying level properties, E2, M1 matrix elements using shell model plus coupled channels. JOUR ZAANE 44 355
	2010KA26	ATOMIC MASSES ^{56,57}Fe, ^{53,53m,56}Co, ^{55,56,57}Ni, ^{57,58}Cu, ^{59,60}Zn; measured cyclotron resonance frequencies and ratios by JYFLTRAP Penning trap spectrometer; deduced mass excesses. ^{56,57}Fe, ^{53,53m,55,56}Co, ^{55,56,57,58}Ni, ^{57,58,59}Cu, ^{53,56,57}Fe, ^{59,60}Zn; measured frequency ratio pairs. Comparison with previous mass measurements. ^{53,54}Co, ^{55,56}Ni, ^{57,58}Cu, ^{59,60}Zn; deduced Coulomb displacement energies for the T=1 / 2 doublets and T=1 triplets. ^{53}Co, ^{54,55,56}Ni, ^{56,57,58}Cu, ^{58,59,60}Zn, ^{60,61}Ga; deduced S(p) values. Comparison of all the deduced values with AME-2003. JOUR PRVCA 82 034311
	2010KA26	RADIOACTIVITY ^{53}Co(EC), ^{53m}Co(EC), (p); deduced Q values and revised level schemes. ^{53}Co; deduced energy of the high-spin isomer. ^{53}Co, ^{55,56}Ni, ^{57,58}Cu, ^{59,60}Zn(EC); deduced Q values from measured masses, electron capture probabilities, Logft values, and Gamow-Teller matrix elements. JOUR PRVCA 82 034311
	2010KR01	NUCLEAR REACTIONS ^{58}Ni, ^{90}Zr(^{6}Li, ^{6}Li), (^{6}Li, ^{6}Li'), E=240 MeV; measured particle spectra, $\sigma(\theta)$ using multipole dipole-multipole (MDM) magnetic spectrometer. ^{58}Ni, ^{90}Zr; deduced levels, J, π, B(E2) for first 2+, and B(E3) for first 3- states. Comparison with deformed potential (DP) model and density-dependent double-folding (DDF) calculations using M3Y NN effective interaction and phenomenological Woods-Saxon potential. JOUR PRVCA 81 014603
	2010MA45	NUCLEAR REACTIONS ^{58}Ni(^{17}F, ^{17}F), (^{17}F, ^{17}F'), (^{17}F, p^{16}O), E=54.1, 58.5 MeV; measured $\sigma(\theta)$ using EXODET array; analyzed "reduced" σ. Calculations using coupled-channels code FRESCO. Comparisons with ^{58}Ni(^{16}O, ^{16}O) and ^{64}Zn(^{16}O, ^{16}O). Secondary radioactive beams. JOUR NUPAB 834 488c

A=58 ***(continued)***

	2010PAZZ	NUCLEAR REACTIONS ^{58}Ni, ^{124}Sn, ^{208}Pb(d, d'), E=3.5-7.3 MeV; measured $\sigma(\theta)$. Tandem. CONF St.-Petersburg,P136,Pavlenko
	2010ZE06	NUCLEAR REACTIONS ^{58}Ni, ^{204,206,208}Pb(polarized p, p), E=295 MeV; measured proton spectra, $\sigma(\theta)$ and analyzing powers; deduced neutron and proton densities, neutron skin thickness and rms radii using model-independent sum-of-Gaussians distributions. Comparison with relativistic impulse approximation (RIA) for ^{58}Ni data and with RIA and Murdock and Horowitz (MH) model calculations for Pb nuclei. JOUR PRVCA 82 044611
^{58}Cu	2009COZX	NUCLEAR MOMENTS ^{57,58,59,63,65}Cu; measured hyperfine structure using in-gas-cell laser spectroscopy technique at LISOL facility; deduced magnetic moments, hyperfine parameters and shell-model calculations using GXPF1 interaction. PREPRINT Cocolios,12/17/2009
	2010CO01	NUCLEAR REACTIONS Ni(p, xn)^{57}Cu / ^{58}Cu / ^{59}Cu, E=30 MeV; Ni(^{3}He, pn)^{59}Cu, E=25 MeV; measured hyperfine spectra of ^{57,58,59,63,65}Cu using in-gas-cell laser spectroscopy at LISOL facility. JOUR PRVCA 81 014314
	2010CO01	NUCLEAR MOMENTS ^{57,58,59,63,65}Cu; measured hyperfine spectra using in-gas-cell resonant ionization laser spectroscopy; deduced g-factors, isotope shifts, magnetic dipole moments, and configuration. Comparison with shell-model calculations using GXPF1 interaction. JOUR PRVCA 81 014314
	2010FUZZ	NUCLEAR REACTIONS ^{9}Be, ^{23}Na, ^{25}Mg, ^{42}Ca, ^{46}Ti, ^{50}Cr, ^{54}Fe, ^{58}Ni, ^{118}Sn(^{3}He, t), E=140 MeV / nucleon; measured Eγ, Iγ, reaction products; deduced dσ(E); GT strength. CONF Varenna (Nucl Reaction Mechanisms),Proc,Vol.1,P39
	2010KA26	ATOMIC MASSES ^{56,57}Fe, ^{53,53m,56}Co, ^{55,56,57}Ni, ^{57,58}Cu, ^{59,60}Zn; measured cyclotron resonance frequencies and ratios by JYFLTRAP Penning trap spectrometer; deduced mass excesses. ^{56,57}Fe, ^{53,53m,55,56}Co, ^{55,56,57,58}Ni, ^{57,58,59}Cu, ^{53,56,57}Fe, ^{59,60}Zn; measured frequency ratio pairs. Comparison with previous mass measurements. ^{53,54}Co, ^{55,56}Ni, ^{57,58}Cu, ^{59,60}Zn; deduced Coulomb displacement energies for the T=1 / 2 doublets and T=1 triplets. ^{53}Co, ^{54,55,56}Ni, ^{56,57,58}Cu, ^{58,59,60}Zn, ^{60,61}Ga; deduced S(p) values. Comparison of all the deduced values with AME-2003. JOUR PRVCA 82 034311
	2010KA26	RADIOACTIVITY ^{53}Co(EC), ^{53m}Co(EC), (p); deduced Q values and revised level schemes. ^{53}Co; deduced energy of the high-spin isomer. ^{53}Co, ^{55,56}Ni, ^{57,58}Cu, ^{59,60}Zn(EC); deduced Q values from measured masses, electron capture probabilities, Logft values, and Gamow-Teller matrix elements. JOUR PRVCA 82 034311
	2010KA26	NUCLEAR REACTIONS ^{54}Fe(p, X)^{53}Co / ^{53m}Co / ^{56}Ni / ^{57}Cu / ^{58}Cu, E=40, 50 MeV; ^{54}Fe(^{3}He, X)^{55}Ni / ^{56}Ni / ^{59}Zn / ^{60}Zn, E=25 MeV; Ca(^{20}Ne, X)^{56}Co / ^{57}Ni, E=75, 105 MeV; measured masses of product nuclides. ^{56}Ni(p, γ)^{57}Cu; deduced reaction Q value, proton resonance energies, rescaled proton widths, and reaction rates of astrophysical significance. JOUR PRVCA 82 034311

A=58 *(continued)*

^{58}Zn	2010KA26	ATOMIC MASSES ^{56,57}Fe, ^{53,53m,56}Co, ^{55,56,57}Ni, ^{57,58}Cu, ^{59,60}Zn; measured cyclotron resonance frequencies and ratios by JYFLTRAP Penning trap spectrometer; deduced mass excesses. ^{56,57}Fe, ^{53,53m,55,56}Co, ^{55,56,57,58}Ni, ^{57,58,59}Cu, ^{53,56,57}Fe, ^{59,60}Zn; measured frequency ratio pairs. Comparison with previous mass measurements. ^{53,54}Co, ^{55,56}Ni, ^{57,58}Cu, ^{59,60}Zn; deduced Coulomb displacement energies for the T=1 / 2 doublets and T=1 triplets. ^{53}Co, ^{54,55,56}Ni, ^{56,57,58}Cu, ^{58,59,60}Zn, ^{60,61}Ga; deduced S(p) values. Comparison of all the deduced values with AME-2003. JOUR PRVCA 82 034311

A=59

^{59}V	2010CR02	NUCLEAR REACTIONS Be(^{76}Ge, X)^{52}Ca / ^{53}Ca / ^{54}Ca / ^{53}Sc / ^{54}Sc / ^{55}Sc / ^{56}Sc / ^{55}Ti / ^{56}Ti / ^{57}Ti / ^{58}Ti / ^{57}V / ^{58}V / ^{59}V / ^{60}V / , E=130 MeV / nucleon; measured yields. JOUR PRVCA 82 014311
^{59}Mn	2009STZZ	NUCLEAR REACTIONS ^{13,14}C(^{48}Ca, xnp)^{57}Mn / ^{58}Mn / ^{59}Mn / ^{60}Mn, E=130 MeV;measured Eγ, Iγ, $\gamma\gamma$-, (fragment)γ-coin, $\gamma(\theta)$, $\gamma\gamma(\theta)$(DCO) using Gammasphere array and Fragment Mass Analyzer. ^{57,58,59,60}Mn; deduced levels, J, π, and Comparisons with shell-model calculations using PREPRINT Steppenbeck,12/22/2009
	2010ST01	NUCLEAR REACTIONS ^{13,14}C(^{48}Ca, X), E=130 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin using the Gammasphere array, $\gamma(\theta)$, DCO ratios. ^{57,58,59,60}Mn; deduced levels, J, π, multipolarities. Comparison with shell-model calculations using the GXPF1A effective interaction. JOUR PRVCA 81 014305
^{59}Fe	2008SEZT	NUCLEAR REACTIONS ^{50}Cr(n, x)^{48}V, ^{58}Ni(n, pα), ^{58}Ni(n, x)^{56}Co, ^{63}Cu(n, pα), ^{181}Ta(n, α), ^{181}Ta(n, p), ^{181}Ta(n, x)^{180}Hf, ^{181}Ta(n, 2n), ^{182,183,184,185}W(n, p), ^{183}W(n, x)^{182}Ta, ^{184}W(n, x)^{183}Ta, ^{186}W(n, x)^{185}Ta, ^{186}W(n, 2n), ^{184,186}W(n, α), E=13.8-20.5 MeV; measured Eγ, Iγ; deduced σ. Compared to published data, TALYS and EMPIRE calculations, EAF-2003, EAF-2005, EAF-2007, ADL-3T, JEFF-3.1, JENDL-3.3, JENDL-ACT, ENDF / B-VII. CONF Nice (Nucl Data for Sci and Technol) Proc,P559
	2010UD01	NUCLEAR REACTIONS ^{54}Fe, ^{59}Co, ^{92}Mo(n, p), E>1.5 MeV; measured Eγ, Iγ; deduced σ. JOUR ARISE 68 1656
^{59}Co	2010SO16	NUCLEAR REACTIONS ^{59}Co(^{6}Li, dα), E=29.6 MeV; measured Eα, I$\alpha(\theta)$, Ed, Id(θ), dα-coin; deduced $\sigma(\theta)$, direct breakup $T_{1/2}$; calculated $T_{1/2}$. Discussed breakup reaction mechanism features. JOUR NUPAB 834 420c
^{59}Cu	2009COZX	NUCLEAR MOMENTS ^{57,58,59,63,65}Cu; measured hyperfine structure using in-gas-cell laser spectroscopy technique at LISOL facility; deduced magnetic moments, hyperfine parameters and shell-model calculations using GXPF1 interaction. PREPRINT Cocolios,12/17/2009
	2010CO01	NUCLEAR REACTIONS Ni(p, xn)^{57}Cu / ^{58}Cu / ^{59}Cu, E=30 MeV; Ni(^{3}He, pn)^{59}Cu, E=25 MeV; measured hyperfine spectra of ^{57,58,59,63,65}Cu using in-gas-cell laser spectroscopy at LISOL facility. JOUR PRVCA 81 014314

A=59 *(continued)*

	2010CO01	NUCLEAR MOMENTS ^{57,58,59,63,65}Cu; measured hyperfine spectra using in-gas-cell resonant ionization laser spectroscopy; deduced g-factors, isotope shifts, magnetic dipole moments, and configuration. Comparison with shell-model calculations using GXPF1 interaction. JOUR PRVCA 81 014314
	2010KA26	ATOMIC MASSES ^{56,57}Fe, ^{53,53m,56}Co, ^{55,56,57}Ni, ^{57,58}Cu, ^{59,60}Zn; measured cyclotron resonance frequencies and ratios by JYFLTRAP Penning trap spectrometer; deduced mass excesses. ^{56,57}Fe, ^{53,53m,55,56}Co, ^{55,56,57,58}Ni, ^{57,58,59}Cu, ^{53,56,57}Fe, ^{59,60}Zn; measured frequency ratio pairs. Comparison with previous mass measurements. ^{53,54}Co, ^{55,56}Ni, ^{57,58}Cu, ^{59,60}Zn; deduced Coulomb displacement energies for the T=1 / 2 doublets and T=1 triplets. ^{53}Co, ^{54,55,56}Ni, ^{56,57,58}Cu, ^{58,59,60}Zn, ^{60,61}Ga; deduced S(p) values. Comparison of all the deduced values with AME-2003. JOUR PRVCA 82 034311
	2010KA26	RADIOACTIVITY ^{53}Co(EC), ^{53m}Co(EC), (p); deduced Q values and revised level schemes. ^{53}Co; deduced energy of the high-spin isomer. ^{53}Co, ^{55,56}Ni, ^{57,58}Cu, ^{59,60}Zn(EC); deduced Q values from measured masses, electron capture probabilities, Logft values, and Gamow-Teller matrix elements. JOUR PRVCA 82 034311
^{59}Zn	2010KA26	ATOMIC MASSES ^{56,57}Fe, ^{53,53m,56}Co, ^{55,56,57}Ni, ^{57,58}Cu, ^{59,60}Zn; measured cyclotron resonance frequencies and ratios by JYFLTRAP Penning trap spectrometer; deduced mass excesses. ^{56,57}Fe, ^{53,53m,55,56}Co, ^{55,56,57,58}Ni, ^{57,58,59}Cu, ^{53,56,57}Fe, ^{59,60}Zn; measured frequency ratio pairs. Comparison with previous mass measurements. ^{53,54}Co, ^{55,56}Ni, ^{57,58}Cu, ^{59,60}Zn; deduced Coulomb displacement energies for the T=1 / 2 doublets and T=1 triplets. ^{53}Co, ^{54,55,56}Ni, ^{56,57,58}Cu, ^{58,59,60}Zn, ^{60,61}Ga; deduced S(p) values. Comparison of all the deduced values with AME-2003. JOUR PRVCA 82 034311
	2010KA26	RADIOACTIVITY ^{53}Co(EC), ^{53m}Co(EC), (p); deduced Q values and revised level schemes. ^{53}Co; deduced energy of the high-spin isomer. ^{53}Co, ^{55,56}Ni, ^{57,58}Cu, ^{59,60}Zn(EC); deduced Q values from measured masses, electron capture probabilities, Logft values, and Gamow-Teller matrix elements. JOUR PRVCA 82 034311
	2010KA26	NUCLEAR REACTIONS ^{54}Fe(p, X)^{53}Co / ^{53m}Co / ^{56}Ni / ^{57}Cu / ^{58}Cu, E=40, 50 MeV; ^{54}Fe(^{3}He, X)^{55}Ni / ^{56}Ni / ^{59}Zn / ^{60}Zn, E=25 MeV; Ca(^{20}Ne, X)^{56}Co / ^{57}Ni, E=75, 105 MeV; measured masses of product nuclides. ^{56}Ni(p, γ)^{57}Cu; deduced reaction Q value, proton resonance energies, rescaled proton widths, and reaction rates of astrophysical significance. JOUR PRVCA 82 034311

A=60

^{60}V	2010CR02	NUCLEAR REACTIONS Be(^{76}Ge, X)^{52}Ca / ^{53}Ca / ^{54}Ca / ^{53}Sc / ^{54}Sc / ^{55}Sc / ^{56}Sc / ^{55}Ti / ^{56}Ti / ^{57}Ti / ^{58}Ti / ^{57}V / ^{58}V / ^{59}V / ^{60}V / , E=130 MeV / nucleon; measured yields. JOUR PRVCA 82 014311

A=60 *(continued)*

	2010DA06	NUCLEAR REACTIONS Ni(^{86}Kr, X), E=60.5 MeV / nucleon; measured Eγ, Iγ, (fragment)γ-coin, and γ(t). Identification of A and Z by energy-loss, total-kinetic-energy, and time-of-flight measurements. ^{50}K, ^{60}V, ^{62,64}Mn, ^{65,67}Fe, ^{68,70}Co, ^{75}Cu, ^{78}Zn, ^{78}Ga; deduced isomers, half-lives, J, π, multipolarities. ^{69,71,73}Cu; deduced B(M1), B(E2) values. ^{75}Cu; deduced levels, J, π, and transition rates for proposed level-scheme scenarios and comparisons with shell-model calculations. ^{69,71,73,75,77,79}Cu; shell model calculations of 1 / 2-, 3 / 2- and 5 / 2- states. JOUR PRVCA 81 034304
^{60}Cr	2010GA06	NUCLEAR REACTIONS ^{9}Be(^{62}Fe, ^{62}Fe'), E=73.0 MeV / nucleon [^{62}Fe secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon], ^{9}Be(^{64}Fe, ^{64}Fe'), E=67.5 MeV / nucleon [^{64}Fe secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon], ^{9}Be(^{66}Fe, ^{66}Fe'), E=82.6 MeV / nucleon [^{66}Fe secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon], ^{9}Be(^{60}Cr, ^{60}Cr'), E=80.6 MeV / nucleon [^{60}Cr secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon], ^{9}Be(^{62}Cr, ^{62}Cr'), E=74.6 MeV / nucleon [^{62}Cr secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon], ^{9}Be(^{64}Cr, ^{64}Cr'), E=87.0 MeV / nucleon [^{64}Cr secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon]; measured Eγ, Iγ, (particle)γ-coin, σ. ^{62,64,66}Fe, ^{60,62,64}Cr; deduced levels, J, π. Comparison with large-scale shell-model calculations in different model spaces. ^{9}Be(^{76}Ge, X)^{62}Fe / ^{64}Fe / ^{66}Fe / ^{60}Cr / ^{62}Cr / ^{64}Cr / ^{65}Mn / ^{66}Mn / ^{67}Fe / ^{69}Co, E=130 MeV / nucleon; measured yields of secondary ion beams. JOUR PRVCA 81 051304
^{60}Mn	2008FOZS	NUCLEAR REACTIONS ^{9}Be(^{238}U, X), E=80 MeV / nucleon; measured thick target E(particle), I(particle), A(particle), Z(particle), Eγ, Iγ, (particle)γ-coin. ^{60}Mn, ^{78}Ga, ^{82}Ga, ^{92}Br, ^{95}Rb, ^{98}Rb, ^{92}Y, ^{101}Y, ^{112}Tc deduced isomeric transition, $T_{1/2}$, isomer ratio. Results on CD only. CONF E.Lansing (NS2008),P104,Folden
	2009STZZ	NUCLEAR REACTIONS ^{13,14}C(^{48}Ca, xnp)^{57}Mn / ^{58}Mn / ^{59}Mn / ^{60}Mn, E=130 MeV;measured Eγ, Iγ, $\gamma\gamma$-, (fragment)γ-coin, $\gamma(\theta)$, $\gamma\gamma(\theta)$(DCO) using Gammasphere array and Fragment Mass Analyzer. ^{57,58,59,60}Mn; deduced levels, J, π, and Comparisons with shell-model calculations using PREPRINT Steppenbeck,12/22/2009
	2010HO13	RADIOACTIVITY ^{60,62}Mn(β^-)[from ^{238}U(^{64}Ni, X), E=430 MEV]; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$ using Gammasphere array. ^{60,62}Fe; deduced levels, J, π, multipolarity. JOUR PRVCA 82 044305
	2010ST01	NUCLEAR REACTIONS ^{13,14}C(^{48}Ca, X), E=130 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin using the Gammasphere array, $\gamma(\theta)$, DCO ratios. ^{57,58,59,60}Mn; deduced levels, J, π, multipolarities. Comparison with shell-model calculations using the GXPF1A effective interaction. JOUR PRVCA 81 014305
^{60}Fe	2010HO13	NUCLEAR REACTIONS ^{238}U(^{64}Ni, X), E=430 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$, prompt and delayed γ spectra using Gammasphere array. ^{60,62}Fe; deduced levels, J, π, multipolarity, yrast levels. Comparison with shell model calculations. Level systematics of ^{54,56,58,60,62,64}Fe nuclei. JOUR PRVCA 82 044305

A=60 ***(continued)***

	2010HO13	RADIOACTIVITY ^{60,62}Mn(β^-)[from ^{238}U(^{64}Ni, X), E=430 MEV]; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$ using Gammasphere array. ^{60,62}Fe; deduced levels, J, π, multipolarity. JOUR PRVCA 82 044305
^{60}Co	2008ZAZY	RADIOACTIVITY ^{60}Co(β^-), ^{152}Eu(β^-), ^{193}Os(β^-); measured Eγ, Iγ, $\theta(\gamma)$, $\gamma\gamma$-coin.; deduced mixing ratio, angular correlations. CONF Nice (Nucl Data for Sci and Technol) Proc,P455
	2010BA16	NUCLEAR REACTIONS ^{76}Ge, ^{74}Ge, Ge(p, X)^{67}Ge / ^{68}Ge / ^{69}Ge / ^{71}As / ^{74}As / ^{65}Zn / ^{60}Co, E=100 MeV; measured Eγ, Iγ; deduced σ. JOUR PANUE 73 1106
	2010EL04	NUCLEAR REACTIONS ^{60}Ni, ^{95}Mo(n, p), ^{92}Mo(n, α), ^{90}Zr(n, 2n), ^{54}Fe, ^{58}Ni, ^{92}Mo(n, p) E=fission spectrum; measured Eγ, Iγ; deduced σ; deduced lower values for experimental uncertainties vs. calculated. JOUR ARISE 68 2007
	2010KR02	NUCLEAR REACTIONS ^{27}Al, ^{197}Au, ^{59}Co, In, ^{181}Ta(n, γ), (n, α), (n, xn), E=1 GeV; ^{191,192,193,194,196,198}Au, ^{24}Na; measured Eα, Iα, Eγ, Iγ; deduced yields, σ. JOUR NIMAE 615 70
	2010LE01	RADIOACTIVITY ^{238}Np, ^{60}Co(β^-), ^{237}Np, ^{238}Pu(α); measured Eγ, Iγ, Eα, Iα; deduced γ-ray emission probabilities from β^--decay of ^{238}Np. JOUR ARISE 68 432
	2010LE01	NUCLEAR REACTIONS ^{237}Np, ^{59}Co(n, γ), E not given; measured Eγ, Iγ; deduced σ. JOUR ARISE 68 432
^{60}Ni	2008ZAZY	RADIOACTIVITY ^{60}Co(β^-), ^{152}Eu(β^-), ^{193}Os(β^-); measured Eγ, Iγ, $\theta(\gamma)$, $\gamma\gamma$-coin.; deduced mixing ratio, angular correlations. CONF Nice (Nucl Data for Sci and Technol) Proc,P455
	2010LE01	RADIOACTIVITY ^{238}Np, ^{60}Co(β^-), ^{237}Np, ^{238}Pu(α); measured Eγ, Iγ, Eα, Iα; deduced γ-ray emission probabilities from β^--decay of ^{238}Np. JOUR ARISE 68 432
	2010VO01	NUCLEAR REACTIONS ^{59}Co(p, 2γ), E=1.85 MeV; measured Eγ; analyzed two-step γ cascades populating 2+ state; deduced E1 and M1 γ-strength functions. Comparison with other studies. JOUR PRVCA 81 024319
^{60}Cu	2010AL19	NUCLEAR REACTIONS ^{55}Mn(^{20}Ne, X)^{70}Se / ^{70}As / ^{71}As / ^{72}As / ^{66}Ge / ^{67}Ge / ^{69}Ge / ^{65}Ga / ^{66}Ga / ^{67}Ga / ^{63}Zn / ^{60}Cu / ^{61}Cu, E=51-164 MeV; measured reaction products recoils, Eγ, Iγ; deduced σ, angular momentum.Comparison with statistical code PACE-2. JOUR JPGPE 37 115101
	2010KA26	RADIOACTIVITY ^{53}Co(EC), ^{53m}Co(EC), (p); deduced Q values and revised level schemes. ^{53}Co; deduced energy of the high-spin isomer. ^{53}Co, ^{55,56}Ni, ^{57,58}Cu, ^{59,60}Zn(EC); deduced Q values from measured masses, electron capture probabilities, Logft values, and Gamow-Teller matrix elements. JOUR PRVCA 82 034311

A=60 *(continued)*

^{60}Zn	2010KA26	ATOMIC MASSES ^{56,57}Fe, ^{53,53m,56}Co, ^{55,56,57}Ni, ^{57,58}Cu, ^{59,60}Zn; measured cyclotron resonance frequencies and ratios by JYFLTRAP Penning trap spectrometer; deduced mass excesses. ^{56,57}Fe, ^{53,53m,55,56}Co, ^{55,56,57,58}Ni, ^{57,58,59}Cu, ^{53,56,57}Fe, ^{59,60}Zn; measured frequency ratio pairs. Comparison with previous mass measurements. ^{53,54}Co, ^{55,56}Ni, ^{57,58}Cu, ^{59,60}Zn; deduced Coulomb displacement energies for the T=1 / 2 doublets and T=1 triplets. ^{53}Co, ^{54,55,56}Ni, ^{56,57,58}Cu, ^{58,59,60}Zn, ^{60,61}Ga; deduced S(p) values. Comparison of all the deduced values with AME-2003. JOUR PRVCA 82 034311
	2010KA26	RADIOACTIVITY ^{53}Co(EC), ^{53m}Co(EC), (p); deduced Q values and revised level schemes. ^{53}Co; deduced energy of the high-spin isomer. ^{53}Co, ^{55,56}Ni, ^{57,58}Cu, ^{59,60}Zn(EC); deduced Q values from measured masses, electron capture probabilities, Logft values, and Gamow-Teller matrix elements. JOUR PRVCA 82 034311
	2010KA26	NUCLEAR REACTIONS ^{54}Fe(p, X)^{53}Co / ^{53m}Co / ^{56}Ni / ^{57}Cu / ^{58}Cu, E=40, 50 MeV; ^{54}Fe(^{3}He, X)^{55}Ni / ^{56}Ni / ^{59}Zn / ^{60}Zn, E=25 MeV; Ca(^{20}Ne, X)^{56}Co / ^{57}Ni, E=75, 105 MeV; measured masses of product nuclides. ^{56}Ni(p, γ)^{57}Cu; deduced reaction Q value, proton resonance energies, rescaled proton widths, and reaction rates of astrophysical significance. JOUR PRVCA 82 034311
^{60}Ga	2010KA26	ATOMIC MASSES ^{56,57}Fe, ^{53,53m,56}Co, ^{55,56,57}Ni, ^{57,58}Cu, ^{59,60}Zn; measured cyclotron resonance frequencies and ratios by JYFLTRAP Penning trap spectrometer; deduced mass excesses. ^{56,57}Fe, ^{53,53m,55,56}Co, ^{55,56,57,58}Ni, ^{57,58,59}Cu, ^{53,56,57}Fe, ^{59,60}Zn; measured frequency ratio pairs. Comparison with previous mass measurements. ^{53,54}Co, ^{55,56}Ni, ^{57,58}Cu, ^{59,60}Zn; deduced Coulomb displacement energies for the T=1 / 2 doublets and T=1 triplets. ^{53}Co, ^{54,55,56}Ni, ^{56,57,58}Cu, ^{58,59,60}Zn, ^{60,61}Ga; deduced S(p) values. Comparison of all the deduced values with AME-2003. JOUR PRVCA 82 034311

A=61

^{61}Mn	2009VA16	NUCLEAR REACTIONS ^{109}Ag(^{61}Mn, ^{61}Mn'), (^{61}Fe, ^{61}Fe'), E=2.87 MeV / nucleon; measured Eγ, Iγ following Coulomb excitation at the REX-ISOLDE facility and in-trap decay. ^{61}Mn, ^{61}Fe; deduced levels $T_{1/2}$, B(E2), B(M1). Comparison with large-scale shell model calculations. JOUR ZAANE 42 401
^{61}Fe	2009DOZZ	NUCLEAR REACTIONS ^{60}Fe(n, γ), E≈25 keV; ^{62}Ni(n, γ), E≈25 keV; ^{64}Ni(n, γ), E≈52 keV; measured Eγ, Iγ, $\gamma\gamma$-coin.; deduced σ, Γ_n / Γ_γ versus resonance energy. Compared ENDF / B-VII.0, JEFF 3.1, JENDL 3.3, BROND 2.2. CONF Cologne (Capture Gamma-Ray Spectroscopy) Proc,P230,Domingo-Pardo
	2009VA16	NUCLEAR REACTIONS ^{109}Ag(^{61}Mn, ^{61}Mn'), (^{61}Fe, ^{61}Fe'), E=2.87 MeV / nucleon; measured Eγ, Iγ following Coulomb excitation at the REX-ISOLDE facility and in-trap decay. ^{61}Mn, ^{61}Fe; deduced levels $T_{1/2}$, B(E2), B(M1). Comparison with large-scale shell model calculations. JOUR ZAANE 42 401

A=61 *(continued)*

	2010FE01	ATOMIC MASSES ^{63,64,65,65m,66}Fe, ^{64,65,66,67,67m}Co; measured cyclotron resonance frequencies and mass excesses using LEBIT Penning-trap mass spectrometer. Comparison with AME-2003 evaluation. ^{61,63,65,67}Fe; systematics of low-lying levels. Z=24-31, N=35-44; systematics of two-neutron separation energies. JOUR PRVCA 81 044318
^{61}Cu	2008MEZV	NUCLEAR REACTIONS ^{209}Bi(α, x), E=28.8, 32.8 MeV; measured Eγ, Iγ, Eα, Iα; ^{186}W(p, n), E=7-15 MeV; deduced σ; calculated σ; Zn(d, x)^{61}Cu, E≈3-19 MeV; Zn(d, x)^{64}Cu, E≈3-19 MeV; Zn(d, x)^{66}Ga, E≈3-19 MeV; Zn(d, x)^{67}Ga, E≈3-19 MeV; Zn(d, x)^{65}Zn, E≈3-19 MeV; Zn(d, x)^{69}Zn, E≈3-19 MeV; measured Eγ, Iγ; deduced thin taeget yields; ^{103}Rh(d, 2n), E≈3-20 MeV; ^{232}Th(p, 3n), E≈13-31 MeV; calculated σ. Calculations using EMPIRE II; compared to available data. CONF Nice (Nucl Data for Sci and Technol) Proc,P1403
	2010AL19	NUCLEAR REACTIONS ^{55}Mn(^{20}Ne, X)^{70}Se / ^{70}As / ^{71}As / ^{72}As / ^{66}Ge / ^{67}Ge / ^{69}Ge / ^{65}Ga / ^{66}Ga / ^{67}Ga / ^{63}Zn / ^{60}Cu / ^{61}Cu, E=51-164 MeV; measured reaction products recoils, Eγ, Iγ; deduced σ, angular momentum.Comparison with statistical code PACE-2. JOUR JPGPE 37 115101
^{61}Ga	2010KA26	ATOMIC MASSES ^{56,57}Fe, ^{53,53m,56}Co, ^{55,56,57}Ni, ^{57,58}Cu, ^{59,60}Zn; measured cyclotron resonance frequencies and ratios by JYFLTRAP Penning trap spectrometer; deduced mass excesses. ^{56,57}Fe, ^{53,53m,55,56}Co, ^{55,56,57,58}Ni, ^{57,58,59}Cu, ^{53,56,57}Fe, ^{59,60}Zn; measured frequency ratio pairs. Comparison with previous mass measurements. ^{53,54}Co, ^{55,56}Ni, ^{57,58}Cu, ^{59,60}Zn; deduced Coulomb displacement energies for the T=1 / 2 doublets and T=1 triplets. ^{53}Co, ^{54,55,56}Ni, ^{56,57,58}Cu, ^{58,59,60}Zn, ^{60,61}Ga; deduced S(p) values. Comparison of all the deduced values with AME-2003. JOUR PRVCA 82 034311

A=62

^{62}Cr	2010GA06	NUCLEAR REACTIONS ^{9}Be(^{62}Fe, ^{62}Fe'), E=73.0 MeV / nucleon [^{62}Fe secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon], ^{9}Be(^{64}Fe, ^{64}Fe'), E=67.5 MeV / nucleon [^{64}Fe secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon], ^{9}Be(^{66}Fe, ^{66}Fe'), E=82.6 MeV / nucleon [^{66}Fe secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon], ^{9}Be(^{60}Cr, ^{60}Cr'), E=80.6 MeV / nucleon [^{60}Cr secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon], ^{9}Be(^{62}Cr, ^{62}Cr'), E=74.6 MeV / nucleon [^{62}Cr secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon], ^{9}Be(^{64}Cr, ^{64}Cr'), E=87.0 MeV / nucleon [^{64}Cr secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon]; measured Eγ, Iγ, (particle)γ-coin, σ. ^{62,64,66}Fe, ^{60,62,64}Cr; deduced levels, J, π. Comparison with large-scale shell-model calculations in different model spaces. ^{9}Be(^{76}Ge, X)^{62}Fe / ^{64}Fe / ^{66}Fe / ^{60}Cr / ^{62}Cr / ^{64}Cr / ^{65}Mn / ^{66}Mn / ^{67}Fe / ^{69}Co, E=130 MeV / nucleon; measured yields of secondary ion beams. JOUR PRVCA 81 051304

A=62 *(continued)*

^{62}Mn	2010DA06	NUCLEAR REACTIONS Ni(^{86}Kr, X), E=60.5 MeV / nucleon; measured Eγ, Iγ, (fragment)γ-coin, and γ(t). Identification of A and Z by energy-loss, total-kinetic-energy, and time-of-flight measurements. ^{50}K, ^{60}V, ^{62,64}Mn, ^{65,67}Fe, ^{68,70}Co, ^{75}Cu, ^{78}Zn, ^{78}Ga; deduced isomers, half-lives, J, π, multipolarities. ^{69,71,73}Cu; deduced B(M1), B(E2) values. ^{75}Cu; deduced levels, J, π, and transition rates for proposed level-scheme scenarios and comparisons with shell-model calculations. ^{69,71,73,75,77,79}Cu; shell model calculations of 1 / 2-, 3 / 2- and 5 / 2- states. JOUR PRVCA 81 034304
	2010HO13	RADIOACTIVITY ^{60,62}Mn(β^-)[from ^{238}U(^{64}Ni, X), E=430 MEV]; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$ using Gammasphere array. ^{60,62}Fe; deduced levels, J, π, multipolarity. JOUR PRVCA 82 044305
^{62}Fe	2010GA06	NUCLEAR REACTIONS ^{9}Be(^{62}Fe, ^{62}Fe'), E=73.0 MeV / nucleon [^{62}Fe secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon], ^{9}Be(^{64}Fe, ^{64}Fe'), E=67.5 MeV / nucleon [^{64}Fe secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon], ^{9}Be(^{66}Fe, ^{66}Fe'), E=82.6 MeV / nucleon [^{66}Fe secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon], ^{9}Be(^{60}Cr, ^{60}Cr'), E=80.6 MeV / nucleon [^{60}Cr secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon], ^{9}Be(^{62}Cr, ^{62}Cr'), E=74.6 MeV / nucleon [^{62}Cr secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon], ^{9}Be(^{64}Cr, ^{64}Cr'), E=87.0 MeV / nucleon [^{64}Cr secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon]; measured Eγ, Iγ, (particle)γ-coin, σ. ^{62,64,66}Fe, ^{60,62,64}Cr; deduced levels, J, π. Comparison with large-scale shell-model calculations in different model spaces. ^{9}Be(^{76}Ge, X)^{62}Fe / ^{64}Fe / ^{66}Fe / ^{60}Cr / ^{62}Cr / ^{64}Cr / ^{65}Mn / ^{66}Mn / ^{67}Fe / ^{69}Co, E=130 MeV / nucleon; measured yields of secondary ion beams. JOUR PRVCA 81 051304
	2010HO13	NUCLEAR REACTIONS ^{238}U(^{64}Ni, X), E=430 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$, prompt and delayed γ spectra using Gammasphere array. ^{60,62}Fe; deduced levels, J, π, multipolarity, yrast levels. Comparison with shell model calculations. Level systematics of ^{54,56,58,60,62,64}Fe nuclei. JOUR PRVCA 82 044305
	2010HO13	RADIOACTIVITY ^{60,62}Mn(β^-)[from ^{238}U(^{64}Ni, X), E=430 MEV]; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$ using Gammasphere array. ^{60,62}Fe; deduced levels, J, π, multipolarity. JOUR PRVCA 82 044305
	2010LJ01	NUCLEAR REACTIONS ^{64}Ni(^{238}U, X), E=6.5 MeV / nucleon; measured Eγ, Iγ, (recoil)γ-coin, $\gamma(\theta)$, half-lives of first 2+ states by RDDS method using the Exogam array. ^{62,64}Fe; deduced B(E2). Z=24-30, N=32-42; systematics of energies and B(E2) of first 2+ states in even-even nuclei. Comparison with large-scale shell-model and Hartree-Fock-Bogolyubov based configuration-mixing calculations using the Gogny D1S interaction. New Island of inversion. JOUR PRVCA 81 061301
^{62}Zn	2008FIZX	RADIOACTIVITY ^{62}Ga(β^+); measured Eβ, Iβ, Eγ, Iγ, $\beta\gamma$-coin; deduced levels, J, π, δ, ft. Results on CD only. CONF E.Lansing (NS2008),P103,Finlay

A=62 *(continued)*

	2008GRZO	RADIOACTIVITY ^{62}Ga(β^+); measured Eβ, Iβ(t), $\beta\gamma$-coin; deduced $T_{1/2}$. Results on CD only. CONF E.Lansing (NS2008),P109,Grinyer
	2009ALZV	NUCLEAR REACTIONS ^{61}Ni(^{3}He, 2nγ), E=14 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin.; deduced ^{62}Zn level scheme, M1 and E2 transition strengths; calculated E, J, π using IBM-2 within U(5). HORUS-cube spectrometer, mixed-symmetry states. CONF Cologne (Capture Gamma-Ray Spectroscopy) Proc,P399,Albers
	2009GE14	NUCLEAR REACTIONS ^{28}Si(^{36}Ar, 2p), E=140 MeV; ^{40}Ca(^{28}Si, 2pα), E=122 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, DCO using Gammasphere array. ^{62}Zn; deduced levels, J, π, moment of inertia, configurations. Comparison with cranked Nilsson-Strutinsky calculations. JOUR PRVCA 80 051304
	2010LE13	NUCLEAR REACTIONS Mo(p, X)^{93}Tc / ^{94}Tc / ^{95}Tc / ^{96}Tc / ^{99}Tc / ^{90}Mo / ^{93}Mo / ^{99}Mo / ^{90}Nb / ^{92}Nb / ^{95}Nb / ^{96}Nb / ^{89}Zr / ^{62}Zn / ^{63}Zn / ^{65}Zn, E=8.4-37.1 MeV; measured reaction products, Eγ, Iγ; deduced yields, σ. JOUR ARISE 68 2355
	2010MO14	NUCLEAR REACTIONS ^{12}C(^{68}Zn, ^{68}Zn'), E=180 MeV; measured Eγ, Iγ, (particle)$\gamma(\theta$, H), precession angles in transient fields. ^{68}Zn; deduced g factors. Coulomb excitation. ^{62,64,66,70}Zn; reanalyzed g factors. Comparison with large-scale shell-model calculations. JOUR PRVCA 82 014301
	2010MO14	NUCLEAR MOMENTS ^{68}Zn; measured g factors by (particle)$\gamma(\theta$, H) in transient fields. ^{62,64,66,70}Zn; reanalyzed g factors. Comparison with large-scale shell-model calculations. JOUR PRVCA 82 014301
	2010SZ03	NUCLEAR REACTIONS ^{192}Os(p, n), (p, 3n), (p, 4n), (p, 5n), (p, 6n), Cu(p, n)^{65}Zn, Al(p, X)^{24}Na, Cu(p, X)^{62}Zn E < 66 MeV; measured reaction products, Eγ, Iγ; deduced σ, integral yields. Comparison with model code ALICE / ASH. JOUR NIMBE 268 3306
^{62}Ga	2008FIZX	RADIOACTIVITY ^{62}Ga(β^+); measured Eβ, Iβ, Eγ, Iγ, $\beta\gamma$-coin; deduced levels, J, π, δ, ft. Results on CD only. CONF E.Lansing (NS2008),P103,Finlay
	2008GRZO	RADIOACTIVITY ^{62}Ga(β^+); measured Eβ, Iβ(t), $\beta\gamma$-coin; deduced $T_{1/2}$. Results on CD only. CONF E.Lansing (NS2008),P109,Grinyer
	2008SVZX	RADIOACTIVITY ^{62}Ga; measured Iβ, Eγ, Iγ, $\beta\gamma$-coin, $\gamma\gamma$-coin; deduced $T_{1/2}$, log ft, branching ratio; calculated isospin symmetry breaking using shell model; ^{26}Na(β^-); measured Iβ(t), Iγ(t); deduced $T_{1/2}$; ^{18}Ne; measured Eγ, Iγ, Iβ(t), $\beta\gamma$-coin, $\gamma\gamma$-coin; deduced $T_{1/2}$; ^{38}K; measured Iβ(t); deduced isomer decay, $T_{1/2}$, M3 branching ratio, log ft; ^{74}Rb; measured decay products; deduced $T_{1/2}$, branching ratio, log ft. Results on CD only. CONF E.Lansing (NS2008),P19,Svensson
^{62}Ge	2008GOZP	RADIOACTIVITY ^{54}Ni(β^+); measured Eγ, Iγ; deduced ^{54}Ni $T_{1/2}$, GT distribution strength; ^{62}Ge; ^{113}In; ^{190}Ta; measured decay products. Results on CD only. CONF E.Lansing (NS2008),P9,Gorska

A=63

^{63}Mn	2009MAZL	RADIOACTIVITY ^{63}Mn(β^-)[from U(p, f), E=1.4 GeV]; measured Eγ, Iγ, t(γ), $\gamma\gamma$-coin., Eβ, $\beta\gamma$-coin.; deduced ^{63}Fe E, J, π, isomer decay, $T_{1/2}$, B(M1); ^{122}In(β^-)[from ^{238}U(p, f), E=30 MeV]; measured Eγ, Iγ, t(γ), $\gamma\gamma$-coin., Eβ, $\beta\gamma$-coin.; deduced ^{122}Sn E, J, π, $T_{1/2}$, B(E2), ground-state multiplet. CONF Cologne (Capture Gamma-Ray Spectroscopy) Proc,P502,Mach
^{63}Fe	2008KWZZ	NUCLEAR REACTIONS He(^{63}Fe, X), (^{64}Co, X), E=86 MeV / nucleon; measured Iγ(t), Eγ, A / Q, ToF. ^{63,64,65,65m}Fe, ^{64,65,66}Co deduced mass excess. ^{65}Fe deduced levels, J, π, isomer decay, $T_{1/2}$. Results on CD only. Penning trap mass spectrometer. CONF E.Lansing (NS2008),P129,Kwiatkowski
	2009MAZL	RADIOACTIVITY ^{63}Mn(β^-)[from U(p, f), E=1.4 GeV]; measured Eγ, Iγ, t(γ), $\gamma\gamma$-coin., Eβ, $\beta\gamma$-coin.; deduced ^{63}Fe E, J, π, isomer decay, $T_{1/2}$, B(M1); ^{122}In(β^-)[from ^{238}U(p, f), E=30 MeV]; measured Eγ, Iγ, t(γ), $\gamma\gamma$-coin., Eβ, $\beta\gamma$-coin.; deduced ^{122}Sn E, J, π, $T_{1/2}$, B(E2), ground-state multiplet. CONF Cologne (Capture Gamma-Ray Spectroscopy) Proc,P502,Mach
	2010FE01	ATOMIC MASSES ^{63,64,65,65m,66}Fe, ^{64,65,66,67,67m}Co; measured cyclotron resonance frequencies and mass excesses using LEBIT Penning-trap mass spectrometer. Comparison with AME-2003 evaluation. ^{61,63,65,67}Fe; systematics of low-lying levels. Z=24-31, N=35-44; systematics of two-neutron separation energies. JOUR PRVCA 81 044318
^{63}Ni	2009DOZZ	NUCLEAR REACTIONS ^{60}Fe(n, γ), E≈25 keV; ^{62}Ni(n, γ), E≈25 keV; ^{64}Ni(n, γ), E≈52 keV; measured Eγ, Iγ, $\gamma\gamma$-coin.; deduced σ, Γ_n / Γ_γ versus resonance energy. Compared ENDF / B-VII.0, JEFF 3.1, JENDL 3.3, BROND 2.2. CONF Cologne (Capture Gamma-Ray Spectroscopy) Proc,P230,Domingo-Pardo
	2009OSZZ	NUCLEAR REACTIONS ^{62}Ni(n, γ), E=low; measured Eγ, Iγ, $\gamma\gamma$-coin.; deduced level properties: E, decay scheme. CONF Cologne (Capture Gamma-Ray Spectroscopy) Proc,P386,Oshima
	2010QI02	NUCLEAR REACTIONS ^{1,2}H, ^{12}C, ^{27}Al, ^{63}Cu, ^{197}Au(e, e'π^+), E<5.8 GeV; measured yields, differential cross sections as a function of azimuthal angle, and nuclear transparencies versus Q^2. JOUR PRVCA 81 055209
^{63}Cu	2009COZX	NUCLEAR MOMENTS ^{57,58,59,63,65}Cu; measured hyperfine structure using in-gas-cell laser spectroscopy technique at LISOL facility; deduced magnetic moments, hyperfine parameters and shell-model calculations using GXPF1 interaction. PREPRINT Cocolios,12/17/2009
	2010CO01	NUCLEAR MOMENTS ^{57,58,59,63,65}Cu; measured hyperfine spectra using in-gas-cell resonant ionization laser spectroscopy; deduced g-factors, isotope shifts, magnetic dipole moments, and configuration. Comparison with shell-model calculations using GXPF1 interaction. JOUR PRVCA 81 014314
	2010DE09	NUCLEAR REACTIONS ^{63,65}Cu(e, e'), E=120, 150, 225 MeV; measured Ee, Ie; ^{63,65}Cu deduced level energies, multipolarities, B(E1), B(E2), B(E3). JOUR PANUE 73 395

A=63 *(continued)*

^{63}Zn	2008BEZI	NUCLEAR REACTIONS ^{27}Al(d, pα), E≈3-22 MeV; ^{27}Al(d, 2p), E≈3-20 MeV; ^{27}Al(d, p), E≈3-20 MeV; ^{63,65}Cu(d, 2n), E≈3-20 MeV; ^{63}Cu(d, p), E≈3-20 MeV; ^{65}Cu(d, 2p), E≈3-20 MeV; ^{65}Cu(d, 3p), E≈3-20 MeV; measured Eγ, Iγ(t); deduced σ, $T_{1/2}$. Compared to EXFOR data and Pade fit of Takacs. CONF Nice (Nucl Data for Sci and Technol) Proc,P1003
	2008OCZZ	NUCLEAR REACTIONS ^{27}Al(d, x)^{24}Na, ^{51}V(d, 4n), Fe(d, x)^{54}Mn, Fe(d, x)^{56}Co, Ni(d, x)^{57}Co, Cu(d, x)^{63}Zn, Ta(d, x)^{180}Ta, W(d, x)^{182}Re, ^{197}Au(d, x)^{194}Au, E=25, 35, 41, 50 MeV; Cr(d, x)^{48}V, Cr(d, x)^{52}Mn, ^{55}Mn(d, x)^{54}Mn, Ni(d, x)^{56}Co, E=39.5 MeV; measured Eγ, Iγ; deduced σ; calculated σ using TALYS code. Compared to data, ACSELAM data library; also SS316, F82H alloys activities deduced. CONF Nice (Nucl Data for Sci and Technol) Proc,P1011
	2010AL19	NUCLEAR REACTIONS ^{55}Mn(^{20}Ne, X)^{70}Se / ^{70}As / ^{71}As / ^{72}As / ^{66}Ge / ^{67}Ge / ^{69}Ge / ^{65}Ga / ^{66}Ga / ^{67}Ga / ^{63}Zn / ^{60}Cu / ^{61}Cu, E=51-164 MeV; measured reaction products recoils, Eγ, Iγ; deduced σ, angular momentum.Comparison with statistical code PACE-2. JOUR JPGPE 37 115101
	2010LE13	NUCLEAR REACTIONS Mo(p, X)^{93}Tc / ^{94}Tc / ^{95}Tc / ^{96}Tc / ^{99}Tc / ^{90}Mo / ^{93}Mo / ^{99}Mo / ^{90}Nb / ^{92}Nb / ^{95}Nb / ^{96}Nb / ^{89}Zr / ^{62}Zn / ^{63}Zn / ^{65}Zn, E=8.4-37.1 MeV; measured reaction products, Eγ, Iγ; deduced yields, σ. JOUR ARISE 68 2355

A=64

^{64}Cr	2010GA06	NUCLEAR REACTIONS ^{9}Be(^{62}Fe, ^{62}Fe'), E=73.0 MeV / nucleon [^{62}Fe secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon], ^{9}Be(^{64}Fe, ^{64}Fe'), E=67.5 MeV / nucleon [^{64}Fe secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon], ^{9}Be(^{66}Fe, ^{66}Fe'), E=82.6 MeV / nucleon [^{66}Fe secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon], ^{9}Be(^{60}Cr, ^{60}Cr'), E=80.6 MeV / nucleon [^{60}Cr secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon], ^{9}Be(^{62}Cr, ^{62}Cr'), E=74.6 MeV / nucleon [^{62}Cr secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon], ^{9}Be(^{64}Cr, ^{64}Cr'), E=87.0 MeV / nucleon [^{64}Cr secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon]; measured Eγ, Iγ, (particle)γ-coin, σ. ^{62,64,66}Fe, ^{60,62,64}Cr; deduced levels, J, π. Comparison with large-scale shell-model calculations in different model spaces. ^{9}Be(^{76}Ge, X)^{62}Fe / ^{64}Fe / ^{66}Fe / ^{60}Cr / ^{62}Cr / ^{64}Cr / ^{65}Mn / ^{66}Mn / ^{67}Fe / ^{69}Co, E=130 MeV / nucleon; measured yields of secondary ion beams. JOUR PRVCA 81 051304

A=64 *(continued)*

^{64}Mn	2010DA06	NUCLEAR REACTIONS Ni(^{86}Kr, X), E=60.5 MeV / nucleon; measured Eγ, Iγ, (fragment)γ-coin, and γ(t). Identification of A and Z by energy-loss, total-kinetic-energy, and time-of-flight measurements. ^{50}K, ^{60}V, ^{62,64}Mn, ^{65,67}Fe, ^{68,70}Co, ^{75}Cu, ^{78}Zn, ^{78}Ga; deduced isomers, half-lives, J, π, multipolarities. ^{69,71,73}Cu; deduced B(M1), B(E2) values. ^{75}Cu; deduced levels, J, π, and transition rates for proposed level-scheme scenarios and comparisons with shell-model calculations. ^{69,71,73,75,77,79}Cu; shell model calculations of 1 / 2-, 3 / 2- and 5 / 2- states. JOUR PRVCA 81 034304
^{64}Fe	2008KRZV	NUCLEAR REACTIONS ^{9}Be(^{56}Ti, n)^{55}Ti, E=high; measured Eγ, Iγ, $\gamma\gamma$-coin, E(fragment); deduced momentum transfer, ground=state single-particle structure; ^{122,124,126}Cd, ^{138,140,142,144}Xe(γ, γ'); measured Coulomb excitation Eγ, Iγ, (particle)γ-coin; deduced B(E2). Compared to other data and systematics. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P96
	2008KWZZ	NUCLEAR REACTIONS He(^{63}Fe, X), (^{64}Co, X), E=86 MeV / nucleon; measured Iγ(t), Eγ, A / Q, ToF. ^{63,64,65,65m}Fe, ^{64,65,66}Co deduced mass excess. ^{65}Fe deduced levels, J, π, isomer decay, $T_{1/2}$. Results on CD only. Penning trap mass spectrometer. CONF E.Lansing (NS2008),P129,Kwiatkowski
	2010FE01	ATOMIC MASSES ^{63,64,65,65m,66}Fe, ^{64,65,66,67,67m}Co; measured cyclotron resonance frequencies and mass excesses using LEBIT Penning-trap mass spectrometer. Comparison with AME-2003 evaluation. ^{61,63,65,67}Fe; systematics of low-lying levels. Z=24-31, N=35-44; systematics of two-neutron separation energies. JOUR PRVCA 81 044318
	2010GA06	NUCLEAR REACTIONS ^{9}Be(^{62}Fe, ^{62}Fe'), E=73.0 MeV / nucleon [^{62}Fe secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon], ^{9}Be(^{64}Fe, ^{64}Fe'), E=67.5 MeV / nucleon [^{64}Fe secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon], ^{9}Be(^{66}Fe, ^{66}Fe'), E=82.6 MeV / nucleon [^{66}Fe secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon], ^{9}Be(^{60}Cr, ^{60}Cr'), E=80.6 MeV / nucleon [^{60}Cr secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon], ^{9}Be(^{62}Cr, ^{62}Cr'), E=74.6 MeV / nucleon [^{62}Cr secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon], ^{9}Be(^{64}Cr, ^{64}Cr'), E=87.0 MeV / nucleon [^{64}Cr secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon]; measured Eγ, Iγ, (particle)γ-coin, σ. ^{62,64,66}Fe, ^{60,62,64}Cr; deduced levels, J, π. Comparison with large-scale shell-model calculations in different model spaces. ^{9}Be(^{76}Ge, X)^{62}Fe / ^{64}Fe / ^{66}Fe / ^{60}Cr / ^{62}Cr / ^{64}Cr / ^{65}Mn / ^{66}Mn / ^{67}Fe / ^{69}Co, E=130 MeV / nucleon; measured yields of secondary ion beams. JOUR PRVCA 81 051304

A=64 ***(continued)***

	2010LJ01	NUCLEAR REACTIONS ^{64}Ni(^{238}U, X), E=6.5 MeV / nucleon; measured Eγ, Iγ, (recoil)γ-coin, $\gamma(\theta)$, half-lives of first 2+ states by RDDS method using the Exogam array. ^{62,64}Fe; deduced B(E2). Z=24-30, N=32-42; systematics of energies and B(E2) of first 2+ states in even-even nuclei. Comparison with large-scale shell-model and Hartree-Fock-Bogolyubov based configuration-mixing calculations using the Gogny D1S interaction. New Island of inversion. JOUR PRVCA 81 061301
^{64}Co	2008BEZI	NUCLEAR REACTIONS ^{27}Al(d, pα), E≈3-22 MeV; ^{27}Al(d, 2p), E≈3-20 MeV; ^{27}Al(d, p), E≈3-20 MeV; ^{63,65}Cu(d, 2n), E≈3-20 MeV; ^{63}Cu(d, p), E≈3-20 MeV; ^{65}Cu(d, 2p), E≈3-20 MeV; ^{65}Cu(d, 3p), E≈3-20 MeV; measured Eγ, Iγ(t); deduced σ, $T_{1/2}$. Compared to EXFOR data and Pade fit of Takacs. CONF Nice (Nucl Data for Sci and Technol) Proc,P1003
	2008KWZZ	NUCLEAR REACTIONS He(^{63}Fe, X), (^{64}Co, X), E=86 MeV / nucleon; measured Iγ(t), Eγ, A / Q, ToF. ^{63,64,65,65m}Fe, ^{64,65,66}Co deduced mass excess. ^{65}Fe deduced levels, J, π, isomer decay, $T_{1/2}$. Results on CD only. Penning trap mass spectrometer. CONF E.Lansing (NS2008),P129,Kwiatkowski
	2010FE01	ATOMIC MASSES ^{63,64,65,65m,66}Fe, ^{64,65,66,67,67m}Co; measured cyclotron resonance frequencies and mass excesses using LEBIT Penning-trap mass spectrometer. Comparison with AME-2003 evaluation. ^{61,63,65,67}Fe; systematics of low-lying levels. Z=24-31, N=35-44; systematics of two-neutron separation energies. JOUR PRVCA 81 044318
^{64}Ni	2010ZH28	NUCLEAR REACTIONS ^{67}Zn(n, α), E=6.0 MeV; measured Eα, Iα, σ. Comparison with other data and TALYS calculation. JOUR ZAANE 43 1
^{64}Cu	2008BEZI	NUCLEAR REACTIONS ^{27}Al(d, pα), E≈3-22 MeV; ^{27}Al(d, 2p), E≈3-20 MeV; ^{27}Al(d, p), E≈3-20 MeV; ^{63,65}Cu(d, 2n), E≈3-20 MeV; ^{63}Cu(d, p), E≈3-20 MeV; ^{65}Cu(d, 2p), E≈3-20 MeV; ^{65}Cu(d, 3p), E≈3-20 MeV; measured Eγ, Iγ(t); deduced σ, $T_{1/2}$. Compared to EXFOR data and Pade fit of Takacs. CONF Nice (Nucl Data for Sci and Technol) Proc,P1003
	2008HIZO	NUCLEAR REACTIONS ^{64}Zn(t, ^{3}He), E=115 MeV / nucleon; measured $\sigma(\theta$, E). ^{64}Cu deduced GT strength; ^{58}Ni to ^{58}Co electron capture rate. Results on CD only. CONF E.Lansing (NS2008),P113,Hitt
	2008MEZV	NUCLEAR REACTIONS ^{209}Bi(α, x), E=28.8, 32.8 MeV; measured Eγ, Iγ, Eα, Iα; ^{186}W(p, n), E=7-15 MeV; deduced σ; calculated σ; Zn(d, x)^{61}Cu, E≈3-19 MeV; Zn(d, x)^{64}Cu, E≈3-19 MeV; Zn(d, x)^{66}Ga, E≈3-19 MeV; Zn(d, x)^{67}Ga, E≈3-19 MeV; Zn(d, x)^{65}Zn, E≈3-19 MeV; Zn(d, x)^{69}Zn, E≈3-19 MeV; measured Eγ, Iγ; deduced thin taeget yields; ^{103}Rh(d, 2n), E≈3-20 MeV; ^{232}Th(p, 3n), E≈13-31 MeV; calculated σ. Calculations using EMPIRE II; compared to available data. CONF Nice (Nucl Data for Sci and Technol) Proc,P1403

A=64 *(continued)*

	2010GA21	NUCLEAR REACTIONS ^{237}Np(γ, F)^{135}Cs, ^{238}U(γ, F)^{140}La, ^{65}Cu(γ, n)^{64}Cu, E<25 MeV; measured reaction products, Eγ, Iγ; deduced isomer yield ratios. Comparison with calculation. JOUR PANUE 73 1477
^{64}Zn	2009EK01	NUCLEAR REACTIONS ^{109}Ag(^{100}Cd, ^{100}Cd'), E=287.0 MeV; ^{64}Zn, ^{109}Ag(^{102}Cd, ^{102}Cd'), E=292.7 MeV; ^{64}Zn, ^{109}Ag(^{104}Cd, ^{104}Cd'), E=298.7 MeV; measured Eγ, Iγ, γ(particle)-coin, and γ-ray yields using REX-ISOLDE facility. ^{64}Zn, ^{100,102,104}Cd, ^{109}Ag; deduced levels, J, π, E2 matrix elements, electric quadrupole moments. Comparison with shell model calculations. JOUR PRVCA 80 054302
	2009ZA09	NUCLEAR REACTIONS ^{64}Zn(^{6}Li, ^{6}Li), E=12.0, 13.0, 13.8, 15.0, 16.5, 18.0, 20.0, 22.0 MeV; measured ^{6}Li spectra, σ, and $\sigma(\theta)$. Optical model analysis. JOUR PRVCA 80 064610
	2010DI08	NUCLEAR REACTIONS ^{64}Zn(^{9}Be, ^{9}Be), (^{10}Be, ^{10}Be), (^{11}Be, ^{11}Be), E(cm)=24.5 MeV; measured reaction products; deduced elastic scattering, transfer or breakup $\sigma(\theta)$, σ, halo features of ^{11}Be. Optical model calculations. JOUR PRLTA 105 022701
	2010DI10	NUCLEAR REACTIONS ^{64}Zn(^{9}Be, ^{9}Be), (^{10}Be, ^{10}Be), (^{11}Be, ^{11}Be), E(cm)=25.4 MeV; measured halo nuclei $\sigma(\theta)$; calculated $\sigma(\theta)$. ^{64}Zn(^{6}Li, ^{6}Li), E(cm)=10-40 MeV; measured halo nuclei fusion σ; calculated σ. ^{64}Zn(^{7}Li, ^{7}Li), E=cyclotron; ^{64}Zn(^{9}Be, ^{9}Be), E=cyclotron; deduced reaction mechanism features. Optical model with double folding potential. Discussed threshold anomaly, reaction mechanism. JOUR NUPAB 834 408c
	2010MO14	NUCLEAR REACTIONS ^{12}C(^{68}Zn, ^{68}Zn'), E=180 MeV; measured Eγ, Iγ, (particle)$\gamma(\theta$, H), precession angles in transient fields. ^{68}Zn; deduced g factors. Coulomb excitation. ^{62,64,66,70}Zn; reanalyzed g factors. Comparison with large-scale shell-model calculations. JOUR PRVCA 82 014301
	2010MO14	NUCLEAR MOMENTS ^{68}Zn; measured g factors by (particle)$\gamma(\theta$, H) in transient fields. ^{62,64,66,70}Zn; reanalyzed g factors. Comparison with large-scale shell-model calculations. JOUR PRVCA 82 014301
	2010SC12	NUCLEAR REACTIONS ^{64}Zn(^{9}Be, ^{9}Be), (^{10}Be, ^{10}Be), (^{11}Be, ^{11}Be), E=29.4, 29.8 MeV; measured reaction products; deduced elastic scattering σ, $\sigma(\theta)$, halo nuclei. JOUR IMPEE 19 1236
	2010ZU02	RADIOACTIVITY ^{106,114,116}Cd, ^{120,128,130}Te, ^{64}Zn(2β); measured Ee, Ie; deduced $T_{1/2}$. JOUR PPNPD 64 267
^{64}Ga	2008SAZF	RADIOACTIVITY ^{64}Ge, ^{68}Se(EC); measured $T_{1/2}$. Results on CD only. CONF E.Lansing (NS2008),P172,Savory
^{64}Ge	2008SAZF	RADIOACTIVITY ^{64}Ge, ^{68}Se(EC); measured $T_{1/2}$. Results on CD only. CONF E.Lansing (NS2008),P172,Savory

A=65

^{65}Mn	2010GA06	NUCLEAR REACTIONS ^{9}Be(^{62}Fe, ^{62}Fe'), E=73.0 MeV / nucleon [^{62}Fe secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon], ^{9}Be(^{64}Fe, ^{64}Fe'), E=67.5 MeV / nucleon [^{64}Fe secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon], ^{9}Be(^{66}Fe, ^{66}Fe'), E=82.6 MeV / nucleon [^{66}Fe secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon], ^{9}Be(^{60}Cr, ^{60}Cr'), E=80.6 MeV / nucleon [^{60}Cr secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon], ^{9}Be(^{62}Cr, ^{62}Cr'), E=74.6 MeV / nucleon [^{62}Cr secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon], ^{9}Be(^{64}Cr, ^{64}Cr'), E=87.0 MeV / nucleon [^{64}Cr secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon]; measured Eγ, Iγ, (particle)γ-coin, σ. ^{62,64,66}Fe, ^{60,62,64}Cr; deduced levels, J, π. Comparison with large-scale shell-model calculations in different model spaces. ^{9}Be(^{76}Ge, X)^{62}Fe / ^{64}Fe / ^{66}Fe / ^{60}Cr / ^{62}Cr / ^{64}Cr / ^{65}Mn / ^{66}Mn / ^{67}Fe / ^{69}Co, E=130 MeV / nucleon; measured yields of secondary ion beams. JOUR PRVCA 81 051304
^{65}Fe	2008KWZZ	NUCLEAR REACTIONS He(^{63}Fe, X), (^{64}Co, X), E=86 MeV / nucleon; measured Iγ(t), Eγ, A / Q, ToF. ^{63,64,65,65m}Fe, ^{64,65,66}Co deduced mass excess. ^{65}Fe deduced levels, J, π, isomer decay, $T_{1/2}$. Results on CD only. Penning trap mass spectrometer. CONF E.Lansing (NS2008),P129,Kwiatkowski
	2010DA06	NUCLEAR REACTIONS Ni(^{86}Kr, X), E=60.5 MeV / nucleon; measured Eγ, Iγ, (fragment)γ-coin, and γ(t). Identification of A and Z by energy-loss, total-kinetic-energy, and time-of-flight measurements. ^{50}K, ^{60}V, ^{62,64}Mn, ^{65,67}Fe, ^{68,70}Co, ^{75}Cu, ^{78}Zn, ^{78}Ga; deduced isomers, half-lives, J, π, multipolarities. ^{69,71,73}Cu; deduced B(M1), B(E2) values. ^{75}Cu; deduced levels, J, π, and transition rates for proposed level-scheme scenarios and comparisons with shell-model calculations. ^{69,71,73,75,77,79}Cu; shell model calculations of 1 / 2-, 3 / 2- and 5 / 2- states. JOUR PRVCA 81 034304
	2010FE01	ATOMIC MASSES ^{63,64,65,65m,66}Fe, ^{64,65,66,67,67m}Co; measured cyclotron resonance frequencies and mass excesses using LEBIT Penning-trap mass spectrometer. Comparison with AME-2003 evaluation. ^{61,63,65,67}Fe; systematics of low-lying levels. Z=24-31, N=35-44; systematics of two-neutron separation energies. JOUR PRVCA 81 044318
^{65}Co	2008KWZZ	NUCLEAR REACTIONS He(^{63}Fe, X), (^{64}Co, X), E=86 MeV / nucleon; measured Iγ(t), Eγ, A / Q, ToF. ^{63,64,65,65m}Fe, ^{64,65,66}Co deduced mass excess. ^{65}Fe deduced levels, J, π, isomer decay, $T_{1/2}$. Results on CD only. Penning trap mass spectrometer. CONF E.Lansing (NS2008),P129,Kwiatkowski
	2010FE01	ATOMIC MASSES ^{63,64,65,65m,66}Fe, ^{64,65,66,67,67m}Co; measured cyclotron resonance frequencies and mass excesses using LEBIT Penning-trap mass spectrometer. Comparison with AME-2003 evaluation. ^{61,63,65,67}Fe; systematics of low-lying levels. Z=24-31, N=35-44; systematics of two-neutron separation energies. JOUR PRVCA 81 044318

A=65 *(continued)*

^{65}Ni	2008BEZI	NUCLEAR REACTIONS ^{27}Al(d, pα), E≈3-22 MeV; ^{27}Al(d, 2p), E≈3-20 MeV; ^{27}Al(d, p), E≈3-20 MeV; ^{63,65}Cu(d, 2n), E≈3-20 MeV; ^{63}Cu(d, p), E≈3-20 MeV; ^{65}Cu(d, 2p), E≈3-20 MeV; ^{65}Cu(d, 3p), E≈3-20 MeV; measured Eγ, Iγ(t); deduced σ, $T_{1/2}$. Compared to EXFOR data and Pade fit of Takacs. CONF Nice (Nucl Data for Sci and Technol) Proc,P1003
	2009DOZZ	NUCLEAR REACTIONS ^{60}Fe(n, γ), E≈25 keV; ^{62}Ni(n, γ), E≈25 keV; ^{64}Ni(n, γ), E≈52 keV; measured Eγ, Iγ, $\gamma\gamma$-coin.; deduced σ, Γ_n / Γ_γ versus resonance energy. Compared ENDF / B-VII.0, JEFF 3.1, JENDL 3.3, BROND 2.2. CONF Cologne (Capture Gamma-Ray Spectroscopy) Proc,P230,Domingo-Pardo
^{65}Cu	2009COZX	NUCLEAR MOMENTS ^{57,58,59,63,65}Cu; measured hyperfine structure using in-gas-cell laser spectroscopy technique at LISOL facility; deduced magnetic moments, hyperfine parameters and shell-model calculations using GXPF1 interaction. PREPRINT Cocolios,12/17/2009
	2010CO01	NUCLEAR MOMENTS ^{57,58,59,63,65}Cu; measured hyperfine spectra using in-gas-cell resonant ionization laser spectroscopy; deduced g-factors, isotope shifts, magnetic dipole moments, and configuration. Comparison with shell-model calculations using GXPF1 interaction. JOUR PRVCA 81 014314
	2010DE09	NUCLEAR REACTIONS ^{63,65}Cu(e, e'), E=120, 150, 225 MeV; measured Ee, Ie; ^{63,65}Cu deduced level energies, multipolarities, B(E1), B(E2), B(E3). JOUR PANUE 73 395
	2010LE19	NUCLEAR REACTIONS ^{65}Cu(^{8}He, X)^{65}Cu / ^{66}Cu / ^{67}Cu / ^{68}Zn / ^{69}Zn / ^{68}Ga / ^{69}Ga / ^{70}Ga, [^{8}He secondary beam from C(^{13}C, X), E=75 MeV / nucleon primary reaction], E=19.9, 30.6 MeV; measured Eγ, Iγ, neutron spectra, (particle)γ-, (particle)nγ-, $\gamma\gamma$-coin, residue σ for fusion and neutron transfer, $\sigma(\theta)$ for ^{4}He, ^{6}He and ^{8}He using EXOGAM array and neutron wall. Coupled reaction channel calculations. CASCADE code used for statistical model calculation. JOUR PRVCA 82 044617
^{65}Zn	2008BEZI	NUCLEAR REACTIONS ^{27}Al(d, pα), E≈3-22 MeV; ^{27}Al(d, 2p), E≈3-20 MeV; ^{27}Al(d, p), E≈3-20 MeV; ^{63,65}Cu(d, 2n), E≈3-20 MeV; ^{63}Cu(d, p), E≈3-20 MeV; ^{65}Cu(d, 2p), E≈3-20 MeV; ^{65}Cu(d, 3p), E≈3-20 MeV; measured Eγ, Iγ(t); deduced σ, $T_{1/2}$. Compared to EXFOR data and Pade fit of Takacs. CONF Nice (Nucl Data for Sci and Technol) Proc,P1003
	2008MEZV	NUCLEAR REACTIONS ^{209}Bi(α, x), E=28.8, 32.8 MeV; measured Eγ, Iγ, Eα, Iα; ^{186}W(p, n), E=7-15 MeV; deduced σ; calculated σ; Zn(d, x)^{61}Cu, E≈3-19 MeV; Zn(d, x)^{64}Cu, E≈3-19 MeV; Zn(d, x)^{66}Ga, E≈3-19 MeV; Zn(d, x)^{67}Ga, E≈3-19 MeV; Zn(d, x)^{65}Zn, E≈3-19 MeV; Zn(d, x)^{69}Zn, E≈3-19 MeV; measured Eγ, Iγ; deduced thin taeget yields; ^{103}Rh(d, 2n), E≈3-20 MeV; ^{232}Th(p, 3n), E≈13-31 MeV; calculated σ. Calculations using EMPIRE II; compared to available data. CONF Nice (Nucl Data for Sci and Technol) Proc,P1403
	2010BA16	NUCLEAR REACTIONS ^{76}Ge, ^{74}Ge, Ge(p, X)^{67}Ge / ^{68}Ge / ^{69}Ge / ^{71}As / ^{74}As / ^{65}Zn / ^{60}Co, E=100 MeV; measured Eγ, Iγ; deduced σ. JOUR PANUE 73 1106

A=65 *(continued)*

	2010DI02	NUCLEAR REACTIONS ^{197}Au, ^{94}Zr, ^{64}Zn, ^{45}Sc, ^{139}La(n, γ), E=thermal; measured Eγ, Iγ; deduced shape of neutron flux, covariances. JOUR ARISE 68 592
	2010LE13	NUCLEAR REACTIONS Mo(p, X)^{93}Tc / ^{94}Tc / ^{95}Tc / ^{96}Tc / ^{99}Tc / ^{90}Mo / ^{93}Mo / ^{99}Mo / ^{90}Nb / ^{92}Nb / ^{95}Nb / ^{96}Nb / ^{89}Zr / ^{62}Zn / ^{63}Zn / ^{65}Zn, E=8.4-37.1 MeV; measured reaction products, Eγ, Iγ; deduced yields, σ. JOUR ARISE 68 2355
	2010SZ03	NUCLEAR REACTIONS ^{192}Os(p, n), (p, 3n), (p, 4n), (p, 5n), (p, 6n), Cu(p, n)^{65}Zn, Al(p, X)^{24}Na, Cu(p, X)^{62}Zn E < 66 MeV; measured reaction products, Eγ, Iγ; deduced σ, integral yields. Comparison with model code ALICE / ASH. JOUR NIMBE 268 3306
^{65}Ga	2010AL19	NUCLEAR REACTIONS ^{55}Mn(^{20}Ne, X)^{70}Se / ^{70}As / ^{71}As / ^{72}As / ^{66}Ge / ^{67}Ge / ^{69}Ge / ^{65}Ga / ^{66}Ga / ^{67}Ga / ^{63}Zn / ^{60}Cu / ^{61}Cu, E=51-164 MeV; measured reaction products recoils, Eγ, Iγ; deduced σ, angular momentum.Comparison with statistical code PACE-2. JOUR JPGPE 37 115101

A=66

^{66}Mn	2010GA06	NUCLEAR REACTIONS ^{9}Be(^{62}Fe, ^{62}Fe'), E=73.0 MeV / nucleon [^{62}Fe secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon], ^{9}Be(^{64}Fe, ^{64}Fe'), E=67.5 MeV / nucleon [^{64}Fe secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon], ^{9}Be(^{66}Fe, ^{66}Fe'), E=82.6 MeV / nucleon [^{66}Fe secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon], ^{9}Be(^{60}Cr, ^{60}Cr'), E=80.6 MeV / nucleon [^{60}Cr secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon], ^{9}Be(^{62}Cr, ^{62}Cr'), E=74.6 MeV / nucleon [^{62}Cr secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon], ^{9}Be(^{64}Cr, ^{64}Cr'), E=87.0 MeV / nucleon [^{64}Cr secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon]; measured Eγ, Iγ, (particle)γ-coin, σ. ^{62,64,66}Fe, ^{60,62,64}Cr; deduced levels, J, π. Comparison with large-scale shell-model calculations in different model spaces. ^{9}Be(^{76}Ge, X)^{62}Fe / ^{64}Fe / ^{66}Fe / ^{60}Cr / ^{62}Cr / ^{64}Cr / ^{65}Mn / ^{66}Mn / ^{67}Fe / ^{69}Co, E=130 MeV / nucleon; measured yields of secondary ion beams. JOUR PRVCA 81 051304
^{66}Fe	2010FE01	ATOMIC MASSES ^{63,64,65,65m,66}Fe, ^{64,65,66,67,67m}Co; measured cyclotron resonance frequencies and mass excesses using LEBIT Penning-trap mass spectrometer. Comparison with AME-2003 evaluation. ^{61,63,65,67}Fe; systematics of low-lying levels. Z=24-31, N=35-44; systematics of two-neutron separation energies. JOUR PRVCA 81 044318

A=66 *(continued)*

	2010GA06	NUCLEAR REACTIONS ^{9}Be(^{62}Fe, ^{62}Fe'), E=73.0 MeV / nucleon [^{62}Fe secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon], ^{9}Be(^{64}Fe, ^{64}Fe'), E=67.5 MeV / nucleon [^{64}Fe secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon], ^{9}Be(^{66}Fe, ^{66}Fe'), E=82.6 MeV / nucleon [^{66}Fe secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon], ^{9}Be(^{60}Cr, ^{60}Cr'), E=80.6 MeV / nucleon [^{60}Cr secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon], ^{9}Be(^{62}Cr, ^{62}Cr'), E=74.6 MeV / nucleon [^{62}Cr secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon], ^{9}Be(^{64}Cr, ^{64}Cr'), E=87.0 MeV / nucleon [^{64}Cr secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon]; measured Eγ, Iγ, (particle)γ-coin, σ. ^{62,64,66}Fe, ^{60,62,64}Cr; deduced levels, J, π. Comparison with large-scale shell-model calculations in different model spaces. ^{9}Be(^{76}Ge, X)^{62}Fe / ^{64}Fe / ^{66}Fe / ^{60}Cr / ^{62}Cr / ^{64}Cr / ^{65}Mn / ^{66}Mn / ^{67}Fe / ^{69}Co, E=130 MeV / nucleon; measured yields of secondary ion beams. JOUR PRVCA 81 051304
^{66}Co	2008KWZZ	NUCLEAR REACTIONS He(^{63}Fe, X), (^{64}Co, X), E=86 MeV / nucleon; measured Iγ(t), Eγ, A / Q, ToF. ^{63,64,65,65m}Fe, ^{64,65,66}Co deduced mass excess. ^{65}Fe deduced levels, J, π, isomer decay, $T_{1/2}$. Results on CD only. Penning trap mass spectrometer. CONF E.Lansing (NS2008),P129,Kwiatkowski
	2010FE01	ATOMIC MASSES ^{63,64,65,65m,66}Fe, ^{64,65,66,67,67m}Co; measured cyclotron resonance frequencies and mass excesses using LEBIT Penning-trap mass spectrometer. Comparison with AME-2003 evaluation. ^{61,63,65,67}Fe; systematics of low-lying levels. Z=24-31, N=35-44; systematics of two-neutron separation energies. JOUR PRVCA 81 044318
^{66}Cu	2010LE19	NUCLEAR REACTIONS ^{65}Cu(^{8}He, X)^{65}Cu / ^{66}Cu / ^{67}Cu / ^{68}Zn / ^{69}Zn / ^{68}Ga / ^{69}Ga / ^{70}Ga, [^{8}He secondary beam from C(^{13}C, X), E=75 MeV / nucleon primary reaction], E=19.9, 30.6 MeV; measured Eγ, Iγ, neutron spectra, (particle)γ-, (particle)nγ-, $\gamma\gamma$-coin, residue σ for fusion and neutron transfer, $\sigma(\theta)$ for ^{4}He, ^{6}He and ^{8}He using EXOGAM array and neutron wall. Coupled reaction channel calculations. CASCADE code used for statistical model calculation. JOUR PRVCA 82 044617
	2011LO01	NUCLEAR MOMENTS ^{66}Cu [from Cu(d, p), E=6 MeV]; measured quadrupole oscillation frequency; deduced spectroscopic quadrupole moment of the 6^- isomeric state, deformation, oblate shape. Comparison with HFB calculations. JOUR PYLBB 694 316
^{66}Zn	2010MO14	NUCLEAR REACTIONS ^{12}C(^{68}Zn, ^{68}Zn'), E=180 MeV; measured Eγ, Iγ, (particle)$\gamma(\theta$, H), precession angles in transient fields. ^{68}Zn; deduced g factors. Coulomb excitation. ^{62,64,66,70}Zn; reanalyzed g factors. Comparison with large-scale shell-model calculations. JOUR PRVCA 82 014301
	2010MO14	NUCLEAR MOMENTS ^{68}Zn; measured g factors by (particle)$\gamma(\theta$, H) in transient fields. ^{62,64,66,70}Zn; reanalyzed g factors. Comparison with large-scale shell-model calculations. JOUR PRVCA 82 014301

A=66 *(continued)*

^{66}Ga	2008MEZV	NUCLEAR REACTIONS ^{209}Bi(α, x), E=28.8, 32.8 MeV; measured Eγ, Iγ, Eα, Iα; ^{186}W(p, n), E=7-15 MeV; deduced σ; calculated σ; Zn(d, x)^{61}Cu, E≈3-19 MeV; Zn(d, x)^{64}Cu, E≈3-19 MeV; Zn(d, x)^{66}Ga, E≈3-19 MeV; Zn(d, x)^{67}Ga, E≈3-19 MeV; Zn(d, x)^{65}Zn, E≈3-19 MeV; Zn(d, x)^{69}Zn, E≈3-19 MeV; measured Eγ, Iγ; deduced thin taeget yields; ^{103}Rh(d, 2n), E≈3-20 MeV; ^{232}Th(p, 3n), E≈13-31 MeV; calculated σ. Calculations using EMPIRE II; compared to available data. CONF Nice (Nucl Data for Sci and Technol) Proc,P1403
	2010AL19	NUCLEAR REACTIONS ^{55}Mn(^{20}Ne, X)^{70}Se / ^{70}As / ^{71}As / ^{72}As / ^{66}Ge / ^{67}Ge / ^{69}Ge / ^{65}Ga / ^{66}Ga / ^{67}Ga / ^{63}Zn / ^{60}Cu / ^{61}Cu, E=51-164 MeV; measured reaction products recoils, Eγ, Iγ; deduced σ, angular momentum.Comparison with statistical code PACE-2. JOUR JPGPE 37 115101
	2010HE04	NUCLEAR REACTIONS Cd(α, xnα), ^{108}Cd(α, 2n), (α, p), (α, np), (α, 2np), (α, 3np), ^{106}Cd(α, np), ^{109}Cd(α, np), (α, 3np), ^{110}Cd(α, n), (α, p), (α, 2np), (α, 3np), ^{111}Cd(α, p), (α, np), (α, 3np), ^{112}Cd(α, 3n), (α, p), (α, np), (α, 2np), ^{113}Cd(α, p), (α, np), (α, 2np), (α, 3np), ^{114}Cd(α, n), (α, p), (α, np), (α, 2np), (α, 3np), (α, 4np), (α, n2p), ^{116}Cd(α, 3n), (α, 2np), (α, 3np), (α, 3n2p), Cu(α, X)^{66}Ga / ^{67}Ga, E=5-50 MeV; measured Eγ, Iγ; deduced σ. Comparison with experimental data, ALICE-IPPE, EMPIRE, GNASH codes. JOUR NIMBE 268 1376
^{66}Ge	2008WEZW	RADIOACTIVITY ^{66}Ge; ^{68}Ge; ^{94}Zr; ^{120}Te; measured decay products; deduced B(E2), $T_{1/2}$; ^{140}Nd; measured Eγ, I$\gamma(\theta)$, $\gamma\gamma(\theta)$-coin; deduced E, J, π, mixed-symmetry states. Results on CD only. CONF E.Lansing (NS2008),P23,Werner
	2010AL19	NUCLEAR REACTIONS ^{55}Mn(^{20}Ne, X)^{70}Se / ^{70}As / ^{71}As / ^{72}As / ^{66}Ge / ^{67}Ge / ^{69}Ge / ^{65}Ga / ^{66}Ga / ^{67}Ga / ^{63}Zn / ^{60}Cu / ^{61}Cu, E=51-164 MeV; measured reaction products recoils, Eγ, Iγ; deduced σ, angular momentum.Comparison with statistical code PACE-2. JOUR JPGPE 37 115101

A=67

^{67}Fe	2010DA06	NUCLEAR REACTIONS Ni(^{86}Kr, X), E=60.5 MeV / nucleon; measured Eγ, Iγ, (fragment)γ-coin, and γ(t). Identification of A and Z by energy-loss, total-kinetic-energy, and time-of-flight measurements. ^{50}K, ^{60}V, ^{62,64}Mn, ^{65,67}Fe, ^{68,70}Co, ^{75}Cu, ^{78}Zn, ^{78}Ga; deduced isomers, half-lives, J, π, multipolarities. ^{69,71,73}Cu; deduced B(M1), B(E2) values. ^{75}Cu; deduced levels, J, π, and transition rates for proposed level-scheme scenarios and comparisons with shell-model calculations. ^{69,71,73,75,77,79}Cu; shell model calculations of 1 / 2-, 3 / 2- and 5 / 2- states. JOUR PRVCA 81 034304

A=67 *(continued)*

	2010FE01	ATOMIC MASSES ^{63,64,65,65m,66}Fe, ^{64,65,66,67,67m}Co; measured cyclotron resonance frequencies and mass excesses using LEBIT Penning-trap mass spectrometer. Comparison with AME-2003 evaluation. ^{61,63,65,67}Fe; systematics of low-lying levels. Z=24-31, N=35-44; systematics of two-neutron separation energies. JOUR PRVCA 81 044318
	2010GA06	NUCLEAR REACTIONS ^{9}Be(^{62}Fe, ^{62}Fe'), E=73.0 MeV / nucleon [^{62}Fe secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon], ^{9}Be(^{64}Fe, ^{64}Fe'), E=67.5 MeV / nucleon [^{64}Fe secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon], ^{9}Be(^{66}Fe, ^{66}Fe'), E=82.6 MeV / nucleon [^{66}Fe secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon], ^{9}Be(^{60}Cr, ^{60}Cr'), E=80.6 MeV / nucleon [^{60}Cr secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon], ^{9}Be(^{62}Cr, ^{62}Cr'), E=74.6 MeV / nucleon [^{62}Cr secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon], ^{9}Be(^{64}Cr, ^{64}Cr'), E=87.0 MeV / nucleon [^{64}Cr secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon]; measured Eγ, Iγ, (particle)γ-coin, σ. ^{62,64,66}Fe, ^{60,62,64}Cr; deduced levels, J, π. Comparison with large-scale shell-model calculations in different model spaces. ^{9}Be(^{76}Ge, X)^{62}Fe / ^{64}Fe / ^{66}Fe / ^{60}Cr / ^{62}Cr / ^{64}Cr / ^{65}Mn / ^{66}Mn / ^{67}Fe / ^{69}Co, E=130 MeV / nucleon; measured yields of secondary ion beams. JOUR PRVCA 81 051304
^{67}Co	2010FE01	ATOMIC MASSES ^{63,64,65,65m,66}Fe, ^{64,65,66,67,67m}Co; measured cyclotron resonance frequencies and mass excesses using LEBIT Penning-trap mass spectrometer. Comparison with AME-2003 evaluation. ^{61,63,65,67}Fe; systematics of low-lying levels. Z=24-31, N=35-44; systematics of two-neutron separation energies. JOUR PRVCA 81 044318
^{67}Cu	2010LE19	NUCLEAR REACTIONS ^{65}Cu(^{8}He, X)^{65}Cu / ^{66}Cu / ^{67}Cu / ^{68}Zn / ^{69}Zn / ^{68}Ga / ^{69}Ga / ^{70}Ga, [^{8}He secondary beam from C(^{13}C, X), E=75 MeV / nucleon primary reaction], E=19.9, 30.6 MeV; measured Eγ, Iγ, neutron spectra, (particle)γ-, (particle)nγ-, $\gamma\gamma$-coin, residue σ for fusion and neutron transfer, $\sigma(\theta)$ for ^{4}He, ^{6}He and ^{8}He using EXOGAM array and neutron wall. Coupled reaction channel calculations. CASCADE code used for statistical model calculation. JOUR PRVCA 82 044617
^{67}Ga	2008MEZV	NUCLEAR REACTIONS ^{209}Bi(α, x), E=28.8, 32.8 MeV; measured Eγ, Iγ, Eα, Iα; ^{186}W(p, n), E=7-15 MeV; deduced σ; calculated σ; Zn(d, x)^{61}Cu, E≈3-19 MeV; Zn(d, x)^{64}Cu, E≈3-19 MeV; Zn(d, x)^{66}Ga, E≈3-19 MeV; Zn(d, x)^{67}Ga, E≈3-19 MeV; Zn(d, x)^{65}Zn, E≈3-19 MeV; Zn(d, x)^{69}Zn, E≈3-19 MeV; measured Eγ, Iγ; deduced thin taeget yields; ^{103}Rh(d, 2n), E≈3-20 MeV; ^{232}Th(p, 3n), E≈13-31 MeV; calculated σ. Calculations using EMPIRE II; compared to available data. CONF Nice (Nucl Data for Sci and Technol) Proc,P1403

A=67 *(continued)*

	2010AL19	NUCLEAR REACTIONS ^{55}Mn(^{20}Ne, X)^{70}Se / ^{70}As / ^{71}As / ^{72}As / ^{66}Ge / ^{67}Ge / ^{69}Ge / ^{65}Ga / ^{66}Ga / ^{67}Ga / ^{63}Zn / ^{60}Cu / ^{61}Cu, E=51-164 MeV; measured reaction products recoils, Eγ, Iγ; deduced σ, angular momentum.Comparison with statistical code PACE-2. JOUR JPGPE 37 115101
	2010CH16	NUCLEAR REACTIONS U(p, X)^{67}Ga / ^{69}Ga / ^{71}Ga / ^{73}Ga / ^{75}Ga / ^{77}Ga / ^{79}Ga / ^{81}Ga, E=1.4 GeV; measured optical hfs spectra; deduced ground J, π, magnetic dipole and electric quadrupole moments, anomalous ground state spins. JOUR PRLTA 104 252502
	2010HE04	NUCLEAR REACTIONS Cd(α, xnα), ^{108}Cd(α, 2n), (α, p), (α, np), (α, 2np), (α, 3np), ^{106}Cd(α, np), ^{109}Cd(α, np), (α, 3np), ^{110}Cd(α, n), (α, p), (α, 2np), (α, 3np), ^{111}Cd(α, p), (α, np), (α, 3np), ^{112}Cd(α, 3n), (α, p), (α, np), (α, 2np), ^{113}Cd(α, p), (α, np), (α, 2np), (α, 3np), ^{114}Cd(α, n), (α, p), (α, np), (α, 2np), (α, 3np), (α, 4np), (α, n2p), ^{116}Cd(α, 3n), (α, 2np), (α, 3np), (α, 3n2p), Cu(α, X)^{66}Ga / ^{67}Ga, E=5-50 MeV; measured Eγ, Iγ; deduced σ. Comparison with experimental data, ALICE-IPPE, EMPIRE, GNASH codes. JOUR NIMBE 268 1376
^{67}Ge	2010AL19	NUCLEAR REACTIONS ^{55}Mn(^{20}Ne, X)^{70}Se / ^{70}As / ^{71}As / ^{72}As / ^{66}Ge / ^{67}Ge / ^{69}Ge / ^{65}Ga / ^{66}Ga / ^{67}Ga / ^{63}Zn / ^{60}Cu / ^{61}Cu, E=51-164 MeV; measured reaction products recoils, Eγ, Iγ; deduced σ, angular momentum.Comparison with statistical code PACE-2. JOUR JPGPE 37 115101
	2010BA16	NUCLEAR REACTIONS ^{76}Ge, ^{74}Ge, Ge(p, X)^{67}Ge / ^{68}Ge / ^{69}Ge / ^{71}As / ^{74}As / ^{65}Zn / ^{60}Co, E=100 MeV; measured Eγ, Iγ; deduced σ. JOUR PANUE 73 1106
^{67}As	2008ORZZ	NUCLEAR REACTIONS ^{40}Ca(^{32}S, nα), (^{32}S, pα), E=90 MeV; measured reaction products, Eγ, Iγ;^{67}As, ^{67}Se; deduced level energies, J, π, B(E1)$T_{1/2}$. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P307,Orlandi
^{67}Se	2008ORZZ	NUCLEAR REACTIONS ^{40}Ca(^{32}S, nα), (^{32}S, pα), E=90 MeV; measured reaction products, Eγ, Iγ;^{67}As, ^{67}Se; deduced level energies, J, π, B(E1)$T_{1/2}$. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P307,Orlandi

A=68

^{68}Co	2010DA06	NUCLEAR REACTIONS Ni(^{86}Kr, X), E=60.5 MeV / nucleon; measured Eγ, Iγ, (fragment)γ-coin, and γ(t). Identification of A and Z by energy-loss, total-kinetic-energy, and time-of-flight measurements. ^{50}K, ^{60}V, ^{62,64}Mn, ^{65,67}Fe, ^{68,70}Co, ^{75}Cu, ^{78}Zn, ^{78}Ga; deduced isomers, half-lives, J, π, multipolarities. ^{69,71,73}Cu; deduced B(M1), B(E2) values. ^{75}Cu; deduced levels, J, π, and transition rates for proposed level-scheme scenarios and comparisons with shell-model calculations. ^{69,71,73,75,77,79}Cu; shell model calculations of 1 / 2-, 3 / 2- and 5 / 2- states. JOUR PRVCA 81 034304

A=68 *(continued)*

^{68}Zn	2008BEZH	NUCLEAR MOMENTS ^{70}Ge, ^{68}Zn, ^{92,94}Zr, ^{36,38,40}S, ^{38,40,42}Ar; measured hyperfine spectra, Doppler-shifted γ-spectra; deduced g factors. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P49,Benczer-Kolle
	2010LE19	NUCLEAR REACTIONS ^{65}Cu(^{8}He, X)^{65}Cu / ^{66}Cu / ^{67}Cu / ^{68}Zn / ^{69}Zn / ^{68}Ga / ^{69}Ga / ^{70}Ga, [^{8}He secondary beam from C(^{13}C, X), E=75 MeV / nucleon primary reaction], E=19.9, 30.6 MeV; measured Eγ, Iγ, neutron spectra, (particle)γ-, (particle)nγ-, $\gamma\gamma$-coin, residue σ for fusion and neutron transfer, $\sigma(\theta)$ for ^{4}He, ^{6}He and ^{8}He using EXOGAM array and neutron wall. Coupled reaction channel calculations. CASCADE code used for statistical model calculation. JOUR PRVCA 82 044617
	2010MO14	NUCLEAR REACTIONS ^{12}C(^{68}Zn, ^{68}Zn'), E=180 MeV; measured Eγ, Iγ, (particle)$\gamma(\theta$, H), precession angles in transient fields. ^{68}Zn; deduced g factors. Coulomb excitation. ^{62,64,66,70}Zn; reanalyzed g factors. Comparison with large-scale shell-model calculations. JOUR PRVCA 82 014301
	2010MO14	NUCLEAR MOMENTS ^{68}Zn; measured g factors by (particle)$\gamma(\theta$, H) in transient fields. ^{62,64,66,70}Zn; reanalyzed g factors. Comparison with large-scale shell-model calculations. JOUR PRVCA 82 014301
^{68}Ga	2010LE19	NUCLEAR REACTIONS ^{65}Cu(^{8}He, X)^{65}Cu / ^{66}Cu / ^{67}Cu / ^{68}Zn / ^{69}Zn / ^{68}Ga / ^{69}Ga / ^{70}Ga, [^{8}He secondary beam from C(^{13}C, X), E=75 MeV / nucleon primary reaction], E=19.9, 30.6 MeV; measured Eγ, Iγ, neutron spectra, (particle)γ-, (particle)nγ-, $\gamma\gamma$-coin, residue σ for fusion and neutron transfer, $\sigma(\theta)$ for ^{4}He, ^{6}He and ^{8}He using EXOGAM array and neutron wall. Coupled reaction channel calculations. CASCADE code used for statistical model calculation. JOUR PRVCA 82 044617
^{68}Ge	2008WEZW	RADIOACTIVITY ^{66}Ge; ^{68}Ge; ^{94}Zr; ^{120}Te; measured decay products; deduced B(E2), $T_{1/2}$; ^{140}Nd; measured Eγ, I$\gamma(\theta)$, $\gamma\gamma(\theta)$-coin; deduced E, J, π, mixed-symmetry states. Results on CD only. CONF E.Lansing (NS2008),P23,Werner
	2010BA16	NUCLEAR REACTIONS ^{76}Ge, ^{74}Ge, Ge(p, X)^{67}Ge / ^{68}Ge / ^{69}Ge / ^{71}As / ^{74}As / ^{65}Zn / ^{60}Co, E=100 MeV; measured Eγ, Iγ; deduced σ. JOUR PANUE 73 1106
	2010MI18	NUCLEAR REACTIONS ^{58}Ni(^{16}O, X)^{68}Ge / ^{71}Se / ^{72}Se / ^{71}As / ^{72}Br, E=40-60 MeV; measured Eγ, Iγ; deduced σ, γ-ray energies and intensities. Comparison with evaporation codes CASCADE and PACE 4. JOUR RJPHE 55 712
^{68}As	2008SAZF	RADIOACTIVITY ^{64}Ge, ^{68}Se(EC); measured $T_{1/2}$. Results on CD only. CONF E.Lansing (NS2008),P172,Savory
^{68}Se	2008SAZF	ATOMIC MASSES ^{68,70}Se, ^{70,71}Br; measured mass using LEBIT facility. Results on CD only. CONF E.Lansing (NS2008),P172,Savory
	2008SAZF	RADIOACTIVITY ^{64}Ge, ^{68}Se(EC); measured $T_{1/2}$. Results on CD only. CONF E.Lansing (NS2008),P172,Savory

A=69

^{69}Co	2010GA06	NUCLEAR REACTIONS ^{9}Be(^{62}Fe, ^{62}Fe'), E=73.0 MeV / nucleon [^{62}Fe secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon], ^{9}Be(^{64}Fe, ^{64}Fe'), E=67.5 MeV / nucleon [^{64}Fe secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon], ^{9}Be(^{66}Fe, ^{66}Fe'), E=82.6 MeV / nucleon [^{66}Fe secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon], ^{9}Be(^{60}Cr, ^{60}Cr'), E=80.6 MeV / nucleon [^{60}Cr secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon], ^{9}Be(^{62}Cr, ^{62}Cr'), E=74.6 MeV / nucleon [^{62}Cr secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon], ^{9}Be(^{64}Cr, ^{64}Cr'), E=87.0 MeV / nucleon [^{64}Cr secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon]; measured Eγ, Iγ, (particle)γ-coin, σ. ^{62,64,66}Fe, ^{60,62,64}Cr; deduced levels, J, π. Comparison with large-scale shell-model calculations in different model spaces. ^{9}Be(^{76}Ge, X)^{62}Fe / ^{64}Fe / ^{66}Fe / ^{60}Cr / ^{62}Cr / ^{64}Cr / ^{65}Mn / ^{66}Mn / ^{67}Fe / ^{69}Co, E=130 MeV / nucleon; measured yields of secondary ion beams. JOUR PRVCA 81 051304
^{69}Cu	2010DA06	NUCLEAR REACTIONS Ni(^{86}Kr, X), E=60.5 MeV / nucleon; measured Eγ, Iγ, (fragment)γ-coin, and γ(t). Identification of A and Z by energy-loss, total-kinetic-energy, and time-of-flight measurements. ^{50}K, ^{60}V, ^{62,64}Mn, ^{65,67}Fe, ^{68,70}Co, ^{75}Cu, ^{78}Zn, ^{78}Ga; deduced isomers, half-lives, J, π, multipolarities. ^{69,71,73}Cu; deduced B(M1), B(E2) values. ^{75}Cu; deduced levels, J, π, and transition rates for proposed level-scheme scenarios and comparisons with shell-model calculations. ^{69,71,73,75,77,79}Cu; shell model calculations of 1 / 2-, 3 / 2- and 5 / 2- states. JOUR PRVCA 81 034304
^{69}Zn	2008MEZV	NUCLEAR REACTIONS ^{209}Bi(α, x), E=28.8, 32.8 MeV; measured Eγ, Iγ, Eα, Iα; ^{186}W(p, n), E=7-15 MeV; deduced σ; calculated σ; Zn(d, x)^{61}Cu, E≈3-19 MeV; Zn(d, x)^{64}Cu, E≈3-19 MeV; Zn(d, x)^{66}Ga, E≈3-19 MeV; Zn(d, x)^{67}Ga, E≈3-19 MeV; Zn(d, x)^{65}Zn, E≈3-19 MeV; Zn(d, x)^{69}Zn, E≈3-19 MeV; measured Eγ, Iγ; deduced thin taeget yields; ^{103}Rh(d, 2n), E≈3-20 MeV; ^{232}Th(p, 3n), E≈13-31 MeV; calculated σ. Calculations using EMPIRE II; compared to available data. CONF Nice (Nucl Data for Sci and Technol) Proc,P1403
	2008SEZU	NUCLEAR REACTIONS ^{68,70}Zn(n, γ), E≈thermal; measured Eγ, Iγ; deduced resonance integral, σ, isomer σ. CONF Nice (Nucl Data for Sci and Technol) Proc,P509
	2008VLZZ	NUCLEAR REACTIONS ^{72,74}Ge(n, α), E=9.6, 10.6, 11.1, 11.4 MeV; ^{76}Ge(n, 2n), E=9.6, 10.6, 11.1, 11.4 MeV; measured Eγ, Iγ; deduced σ isomer, σ ground state; calculated σ isomer, σ ground state using EMPIRE; ^{191}Ir(n, 2n), E=10.0, 10.5, 11.0, 11.3 MeV; measured Eγ, Iγ(t); deduced σ isomer, σ ground state; calculated σ isomer, σ ground state using STAPRE-F. Compared to other data. CONF Nice (Nucl Data for Sci and Technol) Proc,P471

A=69 *(continued)*

	2009VLZZ	NUCLEAR REACTIONS ^{72,74}Ge(n, α), E=9.6-11.4 MeV; ^{76}Ge(n, 2n), E=9.6-11.4 MeV; measured ^{69,71}Zn, ^{75}Ge Eγ, Iγ, isomeric transition; deduced σ(g), σ(m); calculated σ(g), σ(m) using EMPIRE-II code; analyzed influence of pre-equilibrium. Compared to available data. CONF Cologne (Capture Gamma-Ray Spectroscopy) Proc,P627,Vlastou
	2010LE19	NUCLEAR REACTIONS ^{65}Cu(^{8}He, X)^{65}Cu / ^{66}Cu / ^{67}Cu / ^{68}Zn / ^{69}Zn / ^{68}Ga / ^{69}Ga / ^{70}Ga, [^{8}He secondary beam from C(^{13}C, X), E=75 MeV / nucleon primary reaction], E=19.9, 30.6 MeV; measured Eγ, Iγ, neutron spectra, (particle)γ-, (particle)nγ-, $\gamma\gamma$-coin, residue σ for fusion and neutron transfer, $\sigma(\theta)$ for ^{4}He, ^{6}He and ^{8}He using EXOGAM array and neutron wall. Coupled reaction channel calculations. CASCADE code used for statistical model calculation. JOUR PRVCA 82 044617
^{69}Ga	2010CH16	NUCLEAR REACTIONS U(p, X)^{67}Ga / ^{69}Ga / ^{71}Ga / ^{73}Ga / ^{75}Ga / ^{77}Ga / ^{79}Ga / ^{81}Ga, E=1.4 GeV; measured optical hfs spectra; deduced ground J, π, magnetic dipole and electric quadrupole moments, anomalous ground state spins. JOUR PRLTA 104 252502
	2010LE19	NUCLEAR REACTIONS ^{65}Cu(^{8}He, X)^{65}Cu / ^{66}Cu / ^{67}Cu / ^{68}Zn / ^{69}Zn / ^{68}Ga / ^{69}Ga / ^{70}Ga, [^{8}He secondary beam from C(^{13}C, X), E=75 MeV / nucleon primary reaction], E=19.9, 30.6 MeV; measured Eγ, Iγ, neutron spectra, (particle)γ-, (particle)nγ-, $\gamma\gamma$-coin, residue σ for fusion and neutron transfer, $\sigma(\theta)$ for ^{4}He, ^{6}He and ^{8}He using EXOGAM array and neutron wall. Coupled reaction channel calculations. CASCADE code used for statistical model calculation. JOUR PRVCA 82 044617
^{69}Ge	2010AL19	NUCLEAR REACTIONS ^{55}Mn(^{20}Ne, X)^{70}Se / ^{70}As / ^{71}As / ^{72}As / ^{66}Ge / ^{67}Ge / ^{69}Ge / ^{65}Ga / ^{66}Ga / ^{67}Ga / ^{63}Zn / ^{60}Cu / ^{61}Cu, E=51-164 MeV; measured reaction products recoils, Eγ, Iγ; deduced σ, angular momentum.Comparison with statistical code PACE-2. JOUR JPGPE 37 115101
	2010BA16	NUCLEAR REACTIONS ^{76}Ge, ^{74}Ge, Ge(p, X)^{67}Ge / ^{68}Ge / ^{69}Ge / ^{71}As / ^{74}As / ^{65}Zn / ^{60}Co, E=100 MeV; measured Eγ, Iγ; deduced σ. JOUR PANUE 73 1106

A=70

^{70}Co	2010DA06	NUCLEAR REACTIONS Ni(^{86}Kr, X), E=60.5 MeV / nucleon; measured Eγ, Iγ, (fragment)γ-coin, and γ(t). Identification of A and Z by energy-loss, total-kinetic-energy, and time-of-flight measurements. ^{50}K, ^{60}V, ^{62,64}Mn, ^{65,67}Fe, ^{68,70}Co, ^{75}Cu, ^{78}Zn, ^{78}Ga; deduced isomers, half-lives, J, π, multipolarities. ^{69,71,73}Cu; deduced B(M1), B(E2) values. ^{75}Cu; deduced levels, J, π, and transition rates for proposed level-scheme scenarios and comparisons with shell-model calculations. ^{69,71,73,75,77,79}Cu; shell model calculations of 1 / 2-, 3 / 2- and 5 / 2- states. JOUR PRVCA 81 034304

A=70 *(continued)*

^{70}Ni	2008AZZZ	NUCLEAR REACTIONS ^{208}Pb(^{70}Ni, ^{70}Ni'), (^{74}Zn, ^{74}Zn'), (^{76}Ge, ^{76}Ge'), E=60 MeV / nucleon; measured Eγ, Iγ, reaction products; ^{70}Ni, ^{74}Zn, ^{76}Ge; deduced level energies, J, π, σ, B(E2). CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P39,Azaiez
^{70}Zn	2010MO14	NUCLEAR REACTIONS ^{12}C(^{68}Zn, ^{68}Zn'), E=180 MeV; measured Eγ, Iγ, (particle)$\gamma(\theta$, H), precession angles in transient fields. ^{68}Zn; deduced g factors. Coulomb excitation. ^{62,64,66,70}Zn; reanalyzed g factors. Comparison with large-scale shell-model calculations. JOUR PRVCA 82 014301
	2010MO14	NUCLEAR MOMENTS ^{68}Zn; measured g factors by (particle)$\gamma(\theta$, H) in transient fields. ^{62,64,66,70}Zn; reanalyzed g factors. Comparison with large-scale shell-model calculations. JOUR PRVCA 82 014301
^{70}Ga	2010LE19	NUCLEAR REACTIONS ^{65}Cu(^{8}He, X)^{65}Cu / ^{66}Cu / ^{67}Cu / ^{68}Zn / ^{69}Zn / ^{68}Ga / ^{69}Ga / ^{70}Ga, [^{8}He secondary beam from C(^{13}C, X), E=75 MeV / nucleon primary reaction], E=19.9, 30.6 MeV; measured Eγ, Iγ, neutron spectra, (particle)γ-, (particle)nγ-, $\gamma\gamma$-coin, residue σ for fusion and neutron transfer, $\sigma(\theta)$ for ^{4}He, ^{6}He and ^{8}He using EXOGAM array and neutron wall. Coupled reaction channel calculations. CASCADE code used for statistical model calculation. JOUR PRVCA 82 044617
^{70}Ge	2008BEZH	NUCLEAR MOMENTS ^{70}Ge, ^{68}Zn, ^{92,94}Zr, ^{36,38,40}S, ^{38,40,42}Ar; measured hyperfine spectra, Doppler-shifted γ-spectra; deduced g factors. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P49,Benczer-Kolle
	2010SU05	NUCLEAR REACTIONS ^{60}Ni(^{12}C, 2p), E=45 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, and $\gamma(\theta)$. ^{70}Ge; deduced levels, J, π, multipolarity, and bands. Comparison with shell model calculations using G-matrix and EPQQM interactions, and with structures of ^{66,68}Ge. JOUR PRVCA 81 024309
^{70}As	2010AL19	NUCLEAR REACTIONS ^{55}Mn(^{20}Ne, X)^{70}Se / ^{70}As / ^{71}As / ^{72}As / ^{66}Ge / ^{67}Ge / ^{69}Ge / ^{65}Ga / ^{66}Ga / ^{67}Ga / ^{63}Zn / ^{60}Cu / ^{61}Cu, E=51-164 MeV; measured reaction products recoils, Eγ, Iγ; deduced σ, angular momentum.Comparison with statistical code PACE-2. JOUR JPGPE 37 115101
^{70}Se	2008LJZZ	NUCLEAR REACTIONS ^{40}Ca(^{36}Ar, 2pα), E not given; ^{40}Ca(^{36}Ar, 4p), E not given; measured Eγ, Iγ, $\gamma\gamma$-coin using plunger technique; deduced ^{70}Se $T_{1/2}$, B(E2), deformation; calculated E, J, π, configuration mixing, shape coexistence. Results on CD only. CONF E.Lansing (NS2008),P8,Ljungvall
	2008SAZF	ATOMIC MASSES ^{68,70}Se, ^{70,71}Br; measured mass using LEBIT facility. Results on CD only. CONF E.Lansing (NS2008),P172,Savory
	2010AL19	NUCLEAR REACTIONS ^{55}Mn(^{20}Ne, X)^{70}Se / ^{70}As / ^{71}As / ^{72}As / ^{66}Ge / ^{67}Ge / ^{69}Ge / ^{65}Ga / ^{66}Ga / ^{67}Ga / ^{63}Zn / ^{60}Cu / ^{61}Cu, E=51-164 MeV; measured reaction products recoils, Eγ, Iγ; deduced σ, angular momentum.Comparison with statistical code PACE-2. JOUR JPGPE 37 115101
^{70}Br	2008SAZF	ATOMIC MASSES ^{68,70}Se, ^{70,71}Br; measured mass using LEBIT facility. Results on CD only. CONF E.Lansing (NS2008),P172,Savory

A=71

^{71}Mn	2010OH02	NUCLEAR REACTIONS Be, Pb(^{238}U, F), E=345 MeV / nucleon; measured yields of fission fragments. Z=20-56, A=52-152; measured yields. ^{71}Mn, ^{73,74}Fe, ^{76}Co, ^{79}Ni, ^{81,82}Cu, ^{84,85}Zn, ^{87}Ga, ^{90}Ge, ^{95}Se, ^{98}Br, ^{101}Kr, ^{103}Rb, ^{106,107}Sr, ^{108,109}Y, ^{111,112}Zr, ^{114,115}Nb, ^{115,116,117}Mo, ^{119,120}Tc, ^{121,122,123,124}Ru, ^{123,124,125,126}Rh, ^{127,128}Pd, ^{133}Cd, ^{138}Sn, ^{140}Sb, ^{143}Te, ^{145}I, ^{148}Xe, ^{152}Ba; measured yields and cross sections, identified new isotopes using RI beam factory at RIKEN, ΔE-TOF-Bρ method. JOUR JUPSA 79 073201
^{71}Co	2008RAZS	RADIOACTIVITY ^{71,72,73,74,75}Co(β^-)[from ^{9}Be(^{86}Kr, X), E=140 MeV / nucleon];measured E(particle), I(particle), Eγ, Iγ, Eβ, Iβ, $\beta\gamma$-coin, $\gamma\gamma$-coin. ^{71,73}Ni, ^{71,72,73}Co deduced levels, J, π. Comparison with shell model calculation with NR78 interaction. Results on CD only. CONF E.Lansing (NS2008),P167,Rajabali
	2008RAZV	RADIOACTIVITY ^{71}Co(β^-), ^{72}Co(β^-), ^{73}Co(β^-), ^{74}Co(β^-), ^{75}Co(β^-)[from ^{9}Be(^{86}Kr, x), E=140 MeV / nucleon fragmentation]; measured Eγ, Iγ, $\gamma\gamma$-coin, β-delayed neutron decay; deduced ^{71,73}Ni E, J, π; calculated ^{69,71,73,75,77}Ni E, J, π. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P679
	2010RAZY	RADIOACTIVITY ^{71,73}Co(β^-)[from ^{9}Be(^{86}Kr, X), E=140 MeV / nucleon]; measured Eγ, Iγ, Eβ, Iβ, $\gamma\gamma$-, $\beta\gamma$-, (implant ions)$\beta\gamma$-coin, half-lives using SeGA array. ^{71,73}Ni; deduced levels, J, π, logft values. Comparisons with shell-model calculations. PREPRINT Rajabali,11/7/2010
^{71}Ni	2008RAZS	RADIOACTIVITY ^{71,72,73,74,75}Co(β^-)[from ^{9}Be(^{86}Kr, X), E=140 MeV / nucleon];measured E(particle), I(particle), Eγ, Iγ, Eβ, Iβ, $\beta\gamma$-coin, $\gamma\gamma$-coin. ^{71,73}Ni, ^{71,72,73}Co deduced levels, J, π. Comparison with shell model calculation with NR78 interaction. Results on CD only. CONF E.Lansing (NS2008),P167,Rajabali
	2008RAZV	RADIOACTIVITY ^{71}Co(β^-), ^{72}Co(β^-), ^{73}Co(β^-), ^{74}Co(β^-), ^{75}Co(β^-)[from ^{9}Be(^{86}Kr, x), E=140 MeV / nucleon fragmentation]; measured Eγ, Iγ, $\gamma\gamma$-coin, β-delayed neutron decay; deduced ^{71,73}Ni E, J, π; calculated ^{69,71,73,75,77}Ni E, J, π. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P679
	2010RAZY	RADIOACTIVITY ^{71,73}Co(β^-)[from ^{9}Be(^{86}Kr, X), E=140 MeV / nucleon]; measured Eγ, Iγ, Eβ, Iβ, $\gamma\gamma$-, $\beta\gamma$-, (implant ions)$\beta\gamma$-coin, half-lives using SeGA array. ^{71,73}Ni; deduced levels, J, π, logft values. Comparisons with shell-model calculations. PREPRINT Rajabali,11/7/2010
^{71}Cu	2008YOZV	RADIOACTIVITY ^{21}Mg;^{21}F;^{71}Cu;^{72}Cu; measured β asymmetry using laser spectroscopy; deduced ground state μ, quadrupole moment, spin. Results on CD only. CONF E.Lansing (NS2008),P63,Yordanov

A=71 ***(continued)***

	2010DA06	NUCLEAR REACTIONS Ni(^{86}Kr, X), E=60.5 MeV / nucleon; measured Eγ, Iγ, (fragment)γ-coin, and γ(t). Identification of A and Z by energy-loss, total-kinetic-energy, and time-of-flight measurements. ^{50}K, ^{60}V, ^{62,64}Mn, ^{65,67}Fe, ^{68,70}Co, ^{75}Cu, ^{78}Zn, ^{78}Ga; deduced isomers, half-lives, J, π, multipolarities. ^{69,71,73}Cu; deduced B(M1), B(E2) values. ^{75}Cu; deduced levels, J, π, and transition rates for proposed level-scheme scenarios and comparisons with shell-model calculations. ^{69,71,73,75,77,79}Cu; shell model calculations of 1 / 2-, 3 / 2- and 5 / 2- states. JOUR PRVCA 81 034304
^{71}Zn	2008SEZU	NUCLEAR REACTIONS ^{68,70}Zn(n, γ), E$\approx$thermal; measured Eγ, Iγ; deduced resonance integral, σ, isomer σ. CONF Nice (Nucl Data for Sci and Technol) Proc,P509
	2008VLZZ	NUCLEAR REACTIONS ^{72,74}Ge(n, α), E=9.6, 10.6, 11.1, 11.4 MeV; ^{76}Ge(n, 2n), E=9.6, 10.6, 11.1, 11.4 MeV; measured Eγ, Iγ; deduced σ isomer, σ ground state; calculated σ isomer, σ ground state using EMPIRE; ^{191}Ir(n, 2n), E=10.0, 10.5, 11.0, 11.3 MeV; measured Eγ, Iγ(t); deduced σ isomer, σ ground state; calculated σ isomer, σ ground state using STAPRE-F. Compared to other data. CONF Nice (Nucl Data for Sci and Technol) Proc,P471
	2009VLZZ	NUCLEAR REACTIONS ^{72,74}Ge(n, α), E=9.6-11.4 MeV; ^{76}Ge(n, 2n), E=9.6-11.4 MeV; measured ^{69,71}Zn, ^{75}Ge Eγ, Iγ, isomeric transition; deduced σ(g), σ(m); calculated σ(g), σ(m) using EMPIRE-II code; analyzed influence of pre-equilibrium. Compared to available data. CONF Cologne (Capture Gamma-Ray Spectroscopy) Proc,P627,Vlastou
^{71}Ga	2010CH16	NUCLEAR REACTIONS U(p, X)^{67}Ga / ^{69}Ga / ^{71}Ga / ^{73}Ga / ^{75}Ga / ^{77}Ga / ^{79}Ga / ^{81}Ga, E=1.4 GeV; measured optical hfs spectra; deduced ground J, π, magnetic dipole and electric quadrupole moments, anomalous ground state spins. JOUR PRLTA 104 252502
^{71}As	2010AL19	NUCLEAR REACTIONS ^{55}Mn(^{20}Ne, X)^{70}Se / ^{70}As / ^{71}As / ^{72}As / ^{66}Ge / ^{67}Ge / ^{69}Ge / ^{65}Ga / ^{66}Ga / ^{67}Ga / ^{63}Zn / ^{60}Cu / ^{61}Cu, E=51-164 MeV; measured reaction products recoils, Eγ, Iγ; deduced σ, angular momentum.Comparison with statistical code PACE-2. JOUR JPGPE 37 115101
	2010BA16	NUCLEAR REACTIONS ^{76}Ge, ^{74}Ge, Ge(p, X)^{67}Ge / ^{68}Ge / ^{69}Ge / ^{71}As / ^{74}As / ^{65}Zn / ^{60}Co, E=100 MeV; measured Eγ, Iγ; deduced σ. JOUR PANUE 73 1106
	2010MI18	NUCLEAR REACTIONS ^{58}Ni(^{16}O, X)^{68}Ge / ^{71}Se / ^{72}Se / ^{71}As / ^{72}Br, E=40-60 MeV; measured Eγ, Iγ; deduced σ, γ-ray energies and intensities. Comparison with evaporation codes CASCADE and PACE 4. JOUR RJPHE 55 712
^{71}Se	2010MI18	NUCLEAR REACTIONS ^{58}Ni(^{16}O, X)^{68}Ge / ^{71}Se / ^{72}Se / ^{71}As / ^{72}Br, E=40-60 MeV; measured Eγ, Iγ; deduced σ, γ-ray energies and intensities. Comparison with evaporation codes CASCADE and PACE 4. JOUR RJPHE 55 712
^{71}Br	2008SAZF	ATOMIC MASSES ^{68,70}Se, ^{70,71}Br; measured mass using LEBIT facility. Results on CD only. CONF E.Lansing (NS2008),P172,Savory

A=71 *(continued)*

^{71}Kr	2008NAZR	NUCLEAR REACTIONS Ca(^{36}Na, np), E=103 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, $\beta\gamma$-coin; deduced E, J, π; Ca(^{32}S, x)^{71}Kr, E not given; Ca(^{33}S, x)^{71}Kr, E not given; measured Eγ, Iγ. Results on CD only. CONF E.Lansing (NS2008),P4,Nara Singh

A=72

^{72}Co	2008RAZS	RADIOACTIVITY ^{71,72,73,74,75}Co(β^-)[from ^{9}Be(^{86}Kr, X), E=140 MeV / nucleon];measured E(particle), I(particle), Eγ, Iγ, Eβ, Iβ, $\beta\gamma$-coin, $\gamma\gamma$-coin. ^{71,73}Ni, ^{71,72,73}Co deduced levels, J, π. Comparison with shell model calculation with NR78 interaction. Results on CD only. CONF E.Lansing (NS2008),P167,Rajabali
	2008RAZV	RADIOACTIVITY ^{71}Co(β^-), ^{72}Co(β^-), ^{73}Co(β^-), ^{74}Co(β^-), ^{75}Co(β^-)[from ^{9}Be(^{86}Kr, x), E=140 MeV / nucleon fragmentation]; measured Eγ, Iγ, $\gamma\gamma$-coin, β-delayed neutron decay; deduced ^{71,73}Ni E, J, π; calculated ^{69,71,73,75,77}Ni E, J, π. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P679
^{72}Ni	2008RAZS	RADIOACTIVITY ^{71,72,73,74,75}Co(β^-)[from ^{9}Be(^{86}Kr, X), E=140 MeV / nucleon];measured E(particle), I(particle), Eγ, Iγ, Eβ, Iβ, $\beta\gamma$-coin, $\gamma\gamma$-coin. ^{71,73}Ni, ^{71,72,73}Co deduced levels, J, π. Comparison with shell model calculation with NR78 interaction. Results on CD only. CONF E.Lansing (NS2008),P167,Rajabali
	2008RAZV	RADIOACTIVITY ^{71}Co(β^-), ^{72}Co(β^-), ^{73}Co(β^-), ^{74}Co(β^-), ^{75}Co(β^-)[from ^{9}Be(^{86}Kr, x), E=140 MeV / nucleon fragmentation]; measured Eγ, Iγ, $\gamma\gamma$-coin, β-delayed neutron decay; deduced ^{71,73}Ni E, J, π; calculated ^{69,71,73,75,77}Ni E, J, π. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P679
	2010HO12	RADIOACTIVITY ^{73,74,75}Co, ^{75,76,77,78}Ni, ^{76,77,78,79,80}Cu, ^{79,80,81}Zn, ^{81,82}Ga(β^-), (β^-n)[from Be(^{86}Kr, X), E=140 MeV / nucleon]; measured β spectra, βn-coin, neutron spectra, half-lives, delayed neutron-emission probabilities; calculated half-lives, P(n) using QRPA, CQRPA and OXBASH shell model. Discussed effects on various types of models for the rapid neutron-capture process (r-process) in nucleosynthesis. A=1-210; calculated abundances with classical r-process and HEW models using known decay data. ^{78}Ni(β^-); calculated Gamow-Teller strengths, effect on abundances. JOUR PRVCA 82 025806
^{72}Cu	2008YOZV	RADIOACTIVITY ^{21}Mg;^{21}F;^{71}Cu;^{72}Cu; measured β asymmetry using laser spectroscopy; deduced ground state μ, quadrupole moment, spin. Results on CD only. CONF E.Lansing (NS2008),P63,Yordanov
	2010FL02	NUCLEAR MOMENTS ^{72}Cu, ^{74}Cu; measured resonance fluorescence spectra, hyperfine structure parameters, spins, static magnetic dipole and electric quadrupole moments of the ground states using collinear laser spectroscopy at the CERN on-Line Isotope Mass Separator (ISOLDE) facility. Comparison with shell-model calculations using the JUN45 interaction. JOUR PRVCA 82 041302

A=72 *(continued)*

^{72}Ge	2008STZT	RADIOACTIVITY ^{98}Mo, ^{72,76}Ge; measured Eγ, Iγ, $\gamma\gamma$-coin; deduced attenuation, g-factor. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P379
^{72}As	2010AL19	NUCLEAR REACTIONS ^{55}Mn(^{20}Ne, X)^{70}Se / ^{70}As / ^{71}As / ^{72}As / ^{66}Ge / ^{67}Ge / ^{69}Ge / ^{65}Ga / ^{66}Ga / ^{67}Ga / ^{63}Zn / ^{60}Cu / ^{61}Cu, E=51-164 MeV; measured reaction products recoils, Eγ, Iγ; deduced σ, angular momentum.Comparison with statistical code PACE-2. JOUR JPGPE 37 115101
	2010PA29	NUCLEAR REACTIONS ^{56}Fe(^{19}F, n2p)^{72}As, E=60 MeV; measured Eγ, Iγ, $\gamma(\theta)$, $\gamma(\theta$, H, t), and magnetic moment. JOUR PRVCA 82 044313
	2010PA29	NUCLEAR MOMENTS ^{72}As; measured magnetic moment by time-integral perturbed angular distributions method. Comparison with shell-model calculations. JOUR PRVCA 82 044313
^{72}Se	2008LJZZ	NUCLEAR REACTIONS ^{40}Ca(^{36}Ar, 2pα), E not given; ^{40}Ca(^{36}Ar, 4p), E not given; measured Eγ, Iγ, $\gamma\gamma$-coin using plunger technique; deduced ^{70}Se $T_{1/2}$, B(E2), deformation; calculated E, J, π, configuration mixing, shape coexistence. Results on CD only. CONF E.Lansing (NS2008),P8,Ljungvall
	2010MI18	NUCLEAR REACTIONS ^{58}Ni(^{16}O, X)^{68}Ge / ^{71}Se / ^{72}Se / ^{71}As / ^{72}Br, E=40-60 MeV; measured Eγ, Iγ; deduced σ, γ-ray energies and intensities. Comparison with evaporation codes CASCADE and PACE 4. JOUR RJPHE 55 712
^{72}Br	2010MI18	NUCLEAR REACTIONS ^{58}Ni(^{16}O, X)^{68}Ge / ^{71}Se / ^{72}Se / ^{71}As / ^{72}Br, E=40-60 MeV; measured Eγ, Iγ; deduced σ, γ-ray energies and intensities. Comparison with evaporation codes CASCADE and PACE 4. JOUR RJPHE 55 712

A=73

^{73}Fe	2010OH02	NUCLEAR REACTIONS Be, Pb(^{238}U, F), E=345 MeV / nucleon; measured yields of fission fragments. Z=20-56, A=52-152; measured yields. ^{71}Mn, ^{73,74}Fe, ^{76}Co, ^{79}Ni, ^{81,82}Cu, ^{84,85}Zn, ^{87}Ga, ^{90}Ge, ^{95}Se, ^{98}Br, ^{101}Kr, ^{103}Rb, ^{106,107}Sr, ^{108,109}Y, ^{111,112}Zr, ^{114,115}Nb, ^{115,116,117}Mo, ^{119,120}Tc, ^{121,122,123,124}Ru, ^{123,124,125,126}Rh, ^{127,128}Pd, ^{133}Cd, ^{138}Sn, ^{140}Sb, ^{143}Te, ^{145}I, ^{148}Xe, ^{152}Ba; measured yields and cross sections, identified new isotopes using RI beam factory at RIKEN, ΔE-TOF-Bρ method. JOUR JUPSA 79 073201
^{73}Co	2008RAZS	RADIOACTIVITY ^{71,72,73,74,75}Co(β^-)[from ^{9}Be(^{86}Kr, X), E=140 MeV / nucleon];measured E(particle), I(particle), Eγ, Iγ, Eβ, Iβ, $\beta\gamma$-coin, $\gamma\gamma$-coin. ^{71,73}Ni, ^{71,72,73}Co deduced levels, J, π. Comparison with shell model calculation with NR78 interaction. Results on CD only. CONF E.Lansing (NS2008),P167,Rajabali
	2008RAZV	RADIOACTIVITY ^{71}Co(β^-), ^{72}Co(β^-), ^{73}Co(β^-), ^{74}Co(β^-), ^{75}Co(β^-)[from ^{9}Be(^{86}Kr, x), E=140 MeV / nucleon fragmentation]; measured Eγ, Iγ, $\gamma\gamma$-coin, β-delayed neutron decay; deduced ^{71,73}Ni E, J, π; calculated ^{69,71,73,75,77}Ni E, J, π. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P679

A=73 *(continued)*

	2010HO12	RADIOACTIVITY ^{73,74,75}Co, ^{75,76,77,78}Ni, ^{76,77,78,79,80}Cu, ^{79,80,81}Zn, ^{81,82}Ga(β^-), (β^-n)[from Be(^{86}Kr, X), E=140 MeV / nucleon]; measured β spectra, βn-coin, neutron spectra, half-lives, delayed neutron-emission probabilities; calculated half-lives, P(n) using QRPA, CQRPA and OXBASH shell model. Discussed effects on various types of models for the rapid neutron-capture process (r-process) in nucleosynthesis. A=1-210; calculated abundances with classical r-process and HEW models using known decay data. ^{78}Ni(β^-); calculated Gamow-Teller strengths, effect on abundances. JOUR PRVCA 82 025806
	2010RAZY	RADIOACTIVITY ^{71,73}Co(β^-)[from ^{9}Be(^{86}Kr, X), E=140 MeV / nucleon]; measured Eγ, Iγ, Eβ, Iβ, $\gamma\gamma$-, $\beta\gamma$-, (implant ions)$\beta\gamma$-coin, half-lives using SeGA array. ^{71,73}Ni; deduced levels, J, π, logft values. Comparisons with shell-model calculations. PREPRINT Rajabali,11/7/2010
^{73}Ni	2008RAZS	RADIOACTIVITY ^{71,72,73,74,75}Co(β^-)[from ^{9}Be(^{86}Kr, X), E=140 MeV / nucleon];measured E(particle), I(particle), Eγ, Iγ, Eβ, Iβ, $\beta\gamma$-coin, $\gamma\gamma$-coin. ^{71,73}Ni, ^{71,72,73}Co deduced levels, J, π. Comparison with shell model calculation with NR78 interaction. Results on CD only. CONF E.Lansing (NS2008),P167,Rajabali
	2008RAZV	RADIOACTIVITY ^{71}Co(β^-), ^{72}Co(β^-), ^{73}Co(β^-), ^{74}Co(β^-), ^{75}Co(β^-)[from ^{9}Be(^{86}Kr, x), E=140 MeV / nucleon fragmentation]; measured Eγ, Iγ, $\gamma\gamma$-coin, β-delayed neutron decay; deduced ^{71,73}Ni E, J, π; calculated ^{69,71,73,75,77}Ni E, J, π. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P679
	2010HO12	RADIOACTIVITY ^{73,74,75}Co, ^{75,76,77,78}Ni, ^{76,77,78,79,80}Cu, ^{79,80,81}Zn, ^{81,82}Ga(β^-), (β^-n)[from Be(^{86}Kr, X), E=140 MeV / nucleon]; measured β spectra, βn-coin, neutron spectra, half-lives, delayed neutron-emission probabilities; calculated half-lives, P(n) using QRPA, CQRPA and OXBASH shell model. Discussed effects on various types of models for the rapid neutron-capture process (r-process) in nucleosynthesis. A=1-210; calculated abundances with classical r-process and HEW models using known decay data. ^{78}Ni(β^-); calculated Gamow-Teller strengths, effect on abundances. JOUR PRVCA 82 025806
	2010RAZY	RADIOACTIVITY ^{71,73}Co(β^-)[from ^{9}Be(^{86}Kr, X), E=140 MeV / nucleon]; measured Eγ, Iγ, Eβ, Iβ, $\gamma\gamma$-, $\beta\gamma$-, (implant ions)$\beta\gamma$-coin, half-lives using SeGA array. ^{71,73}Ni; deduced levels, J, π, logft values. Comparisons with shell-model calculations. PREPRINT Rajabali,11/7/2010
^{73}Cu	2010DA06	NUCLEAR REACTIONS Ni(^{86}Kr, X), E=60.5 MeV / nucleon; measured Eγ, Iγ, (fragment)γ-coin, and γ(t). Identification of A and Z by energy-loss, total-kinetic-energy, and time-of-flight measurements. ^{50}K, ^{60}V, ^{62,64}Mn, ^{65,67}Fe, ^{68,70}Co, ^{75}Cu, ^{78}Zn, ^{78}Ga; deduced isomers, half-lives, J, π, multipolarities. ^{69,71,73}Cu; deduced B(M1), B(E2) values. ^{75}Cu; deduced levels, J, π, and transition rates for proposed level-scheme scenarios and comparisons with shell-model calculations. ^{69,71,73,75,77,79}Cu; shell model calculations of 1 / 2-, 3 / 2- and 5 / 2- states. JOUR PRVCA 81 034304

A=73 *(continued)*

^{73}Ga	2010CH16	NUCLEAR REACTIONS U(p, X)^{67}Ga / ^{69}Ga / ^{71}Ga / ^{73}Ga / ^{75}Ga / ^{77}Ga / ^{79}Ga / ^{81}Ga, E=1.4 GeV; measured optical hfs spectra; deduced ground J, π, magnetic dipole and electric quadrupole moments, anomalous ground state spins. JOUR PRLTA 104 252502
^{73}Se	2010PAZY	NUCLEAR REACTIONS ^{74,82}Se(γ, n), (n, 2n), Eγ=27, 28, 29, 30 MeV bremsstrahlung, En=14 MeV; measured isomeric yield ratios with activation method. ^{81m,g}Se; deduced Y_m / Y_g vs Eγ. CONF St.-Petersburg,P186,Palvanov
^{73}Kr	2010ST05	NUCLEAR REACTIONS ^{40}Ca(^{40}Ca, n2pα)^{73}Kr, E=185 MeV; measured Eγ, Iγ, $\gamma\gamma$-, p$\gamma\gamma$-, n$\gamma\gamma$-, $\alpha\gamma\gamma$-coin, DCO using EUROBALL spectrometer. ^{73}Kr; deduced levels, J, π, rotational bands, moment of inertia. Comparison with band structures of ^{75}Kr and ^{77}Kr and with configuration-dependent Cranked Nilsson-Strutinsky calculations. JOUR PRVCA 81 054307

A=74

^{74}Fe	2010OH02	NUCLEAR REACTIONS Be, Pb(^{238}U, F), E=345 MeV / nucleon; measured yields of fission fragments. Z=20-56, A=52-152; measured yields. ^{71}Mn, ^{73,74}Fe, ^{76}Co, ^{79}Ni, ^{81,82}Cu, ^{84,85}Zn, ^{87}Ga, ^{90}Ge, ^{95}Se, ^{98}Br, ^{101}Kr, ^{103}Rb, ^{106,107}Sr, ^{108,109}Y, ^{111,112}Zr, ^{114,115}Nb, ^{115,116,117}Mo, ^{119,120}Tc, ^{121,122,123,124}Ru, ^{123,124,125,126}Rh, ^{127,128}Pd, ^{133}Cd, ^{138}Sn, ^{140}Sb, ^{143}Te, ^{145}I, ^{148}Xe, ^{152}Ba; measured yields and cross sections, identified new isotopes using RI beam factory at RIKEN, ΔE-TOF-Bρ method. JOUR JUPSA 79 073201
^{74}Co	2008RAZS	RADIOACTIVITY ^{71,72,73,74,75}Co(β^-)[from ^{9}Be(^{86}Kr, X), E=140 MeV / nucleon];measured E(particle), I(particle), Eγ, Iγ, Eβ, Iβ, $\beta\gamma$-coin, $\gamma\gamma$-coin. ^{71,73}Ni, ^{71,72,73}Co deduced levels, J, π. Comparison with shell model calculation with NR78 interaction. Results on CD only. CONF E.Lansing (NS2008),P167,Rajabali
	2008RAZV	RADIOACTIVITY ^{71}Co(β^-), ^{72}Co(β^-), ^{73}Co(β^-), ^{74}Co(β^-), ^{75}Co(β^-)[from ^{9}Be(^{86}Kr, x), E=140 MeV / nucleon fragmentation]; measured Eγ, Iγ, $\gamma\gamma$-coin, β-delayed neutron decay; deduced ^{71,73}Ni E, J, π; calculated ^{69,71,73,75,77}Ni E, J, π. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P679
	2010HO12	RADIOACTIVITY ^{73,74,75}Co, ^{75,76,77,78}Ni, ^{76,77,78,79,80}Cu, ^{79,80,81}Zn, ^{81,82}Ga(β^-), (β^-n)[from Be(^{86}Kr, X), E=140 MeV / nucleon]; measured β spectra, βn-coin, neutron spectra, half-lives, delayed neutron-emission probabilities; calculated half-lives, P(n) using QRPA, CQRPA and OXBASH shell model. Discussed effects on various types of models for the rapid neutron-capture process (r-process) in nucleosynthesis. A=1-210; calculated abundances with classical r-process and HEW models using known decay data. ^{78}Ni(β^-); calculated Gamow-Teller strengths, effect on abundances. JOUR PRVCA 82 025806

A=74 *(continued)*

^{74}Ni	2008RAZS	RADIOACTIVITY ^{71,72,73,74,75}Co(β^-)[from ^{9}Be(^{86}Kr, X), E=140 MeV / nucleon];measured E(particle), I(particle), Eγ, Iγ, Eβ, Iβ, $\beta\gamma$-coin, $\gamma\gamma$-coin. ^{71,73}Ni, ^{71,72,73}Co deduced levels, J, π. Comparison with shell model calculation with NR78 interaction. Results on CD only. CONF E.Lansing (NS2008),P167,Rajabali
	2008RAZV	RADIOACTIVITY ^{71}Co(β^-), ^{72}Co(β^-), ^{73}Co(β^-), ^{74}Co(β^-), ^{75}Co(β^-)[from ^{9}Be(^{86}Kr, x), E=140 MeV / nucleon fragmentation]; measured Eγ, Iγ, $\gamma\gamma$-coin, β-delayed neutron decay; deduced ^{71,73}Ni E, J, π; calculated ^{69,71,73,75,77}Ni E, J, π. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P679
	2010AO01	NUCLEAR REACTIONS ^{1}H(^{74}Ni, ^{74}Ni'), E=81 MeV / nucleon; measured Eγ, Iγ; ^{74}Ni; deduced J, π, level energy, σ, deformation length and parameter. JOUR PYLBB 692 302
	2010HO12	RADIOACTIVITY ^{73,74,75}Co, ^{75,76,77,78}Ni, ^{76,77,78,79,80}Cu, ^{79,80,81}Zn, ^{81,82}Ga(β^-), (β^-n)[from Be(^{86}Kr, X), E=140 MeV / nucleon]; measured β spectra, βn-coin, neutron spectra, half-lives, delayed neutron-emission probabilities; calculated half-lives, P(n) using QRPA, CQRPA and OXBASH shell model. Discussed effects on various types of models for the rapid neutron-capture process (r-process) in nucleosynthesis. A=1-210; calculated abundances with classical r-process and HEW models using known decay data. ^{78}Ni(β^-); calculated Gamow-Teller strengths, effect on abundances. JOUR PRVCA 82 025806
^{74}Cu	2010FL02	NUCLEAR MOMENTS ^{72}Cu, ^{74}Cu; measured resonance fluorescence spectra, hyperfine structure parameters, spins, static magnetic dipole and electric quadrupole moments of the ground states using collinear laser spectroscopy at the CERN on-Line Isotope Mass Separator (ISOLDE) facility. Comparison with shell-model calculations using the JUN45 interaction. JOUR PRVCA 82 041302
	2010HO12	RADIOACTIVITY ^{73,74,75}Co, ^{75,76,77,78}Ni, ^{76,77,78,79,80}Cu, ^{79,80,81}Zn, ^{81,82}Ga(β^-), (β^-n)[from Be(^{86}Kr, X), E=140 MeV / nucleon]; measured β spectra, βn-coin, neutron spectra, half-lives, delayed neutron-emission probabilities; calculated half-lives, P(n) using QRPA, CQRPA and OXBASH shell model. Discussed effects on various types of models for the rapid neutron-capture process (r-process) in nucleosynthesis. A=1-210; calculated abundances with classical r-process and HEW models using known decay data. ^{78}Ni(β^-); calculated Gamow-Teller strengths, effect on abundances. JOUR PRVCA 82 025806
^{74}Zn	2008AZZZ	NUCLEAR REACTIONS ^{208}Pb(^{70}Ni, ^{70}Ni'), (^{74}Zn, ^{74}Zn'), (^{76}Ge, ^{76}Ge'), E=60 MeV / nucleon; measured Eγ, Iγ, reaction products; ^{70}Ni, ^{74}Zn, ^{76}Ge; deduced level energies, J, π, σ, B(E2). CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P39,Azaiez
^{74}Ge	2009WAZW	NUCLEAR REACTIONS ^{77}Se, ^{99}Ru, ^{101}Ru, ^{123}Te(n, α), E=thermal; measured Eα, Iα; deduced E, J, π. CONF Cologne (Capture Gamma-Ray Spectroscopy) Proc,P84,Wagemans
	2010KO15	ATOMIC MASSES ^{74}Ge, ^{74}Se; measured masses using JYFLTRAP penning trap; deduced Q-value for neutrino-less 2EC decay. JOUR PYLBB 684 17

A=74 *(continued)*

	2010KO15	RADIOACTIVITY ^{74}Se(2EC); deduced Q-value for neutrino-less 2EC decay from atomic mass measurements; calculated $T_{1/2}$ and nuclear matrix elements using QRPA wave functions in a multiple-commutator model. JOUR PYLBB 684 17
	2010MO03	ATOMIC MASSES ^{74,76}Se, ^{74,76}Ge; measured cyclotron frequencies in a Penning-trap system relative to ^{84}Kr, atomic masses and systematic shifts for ion pairs. Comparisons with previous measurements and with AME-2003. JOUR PRVCA 81 032501
	2010MO03	RADIOACTIVITY ^{74}Se(2EC), ^{76}Ge($2\beta^-$); deduced Q values from measured masses. Discussed resonant enhancement for neutrinoless double-electron capture decay of ^{74}Se. JOUR PRVCA 81 032501
^{74}As	2008FAZU	RADIOACTIVITY ^{74}As[from ^{74}Ge(p, n)]; measured Eγ, Iγ; deduced intensity ratio β^--decay and β^+ / EC-decay. REPT ATOMKI 2008 Annual,P22,Farkas
	2010BA16	NUCLEAR REACTIONS ^{76}Ge, ^{74}Ge, Ge(p, X)^{67}Ge / ^{68}Ge / ^{69}Ge / ^{71}As / ^{74}As / ^{65}Zn / ^{60}Co, E=100 MeV; measured Eγ, Iγ; deduced σ. JOUR PANUE 73 1106
^{74}Se	2010KO15	ATOMIC MASSES ^{74}Ge, ^{74}Se; measured masses using JYFLTRAP penning trap; deduced Q-value for neutrino-less 2EC decay. JOUR PYLBB 684 17
	2010KO15	RADIOACTIVITY ^{74}Se(2EC); deduced Q-value for neutrino-less 2EC decay from atomic mass measurements; calculated $T_{1/2}$ and nuclear matrix elements using QRPA wave functions in a multiple-commutator model. JOUR PYLBB 684 17
	2010MO03	ATOMIC MASSES ^{74,76}Se, ^{74,76}Ge; measured cyclotron frequencies in a Penning-trap system relative to ^{84}Kr, atomic masses and systematic shifts for ion pairs. Comparisons with previous measurements and with AME-2003. JOUR PRVCA 81 032501
	2010MO03	RADIOACTIVITY ^{74}Se(2EC), ^{76}Ge($2\beta^-$); deduced Q values from measured masses. Discussed resonant enhancement for neutrinoless double-electron capture decay of ^{74}Se. JOUR PRVCA 81 032501
^{74}Br	2010SP05	NUCLEAR REACTIONS ^{77,78,80}Se(p, n), (p, 2n), (p, 4n)^{77}Br, ^{80}Se(p, n), E=21-85 MeV; measured Eγ, Iγ; deduced σ and their uncertainties, integral yields. JOUR RAACA 98 749
^{74}Rb	2008SVZX	RADIOACTIVITY ^{62}Ga; measured Iβ, Eγ, Iγ, $\beta\gamma$-coin, $\gamma\gamma$-coin; deduced $T_{1/2}$, log ft, branching ratio; calculated isospin symmetry breaking using shell model; ^{26}Na(β^-); measured Iβ(t), Iγ(t); deduced $T_{1/2}$; ^{18}Ne; measured Eγ, Iγ, Iβ(t), $\beta\gamma$-coin, $\gamma\gamma$-coin; deduced $T_{1/2}$; ^{38}K; measured Iβ(t); deduced isomer decay, $T_{1/2}$, M3 branching ratio, log ft; ^{74}Rb; measured decay products; deduced $T_{1/2}$, branching ratio, log ft. Results on CD only. CONF E.Lansing (NS2008),P19,Svensson

A=75

^{75}Co	2008RAZS	RADIOACTIVITY ^{71,72,73,74,75}Co(β^-)[from ^{9}Be(^{86}Kr, X), E=140 MeV / nucleon];measured E(particle), I(particle), Eγ, Iγ, Eβ, Iβ, $\beta\gamma$-coin, $\gamma\gamma$-coin. ^{71,73}Ni, ^{71,72,73}Co deduced levels, J, π. Comparison with shell model calculation with NR78 interaction. Results on CD only. CONF E.Lansing (NS2008),P167,Rajabali
	2008RAZV	RADIOACTIVITY ^{71}Co(β^-), ^{72}Co(β^-), ^{73}Co(β^-), ^{74}Co(β^-), ^{75}Co(β^-)[from ^{9}Be(^{86}Kr, x), E=140 MeV / nucleon fragmentation]; measured Eγ, Iγ, $\gamma\gamma$-coin, β-delayed neutron decay; deduced ^{71,73}Ni E, J, π; calculated ^{69,71,73,75,77}Ni E, J, π. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P679
	2010HO12	RADIOACTIVITY ^{73,74,75}Co, ^{75,76,77,78}Ni, ^{76,77,78,79,80}Cu, ^{79,80,81}Zn, ^{81,82}Ga(β^-), (β^-n)[from Be(^{86}Kr, X), E=140 MeV / nucleon]; measured β spectra, βn-coin, neutron spectra, half-lives, delayed neutron-emission probabilities; calculated half-lives, P(n) using QRPA, CQRPA and OXBASH shell model. Discussed effects on various types of models for the rapid neutron-capture process (r-process) in nucleosynthesis. A=1-210; calculated abundances with classical r-process and HEW models using known decay data. ^{78}Ni(β^-); calculated Gamow-Teller strengths, effect on abundances. JOUR PRVCA 82 025806
^{75}Ni	2008RAZS	RADIOACTIVITY ^{71,72,73,74,75}Co(β^-)[from ^{9}Be(^{86}Kr, X), E=140 MeV / nucleon];measured E(particle), I(particle), Eγ, Iγ, Eβ, Iβ, $\beta\gamma$-coin, $\gamma\gamma$-coin. ^{71,73}Ni, ^{71,72,73}Co deduced levels, J, π. Comparison with shell model calculation with NR78 interaction. Results on CD only. CONF E.Lansing (NS2008),P167,Rajabali
	2008RAZV	RADIOACTIVITY ^{71}Co(β^-), ^{72}Co(β^-), ^{73}Co(β^-), ^{74}Co(β^-), ^{75}Co(β^-)[from ^{9}Be(^{86}Kr, x), E=140 MeV / nucleon fragmentation]; measured Eγ, Iγ, $\gamma\gamma$-coin, β-delayed neutron decay; deduced ^{71,73}Ni E, J, π; calculated ^{69,71,73,75,77}Ni E, J, π. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P679
	2010HO12	RADIOACTIVITY ^{73,74,75}Co, ^{75,76,77,78}Ni, ^{76,77,78,79,80}Cu, ^{79,80,81}Zn, ^{81,82}Ga(β^-), (β^-n)[from Be(^{86}Kr, X), E=140 MeV / nucleon]; measured β spectra, βn-coin, neutron spectra, half-lives, delayed neutron-emission probabilities; calculated half-lives, P(n) using QRPA, CQRPA and OXBASH shell model. Discussed effects on various types of models for the rapid neutron-capture process (r-process) in nucleosynthesis. A=1-210; calculated abundances with classical r-process and HEW models using known decay data. ^{78}Ni(β^-); calculated Gamow-Teller strengths, effect on abundances. JOUR PRVCA 82 025806

A=75 *(continued)*

^{75}Cu	2010DA06	NUCLEAR REACTIONS Ni(^{86}Kr, X), E=60.5 MeV / nucleon; measured Eγ, Iγ, (fragment)γ-coin, and γ(t). Identification of A and Z by energy-loss, total-kinetic-energy, and time-of-flight measurements. ^{50}K, ^{60}V, ^{62,64}Mn, ^{65,67}Fe, ^{68,70}Co, ^{75}Cu, ^{78}Zn, ^{78}Ga; deduced isomers, half-lives, J, π, multipolarities. ^{69,71,73}Cu; deduced B(M1), B(E2) values. ^{75}Cu; deduced levels, J, π, and transition rates for proposed level-scheme scenarios and comparisons with shell-model calculations. ^{69,71,73,75,77,79}Cu; shell model calculations of 1 / 2-, 3 / 2- and 5 / 2- states. JOUR PRVCA 81 034304
	2010HO12	RADIOACTIVITY ^{73,74,75}Co, ^{75,76,77,78}Ni, ^{76,77,78,79,80}Cu, ^{79,80,81}Zn, ^{81,82}Ga(β^-), (β^-n)[from Be(^{86}Kr, X), E=140 MeV / nucleon]; measured β spectra, βn-coin, neutron spectra, half-lives, delayed neutron-emission probabilities; calculated half-lives, P(n) using QRPA, CQRPA and OXBASH shell model. Discussed effects on various types of models for the rapid neutron-capture process (r-process) in nucleosynthesis. A=1-210; calculated abundances with classical r-process and HEW models using known decay data. ^{78}Ni(β^-); calculated Gamow-Teller strengths, effect on abundances. JOUR PRVCA 82 025806
^{75}Zn	2010HO12	RADIOACTIVITY ^{73,74,75}Co, ^{75,76,77,78}Ni, ^{76,77,78,79,80}Cu, ^{79,80,81}Zn, ^{81,82}Ga(β^-), (β^-n)[from Be(^{86}Kr, X), E=140 MeV / nucleon]; measured β spectra, βn-coin, neutron spectra, half-lives, delayed neutron-emission probabilities; calculated half-lives, P(n) using QRPA, CQRPA and OXBASH shell model. Discussed effects on various types of models for the rapid neutron-capture process (r-process) in nucleosynthesis. A=1-210; calculated abundances with classical r-process and HEW models using known decay data. ^{78}Ni(β^-); calculated Gamow-Teller strengths, effect on abundances. JOUR PRVCA 82 025806
^{75}Ga	2010CH16	NUCLEAR REACTIONS U(p, X)^{67}Ga / ^{69}Ga / ^{71}Ga / ^{73}Ga / ^{75}Ga / ^{77}Ga / ^{79}Ga / ^{81}Ga, E=1.4 GeV; measured optical hfs spectra; deduced ground J, π, magnetic dipole and electric quadrupole moments, anomalous ground state spins. JOUR PRLTA 104 252502
^{75}Ge	2008VLZZ	NUCLEAR REACTIONS ^{72,74}Ge(n, α), E=9.6, 10.6, 11.1, 11.4 MeV; ^{76}Ge(n, 2n), E=9.6, 10.6, 11.1, 11.4 MeV; measured Eγ, Iγ; deduced σ isomer, σ ground state; calculated σ isomer, σ ground state using EMPIRE; ^{191}Ir(n, 2n), E=10.0, 10.5, 11.0, 11.3 MeV; measured Eγ, Iγ(t); deduced σ isomer, σ ground state; calculated σ isomer, σ ground state using STAPRE-F. Compared to other data. CONF Nice (Nucl Data for Sci and Technol) Proc,P471
	2009VLZZ	NUCLEAR REACTIONS ^{72,74}Ge(n, α), E=9.6-11.4 MeV; ^{76}Ge(n, 2n), E=9.6-11.4 MeV; measured ^{69,71}Zn, ^{75}Ge Eγ, Iγ, isomeric transition; deduced σ(g), σ(m); calculated σ(g), σ(m) using EMPIRE-II code; analyzed influence of pre-equilibrium. Compared to available data. CONF Cologne (Capture Gamma-Ray Spectroscopy) Proc,P627,Vlastou
	2010ME01	NUCLEAR REACTIONS ^{74}Ge(n, γ)^{75}Ge / ^{75m}Ge, E=thermal; measured Eγ, Iγ, σ using activation method and cold neutrons. Comparison with previous results. JOUR PRVCA 81 027603

A=75 *(continued)*

^{75}As	2009HAZX	NUCLEAR REACTIONS ^{74}Ge(p, γ), E=2-3 MeV; measured Eγ, Iγ using HPGe detectors of HORUS γ array. Further evaluation in progress. CONF Cologne (Capture Gamma-Ray Spectroscopy) Proc,P298,Hasper
^{75}Se	2009IGZZ	NUCLEAR REACTIONS ^{74,77}Se(n, γ), E=15-100keV; measured Eγ, Iγ; deduced σ, dσ(Eγ). Compared to other measurements and to JENDL-3.3, ENDF / B-VII.0 and ENDF / B-VI.8. CONF Cologne (Capture Gamma-Ray Spectroscopy) Proc,P376,Igashira
^{75}Br	2010SP05	NUCLEAR REACTIONS ^{77,78,80}Se(p, n), (p, 2n), (p, 4n)^{77}Br, ^{80}Se(p, n), E=21-85 MeV; measured Eγ, Iγ; deduced σ and their uncertainties, integral yields. JOUR RAACA 98 749
^{75}Kr	2010TR05	NUCLEAR REACTIONS ^{50}Cr(^{28}Si, n2p), E=90 MeV; measured Eγ, I$\gamma(\theta$, t); deduced $T_{1/2}$, transitional quadrupole moment. Comparison with nearby nuclei. JOUR NUPAB 834 72c

A=76

^{76}Co	2010OH02	NUCLEAR REACTIONS Be, Pb(^{238}U, F), E=345 MeV / nucleon; measured yields of fission fragments. Z=20-56, A=52-152; measured yields. ^{71}Mn, ^{73,74}Fe, ^{76}Co, ^{79}Ni, ^{81,82}Cu, ^{84,85}Zn, ^{87}Ga, ^{90}Ge, ^{95}Se, ^{98}Br, ^{101}Kr, ^{103}Rb, ^{106,107}Sr, ^{108,109}Y, ^{111,112}Zr, ^{114,115}Nb, ^{115,116,117}Mo, ^{119,120}Tc, ^{121,122,123,124}Ru, ^{123,124,125,126}Rh, ^{127,128}Pd, ^{133}Cd, ^{138}Sn, ^{140}Sb, ^{143}Te, ^{145}I, ^{148}Xe, ^{152}Ba; measured yields and cross sections, identified new isotopes using RI beam factory at RIKEN, ΔE-TOF-Bρ method. JOUR JUPSA 79 073201
^{76}Ni	2010HO12	RADIOACTIVITY ^{73,74,75}Co, ^{75,76,77,78}Ni, ^{76,77,78,79,80}Cu, ^{79,80,81}Zn, ^{81,82}Ga(β^-), (β^-n)[from Be(^{86}Kr, X), E=140 MeV / nucleon]; measured β spectra, βn-coin, neutron spectra, half-lives, delayed neutron-emission probabilities; calculated half-lives, P(n) using QRPA, CQRPA and OXBASH shell model. Discussed effects on various types of models for the rapid neutron-capture process (r-process) in nucleosynthesis. A=1-210; calculated abundances with classical r-process and HEW models using known decay data. ^{78}Ni(β^-); calculated Gamow-Teller strengths, effect on abundances. JOUR PRVCA 82 025806
^{76}Cu	2008ILZZ	RADIOACTIVITY ^{76}Cu(β^-), ^{76}Cu(β^-), ^{77}Cu(β^-), ^{78}Cu(β^-), ^{79}Cu(β^-)[from U(p, f)]; measured A(particle), Z(particle), Eγ, Iγ; deduced ^{76,77,78,79}Zn E, J, π. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P687
	2008WIZO	RADIOACTIVITY ^{76,77,78,79}Cu, ^{83,84,85}Ga(β^-); measured Eγ, Iγ, β-delayed neutron decay, (particle)γ-coin; deduced branching ratio. ^{76,77,78}Zn, ^{82,83}Ge deduced levels, J, π. A=82, 83, 84 deduced chain branching ratio. Results on CD only. CONF E.Lansing (NS2008),P194,Winger

A=76 *(continued)*

	2010HO12	RADIOACTIVITY ^{73,74,75}Co, ^{75,76,77,78}Ni, ^{76,77,78,79,80}Cu, ^{79,80,81}Zn, ^{81,82}Ga(β^-), (β^-n)[from Be(^{86}Kr, X), E=140 MeV / nucleon]; measured β spectra, βn-coin, neutron spectra, half-lives, delayed neutron-emission probabilities; calculated half-lives, P(n) using QRPA, CQRPA and OXBASH shell model. Discussed effects on various types of models for the rapid neutron-capture process (r-process) in nucleosynthesis. A=1-210; calculated abundances with classical r-process and HEW models using known decay data. ^{78}Ni(β^-); calculated Gamow-Teller strengths, effect on abundances. JOUR PRVCA 82 025806
^{76}Zn	2008ILZZ	RADIOACTIVITY ^{76}Cu(β^-), ^{76}Cu(β^-), ^{77}Cu(β^-), ^{78}Cu(β^-), ^{79}Cu(β^-)[from U(p, f)]; measured A(particle), Z(particle), Eγ, Iγ; deduced ^{76,77,78,79}Zn E, J, π. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P687
	2008WIZO	RADIOACTIVITY ^{76,77,78,79}Cu, ^{83,84,85}Ga(β^-); measured Eγ, Iγ, β-delayed neutron decay, (particle)γ-coin; deduced branching ratio. ^{76,77,78}Zn, ^{82,83}Ge deduced levels, J, π. A=82, 83, 84 deduced chain branching ratio. Results on CD only. CONF E.Lansing (NS2008),P194,Winger
	2009IL01	RADIOACTIVITY ^{77}Cu(β^-), (β^-n)[from U(p, X), E not given]; measured Eγ, Iγ, β-spectra, $\gamma\gamma$-, $\beta\gamma$-coin, half-lives. Isobarically purified ^{77}Cu beams of 200 keV and 225 MeV obtained at the Holifield Radioactive Ion Beam Facility. ^{77m}Zn(IT); measured Eγ, half-life and decay branches. ^{76,77}Zn, ^{76,77}Ga, ^{77}Ge(β^-); measured Eγ. ^{76,77}Zn; deduced levels, J, π, and half-life. Comparison with ^{73}Cu to ^{73}Zn decay. JOUR PRVCA 80 054304
	2010HO12	RADIOACTIVITY ^{73,74,75}Co, ^{75,76,77,78}Ni, ^{76,77,78,79,80}Cu, ^{79,80,81}Zn, ^{81,82}Ga(β^-), (β^-n)[from Be(^{86}Kr, X), E=140 MeV / nucleon]; measured β spectra, βn-coin, neutron spectra, half-lives, delayed neutron-emission probabilities; calculated half-lives, P(n) using QRPA, CQRPA and OXBASH shell model. Discussed effects on various types of models for the rapid neutron-capture process (r-process) in nucleosynthesis. A=1-210; calculated abundances with classical r-process and HEW models using known decay data. ^{78}Ni(β^-); calculated Gamow-Teller strengths, effect on abundances. JOUR PRVCA 82 025806
^{76}Ga	2009IL01	RADIOACTIVITY ^{77}Cu(β^-), (β^-n)[from U(p, X), E not given]; measured Eγ, Iγ, β-spectra, $\gamma\gamma$-, $\beta\gamma$-coin, half-lives. Isobarically purified ^{77}Cu beams of 200 keV and 225 MeV obtained at the Holifield Radioactive Ion Beam Facility. ^{77m}Zn(IT); measured Eγ, half-life and decay branches. ^{76,77}Zn, ^{76,77}Ga, ^{77}Ge(β^-); measured Eγ. ^{76,77}Zn; deduced levels, J, π, and half-life. Comparison with ^{73}Cu to ^{73}Zn decay. JOUR PRVCA 80 054304
^{76}Ge	2008AZZZ	NUCLEAR REACTIONS ^{208}Pb(^{70}Ni, ^{70}Ni'), (^{74}Zn, ^{74}Zn'), (^{76}Ge, ^{76}Ge'), E=60 MeV / nucleon; measured Eγ, Iγ, reaction products; ^{70}Ni, ^{74}Zn, ^{76}Ge; deduced level energies, J, π, σ, B(E2). CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P39,Azaiez

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

	2008CHZL	RADIOACTIVITY ^{76}Ge($2\beta^-$);^{36}Ar(2EC); measured Eγ, Iγ, electron spectrum; deduced $2\beta(0\nu)$-decay $T_{1/2}$. Heidelberg-Moscow and Gerda experiments. PREPRINT arXiv:0812.1206v1 [nucl-ex]
	2008STZT	RADIOACTIVITY ^{98}Mo, ^{72,76}Ge; measured Eγ, Iγ, $\gamma\gamma$-coin; deduced attenuation, g-factor. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P379
	2009IL01	RADIOACTIVITY ^{77}Cu(β^-), (β^-n)[from U(p, X), E not given]; measured Eγ, Iγ, β-spectra, $\gamma\gamma$-, $\beta\gamma$-coin, half-lives. Isobarically purified ^{77}Cu beams of 200 keV and 225 MeV obtained at the Holifield Radioactive Ion Beam Facility. ^{77m}Zn(IT); measured Eγ, half-life and decay branches. ^{76,77}Zn, ^{76,77}Ga, ^{77}Ge(β^-); measured Eγ. ^{76,77}Zn; deduced levels, J, π, and half-life. Comparison with ^{73}Cu to ^{73}Zn decay. JOUR PRVCA 80 054304
	2010MO03	ATOMIC MASSES ^{74,76}Se, ^{74,76}Ge; measured cyclotron frequencies in a Penning-trap system relative to ^{84}Kr, atomic masses and systematic shifts for ion pairs. Comparisons with previous measurements and with AME-2003. JOUR PRVCA 81 032501
	2010MO03	RADIOACTIVITY ^{74}Se(2EC), ^{76}Ge($2\beta^-$); deduced Q values from measured masses. Discussed resonant enhancement for neutrinoless double-electron capture decay of ^{74}Se. JOUR PRVCA 81 032501
^{76}Se	2008CHZL	RADIOACTIVITY ^{76}Ge($2\beta^-$);^{36}Ar(2EC); measured Eγ, Iγ, electron spectrum; deduced $2\beta(0\nu)$-decay $T_{1/2}$. Heidelberg-Moscow and Gerda experiments. PREPRINT arXiv:0812.1206v1 [nucl-ex]
	2010MO03	ATOMIC MASSES ^{74,76}Se, ^{74,76}Ge; measured cyclotron frequencies in a Penning-trap system relative to ^{84}Kr, atomic masses and systematic shifts for ion pairs. Comparisons with previous measurements and with AME-2003. JOUR PRVCA 81 032501
	2010MO03	RADIOACTIVITY ^{74}Se(2EC), ^{76}Ge($2\beta^-$); deduced Q values from measured masses. Discussed resonant enhancement for neutrinoless double-electron capture decay of ^{74}Se. JOUR PRVCA 81 032501
^{76}Br	2010SP05	NUCLEAR REACTIONS ^{77,78,80}Se(p, n), (p, 2n), (p, 4n)^{77}Br, ^{80}Se(p, n), E=21-85 MeV; measured Eγ, Iγ; deduced σ and their uncertainties, integral yields. JOUR RAACA 98 749
^{76}Kr	2008TAZI	NUCLEAR REACTIONS Pb(p, x), E=1, 1.4 GeV; Bi(p, x), E=1, 1.4 GeV; measured Eγ, Iγ, A(particle) using melted thick target at ISOLDE facility; ^{76,77,79,85,87,88,89,90}Kr, ^{111}Cd, ^{121,124,126}I, ^{120,121,122,123,125,127,129,131,133}Xe, ^{184,186,188,190,192,193,195,197,203,205,206}Hg, ^{204,205,206,207,208,209,210}At; deduced thick target yields temperature dependence 250-600 centigrade; calculated using FLUKA, MCNPX with INCL4 / ABLA. CONF Nice (Nucl Data for Sci and Technol) Proc,P1069
^{76}Sr	2010SC21	NUCLEAR REACTIONS ^{40}Ca(^{40}Ca, α), E=50 MeV / nucleon; measured Eα, Iα, σ, $\sigma(\theta)$. ^{36}Ar; deduced missing energy spectrum, levels, J, π. Comparison of $\sigma(\theta)$ with calculations using time-dependent Schroedinger equation (TDSE). JOUR PRVCA 82 031301

A=77

^{77}Ni	2010HO12	RADIOACTIVITY ^{73,74,75}Co, ^{75,76,77,78}Ni, ^{76,77,78,79,80}Cu, ^{79,80,81}Zn, ^{81,82}Ga(β^-), (β^-n)[from Be(^{86}Kr, X), E=140 MeV / nucleon]; measured β spectra, βn-coin, neutron spectra, half-lives, delayed neutron-emission probabilities; calculated half-lives, P(n) using QRPA, CQRPA and OXBASH shell model. Discussed effects on various types of models for the rapid neutron-capture process (r-process) in nucleosynthesis. A=1-210; calculated abundances with classical r-process and HEW models using known decay data. ^{78}Ni(β^-); calculated Gamow-Teller strengths, effect on abundances. JOUR PRVCA 82 025806
^{77}Cu	2008ILZZ	RADIOACTIVITY ^{76}Cu(β^-), ^{76}Cu(β^-), ^{77}Cu(β^-), ^{78}Cu(β^-), ^{79}Cu(β^-)[from U(p, f)]; measured A(particle), Z(particle), Eγ, Iγ; deduced ^{76,77,78,79}Zn E, J, π. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P687
	2008WIZO	RADIOACTIVITY ^{76,77,78,79}Cu, ^{83,84,85}Ga(β^-); measured Eγ, Iγ, β-delayed neutron decay, (particle)γ-coin; deduced branching ratio. ^{76,77,78}Zn, ^{82,83}Ge deduced levels, J, π. A=82, 83, 84 deduced chain branching ratio. Results on CD only. CONF E.Lansing (NS2008),P194,Winger
	2009IL01	RADIOACTIVITY ^{77}Cu(β^-), (β^-n)[from U(p, X), E not given]; measured Eγ, Iγ, β-spectra, $\gamma\gamma$-, $\beta\gamma$-coin, half-lives. Isobarically purified ^{77}Cu beams of 200 keV and 225 MeV obtained at the Holifield Radioactive Ion Beam Facility. ^{77m}Zn(IT); measured Eγ, half-life and decay branches. ^{76,77}Zn, ^{76,77}Ga, ^{77}Ge(β^-); measured Eγ. ^{76,77}Zn; deduced levels, J, π, and half-life. Comparison with ^{73}Cu to ^{73}Zn decay. JOUR PRVCA 80 054304
	2010DA06	NUCLEAR REACTIONS Ni(^{86}Kr, X), E=60.5 MeV / nucleon; measured Eγ, Iγ, (fragment)γ-coin, and γ(t). Identification of A and Z by energy-loss, total-kinetic-energy, and time-of-flight measurements. ^{50}K, ^{60}V, ^{62,64}Mn, ^{65,67}Fe, ^{68,70}Co, ^{75}Cu, ^{78}Zn, ^{78}Ga; deduced isomers, half-lives, J, π, multipolarities. ^{69,71,73}Cu; deduced B(M1), B(E2) values. ^{75}Cu; deduced levels, J, π, and transition rates for proposed level-scheme scenarios and comparisons with shell-model calculations. ^{69,71,73,75,77,79}Cu; shell model calculations of 1 / 2-, 3 / 2- and 5 / 2- states. JOUR PRVCA 81 034304
	2010HO12	RADIOACTIVITY ^{73,74,75}Co, ^{75,76,77,78}Ni, ^{76,77,78,79,80}Cu, ^{79,80,81}Zn, ^{81,82}Ga(β^-), (β^-n)[from Be(^{86}Kr, X), E=140 MeV / nucleon]; measured β spectra, βn-coin, neutron spectra, half-lives, delayed neutron-emission probabilities; calculated half-lives, P(n) using QRPA, CQRPA and OXBASH shell model. Discussed effects on various types of models for the rapid neutron-capture process (r-process) in nucleosynthesis. A=1-210; calculated abundances with classical r-process and HEW models using known decay data. ^{78}Ni(β^-); calculated Gamow-Teller strengths, effect on abundances. JOUR PRVCA 82 025806

A=77 *(continued)*

^{77}Zn	2008ILZZ	RADIOACTIVITY ^{76}Cu(β^-), ^{76}Cu(β^-), ^{77}Cu(β^-), ^{78}Cu(β^-), ^{79}Cu(β^-)[from U(p, f)]; measured A(particle), Z(particle), Eγ, Iγ; deduced ^{76,77,78,79}Zn E, J, π. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P687
	2008WIZO	RADIOACTIVITY ^{76,77,78,79}Cu, ^{83,84,85}Ga(β^-); measured Eγ, Iγ, β-delayed neutron decay, (particle)γ-coin; deduced branching ratio. ^{76,77,78}Zn, ^{82,83}Ge deduced levels, J, π. A=82, 83, 84 deduced chain branching ratio. Results on CD only. CONF E.Lansing (NS2008),P194,Winger
	2009IL01	RADIOACTIVITY ^{77}Cu(β^-), (β^-n)[from U(p, X), E not given]; measured Eγ, Iγ, β-spectra, $\gamma\gamma$-, $\beta\gamma$-coin, half-lives. Isobarically purified ^{77}Cu beams of 200 keV and 225 MeV obtained at the Holifield Radioactive Ion Beam Facility. ^{77m}Zn(IT); measured Eγ, half-life and decay branches. ^{76,77}Zn, ^{76,77}Ga, ^{77}Ge(β^-); measured Eγ. ^{76,77}Zn; deduced levels, J, π, and half-life. Comparison with ^{73}Cu to ^{73}Zn decay. JOUR PRVCA 80 054304
	2010HO12	RADIOACTIVITY ^{73,74,75}Co, ^{75,76,77,78}Ni, ^{76,77,78,79,80}Cu, ^{79,80,81}Zn, ^{81,82}Ga(β^-), (β^-n)[from Be(^{86}Kr, X), E=140 MeV / nucleon]; measured β spectra, βn-coin, neutron spectra, half-lives, delayed neutron-emission probabilities; calculated half-lives, P(n) using QRPA, CQRPA and OXBASH shell model. Discussed effects on various types of models for the rapid neutron-capture process (r-process) in nucleosynthesis. A=1-210; calculated abundances with classical r-process and HEW models using known decay data. ^{78}Ni(β^-); calculated Gamow-Teller strengths, effect on abundances. JOUR PRVCA 82 025806
^{77}Ga	2009IL01	RADIOACTIVITY ^{77}Cu(β^-), (β^-n)[from U(p, X), E not given]; measured Eγ, Iγ, β-spectra, $\gamma\gamma$-, $\beta\gamma$-coin, half-lives. Isobarically purified ^{77}Cu beams of 200 keV and 225 MeV obtained at the Holifield Radioactive Ion Beam Facility. ^{77m}Zn(IT); measured Eγ, half-life and decay branches. ^{76,77}Zn, ^{76,77}Ga, ^{77}Ge(β^-); measured Eγ. ^{76,77}Zn; deduced levels, J, π, and half-life. Comparison with ^{73}Cu to ^{73}Zn decay. JOUR PRVCA 80 054304
	2010CH16	NUCLEAR REACTIONS U(p, X)^{67}Ga / ^{69}Ga / ^{71}Ga / ^{73}Ga / ^{75}Ga / ^{77}Ga / ^{79}Ga / ^{81}Ga, E=1.4 GeV; measured optical hfs spectra; deduced ground J, π, magnetic dipole and electric quadrupole moments, anomalous ground state spins. JOUR PRLTA 104 252502
^{77}Ge	2009IL01	RADIOACTIVITY ^{77}Cu(β^-), (β^-n)[from U(p, X), E not given]; measured Eγ, Iγ, β-spectra, $\gamma\gamma$-, $\beta\gamma$-coin, half-lives. Isobarically purified ^{77}Cu beams of 200 keV and 225 MeV obtained at the Holifield Radioactive Ion Beam Facility. ^{77m}Zn(IT); measured Eγ, half-life and decay branches. ^{76,77}Zn, ^{76,77}Ga, ^{77}Ge(β^-); measured Eγ. ^{76,77}Zn; deduced levels, J, π, and half-life. Comparison with ^{73}Cu to ^{73}Zn decay. JOUR PRVCA 80 054304
	2009MEZW	NUCLEAR REACTIONS ^{76}Ge(n, γ), E$\approx$1.83 meV; measured Eγ, Iγ; deduced ^{77}Ge ground-state σ, isomer σ, isomeric ratio. GERDA facility. CONF Cologne (Capture Gamma-Ray Spectroscopy) Proc,P559,Meierhofer

A=77 *(continued)*

	2010DE01	NUCLEAR REACTIONS ^{232}Th(γ, F)^{77}Ge / ^{82}Br / ^{85}Kr / ^{85}Sr / ^{85}Y / ^{87}Kr / ^{87}Sr / ^{87}Y / ^{88}Kr / ^{91}Sr / ^{91}Y / ^{92}Sr / ^{92}Y / ^{93}Y / ^{93}Mo / ^{93}Tc / ^{95}Zr / ^{95}Nb / ^{95}Tc / ^{96}Nb / ^{97}Zr / ^{97}Nb / ^{99}Mo / ^{99}Tc / ^{99}Rh / ^{101}Tc / ^{101}Rh / ^{103}Ru / ^{105}Ru / ^{105}Rh / ^{109}In / ^{111}Pd / ^{111}Ag / ^{112}Pd / ^{112}Ag / ^{113}Ag / ^{115}Ag / ^{115}Cd / ^{117}Cd / ^{117}In, E=50, 3500 MeV; measured Eγ, Iγ; deduced yield of fission fragments, symmetric contribution high-energy fission component. JOUR PANUE 73 24
^{77}As	2009IL01	RADIOACTIVITY ^{77}Cu(β^-), (β^-n)[from U(p, X), E not given]; measured Eγ, Iγ, β-spectra, $\gamma\gamma$-, $\beta\gamma$-coin, half-lives. Isobarically purified ^{77}Cu beams of 200 keV and 225 MeV obtained at the Holifield Radioactive Ion Beam Facility. ^{77m}Zn(IT); measured Eγ, half-life and decay branches. ^{76,77}Zn, ^{76,77}Ga, ^{77}Ge(β^-); measured Eγ. ^{76,77}Zn; deduced levels, J, π, and half-life. Comparison with ^{73}Cu to ^{73}Zn decay. JOUR PRVCA 80 054304
^{77}Br	2010SP05	NUCLEAR REACTIONS ^{77,78,80}Se(p, n), (p, 2n), (p, 4n)^{77}Br, ^{80}Se(p, n), E=21-85 MeV; measured Eγ, Iγ; deduced σ and their uncertainties, integral yields. JOUR RAACA 98 749
^{77}Kr	2008TAZI	NUCLEAR REACTIONS Pb(p, x), E=1, 1.4 GeV; Bi(p, x), E=1, 1.4 GeV; measured Eγ, Iγ, A(particle) using melted thick target at ISOLDE facility; ^{76,77,79,85,87,88,89,90}Kr, ^{111}Cd, ^{121,124,126}I, ^{120,121,122,123,125,127,129,131,133}Xe, ^{184,186,188,190,192,193,195,197,203,205,206}Hg, ^{204,205,206,207,208,209,210}At; deduced thick target yields temperature dependence 250-600 centigrade; calculated using FLUKA, MCNPX with INCL4 / ABLA. CONF Nice (Nucl Data for Sci and Technol) Proc,P1069

A=78

^{78}Ni	2010HO12	RADIOACTIVITY ^{73,74,75}Co, ^{75,76,77,78}Ni, ^{76,77,78,79,80}Cu, ^{79,80,81}Zn, ^{81,82}Ga(β^-), (β^-n)[from Be(^{86}Kr, X), E=140 MeV / nucleon]; measured β spectra, βn-coin, neutron spectra, half-lives, delayed neutron-emission probabilities; calculated half-lives, P(n) using QRPA, CQRPA and OXBASH shell model. Discussed effects on various types of models for the rapid neutron-capture process (r-process) in nucleosynthesis. A=1-210; calculated abundances with classical r-process and HEW models using known decay data. ^{78}Ni(β^-); calculated Gamow-Teller strengths, effect on abundances. JOUR PRVCA 82 025806
^{78}Cu	2008ILZZ	RADIOACTIVITY ^{76}Cu(β^-), ^{76}Cu(β^-), ^{77}Cu(β^-), ^{78}Cu(β^-), ^{79}Cu(β^-)[from U(p, f)]; measured A(particle), Z(particle), Eγ, Iγ; deduced ^{76,77,78,79}Zn E, J, π. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P687
	2008WIZO	RADIOACTIVITY ^{76,77,78,79}Cu, ^{83,84,85}Ga(β^-); measured Eγ, Iγ, β-delayed neutron decay, (particle)γ-coin; deduced branching ratio. ^{76,77,78}Zn, ^{82,83}Ge deduced levels, J, π. A=82, 83, 84 deduced chain branching ratio. Results on CD only. CONF E.Lansing (NS2008),P194,Winger

A=78 *(continued)*

	2010HO12	RADIOACTIVITY ^{73,74,75}Co, ^{75,76,77,78}Ni, ^{76,77,78,79,80}Cu, ^{79,80,81}Zn, ^{81,82}Ga(β^-), (β^-n)[from Be(^{86}Kr, X), E=140 MeV / nucleon]; measured β spectra, βn-coin, neutron spectra, half-lives, delayed neutron-emission probabilities; calculated half-lives, P(n) using QRPA, CQRPA and OXBASH shell model. Discussed effects on various types of models for the rapid neutron-capture process (r-process) in nucleosynthesis. A=1-210; calculated abundances with classical r-process and HEW models using known decay data. ^{78}Ni(β^-); calculated Gamow-Teller strengths, effect on abundances. JOUR PRVCA 82 025806
^{78}Zn	2008ILZZ	RADIOACTIVITY ^{76}Cu(β^-), ^{76}Cu(β^-), ^{77}Cu(β^-), ^{78}Cu(β^-), ^{79}Cu(β^-)[from U(p, f)]; measured A(particle), Z(particle), Eγ, Iγ; deduced ^{76,77,78,79}Zn E, J, π. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P687
	2008WIZO	RADIOACTIVITY ^{76,77,78,79}Cu, ^{83,84,85}Ga(β^-); measured Eγ, Iγ, β-delayed neutron decay, (particle)γ-coin; deduced branching ratio. ^{76,77,78}Zn, ^{82,83}Ge deduced levels, J, π. A=82, 83, 84 deduced chain branching ratio. Results on CD only. CONF E.Lansing (NS2008),P194,Winger
	2010DA06	NUCLEAR REACTIONS Ni(^{86}Kr, X), E=60.5 MeV / nucleon; measured Eγ, Iγ, (fragment)γ-coin, and γ(t). Identification of A and Z by energy-loss, total-kinetic-energy, and time-of-flight measurements. ^{50}K, ^{60}V, ^{62,64}Mn, ^{65,67}Fe, ^{68,70}Co, ^{75}Cu, ^{78}Zn, ^{78}Ga; deduced isomers, half-lives, J, π, multipolarities. ^{69,71,73}Cu; deduced B(M1), B(E2) values. ^{75}Cu; deduced levels, J, π, and transition rates for proposed level-scheme scenarios and comparisons with shell-model calculations. ^{69,71,73,75,77,79}Cu; shell model calculations of 1 / 2-, 3 / 2- and 5 / 2- states. JOUR PRVCA 81 034304
	2010HO12	RADIOACTIVITY ^{73,74,75}Co, ^{75,76,77,78}Ni, ^{76,77,78,79,80}Cu, ^{79,80,81}Zn, ^{81,82}Ga(β^-), (β^-n)[from Be(^{86}Kr, X), E=140 MeV / nucleon]; measured β spectra, βn-coin, neutron spectra, half-lives, delayed neutron-emission probabilities; calculated half-lives, P(n) using QRPA, CQRPA and OXBASH shell model. Discussed effects on various types of models for the rapid neutron-capture process (r-process) in nucleosynthesis. A=1-210; calculated abundances with classical r-process and HEW models using known decay data. ^{78}Ni(β^-); calculated Gamow-Teller strengths, effect on abundances. JOUR PRVCA 82 025806
^{78}Ga	2008FOZS	NUCLEAR REACTIONS ^{9}Be(^{238}U, X), E=80 MeV / nucleon; measured thick target E(particle), I(particle), A(particle), Z(particle), Eγ, Iγ, (particle)γ-coin. ^{60}Mn, ^{78}Ga, ^{82}Ga, ^{92}Br, ^{95}Rb, ^{98}Rb, ^{92}Y, ^{101}Y, ^{112}Tc deduced isomeric transition, $T_{1/2}$, isomer ratio. Results on CD only. CONF E.Lansing (NS2008),P104,Folden

A=78 *(continued)*

	2010DA06	NUCLEAR REACTIONS Ni(^{86}Kr, X), E=60.5 MeV / nucleon; measured Eγ, Iγ, (fragment)γ-coin, and γ(t). Identification of A and Z by energy-loss, total-kinetic-energy, and time-of-flight measurements. ^{50}K, ^{60}V, ^{62,64}Mn, ^{65,67}Fe, ^{68,70}Co, ^{75}Cu, ^{78}Zn, ^{78}Ga; deduced isomers, half-lives, J, π, multipolarities. ^{69,71,73}Cu; deduced B(M1), B(E2) values. ^{75}Cu; deduced levels, J, π, and transition rates for proposed level-scheme scenarios and comparisons with shell-model calculations. ^{69,71,73,75,77,79}Cu; shell model calculations of 1 / 2-, 3 / 2- and 5 / 2- states. JOUR PRVCA 81 034304
	2010HO12	RADIOACTIVITY ^{73,74,75}Co, ^{75,76,77,78}Ni, ^{76,77,78,79,80}Cu, ^{79,80,81}Zn, ^{81,82}Ga(β^-), (β^-n)[from Be(^{86}Kr, X), E=140 MeV / nucleon]; measured β spectra, βn-coin, neutron spectra, half-lives, delayed neutron-emission probabilities; calculated half-lives, P(n) using QRPA, CQRPA and OXBASH shell model. Discussed effects on various types of models for the rapid neutron-capture process (r-process) in nucleosynthesis. A=1-210; calculated abundances with classical r-process and HEW models using known decay data. ^{78}Ni(β^-); calculated Gamow-Teller strengths, effect on abundances. JOUR PRVCA 82 025806
^{78}Se	2009IGZZ	NUCLEAR REACTIONS ^{74,77}Se(n, γ), E=15-100keV; measured Eγ, Iγ; deduced σ, dσ(Eγ). Compared to other measurements and to JENDL-3.3, ENDF / B-VII.0 and ENDF / B-VI.8. CONF Cologne (Capture Gamma-Ray Spectroscopy) Proc,P376,Igashira
	2010GAZZ	RADIOACTIVITY ^{78}Kr(2EC); measured $T_{1/2}$ lower limit of (2ν+0ν)-accompanied decay. Baksan Underground Neutrino Observatory, proportional counter filled with Kr (enriched / natural). CONF St.-Petersburg,P100,Gavriljuk
	2010KA17	NUCLEAR REACTIONS ^{77}Se, ^{197}Au(n, γ), E=15-100, 510 keV; measured TOF, Eγ, Iγ; deduced σ, γ-ray multiplicities. Comparison with JENDL-3.3, ENDF / B-VII.0, ENDF / B-VI.8 libraries. JOUR JNSTA 47 634
^{78}Br	2010SP05	NUCLEAR REACTIONS ^{77,78,80}Se(p, n), (p, 2n), (p, 4n)^{77}Br, ^{80}Se(p, n), E=21-85 MeV; measured Eγ, Iγ; deduced σ and their uncertainties, integral yields. JOUR RAACA 98 749
^{78}Kr	2010GAZZ	RADIOACTIVITY ^{78}Kr(2EC); measured $T_{1/2}$ lower limit of (2ν+0ν)-accompanied decay. Baksan Underground Neutrino Observatory, proportional counter filled with Kr (enriched / natural). CONF St.-Petersburg,P100,Gavriljuk
^{78}Sr	2010HE16	NUCLEAR REACTIONS ^{40}Ca(^{40}Ca, 2p), ^{48}Ca(^{48}Ca, 2p), E=80 MeV / nucleon; measured Ep, Ip(θ), pp-coin, Z(particle), A(particle), particle multiplicity, total transverse energy; deduced pp correlation function, emitting source size. JOUR NUPAB 834 552c

A=79

^{79}Ni	2010OH02	NUCLEAR REACTIONS Be, Pb(^{238}U, F), E=345 MeV / nucleon; measured yields of fission fragments. Z=20-56, A=52-152; measured yields. ^{71}Mn, ^{73,74}Fe, ^{76}Co, ^{79}Ni, ^{81,82}Cu, ^{84,85}Zn, ^{87}Ga, ^{90}Ge, ^{95}Se, ^{98}Br, ^{101}Kr, ^{103}Rb, ^{106,107}Sr, ^{108,109}Y, ^{111,112}Zr, ^{114,115}Nb, ^{115,116,117}Mo, ^{119,120}Tc, ^{121,122,123,124}Ru, ^{123,124,125,126}Rh, ^{127,128}Pd, ^{133}Cd, ^{138}Sn, ^{140}Sb, ^{143}Te, ^{145}I, ^{148}Xe, ^{152}Ba; measured yields and cross sections, identified new isotopes using RI beam factory at RIKEN, ΔE-TOF-Bρ method. JOUR JUPSA 79 073201
^{79}Cu	2008ILZZ	RADIOACTIVITY ^{76}Cu(β^-), ^{76}Cu(β^-), ^{77}Cu(β^-), ^{78}Cu(β^-), ^{79}Cu(β^-)[from U(p, f)]; measured A(particle), Z(particle), Eγ, Iγ; deduced ^{76,77,78,79}Zn E, J, π. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P687
	2008WIZO	RADIOACTIVITY ^{76,77,78,79}Cu, ^{83,84,85}Ga(β^-); measured Eγ, Iγ, β-delayed neutron decay, (particle)γ-coin; deduced branching ratio. ^{76,77,78}Zn, ^{82,83}Ge deduced levels, J, π. A=82, 83, 84 deduced chain branching ratio. Results on CD only. CONF E.Lansing (NS2008),P194,Winger
	2010DA06	NUCLEAR REACTIONS Ni(^{86}Kr, X), E=60.5 MeV / nucleon; measured Eγ, Iγ, (fragment)γ-coin, and γ(t). Identification of A and Z by energy-loss, total-kinetic-energy, and time-of-flight measurements. ^{50}K, ^{60}V, ^{62,64}Mn, ^{65,67}Fe, ^{68,70}Co, ^{75}Cu, ^{78}Zn, ^{78}Ga; deduced isomers, half-lives, J, π, multipolarities. ^{69,71,73}Cu; deduced B(M1), B(E2) values. ^{75}Cu; deduced levels, J, π, and transition rates for proposed level-scheme scenarios and comparisons with shell-model calculations. ^{69,71,73,75,77,79}Cu; shell model calculations of 1 / 2-, 3 / 2- and 5 / 2- states. JOUR PRVCA 81 034304
	2010HO12	RADIOACTIVITY ^{73,74,75}Co, ^{75,76,77,78}Ni, ^{76,77,78,79,80}Cu, ^{79,80,81}Zn, ^{81,82}Ga(β^-), (β^-n)[from Be(^{86}Kr, X), E=140 MeV / nucleon]; measured β spectra, βn-coin, neutron spectra, half-lives, delayed neutron-emission probabilities; calculated half-lives, P(n) using QRPA, CQRPA and OXBASH shell model. Discussed effects on various types of models for the rapid neutron-capture process (r-process) in nucleosynthesis. A=1-210; calculated abundances with classical r-process and HEW models using known decay data. ^{78}Ni(β^-); calculated Gamow-Teller strengths, effect on abundances. JOUR PRVCA 82 025806
^{79}Zn	2008ILZZ	RADIOACTIVITY ^{76}Cu(β^-), ^{76}Cu(β^-), ^{77}Cu(β^-), ^{78}Cu(β^-), ^{79}Cu(β^-)[from U(p, f)]; measured A(particle), Z(particle), Eγ, Iγ; deduced ^{76,77,78,79}Zn E, J, π. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P687
	2008WIZO	RADIOACTIVITY ^{76,77,78,79}Cu, ^{83,84,85}Ga(β^-); measured Eγ, Iγ, β-delayed neutron decay, (particle)γ-coin; deduced branching ratio. ^{76,77,78}Zn, ^{82,83}Ge deduced levels, J, π. A=82, 83, 84 deduced chain branching ratio. Results on CD only. CONF E.Lansing (NS2008),P194,Winger

A=79 *(continued)*

	2010HO12	RADIOACTIVITY ^{73,74,75}Co, ^{75,76,77,78}Ni, ^{76,77,78,79,80}Cu, ^{79,80,81}Zn, ^{81,82}Ga(β^-), (β^-n)[from Be(^{86}Kr, X), E=140 MeV / nucleon]; measured β spectra, βn-coin, neutron spectra, half-lives, delayed neutron-emission probabilities; calculated half-lives, P(n) using QRPA, CQRPA and OXBASH shell model. Discussed effects on various types of models for the rapid neutron-capture process (r-process) in nucleosynthesis. A=1-210; calculated abundances with classical r-process and HEW models using known decay data. ^{78}Ni(β^-); calculated Gamow-Teller strengths, effect on abundances. JOUR PRVCA 82 025806
^{79}Ga	2010CH16	NUCLEAR REACTIONS U(p, X)^{67}Ga / ^{69}Ga / ^{71}Ga / ^{73}Ga / ^{75}Ga / ^{77}Ga / ^{79}Ga / ^{81}Ga, E=1.4 GeV; measured optical hfs spectra; deduced ground J, π, magnetic dipole and electric quadrupole moments, anomalous ground state spins. JOUR PRLTA 104 252502
	2010HO12	RADIOACTIVITY ^{73,74,75}Co, ^{75,76,77,78}Ni, ^{76,77,78,79,80}Cu, ^{79,80,81}Zn, ^{81,82}Ga(β^-), (β^-n)[from Be(^{86}Kr, X), E=140 MeV / nucleon]; measured β spectra, βn-coin, neutron spectra, half-lives, delayed neutron-emission probabilities; calculated half-lives, P(n) using QRPA, CQRPA and OXBASH shell model. Discussed effects on various types of models for the rapid neutron-capture process (r-process) in nucleosynthesis. A=1-210; calculated abundances with classical r-process and HEW models using known decay data. ^{78}Ni(β^-); calculated Gamow-Teller strengths, effect on abundances. JOUR PRVCA 82 025806
^{79}Se	2010KI03	NUCLEAR REACTIONS ^{80}Se(γ, n), E=10.5-16 MeV; measured emitted neutrons; deduced σ. Laser-Compton scattering (LCS). JOUR JNSTA 47 367
^{79}Br	2010SP05	NUCLEAR REACTIONS ^{77,78,80}Se(p, n), (p, 2n), (p, 4n)^{77}Br, ^{80}Se(p, n), E=21-85 MeV; measured Eγ, Iγ; deduced σ and their uncertainties, integral yields. JOUR RAACA 98 749
^{79}Kr	2008TAZI	NUCLEAR REACTIONS Pb(p, x), E=1, 1.4 GeV; Bi(p, x), E=1, 1.4 GeV; measured Eγ, Iγ, A(particle) using melted thick target at ISOLDE facility; ^{76,77,79,85,87,88,89,90}Kr, ^{111}Cd, ^{121,124,126}I, ^{120,121,122,123,125,127,129,131,133}Xe, ^{184,186,188,190,192,193,195,197,203,205,206}Hg, ^{204,205,206,207,208,209,210}At; deduced thick target yields temperature dependence 250-600 centigrade; calculated using FLUKA, MCNPX with INCL4 / ABLA. CONF Nice (Nucl Data for Sci and Technol) Proc,P1069

A=80

^{80}Cu	2010HO12	RADIOACTIVITY ^{73,74,75}Co, ^{75,76,77,78}Ni, ^{76,77,78,79,80}Cu, ^{79,80,81}Zn, ^{81,82}Ga(β^-), (β^-n)[from Be(^{86}Kr, X), E=140 MeV / nucleon]; measured β spectra, βn-coin, neutron spectra, half-lives, delayed neutron-emission probabilities; calculated half-lives, P(n) using QRPA, CQRPA and OXBASH shell model. Discussed effects on various types of models for the rapid neutron-capture process (r-process) in nucleosynthesis. A=1-210; calculated abundances with classical r-process and HEW models using known decay data. ^{78}Ni(β^-); calculated Gamow-Teller strengths, effect on abundances. JOUR PRVCA 82 025806
^{80}Zn	2008DEZP	NUCLEAR REACTIONS ^{192}Os, ^{238}U(^{82}Se, X)^{81}Ga / ^{82}Ge / ^{83}As / ^{80}Zn, E=460, 505 MeV; measured reaction products, Eγ, Iγ, γ-γ-coin.;deduced level energies, J, π. Comparison with shell model calculations. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P73,De Angelis
	2008KOYY	RADIOACTIVITY ^{17}Ne; measured ToF versus field frequency; deduced isotope shift, mass mass excess, charge radius, halo nuclei; calculated mass excess, separation energy, proton, neutron density distribution using FMD; ^{38}Ca; ^{26}Al; ^{80}Zn;^{81}Zn;^{132}Sn;^{134}Sn; measured ToF versus frequency detuning; deduced Q-value, mass excess. Neutrons in ^{17}Ne spherical, protons cluster-like form. Results on CD only. CONF E.Lansing (NS2008),P20,Kowalska
	2010HO12	RADIOACTIVITY ^{73,74,75}Co, ^{75,76,77,78}Ni, ^{76,77,78,79,80}Cu, ^{79,80,81}Zn, ^{81,82}Ga(β^-), (β^-n)[from Be(^{86}Kr, X), E=140 MeV / nucleon]; measured β spectra, βn-coin, neutron spectra, half-lives, delayed neutron-emission probabilities; calculated half-lives, P(n) using QRPA, CQRPA and OXBASH shell model. Discussed effects on various types of models for the rapid neutron-capture process (r-process) in nucleosynthesis. A=1-210; calculated abundances with classical r-process and HEW models using known decay data. ^{78}Ni(β^-); calculated Gamow-Teller strengths, effect on abundances. JOUR PRVCA 82 025806
^{80}Ga	2010HO12	RADIOACTIVITY ^{73,74,75}Co, ^{75,76,77,78}Ni, ^{76,77,78,79,80}Cu, ^{79,80,81}Zn, ^{81,82}Ga(β^-), (β^-n)[from Be(^{86}Kr, X), E=140 MeV / nucleon]; measured β spectra, βn-coin, neutron spectra, half-lives, delayed neutron-emission probabilities; calculated half-lives, P(n) using QRPA, CQRPA and OXBASH shell model. Discussed effects on various types of models for the rapid neutron-capture process (r-process) in nucleosynthesis. A=1-210; calculated abundances with classical r-process and HEW models using known decay data. ^{78}Ni(β^-); calculated Gamow-Teller strengths, effect on abundances. JOUR PRVCA 82 025806

A=80 *(continued)*

^{80}Ge	2010HO12	RADIOACTIVITY ^{73,74,75}Co, ^{75,76,77,78}Ni, ^{76,77,78,79,80}Cu, ^{79,80,81}Zn, ^{81,82}Ga(β^-), (β^-n)[from Be(^{86}Kr, X), E=140 MeV / nucleon]; measured β spectra, βn-coin, neutron spectra, half-lives, delayed neutron-emission probabilities; calculated half-lives, P(n) using QRPA, CQRPA and OXBASH shell model. Discussed effects on various types of models for the rapid neutron-capture process (r-process) in nucleosynthesis. A=1-210; calculated abundances with classical r-process and HEW models using known decay data. ^{78}Ni(β^-); calculated Gamow-Teller strengths, effect on abundances. JOUR PRVCA 82 025806
^{80}Se	2010ADZZ	NUCLEAR REACTIONS Ti, Cr, ^{80}Se(n, n'γ), E=fast; measured Eγ, Iγ, $\gamma(\theta)$, $T_{1/2}$ by DSAM, ^{48nullTi,53}Cr, ^{80}Se; deduced levels. CONF St.-Petersburg,P108,Adymov
^{80}Br	2010SP05	NUCLEAR REACTIONS ^{77,78,80}Se(p, n), (p, 2n), (p, 4n)^{77}Br, ^{80}Se(p, n), E=21-85 MeV; measured Eγ, Iγ; deduced σ and their uncertainties, integral yields. JOUR RAACA 98 749
^{80}Kr	2010NA13	ATOMIC MASSES ^{80,86,87,94,96,97}Kr; measured cyclotron frequencies and ratios; deduced mass excess, deformation. Penning-trap mass spectrometer at ISOLDE, CERN. JOUR PRLTA 105 032502

A=81

^{81}Cu	2010OH02	NUCLEAR REACTIONS Be, Pb(^{238}U, F), E=345 MeV / nucleon; measured yields of fission fragments. Z=20-56, A=52-152; measured yields. ^{71}Mn, ^{73,74}Fe, ^{76}Co, ^{79}Ni, ^{81,82}Cu, ^{84,85}Zn, ^{87}Ga, ^{90}Ge, ^{95}Se, ^{98}Br, ^{101}Kr, ^{103}Rb, ^{106,107}Sr, ^{108,109}Y, ^{111,112}Zr, ^{114,115}Nb, ^{115,116,117}Mo, ^{119,120}Tc, ^{121,122,123,124}Ru, ^{123,124,125,126}Rh, ^{127,128}Pd, ^{133}Cd, ^{138}Sn, ^{140}Sb, ^{143}Te, ^{145}I, ^{148}Xe, ^{152}Ba; measured yields and cross sections, identified new isotopes using RI beam factory at RIKEN, ΔE-TOF-Bρ method. JOUR JUPSA 79 073201
^{81}Zn	2008KOYY	RADIOACTIVITY ^{17}Ne; measured ToF versus field frequency; deduced isotope shift, mass mass excess, charge radius, halo nuclei; calculated mass excess, separation energy, proton, neutron density distribution using FMD; ^{38}Ca; ^{26}Al; ^{80}Zn;^{81}Zn;^{132}Sn;^{134}Sn; measured ToF versus frequency detuning; deduced Q-value, mass excess. Neutrons in ^{17}Ne spherical, protons cluster-like form. Results on CD only. CONF E.Lansing (NS2008),P20,Kowalska
	2010HO12	RADIOACTIVITY ^{73,74,75}Co, ^{75,76,77,78}Ni, ^{76,77,78,79,80}Cu, ^{79,80,81}Zn, ^{81,82}Ga(β^-), (β^-n)[from Be(^{86}Kr, X), E=140 MeV / nucleon]; measured β spectra, βn-coin, neutron spectra, half-lives, delayed neutron-emission probabilities; calculated half-lives, P(n) using QRPA, CQRPA and OXBASH shell model. Discussed effects on various types of models for the rapid neutron-capture process (r-process) in nucleosynthesis. A=1-210; calculated abundances with classical r-process and HEW models using known decay data. ^{78}Ni(β^-); calculated Gamow-Teller strengths, effect on abundances. JOUR PRVCA 82 025806

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

^{81}Ga	2008DEZP	NUCLEAR REACTIONS ^{192}Os, ^{238}U(^{82}Se, X)^{81}Ga / ^{82}Ge / ^{83}As / ^{80}Zn, E=460, 505 MeV; measured reaction products, Eγ, Iγ, γ-γ-coin.;deduced level energies, J, π. Comparison with shell model calculations. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P73,De Angelis
	2010CH16	NUCLEAR REACTIONS U(p, X)^{67}Ga / ^{69}Ga / ^{71}Ga / ^{73}Ga / ^{75}Ga / ^{77}Ga / ^{79}Ga / ^{81}Ga, E=1.4 GeV; measured optical hfs spectra; deduced ground J, π, magnetic dipole and electric quadrupole moments, anomalous ground state spins. JOUR PRLTA 104 252502
	2010HO12	RADIOACTIVITY ^{73,74,75}Co, ^{75,76,77,78}Ni, ^{76,77,78,79,80}Cu, ^{79,80,81}Zn, ^{81,82}Ga(β^-), (β^-n)[from Be(^{86}Kr, X), E=140 MeV / nucleon]; measured β spectra, βn-coin, neutron spectra, half-lives, delayed neutron-emission probabilities; calculated half-lives, P(n) using QRPA, CQRPA and OXBASH shell model. Discussed effects on various types of models for the rapid neutron-capture process (r-process) in nucleosynthesis. A=1-210; calculated abundances with classical r-process and HEW models using known decay data. ^{78}Ni(β^-); calculated Gamow-Teller strengths, effect on abundances. JOUR PRVCA 82 025806
^{81}Ge	2010HO12	RADIOACTIVITY ^{73,74,75}Co, ^{75,76,77,78}Ni, ^{76,77,78,79,80}Cu, ^{79,80,81}Zn, ^{81,82}Ga(β^-), (β^-n)[from Be(^{86}Kr, X), E=140 MeV / nucleon]; measured β spectra, βn-coin, neutron spectra, half-lives, delayed neutron-emission probabilities; calculated half-lives, P(n) using QRPA, CQRPA and OXBASH shell model. Discussed effects on various types of models for the rapid neutron-capture process (r-process) in nucleosynthesis. A=1-210; calculated abundances with classical r-process and HEW models using known decay data. ^{78}Ni(β^-); calculated Gamow-Teller strengths, effect on abundances. JOUR PRVCA 82 025806
^{81}Se	2010PAZY	NUCLEAR REACTIONS ^{74,82}Se(γ, n), (n, 2n), Eγ=27, 28, 29, 30 MeV bremsstrahlung, En=14 MeV; measured isomeric yield ratios with activation method. ^{81m,g}Se; deduced Y_m / Y_g vs Eγ. CONF St.-Petersburg,P186,Palvanov
^{81}Br	2010MI21	RADIOACTIVITY ^{81}Kr(EC)[from ^{93}Nb(p, X), E=1 GeV]; measured Eγ, Iγ, x-ray spectrum, γ(x ray)-coin; deduced K-component of the radiative electron capture spectrum. Comparison with theoretical model predictions. ^{83}Rb(EC); measured Eγ. JOUR PRVCA 82 044308
^{81}Kr	2010MI21	RADIOACTIVITY ^{81}Kr(EC)[from ^{93}Nb(p, X), E=1 GeV]; measured Eγ, Iγ, x-ray spectrum, γ(x ray)-coin; deduced K-component of the radiative electron capture spectrum. Comparison with theoretical model predictions. ^{83}Rb(EC); measured Eγ. JOUR PRVCA 82 044308

A=81 *(continued)*

	2010SO03	NUCLEAR REACTIONS ^{170}Er(^{82}Se, X)^{168}Dy / ^{170}Dy, E=460 MeV; measured mass yields, distributions of product nuclei using PRISMA spectrometer, Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin using CLARA HPGe array. ^{168}Dy; deduced levels, J, π, rotational bands, moments of inertia. ^{170}Dy; deduced 4+ to 2+ transition. ^{170}Er; measured Eγ. Z=64-72, N=94-108; systematics of levels and moments of inertia for even-even isotopes, and total Routhian surface calculations. ^{81,82,83,84,85,86,87,88,89,90}Kr, ^{162,163,164,165,166,167,168,169,170,171}Dy; measured yields of complementary beam-like and target-like fragments through 2pxn channels. JOUR PRVCA 81 034310
^{81}Rb	2010ERZZ	NUCLEAR REACTIONS ^{85}Rb(γ, n), (γ, 2n), (γ, 3n), (γ, 4n), ^{87}Rb(γ, n), (γ, 3n), (γ, 4n), (γ, 5n), E=67.7 MeV bremsstrahlung; measured relative yields with activation method. ^{86}Rb; deduced yield in (γ, n). ^{84}Rb; deduced yield in (γ, n)+(γ, 3n). ^{83}Rb; deduced yield in (γ, 2n)+(γ, 3n). ^{82}Rb; deduced yield in (γ, 3n)+(γ, 4n). ^{81}Rb; deduced yield in (γ, 4n)+(γ, 5n). CONF St.-Petersburg,P189,Ermakov

A=82

^{82}Cu	2010OH02	NUCLEAR REACTIONS Be, Pb(^{238}U, F), E=345 MeV / nucleon; measured yields of fission fragments. Z=20-56, A=52-152; measured yields. ^{71}Mn, ^{73,74}Fe, ^{76}Co, ^{79}Ni, ^{81,82}Cu, ^{84,85}Zn, ^{87}Ga, ^{90}Ge, ^{95}Se, ^{98}Br, ^{101}Kr, ^{103}Rb, ^{106,107}Sr, ^{108,109}Y, ^{111,112}Zr, ^{114,115}Nb, ^{115,116,117}Mo, ^{119,120}Tc, ^{121,122,123,124}Ru, ^{123,124,125,126}Rh, ^{127,128}Pd, ^{133}Cd, ^{138}Sn, ^{140}Sb, ^{143}Te, ^{145}I, ^{148}Xe, ^{152}Ba; measured yields and cross sections, identified new isotopes using RI beam factory at RIKEN, ΔE-TOF-Bρ method. JOUR JUPSA 79 073201
^{82}Ga	2008FOZS	NUCLEAR REACTIONS ^{9}Be(^{238}U, X), E=80 MeV / nucleon; measured thick target E(particle), I(particle), A(particle), Z(particle), Eγ, Iγ, (particle)γ-coin. ^{60}Mn, ^{78}Ga, ^{82}Ga, ^{92}Br, ^{95}Rb, ^{98}Rb, ^{92}Y, ^{101}Y, ^{112}Tc deduced isomeric transition, $T_{1/2}$, isomer ratio. Results on CD only. CONF E.Lansing (NS2008),P104,Folden
	2010HO12	RADIOACTIVITY ^{73,74,75}Co, ^{75,76,77,78}Ni, ^{76,77,78,79,80}Cu, ^{79,80,81}Zn, ^{81,82}Ga(β^-), (β^-n)[from Be(^{86}Kr, X), E=140 MeV / nucleon]; measured β spectra, βn-coin, neutron spectra, half-lives, delayed neutron-emission probabilities; calculated half-lives, P(n) using QRPA, CQRPA and OXBASH shell model. Discussed effects on various types of models for the rapid neutron-capture process (r-process) in nucleosynthesis. A=1-210; calculated abundances with classical r-process and HEW models using known decay data. ^{78}Ni(β^-); calculated Gamow-Teller strengths, effect on abundances. JOUR PRVCA 82 025806
^{82}Ge	2008DEZP	NUCLEAR REACTIONS ^{192}Os, ^{238}U(^{82}Se, X)^{81}Ga / ^{82}Ge / ^{83}As / ^{80}Zn, E=460, 505 MeV; measured reaction products, Eγ, Iγ, γ-γ-coin.;deduced level energies, J, π. Comparison with shell model calculations. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P73,De Angelis

A=82 *(continued)*

	2008WIZO	RADIOACTIVITY ^{76,77,78,79}Cu, ^{83,84,85}Ga(β^-); measured Eγ, Iγ, β-delayed neutron decay, (particle)γ-coin; deduced branching ratio. ^{76,77,78}Zn, ^{82,83}Ge deduced levels, J, π. A=82, 83, 84 deduced chain branching ratio. Results on CD only. CONF E.Lansing (NS2008),P194,Winger
	2010GA14	NUCLEAR REACTIONS ^{197}Au(^{82}Ge, ^{82}Ge'), E=89.4 MeV / nucleon; ^{197}Au(^{84}Se, ^{84}Se'), E=95.4 MeV / nucleon; ^{9}Be(^{82}Ge, ^{82}Ge'), E=87.6 MeV / nucleon; ^{9}Be(^{84}Se, ^{84}Se'), E=92 MeV / nucleon, [^{82}Ge and ^{84}Se secondary beams from ^{9}Be(^{86}Kr, X), E=140 MeV / nucleon]; measured Eγ, Iγ, σ, (particle)γ-coin; ^{82}Ge, ^{84}Se; deduced levels, J, B(E2), $T_{1/2}$. Intermediate energy Coulomb excitation and inelastic scattering. Comparison with systematics of B(E2) values for first 2+ state in N=50 isotones for Z(even)=30-42 and even-even Ge (A=64-82) and Se (A=68-84) isotopes, and with shell-model calculations. Systematics of first 3- states in even-even Se (A=74-82) and N=50 isotones. JOUR PRVCA 81 064326
	2010HO12	RADIOACTIVITY ^{73,74,75}Co, ^{75,76,77,78}Ni, ^{76,77,78,79,80}Cu, ^{79,80,81}Zn, ^{81,82}Ga(β^-), (β^-n)[from Be(^{86}Kr, X), E=140 MeV / nucleon]; measured β spectra, βn-coin, neutron spectra, half-lives, delayed neutron-emission probabilities; calculated half-lives, P(n) using QRPA, CQRPA and OXBASH shell model. Discussed effects on various types of models for the rapid neutron-capture process (r-process) in nucleosynthesis. A=1-210; calculated abundances with classical r-process and HEW models using known decay data. ^{78}Ni(β^-); calculated Gamow-Teller strengths, effect on abundances. JOUR PRVCA 82 025806
	2010WI03	RADIOACTIVITY ^{83,84,85}Ga(β^-), (β^-n) [from ^{238}U(p, F), E=54 MeV]; measured Eγ, Iγ, $\beta\gamma$-, $\gamma\gamma$-, βnγ-coin, and half-lives. ^{82,83,84,85}Ge; deduced level, J, π, configurations. ^{82,83,84}Ge, ^{82,83,84}As, ^{83}Se(β^-); N=28-82, Z=20-50; systematics of neutron single-particle states. Comparison with spherical HFB calculations using the SKO$_T$ functionals. ^{82,83,84}Ge, ^{82,83,84}As, ^{83}Se(β^-); measured Eγ. JOUR PRVCA 81 044303
^{82}As	2010WI03	RADIOACTIVITY ^{83,84,85}Ga(β^-), (β^-n) [from ^{238}U(p, F), E=54 MeV]; measured Eγ, Iγ, $\beta\gamma$-, $\gamma\gamma$-, βnγ-coin, and half-lives. ^{82,83,84,85}Ge; deduced level, J, π, configurations. ^{82,83,84}Ge, ^{82,83,84}As, ^{83}Se(β^-); N=28-82, Z=20-50; systematics of neutron single-particle states. Comparison with spherical HFB calculations using the SKO$_T$ functionals. ^{82,83,84}Ge, ^{82,83,84}As, ^{83}Se(β^-); measured Eγ. JOUR PRVCA 81 044303
^{82}Se	2009DA25	RADIOACTIVITY ^{48}Ca, ^{82}Se, ^{96}Zr, ^{100}Mo, ^{116}Cd, ^{130}Te, ^{150}Nd(2β); measured $T_{1/2}$ for zero / two-neutrino 2β-decay events; deduced effective neutrino mass. JOUR NUPAB 827 495c
	2010SI06	RADIOACTIVITY ^{100}Mo, ^{82}Se, ^{116}Cd, ^{150}Nd, ^{96}Zr, ^{48}Ca, ^{130}Te($2\beta^-$); measured Ee, Ie; deduced $T_{1/2}$. JOUR PPNPD 64 270

A=82 *(continued)*

	2010WI03	RADIOACTIVITY ^{83,84,85}Ga(β^-), (β^-n) [from ^{238}U(p, F), E=54 MeV]; measured Eγ, Iγ, $\beta\gamma$-, $\gamma\gamma$-, βnγ-coin, and half-lives. ^{82,83,84,85}Ge; deduced level, J, π, configurations. ^{82,83,84}Ge, ^{82,83,84}As, ^{83}Se(β^-); N=28-82, Z=20-50; systematics of neutron single-particle states. Comparison with spherical HFB calculations using the SKO$_T$ functionals. ^{82,83,84}Ge, ^{82,83,84}As, ^{83}Se(β^-); measured Eγ. JOUR PRVCA 81 044303
^{82}Br	2010DE01	NUCLEAR REACTIONS ^{232}Th(γ, F)^{77}Ge / ^{82}Br / ^{85}Kr / ^{85}Sr / ^{85}Y / ^{87}Kr / ^{87}Sr / ^{87}Y / ^{88}Kr / ^{91}Sr / ^{91}Y / ^{92}Sr / ^{92}Y / ^{93}Y / ^{93}Mo / ^{93}Tc / ^{95}Zr / ^{95}Nb / ^{95}Tc / ^{96}Nb / ^{97}Zr / ^{97}Nb / ^{99}Mo / ^{99}Tc / ^{99}Rh / ^{101}Tc / ^{101}Rh / ^{103}Ru / ^{105}Ru / ^{105}Rh / ^{109}In / ^{111}Pd / ^{111}Ag / ^{112}Pd / ^{112}Ag / ^{113}Ag / ^{115}Ag / ^{115}Cd / ^{117}Cd / ^{117}In, E=50, 3500 MeV; measured Eγ, Iγ; deduced yield of fission fragments, symmetric contribution high-energy fission component. JOUR PANUE 73 24
^{82}Kr	2008LEZK	NUCLEAR REACTIONS Mg(p, ^{3}He), E=14.7-1600 MeV; Al(p, ^{3}He), E=41.5-397 MeV; Si(p, ^{3}He), E=31.3-1600 MeV; Pb(p, ^{3}He), E=44.2-2595 MeV; Bi(p, ^{3}He), E=102-2589 MeV; Bi(p, α), E=102-2589 MeV; Bi(p, x)^{82}Kr, E=102-2589 MeV; Bi(p, x)^{85}Kr, E=102-2589 MeV; Bi(p, x)^{130}Xe, E=102-2589 MeV; Bi(p, x)^{131}Xe, E=102-2589 MeV; measured He, Kr, Xe using cryogenic traps; deduced He, Kr, Xe σ; calculated σ using INCL4 / ABLA code. Compared to other measurements of similar kind done by the same group. CONF Nice (Nucl Data for Sci and Technol) Proc,P1061
	2010SI06	RADIOACTIVITY ^{100}Mo, ^{82}Se, ^{116}Cd, ^{150}Nd, ^{96}Zr, ^{48}Ca, ^{130}Te($2\beta^-$); measured Ee, Ie; deduced $T_{1/2}$. JOUR PPNPD 64 270
	2010SO03	NUCLEAR REACTIONS ^{170}Er(^{82}Se, X)^{168}Dy / ^{170}Dy, E=460 MeV; measured mass yields, distributions of product nuclei using PRISMA spectrometer, Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin using CLARA HPGe array. ^{168}Dy; deduced levels, J, π, rotational bands, moments of inertia. ^{170}Dy; deduced 4+ to 2+ transition. ^{170}Er; measured Eγ. Z=64-72, N=94-108; systematics of levels and moments of inertia for even-even isotopes, and total Routhian surface calculations. ^{81,82,83,84,85,86,87,88,89,90}Kr, ^{162,163,164,165,166,167,168,169,170,171}Dy; measured yields of complementary beam-like and target-like fragments through 2pxn channels. JOUR PRVCA 81 034310
^{82}Rb	2009YU10	NUCLEAR REACTIONS ^{60}Ni(^{27}Al, n4p)^{82}Rb, E=130 MeV; measured Eγ, Iγ, γ-γ-coin.; deduced magnetic rotational bands, g factors. JOUR CPCHC 33 s01 188
	2010ERZZ	NUCLEAR REACTIONS ^{85}Rb(γ, n), (γ, 2n), (γ, 3n), (γ, 4n), ^{87}Rb(γ, n), (γ, 3n), (γ, 4n), (γ, 5n), E=67.7 MeV bremsstrahlung; measured relative yields with activation method. ^{86}Rb; deduced yield in (γ, n). ^{84}Rb; deduced yield in (γ, n)+(γ, 3n). ^{83}Rb; deduced yield in (γ, 2n)+(γ, 3n). ^{82}Rb; deduced yield in (γ, 3n)+(γ, 4n). ^{81}Rb; deduced yield in (γ, 4n)+(γ, 5n). CONF St.-Petersburg,P189,Ermakov
	2010YU03	NUCLEAR REACTIONS ^{60}Ni(^{27}Al, n4p)^{82}Rb, E=130 MeV; measured Eγ, Iγ, γ-γ-coin.; deduced g factors. Comparison with semiclassical model calculations. JOUR CPBHA 19 062701

A=82 *(continued)*

^{82}Sr	2009FA14	NUCLEAR REACTIONS ^{58}Ni(^{28}Si, 4p)^{82}Sr, E=110 MeV; measured Eγ, Iγ; deduced rotational bands, g factors, proton alignment. JOUR CPCHC 33 s01 206
	2010FA08	NUCLEAR REACTIONS ^{58}Ni(^{28}Si, 4p), E=110 MeV; measured Eγ, Iγ. ^{82}Sr; deduced g factor, rotational bands. Comparison with particle rotor model with Nilsson potential. JOUR NUPAB 834 107c
^{82}Nb	2009GA40	NUCLEAR REACTIONS Be(^{107}Ag, X)^{82}Nb / ^{84}Nb / ^{86}Tc / ^{87}Tc / ^{88}Tc / ^{90}Rh / ^{93}Ru / ^{94}Pd / ^{96}Pd, E=750 MeV / nucleon; measured Eγ, Iγ, isomer half-lives, and isomeric ratios, time-of-flight and energy loss for fragment identification, RISING array and MUSIC system at GSI facility. ^{82,84}Nb, ^{86,87,88}Tc, ^{93}Ru, ^{94,96}Pd; deduced levels, isomers, J, π, and half-lives. ^{82}Nb, ^{86}Tc; calculated potential energy surfaces. ^{82}Nb, ^{86,88}Tc; calculated levels by shell-model and comparison with level systematics of ^{82}Zr and ^{86}Mo. JOUR PRVCA 80 064303

A=83

^{83}Ga	2008WIZO	RADIOACTIVITY ^{76,77,78,79}Cu, ^{83,84,85}Ga(β^-); measured Eγ, Iγ, β-delayed neutron decay, (particle)γ-coin; deduced branching ratio. ^{76,77,78}Zn, ^{82,83}Ge deduced levels, J, π. A=82, 83, 84 deduced chain branching ratio. Results on CD only. CONF E.Lansing (NS2008),P194,Winger
	2008WIZS	RADIOACTIVITY ^{83}Ga(β^-), ^{84}Ga(β^-), ^{85}Ga(β^-)[from ^{235}U+p]; measured Eγ, Iγ, Iβ, $\beta\gamma$-coin; deduced E, J, π, I. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P663
	2010WI03	RADIOACTIVITY ^{83,84,85}Ga(β^-), (β^-n) [from ^{238}U(p, F), E=54 MeV]; measured Eγ, Iγ, $\beta\gamma$-, $\gamma\gamma$-, βnγ-coin, and half-lives. ^{82,83,84,85}Ge; deduced level, J, π, configurations. ^{82,83,84}Ge, ^{82,83,84}As, ^{83}Se(β^-); N=28-82, Z=20-50; systematics of neutron single-particle states. Comparison with spherical HFB calculations using the SKO$_T$ functionals. ^{82,83,84}Ge, ^{82,83,84}As, ^{83}Se(β^-); measured Eγ. JOUR PRVCA 81 044303
^{83}Ge	2008CIZZ	NUCLEAR REACTIONS ^{2}H(^{82}Ge, p), E$\approx$4-5 MeV / nucleon; ^{2}H(^{84}Se, p), E$\approx$4-5 MeV / nucleon; ^{2}H(^{130}Sn, p), E$\approx$4-5 MeV / nucleon; ^{2}H(^{132}Sn, p), E$\approx$4-5 MeV / nucleon; ^{2}H(^{134}Te, p), E$\approx$4-5 MeV / nucleon; measured Ep, Ip(θ); deduced Q-values, E, J, π. Compared with NNDC tables. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P580
	2008WIZO	RADIOACTIVITY ^{76,77,78,79}Cu, ^{83,84,85}Ga(β^-); measured Eγ, Iγ, β-delayed neutron decay, (particle)γ-coin; deduced branching ratio. ^{76,77,78}Zn, ^{82,83}Ge deduced levels, J, π. A=82, 83, 84 deduced chain branching ratio. Results on CD only. CONF E.Lansing (NS2008),P194,Winger
	2008WIZS	RADIOACTIVITY ^{83}Ga(β^-), ^{84}Ga(β^-), ^{85}Ga(β^-)[from ^{235}U+p]; measured Eγ, Iγ, Iβ, $\beta\gamma$-coin; deduced E, J, π, I. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P663

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

	2010WI03	RADIOACTIVITY ^{83,84,85}Ga(β^-), (β^-n) [from ^{238}U(p, F), E=54 MeV]; measured Eγ, Iγ, $\beta\gamma$-, $\gamma\gamma$-, βnγ-coin, and half-lives. ^{82,83,84,85}Ge; deduced level, J, π, configurations. ^{82,83,84}Ge, ^{82,83,84}As, ^{83}Se(β^-); N=28-82, Z=20-50; systematics of neutron single-particle states. Comparison with spherical HFB calculations using the SKO$_T$ functionals. ^{82,83,84}Ge, ^{82,83,84}As, ^{83}Se(β^-); measured Eγ. JOUR PRVCA 81 044303
^{83}As	2008DEZP	NUCLEAR REACTIONS ^{192}Os, ^{238}U(^{82}Se, X)^{81}Ga / ^{82}Ge / ^{83}As / ^{80}Zn, E=460, 505 MeV; measured reaction products, Eγ, Iγ, γ-γ-coin.;deduced level energies, J, π. Comparison with shell model calculations. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P73,De Angelis
	2010WI03	RADIOACTIVITY ^{83,84,85}Ga(β^-), (β^-n) [from ^{238}U(p, F), E=54 MeV]; measured Eγ, Iγ, $\beta\gamma$-, $\gamma\gamma$-, βnγ-coin, and half-lives. ^{82,83,84,85}Ge; deduced level, J, π, configurations. ^{82,83,84}Ge, ^{82,83,84}As, ^{83}Se(β^-); N=28-82, Z=20-50; systematics of neutron single-particle states. Comparison with spherical HFB calculations using the SKO$_T$ functionals. ^{82,83,84}Ge, ^{82,83,84}As, ^{83}Se(β^-); measured Eγ. JOUR PRVCA 81 044303
^{83}Se	2010WI03	RADIOACTIVITY ^{83,84,85}Ga(β^-), (β^-n) [from ^{238}U(p, F), E=54 MeV]; measured Eγ, Iγ, $\beta\gamma$-, $\gamma\gamma$-, βnγ-coin, and half-lives. ^{82,83,84,85}Ge; deduced level, J, π, configurations. ^{82,83,84}Ge, ^{82,83,84}As, ^{83}Se(β^-); N=28-82, Z=20-50; systematics of neutron single-particle states. Comparison with spherical HFB calculations using the SKO$_T$ functionals. ^{82,83,84}Ge, ^{82,83,84}As, ^{83}Se(β^-); measured Eγ. JOUR PRVCA 81 044303
^{83}Br	2010WI03	RADIOACTIVITY ^{83,84,85}Ga(β^-), (β^-n) [from ^{238}U(p, F), E=54 MeV]; measured Eγ, Iγ, $\beta\gamma$-, $\gamma\gamma$-, βnγ-coin, and half-lives. ^{82,83,84,85}Ge; deduced level, J, π, configurations. ^{82,83,84}Ge, ^{82,83,84}As, ^{83}Se(β^-); N=28-82, Z=20-50; systematics of neutron single-particle states. Comparison with spherical HFB calculations using the SKO$_T$ functionals. ^{82,83,84}Ge, ^{82,83,84}As, ^{83}Se(β^-); measured Eγ. JOUR PRVCA 81 044303
^{83}Kr	2010LI13	RADIOACTIVITY ^{83m}Kr(IT)[from ^{83}Rb(ε)]; measured Eγ, Iγ, half-life in liquid argon and neon environments. Discussed applicability of ^{83m}Kr as a calibration source for liquid argon, neon dark matter and solar neutrino detectors. JOUR PRVCA 81 045803
	2010MI21	RADIOACTIVITY ^{81}Kr(EC)[from ^{93}Nb(p, X), E=1 GeV]; measured Eγ, Iγ, x-ray spectrum, γ(x ray)-coin; deduced K-component of the radiative electron capture spectrum. Comparison with theoretical model predictions. ^{83}Rb(EC); measured Eγ. JOUR PRVCA 82 044308

A=83 *(continued)*

	2010SO03	NUCLEAR REACTIONS ^{170}Er(^{82}Se, X)^{168}Dy / ^{170}Dy, E=460 MeV; measured mass yields, distributions of product nuclei using PRISMA spectrometer, Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin using CLARA HPGe array. ^{168}Dy; deduced levels, J, π, rotational bands, moments of inertia. ^{170}Dy; deduced 4+ to 2+ transition. ^{170}Er; measured Eγ. Z=64-72, N=94-108; systematics of levels and moments of inertia for even-even isotopes, and total Routhian surface calculations. ^{81,82,83,84,85,86,87,88,89,90}Kr, ^{162,163,164,165,166,167,168,169,170,171}Dy; measured yields of complementary beam-like and target-like fragments through 2pxn channels. JOUR PRVCA 81 034310
^{83}Rb	2010ERZZ	NUCLEAR REACTIONS ^{85}Rb(γ, n), (γ, 2n), (γ, 3n), (γ, 4n), ^{87}Rb(γ, n), (γ, 3n), (γ, 4n), (γ, 5n), E=67.7 MeV bremsstrahlung; measured relative yields with activation method. ^{86}Rb; deduced yield in (γ, n). ^{84}Rb; deduced yield in (γ, n)+(γ, 3n). ^{83}Rb; deduced yield in (γ, 2n)+(γ, 3n). ^{82}Rb; deduced yield in (γ, 3n)+(γ, 4n). ^{81}Rb; deduced yield in (γ, 4n)+(γ, 5n). CONF St.-Petersburg,P189,Ermakov
	2010MI21	RADIOACTIVITY ^{81}Kr(EC)[from ^{93}Nb(p, X), E=1 GeV]; measured Eγ, Iγ, x-ray spectrum, γ(x ray)-coin; deduced K-component of the radiative electron capture spectrum. Comparison with theoretical model predictions. ^{83}Rb(EC); measured Eγ. JOUR PRVCA 82 044308
	2010SH17	RADIOACTIVITY ^{83}Sr(β^+); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{83}Rb; deduced levels, J, π, yrast states. Comparison with projected shell model. JOUR NUPAB 834 90c
^{83}Sr	2010SH17	RADIOACTIVITY ^{83}Sr(β^+); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{83}Rb; deduced levels, J, π, yrast states. Comparison with projected shell model. JOUR NUPAB 834 90c

A=84

^{84}Zn	2010OH02	NUCLEAR REACTIONS Be, Pb(^{238}U, F), E=345 MeV / nucleon; measured yields of fission fragments. Z=20-56, A=52-152; measured yields. ^{71}Mn, ^{73,74}Fe, ^{76}Co, ^{79}Ni, ^{81,82}Cu, ^{84,85}Zn, ^{87}Ga, ^{90}Ge, ^{95}Se, ^{98}Br, ^{101}Kr, ^{103}Rb, ^{106,107}Sr, ^{108,109}Y, ^{111,112}Zr, ^{114,115}Nb, ^{115,116,117}Mo, ^{119,120}Tc, ^{121,122,123,124}Ru, ^{123,124,125,126}Rh, ^{127,128}Pd, ^{133}Cd, ^{138}Sn, ^{140}Sb, ^{143}Te, ^{145}I, ^{148}Xe, ^{152}Ba; measured yields and cross sections, identified new isotopes using RI beam factory at RIKEN, ΔE-TOF-Bρ method. JOUR JUPSA 79 073201
^{84}Ga	2008WIZO	RADIOACTIVITY ^{76,77,78,79}Cu, ^{83,84,85}Ga(β^-); measured Eγ, Iγ, β-delayed neutron decay, (particle)γ-coin; deduced branching ratio. ^{76,77,78}Zn, ^{82,83}Ge deduced levels, J, π. A=82, 83, 84 deduced chain branching ratio. Results on CD only. CONF E.Lansing (NS2008),P194,Winger
	2008WIZS	RADIOACTIVITY ^{83}Ga(β^-), ^{84}Ga(β^-), ^{85}Ga(β^-)[from ^{235}U+p]; measured Eγ, Iγ, Iβ, $\beta\gamma$-coin; deduced E, J, π, I. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P663

A=84 *(continued)*

	2010WI03	RADIOACTIVITY ^{83,84,85}Ga(β^-), (β^-n) [from ^{238}U(p, F), E=54 MeV]; measured Eγ, Iγ, $\beta\gamma$-, $\gamma\gamma$-, βnγ-coin, and half-lives. ^{82,83,84,85}Ge; deduced level, J, π, configurations. ^{82,83,84}Ge, ^{82,83,84}As, ^{83}Se(β^-); N=28-82, Z=20-50; systematics of neutron single-particle states. Comparison with spherical HFB calculations using the SKO$_T$ functionals. ^{82,83,84}Ge, ^{82,83,84}As, ^{83}Se(β^-); measured Eγ. JOUR PRVCA 81 044303
^{84}Ge	2008WIZO	RADIOACTIVITY ^{76,77,78,79}Cu, ^{83,84,85}Ga(β^-); measured Eγ, Iγ, β-delayed neutron decay, (particle)γ-coin; deduced branching ratio. ^{76,77,78}Zn, ^{82,83}Ge deduced levels, J, π. A=82, 83, 84 deduced chain branching ratio. Results on CD only. CONF E.Lansing (NS2008),P194,Winger
	2008WIZS	RADIOACTIVITY ^{83}Ga(β^-), ^{84}Ga(β^-), ^{85}Ga(β^-)[from ^{235}U+p]; measured Eγ, Iγ, Iβ, $\beta\gamma$-coin; deduced E, J, π, I. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P663
	2010WI03	RADIOACTIVITY ^{83,84,85}Ga(β^-), (β^-n) [from ^{238}U(p, F), E=54 MeV]; measured Eγ, Iγ, $\beta\gamma$-, $\gamma\gamma$-, βnγ-coin, and half-lives. ^{82,83,84,85}Ge; deduced level, J, π, configurations. ^{82,83,84}Ge, ^{82,83,84}As, ^{83}Se(β^-); N=28-82, Z=20-50; systematics of neutron single-particle states. Comparison with spherical HFB calculations using the SKO$_T$ functionals. ^{82,83,84}Ge, ^{82,83,84}As, ^{83}Se(β^-); measured Eγ. JOUR PRVCA 81 044303
^{84}As	2010WI03	RADIOACTIVITY ^{83,84,85}Ga(β^-), (β^-n) [from ^{238}U(p, F), E=54 MeV]; measured Eγ, Iγ, $\beta\gamma$-, $\gamma\gamma$-, βnγ-coin, and half-lives. ^{82,83,84,85}Ge; deduced level, J, π, configurations. ^{82,83,84}Ge, ^{82,83,84}As, ^{83}Se(β^-); N=28-82, Z=20-50; systematics of neutron single-particle states. Comparison with spherical HFB calculations using the SKO$_T$ functionals. ^{82,83,84}Ge, ^{82,83,84}As, ^{83}Se(β^-); measured Eγ. JOUR PRVCA 81 044303
^{84}Se	2010GA14	NUCLEAR REACTIONS ^{197}Au(^{82}Ge, ^{82}Ge'), E=89.4 MeV / nucleon; ^{197}Au(^{84}Se, ^{84}Se'), E=95.4 MeV / nucleon; ^{9}Be(^{82}Ge, ^{82}Ge'), E=87.6 MeV / nucleon; ^{9}Be(^{84}Se, ^{84}Se'), E=92 MeV / nucleon, [^{82}Ge and ^{84}Se secondary beams from ^{9}Be(^{86}Kr, X), E=140 MeV / nucleon]; measured Eγ, Iγ, σ, (particle)γ-coin; ^{82}Ge, ^{84}Se; deduced levels, J, B(E2), T$_{1/2}$. Intermediate energy Coulomb excitation and inelastic scattering. Comparison with systematics of B(E2) values for first 2+ state in N=50 isotones for Z(even)=30-42 and even-even Ge (A=64-82) and Se (A=68-84) isotopes, and with shell-model calculations. Systematics of first 3- states in even-even Se (A=74-82) and N=50 isotones. JOUR PRVCA 81 064326
	2010WI03	RADIOACTIVITY ^{83,84,85}Ga(β^-), (β^-n) [from ^{238}U(p, F), E=54 MeV]; measured Eγ, Iγ, $\beta\gamma$-, $\gamma\gamma$-, βnγ-coin, and half-lives. ^{82,83,84,85}Ge; deduced level, J, π, configurations. ^{82,83,84}Ge, ^{82,83,84}As, ^{83}Se(β^-); N=28-82, Z=20-50; systematics of neutron single-particle states. Comparison with spherical HFB calculations using the SKO$_T$ functionals. ^{82,83,84}Ge, ^{82,83,84}As, ^{83}Se(β^-); measured Eγ. JOUR PRVCA 81 044303

A=84 *(continued)*

^{84}Kr	2010SO03	NUCLEAR REACTIONS ^{170}Er(^{82}Se, X)^{168}Dy / ^{170}Dy, E=460 MeV; measured mass yields, distributions of product nuclei using PRISMA spectrometer, Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin using CLARA HPGe array. ^{168}Dy; deduced levels, J, π, rotational bands, moments of inertia. ^{170}Dy; deduced 4+ to 2+ transition. ^{170}Er; measured Eγ. Z=64-72, N=94-108; systematics of levels and moments of inertia for even-even isotopes, and total Routhian surface calculations. ^{81,82,83,84,85,86,87,88,89,90}Kr, ^{162,163,164,165,166,167,168,169,170,171}Dy; measured yields of complementary beam-like and target-like fragments through 2pxn channels. JOUR PRVCA 81 034310
^{84}Rb	2010ERZZ	NUCLEAR REACTIONS ^{85}Rb(γ, n), (γ, 2n), (γ, 3n), (γ, 4n), ^{87}Rb(γ, n), (γ, 3n), (γ, 4n), (γ, 5n), E=67.7 MeV bremsstrahlung; measured relative yields with activation method. ^{86}Rb; deduced yield in (γ, n). ^{84}Rb; deduced yield in (γ, n)+(γ, 3n). ^{83}Rb; deduced yield in (γ, 2n)+(γ, 3n). ^{82}Rb; deduced yield in (γ, 3n)+(γ, 4n). ^{81}Rb; deduced yield in (γ, 4n)+(γ, 5n). CONF St.-Petersburg,P189,Ermakov
	2010MA02	NUCLEAR REACTIONS ^{85,87}Rb(γ, n)^{84}Rb / ^{86}Rb, E=10.5-12 MeV; measured Eγ, Iγ; deduced yields of isomers, J, π. Comparison with TALYS calculation. JOUR JPGPE 37 035101
	2010SH12	NUCLEAR REACTIONS ^{70}Zn(^{18}O, 3np), E=75 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, DCO. ^{84}Rb; deduced levels, J, π, multipolarities, bands, configurations, kinematic moments of inertia. Total Routhian surface calculations. Comparison with projected shell-model calculations, and with structures of ^{80,82}Rb. JOUR PRVCA 82 014306
^{84}Nb	2008STZM	RADIOACTIVITY ^{84}Mo(EC)[from ^{124}Xe fragmentation on ^{9}Be target]; measured Eγ, Iγ, Eβ, Iβ, $\beta\gamma$-coin, (particle)γ-coin; deduced $T_{1/2}$. Results on CD only. CONF E.Lansing (NS2008),P179,Stoker
	2009GA40	NUCLEAR REACTIONS Be(^{107}Ag, X)^{82}Nb / ^{84}Nb / ^{86}Tc / ^{87}Tc / ^{88}Tc / ^{90}Rh / ^{93}Ru / ^{94}Pd / ^{96}Pd, E=750 MeV / nucleon; measured Eγ, Iγ, isomer half-lives, and isomeric ratios, time-of-flight and energy loss for fragment identification, RISING array and MUSIC system at GSI facility. ^{82,84}Nb, ^{86,87,88}Tc, ^{93}Ru, ^{94,96}Pd; deduced levels, isomers, J, π, and half-lives. ^{82}Nb, ^{86}Tc; calculated potential energy surfaces. ^{82}Nb, ^{86,88}Tc; calculated levels by shell-model and comparison with level systematics of ^{82}Zr and ^{86}Mo. JOUR PRVCA 80 064303
^{84}Mo	2008STZM	RADIOACTIVITY ^{84}Mo(EC)[from ^{124}Xe fragmentation on ^{9}Be target]; measured Eγ, Iγ, Eβ, Iβ, $\beta\gamma$-coin, (particle)γ-coin; deduced $T_{1/2}$. Results on CD only. CONF E.Lansing (NS2008),P179,Stoker

A=85

^{85}Zn	2010OH02	NUCLEAR REACTIONS Be, Pb(^{238}U, F), E=345 MeV / nucleon; measured yields of fission fragments. Z=20-56, A=52-152; measured yields. ^{71}Mn, ^{73,74}Fe, ^{76}Co, ^{79}Ni, ^{81,82}Cu, ^{84,85}Zn, ^{87}Ga, ^{90}Ge, ^{95}Se, ^{98}Br, ^{101}Kr, ^{103}Rb, ^{106,107}Sr, ^{108,109}Y, ^{111,112}Zr, ^{114,115}Nb, ^{115,116,117}Mo, ^{119,120}Tc, ^{121,122,123,124}Ru, ^{123,124,125,126}Rh, ^{127,128}Pd, ^{133}Cd, ^{138}Sn, ^{140}Sb, ^{143}Te, ^{145}I, ^{148}Xe, ^{152}Ba; measured yields and cross sections, identified new isotopes using RI beam factory at RIKEN, ΔE-TOF-Bρ method. JOUR JUPSA 79 073201
^{85}Ga	2008WIZO	RADIOACTIVITY ^{76,77,78,79}Cu, ^{83,84,85}Ga(β^-); measured Eγ, Iγ, β-delayed neutron decay, (particle)γ-coin; deduced branching ratio. ^{76,77,78}Zn, ^{82,83}Ge deduced levels, J, π. A=82, 83, 84 deduced chain branching ratio. Results on CD only. CONF E.Lansing (NS2008),P194,Winger
	2008WIZS	RADIOACTIVITY ^{83}Ga(β^-), ^{84}Ga(β^-), ^{85}Ga(β^-)[from ^{235}U+p]; measured Eγ, Iγ, Iβ, $\beta\gamma$-coin; deduced E, J, π, I. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P663
	2010WI03	RADIOACTIVITY ^{83,84,85}Ga(β^-), (β^-n) [from ^{238}U(p, F), E=54 MeV]; measured Eγ, Iγ, $\beta\gamma$-, $\gamma\gamma$-, βnγ-coin, and half-lives. ^{82,83,84,85}Ge; deduced level, J, π, configurations. ^{82,83,84}Ge, ^{82,83,84}As, ^{83}Se(β^-); N=28-82, Z=20-50; systematics of neutron single-particle states. Comparison with spherical HFB calculations using the SKO$_T$ functionals. ^{82,83,84}Ge, ^{82,83,84}As, ^{83}Se(β^-); measured Eγ. JOUR PRVCA 81 044303
^{85}Ge	2008WIZO	RADIOACTIVITY ^{76,77,78,79}Cu, ^{83,84,85}Ga(β^-); measured Eγ, Iγ, β-delayed neutron decay, (particle)γ-coin; deduced branching ratio. ^{76,77,78}Zn, ^{82,83}Ge deduced levels, J, π. A=82, 83, 84 deduced chain branching ratio. Results on CD only. CONF E.Lansing (NS2008),P194,Winger
	2008WIZS	RADIOACTIVITY ^{83}Ga(β^-), ^{84}Ga(β^-), ^{85}Ga(β^-)[from ^{235}U+p]; measured Eγ, Iγ, Iβ, $\beta\gamma$-coin; deduced E, J, π, I. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P663
	2010WI03	RADIOACTIVITY ^{83,84,85}Ga(β^-), (β^-n) [from ^{238}U(p, F), E=54 MeV]; measured Eγ, Iγ, $\beta\gamma$-, $\gamma\gamma$-, βnγ-coin, and half-lives. ^{82,83,84,85}Ge; deduced level, J, π, configurations. ^{82,83,84}Ge, ^{82,83,84}As, ^{83}Se(β^-); N=28-82, Z=20-50; systematics of neutron single-particle states. Comparison with spherical HFB calculations using the SKO$_T$ functionals. ^{82,83,84}Ge, ^{82,83,84}As, ^{83}Se(β^-); measured Eγ. JOUR PRVCA 81 044303
^{85}As	2010LI02	ATOMIC MASSES ^{85,86}As, ^{89}Se, ^{123}Ag, ^{138}Te, ^{140,141}I, ^{143}Xe, ^{221,222}At, ^{223}Rn, ^{228}Fr, ^{231}Ra; measured atomic mass using storage ring mass spectrometry. JOUR APOBB 41 511
^{85}Se	2008CIZZ	NUCLEAR REACTIONS ^{2}H(^{82}Ge, p), E$\approx$4-5 MeV / nucleon; ^{2}H(^{84}Se, p), E$\approx$4-5 MeV / nucleon; ^{2}H(^{130}Sn, p), E$\approx$4-5 MeV / nucleon; ^{2}H(^{132}Sn, p), E$\approx$4-5 MeV / nucleon; ^{2}H(^{134}Te, p), E$\approx$4-5 MeV / nucleon; measured Ep, Ip(θ); deduced Q-values, E, J, π. Compared with NNDC tables. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P580

A=85 ***(continued)***

^{85}Kr	2008LEZK	NUCLEAR REACTIONS Mg(p, ^{3}He), E=14.7-1600 MeV; Al(p, ^{3}He), E=41.5-397 MeV; Si(p, ^{3}He), E=31.3-1600 MeV; Pb(p, ^{3}He), E=44.2-2595 MeV; Bi(p, ^{3}He), E=102-2589 MeV; Bi(p, α), E=102-2589 MeV; Bi(p, x)^{82}Kr, E=102-2589 MeV; Bi(p, x)^{85}Kr, E=102-2589 MeV; Bi(p, x)^{130}Xe, E=102-2589 MeV; Bi(p, x)^{131}Xe, E=102-2589 MeV; measured He, Kr, Xe using cryogenic traps; deduced He, Kr, Xe σ; calculated σ using INCL4 / ABLA code. Compared to other measurements of similar kind done by the same group. CONF Nice (Nucl Data for Sci and Technol) Proc,P1061
	2008TAZI	NUCLEAR REACTIONS Pb(p, x), E=1, 1.4 GeV; Bi(p, x), E=1, 1.4 GeV; measured Eγ, Iγ, A(particle) using melted thick target at ISOLDE facility; ^{76,77,79,85,87,88,89,90}Kr, ^{111}Cd, ^{121,124,126}I, ^{120,121,122,123,125,127,129,131,133}Xe, ^{184,186,188,190,192,193,195,197,203,205,206}Hg, ^{204,205,206,207,208,209,210}At; deduced thick target yields temperature dependence 250-600 centigrade; calculated using FLUKA, MCNPX with INCL4 / ABLA. CONF Nice (Nucl Data for Sci and Technol) Proc,P1069
	2010DE01	NUCLEAR REACTIONS ^{232}Th(γ, F)^{77}Ge / ^{82}Br / ^{85}Kr / ^{85}Sr / ^{85}Y / ^{87}Kr / ^{87}Sr / ^{87}Y / ^{88}Kr / ^{91}Sr / ^{91}Y / ^{92}Sr / ^{92}Y / ^{93}Y / ^{93}Mo / ^{93}Tc / ^{95}Zr / ^{95}Nb / ^{95}Tc / ^{96}Nb / ^{97}Zr / ^{97}Nb / ^{99}Mo / ^{99}Tc / ^{99}Rh / ^{101}Tc / ^{101}Rh / ^{103}Ru / ^{105}Ru / ^{105}Rh / ^{109}In / ^{111}Pd / ^{111}Ag / ^{112}Pd / ^{112}Ag / ^{113}Ag / ^{115}Ag / ^{115}Cd / ^{117}Cd / ^{117}In, E=50, 3500 MeV; measured Eγ, Iγ; deduced yield of fission fragments, symmetric contribution high-energy fission component. JOUR PANUE 73 24
	2010SO03	NUCLEAR REACTIONS ^{170}Er(^{82}Se, X)^{168}Dy / ^{170}Dy, E=460 MeV; measured mass yields, distributions of product nuclei using PRISMA spectrometer, Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin using CLARA HPGe array. ^{168}Dy; deduced levels, J, π, rotational bands, moments of inertia. ^{170}Dy; deduced 4+ to 2+ transition. ^{170}Er; measured Eγ. Z=64-72, N=94-108; systematics of levels and moments of inertia for even-even isotopes, and total Routhian surface calculations. ^{81,82,83,84,85,86,87,88,89,90}Kr, ^{162,163,164,165,166,167,168,169,170,171}Dy; measured yields of complementary beam-like and target-like fragments through 2pxn channels. JOUR PRVCA 81 034310
^{85}Sr	2009KIZX	NUCLEAR REACTIONS ^{85}Rb(p, n), E=2-4 MeV; measured Eγ, Iγ, isomeric transition; deduced ground state σ, isomeric σ, S-factor; calculated using NON-SMOKER Hauser-Feshbach code using different optical model parameters. Compared to data of Kastleiner. CONF Cologne (Capture Gamma-Ray Spectroscopy) Proc,P476,Kiss
	2010DE01	NUCLEAR REACTIONS ^{232}Th(γ, F)^{77}Ge / ^{82}Br / ^{85}Kr / ^{85}Sr / ^{85}Y / ^{87}Kr / ^{87}Sr / ^{87}Y / ^{88}Kr / ^{91}Sr / ^{91}Y / ^{92}Sr / ^{92}Y / ^{93}Y / ^{93}Mo / ^{93}Tc / ^{95}Zr / ^{95}Nb / ^{95}Tc / ^{96}Nb / ^{97}Zr / ^{97}Nb / ^{99}Mo / ^{99}Tc / ^{99}Rh / ^{101}Tc / ^{101}Rh / ^{103}Ru / ^{105}Ru / ^{105}Rh / ^{109}In / ^{111}Pd / ^{111}Ag / ^{112}Pd / ^{112}Ag / ^{113}Ag / ^{115}Ag / ^{115}Cd / ^{117}Cd / ^{117}In, E=50, 3500 MeV; measured Eγ, Iγ; deduced yield of fission fragments, symmetric contribution high-energy fission component. JOUR PANUE 73 24

A=85 *(continued)*

^{85}Y	2010DE01	NUCLEAR REACTIONS ^{232}Th(γ, F)^{77}Ge / ^{82}Br / ^{85}Kr / ^{85}Sr / ^{85}Y / ^{87}Kr / ^{87}Sr / ^{87}Y / ^{88}Kr / ^{91}Sr / ^{91}Y / ^{92}Sr / ^{92}Y / ^{93}Y / ^{93}Mo / ^{93}Tc / ^{95}Zr / ^{95}Nb / ^{95}Tc / ^{96}Nb / ^{97}Zr / ^{97}Nb / ^{99}Mo / ^{99}Tc / ^{99}Rh / ^{101}Tc / ^{101}Rh / ^{103}Ru / ^{105}Ru / ^{105}Rh / ^{109}In / ^{111}Pd / ^{111}Ag / ^{112}Pd / ^{112}Ag / ^{113}Ag / ^{115}Ag / ^{115}Cd / ^{117}Cd / ^{117}In, E=50, 3500 MeV; measured Eγ, Iγ; deduced yield of fission fragments, symmetric contribution high-energy fission component. JOUR PANUE 73 24

A=86

^{86}As	2010LI02	ATOMIC MASSES ^{85,86}As, ^{89}Se, ^{123}Ag, ^{138}Te, ^{140,141}I, ^{143}Xe, ^{221,222}At, ^{223}Rn, ^{228}Fr, ^{231}Ra; measured atomic mass using storage ring mass spectrometry. JOUR APOBB 41 511
^{86}Kr	2010NA13	ATOMIC MASSES ^{80,86,87,94,96,97}Kr; measured cyclotron frequencies and ratios; deduced mass excess, deformation. Penning-trap mass spectrometer at ISOLDE, CERN. JOUR PRLTA 105 032502
	2010SO03	NUCLEAR REACTIONS ^{170}Er(^{82}Se, X)^{168}Dy / ^{170}Dy, E=460 MeV; measured mass yields, distributions of product nuclei using PRISMA spectrometer, Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin using CLARA HPGe array. ^{168}Dy; deduced levels, J, π, rotational bands, moments of inertia. ^{170}Dy; deduced 4+ to 2+ transition. ^{170}Er; measured Eγ. Z=64-72, N=94-108; systematics of levels and moments of inertia for even-even isotopes, and total Routhian surface calculations. ^{81,82,83,84,85,86,87,88,89,90}Kr, ^{162,163,164,165,166,167,168,169,170,171}Dy; measured yields of complementary beam-like and target-like fragments through 2pxn channels. JOUR PRVCA 81 034310
^{86}Rb	2010ERZZ	NUCLEAR REACTIONS ^{85}Rb(γ, n), (γ, 2n), (γ, 3n), (γ, 4n), ^{87}Rb(γ, n), (γ, 3n), (γ, 4n), (γ, 5n), E=67.7 MeV bremsstrahlung; measured relative yields with activation method. ^{86}Rb; deduced yield in (γ, n). ^{84}Rb; deduced yield in (γ, n)+(γ, 3n). ^{83}Rb; deduced yield in (γ, 2n)+(γ, 3n). ^{82}Rb; deduced yield in (γ, 3n)+(γ, 4n). ^{81}Rb; deduced yield in (γ, 4n)+(γ, 5n). CONF St.-Petersburg,P189,Ermakov
	2010MA02	NUCLEAR REACTIONS ^{85,87}Rb(γ, n)^{84}Rb / ^{86}Rb, E=10.5-12 MeV; measured Eγ, Iγ; deduced yields of isomers, J, π. Comparison with TALYS calculation. JOUR JPGPE 37 035101
^{86}Sr	2010RU07	NUCLEAR REACTIONS ^{73}Ge(^{16}O, 2np), E=57 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (neutron)γ-coin using NE213 and HPGe detectors. ^{86,88}Y; deduced levels, J, π, μ, configurations, multipolarities, B(E1), B(E2), B(E3), B(M1), $T_{1/2}$. Comparison with shell model calculations. ^{85}Rb(^{3}He, 2n), (^{3}He, np), E not given; analyzed Eγ, Iγ, γ(H, θ, t). ^{86}Sr, ^{86}Y; deduced g-factor. JOUR ZAANE 44 31
^{86}Y	2010BEZV	NUCLEAR REACTIONS ^{90}Zr(γ, 2np)^{87}Y, ^{90}Zr(γ, 3np)^{86}Y, ^{91}Zr(γ, 3np)^{87}Y, ^{91}Zr(γ, 4np)^{86}Y, E=90 MeV bremsstrahlung; measured yields with activation method. ^{86,87}Y; deduced isomeric ratios Y_m / Y_g. CONF St.-Petersburg,P152,Bezshyyko

A=86 *(continued)*

	2010RU07	NUCLEAR REACTIONS ^{73}Ge(^{16}O, 2np), E=57 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (neutron)γ-coin using NE213 and HPGe detectors. ^{86,88}Y; deduced levels, J, π, μ, configurations, multipolarities, B(E1), B(E2), B(E3), B(M1), $T_{1/2}$. Comparison with shell model calculations. ^{85}Rb(^{3}He, 2n), (^{3}He, np), E not given; analyzed Eγ, Iγ, γ(H, θ, t). ^{86}Sr, ^{86}Y; deduced g-factor. JOUR ZAANE 44 31
^{86}Tc	2009GA40	NUCLEAR REACTIONS Be(^{107}Ag, X)^{82}Nb / ^{84}Nb / ^{86}Tc / ^{87}Tc / ^{88}Tc / ^{90}Rh / ^{93}Ru / ^{94}Pd / ^{96}Pd, E=750 MeV / nucleon; measured Eγ, Iγ, isomer half-lives, and isomeric ratios, time-of-flight and energy loss for fragment identification, RISING array and MUSIC system at GSI facility. ^{82,84}Nb, ^{86,87,88}Tc, ^{93}Ru, ^{94,96}Pd; deduced levels, isomers, J, π, and half-lives. ^{82}Nb, ^{86}Tc; calculated potential energy surfaces. ^{82}Nb, ^{86,88}Tc; calculated levels by shell-model and comparison with level systematics of ^{82}Zr and ^{86}Mo. JOUR PRVCA 80 064303

A=87

^{87}Ga	2010OH02	NUCLEAR REACTIONS Be, Pb(^{238}U, F), E=345 MeV / nucleon; measured yields of fission fragments. Z=20-56, A=52-152; measured yields. ^{71}Mn, ^{73,74}Fe, ^{76}Co, ^{79}Ni, ^{81,82}Cu, ^{84,85}Zn, ^{87}Ga, ^{90}Ge, ^{95}Se, ^{98}Br, ^{101}Kr, ^{103}Rb, ^{106,107}Sr, ^{108,109}Y, ^{111,112}Zr, ^{114,115}Nb, ^{115,116,117}Mo, ^{119,120}Tc, ^{121,122,123,124}Ru, ^{123,124,125,126}Rh, ^{127,128}Pd, ^{133}Cd, ^{138}Sn, ^{140}Sb, ^{143}Te, ^{145}I, ^{148}Xe, ^{152}Ba; measured yields and cross sections, identified new isotopes using RI beam factory at RIKEN, ΔE-TOF-Bρ method. JOUR JUPSA 79 073201
^{87}Br	2008RIZX	RADIOACTIVITY ^{9}Li, ^{17}N, ^{87}Br, ^{88}Br(β^-)[from Pb, ^{209}Bi, Fe(p, x), E=1 GeV]; measured β-delayed neutron decay. CONF Nice (Nucl Data for Sci and Technol) Proc,P1073
^{87}Kr	2008RIZX	RADIOACTIVITY ^{9}Li, ^{17}N, ^{87}Br, ^{88}Br(β^-)[from Pb, ^{209}Bi, Fe(p, x), E=1 GeV]; measured β-delayed neutron decay. CONF Nice (Nucl Data for Sci and Technol) Proc,P1073
	2008TAZI	NUCLEAR REACTIONS Pb(p, x), E=1, 1.4 GeV; Bi(p, x), E=1, 1.4 GeV; measured Eγ, Iγ, A(particle) using melted thick target at ISOLDE facility; ^{76,77,79,85,87,88,89,90}Kr, ^{111}Cd, ^{121,124,126}I, ^{120,121,122,123,125,127,129,131,133}Xe, ^{184,186,188,190,192,193,195,197,203,205,206}Hg, ^{204,205,206,207,208,209,210}At; deduced thick target yields temperature dependence 250-600 centigrade; calculated using FLUKA, MCNPX with INCL4 / ABLA. CONF Nice (Nucl Data for Sci and Technol) Proc,P1069
	2010DE01	NUCLEAR REACTIONS ^{232}Th(γ, F)^{77}Ge / ^{82}Br / ^{85}Kr / ^{85}Sr / ^{85}Y / ^{87}Kr / ^{87}Sr / ^{87}Y / ^{88}Kr / ^{91}Sr / ^{91}Y / ^{92}Sr / ^{92}Y / ^{93}Y / ^{93}Mo / ^{93}Tc / ^{95}Zr / ^{95}Nb / ^{95}Tc / ^{96}Nb / ^{97}Zr / ^{97}Nb / ^{99}Mo / ^{99}Tc / ^{99}Rh / ^{101}Tc / ^{101}Rh / ^{103}Ru / ^{105}Ru / ^{105}Rh / ^{109}In / ^{111}Pd / ^{111}Ag / ^{112}Pd / ^{112}Ag / ^{113}Ag / ^{115}Ag / ^{115}Cd / ^{117}Cd / ^{117}In, E=50, 3500 MeV; measured Eγ, Iγ; deduced yield of fission fragments, symmetric contribution high-energy fission component. JOUR PANUE 73 24

A=87 *(continued)*

	2010NA13	ATOMIC MASSES ^{80,86,87,94,96,97}Kr; measured cyclotron frequencies and ratios; deduced mass excess, deformation. Penning-trap mass spectrometer at ISOLDE, CERN. JOUR PRLTA 105 032502
	2010SO03	NUCLEAR REACTIONS ^{170}Er(^{82}Se, X)^{168}Dy / ^{170}Dy, E=460 MeV; measured mass yields, distributions of product nuclei using PRISMA spectrometer, Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin using CLARA HPGe array. ^{168}Dy; deduced levels, J, π, rotational bands, moments of inertia. ^{170}Dy; deduced 4+ to 2+ transition. ^{170}Er; measured Eγ. Z=64-72, N=94-108; systematics of levels and moments of inertia for even-even isotopes, and total Routhian surface calculations. ^{81,82,83,84,85,86,87,88,89,90}Kr, ^{162,163,164,165,166,167,168,169,170,171}Dy; measured yields of complementary beam-like and target-like fragments through 2pxn channels. JOUR PRVCA 81 034310
^{87}Sr	2010DE01	NUCLEAR REACTIONS ^{232}Th(γ, F)^{77}Ge / ^{82}Br / ^{85}Kr / ^{85}Sr / ^{85}Y / ^{87}Kr / ^{87}Sr / ^{87}Y / ^{88}Kr / ^{91}Sr / ^{91}Y / ^{92}Sr / ^{92}Y / ^{93}Y / ^{93}Mo / ^{93}Tc / ^{95}Zr / ^{95}Nb / ^{95}Tc / ^{96}Nb / ^{97}Zr / ^{97}Nb / ^{99}Mo / ^{99}Tc / ^{99}Rh / ^{101}Tc / ^{101}Rh / ^{103}Ru / ^{105}Ru / ^{105}Rh / ^{109}In / ^{111}Pd / ^{111}Ag / ^{112}Pd / ^{112}Ag / ^{113}Ag / ^{115}Ag / ^{115}Cd / ^{117}Cd / ^{117}In, E=50, 3500 MeV; measured Eγ, Iγ; deduced yield of fission fragments, symmetric contribution high-energy fission component. JOUR PANUE 73 24
	2010SE05	NUCLEAR REACTIONS ^{90}Zr(n, α), (n, p), (n, 2n), (n, X)^{89m}Y, ^{91}Zr(n, nα), (n, p), (n, X)^{90m}Y, ^{92}Zr(n, p), (n, X)^{91m}Y, ^{94}Zr(n, α), (n, p), (n, X)^{93}Y, E=13.1-20.6 MeV; measured σ using activation method. Comparison with TALYS calculations. JOUR NUPAB 832 149
^{87}Y	2010BEZV	NUCLEAR REACTIONS ^{90}Zr(γ, 2np)^{87}Y, ^{90}Zr(γ, 3np)^{86}Y, ^{91}Zr(γ, 3np)^{87}Y, ^{91}Zr(γ, 4np)^{86}Y, E=90 MeV bremsstrahlung; measured yields with activation method. ^{86,87}Y; deduced isomeric ratios Y_m / Y_g. CONF St.-Petersburg,P152,Bezshyyko
	2010DE01	NUCLEAR REACTIONS ^{232}Th(γ, F)^{77}Ge / ^{82}Br / ^{85}Kr / ^{85}Sr / ^{85}Y / ^{87}Kr / ^{87}Sr / ^{87}Y / ^{88}Kr / ^{91}Sr / ^{91}Y / ^{92}Sr / ^{92}Y / ^{93}Y / ^{93}Mo / ^{93}Tc / ^{95}Zr / ^{95}Nb / ^{95}Tc / ^{96}Nb / ^{97}Zr / ^{97}Nb / ^{99}Mo / ^{99}Tc / ^{99}Rh / ^{101}Tc / ^{101}Rh / ^{103}Ru / ^{105}Ru / ^{105}Rh / ^{109}In / ^{111}Pd / ^{111}Ag / ^{112}Pd / ^{112}Ag / ^{113}Ag / ^{115}Ag / ^{115}Cd / ^{117}Cd / ^{117}In, E=50, 3500 MeV; measured Eγ, Iγ; deduced yield of fission fragments, symmetric contribution high-energy fission component. JOUR PANUE 73 24
^{87}Tc	2009GA40	NUCLEAR REACTIONS Be(^{107}Ag, X)^{82}Nb / ^{84}Nb / ^{86}Tc / ^{87}Tc / ^{88}Tc / ^{90}Rh / ^{93}Ru / ^{94}Pd / ^{96}Pd, E=750 MeV / nucleon; measured Eγ, Iγ, isomer half-lives, and isomeric ratios, time-of-flight and energy loss for fragment identification, RISING array and MUSIC system at GSI facility. ^{82,84}Nb, ^{86,87,88}Tc, ^{93}Ru, ^{94,96}Pd; deduced levels, isomers, J, π, and half-lives. ^{82}Nb, ^{86}Tc; calculated potential energy surfaces. ^{82}Nb, ^{86,88}Tc; calculated levels by shell-model and comparison with level systematics of ^{82}Zr and ^{86}Mo. JOUR PRVCA 80 064303

A=88

^{88}Br	2008RIZX	RADIOACTIVITY ^{9}Li, ^{17}N, ^{87}Br, ^{88}Br(β^-)[from Pb, ^{209}Bi, Fe(p, x), E=1 GeV]; measured β-delayed neutron decay. CONF Nice (Nucl Data for Sci and Technol) Proc,P1073
	2010RE01	NUCLEAR REACTIONS ^{232}Th(^{6}Li, X), E=45 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, particle spectra, (particle)γ-coin, (particle)γ-correlations using STARS Si array at LBNL and Ge detectors. ^{88}Br, ^{93}Rb, ^{95,98,99}Y, ^{99}Mo, ^{100}Tc, ^{121,123}In, ^{119,120,121,122,123,124,125,126,127}Sn, ^{123,125,127,131}Sb, ^{131}I, ^{132}Te, ^{134,136}Xe; measured isomer half-lives; deduced levels, J, π. Level systematics of neighboring Sn, Sb and In nuclides. JOUR PRVCA 81 014301
^{88}Kr	2008RIZX	RADIOACTIVITY ^{9}Li, ^{17}N, ^{87}Br, ^{88}Br(β^-)[from Pb, ^{209}Bi, Fe(p, x), E=1 GeV]; measured β-delayed neutron decay. CONF Nice (Nucl Data for Sci and Technol) Proc,P1073
	2008TAZI	NUCLEAR REACTIONS Pb(p, x), E=1, 1.4 GeV; Bi(p, x), E=1, 1.4 GeV; measured Eγ, Iγ, A(particle) using melted thick target at ISOLDE facility; ^{76,77,79,85,87,88,89,90}Kr, ^{111}Cd, ^{121,124,126}I, ^{120,121,122,123,125,127,129,131,133}Xe, ^{184,186,188,190,192,193,195,197,203,205,206}Hg, ^{204,205,206,207,208,209,210}At; deduced thick target yields temperature dependence 250-600 centigrade; calculated using FLUKA, MCNPX with INCL4 / ABLA. CONF Nice (Nucl Data for Sci and Technol) Proc,P1069
	2010DE01	NUCLEAR REACTIONS ^{232}Th(γ, F)^{77}Ge / ^{82}Br / ^{85}Kr / ^{85}Sr / ^{85}Y / ^{87}Kr / ^{87}Sr / ^{87}Y / ^{88}Kr / ^{91}Sr / ^{91}Y / ^{92}Sr / ^{92}Y / ^{93}Y / ^{93}Mo / ^{93}Tc / ^{95}Zr / ^{95}Nb / ^{95}Tc / ^{96}Nb / ^{97}Zr / ^{97}Nb / ^{99}Mo / ^{99}Tc / ^{99}Rh / ^{101}Tc / ^{101}Rh / ^{103}Ru / ^{105}Ru / ^{105}Rh / ^{109}In / ^{111}Pd / ^{111}Ag / ^{112}Pd / ^{112}Ag / ^{113}Ag / ^{115}Ag / ^{115}Cd / ^{117}Cd / ^{117}In, E=50, 3500 MeV; measured Eγ, Iγ; deduced yield of fission fragments, symmetric contribution high-energy fission component. JOUR PANUE 73 24
	2010SO03	NUCLEAR REACTIONS ^{170}Er(^{82}Se, X)^{168}Dy / ^{170}Dy, E=460 MeV; measured mass yields, distributions of product nuclei using PRISMA spectrometer, Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin using CLARA HPGe array. ^{168}Dy; deduced levels, J, π, rotational bands, moments of inertia. ^{170}Dy; deduced 4+ to 2+ transition. ^{170}Er; measured Eγ. Z=64-72, N=94-108; systematics of levels and moments of inertia for even-even isotopes, and total Routhian surface calculations. ^{81,82,83,84,85,86,87,88,89,90}Kr, ^{162,163,164,165,166,167,168,169,170,171}Dy; measured yields of complementary beam-like and target-like fragments through 2pxn channels. JOUR PRVCA 81 034310
^{88}Y	2010RA09	NUCLEAR REACTIONS ^{89}Y, ^{90}Zr, ^{93}Nb, ^{133}Cs, ^{197}Au(γ, n), ^{99}Tc(γ, 3n), E<32 MeV; measured Eγ, Iγ; deduced σ and uncertainties. Bremsstrahlung photons. JOUR JNSTA 47 618
	2010RU07	NUCLEAR REACTIONS ^{73}Ge(^{16}O, 2np), E=57 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (neutron)γ-coin using NE213 and HPGe detectors. ^{86,88}Y; deduced levels, J, π, μ, configurations, multipolarities, B(E1), B(E2), B(E3), B(M1), $T_{1/2}$. Comparison with shell model calculations. ^{85}Rb(^{3}He, 2n), (^{3}He, np), E not given; analyzed Eγ, Iγ, γ(H, θ, t). ^{86}Sr, ^{86}Y; deduced g-factor. JOUR ZAANE 44 31

A=88 *(continued)*

^{88}Zr	2009BRZV	NUCLEAR REACTIONS ^{89}Y(p, 2n), E=tandem; measured Eγ, Iγ; deduced ^{88}Zr multipole mixing ratio, B(M1), B(E2). CONF Cologne (Capture Gamma-Ray Spectroscopy) Proc,P581,Braun
^{88}Tc	2009GA40	NUCLEAR REACTIONS Be(^{107}Ag, X)^{82}Nb / ^{84}Nb / ^{86}Tc / ^{87}Tc / ^{88}Tc / ^{90}Rh / ^{93}Ru / ^{94}Pd / ^{96}Pd, E=750 MeV / nucleon; measured Eγ, Iγ, isomer half-lives, and isomeric ratios, time-of-flight and energy loss for fragment identification, RISING array and MUSIC system at GSI facility. ^{82,84}Nb, ^{86,87,88}Tc, ^{93}Ru, ^{94,96}Pd; deduced levels, isomers, J, π, and half-lives. ^{82}Nb, ^{86}Tc; calculated potential energy surfaces. ^{82}Nb, ^{86,88}Tc; calculated levels by shell-model and comparison with level systematics of ^{82}Zr and ^{86}Mo. JOUR PRVCA 80 064303

A=89

^{89}Se	2010LI02	ATOMIC MASSES ^{85,86}As, ^{89}Se, ^{123}Ag, ^{138}Te, ^{140,141}I, ^{143}Xe, ^{221,222}At, ^{223}Rn, ^{228}Fr, ^{231}Ra; measured atomic mass using storage ring mass spectrometry. JOUR APOBB 41 511
^{89}Kr	2008TAZI	NUCLEAR REACTIONS Pb(p, x), E=1, 1.4 GeV; Bi(p, x), E=1, 1.4 GeV; measured Eγ, Iγ, A(particle) using melted thick target at ISOLDE facility; ^{76,77,79,85,87,88,89,90}Kr, ^{111}Cd, ^{121,124,126}I, ^{120,121,122,123,125,127,129,131,133}Xe, ^{184,186,188,190,192,193,195,197,203,205,206}Hg, ^{204,205,206,207,208,209,210}At; deduced thick target yields temperature dependence 250-600 centigrade; calculated using FLUKA, MCNPX with INCL4 / ABLA. CONF Nice (Nucl Data for Sci and Technol) Proc,P1069
	2010SO03	NUCLEAR REACTIONS ^{170}Er(^{82}Se, X)^{168}Dy / ^{170}Dy, E=460 MeV; measured mass yields, distributions of product nuclei using PRISMA spectrometer, Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin using CLARA HPGe array. ^{168}Dy; deduced levels, J, π, rotational bands, moments of inertia. ^{170}Dy; deduced 4+ to 2+ transition. ^{170}Er; measured Eγ. Z=64-72, N=94-108; systematics of levels and moments of inertia for even-even isotopes, and total Routhian surface calculations. ^{81,82,83,84,85,86,87,88,89,90}Kr, ^{162,163,164,165,166,167,168,169,170,171}Dy; measured yields of complementary beam-like and target-like fragments through 2pxn channels. JOUR PRVCA 81 034310
^{89}Y	2008OHZT	NUCLEAR REACTIONS ^{12}C, ^{89}Y, ^{208}Pb(n, n), E=96 MeV; measured En, In(θ); deduced d$\sigma(\theta)$; calculated d$\sigma(\theta)$ using different models. ^{12}C(n, n) dσ compared also to ^{12}C(p, p). CONF Nice (Nucl Data for Sci and Technol) Proc,P1023
	2010BA31	NUCLEAR REACTIONS U(p, F)^{89}Y / ^{96}Y / ^{98}Y / ^{99}Y / ^{100}Y, E=30 MeV; measured hyperfine resonance fluorescence spectra; deduced isotope shifts, hyperfine parameters, nuclear spin and prolate shape. JOUR JPGPE 37 105103
	2010SE05	NUCLEAR REACTIONS ^{90}Zr(n, α), (n, p), (n, 2n), (n, X)^{89m}Y, ^{91}Zr(n, nα), (n, p), (n, X)^{90m}Y, ^{92}Zr(n, p), (n, X)^{91m}Y, ^{94}Zr(n, α), (n, p), (n, X)^{93}Y, E=13.1-20.6 MeV; measured σ using activation method. Comparison with TALYS calculations. JOUR NUPAB 832 149

A=89 *(continued)*

^{89}Zr	2010EL04	NUCLEAR REACTIONS ^{60}Ni, ^{95}Mo(n, p), ^{92}Mo(n, α), ^{90}Zr(n, 2n), ^{54}Fe, ^{58}Ni, ^{92}Mo(n, p) E=fission spectrum; measured Eγ, Iγ; deduced σ; deduced lower values for experimental uncertainties vs. calculated. JOUR ARISE 68 2007
	2010ERZY	NUCLEAR REACTIONS Mo(γ, xnyp), E=67.7 MeV bremsstrahlung; measured yields with activation method in multiparticle photodisintegration. ^{90,99}Mo, ^{97,96,95,90,89}Nb, ^{89}Zr; deduced relative yields. CONF St.-Petersburg,P190,Ermakov
	2010LE13	NUCLEAR REACTIONS Mo(p, X)^{93}Tc / ^{94}Tc / ^{95}Tc / ^{96}Tc / ^{99}Tc / ^{90}Mo / ^{93}Mo / ^{99}Mo / ^{90}Nb / ^{92}Nb / ^{95}Nb / ^{96}Nb / ^{89}Zr / ^{62}Zn / ^{63}Zn / ^{65}Zn, E=8.4-37.1 MeV; measured reaction products, Eγ, Iγ; deduced yields, σ. JOUR ARISE 68 2355
	2010RA09	NUCLEAR REACTIONS ^{89}Y, ^{90}Zr, ^{93}Nb, ^{133}Cs, ^{197}Au(γ, n), ^{99}Tc(γ, 3n), E<32 MeV; measured Eγ, Iγ; deduced σ and uncertainties. Bremsstrahlung photons. JOUR JNSTA 47 618
	2010SE05	NUCLEAR REACTIONS ^{90}Zr(n, α), (n, p), (n, 2n), (n, X)^{89m}Y, ^{91}Zr(n, nα), (n, p), (n, X)^{90m}Y, ^{92}Zr(n, p), (n, X)^{91m}Y, ^{94}Zr(n, α), (n, p), (n, X)^{93}Y, E=13.1-20.6 MeV; measured σ using activation method. Comparison with TALYS calculations. JOUR NUPAB 832 149
	2010ZH08	NUCLEAR REACTIONS ^{89}Y(n, γ), ^{93}Nb, ^{90}Zr(n, 2n), E=13.5-14.6 MeV;measured Eγ, Iγ; deduced σ. JOUR NIMBE 268 1367
^{89}Nb	2010ERZY	NUCLEAR REACTIONS Mo(γ, xnyp), E=67.7 MeV bremsstrahlung; measured yields with activation method in multiparticle photodisintegration. ^{90,99}Mo, ^{97,96,95,90,89}Nb, ^{89}Zr; deduced relative yields. CONF St.-Petersburg,P190,Ermakov

A=90

^{90}Ge	2010OH02	NUCLEAR REACTIONS Be, Pb(^{238}U, F), E=345 MeV / nucleon; measured yields of fission fragments. Z=20-56, A=52-152; measured yields. ^{71}Mn, ^{73,74}Fe, ^{76}Co, ^{79}Ni, ^{81,82}Cu, ^{84,85}Zn, ^{87}Ga, ^{90}Ge, ^{95}Se, ^{98}Br, ^{101}Kr, ^{103}Rb, ^{106,107}Sr, ^{108,109}Y, ^{111,112}Zr, ^{114,115}Nb, ^{115,116,117}Mo, ^{119,120}Tc, ^{121,122,123,124}Ru, ^{123,124,125,126}Rh, ^{127,128}Pd, ^{133}Cd, ^{138}Sn, ^{140}Sb, ^{143}Te, ^{145}I, ^{148}Xe, ^{152}Ba; measured yields and cross sections, identified new isotopes using RI beam factory at RIKEN, ΔE-TOF-Bρ method. JOUR JUPSA 79 073201
^{90}Kr	2008TAZI	NUCLEAR REACTIONS Pb(p, x), E=1, 1.4 GeV; Bi(p, x), E=1, 1.4 GeV; measured Eγ, Iγ, A(particle) using melted thick target at ISOLDE facility; ^{76,77,79,85,87,88,89,90}Kr, ^{111}Cd, ^{121,124,126}I, ^{120,121,122,123,125,127,129,131,133}Xe, ^{184,186,188,190,192,193,195,197,203,205,206}Hg, ^{204,205,206,207,208,209,210}At; deduced thick target yields temperature dependence 250-600 centigrade; calculated using FLUKA, MCNPX with INCL4 / ABLA. CONF Nice (Nucl Data for Sci and Technol) Proc,P1069

A=90 *(continued)*

	2010SO03	NUCLEAR REACTIONS ^{170}Er(^{82}Se, X)^{168}Dy / ^{170}Dy, E=460 MeV; measured mass yields, distributions of product nuclei using PRISMA spectrometer, Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin using CLARA HPGe array. ^{168}Dy; deduced levels, J, π, rotational bands, moments of inertia. ^{170}Dy; deduced 4+ to 2+ transition. ^{170}Er; measured Eγ. Z=64-72, N=94-108; systematics of levels and moments of inertia for even-even isotopes, and total Routhian surface calculations. ^{81,82,83,84,85,86,87,88,89,90}Kr, ^{162,163,164,165,166,167,168,169,170,171}Dy; measured yields of complementary beam-like and target-like fragments through 2pxn channels. JOUR PRVCA 81 034310
^{90}Rb	2010VI01	NUCLEAR REACTIONS ^{235}U, ^{239}Pu(γ, F)^{90}Rb / ^{129}Sb / ^{130}Sb / ^{132}Sb / ^{131}Te / ^{133}Te / ^{134}I / ^{136}I / ^{135}Xe, E=9.6, 9.8 MeV; measured reaction products; deduced isomeric yields, angular momenta. JOUR BRSPE 74 500
^{90}Y	2010SE05	NUCLEAR REACTIONS ^{90}Zr(n, α), (n, p), (n, 2n), (n, X)^{89m}Y, ^{91}Zr(n, nα), (n, p), (n, X)^{90m}Y, ^{92}Zr(n, p), (n, X)^{91m}Y, ^{94}Zr(n, α), (n, p), (n, X)^{93}Y, E=13.1-20.6 MeV; measured σ using activation method. Comparison with TALYS calculations. JOUR NUPAB 832 149
	2010ZH08	NUCLEAR REACTIONS ^{89}Y(n, γ), ^{93}Nb, ^{90}Zr(n, 2n), E=13.5-14.6 MeV;measured Eγ, Iγ; deduced σ. JOUR NIMBE 268 1367
^{90}Zr	2009RUZX	NUCLEAR REACTIONS ^{90}Zr(γ, γ'), E=6.8-10.8 MeV; measured Eγ, I$\gamma(\theta)$; deduced B(M1); calculated B(M1) using QRPA with different wave functions. REPT TUNL-XLVIII,P89,Rusev
	2010KR01	NUCLEAR REACTIONS ^{58}Ni, ^{90}Zr(^{6}Li, ^{6}Li), (^{6}Li, ^{6}Li'), E=240 MeV; measured particle spectra, $\sigma(\theta)$ using multipole dipole-multipole (MDM) magnetic spectrometer. ^{58}Ni, ^{90}Zr; deduced levels, J, π, B(E2) for first 2+, and B(E3) for first 3- states. Comparison with deformed potential (DP) model and density-dependent double-folding (DDF) calculations using M3Y NN effective interaction and phenomenological Woods-Saxon potential. JOUR PRVCA 81 014603
^{90}Nb	2010ERZY	NUCLEAR REACTIONS Mo(γ, xnyp), E=67.7 MeV bremsstrahlung; measured yields with activation method in multiparticle photodisintegration. ^{90,99}Mo, ^{97,96,95,90,89}Nb, ^{89}Zr; deduced relative yields. CONF St.-Petersburg,P190,Ermakov
	2010LE13	NUCLEAR REACTIONS Mo(p, X)^{93}Tc / ^{94}Tc / ^{95}Tc / ^{96}Tc / ^{99}Tc / ^{90}Mo / ^{93}Mo / ^{99}Mo / ^{90}Nb / ^{92}Nb / ^{95}Nb / ^{96}Nb / ^{89}Zr / ^{62}Zn / ^{63}Zn / ^{65}Zn, E=8.4-37.1 MeV; measured reaction products, Eγ, Iγ; deduced yields, σ. JOUR ARISE 68 2355
	2010MA10	NUCLEAR REACTIONS Zr(^{7}Li, X)^{93}Tc / ^{94}Tc / ^{94m}Tc / ^{95}Tc / ^{96}Tc / ^{96m}Tc / ^{93m}Mo / ^{90}Nb / ^{96}Nb, E=37-45 MeV; Y(^{9}Be, X)^{93}Tc / ^{94}Tc / ^{95}Tc / ^{93m}Mo, E=30-48 MeV; measured Eγ, Iγ, σ, and excitation functions. Comparisons with calculations using ALICE91 and PACE-II computer codes. JOUR PRVCA 81 024603
^{90}Mo	2009BE49	NUCLEAR REACTIONS ^{90}Zr(^{3}He, 3n), E=27 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$; deduced mixing ratios. ^{90}Mo; deduced energy levels, J, π, B(E2), B(M1). Comparison with interacting boson model and systematics of adjacent nuclei. JOUR ZAANE 42 7

A=90 *(continued)*

	2010ERZY	NUCLEAR REACTIONS Mo(γ, xnyp), E=67.7 MeV bremsstrahlung; measured yields with activation method in multiparticle photodisintegration. ^{90,99}Mo, ^{97,96,95,90,89}Nb, ^{89}Zr; deduced relative yields. CONF St.-Petersburg,P190,Ermakov
	2010LE13	NUCLEAR REACTIONS Mo(p, X)^{93}Tc / ^{94}Tc / ^{95}Tc / ^{96}Tc / ^{99}Tc / ^{90}Mo / ^{93}Mo / ^{99}Mo / ^{90}Nb / ^{92}Nb / ^{95}Nb / ^{96}Nb / ^{89}Zr / ^{62}Zn / ^{63}Zn / ^{65}Zn, E=8.4-37.1 MeV; measured reaction products, Eγ, Iγ; deduced yields, σ. JOUR ARISE 68 2355
^{90}Rh	2009GA40	NUCLEAR REACTIONS Be(^{107}Ag, X)^{82}Nb / ^{84}Nb / ^{86}Tc / ^{87}Tc / ^{88}Tc / ^{90}Rh / ^{93}Ru / ^{94}Pd / ^{96}Pd, E=750 MeV / nucleon; measured Eγ, Iγ, isomer half-lives, and isomeric ratios, time-of-flight and energy loss for fragment identification, RISING array and MUSIC system at GSI facility. ^{82,84}Nb, ^{86,87,88}Tc, ^{93}Ru, ^{94,96}Pd; deduced levels, isomers, J, π, and half-lives. ^{82}Nb, ^{86}Tc; calculated potential energy surfaces. ^{82}Nb, ^{86,88}Tc; calculated levels by shell-model and comparison with level systematics of ^{82}Zr and ^{86}Mo. JOUR PRVCA 80 064303

A=91

^{91}Rb	2010SI17	RADIOACTIVITY ^{248}Cm, ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$, and half-lives using EUROGAM-II and Gammasphere arrays. ^{91,93,95}Rb; deduced levels, J, π, isomers, transition probabilities, and configurations. Comparison with shell-model calculations. Systematics of low-lying levels in ^{89,91,93,95}Rb. ^{93}Rb, ^{95}Y; comparison of experimental and calculated spectra. JOUR PRVCA 82 024302
^{91}Sr	2010DE01	NUCLEAR REACTIONS ^{232}Th(γ, F)^{77}Ge / ^{82}Br / ^{85}Kr / ^{85}Sr / ^{85}Y / ^{87}Kr / ^{87}Sr / ^{87}Y / ^{88}Kr / ^{91}Sr / ^{91}Y / ^{92}Sr / ^{92}Y / ^{93}Y / ^{93}Mo / ^{93}Tc / ^{95}Zr / ^{95}Nb / ^{95}Tc / ^{96}Nb / ^{97}Zr / ^{97}Nb / ^{99}Mo / ^{99}Tc / ^{99}Rh / ^{101}Tc / ^{101}Rh / ^{103}Ru / ^{105}Ru / ^{105}Rh / ^{109}In / ^{111}Pd / ^{111}Ag / ^{112}Pd / ^{112}Ag / ^{113}Ag / ^{115}Ag / ^{115}Cd / ^{117}Cd / ^{117}In, E=50, 3500 MeV; measured Eγ, Iγ; deduced yield of fission fragments, symmetric contribution high-energy fission component. JOUR PANUE 73 24
	2010SE05	NUCLEAR REACTIONS ^{90}Zr(n, α), (n, p), (n, 2n), (n, X)^{89m}Y, ^{91}Zr(n, nα), (n, p), (n, X)^{90m}Y, ^{92}Zr(n, p), (n, X)^{91m}Y, ^{94}Zr(n, α), (n, p), (n, X)^{93}Y, E=13.1-20.6 MeV; measured σ using activation method. Comparison with TALYS calculations. JOUR NUPAB 832 149
^{91}Y	2010DE01	NUCLEAR REACTIONS ^{232}Th(γ, F)^{77}Ge / ^{82}Br / ^{85}Kr / ^{85}Sr / ^{85}Y / ^{87}Kr / ^{87}Sr / ^{87}Y / ^{88}Kr / ^{91}Sr / ^{91}Y / ^{92}Sr / ^{92}Y / ^{93}Y / ^{93}Mo / ^{93}Tc / ^{95}Zr / ^{95}Nb / ^{95}Tc / ^{96}Nb / ^{97}Zr / ^{97}Nb / ^{99}Mo / ^{99}Tc / ^{99}Rh / ^{101}Tc / ^{101}Rh / ^{103}Ru / ^{105}Ru / ^{105}Rh / ^{109}In / ^{111}Pd / ^{111}Ag / ^{112}Pd / ^{112}Ag / ^{113}Ag / ^{115}Ag / ^{115}Cd / ^{117}Cd / ^{117}In, E=50, 3500 MeV; measured Eγ, Iγ; deduced yield of fission fragments, symmetric contribution high-energy fission component. JOUR PANUE 73 24
	2010SE05	NUCLEAR REACTIONS ^{90}Zr(n, α), (n, p), (n, 2n), (n, X)^{89m}Y, ^{91}Zr(n, nα), (n, p), (n, X)^{90m}Y, ^{92}Zr(n, p), (n, X)^{91m}Y, ^{94}Zr(n, α), (n, p), (n, X)^{93}Y, E=13.1-20.6 MeV; measured σ using activation method. Comparison with TALYS calculations. JOUR NUPAB 832 149

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

^{91}Zr	2008TAZG	NUCLEAR REACTIONS ^{90,91,92,93,94,96}Zr(n, γ), ^{139}La(n, γ), E=1 eV-1 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin; deduced average σ, capture kernels; calculated ^{90,91,92,94,96}Zr, ^{139}La average σ; using n-TOF and JENDL-3.3 data. CONF Nice (Nucl Data for Sci and Technol) Proc,P1303
	2010CO02	NUCLEAR REACTIONS ^{197}Au, ^{151}Sm, Pb, ^{204,206,207,208}Pb, ^{209}Bi, ^{139}La, ^{232}Th, ^{24,25,26}Mg, ^{90,91,92,93,94,95,96}Zr, ^{186,187,188}Os, ^{233,234,235,236,238}U, ^{237}Np, ^{240}Pu, ^{241,243}Am, ^{245}Cm(n, γ), E=0.001-1 MeV; measured Eγ, Iγ, fission fragments; deduced σ. JOUR ARISE 68 643
	2010UT01	NUCLEAR REACTIONS ^{96}Zr(γ, n), E=8.1-14 MeV; measured Eγ, Iγ, En, In, σ. Laser Compton-scattered (LCS) beam. Comparisons with previous data and with QRPA and Lorentzian model calculation. ^{90,91,92,93,94,95,96}Zr(n, γ), E=1 keV to 1 MeV; comparison of previous experimental cross sections with calculated values from Hartree-Fock-Bogoliubov (HFB) and quasiparticle random-phase approximation (QRPA). JOUR PRVCA 81 035801
^{91}Nb	2010HE15	NUCLEAR REACTIONS ^{76}Ge(^{19}F, 4n)^{91}Nb, E=80 MeV; measured Eγ, Iγ, γ-γ-coin.; deduced high-spin states and bands, J, π, level scheme. JOUR CPLEE 27 102104
	2010OR01	NUCLEAR REACTIONS ^{93}Nb(n, n'γ), E=1.5-3 MeV; ^{92}Zr(p, 2nγ), E=11.5-19 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma(\theta)$, $\gamma\gamma(\theta)$, level half-lives by DSAM. ^{93}Nb; deduced levels, J, π, multipolarity, mixing ratios, configurations, B(M1), B(E2), One-phonon isoscalar and isovector excitations. Comparison with shell-model calculations. JOUR PRVCA 82 044317
^{91}Mo	2008SCZS	NUCLEAR REACTIONS ^{92,94,96,98,100}Mo(γ, γ'), (γ, n), E<13.2 MeV;measured reaction products; ^{92,94,96,98,100}Mo; deduced σ, dipole-strength distributions. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P355,Schwengner
	2010ER01	NUCLEAR REACTIONS ^{92,94,96,98,100}Mo(γ, γ'), E=bremsstrahlung spectrum with endpoints at 13.2 and 13.9 MeV; measured γ spectra, $\gamma(\theta)$, photon yields, photon strength functions. ^{92,94,96,98,100}Mo(γ, n), E<20 MeV bremsstrahlung spectrum; measured γ continuum spectra, activation yields, and σ; deduced dipole strength functions, GDR. Comparisons with RIPL-2 database, Lorentzian parametrizations, and calculations using TALYS code. JOUR PRVCA 81 034319
^{91}Tc	2008CHZN	NUCLEAR REACTIONS ^{40}Ca(^{58}Ni, 2pα), E=240 MeV; ^{40}Ca(^{58}Ni, 3pα), E=240 MeV; ^{40}Ca(^{58}Ni, 4p), E=240 MeV; measured Eγ, I$\gamma(\theta$, t); deduced d$\sigma(\theta)$, f-factors. Results on CD only. CONF E.Lansing (NS2008),P15,Chiara

A=92

^{92}Br	2008FOZS	NUCLEAR REACTIONS ^{9}Be(^{238}U, X), E=80 MeV / nucleon; measured thick target E(particle), I(particle), A(particle), Z(particle), Eγ, Iγ, (particle)γ-coin. ^{60}Mn, ^{78}Ga, ^{82}Ga, ^{92}Br, ^{95}Rb, ^{98}Rb, ^{92}Y, ^{101}Y, ^{112}Tc deduced isomeric transition, $T_{1/2}$, isomer ratio. Results on CD only. CONF E.Lansing (NS2008),P104,Folden
^{92}Kr	2009MUZW	NUCLEAR REACTIONS ^{12}C(^{88}Kr, ^{88}Kr'), E not given;^{109}Ag(^{92}Kr, ^{92}Kr'), E not given; measured Coulomb excitation Eγ, Iγ; deduced ^{88,92}Kr B(E2). ^{92}Kr B(E2) in contrast to what was supposed. CONF Cologne (Capture Gamma-Ray Spectroscopy) Proc,P587,Mucher
^{92}Sr	2010DE01	NUCLEAR REACTIONS ^{232}Th(γ, F)^{77}Ge / ^{82}Br / ^{85}Kr / ^{85}Sr / ^{85}Y / ^{87}Kr / ^{87}Sr / ^{87}Y / ^{88}Kr / ^{91}Sr / ^{91}Y / ^{92}Sr / ^{92}Y / ^{93}Y / ^{93}Mo / ^{93}Tc / ^{95}Zr / ^{95}Nb / ^{95}Tc / ^{96}Nb / ^{97}Zr / ^{97}Nb / ^{99}Mo / ^{99}Tc / ^{99}Rh / ^{101}Tc / ^{101}Rh / ^{103}Ru / ^{105}Ru / ^{105}Rh / ^{109}In / ^{111}Pd / ^{111}Ag / ^{112}Pd / ^{112}Ag / ^{113}Ag / ^{115}Ag / ^{115}Cd / ^{117}Cd / ^{117}In, E=50, 3500 MeV; measured Eγ, Iγ; deduced yield of fission fragments, symmetric contribution high-energy fission component. JOUR PANUE 73 24
^{92}Y	2008FOZS	NUCLEAR REACTIONS ^{9}Be(^{238}U, X), E=80 MeV / nucleon; measured thick target E(particle), I(particle), A(particle), Z(particle), Eγ, Iγ, (particle)γ-coin. ^{60}Mn, ^{78}Ga, ^{82}Ga, ^{92}Br, ^{95}Rb, ^{98}Rb, ^{92}Y, ^{101}Y, ^{112}Tc deduced isomeric transition, $T_{1/2}$, isomer ratio. Results on CD only. CONF E.Lansing (NS2008),P104,Folden
	2010DE01	NUCLEAR REACTIONS ^{232}Th(γ, F)^{77}Ge / ^{82}Br / ^{85}Kr / ^{85}Sr / ^{85}Y / ^{87}Kr / ^{87}Sr / ^{87}Y / ^{88}Kr / ^{91}Sr / ^{91}Y / ^{92}Sr / ^{92}Y / ^{93}Y / ^{93}Mo / ^{93}Tc / ^{95}Zr / ^{95}Nb / ^{95}Tc / ^{96}Nb / ^{97}Zr / ^{97}Nb / ^{99}Mo / ^{99}Tc / ^{99}Rh / ^{101}Tc / ^{101}Rh / ^{103}Ru / ^{105}Ru / ^{105}Rh / ^{109}In / ^{111}Pd / ^{111}Ag / ^{112}Pd / ^{112}Ag / ^{113}Ag / ^{115}Ag / ^{115}Cd / ^{117}Cd / ^{117}In, E=50, 3500 MeV; measured Eγ, Iγ; deduced yield of fission fragments, symmetric contribution high-energy fission component. JOUR PANUE 73 24
	2010SE05	NUCLEAR REACTIONS ^{90}Zr(n, α), (n, p), (n, 2n), (n, X)^{89m}Y, ^{91}Zr(n, nα), (n, p), (n, X)^{90m}Y, ^{92}Zr(n, p), (n, X)^{91m}Y, ^{94}Zr(n, α), (n, p), (n, X)^{93}Y, E=13.1-20.6 MeV; measured σ using activation method. Comparison with TALYS calculations. JOUR NUPAB 832 149
^{92}Zr	2008BEZH	NUCLEAR MOMENTS ^{70}Ge, ^{68}Zn, ^{92,94}Zr, ^{36,38,40}S, ^{38,40,42}Ar; measured hyperfine spectra, Doppler-shifted γ-spectra; deduced g factors. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P49,Benczer-Kolle
	2008TAZG	NUCLEAR REACTIONS ^{90,91,92,93,94,96}Zr(n, γ), ^{139}La(n, γ), E=1 eV-1 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin; deduced average σ, capture kernels; calculated ^{90,91,92,94,96}Zr, ^{139}La average σ; using n-TOF and JENDL-3.3 data. CONF Nice (Nucl Data for Sci and Technol) Proc,P1303
	2009SCZV	NUCLEAR REACTIONS ^{92}Zr(e, e'), E=63 MeV; measured Ee, Ie, θ(e); deduced B(E2) using PWBA and QPM (Quasiparticle-Phonon Model) calculations. Compared with data obtained from (n, n'γ) reaction. CONF Cologne (Capture Gamma-Ray Spectroscopy) Proc,P607,Scheikh-Obeid

A=92 *(continued)*

	2010CO02	NUCLEAR REACTIONS ^{197}Au, ^{151}Sm, Pb, ^{204,206,207,208}Pb, ^{209}Bi, ^{139}La, ^{232}Th, ^{24,25,26}Mg, ^{90,91,92,93,94,95,96}Zr, ^{186,187,188}Os, ^{233,234,235,236,238}U, ^{237}Np, ^{240}Pu, ^{241,243}Am, ^{245}Cm(n, γ), E=0.001-1 MeV; measured Eγ, Iγ, fission fragments; deduced σ. JOUR ARISE 68 643
	2010UT01	NUCLEAR REACTIONS ^{96}Zr(γ, n), E=8.1-14 MeV; measured Eγ, Iγ, En, In, σ. Laser Compton-scattered (LCS) beam. Comparisons with previous data and with QRPA and Lorentzian model calculation. ^{90,91,92,93,94,95,96}Zr(n, γ), E=1 keV to 1 MeV; comparison of previous experimental cross sections with calculated values from Hartree-Fock-Bogoliubov (HFB) and quasiparticle random-phase approximation (QRPA). JOUR PRVCA 81 035801
^{92}Nb	2009ZH37	NUCLEAR REACTIONS ^{93}Nb, ^{122,128}Te(n, 2n)^{92m}Nb / ^{121}Te / ^{121m}Te / ^{127}Te / ^{127m}Te / , E=14 MeV; measured Eγ, Iγ and σ by activation method relative to that for ^{93}Nb(n, 2n)^{92m}Nb reaction; analyzed σ for ^{121g}Te and ^{127g}Te by considering effects of population of isomeric states. JOUR PRVCA 80 054615
	2010EL04	NUCLEAR REACTIONS ^{60}Ni, ^{95}Mo(n, p), ^{92}Mo(n, α), ^{90}Zr(n, 2n), ^{54}Fe, ^{58}Ni, ^{92}Mo(n, p) E=fission spectrum; measured Eγ, Iγ; deduced σ; deduced lower values for experimental uncertainties vs. calculated. JOUR ARISE 68 2007
	2010LE13	NUCLEAR REACTIONS Mo(p, X)^{93}Tc / ^{94}Tc / ^{95}Tc / ^{96}Tc / ^{99}Tc / ^{90}Mo / ^{93}Mo / ^{99}Mo / ^{90}Nb / ^{92}Nb / ^{95}Nb / ^{96}Nb / ^{89}Zr / ^{62}Zn / ^{63}Zn / ^{65}Zn, E=8.4-37.1 MeV; measured reaction products, Eγ, Iγ; deduced yields, σ. JOUR ARISE 68 2355
	2010LU01	NUCLEAR REACTIONS ^{152,154,160}Gd, ^{93}Nb(n, 2n), ^{156,157,158}Gd(n, p), ^{27}Al, ^{158}Gd(n, α), E=13.5-14.8 MeV; measured Eγ, Iγ; deduced σ. Compared with available experimental data. JOUR RAACA 98 127
	2010PA30	NUCLEAR REACTIONS ^{89}Y(^{9}Be, xn)^{96}Tc / ^{95}Tc / ^{94}Tc / ^{92}Nb, E=19-33 MeV; ^{89}Y(^{12}C, xn)^{99}Rh / ^{98}Rh / ^{97}Rh / ^{96}Tc / ^{95}Tc, E=32-47 MeV; ^{93}Nb(α, xn)^{96}Tc / ^{95}Tc, E=10-17 MeV; measured Eγ, Iγ, complete and incomplete fusion σ(E), excitation functions deduced barrier distributions and breakup effects. Coupled-channel (CC) calculations. JOUR PRVCA 82 044608
	2010RA09	NUCLEAR REACTIONS ^{89}Y, ^{90}Zr, ^{93}Nb, ^{133}Cs, ^{197}Au(γ, n), ^{99}Tc(γ, 3n), E<32 MeV; measured Eγ, Iγ; deduced σ and uncertainties. Bremsstrahlung photons. JOUR JNSTA 47 618
	2010UD01	NUCLEAR REACTIONS ^{54}Fe, ^{59}Co, ^{92}Mo(n, p), E>1.5 MeV; measured Eγ, Iγ; deduced σ. JOUR ARISE 68 1656
	2010ZH08	NUCLEAR REACTIONS ^{89}Y(n, γ), ^{93}Nb, ^{90}Zr(n, 2n), E=13.5-14.6 MeV;measured Eγ, Iγ; deduced σ. JOUR NIMBE 268 1367
^{92}Mo	2008SCZS	NUCLEAR REACTIONS ^{92,94,96,98,100}Mo(γ, γ'), (γ, n), E<13.2 MeV;measured reaction products; ^{92,94,96,98,100}Mo; deduced σ, dipole-strength distributions. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P355,Schwengner

A=92 *(continued)*

	2010ER01	NUCLEAR REACTIONS ^{92,94,96,98,100}Mo(γ, γ'), E=bremsstrahlung spectrum with endpoints at 13.2 and 13.9 MeV; measured γ spectra, $\gamma(\theta)$, photon yields, photon strength functions. ^{92,94,96,98,100}Mo(γ, n), E<20 MeV bremsstrahlung spectrum; measured γ continuum spectra, activation yields, and σ; deduced dipole strength functions, GDR. Comparisons with RIPL-2 database, Lorentzian parametrizations, and calculations using TALYS code. JOUR PRVCA 81 034319
	2010GO15	NUCLEAR REACTIONS ^{92}Mo(n, n'γ), E not given; measured Eγ, Iγ; deduced level energies, yields, $\sigma(\theta)$. JOUR PANUE 73 1289
^{92}Ru	2008CHZN	NUCLEAR REACTIONS ^{40}Ca(^{58}Ni, 2pα), E=240 MeV; ^{40}Ca(^{58}Ni, 3pα), E=240 MeV; ^{40}Ca(^{58}Ni, 4p), E=240 MeV; measured Eγ, I$\gamma(\theta$, t); deduced d$\sigma(\theta)$, f-factors. Results on CD only. CONF E.Lansing (NS2008),P15,Chiara

A=93

^{93}Kr	2010HW03	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-, (x ray)-γ coin, half-lives by γ(t) using Gammasphere array. ^{93}Kr, ^{151,153}Pr, ^{157}Sm; deduced levels, J, π, bands, configurations, conversion coefficients, B(E1) / B(E2) ratios. ^{96,97,98,99}Y, ^{149,150}Pr; measured Eγ. JOUR PRVCA 82 034308
^{93}Rb	2010RE01	NUCLEAR REACTIONS ^{232}Th(^{6}Li, X), E=45 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, particle spectra, (particle)γ-coin, (particle)γ-correlations using STARS Si array at LBNL and Ge detectors. ^{88}Br, ^{93}Rb, ^{95,98,99}Y, ^{99}Mo, ^{100}Tc, ^{121,123}In, ^{119,120,121,122,123,124,125,126,127}Sn, ^{123,125,127,131}Sb, ^{131}I, ^{132}Te, ^{134,136}Xe; measured isomer half-lives; deduced levels, J, π. Level systematics of neighboring Sn, Sb and In nuclides. JOUR PRVCA 81 014301
	2010SI17	NUCLEAR REACTIONS ^{235}U(n, F)^{93}Rb / ^{95}Rb; measured Eγ, Iγ, $\gamma\gamma$-, (fragment)γ-coin, and half-lives using FIFI fragment identification system and Ge detector array. ^{93,95}Rb; deduced levels, J, π, isomers, transition probabilities, and configurations. Comparison with shell-model calculations. JOUR PRVCA 82 024302
	2010SI17	RADIOACTIVITY ^{248}Cm, ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$, and half-lives using EUROGAM-II and Gammasphere arrays. ^{91,93,95}Rb; deduced levels, J, π, isomers, transition probabilities, and configurations. Comparison with shell-model calculations. Systematics of low-lying levels in ^{89,91,93,95}Rb. ^{93}Rb, ^{95}Y; comparison of experimental and calculated spectra. JOUR PRVCA 82 024302
^{93}Y	2010DE01	NUCLEAR REACTIONS ^{232}Th(γ, F)^{77}Ge / ^{82}Br / ^{85}Kr / ^{85}Sr / ^{85}Y / ^{87}Kr / ^{87}Sr / ^{87}Y / ^{88}Kr / ^{91}Sr / ^{91}Y / ^{92}Sr / ^{92}Y / ^{93}Y / ^{93}Mo / ^{93}Tc / ^{95}Zr / ^{95}Nb / ^{95}Tc / ^{96}Nb / ^{97}Zr / ^{97}Nb / ^{99}Mo / ^{99}Tc / ^{99}Rh / ^{101}Tc / ^{101}Rh / ^{103}Ru / ^{105}Ru / ^{105}Rh / ^{109}In / ^{111}Pd / ^{111}Ag / ^{112}Pd / ^{112}Ag / ^{113}Ag / ^{115}Ag / ^{115}Cd / ^{117}Cd / ^{117}In, E=50, 3500 MeV; measured Eγ, Iγ; deduced yield of fission fragments, symmetric contribution high-energy fission component. JOUR PANUE 73 24

A=93 *(continued)*

	2010SE05	NUCLEAR REACTIONS ^{90}Zr(n, α), (n, p), (n, 2n), (n, X)^{89m}Y, ^{91}Zr(n, nα), (n, p), (n, X)^{90m}Y, ^{92}Zr(n, p), (n, X)^{91m}Y, ^{94}Zr(n, α), (n, p), (n, X)^{93}Y, E=13.1-20.6 MeV; measured σ using activation method. Comparison with TALYS calculations. JOUR NUPAB 832 149
^{93}Zr	2008TAZG	NUCLEAR REACTIONS ^{90,91,92,93,94,96}Zr(n, γ), ^{139}La(n, γ), E=1 eV-1 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin; deduced average σ, capture kernels; calculated ^{90,91,92,94,96}Zr, ^{139}La average σ; using n-TOF and JENDL-3.3 data. CONF Nice (Nucl Data for Sci and Technol) Proc,P1303
	2010CO02	NUCLEAR REACTIONS ^{197}Au, ^{151}Sm, Pb, ^{204,206,207,208}Pb, ^{209}Bi, ^{139}La, ^{232}Th, ^{24,25,26}Mg, ^{90,91,92,93,94,95,96}Zr, ^{186,187,188}Os, ^{233,234,235,236,238}U, ^{237}Np, ^{240}Pu, ^{241,243}Am, ^{245}Cm(n, γ), E=0.001-1 MeV; measured Eγ, Iγ, fission fragments; deduced σ. JOUR ARISE 68 643
	2010TA09	NUCLEAR REACTIONS ^{92}Zr(n, γ), E=0-40 keV; measured capture yield. Deduced resonance parameters, and neutron capture σ at CERN n_TOF facility. Comparison with previous data. JOUR PRVCA 81 055801
	2010UT01	NUCLEAR REACTIONS ^{96}Zr(γ, n), E=8.1-14 MeV; measured Eγ, Iγ, En, In, σ. Laser Compton-scattered (LCS) beam. Comparisons with previous data and with QRPA and Lorentzian model calculation. ^{90,91,92,93,94,95,96}Zr(n, γ), E=1 keV to 1 MeV; comparison of previous experimental cross sections with calculated values from Hartree-Fock-Bogoliubov (HFB) and quasiparticle random-phase approximation (QRPA). JOUR PRVCA 81 035801
	2010YA01	RADIOACTIVITY ^{93}Zr(β^-); measured Eγ, Iγ; deduced $T_{1/2}$. JOUR RAACA 98 59
^{93}Nb	2007WA45	NUCLEAR REACTIONS ^{82}Se(^{16}O, 4np), E=100 MeV; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin, $\gamma(\theta)$, DCO ratios; ^{93}Nb; deduced high-spin levels, J, π, isomer $T_{1/2}$, configurations, γ linear polarization. Deformed independent particle model calculations. JOUR JUPSA 76 114202
	2010FO10	NUCLEAR REACTIONS ^{173}Yb(^{24}Mg, X), E=134.5 MeV; ^{176}Yb(^{23}Na, X), E=129 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin following fission of compound nuclei using Gammasphere array. ^{96,97}Nb; deduced levels, J, π, high-spin states. Comparison with level systematics of ^{95,96}Zr. Systematics of first 2+ states in N=48-58, even-A Zr nuclei; first 13 / 2+ states in A=89-97 Nb nuclei, and low-spin states in ^{87}Nb and ^{101}Nb. ^{93,94,95}Nb, ^{117,118,119}Sn; measured Eγ, Iγ. JOUR PRVCA 82 044306
	2010OR01	NUCLEAR REACTIONS ^{93}Nb(n, n'γ), E=1.5-3 MeV; ^{92}Zr(p, 2nγ), E=11.5-19 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma(\theta)$, $\gamma\gamma(\theta)$, level half-lives by DSAM. ^{93}Nb; deduced levels, J, π, multipolarity, mixing ratios, configurations, B(M1), B(E2), One-phonon isoscalar and isovector excitations. Comparison with shell-model calculations. JOUR PRVCA 82 044317
	2010YA01	RADIOACTIVITY ^{93}Zr(β^-); measured Eγ, Iγ; deduced $T_{1/2}$. JOUR RAACA 98 59

A=93 *(continued)*

^{93}Mo	2008SCZS	NUCLEAR REACTIONS ^{92,94,96,98,100}Mo(γ, γ'), (γ, n), E<13.2 MeV;measured reaction products; ^{92,94,96,98,100}Mo; deduced σ, dipole-strength distributions. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P355,Schwengner
	2010DE01	NUCLEAR REACTIONS ^{232}Th(γ, F)^{77}Ge / ^{82}Br / ^{85}Kr / ^{85}Sr / ^{85}Y / ^{87}Kr / ^{87}Sr / ^{87}Y / ^{88}Kr / ^{91}Sr / ^{91}Y / ^{92}Sr / ^{92}Y / ^{93}Y / ^{93}Mo / ^{93}Tc / ^{95}Zr / ^{95}Nb / ^{95}Tc / ^{96}Nb / ^{97}Zr / ^{97}Nb / ^{99}Mo / ^{99}Tc / ^{99}Rh / ^{101}Tc / ^{101}Rh / ^{103}Ru / ^{105}Ru / ^{105}Rh / ^{109}In / ^{111}Pd / ^{111}Ag / ^{112}Pd / ^{112}Ag / ^{113}Ag / ^{115}Ag / ^{115}Cd / ^{117}Cd / ^{117}In, E=50, 3500 MeV; measured Eγ, Iγ; deduced yield of fission fragments, symmetric contribution high-energy fission component. JOUR PANUE 73 24
	2010ER01	NUCLEAR REACTIONS ^{92,94,96,98,100}Mo(γ, γ'), E=bremsstrahlung spectrum with endpoints at 13.2 and 13.9 MeV; measured γ spectra, $\gamma(\theta)$, photon yields, photon strength functions. ^{92,94,96,98,100}Mo(γ, n), E<20 MeV bremsstrahlung spectrum; measured γ continuum spectra, activation yields, and σ; deduced dipole strength functions, GDR. Comparisons with RIPL-2 database, Lorentzian parametrizations, and calculations using TALYS code. JOUR PRVCA 81 034319
	2010LE13	NUCLEAR REACTIONS Mo(p, X)^{93}Tc / ^{94}Tc / ^{95}Tc / ^{96}Tc / ^{99}Tc / ^{90}Mo / ^{93}Mo / ^{99}Mo / ^{90}Nb / ^{92}Nb / ^{95}Nb / ^{96}Nb / ^{89}Zr / ^{62}Zn / ^{63}Zn / ^{65}Zn, E=8.4-37.1 MeV; measured reaction products, Eγ, Iγ; deduced yields, σ. JOUR ARISE 68 2355
	2010MA10	NUCLEAR REACTIONS Zr(^{7}Li, X)^{93}Tc / ^{94}Tc / ^{94m}Tc / ^{95}Tc / ^{96}Tc / ^{96m}Tc / ^{93m}Mo / ^{90}Nb / ^{96}Nb, E=37-45 MeV; Y(^{9}Be, X)^{93}Tc / ^{94}Tc / ^{95}Tc / ^{93m}Mo, E=30-48 MeV; measured Eγ, Iγ, σ, and excitation functions. Comparisons with calculations using ALICE91 and PACE-II computer codes. JOUR PRVCA 81 024603
^{93}Tc	2010DE01	NUCLEAR REACTIONS ^{232}Th(γ, F)^{77}Ge / ^{82}Br / ^{85}Kr / ^{85}Sr / ^{85}Y / ^{87}Kr / ^{87}Sr / ^{87}Y / ^{88}Kr / ^{91}Sr / ^{91}Y / ^{92}Sr / ^{92}Y / ^{93}Y / ^{93}Mo / ^{93}Tc / ^{95}Zr / ^{95}Nb / ^{95}Tc / ^{96}Nb / ^{97}Zr / ^{97}Nb / ^{99}Mo / ^{99}Tc / ^{99}Rh / ^{101}Tc / ^{101}Rh / ^{103}Ru / ^{105}Ru / ^{105}Rh / ^{109}In / ^{111}Pd / ^{111}Ag / ^{112}Pd / ^{112}Ag / ^{113}Ag / ^{115}Ag / ^{115}Cd / ^{117}Cd / ^{117}In, E=50, 3500 MeV; measured Eγ, Iγ; deduced yield of fission fragments, symmetric contribution high-energy fission component. JOUR PANUE 73 24
	2010LE13	NUCLEAR REACTIONS Mo(p, X)^{93}Tc / ^{94}Tc / ^{95}Tc / ^{96}Tc / ^{99}Tc / ^{90}Mo / ^{93}Mo / ^{99}Mo / ^{90}Nb / ^{92}Nb / ^{95}Nb / ^{96}Nb / ^{89}Zr / ^{62}Zn / ^{63}Zn / ^{65}Zn, E=8.4-37.1 MeV; measured reaction products, Eγ, Iγ; deduced yields, σ. JOUR ARISE 68 2355
	2010MA10	NUCLEAR REACTIONS Zr(^{7}Li, X)^{93}Tc / ^{94}Tc / ^{94m}Tc / ^{95}Tc / ^{96}Tc / ^{96m}Tc / ^{93m}Mo / ^{90}Nb / ^{96}Nb, E=37-45 MeV; Y(^{9}Be, X)^{93}Tc / ^{94}Tc / ^{95}Tc / ^{93m}Mo, E=30-48 MeV; measured Eγ, Iγ, σ, and excitation functions. Comparisons with calculations using ALICE91 and PACE-II computer codes. JOUR PRVCA 81 024603

A=93 *(continued)*

^{93}Ru	2009GA40	NUCLEAR REACTIONS Be(^{107}Ag, X)^{82}Nb / ^{84}Nb / ^{86}Tc / ^{87}Tc / ^{88}Tc / ^{90}Rh / ^{93}Ru / ^{94}Pd / ^{96}Pd, E=750 MeV / nucleon; measured Eγ, Iγ, isomer half-lives, and isomeric ratios, time-of-flight and energy loss for fragment identification, RISING array and MUSIC system at GSI facility. ^{82,84}Nb, ^{86,87,88}Tc, ^{93}Ru, ^{94,96}Pd; deduced levels, isomers, J, π, and half-lives. ^{82}Nb, ^{86}Tc; calculated potential energy surfaces. ^{82}Nb, ^{86,88}Tc; calculated levels by shell-model and comparison with level systematics of ^{82}Zr and ^{86}Mo. JOUR PRVCA 80 064303

A=94

^{94}Kr	2010NA13	ATOMIC MASSES ^{80,86,87,94,96,97}Kr; measured cyclotron frequencies and ratios; deduced mass excess, deformation. Penning-trap mass spectrometer at ISOLDE, CERN. JOUR PRLTA 105 032502
^{94}Sr	2010HE16	NUCLEAR REACTIONS ^{40}Ca(^{40}Ca, 2p), ^{48}Ca(^{48}Ca, 2p), E=80 MeV / nucleon; measured Ep, Ip(θ), pp-coin, Z(particle), A(particle), particle multiplicity, total transverse energy; deduced pp correlation function, emitting source size. JOUR NUPAB 834 552c
^{94}Y	2010SE05	NUCLEAR REACTIONS ^{90}Zr(n, α), (n, p), (n, 2n), (n, X)^{89m}Y, ^{91}Zr(n, nα), (n, p), (n, X)^{90m}Y, ^{92}Zr(n, p), (n, X)^{91m}Y, ^{94}Zr(n, α), (n, p), (n, X)^{93}Y, E=13.1-20.6 MeV; measured σ using activation method. Comparison with TALYS calculations. JOUR NUPAB 832 149
^{94}Zr	2008BEZH	NUCLEAR MOMENTS ^{70}Ge, ^{68}Zn, ^{92,94}Zr, ^{36,38,40}S, ^{38,40,42}Ar; measured hyperfine spectra, Doppler-shifted γ-spectra; deduced g factors. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P49,Benczer-Kolle
	2008ELZV	NUCLEAR REACTIONS ^{94}Zr(n, n'γ), E=2.3-5 MeV; measured Eγ, Iγ(θ), $\gamma\gamma$-coin; deduced levels, J, π, mixed-symmetry states, B(E2), B(M1), mixing ratio; calculated levels. Compared to data. Results on CD only. CONF E.Lansing (NS2008),P100,Elhami
	2008TAZG	NUCLEAR REACTIONS ^{90,91,92,93,94,96}Zr(n, γ), ^{139}La(n, γ), E=1 eV-1 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin; deduced average σ, capture kernels; calculated ^{90,91,92,94,96}Zr, ^{139}La average σ; using n-TOF and JENDL-3.3 data. CONF Nice (Nucl Data for Sci and Technol) Proc,P1303
	2008WEZW	RADIOACTIVITY ^{66}Ge; ^{68}Ge; ^{94}Zr; ^{120}Te; measured decay products; deduced B(E2), $T_{1/2}$; ^{140}Nd; measured Eγ, Iγ(θ), $\gamma\gamma$(θ)-coin; deduced E, J, π, mixed-symmetry states. Results on CD only. CONF E.Lansing (NS2008),P23,Werner
	2009YAZT	NUCLEAR REACTIONS ^{94}Zr(n, n'γ), E not given; measured Eγ, Iγ, $\gamma\gamma$-coin.; deduced E, J, π, B(M1), B(E2), bands, mixed-symmetry states. CONF Cologne (Capture Gamma-Ray Spectroscopy) Proc,P517,Yates
	2010CO02	NUCLEAR REACTIONS ^{197}Au, ^{151}Sm, Pb, ^{204,206,207,208}Pb, ^{209}Bi, ^{139}La, ^{232}Th, ^{24,25,26}Mg, ^{90,91,92,93,94,95,96}Zr, ^{186,187,188}Os, ^{233,234,235,236,238}U, ^{237}Np, ^{240}Pu, ^{241,243}Am, ^{245}Cm(n, γ), E=0.001-1 MeV; measured Eγ, Iγ, fission fragments; deduced σ. JOUR ARISE 68 643

A=94 *(continued)*

	2010UT01	NUCLEAR REACTIONS ^{96}Zr(γ, n), E=8.1-14 MeV; measured Eγ, Iγ, En, In, σ. Laser Compton-scattered (LCS) beam. Comparisons with previous data and with QRPA and Lorentzian model calculation. ^{90,91,92,93,94,95,96}Zr(n, γ), E=1 keV to 1 MeV; comparison of previous experimental cross sections with calculated values from Hartree-Fock-Bogoliubov (HFB) and quasiparticle random-phase approximation (QRPA). JOUR PRVCA 81 035801
^{94}Nb	2010FO10	NUCLEAR REACTIONS ^{173}Yb(^{24}Mg, X), E=134.5 MeV; ^{176}Yb(^{23}Na, X), E=129 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin following fission of compound nuclei using Gammasphere array. ^{96,97}Nb; deduced levels, J, π, high-spin states. Comparison with level systematics of ^{95,96}Zr. Systematics of first 2+ states in N=48-58, even-A Zr nuclei; first 13 / 2+ states in A=89-97 Nb nuclei, and low-spin states in ^{87}Nb and ^{101}Nb. ^{93,94,95}Nb, ^{117,118,119}Sn; measured Eγ, Iγ. JOUR PRVCA 82 044306
^{94}Mo	2008PIZW	NUCLEAR REACTIONS ^{94}Mo(e, e'), E=70 MeV; measured reaction products;^{94}Mo; deduced level energies, J, π, $\sigma(\theta)$, form factors. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P325,Pietralla
	2008SCZS	NUCLEAR REACTIONS ^{92,94,96,98,100}Mo(γ, γ'), (γ, n), E<13.2 MeV;measured reaction products; ^{92,94,96,98,100}Mo; deduced σ, dipole-strength distributions. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P355,Schwengner
	2010ER01	NUCLEAR REACTIONS ^{92,94,96,98,100}Mo(γ, γ'), E=bremsstrahlung spectrum with endpoints at 13.2 and 13.9 MeV; measured γ spectra, $\gamma(\theta)$, photon yields, photon strength functions. ^{92,94,96,98,100}Mo(γ, n), E<20 MeV bremsstrahlung spectrum; measured γ continuum spectra, activation yields, and σ; deduced dipole strength functions, GDR. Comparisons with RIPL-2 database, Lorentzian parametrizations, and calculations using TALYS code. JOUR PRVCA 81 034319
^{94}Tc	2010LE13	NUCLEAR REACTIONS Mo(p, X)^{93}Tc / ^{94}Tc / ^{95}Tc / ^{96}Tc / ^{99}Tc / ^{90}Mo / ^{93}Mo / ^{99}Mo / ^{90}Nb / ^{92}Nb / ^{95}Nb / ^{96}Nb / ^{89}Zr / ^{62}Zn / ^{63}Zn / ^{65}Zn, E=8.4-37.1 MeV; measured reaction products, Eγ, Iγ; deduced yields, σ. JOUR ARISE 68 2355
	2010MA10	NUCLEAR REACTIONS Zr(^{7}Li, X)^{93}Tc / ^{94}Tc / ^{94m}Tc / ^{95}Tc / ^{96}Tc / ^{96m}Tc / ^{93m}Mo / ^{90}Nb / ^{96}Nb, E=37-45 MeV; Y(^{9}Be, X)^{93}Tc / ^{94}Tc / ^{95}Tc / ^{93m}Mo, E=30-48 MeV; measured Eγ, Iγ, σ, and excitation functions. Comparisons with calculations using ALICE91 and PACE-II computer codes. JOUR PRVCA 81 024603
	2010PA30	NUCLEAR REACTIONS ^{89}Y(^{9}Be, xn)^{96}Tc / ^{95}Tc / ^{94}Tc / ^{92}Nb, E=19-33 MeV; ^{89}Y(^{12}C, xn)^{99}Rh / ^{98}Rh / ^{97}Rh / ^{96}Tc / ^{95}Tc, E=32-47 MeV; ^{93}Nb(α, xn)^{96}Tc / ^{95}Tc, E=10-17 MeV; measured Eγ, Iγ, complete and incomplete fusion σ(E), excitation functions deduced barrier distributions and breakup effects. Coupled-channel (CC) calculations. JOUR PRVCA 82 044608
^{94}Ru	2008CHZN	NUCLEAR REACTIONS ^{40}Ca(^{58}Ni, 2pα), E=240 MeV; ^{40}Ca(^{58}Ni, 3pα), E=240 MeV; ^{40}Ca(^{58}Ni, 4p), E=240 MeV; measured Eγ, I$\gamma(\theta$, t); deduced d$\sigma(\theta)$, f-factors. Results on CD only. CONF E.Lansing (NS2008),P15,Chiara

A=94 *(continued)*

^{94}Pd	2009GA40	NUCLEAR REACTIONS Be(^{107}Ag, X)^{82}Nb / ^{84}Nb / ^{86}Tc / ^{87}Tc / ^{88}Tc / ^{90}Rh / ^{93}Ru / ^{94}Pd / ^{96}Pd, E=750 MeV / nucleon; measured Eγ, Iγ, isomer half-lives, and isomeric ratios, time-of-flight and energy loss for fragment identification, RISING array and MUSIC system at GSI facility. ^{82,84}Nb, ^{86,87,88}Tc, ^{93}Ru, ^{94,96}Pd; deduced levels, isomers, J, π, and half-lives. ^{82}Nb, ^{86}Tc; calculated potential energy surfaces. ^{82}Nb, ^{86,88}Tc; calculated levels by shell-model and comparison with level systematics of ^{82}Zr and ^{86}Mo. JOUR PRVCA 80 064303

A=95

^{95}Se	2010OH02	NUCLEAR REACTIONS Be, Pb(^{238}U, F), E=345 MeV / nucleon; measured yields of fission fragments. Z=20-56, A=52-152; measured yields. ^{71}Mn, ^{73,74}Fe, ^{76}Co, ^{79}Ni, ^{81,82}Cu, ^{84,85}Zn, ^{87}Ga, ^{90}Ge, ^{95}Se, ^{98}Br, ^{101}Kr, ^{103}Rb, ^{106,107}Sr, ^{108,109}Y, ^{111,112}Zr, ^{114,115}Nb, ^{115,116,117}Mo, ^{119,120}Tc, ^{121,122,123,124}Ru, ^{123,124,125,126}Rh, ^{127,128}Pd, ^{133}Cd, ^{138}Sn, ^{140}Sb, ^{143}Te, ^{145}I, ^{148}Xe, ^{152}Ba; measured yields and cross sections, identified new isotopes using RI beam factory at RIKEN, ΔE-TOF-Bρ method. JOUR JUPSA 79 073201
^{95}Rb	2008FOZS	NUCLEAR REACTIONS ^{9}Be(^{238}U, X), E=80 MeV / nucleon; measured thick target E(particle), I(particle), A(particle), Z(particle), Eγ, Iγ, (particle)γ-coin. ^{60}Mn, ^{78}Ga, ^{82}Ga, ^{92}Br, ^{95}Rb, ^{98}Rb, ^{92}Y, ^{101}Y, ^{112}Tc deduced isomeric transition, $T_{1/2}$, isomer ratio. Results on CD only. CONF E.Lansing (NS2008),P104,Folden
	2010SI17	NUCLEAR REACTIONS ^{235}U(n, F)^{93}Rb / ^{95}Rb; measured Eγ, Iγ, $\gamma\gamma$-, (fragment)γ-coin, and half-lives using FIFI fragment identification system and Ge detector array. ^{93,95}Rb; deduced levels, J, π, isomers, transition probabilities, and configurations. Comparison with shell-model calculations. JOUR PRVCA 82 024302
	2010SI17	RADIOACTIVITY ^{248}Cm, ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$, and half-lives using EUROGAM-II and Gammasphere arrays. ^{91,93,95}Rb; deduced levels, J, π, isomers, transition probabilities, and configurations. Comparison with shell-model calculations. Systematics of low-lying levels in ^{89,91,93,95}Rb. ^{93}Rb, ^{95}Y; comparison of experimental and calculated spectra. JOUR PRVCA 82 024302
^{95}Y	2010RE01	NUCLEAR REACTIONS ^{232}Th(^{6}Li, X), E=45 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, particle spectra, (particle)γ-coin, (particle)γ-correlations using STARS Si array at LBNL and Ge detectors. ^{88}Br, ^{93}Rb, ^{95,98,99}Y, ^{99}Mo, ^{100}Tc, ^{121,123}In, ^{119,120,121,122,123,124,125,126,127}Sn, ^{123,125,127,131}Sb, ^{131}I, ^{132}Te, ^{134,136}Xe; measured isomer half-lives; deduced levels, J, π. Level systematics of neighboring Sn, Sb and In nuclides. JOUR PRVCA 81 014301
	2010SI17	RADIOACTIVITY ^{248}Cm, ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$, and half-lives using EUROGAM-II and Gammasphere arrays. ^{91,93,95}Rb; deduced levels, J, π, isomers, transition probabilities, and configurations. Comparison with shell-model calculations. Systematics of low-lying levels in ^{89,91,93,95}Rb. ^{93}Rb, ^{95}Y; comparison of experimental and calculated spectra. JOUR PRVCA 82 024302

A=95 *(continued)*

^{95}Zr	2008TAZG	NUCLEAR REACTIONS ^{90,91,92,93,94,96}Zr(n, γ), ^{139}La(n, γ), E=1 eV-1 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin; deduced average σ, capture kernels; calculated ^{90,91,92,94,96}Zr, ^{139}La average σ; using n-TOF and JENDL-3.3 data. CONF Nice (Nucl Data for Sci and Technol) Proc,P1303
	2010CH41	NUCLEAR REACTIONS ^{239}Pu(n, F)^{99}Mo / ^{95}Zr / ^{140}Ba / ^{144}Ce / ^{147}Nd, E=0.2-2 MeV; measured fission products; deduced fission product yields and its energy dependence. Comparison with ENDF / B-VII.0 library, LANL-ILRR measurements. JOUR NDSBA 111 2923
	2010CO02	NUCLEAR REACTIONS ^{197}Au, ^{151}Sm, Pb, ^{204,206,207,208}Pb, ^{209}Bi, ^{139}La, ^{232}Th, ^{24,25,26}Mg, ^{90,91,92,93,94,95,96}Zr, ^{186,187,188}Os, ^{233,234,235,236,238}U, ^{237}Np, ^{240}Pu, ^{241,243}Am, ^{245}Cm(n, γ), E=0.001-1 MeV; measured Eγ, Iγ, fission fragments; deduced σ. JOUR ARISE 68 643
	2010DE01	NUCLEAR REACTIONS ^{232}Th(γ, F)^{77}Ge / ^{82}Br / ^{85}Kr / ^{85}Sr / ^{85}Y / ^{87}Kr / ^{87}Sr / ^{87}Y / ^{88}Kr / ^{91}Sr / ^{91}Y / ^{92}Sr / ^{92}Y / ^{93}Y / ^{93}Mo / ^{93}Tc / ^{95}Zr / ^{95}Nb / ^{95}Tc / ^{96}Nb / ^{97}Zr / ^{97}Nb / ^{99}Mo / ^{99}Tc / ^{99}Rh / ^{101}Tc / ^{101}Rh / ^{103}Ru / ^{105}Ru / ^{105}Rh / ^{109}In / ^{111}Pd / ^{111}Ag / ^{112}Pd / ^{112}Ag / ^{113}Ag / ^{115}Ag / ^{115}Cd / ^{117}Cd / ^{117}In, E=50, 3500 MeV; measured Eγ, Iγ; deduced yield of fission fragments, symmetric contribution high-energy fission component. JOUR PANUE 73 24
	2010DI02	NUCLEAR REACTIONS ^{197}Au, ^{94}Zr, ^{64}Zn, ^{45}Sc, ^{139}La(n, γ), E=thermal; measured Eγ, Iγ; deduced shape of neutron flux, covariances. JOUR ARISE 68 592
	2010SE15	NUCLEAR REACTIONS ^{235,238}U, ^{239}Pu(n, F)^{99}Mo / ^{95}Zr / ^{137}Cs / ^{140}Ba / ^{141,143}Ce / ^{147}Nd, E=0.4-1.9 MeV; measured fission products; deduced fission product yields. Comparison with ENDF / B-VII.0 library, BIG TEN critical assembly. JOUR NDSBA 111 2891
	2010UT01	NUCLEAR REACTIONS ^{96}Zr(γ, n), E=8.1-14 MeV; measured Eγ, Iγ, En, In, σ. Laser Compton-scattered (LCS) beam. Comparisons with previous data and with QRPA and Lorentzian model calculation. ^{90,91,92,93,94,95,96}Zr(n, γ), E=1 keV to 1 MeV; comparison of previous experimental cross sections with calculated values from Hartree-Fock-Bogoliubov (HFB) and quasiparticle random-phase approximation (QRPA). JOUR PRVCA 81 035801
^{95}Nb	2010DE01	NUCLEAR REACTIONS ^{232}Th(γ, F)^{77}Ge / ^{82}Br / ^{85}Kr / ^{85}Sr / ^{85}Y / ^{87}Kr / ^{87}Sr / ^{87}Y / ^{88}Kr / ^{91}Sr / ^{91}Y / ^{92}Sr / ^{92}Y / ^{93}Y / ^{93}Mo / ^{93}Tc / ^{95}Zr / ^{95}Nb / ^{95}Tc / ^{96}Nb / ^{97}Zr / ^{97}Nb / ^{99}Mo / ^{99}Tc / ^{99}Rh / ^{101}Tc / ^{101}Rh / ^{103}Ru / ^{105}Ru / ^{105}Rh / ^{109}In / ^{111}Pd / ^{111}Ag / ^{112}Pd / ^{112}Ag / ^{113}Ag / ^{115}Ag / ^{115}Cd / ^{117}Cd / ^{117}In, E=50, 3500 MeV; measured Eγ, Iγ; deduced yield of fission fragments, symmetric contribution high-energy fission component. JOUR PANUE 73 24
	2010EL04	NUCLEAR REACTIONS ^{60}Ni, ^{95}Mo(n, p), ^{92}Mo(n, α), ^{90}Zr(n, 2n), ^{54}Fe, ^{58}Ni, ^{92}Mo(n, p) E=fission spectrum; measured Eγ, Iγ; deduced σ; deduced lower values for experimental uncertainties vs. calculated. JOUR ARISE 68 2007

A=95 *(continued)*

	2010ERZY	NUCLEAR REACTIONS Mo(γ, xnyp), E=67.7 MeV bremsstrahlung; measured yields with activation method in multiparticle photodisintegration. ^{90,99}Mo, ^{97,96,95,90,89}Nb, ^{89}Zr; deduced relative yields. CONF St.-Petersburg,P190,Ermakov
	2010FO10	NUCLEAR REACTIONS ^{173}Yb(^{24}Mg, X), E=134.5 MeV; ^{176}Yb(^{23}Na, X), E=129 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin following fission of compound nuclei using Gammasphere array. ^{96,97}Nb; deduced levels, J, π, high-spin states. Comparison with level systematics of ^{95,96}Zr. Systematics of first 2+ states in N=48-58, even-A Zr nuclei; first 13 / 2+ states in A=89-97 Nb nuclei, and low-spin states in ^{87}Nb and ^{101}Nb. ^{93,94,95}Nb, ^{117,118,119}Sn; measured Eγ, Iγ. JOUR PRVCA 82 044306
	2010LE13	NUCLEAR REACTIONS Mo(p, X)^{93}Tc / ^{94}Tc / ^{95}Tc / ^{96}Tc / ^{99}Tc / ^{90}Mo / ^{93}Mo / ^{99}Mo / ^{90}Nb / ^{92}Nb / ^{95}Nb / ^{96}Nb / ^{89}Zr / ^{62}Zn / ^{63}Zn / ^{65}Zn, E=8.4-37.1 MeV; measured reaction products, Eγ, Iγ; deduced yields, σ. JOUR ARISE 68 2355
^{95}Mo	2008SCZS	NUCLEAR REACTIONS ^{92,94,96,98,100}Mo(γ, γ'), (γ, n), E<13.2 MeV;measured reaction products; ^{92,94,96,98,100}Mo; deduced σ, dipole-strength distributions. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P355,Schwengner
	2010ER01	NUCLEAR REACTIONS ^{92,94,96,98,100}Mo(γ, γ'), E=bremsstrahlung spectrum with endpoints at 13.2 and 13.9 MeV; measured γ spectra, $\gamma(\theta)$, photon yields, photon strength functions. ^{92,94,96,98,100}Mo(γ, n), E<20 MeV bremsstrahlung spectrum; measured γ continuum spectra, activation yields, and σ; deduced dipole strength functions, GDR. Comparisons with RIPL-2 database, Lorentzian parametrizations, and calculations using TALYS code. JOUR PRVCA 81 034319
^{95}Tc	2008KIZS	NUCLEAR REACTIONS Ta(n, x), E=0.01-100 eV; Mo(n, x), E=0.01-200 eV; measured En, In using TOF; deduced σ; Mo(p, xn)^{95}Tc, E=2.5-42 MeV;Mo(p, xn)^{96}Tc, E=2.5-42 MeV;Mo(p, xn)^{99}Tc, E=2.5-42 MeV; measured Eγ, Iγ; deduced σ, isomeric σ; calculated σ using ALICE-IPPE. Compared with other data, ENDF / B-VI.8 (n, xn). CONF Nice (Nucl Data for Sci and Technol) Proc,P533
	2010DE01	NUCLEAR REACTIONS ^{232}Th(γ, F)^{77}Ge / ^{82}Br / ^{85}Kr / ^{85}Sr / ^{85}Y / ^{87}Kr / ^{87}Sr / ^{87}Y / ^{88}Kr / ^{91}Sr / ^{91}Y / ^{92}Sr / ^{92}Y / ^{93}Y / ^{93}Mo / ^{93}Tc / ^{95}Zr / ^{95}Nb / ^{95}Tc / ^{96}Nb / ^{97}Zr / ^{97}Nb / ^{99}Mo / ^{99}Tc / ^{99}Rh / ^{101}Tc / ^{101}Rh / ^{103}Ru / ^{105}Ru / ^{105}Rh / ^{109}In / ^{111}Pd / ^{111}Ag / ^{112}Pd / ^{112}Ag / ^{113}Ag / ^{115}Ag / ^{115}Cd / ^{117}Cd / ^{117}In, E=50, 3500 MeV; measured Eγ, Iγ; deduced yield of fission fragments, symmetric contribution high-energy fission component. JOUR PANUE 73 24
	2010LE13	NUCLEAR REACTIONS Mo(p, X)^{93}Tc / ^{94}Tc / ^{95}Tc / ^{96}Tc / ^{99}Tc / ^{90}Mo / ^{93}Mo / ^{99}Mo / ^{90}Nb / ^{92}Nb / ^{95}Nb / ^{96}Nb / ^{89}Zr / ^{62}Zn / ^{63}Zn / ^{65}Zn, E=8.4-37.1 MeV; measured reaction products, Eγ, Iγ; deduced yields, σ. JOUR ARISE 68 2355
	2010MA10	NUCLEAR REACTIONS Zr(^{7}Li, X)^{93}Tc / ^{94}Tc / ^{94m}Tc / ^{95}Tc / ^{96}Tc / ^{96m}Tc / ^{93m}Mo / ^{90}Nb / ^{96}Nb, E=37-45 MeV; Y(^{9}Be, X)^{93}Tc / ^{94}Tc / ^{95}Tc / ^{93m}Mo, E=30-48 MeV; measured Eγ, Iγ, σ, and excitation functions. Comparisons with calculations using ALICE91 and PACE-II computer codes. JOUR PRVCA 81 024603

A=95 *(continued)*

	2010PA30	NUCLEAR REACTIONS ^{89}Y(^{9}Be, xn)^{96}Tc / ^{95}Tc / ^{94}Tc / ^{92}Nb, E=19-33 MeV; ^{89}Y(^{12}C, xn)^{99}Rh / ^{98}Rh / ^{97}Rh / ^{96}Tc / ^{95}Tc, E=32-47 MeV; ^{93}Nb(α, xn)^{96}Tc / ^{95}Tc, E=10-17 MeV; measured Eγ, Iγ, complete and incomplete fusion σ(E), excitation functions deduced barrier distributions and breakup effects. Coupled-channel (CC) calculations. JOUR PRVCA 82 044608

A=96

^{96}Kr	2010NA13	ATOMIC MASSES ^{80,86,87,94,96,97}Kr; measured cyclotron frequencies and ratios; deduced mass excess, deformation. Penning-trap mass spectrometer at ISOLDE, CERN. JOUR PRLTA 105 032502
^{96}Y	2010BA31	NUCLEAR REACTIONS U(p, F)^{89}Y / ^{96}Y / ^{98}Y / ^{99}Y / ^{100}Y, E=30 MeV; measured hyperfine resonance fluorescence spectra; deduced isotope shifts, hyperfine parameters, nuclear spin and prolate shape. JOUR JPGPE 37 105103
	2010HW03	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-, (x ray)-γ coin, half-lives by γ(t) using Gammasphere array. ^{93}Kr, ^{151,153}Pr, ^{157}Sm; deduced levels, J, π, bands, configurations, conversion coefficients, B(E1) / B(E2) ratios. ^{96,97,98,99}Y, ^{149,150}Pr; measured Eγ. JOUR PRVCA 82 034308
	2010ZH36	NUCLEAR REACTIONS ^{48}Ca(^{48}Ca, π^+), (^{48}Ca, π^-), ^{124}Sn(^{124}Sn, π^+), (^{124}Sn, π^-), ^{197}Au(^{197}Au, π^+), (^{197}Au, π^-), E=0.25-0.6 GeV / nucleon; measured pion production yield ratios; deduced radii, symmetry energy. Comparison with isobar model. JOUR NUPAB 834 567c
^{96}Zr	2009DA25	RADIOACTIVITY ^{48}Ca, ^{82}Se, ^{96}Zr, ^{100}Mo, ^{116}Cd, ^{130}Te, ^{150}Nd(2β); measured $T_{1/2}$ for zero / two-neutrino 2β-decay events; deduced effective neutrino mass. JOUR NUPAB 827 495c
	2010CO02	NUCLEAR REACTIONS ^{197}Au, ^{151}Sm, Pb, ^{204,206,207,208}Pb, ^{209}Bi, ^{139}La, ^{232}Th, ^{24,25,26}Mg, ^{90,91,92,93,94,95,96}Zr, ^{186,187,188}Os, ^{233,234,235,236,238}U, ^{237}Np, ^{240}Pu, ^{241,243}Am, ^{245}Cm(n, γ), E=0.001-1 MeV; measured Eγ, Iγ, fission fragments; deduced σ. JOUR ARISE 68 643
	2010SI06	RADIOACTIVITY ^{100}Mo, ^{82}Se, ^{116}Cd, ^{150}Nd, ^{96}Zr, ^{48}Ca, ^{130}Te(2β^-); measured Ee, Ie; deduced $T_{1/2}$. JOUR PPNPD 64 270
	2010UT01	NUCLEAR REACTIONS ^{96}Zr(γ, n), E=8.1-14 MeV; measured Eγ, Iγ, En, In, σ. Laser Compton-scattered (LCS) beam. Comparisons with previous data and with QRPA and Lorentzian model calculation. ^{90,91,92,93,94,95,96}Zr(n, γ), E=1 keV to 1 MeV; comparison of previous experimental cross sections with calculated values from Hartree-Fock-Bogoliubov (HFB) and quasiparticle random-phase approximation (QRPA). JOUR PRVCA 81 035801

A=96 *(continued)*

^{96}Nb	2010DE01	NUCLEAR REACTIONS ^{232}Th(γ, F)^{77}Ge / ^{82}Br / ^{85}Kr / ^{85}Sr / ^{85}Y / ^{87}Kr / ^{87}Sr / ^{87}Y / ^{88}Kr / ^{91}Sr / ^{91}Y / ^{92}Sr / ^{92}Y / ^{93}Y / ^{93}Mo / ^{93}Tc / ^{95}Zr / ^{95}Nb / ^{95}Tc / ^{96}Nb / ^{97}Zr / ^{97}Nb / ^{99}Mo / ^{99}Tc / ^{99}Rh / ^{101}Tc / ^{101}Rh / ^{103}Ru / ^{105}Ru / ^{105}Rh / ^{109}In / ^{111}Pd / ^{111}Ag / ^{112}Pd / ^{112}Ag / ^{113}Ag / ^{115}Ag / ^{115}Cd / ^{117}Cd / ^{117}In, E=50, 3500 MeV; measured Eγ, Iγ; deduced yield of fission fragments, symmetric contribution high-energy fission component. JOUR PANUE 73 24
	2010ERZY	NUCLEAR REACTIONS Mo(γ, xnyp), E=67.7 MeV bremsstrahlung; measured yields with activation method in multiparticle photodisintegration. ^{90,99}Mo, ^{97,96,95,90,89}Nb, ^{89}Zr; deduced relative yields. CONF St.-Petersburg,P190,Ermakov
	2010FO10	NUCLEAR REACTIONS ^{173}Yb(^{24}Mg, X), E=134.5 MeV; ^{176}Yb(^{23}Na, X), E=129 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin following fission of compound nuclei using Gammasphere array. ^{96,97}Nb; deduced levels, J, π, high-spin states. Comparison with level systematics of ^{95,96}Zr. Systematics of first 2+ states in N=48-58, even-A Zr nuclei; first 13 / 2+ states in A=89-97 Nb nuclei, and low-spin states in ^{87}Nb and ^{101}Nb. ^{93,94,95}Nb, ^{117,118,119}Sn; measured Eγ, Iγ. JOUR PRVCA 82 044306
	2010LE13	NUCLEAR REACTIONS Mo(p, X)^{93}Tc / ^{94}Tc / ^{95}Tc / ^{96}Tc / ^{99}Tc / ^{90}Mo / ^{93}Mo / ^{99}Mo / ^{90}Nb / ^{92}Nb / ^{95}Nb / ^{96}Nb / ^{89}Zr / ^{62}Zn / ^{63}Zn / ^{65}Zn, E=8.4-37.1 MeV; measured reaction products, Eγ, Iγ; deduced yields, σ. JOUR ARISE 68 2355
	2010MA10	NUCLEAR REACTIONS Zr(^{7}Li, X)^{93}Tc / ^{94}Tc / ^{94m}Tc / ^{95}Tc / ^{96}Tc / ^{96m}Tc / ^{93m}Mo / ^{90}Nb / ^{96}Nb, E=37-45 MeV; Y(^{9}Be, X)^{93}Tc / ^{94}Tc / ^{95}Tc / ^{93m}Mo, E=30-48 MeV; measured Eγ, Iγ, σ, and excitation functions. Comparisons with calculations using ALICE91 and PACE-II computer codes. JOUR PRVCA 81 024603
	2010ZH36	NUCLEAR REACTIONS ^{48}Ca(^{48}Ca, π^+), (^{48}Ca, π^-), ^{124}Sn(^{124}Sn, π^+), (^{124}Sn, π^-), ^{197}Au(^{197}Au, π^+), (^{197}Au, π^-), E=0.25-0.6 GeV / nucleon; measured pion production yield ratios; deduced radii, symmetry energy. Comparison with isobar model. JOUR NUPAB 834 567c
^{96}Mo	2008SCZS	NUCLEAR REACTIONS ^{92,94,96,98,100}Mo(γ, γ'), (γ, n), E<13.2 MeV;measured reaction products; ^{92,94,96,98,100}Mo; deduced σ, dipole-strength distributions. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P355,Schwengner
	2009BE50	RADIOACTIVITY ^{96}Ru(2β^+), (β^+EC), (2EC); ^{104}Ru(2β^-); measured Eγ, Iγ; deduced $T_{1/2}$ lower limits for various 2β-decay modes, including neutrino-less. HPGe detector at the Gran Sasso National Laboratories. JOUR ZAANE 42 171
	2009KOZU	NUCLEAR REACTIONS ^{95}Mo(n, γ), E not given; measured Eγ, Iγ, $\gamma\gamma$-coin.; deduced E, J, π, pulse-height in resonance regions; ^{147}Sm(n, γ), E=0-700 eV; measured Eγ, Iγ, $\gamma\gamma$-coin.; deduced E, J, π, resonance spacing distributions, reduced neutron width; analyzed width distributions. Compared with Porter-Thomas, Mo measurements using (CIND)ORELA, Sm ones using DANCE at LANSCE. CONF Cologne (Capture Gamma-Ray Spectroscopy) Proc,P424,Koehler

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

	2009SIZY	NUCLEAR REACTIONS Dy(^{3}He, ^{3}He'γ), E=38-45 MeV; Dy(^{3}He, $\alpha\gamma$), E=38-45 MeV; Sm(^{3}He, ^{3}He'γ), E=38-45 MeV; Sm(^{3}He, $\alpha\gamma$), E=38=45 MeV; ^{96}Mo(^{3}He, ^{3}He'γ), E=38-45 MeV; ^{97}Mo(^{3}He, $\alpha\gamma$), E=38=45 MeV; measured Eγ, Iγ, particle-γ-coin.; deduced ^{146,148}Sm, ^{162}Dy nuclear level density, ^{146}Sm nuclear level density, ^{116,117}Sn, ^{163,164}Dy radiative strength function, ^{116,117}Sn possible neutron skin oscillations using also other data; ^{96}Mo radiative strength function enhancement at low energies; calculated^{116,117} Sn radiative strength functions using QRPA. CONF Cologne (Capture Gamma-Ray Spectroscopy) Proc,P66,Siem
	2009WAZW	NUCLEAR REACTIONS ^{77}Se, ^{99}Ru, ^{101}Ru, ^{123}Te(n, α), E=thermal; measured Eα, Iα; deduced E, J, π. CONF Cologne (Capture Gamma-Ray Spectroscopy) Proc,P84,Wagemans
	2010ER01	NUCLEAR REACTIONS ^{92,94,96,98,100}Mo(γ, γ'), E=bremsstrahlung spectrum with endpoints at 13.2 and 13.9 MeV; measured γ spectra, $\gamma(\theta)$, photon yields, photon strength functions. ^{92,94,96,98,100}Mo(γ, n), E<20 MeV bremsstrahlung spectrum; measured γ continuum spectra, activation yields, and σ; deduced dipole strength functions, GDR. Comparisons with RIPL-2 database, Lorentzian parametrizations, and calculations using TALYS code. JOUR PRVCA 81 034319
	2010KR05	RADIOACTIVITY ^{96}Tc(β^+), (EC)[from ^{96}Ru(n, p)]; ^{97}Ru(β^+), (EC)[from ^{96}Ru(n, γ), E<1 eV]; ^{103,105}Ru(β^-)[from ^{102,104}Ru(n, γ), E<1 keV]; ^{105}Rh(β^-)[from ^{105}Ru(β^-)]; measured Eγ, Iγ; deduced Iβ, Iε, logft;^{96}Mo, ^{97}Tc, ^{103,105}Rh, ^{105}Pd; deduced levels. Comparison with previous studies and evaluated data. JOUR PRVCA 81 044310
	2010SI06	RADIOACTIVITY ^{100}Mo, ^{82}Se, ^{116}Cd, ^{150}Nd, ^{96}Zr, ^{48}Ca, ^{130}Te($2\beta^-$); measured Ee, Ie; deduced $T_{1/2}$. JOUR PPNPD 64 270
^{96}Tc	2008KIZS	NUCLEAR REACTIONS Ta(n, x), E=0.01-100 eV; Mo(n, x), E=0.01-200 eV; measured En, In using TOF; deduced σ; Mo(p, xn)^{95}Tc, E=2.5-42 MeV;Mo(p, xn)^{96}Tc, E=2.5-42 MeV;Mo(p, xn)^{99}Tc, E=2.5-42 MeV; measured Eγ, Iγ; deduced σ, isomeric σ; calculated σ using ALICE-IPPE. Compared with other data, ENDF / B-VI.8 (n, xn). CONF Nice (Nucl Data for Sci and Technol) Proc,P533
	2010KR05	RADIOACTIVITY ^{96}Tc(β^+), (EC)[from ^{96}Ru(n, p)]; ^{97}Ru(β^+), (EC)[from ^{96}Ru(n, γ), E<1 eV]; ^{103,105}Ru(β^-)[from ^{102,104}Ru(n, γ), E<1 keV]; ^{105}Rh(β^-)[from ^{105}Ru(β^-)]; measured Eγ, Iγ; deduced Iβ, Iε, logft;^{96}Mo, ^{97}Tc, ^{103,105}Rh, ^{105}Pd; deduced levels. Comparison with previous studies and evaluated data. JOUR PRVCA 81 044310
	2010LE13	NUCLEAR REACTIONS Mo(p, X)^{93}Tc / ^{94}Tc / ^{95}Tc / ^{96}Tc / ^{99}Tc / ^{90}Mo / ^{93}Mo / ^{99}Mo / ^{90}Nb / ^{92}Nb / ^{95}Nb / ^{96}Nb / ^{89}Zr / ^{62}Zn / ^{63}Zn / ^{65}Zn, E=8.4-37.1 MeV; measured reaction products, Eγ, Iγ; deduced yields, σ. JOUR ARISE 68 2355
	2010MA10	NUCLEAR REACTIONS Zr(^{7}Li, X)^{93}Tc / ^{94}Tc / ^{94m}Tc / ^{95}Tc / ^{96}Tc / ^{96m}Tc / ^{93m}Mo / ^{90}Nb / ^{96}Nb, E=37-45 MeV; Y(^{9}Be, X)^{93}Tc / ^{94}Tc / ^{95}Tc / ^{93m}Mo, E=30-48 MeV; measured Eγ, Iγ, σ, and excitation functions. Comparisons with calculations using ALICE91 and PACE-II computer codes. JOUR PRVCA 81 024603

A=96 *(continued)*

	2010PA30	NUCLEAR REACTIONS ^{89}Y(^{9}Be, xn)^{96}Tc / ^{95}Tc / ^{94}Tc / ^{92}Nb, E=19-33 MeV; ^{89}Y(^{12}C, xn)^{99}Rh / ^{98}Rh / ^{97}Rh / ^{96}Tc / ^{95}Tc, E=32-47 MeV; ^{93}Nb(α, xn)^{96}Tc / ^{95}Tc, E=10-17 MeV; measured Eγ, Iγ, complete and incomplete fusion σ(E), excitation functions deduced barrier distributions and breakup effects. Coupled-channel (CC) calculations. JOUR PRVCA 82 044608
	2010RA09	NUCLEAR REACTIONS ^{89}Y, ^{90}Zr, ^{93}Nb, ^{133}Cs, ^{197}Au(γ, n), ^{99}Tc(γ, 3n), E<32 MeV; measured Eγ, Iγ; deduced σ and uncertainties. Bremsstrahlung photons. JOUR JNSTA 47 618
^{96}Ru	2008STZK	NUCLEAR REACTIONS Cd(^{32}S, X), ^{110,111,112,113,114,115,116}Cd, E=95 MeV; measured E(particle), I(particle, θ); C(^{96}Ru, X), (^{98}Ru, X), (^{100}Ru, X), (^{102}Ru, X), (^{104}Ru, X), (^{102}Pd, X), (^{104}Pd, X), (^{106}Pd, X), (^{108}Pd, X), (^{110}Pd, X), (^{106}Cd, X), (^{108}Cd, X), (^{112}Cd, X), E≈240 MeV; measured Eγ, I$\gamma(\theta)$, $\gamma\gamma$-coin. ^{96,98,100,102,104}Ru, ^{102,104,106,108,110}Pd, ^{104,106,108,110,112,114}Cd deduced g factor, B(E2); calculated $\sigma(\theta)$, g factor, B(E2) using cranking model. Results on CD only. CONF E.Lansing (NS2008),P182,Stuchbery
	2009BE50	RADIOACTIVITY ^{96}Ru($2\beta^+$), (β^+EC), (2EC); ^{104}Ru($2\beta^-$); measured Eγ, Iγ; deduced $T_{1/2}$ lower limits for various 2β-decay modes, including neutrino-less. HPGe detector at the Gran Sasso National Laboratories. JOUR ZAANE 42 171
^{96}Pd	2009GA40	NUCLEAR REACTIONS Be(^{107}Ag, X)^{82}Nb / ^{84}Nb / ^{86}Tc / ^{87}Tc / ^{88}Tc / ^{90}Rh / ^{93}Ru / ^{94}Pd / ^{96}Pd, E=750 MeV / nucleon; measured Eγ, Iγ, isomer half-lives, and isomeric ratios, time-of-flight and energy loss for fragment identification, RISING array and MUSIC system at GSI facility. ^{82,84}Nb, ^{86,87,88}Tc, ^{93}Ru, ^{94,96}Pd; deduced levels, isomers, J, π, and half-lives. ^{82}Nb, ^{86}Tc; calculated potential energy surfaces. ^{82}Nb, ^{86,88}Tc; calculated levels by shell-model and comparison with level systematics of ^{82}Zr and ^{86}Mo. JOUR PRVCA 80 064303
^{96}Cd	2008BEZE	NUCLEAR REACTIONS ^{9}Be(^{112}Sn, X)^{96}Cd, E=112 MeV / nucleon; measured Eβ, Iβ(t), Eγ, Iγ, E(particle), I(particle), A(particle), Q(particle), (particle)β-coin. ^{96}Cd deduced $T_{1/2}$. Comparison with other Cd isotopes. Results on CD only. CONF E.Lansing (NS2008),P80,Becerril
	2008MOZO	RADIOACTIVITY ^{96}Cd; ^{98}In; ^{100}Sn [from RF fragment separator]; measured Iβ(t), Eγ, Iγ; deduced $T_{1/2}$; ^{98}In isomer decay. Compared to other data. Results on CD only. CONF E.Lansing (NS2008),P2,Montes

A=97

^{97}Kr	2010NA13	ATOMIC MASSES ^{80,86,87,94,96,97}Kr; measured cyclotron frequencies and ratios; deduced mass excess, deformation. Penning-trap mass spectrometer at ISOLDE, CERN. JOUR PRLTA 105 032502
^{97}Y	2010HW03	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-, (x ray)-γ coin, half-lives by γ(t) using Gammasphere array. ^{93}Kr, ^{151,153}Pr, ^{157}Sm; deduced levels, J, π, bands, configurations, conversion coefficients, B(E1) / B(E2) ratios. ^{96,97,98,99}Y, ^{149,150}Pr; measured Eγ. JOUR PRVCA 82 034308

A=97 *(continued)*

^{97}Zr	2008TAZG	NUCLEAR REACTIONS ^{90,91,92,93,94,96}Zr(n, γ), ^{139}La(n, γ), E=1 eV-1 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin; deduced average σ, capture kernels; calculated ^{90,91,92,94,96}Zr, ^{139}La average σ; using n-TOF and JENDL-3.3 data. CONF Nice (Nucl Data for Sci and Technol) Proc,P1303
	2010CO02	NUCLEAR REACTIONS ^{197}Au, ^{151}Sm, Pb, ^{204,206,207,208}Pb, ^{209}Bi, ^{139}La, ^{232}Th, ^{24,25,26}Mg, ^{90,91,92,93,94,95,96}Zr, ^{186,187,188}Os, ^{233,234,235,236,238}U, ^{237}Np, ^{240}Pu, ^{241,243}Am, ^{245}Cm(n, γ), E=0.001-1 MeV; measured Eγ, Iγ, fission fragments; deduced σ. JOUR ARISE 68 643
	2010DE01	NUCLEAR REACTIONS ^{232}Th(γ, F)^{77}Ge / ^{82}Br / ^{85}Kr / ^{85}Sr / ^{85}Y / ^{87}Kr / ^{87}Sr / ^{87}Y / ^{88}Kr / ^{91}Sr / ^{91}Y / ^{92}Sr / ^{92}Y / ^{93}Y / ^{93}Mo / ^{93}Tc / ^{95}Zr / ^{95}Nb / ^{95}Tc / ^{96}Nb / ^{97}Zr / ^{97}Nb / ^{99}Mo / ^{99}Tc / ^{99}Rh / ^{101}Tc / ^{101}Rh / ^{103}Ru / ^{105}Ru / ^{105}Rh / ^{109}In / ^{111}Pd / ^{111}Ag / ^{112}Pd / ^{112}Ag / ^{113}Ag / ^{115}Ag / ^{115}Cd / ^{117}Cd / ^{117}In, E=50, 3500 MeV; measured Eγ, Iγ; deduced yield of fission fragments, symmetric contribution high-energy fission component. JOUR PANUE 73 24
	2010UT01	NUCLEAR REACTIONS ^{96}Zr(γ, n), E=8.1-14 MeV; measured Eγ, Iγ, En, In, σ. Laser Compton-scattered (LCS) beam. Comparisons with previous data and with QRPA and Lorentzian model calculation. ^{90,91,92,93,94,95,96}Zr(n, γ), E=1 keV to 1 MeV; comparison of previous experimental cross sections with calculated values from Hartree-Fock-Bogoliubov (HFB) and quasiparticle random-phase approximation (QRPA). JOUR PRVCA 81 035801
^{97}Nb	2010DE01	NUCLEAR REACTIONS ^{232}Th(γ, F)^{77}Ge / ^{82}Br / ^{85}Kr / ^{85}Sr / ^{85}Y / ^{87}Kr / ^{87}Sr / ^{87}Y / ^{88}Kr / ^{91}Sr / ^{91}Y / ^{92}Sr / ^{92}Y / ^{93}Y / ^{93}Mo / ^{93}Tc / ^{95}Zr / ^{95}Nb / ^{95}Tc / ^{96}Nb / ^{97}Zr / ^{97}Nb / ^{99}Mo / ^{99}Tc / ^{99}Rh / ^{101}Tc / ^{101}Rh / ^{103}Ru / ^{105}Ru / ^{105}Rh / ^{109}In / ^{111}Pd / ^{111}Ag / ^{112}Pd / ^{112}Ag / ^{113}Ag / ^{115}Ag / ^{115}Cd / ^{117}Cd / ^{117}In, E=50, 3500 MeV; measured Eγ, Iγ; deduced yield of fission fragments, symmetric contribution high-energy fission component. JOUR PANUE 73 24
	2010ERZY	NUCLEAR REACTIONS Mo(γ, xnyp), E=67.7 MeV bremsstrahlung; measured yields with activation method in multiparticle photodisintegration. ^{90,99}Mo, ^{97,96,95,90,89}Nb, ^{89}Zr; deduced relative yields. CONF St.-Petersburg,P190,Ermakov
	2010FO10	NUCLEAR REACTIONS ^{173}Yb(^{24}Mg, X), E=134.5 MeV; ^{176}Yb(^{23}Na, X), E=129 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin following fission of compound nuclei using Gammasphere array. ^{96,97}Nb; deduced levels, J, π, high-spin states. Comparison with level systematics of ^{95,96}Zr. Systematics of first 2+ states in N=48-58, even-A Zr nuclei; first 13 / 2+ states in A=89-97 Nb nuclei, and low-spin states in ^{87}Nb and ^{101}Nb. ^{93,94,95}Nb, ^{117,118,119}Sn; measured Eγ, Iγ. JOUR PRVCA 82 044306
	2011TA01	NUCLEAR REACTIONS ^{27}Al(d, X)^{24}Na, ^{100}Mo(d, X)^{99}Tc / ^{99}Mo / ^{98}Nb / ^{97}Nb, E<50 MeV; measured Eγ, Iγ; deduced σ and their uncertainties. Comparison with with ALICE-D, EMPIRE-D and TALYS codes. JOUR ARISE 69 18

A=97 *(continued)*

^{97}Mo	2008SCZS	NUCLEAR REACTIONS ^{92,94,96,98,100}Mo(γ, γ'), (γ, n), E<13.2 MeV;measured reaction products; ^{92,94,96,98,100}Mo; deduced σ, dipole-strength distributions. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P355,Schwengner
	2010ER01	NUCLEAR REACTIONS ^{92,94,96,98,100}Mo(γ, γ'), E=bremsstrahlung spectrum with endpoints at 13.2 and 13.9 MeV; measured γ spectra, $\gamma(\theta)$, photon yields, photon strength functions. ^{92,94,96,98,100}Mo(γ, n), E<20 MeV bremsstrahlung spectrum; measured γ continuum spectra, activation yields, and σ; deduced dipole strength functions, GDR. Comparisons with RIPL-2 database, Lorentzian parametrizations, and calculations using TALYS code. JOUR PRVCA 81 034319
^{97}Tc	2010FOZZ	NUCLEAR REACTIONS ^{93}Nb(^{12}C, ^{8}Be), E=400 MeV; ^{197}Au(^{12}C, ^{8}Be), E=400 MeV; measured Eα, I$\alpha(\theta)$, E(particle), I(particle), $\alpha\alpha$-coin, (particle)α-coin; deduced dσ, d$\sigma(\theta)$, quasi-elastic ^{8}Be breakup. CONF Varenna (Nucl Reaction Mechanisms),Proc,Vol.2,P545
	2010HA12	RADIOACTIVITY ^{198}Au(β^-), ^{97}Ru(EC) [from ^{197}Au, Ru(n, γ)]; measured Eγ, Iγ; deduced $T_{1/2}$, lack of temperature-dependent effects at low temperatures. JOUR ARISE 68 1550
	2010KR05	RADIOACTIVITY ^{96}Tc(β^+), (EC)[from ^{96}Ru(n, p)]; ^{97}Ru(β^+), (EC)[from ^{96}Ru(n, γ), E<1 eV]; ^{103,105}Ru(β^-)[from ^{102,104}Ru(n, γ), E<1 keV]; ^{105}Rh(β^-)[from ^{105}Ru(β^-)]; measured Eγ, Iγ; deduced Iβ, Iε, logft;^{96}Mo, ^{97}Tc, ^{103,105}Rh, ^{105}Pd; deduced levels. Comparison with previous studies and evaluated data. JOUR PRVCA 81 044310
^{97}Ru	2010HA12	RADIOACTIVITY ^{198}Au(β^-), ^{97}Ru(EC) [from ^{197}Au, Ru(n, γ)]; measured Eγ, Iγ; deduced $T_{1/2}$, lack of temperature-dependent effects at low temperatures. JOUR ARISE 68 1550
	2010KR05	RADIOACTIVITY ^{96}Tc(β^+), (EC)[from ^{96}Ru(n, p)]; ^{97}Ru(β^+), (EC)[from ^{96}Ru(n, γ), E<1 eV]; ^{103,105}Ru(β^-)[from ^{102,104}Ru(n, γ), E<1 keV]; ^{105}Rh(β^-)[from ^{105}Ru(β^-)]; measured Eγ, Iγ; deduced Iβ, Iε, logft;^{96}Mo, ^{97}Tc, ^{103,105}Rh, ^{105}Pd; deduced levels. Comparison with previous studies and evaluated data. JOUR PRVCA 81 044310
	2010KR05	NUCLEAR REACTIONS ^{96,102,104}Ru(n, γ), E=thermal and epithermal; measured Eγ, Iγ, cross sections and resonance integrals by activation method. Comparison with previous studies. JOUR PRVCA 81 044310
^{97}Rh	2010PA30	NUCLEAR REACTIONS ^{89}Y(^{9}Be, xn)^{96}Tc / ^{95}Tc / ^{94}Tc / ^{92}Nb, E=19-33 MeV; ^{89}Y(^{12}C, xn)^{99}Rh / ^{98}Rh / ^{97}Rh / ^{96}Tc / ^{95}Tc, E=32-47 MeV; ^{93}Nb(α, xn)^{96}Tc / ^{95}Tc, E=10-17 MeV; measured Eγ, Iγ, complete and incomplete fusion σ(E), excitation functions deduced barrier distributions and breakup effects. Coupled-channel (CC) calculations. JOUR PRVCA 82 044608

A=98

^{98}Br	2010OH02	NUCLEAR REACTIONS Be, Pb(^{238}U, F), E=345 MeV / nucleon; measured yields of fission fragments. Z=20-56, A=52-152; measured yields. ^{71}Mn, ^{73,74}Fe, ^{76}Co, ^{79}Ni, ^{81,82}Cu, ^{84,85}Zn, ^{87}Ga, ^{90}Ge, ^{95}Se, ^{98}Br, ^{101}Kr, ^{103}Rb, ^{106,107}Sr, ^{108,109}Y, ^{111,112}Zr, ^{114,115}Nb, ^{115,116,117}Mo, ^{119,120}Tc, ^{121,122,123,124}Ru, ^{123,124,125,126}Rh, ^{127,128}Pd, ^{133}Cd, ^{138}Sn, ^{140}Sb, ^{143}Te, ^{145}I, ^{148}Xe, ^{152}Ba; measured yields and cross sections, identified new isotopes using RI beam factory at RIKEN, ΔE-TOF-Bρ method. JOUR JUPSA 79 073201
^{98}Rb	2008FOZS	NUCLEAR REACTIONS ^{9}Be(^{238}U, X), E=80 MeV / nucleon; measured thick target E(particle), I(particle), A(particle), Z(particle), Eγ, Iγ, (particle)γ-coin. ^{60}Mn, ^{78}Ga, ^{82}Ga, ^{92}Br, ^{95}Rb, ^{98}Rb, ^{92}Y, ^{101}Y, ^{112}Tc deduced isomeric transition, $T_{1/2}$, isomer ratio. Results on CD only. CONF E.Lansing (NS2008),P104,Folden
^{98}Y	2010BA31	NUCLEAR REACTIONS U(p, F)^{89}Y / ^{96}Y / ^{98}Y / ^{99}Y / ^{100}Y, E=30 MeV; measured hyperfine resonance fluorescence spectra; deduced isotope shifts, hyperfine parameters, nuclear spin and prolate shape. JOUR JPGPE 37 105103
	2010BE30	RADIOACTIVITY ^{98}Y(β^-)[from ^{238}U(n, γ), E=thermal]; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\beta\beta$(t), and level half-lives. ^{98}Zr; deduced levels, J, π, B(E2). Comparison of B(E2) strengths in ^{94,96,98}Zr nuclei with IBM calculations. JOUR PRVCA 82 044310
	2010HW03	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-, (x ray)-γ coin, half-lives by γ(t) using Gammasphere array. ^{93}Kr, ^{151,153}Pr, ^{157}Sm; deduced levels, J, π, bands, configurations, conversion coefficients, B(E1) / B(E2) ratios. ^{96,97,98,99}Y, ^{149,150}Pr; measured Eγ. JOUR PRVCA 82 034308
	2010RE01	NUCLEAR REACTIONS ^{232}Th(^{6}Li, X), E=45 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, particle spectra, (particle)γ-coin, (particle)γ-correlations using STARS Si array at LBNL and Ge detectors. ^{88}Br, ^{93}Rb, ^{95,98,99}Y, ^{99}Mo, ^{100}Tc, ^{121,123}In, ^{119,120,121,122,123,124,125,126,127}Sn, ^{123,125,127,131}Sb, ^{131}I, ^{132}Te, ^{134,136}Xe; measured isomer half-lives; deduced levels, J, π. Level systematics of neighboring Sn, Sb and In nuclides. JOUR PRVCA 81 014301
^{98}Zr	2010BE30	RADIOACTIVITY ^{98}Y(β^-)[from ^{238}U(n, γ), E=thermal]; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\beta\beta$(t), and level half-lives. ^{98}Zr; deduced levels, J, π, B(E2). Comparison of B(E2) strengths in ^{94,96,98}Zr nuclei with IBM calculations. JOUR PRVCA 82 044310
^{98}Nb	2011TA01	NUCLEAR REACTIONS ^{27}Al(d, X)^{24}Na, ^{100}Mo(d, X)^{99}Tc / ^{99}Mo / ^{98}Nb / ^{97}Nb, E<50 MeV; measured Eγ, Iγ; deduced σ and their uncertainties. Comparison with with ALICE-D, EMPIRE-D and TALYS codes. JOUR ARISE 69 18
^{98}Mo	2008SCZS	NUCLEAR REACTIONS ^{92,94,96,98,100}Mo(γ, γ'), (γ, n), E<13.2 MeV;measured reaction products; ^{92,94,96,98,100}Mo; deduced σ, dipole-strength distributions. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P355,Schwengner
	2008STZT	RADIOACTIVITY ^{98}Mo, ^{72,76}Ge; measured Eγ, Iγ, $\gamma\gamma$-coin; deduced attenuation, g-factor. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P379

A=98 *(continued)*

	2009RUZW	NUCLEAR REACTIONS ^{98}Mo(γ, γ'), E=4.8-8.4 MeV; measured Eγ, Iγ; deduced σ, branching gamma ratios. REPT TUNL-XLVIII,P91,Rusev
	2009WAZW	NUCLEAR REACTIONS ^{77}Se, ^{99}Ru, ^{101}Ru, ^{123}Te(n, α), E=thermal; measured Eα, Iα; deduced E, J, π. CONF Cologne (Capture Gamma-Ray Spectroscopy) Proc,P84,Wagemans
	2010ER01	NUCLEAR REACTIONS ^{92,94,96,98,100}Mo(γ, γ'), E=bremsstrahlung spectrum with endpoints at 13.2 and 13.9 MeV; measured γ spectra, $\gamma(\theta)$, photon yields, photon strength functions. ^{92,94,96,98,100}Mo(γ, n), E<20 MeV bremsstrahlung spectrum; measured γ continuum spectra, activation yields, and σ; deduced dipole strength functions, GDR. Comparisons with RIPL-2 database, Lorentzian parametrizations, and calculations using TALYS code. JOUR PRVCA 81 034319
^{98}Tc	2010DI09	NUCLEAR REACTIONS ^{96}Zr(^{6}Li, 4n)^{98}Tc, E=35 MeV; measured Eγ, Iγ, γ-γ-coin.; deduced high-spin states, level scheme, J, π, energies, B(M1) / B(E2) ratios. JOUR CPLEE 27 072501
^{98}Ru	2008STZK	NUCLEAR REACTIONS Cd(^{32}S, X), ^{110,111,112,113,114,115,116}Cd, E=95 MeV; measured E(particle), I(particle, θ); C(^{96}Ru, X), (^{98}Ru, X), (^{100}Ru, X), (^{102}Ru, X), (^{104}Ru, X), (^{102}Pd, X), (^{104}Pd, X), (^{106}Pd, X), (^{108}Pd, X), (^{110}Pd, X), (^{106}Cd, X), (^{108}Cd, X), (^{112}Cd, X), E≈240 MeV; measured Eγ, I$\gamma(\theta)$, $\gamma\gamma$-coin. ^{96,98,100,102,104}Ru, ^{102,104,106,108,110}Pd, ^{104,106,108,110,112,114}Cd deduced g factor, B(E2); calculated $\sigma(\theta)$, g factor, B(E2) using cranking model. Results on CD only. CONF E.Lansing (NS2008),P182,Stuchbery
^{98}Rh	2010PA30	NUCLEAR REACTIONS ^{89}Y(^{9}Be, xn)^{96}Tc / ^{95}Tc / ^{94}Tc / ^{92}Nb, E=19-33 MeV; ^{89}Y(^{12}C, xn)^{99}Rh / ^{98}Rh / ^{97}Rh / ^{96}Tc / ^{95}Tc, E=32-47 MeV; ^{93}Nb(α, xn)^{96}Tc / ^{95}Tc, E=10-17 MeV; measured Eγ, Iγ, complete and incomplete fusion σ(E), excitation functions deduced barrier distributions and breakup effects. Coupled-channel (CC) calculations. JOUR PRVCA 82 044608
^{98}Pd	2009FRZZ	NUCLEAR REACTIONS ^{92}Mo(^{10}B, 3np), E=54 MeV; measured Eγ, Iγ; ^{96}Ru(^{3}He, n), E=12.5 MeV; measured Eγ, Iγ, $\gamma\gamma(\theta)$-coin.; deduced E, J, π, B(M1), B(E2), half-life; calculated yrast states, B(E2) using shell model code OXBASH. CONF Cologne (Capture Gamma-Ray Spectroscopy) Proc,P529,Fransen
^{98}In	2008MOZO	RADIOACTIVITY ^{96}Cd; ^{98}In; ^{100}Sn [from RF fragment separator]; measured Iβ(t), Eγ, Iγ; deduced $T_{1/2}$; ^{98}In isomer decay. Compared to other data. Results on CD only. CONF E.Lansing (NS2008),P2,Montes

A=99

^{99}Y	2010BA31	NUCLEAR REACTIONS U(p, F)^{89}Y / ^{96}Y / ^{98}Y / ^{99}Y / ^{100}Y, E=30 MeV; measured hyperfine resonance fluorescence spectra; deduced isotope shifts, hyperfine parameters, nuclear spin and prolate shape. JOUR JPGPE 37 105103

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

	2010HW03	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-, (x ray)-γ coin, half-lives by γ(t) using Gammasphere array. ^{93}Kr, ^{151,153}Pr, ^{157}Sm; deduced levels, J, π, bands, configurations, conversion coefficients, B(E1) / B(E2) ratios. ^{96,97,98,99}Y, ^{149,150}Pr; measured Eγ. JOUR PRVCA 82 034308
	2010RE01	NUCLEAR REACTIONS ^{232}Th(^{6}Li, X), E=45 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, particle spectra, (particle)γ-coin, (particle)γ-correlations using STARS Si array at LBNL and Ge detectors. ^{88}Br, ^{93}Rb, ^{95,98,99}Y, ^{99}Mo, ^{100}Tc, ^{121,123}In, ^{119,120,121,122,123,124,125,126,127}Sn, ^{123,125,127,131}Sb, ^{131}I, ^{132}Te, ^{134,136}Xe; measured isomer half-lives; deduced levels, J, π. Level systematics of neighboring Sn, Sb and In nuclides. JOUR PRVCA 81 014301
^{99}Mo	2008SCZS	NUCLEAR REACTIONS ^{92,94,96,98,100}Mo(γ, γ'), (γ, n), E<13.2 MeV;measured reaction products; ^{92,94,96,98,100}Mo; deduced σ, dipole-strength distributions. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P355,Schwengner
	2010AD13	NUCLEAR REACTIONS ^{232}Th(n, γ), (n, 2n), (n, F)^{99}Mo, ^{235,238}U(n, γ), (n, F)^{99}Mo / ^{132}Te / ^{133}I / ^{135}I / ^{135}Xe / ^{140}Ba / ^{143}Ce, E=thermal-1000 MeV [from ^{208}Pb(d, X), E=1.6 GeV spallation source]; measured Eγ, Iγ using HPGe detectors; deduced σ, reaction and transmutation rates. Comparison with simulations and TARC experimental data. JOUR ZAANE 43 159
	2010BU06	NUCLEAR REACTIONS ^{152}Sm, ^{165}Ho, ^{55}Mn, ^{98}Mo, ^{197}Au(n, γ), E=epithermal; measured Eγ, Iγ; deduced resonance energies. Comparison with theoretical calculations. JOUR NIMBE 268 2578
	2010CH41	NUCLEAR REACTIONS ^{239}Pu(n, F)^{99}Mo / ^{95}Zr / ^{140}Ba / ^{144}Ce / ^{147}Nd, E=0.2-2 MeV; measured fission products; deduced fission product yields and its energy dependence. Comparison with ENDF / B-VII.0 library, LANL-ILRR measurements. JOUR NDSBA 111 2923
	2010DE01	NUCLEAR REACTIONS ^{232}Th(γ, F)^{77}Ge / ^{82}Br / ^{85}Kr / ^{85}Sr / ^{85}Y / ^{87}Kr / ^{87}Sr / ^{87}Y / ^{88}Kr / ^{91}Sr / ^{91}Y / ^{92}Sr / ^{92}Y / ^{93}Y / ^{93}Mo / ^{93}Tc / ^{95}Zr / ^{95}Nb / ^{95}Tc / ^{96}Nb / ^{97}Zr / ^{97}Nb / ^{99}Mo / ^{99}Tc / ^{99}Rh / ^{101}Tc / ^{101}Rh / ^{103}Ru / ^{105}Ru / ^{105}Rh / ^{109}In / ^{111}Pd / ^{111}Ag / ^{112}Pd / ^{112}Ag / ^{113}Ag / ^{115}Ag / ^{115}Cd / ^{117}Cd / ^{117}In, E=50, 3500 MeV; measured Eγ, Iγ; deduced yield of fission fragments, symmetric contribution high-energy fission component. JOUR PANUE 73 24
	2010EL02	NUCLEAR REACTIONS ^{98}Mo, ^{186}W, ^{197}Au(n, γ), E=thermal; measured Eγ, Iγ; deduced neutron flux, σ, resonance integrals. Comparison with available data. JOUR JRNCD 284 321
	2010ER01	NUCLEAR REACTIONS ^{92,94,96,98,100}Mo(γ, γ'), E=bremsstrahlung spectrum with endpoints at 13.2 and 13.9 MeV; measured γ spectra, $\gamma(\theta)$, photon yields, photon strength functions. ^{92,94,96,98,100}Mo(γ, n), E<20 MeV bremsstrahlung spectrum; measured γ continuum spectra, activation yields, and σ; deduced dipole strength functions, GDR. Comparisons with RIPL-2 database, Lorentzian parametrizations, and calculations using TALYS code. JOUR PRVCA 81 034319

A=99 *(continued)*

	2010ERZY	NUCLEAR REACTIONS Mo(γ, xnyp), E=67.7 MeV bremsstrahlung; measured yields with activation method in multiparticle photodisintegration. ^{90,99}Mo, ^{97,96,95,90,89}Nb, ^{89}Zr; deduced relative yields. CONF St.-Petersburg,P190,Ermakov
	2010LE13	NUCLEAR REACTIONS Mo(p, X)^{93}Tc / ^{94}Tc / ^{95}Tc / ^{96}Tc / ^{99}Tc / ^{90}Mo / ^{93}Mo / ^{99}Mo / ^{90}Nb / ^{92}Nb / ^{95}Nb / ^{96}Nb / ^{89}Zr / ^{62}Zn / ^{63}Zn / ^{65}Zn, E=8.4-37.1 MeV; measured reaction products, Eγ, Iγ; deduced yields, σ. JOUR ARISE 68 2355
	2010RE01	NUCLEAR REACTIONS ^{232}Th(^{6}Li, X), E=45 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, particle spectra, (particle)γ-coin, (particle)γ-correlations using STARS Si array at LBNL and Ge detectors. ^{88}Br, ^{93}Rb, ^{95,98,99}Y, ^{99}Mo, ^{100}Tc, ^{121,123}In, ^{119,120,121,122,123,124,125,126,127}Sn, ^{123,125,127,131}Sb, ^{131}I, ^{132}Te, ^{134,136}Xe; measured isomer half-lives; deduced levels, J, π. Level systematics of neighboring Sn, Sb and In nuclides. JOUR PRVCA 81 014301
	2010SE15	NUCLEAR REACTIONS ^{235,238}U, ^{239}Pu(n, F)^{99}Mo / ^{95}Zr / ^{137}Cs / ^{140}Ba / ^{141,143}Ce / ^{147}Nd, E=0.4-1.9 MeV; measured fission products; deduced fission product yields. Comparison with ENDF / B-VII.0 library, BIG TEN critical assembly. JOUR NDSBA 111 2891
	2011TA01	NUCLEAR REACTIONS ^{27}Al(d, X)^{24}Na, ^{100}Mo(d, X)^{99}Tc / ^{99}Mo / ^{98}Nb / ^{97}Nb, E<50 MeV; measured Eγ, Iγ; deduced σ and their uncertainties. Comparison with with ALICE-D, EMPIRE-D and TALYS codes. JOUR ARISE 69 18
^{99}Tc	2008KIZS	NUCLEAR REACTIONS Ta(n, x), E=0.01-100 eV; Mo(n, x), E=0.01-200 eV; measured En, In using TOF; deduced σ; Mo(p, xn)^{95}Tc, E=2.5-42 MeV;Mo(p, xn)^{96}Tc, E=2.5-42 MeV;Mo(p, xn)^{99}Tc, E=2.5-42 MeV; measured Eγ, Iγ; deduced σ, isomeric σ; calculated σ using ALICE-IPPE. Compared with other data, ENDF / B-VI.8 (n, xn). CONF Nice (Nucl Data for Sci and Technol) Proc,P533
	2010DE01	NUCLEAR REACTIONS ^{232}Th(γ, F)^{77}Ge / ^{82}Br / ^{85}Kr / ^{85}Sr / ^{85}Y / ^{87}Kr / ^{87}Sr / ^{87}Y / ^{88}Kr / ^{91}Sr / ^{91}Y / ^{92}Sr / ^{92}Y / ^{93}Y / ^{93}Mo / ^{93}Tc / ^{95}Zr / ^{95}Nb / ^{95}Tc / ^{96}Nb / ^{97}Zr / ^{97}Nb / ^{99}Mo / ^{99}Tc / ^{99}Rh / ^{101}Tc / ^{101}Rh / ^{103}Ru / ^{105}Ru / ^{105}Rh / ^{109}In / ^{111}Pd / ^{111}Ag / ^{112}Pd / ^{112}Ag / ^{113}Ag / ^{115}Ag / ^{115}Cd / ^{117}Cd / ^{117}In, E=50, 3500 MeV; measured Eγ, Iγ; deduced yield of fission fragments, symmetric contribution high-energy fission component. JOUR PANUE 73 24
	2010LE13	NUCLEAR REACTIONS Mo(p, X)^{93}Tc / ^{94}Tc / ^{95}Tc / ^{96}Tc / ^{99}Tc / ^{90}Mo / ^{93}Mo / ^{99}Mo / ^{90}Nb / ^{92}Nb / ^{95}Nb / ^{96}Nb / ^{89}Zr / ^{62}Zn / ^{63}Zn / ^{65}Zn, E=8.4-37.1 MeV; measured reaction products, Eγ, Iγ; deduced yields, σ. JOUR ARISE 68 2355
	2011TA01	NUCLEAR REACTIONS ^{27}Al(d, X)^{24}Na, ^{100}Mo(d, X)^{99}Tc / ^{99}Mo / ^{98}Nb / ^{97}Nb, E<50 MeV; measured Eγ, Iγ; deduced σ and their uncertainties. Comparison with with ALICE-D, EMPIRE-D and TALYS codes. JOUR ARISE 69 18

A=99 *(continued)*

^{99}Rh	2010DE01	NUCLEAR REACTIONS ^{232}Th(γ, F)^{77}Ge / ^{82}Br / ^{85}Kr / ^{85}Sr / ^{85}Y / ^{87}Kr / ^{87}Sr / ^{87}Y / ^{88}Kr / ^{91}Sr / ^{91}Y / ^{92}Sr / ^{92}Y / ^{93}Y / ^{93}Mo / ^{93}Tc / ^{95}Zr / ^{95}Nb / ^{95}Tc / ^{96}Nb / ^{97}Zr / ^{97}Nb / ^{99}Mo / ^{99}Tc / ^{99}Rh / ^{101}Tc / ^{101}Rh / ^{103}Ru / ^{105}Ru / ^{105}Rh / ^{109}In / ^{111}Pd / ^{111}Ag / ^{112}Pd / ^{112}Ag / ^{113}Ag / ^{115}Ag / ^{115}Cd / ^{117}Cd / ^{117}In, E=50, 3500 MeV; measured Eγ, Iγ; deduced yield of fission fragments, symmetric contribution high-energy fission component. JOUR PANUE 73 24
	2010PA30	NUCLEAR REACTIONS ^{89}Y(^{9}Be, xn)^{96}Tc / ^{95}Tc / ^{94}Tc / ^{92}Nb, E=19-33 MeV; ^{89}Y(^{12}C, xn)^{99}Rh / ^{98}Rh / ^{97}Rh / ^{96}Tc / ^{95}Tc, E=32-47 MeV; ^{93}Nb(α, xn)^{96}Tc / ^{95}Tc, E=10-17 MeV; measured Eγ, Iγ, complete and incomplete fusion σ(E), excitation functions deduced barrier distributions and breakup effects. Coupled-channel (CC) calculations. JOUR PRVCA 82 044608

A=100

^{100}Y	2010BA31	NUCLEAR REACTIONS U(p, F)^{89}Y / ^{96}Y / ^{98}Y / ^{99}Y / ^{100}Y, E=30 MeV; measured hyperfine resonance fluorescence spectra; deduced isotope shifts, hyperfine parameters, nuclear spin and prolate shape. JOUR JPGPE 37 105103
	2010BR15	NUCLEAR REACTIONS ^{9}Be(^{238}U, F)^{100}Y / ^{101}Y / ^{102}Y / ^{103}Y / ^{104}Y / , ^{103}Zr / ^{104}Zr / ^{105}Zr / ^{106}Zr / ^{107}Zr / ^{105}Nb / ^{106}Nb / ^{107}Nb / ^{108}Nb / ^{109}Nb / ^{108}Mo / ^{109}Mo / ^{110}Mo / ^{111}Mo / ^{112}Mo / ^{110}Tc / ^{111}Tc / ^{112}Tc / ^{113}Tc / ^{114}Tc / E=11.4, 750 MeV / nucleon; measured energy loss time-of-flight, yields. JOUR PRVCA 82 044312
^{100}Zr	2009SH42	NUCLEAR REACTIONS ^{12}C(^{238}U, X), E=1.45 GeV; measured Eγ, Iγ using EXOGAM array, fission fragments using VAMOS detector. ^{134}Xe; deduced levels, J, π. ^{100}Zr, ^{106,107,108,109}Ru, ^{133}Xe, ^{138}Xe; measured Eγ. Comparison with shell model calculations for Z>49, N<83 nuclei. JOUR PRVCA 80 051305
^{100}Mo	2008SCZS	NUCLEAR REACTIONS ^{92,94,96,98,100}Mo(γ, γ'), (γ, n), E<13.2 MeV;measured reaction products; ^{92,94,96,98,100}Mo; deduced σ, dipole-strength distributions. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P355,Schwengner
	2009DA25	RADIOACTIVITY ^{48}Ca, ^{82}Se, ^{96}Zr, ^{100}Mo, ^{116}Cd, ^{130}Te, ^{150}Nd(2β); measured $T_{1/2}$ for zero / two-neutrino 2β-decay events; deduced effective neutrino mass. JOUR NUPAB 827 495c
	2010ER01	NUCLEAR REACTIONS ^{92,94,96,98,100}Mo(γ, γ'), E=bremsstrahlung spectrum with endpoints at 13.2 and 13.9 MeV; measured γ spectra, $\gamma(\theta)$, photon yields, photon strength functions. ^{92,94,96,98,100}Mo(γ, n), E<20 MeV bremsstrahlung spectrum; measured γ continuum spectra, activation yields, and σ; deduced dipole strength functions, GDR. Comparisons with RIPL-2 database, Lorentzian parametrizations, and calculations using TALYS code. JOUR PRVCA 81 034319
	2010SI06	RADIOACTIVITY ^{100}Mo, ^{82}Se, ^{116}Cd, ^{150}Nd, ^{96}Zr, ^{48}Ca, ^{130}Te(2β^-); measured Ee, Ie; deduced $T_{1/2}$. JOUR PPNPD 64 270

A=100 *(continued)*

^{100}Tc	2008WEZX	NUCLEAR REACTIONS ^{99}Tc(n, γ), E=thermal; measured Eγ, Iγ, $\gamma\gamma$-coin.; ^{99}Tc(d, p), E=22 MeV; measured Ep, Ip(θ=30^0), Ip(θ=60^0); deduced σ; neutron binding energy. No protons corresponding to 223 keV state in ^{100}Tc. CONF Nice (Nucl Data for Sci and Technol) Proc,P611
	2010RE01	NUCLEAR REACTIONS ^{232}Th(^{6}Li, X), E=45 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, particle spectra, (particle)γ-coin, (particle)γ-correlations using STARS Si array at LBNL and Ge detectors. ^{88}Br, ^{93}Rb, ^{95,98,99}Y, ^{99}Mo, ^{100}Tc, ^{121,123}In, ^{119,120,121,122,123,124,125,126,127}Sn, ^{123,125,127,131}Sb, ^{131}I, ^{132}Te, ^{134,136}Xe; measured isomer half-lives; deduced levels, J, π. Level systematics of neighboring Sn, Sb and In nuclides. JOUR PRVCA 81 014301
^{100}Ru	2008STZK	NUCLEAR REACTIONS Cd(^{32}S, X), ^{110,111,112,113,114,115,116}Cd, E=95 MeV; measured E(particle), I(particle, θ); C(^{96}Ru, X), (^{98}Ru, X), (^{100}Ru, X), (^{102}Ru, X), (^{104}Ru, X), (^{102}Pd, X), (^{104}Pd, X), (^{106}Pd, X), (^{108}Pd, X), (^{110}Pd, X), (^{106}Cd, X), (^{108}Cd, X), (^{112}Cd, X), E$\approx$240 MeV; measured Eγ, Iγ(θ), $\gamma\gamma$-coin. ^{96,98,100,102,104}Ru, ^{102,104,106,108,110}Pd, ^{104,106,108,110,112,114}Cd deduced g factor, B(E2); calculated $\sigma(\theta)$, g factor, B(E2) using cranking model. Results on CD only. CONF E.Lansing (NS2008),P182,Stuchbery
	2010SI06	RADIOACTIVITY ^{100}Mo, ^{82}Se, ^{116}Cd, ^{150}Nd, ^{96}Zr, ^{48}Ca, ^{130}Te($2\beta^-$); measured Ee, Ie; deduced $T_{1/2}$. JOUR PPNPD 64 270
^{100}Rh	2010KH02	NUCLEAR REACTIONS Pd(p, X)^{105}Ag / ^{106}Ag / ^{100}Pd / ^{101}Pd / ^{100}Rh / ^{101}Rh / ^{105}Rh, E<40 MeV; measured Eγ, Iγ; deduced σ. Comparison with experimental data, TALYS and ALICE-IPPE codes. JOUR NIMBE 268 2303
^{100}Pd	2008WIZQ	NUCLEAR REACTIONS ^{102,104,106,108}Pd(p, t), E=25 MeV; measured E(particle), I(particle, θ), Eγ, Iγ, (particle)γ-coin; deduced d$\sigma(\theta)$, E, J, π; calculated d$\sigma(\theta)$, E, J, π using DWUCK4. Results on CD only. CONF E.Lansing (NS2008),P61,Winkler
	2009RAZX	NUCLEAR REACTIONS ^{99}Ru(^{3}He, 2n), E=17 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin., $\gamma\gamma(\theta)$-coin.; deduced E, J, π, multipole mixing ratio; calculated mixed symmetry states using IBM-2 and shell-model code ANTOINE. HORUS cube. CONF Cologne (Capture Gamma-Ray Spectroscopy) Proc,P597,Radeck
	2010KH02	NUCLEAR REACTIONS Pd(p, X)^{105}Ag / ^{106}Ag / ^{100}Pd / ^{101}Pd / ^{100}Rh / ^{101}Rh / ^{105}Rh, E<40 MeV; measured Eγ, Iγ; deduced σ. Comparison with experimental data, TALYS and ALICE-IPPE codes. JOUR NIMBE 268 2303
^{100}Cd	2009EK01	NUCLEAR REACTIONS ^{109}Ag(^{100}Cd, ^{100}Cd'), E=287.0 MeV; ^{64}Zn, ^{109}Ag(^{102}Cd, ^{102}Cd'), E=292.7 MeV; ^{64}Zn, ^{109}Ag(^{104}Cd, ^{104}Cd'), E=298.7 MeV; measured Eγ, Iγ, γ(particle)-coin, and γ-ray yields using REX-ISOLDE facility. ^{64}Zn, ^{100,102,104}Cd, ^{109}Ag; deduced levels, J, π, E2 matrix elements, electric quadrupole moments. Comparison with shell model calculations. JOUR PRVCA 80 054302
	2009EK01	NUCLEAR MOMENTS ^{100,102,104}Cd; measured electric quadrupole moments of first 2+ states using reorientation method in Coulomb excitation. Comparison with shell model calculations. JOUR PRVCA 80 054302

A=100 *(continued)*

^{100}Sn	2008MOZO	RADIOACTIVITY ^{96}Cd; ^{98}In; ^{100}Sn [from RF fragment separator]; measured Iβ(t), Eγ, Iγ; deduced $T_{1/2}$; ^{98}In isomer decay. Compared to other data. Results on CD only. CONF E.Lansing (NS2008),P2,Montes

A=101

^{101}Kr	2010OH02	NUCLEAR REACTIONS Be, Pb(^{238}U, F), E=345 MeV / nucleon; measured yields of fission fragments. Z=20-56, A=52-152; measured yields. ^{71}Mn, ^{73,74}Fe, ^{76}Co, ^{79}Ni, ^{81,82}Cu, ^{84,85}Zn, ^{87}Ga, ^{90}Ge, ^{95}Se, ^{98}Br, ^{101}Kr, ^{103}Rb, ^{106,107}Sr, ^{108,109}Y, ^{111,112}Zr, ^{114,115}Nb, ^{115,116,117}Mo, ^{119,120}Tc, ^{121,122,123,124}Ru, ^{123,124,125,126}Rh, ^{127,128}Pd, ^{133}Cd, ^{138}Sn, ^{140}Sb, ^{143}Te, ^{145}I, ^{148}Xe, ^{152}Ba; measured yields and cross sections, identified new isotopes using RI beam factory at RIKEN, ΔE-TOF-Bρ method. JOUR JUPSA 79 073201
^{101}Y	2008FOZS	NUCLEAR REACTIONS ^{9}Be(^{238}U, X), E=80 MeV / nucleon; measured thick target E(particle), I(particle), A(particle), Z(particle), Eγ, Iγ, (particle)γ-coin. ^{60}Mn, ^{78}Ga, ^{82}Ga, ^{92}Br, ^{95}Rb, ^{98}Rb, ^{92}Y, ^{101}Y, ^{112}Tc deduced isomeric transition, $T_{1/2}$, isomer ratio. Results on CD only. CONF E.Lansing (NS2008),P104,Folden
	2010BR15	NUCLEAR REACTIONS ^{9}Be(^{238}U, F)^{100}Y / ^{101}Y / ^{102}Y / ^{103}Y / ^{104}Y / , ^{103}Zr / ^{104}Zr / ^{105}Zr / ^{106}Zr / ^{107}Zr / ^{105}Nb / ^{106}Nb / ^{107}Nb / ^{108}Nb / ^{109}Nb / ^{108}Mo / ^{109}Mo / ^{110}Mo / ^{111}Mo / ^{112}Mo / ^{110}Tc / ^{111}Tc / ^{112}Tc / ^{113}Tc / ^{114}Tc / E=11.4, 750 MeV / nucleon; measured energy loss time-of-flight, yields. JOUR PRVCA 82 044312
^{101}Nb	2010AL22	RADIOACTIVITY ^{101}Nb, ^{105}Mo, ^{102,104,105,106,107}Tc(β^-) [from U(p, X), E=30, 50 MeV]; measured Eγ, Iγ, mass; deduced β-feeding probabilities, discrepancies for decay heat of ^{239}Pu. JOUR PRLTA 105 202501
	2010RZ01	RADIOACTIVITY ^{248}Cm(SF); measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$ using EUROGAM2 array. ^{145}Cs; deduced levels, J, π, multipolarities, bands, configurations, electric dipole moment D_0. ^{101,102}Nb; measured Eγ. Comparison with quasiparticle-rotor model calculations. Z=54-64, N=84-92; systematics of D_0 parameter for even nuclei of even neutron number. JOUR PRVCA 82 017301
^{101}Mo	2010AL22	RADIOACTIVITY ^{101}Nb, ^{105}Mo, ^{102,104,105,106,107}Tc(β^-) [from U(p, X), E=30, 50 MeV]; measured Eγ, Iγ, mass; deduced β-feeding probabilities, discrepancies for decay heat of ^{239}Pu. JOUR PRLTA 105 202501
^{101}Tc	2009YO11	RADIOACTIVITY ^{101}Tc(β^-) [from ^{100}Mo(n, γ)^{101}Mo(β^-)]; measured Eγ, Iγ; deduced $T_{1/2}$, chemical separation of Tc and Mo fraction. JOUR HHHHD 31 193
	2010DE01	NUCLEAR REACTIONS ^{232}Th(γ, F)^{77}Ge / ^{82}Br / ^{85}Kr / ^{85}Sr / ^{85}Y / ^{87}Kr / ^{87}Sr / ^{87}Y / ^{88}Kr / ^{91}Sr / ^{91}Y / ^{92}Sr / ^{92}Y / ^{93}Y / ^{93}Mo / ^{93}Tc / ^{95}Zr / ^{95}Nb / ^{95}Tc / ^{96}Nb / ^{97}Zr / ^{97}Nb / ^{99}Mo / ^{99}Tc / ^{99}Rh / ^{101}Tc / ^{101}Rh / ^{103}Ru / ^{105}Ru / ^{105}Rh / ^{109}In / ^{111}Pd / ^{111}Ag / ^{112}Pd / ^{112}Ag / ^{113}Ag / ^{115}Ag / ^{115}Cd / ^{117}Cd / ^{117}In, E=50, 3500 MeV; measured Eγ, Iγ; deduced yield of fission fragments, symmetric contribution high-energy fission component. JOUR PANUE 73 24

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

^{101}Ru	2009YO11	RADIOACTIVITY ^{101}Tc(β^-) [from ^{100}Mo(n, γ)^{101}Mo(β^-)]; measured Eγ, Iγ; deduced $T_{1/2}$, chemical separation of Tc and Mo fraction. JOUR HHHHD 31 193
^{101}Rh	2008SKZX	NUCLEAR REACTIONS ^{101}Ru(^{3}He, x)^{101}Rh, E≈12-34 MeV; ^{101}Ru(^{3}He, x)^{102}Rh, E≈12-34 MeV; ^{102}Ru(^{3}He, x)^{101}Rh, E≈18-34 MeV; ^{102}Ru(^{3}He, x)^{102}Rh, E≈17-34 MeV; measured Eγ, Iγ; deduced σ, thick target yield. CONF Nice (Nucl Data for Sci and Technol) Proc,P1379
	2010BEZU	NUCLEAR REACTIONS ^{102,106,108}Pd(γ, p), E=30 MeV bremsstrahlung; ^{102,110}Pd(γ, n), E=30 MeV bremsstrahlung; measured yield with activation method; ^{101,109}Pd, ^{101,105,107}Rh; deduced yields, isomeric ratios Y_m / Y_g. CONF St.-Petersburg,P155,Belyshev
	2010DE01	NUCLEAR REACTIONS ^{232}Th(γ, F)^{77}Ge / ^{82}Br / ^{85}Kr / ^{85}Sr / ^{85}Y / ^{87}Kr / ^{87}Sr / ^{87}Y / ^{88}Kr / ^{91}Sr / ^{91}Y / ^{92}Sr / ^{92}Y / ^{93}Y / ^{93}Mo / ^{93}Tc / ^{95}Zr / ^{95}Nb / ^{95}Tc / ^{96}Nb / ^{97}Zr / ^{97}Nb / ^{99}Mo / ^{99}Tc / ^{99}Rh / ^{101}Tc / ^{101}Rh / ^{103}Ru / ^{105}Ru / ^{105}Rh / ^{109}In / ^{111}Pd / ^{111}Ag / ^{112}Pd / ^{112}Ag / ^{113}Ag / ^{115}Ag / ^{115}Cd / ^{117}Cd / ^{117}In, E=50, 3500 MeV; measured Eγ, Iγ; deduced yield of fission fragments, symmetric contribution high-energy fission component. JOUR PANUE 73 24
	2010KH02	NUCLEAR REACTIONS Pd(p, X)^{105}Ag / ^{106}Ag / ^{100}Pd / ^{101}Pd / ^{100}Rh / ^{101}Rh / ^{105}Rh, E<40 MeV; measured Eγ, Iγ; deduced σ. Comparison with experimental data, TALYS and ALICE-IPPE codes. JOUR NIMBE 268 2303
^{101}Pd	2010BEZU	NUCLEAR REACTIONS ^{102,106,108}Pd(γ, p), E=30 MeV bremsstrahlung; ^{102,110}Pd(γ, n), E=30 MeV bremsstrahlung; measured yield with activation method; ^{101,109}Pd, ^{101,105,107}Rh; deduced yields, isomeric ratios Y_m / Y_g. CONF St.-Petersburg,P155,Belyshev
	2010KH02	NUCLEAR REACTIONS Pd(p, X)^{105}Ag / ^{106}Ag / ^{100}Pd / ^{101}Pd / ^{100}Rh / ^{101}Rh / ^{105}Rh, E<40 MeV; measured Eγ, Iγ; deduced σ. Comparison with experimental data, TALYS and ALICE-IPPE codes. JOUR NIMBE 268 2303
	2010ZH40	NUCLEAR REACTIONS ^{76}Ge(^{28}Si, 3nγ)^{101}Pd, E not given; measured reaction products, Eγ, Iγ, γ-γ-coin.; deduced high-spin states, yrast bands, J, π, level scheme. JOUR CPCHC 34 1598
^{101}Sn	2008DAZS	RADIOACTIVITY ^{109}Xe(α)[from ^{54}Fe+^{58}Ni->^{112}Xe->^{109}Xe+3n]; ^{105}Te(α); measured Eγ, Iγ, Iα; deduced ^{101}Sn E, J, π; calculated E($d_{5/2}$), E($g_{7/2}$) using shell model. Decay chain compared to that of ^{111}Xe->^{107}Te->^{103}Sn from other papers. Results on CD only. CONF E.Lansing (NS2008),P3,Darby
	2010DA17	RADIOACTIVITY ^{109}Xe, ^{105}Te(α); measured Iα, Eα, Iγ, Iγ; deduced J, π for ground and first excited states in ^{101}Sn, ground state spin inversion, strong pairing interaction. Comparison with shell model calculations. JOUR PRLTA 105 162502

A=102

^{102}Y	2010BR15	NUCLEAR REACTIONS ^{9}Be(^{238}U, F)^{100}Y / ^{101}Y / ^{102}Y / ^{103}Y / ^{104}Y / , ^{103}Zr / ^{104}Zr / ^{105}Zr / ^{106}Zr / ^{107}Zr / ^{105}Nb / ^{106}Nb / ^{107}Nb / ^{108}Nb / ^{109}Nb / ^{108}Mo / ^{109}Mo / ^{110}Mo / ^{111}Mo / ^{112}Mo / ^{110}Tc / ^{111}Tc / ^{112}Tc / ^{113}Tc / ^{114}Tc / E=11.4, 750 MeV / nucleon; measured energy loss time-of-flight, yields. JOUR PRVCA 82 044312
^{102}Nb	2010RZ01	RADIOACTIVITY ^{248}Cm(SF); measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$ using EUROGAM2 array. ^{145}Cs; deduced levels, J, π, multipolarities, bands, configurations, electric dipole moment D_0. ^{101,102}Nb; measured Eγ. Comparison with quasiparticle-rotor model calculations. Z=54-64, N=84-92; systematics of D_0 parameter for even nuclei of even neutron number. JOUR PRVCA 82 017301
^{102}Mo	2009YA26	RADIOACTIVITY ^{252}Cf(SF); ^{102}Mo; measured Eγ, Iγ, γ-γ-coin.; deduced high-spin states, level scheme, J, π, bands. Systematic comparison with experimental data. JOUR CPCHC 33 s01 199
^{102}Tc	2010AL22	RADIOACTIVITY ^{101}Nb, ^{105}Mo, ^{102,104,105,106,107}Tc(β^-) [from U(p, X), E=30, 50 MeV]; measured Eγ, Iγ, mass; deduced β-feeding probabilities, discrepancies for decay heat of ^{239}Pu. JOUR PRLTA 105 202501
^{102}Ru	2008STZK	NUCLEAR REACTIONS Cd(^{32}S, X), ^{110,111,112,113,114,115,116}Cd, E=95 MeV; measured E(particle), I(particle, θ); C(^{96}Ru, X), (^{98}Ru, X), (^{100}Ru, X), (^{102}Ru, X), (^{104}Ru, X), (^{102}Pd, X), (^{104}Pd, X), (^{106}Pd, X), (^{108}Pd, X), (^{110}Pd, X), (^{106}Cd, X), (^{108}Cd, X), (^{112}Cd, X), E≈240 MeV; measured Eγ, I$\gamma(\theta)$, $\gamma\gamma$-coin. ^{96,98,100,102,104}Ru, ^{102,104,106,108,110}Pd, ^{104,106,108,110,112,114}Cd deduced g factor, B(E2); calculated $\sigma(\theta)$, g factor, B(E2) using cranking model. Results on CD only. CONF E.Lansing (NS2008),P182,Stuchbery
	2010AL22	RADIOACTIVITY ^{101}Nb, ^{105}Mo, ^{102,104,105,106,107}Tc(β^-) [from U(p, X), E=30, 50 MeV]; measured Eγ, Iγ, mass; deduced β-feeding probabilities, discrepancies for decay heat of ^{239}Pu. JOUR PRLTA 105 202501
^{102}Rh	2008SKZX	NUCLEAR REACTIONS ^{101}Ru(^{3}He, x)^{101}Rh, E≈12-34 MeV; ^{101}Ru(^{3}He, x)^{102}Rh, E≈12-34 MeV; ^{102}Ru(^{3}He, x)^{101}Rh, E≈18-34 MeV; ^{102}Ru(^{3}He, x)^{102}Rh, E≈17-34 MeV; measured Eγ, Iγ; deduced σ, thick target yield. CONF Nice (Nucl Data for Sci and Technol) Proc,P1379
^{102}Pd	2008STZK	NUCLEAR REACTIONS Cd(^{32}S, X), ^{110,111,112,113,114,115,116}Cd, E=95 MeV; measured E(particle), I(particle, θ); C(^{96}Ru, X), (^{98}Ru, X), (^{100}Ru, X), (^{102}Ru, X), (^{104}Ru, X), (^{102}Pd, X), (^{104}Pd, X), (^{106}Pd, X), (^{108}Pd, X), (^{110}Pd, X), (^{106}Cd, X), (^{108}Cd, X), (^{112}Cd, X), E≈240 MeV; measured Eγ, I$\gamma(\theta)$, $\gamma\gamma$-coin. ^{96,98,100,102,104}Ru, ^{102,104,106,108,110}Pd, ^{104,106,108,110,112,114}Cd deduced g factor, B(E2); calculated $\sigma(\theta)$, g factor, B(E2) using cranking model. Results on CD only. CONF E.Lansing (NS2008),P182,Stuchbery
	2008WIZQ	NUCLEAR REACTIONS ^{102,104,106,108}Pd(p, t), E=25 MeV; measured E(particle), I(particle, θ), Eγ, Iγ, (particle)γ-coin; deduced d$\sigma(\theta)$, E, J, π; calculated d$\sigma(\theta)$, E, J, π using DWUCK4. Results on CD only. CONF E.Lansing (NS2008),P61,Winkler

A=102 *(continued)*

^{102}Cd	2009EK01	NUCLEAR REACTIONS ^{109}Ag(^{100}Cd, ^{100}Cd'), E=287.0 MeV; ^{64}Zn, ^{109}Ag(^{102}Cd, ^{102}Cd'), E=292.7 MeV; ^{64}Zn, ^{109}Ag(^{104}Cd, ^{104}Cd'), E=298.7 MeV; measured Eγ, Iγ, γ(particle)-coin, and γ-ray yields using REX-ISOLDE facility. ^{64}Zn, ^{100,102,104}Cd, ^{109}Ag; deduced levels, J, π, E2 matrix elements, electric quadrupole moments. Comparison with shell model calculations. JOUR PRVCA 80 054302
	2009EK01	NUCLEAR MOMENTS ^{100,102,104}Cd; measured electric quadrupole moments of first 2+ states using reorientation method in Coulomb excitation. Comparison with shell model calculations. JOUR PRVCA 80 054302

A=103

^{103}Rb	2010OH02	NUCLEAR REACTIONS Be, Pb(^{238}U, F), E=345 MeV / nucleon; measured yields of fission fragments. Z=20-56, A=52-152; measured yields. ^{71}Mn, ^{73,74}Fe, ^{76}Co, ^{79}Ni, ^{81,82}Cu, ^{84,85}Zn, ^{87}Ga, ^{90}Ge, ^{95}Se, ^{98}Br, ^{101}Kr, ^{103}Rb, ^{106,107}Sr, ^{108,109}Y, ^{111,112}Zr, ^{114,115}Nb, ^{115,116,117}Mo, ^{119,120}Tc, ^{121,122,123,124}Ru, ^{123,124,125,126}Rh, ^{127,128}Pd, ^{133}Cd, ^{138}Sn, ^{140}Sb, ^{143}Te, ^{145}I, ^{148}Xe, ^{152}Ba; measured yields and cross sections, identified new isotopes using RI beam factory at RIKEN, ΔE-TOF-Bρ method. JOUR JUPSA 79 073201
^{103}Y	2010BR15	NUCLEAR REACTIONS ^{9}Be(^{238}U, F)^{100}Y / ^{101}Y / ^{102}Y / ^{103}Y / ^{104}Y / , ^{103}Zr / ^{104}Zr / ^{105}Zr / ^{106}Zr / ^{107}Zr / ^{105}Nb / ^{106}Nb / ^{107}Nb / ^{108}Nb / ^{109}Nb / ^{108}Mo / ^{109}Mo / ^{110}Mo / ^{111}Mo / ^{112}Mo / ^{110}Tc / ^{111}Tc / ^{112}Tc / ^{113}Tc / ^{114}Tc / E=11.4, 750 MeV / nucleon; measured energy loss time-of-flight, yields. JOUR PRVCA 82 044312
^{103}Nb	2010WA26	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{103}Nb, ^{105}Mo, ^{107}Tc; deduced levels, J, π, high-spin states, 2γ-vibrational bands. JOUR NUPAB 834 94c
^{103}Ru	2010DE01	NUCLEAR REACTIONS ^{232}Th(γ, F)^{77}Ge / ^{82}Br / ^{85}Kr / ^{85}Sr / ^{85}Y / ^{87}Kr / ^{87}Sr / ^{87}Y / ^{88}Kr / ^{91}Sr / ^{91}Y / ^{92}Sr / ^{92}Y / ^{93}Y / ^{93}Mo / ^{93}Tc / ^{95}Zr / ^{95}Nb / ^{95}Tc / ^{96}Nb / ^{97}Zr / ^{97}Nb / ^{99}Mo / ^{99}Tc / ^{99}Rh / ^{101}Tc / ^{101}Rh / ^{103}Ru / ^{105}Ru / ^{105}Rh / ^{109}In / ^{111}Pd / ^{111}Ag / ^{112}Pd / ^{112}Ag / ^{113}Ag / ^{115}Ag / ^{115}Cd / ^{117}Cd / ^{117}In, E=50, 3500 MeV; measured Eγ, Iγ; deduced yield of fission fragments, symmetric contribution high-energy fission component. JOUR PANUE 73 24
	2010KR05	RADIOACTIVITY ^{96}Tc(β^+), (EC)[from ^{96}Ru(n, p)]; ^{97}Ru(β^+), (EC)[from ^{96}Ru(n, γ), E<1 eV]; ^{103,105}Ru(β^-)[from ^{102,104}Ru(n, γ), E<1 keV]; ^{105}Rh(β^-)[from ^{105}Ru(β^-)]; measured Eγ, Iγ; deduced Iβ, Iε, logft;^{96}Mo, ^{97}Tc, ^{103,105}Rh, ^{105}Pd; deduced levels. Comparison with previous studies and evaluated data. JOUR PRVCA 81 044310
	2010KR05	NUCLEAR REACTIONS ^{96,102,104}Ru(n, γ), E=thermal and epithermal; measured Eγ, Iγ, cross sections and resonance integrals by activation method. Comparison with previous studies. JOUR PRVCA 81 044310

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

^{103}Rh	2010KR05	RADIOACTIVITY ^{96}Tc(β^+), (EC)[from ^{96}Ru(n, p)]; ^{97}Ru(β^+), (EC)[from ^{96}Ru(n, γ), E<1 eV]; ^{103,105}Ru(β^-)[from ^{102,104}Ru(n, γ), E<1 keV]; ^{105}Rh(β^-)[from ^{105}Ru(β^-)]; measured Eγ, Iγ; deduced Iβ, Iε, logft;^{96}Mo, ^{97}Tc, ^{103,105}Rh, ^{105}Pd; deduced levels. Comparison with previous studies and evaluated data. JOUR PRVCA 81 044310
^{103}Pd	2008DIZT	NUCLEAR REACTIONS ^{102}Pd, ^{120}Te, ^{130,132}Ba, ^{156}Dy(n, γ), E≈25 keV; measured Eγ, Iγ; deduced σ. Compared with MACS30 recommended values. CONF Nice (Nucl Data for Sci and Technol) Proc,P575
	2008MEZV	NUCLEAR REACTIONS ^{209}Bi(α, x), E=28.8, 32.8 MeV; measured Eγ, Iγ, Eα, Iα; ^{186}W(p, n), E=7-15 MeV; deduced σ; calculated σ; Zn(d, x)^{61}Cu, E≈3-19 MeV; Zn(d, x)^{64}Cu, E≈3-19 MeV; Zn(d, x)^{66}Ga, E≈3-19 MeV; Zn(d, x)^{67}Ga, E≈3-19 MeV; Zn(d, x)^{65}Zn, E≈3-19 MeV; Zn(d, x)^{69}Zn, E≈3-19 MeV; measured Eγ, Iγ; deduced thin taeget yields; ^{103}Rh(d, 2n), E≈3-20 MeV; ^{232}Th(p, 3n), E≈13-31 MeV; calculated σ. Calculations using EMPIRE II; compared to available data. CONF Nice (Nucl Data for Sci and Technol) Proc,P1403
	2010DI01	NUCLEAR REACTIONS ^{102}Pd, ^{120}Te, ^{130}Ba, ^{132}Ba, ^{156}Dy, ^{197}Au(n, γ), E=0-120 keV; measured Eγ, Iγ, Maxwellian-averaged σ by activation technique; deduced reaction rates for p process. Comparison with standard Hauser-Feshbach models and with results from various reaction libraries including ENDF-B / VII.0. JOUR PRVCA 81 015801

A=104

^{104}Y	2010BR15	NUCLEAR REACTIONS ^{9}Be(^{238}U, F)^{100}Y / ^{101}Y / ^{102}Y / ^{103}Y / ^{104}Y / , ^{103}Zr / ^{104}Zr / ^{105}Zr / ^{106}Zr / ^{107}Zr / ^{105}Nb / ^{106}Nb / ^{107}Nb / ^{108}Nb / ^{109}Nb / ^{108}Mo / ^{109}Mo / ^{110}Mo / ^{111}Mo / ^{112}Mo / ^{110}Tc / ^{111}Tc / ^{112}Tc / ^{113}Tc / ^{114}Tc / E=11.4, 750 MeV / nucleon; measured energy loss time-of-flight, yields. JOUR PRVCA 82 044312
^{104}Zr	2010YE08	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin using Gammasphere array. ^{104}Zr; deduced levels, J, π, bands, yrast structure, configurations. Comparison with projected shell model (PSM) calculations. JOUR PRVCA 82 027302
^{104}Nb	2009WA31	RADIOACTIVITY ^{252}Cf(SF); ^{104}Nb; measured Eγ, Iγ, γ-γ-coin.; deduced high-spin states, level scheme, J, π, rotational bands. Comparison with experimental data. JOUR CPCHC 33 s01 158
^{104}Mo	2008GOZO	RADIOACTIVITY ^{104,106,108}Mo, ^{106,108,110,112}Ru, ^{112,114,116}Pd(β^-) [from fission]; measured Eγ, Iγ; deduced mixing ratio, g-factor. Abstract only. CONF E.Lansing (NS2008),P106,Goodin
^{104}Tc	2008GOZO	RADIOACTIVITY ^{104,106,108}Mo, ^{106,108,110,112}Ru, ^{112,114,116}Pd(β^-) [from fission]; measured Eγ, Iγ; deduced mixing ratio, g-factor. Abstract only. CONF E.Lansing (NS2008),P106,Goodin
	2009ALZW	RADIOACTIVITY ^{104,105}Tc[from U(p, SF)](β^-); measured Eγ, Iγ using TAGS (Total Absorption Gamma Spectrometer); deduced spectrum and strength. CONF Cologne (Capture Gamma-Ray Spectroscopy) Proc,P207,Algora

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

	2010AL22	RADIOACTIVITY ^{101}Nb, ^{105}Mo, ^{102,104,105,106,107}Tc(β^-) [from U(p, X), E=30, 50 MeV]; measured Eγ, Iγ, mass; deduced β-feeding probabilities, discrepancies for decay heat of ^{239}Pu. JOUR PRLTA 105 202501
^{104}Ru	2008STZK	NUCLEAR REACTIONS Cd(^{32}S, X), ^{110,111,112,113,114,115,116}Cd, E=95 MeV; measured E(particle), I(particle, θ); C(^{96}Ru, X), (^{98}Ru, X), (^{100}Ru, X), (^{102}Ru, X), (^{104}Ru, X), (^{102}Pd, X), (^{104}Pd, X), (^{106}Pd, X), (^{108}Pd, X), (^{110}Pd, X), (^{106}Cd, X), (^{108}Cd, X), (^{112}Cd, X), E≈240 MeV; measured Eγ, I$\gamma(\theta)$, $\gamma\gamma$-coin. ^{96,98,100,102,104}Ru, ^{102,104,106,108,110}Pd, ^{104,106,108,110,112,114}Cd deduced g factor, B(E2); calculated $\sigma(\theta)$, g factor, B(E2) using cranking model. Results on CD only. CONF E.Lansing (NS2008),P182,Stuchbery
	2009ALZW	RADIOACTIVITY ^{104,105}Tc[from U(p, SF)](β^-); measured Eγ, Iγ using TAGS (Total Absorption Gamma Spectrometer); deduced spectrum and strength. CONF Cologne (Capture Gamma-Ray Spectroscopy) Proc,P207,Algora
	2009BE50	RADIOACTIVITY ^{96}Ru($2\beta^+$), (β^+EC), (2EC); ^{104}Ru($2\beta^-$); measured Eγ, Iγ; deduced $T_{1/2}$ lower limits for various 2β-decay modes, including neutrino-less. HPGe detector at the Gran Sasso National Laboratories. JOUR ZAANE 42 171
	2010AL22	RADIOACTIVITY ^{101}Nb, ^{105}Mo, ^{102,104,105,106,107}Tc(β^-) [from U(p, X), E=30, 50 MeV]; measured Eγ, Iγ, mass; deduced β-feeding probabilities, discrepancies for decay heat of ^{239}Pu. JOUR PRLTA 105 202501
^{104}Pd	2008STZK	NUCLEAR REACTIONS Cd(^{32}S, X), ^{110,111,112,113,114,115,116}Cd, E=95 MeV; measured E(particle), I(particle, θ); C(^{96}Ru, X), (^{98}Ru, X), (^{100}Ru, X), (^{102}Ru, X), (^{104}Ru, X), (^{102}Pd, X), (^{104}Pd, X), (^{106}Pd, X), (^{108}Pd, X), (^{110}Pd, X), (^{106}Cd, X), (^{108}Cd, X), (^{112}Cd, X), E≈240 MeV; measured Eγ, I$\gamma(\theta)$, $\gamma\gamma$-coin. ^{96,98,100,102,104}Ru, ^{102,104,106,108,110}Pd, ^{104,106,108,110,112,114}Cd deduced g factor, B(E2); calculated $\sigma(\theta)$, g factor, B(E2) using cranking model. Results on CD only. CONF E.Lansing (NS2008),P182,Stuchbery
	2008STZP	NUCLEAR REACTIONS ^{120}Sn(^{67}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; ^{120}Sn(^{69}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; ^{120}Sn(^{71}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; ^{120}Sn(^{73}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; ^{104}Pd(^{67}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; ^{104}Pd(^{69}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; ^{104}Pd(^{71}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; ^{104}Pd(^{73}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; measured Cu Coulomb excitation Eγ, I$\gamma(\theta)$, $\gamma\gamma$-coin; deduced E, J, π, B(E2). CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P671
	2008WIZQ	NUCLEAR REACTIONS ^{102,104,106,108}Pd(p, t), E=25 MeV; measured E(particle), I(particle, θ), Eγ, Iγ, (particle)γ-coin; deduced d$\sigma(\theta)$, E, J, π; calculated d$\sigma(\theta)$, E, J, π using DWUCK4. Results on CD only. CONF E.Lansing (NS2008),P61,Winkler
	2009BE44	RADIOACTIVITY ^{104}Ag, ^{110}In(EC) [from ^{107}Ag, ^{113}In(γ, 3n)]; measured Eγ, Iγ; deduced level energies, $T_{1/2}$, isomeric ratios. Comparison with calculations and TALYS code. JOUR BRSPE 73 1461

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

	2009BE50	RADIOACTIVITY ^{96}Ru($2\beta^+$), (β^+EC), (2EC); ^{104}Ru($2\beta^-$); measured Eγ, Iγ; deduced $T_{1/2}$ lower limits for various 2β-decay modes, including neutrino-less. HPGe detector at the Gran Sasso National Laboratories. JOUR ZAANE 42 171
	2010GO08	RADIOACTIVITY ^{104}Ag(EC), (β^+)[from ^{104}Cd(EC), (β^+) formed in Sn(p, X), E=1.4GeV]; measured Eγ, Iγ, Eβ, Iβ, $\gamma(\theta)$. JOUR PRVCA 81 054323
^{104}Ag	2009BE44	RADIOACTIVITY ^{104}Ag, ^{110}In(EC) [from ^{107}Ag, ^{113}In(γ, 3n)]; measured Eγ, Iγ; deduced level energies, $T_{1/2}$, isomeric ratios. Comparison with calculations and TALYS code. JOUR BRSPE 73 1461
	2010BEZW	NUCLEAR REACTIONS ^{107}Ag(γ, 3n)^{104}Ag, ^{113}In(γ, 3n)^{110}In, ^{109}Ag(γ, 5n)^{104}Ag, ^{115}In(γ, 5n)^{110}In, ^{115}In(γ, 7n)^{108}In, E=34-90 MeV bremsstrahlung; measured yields with activation method. ^{104}Ag, ^{110,108}In; deduced isomeric ratios Y_m / Y_g vs Eγ. CONF St.-Petersburg,P151,Bezshyyko
	2010GO08	NUCLEAR MOMENTS ^{104m}Ag; measured resonance frequencies and magnetic moment by nuclear magnetic resonance on oriented nuclei at ISOLDE / CERN. deduced hyperfine field of Ag impurities in Fe. β-NMR / ON method. Comparison with magnetic moments of ^{102,104,106,108,110}Ag and shell model calculations. JOUR PRVCA 81 054323
	2010GO08	RADIOACTIVITY ^{104}Ag(EC), (β^+)[from ^{104}Cd(EC), (β^+) formed in Sn(p, X), E=1.4GeV]; measured Eγ, Iγ, Eβ, Iβ, $\gamma(\theta)$. JOUR PRVCA 81 054323
^{104}Cd	2008STZK	NUCLEAR REACTIONS Cd(^{32}S, X), ^{110,111,112,113,114,115,116}Cd, E=95 MeV; measured E(particle), I(particle, θ); C(^{96}Ru, X), (^{98}Ru, X), (^{100}Ru, X), (^{102}Ru, X), (^{104}Ru, X), (^{102}Pd, X), (^{104}Pd, X), (^{106}Pd, X), (^{108}Pd, X), (^{110}Pd, X), (^{106}Cd, X), (^{108}Cd, X), (^{112}Cd, X), E≈240 MeV; measured Eγ, I$\gamma(\theta)$, $\gamma\gamma$-coin. ^{96,98,100,102,104}Ru, ^{102,104,106,108,110}Pd, ^{104,106,108,110,112,114}Cd deduced g factor, B(E2); calculated $\sigma(\theta)$, g factor, B(E2) using cranking model. Results on CD only. CONF E.Lansing (NS2008),P182,Stuchbery
	2009EK01	NUCLEAR REACTIONS ^{109}Ag(^{100}Cd, ^{100}Cd'), E=287.0 MeV; ^{64}Zn, ^{109}Ag(^{102}Cd, ^{102}Cd'), E=292.7 MeV; ^{64}Zn, ^{109}Ag(^{104}Cd, ^{104}Cd'), E=298.7 MeV; measured Eγ, Iγ, γ(particle)-coin, and γ-ray yields using REX-ISOLDE facility. ^{64}Zn, ^{100,102,104}Cd, ^{109}Ag; deduced levels, J, π, E2 matrix elements, electric quadrupole moments. Comparison with shell model calculations. JOUR PRVCA 80 054302
	2009EK01	NUCLEAR MOMENTS ^{100,102,104}Cd; measured electric quadrupole moments of first 2+ states using reorientation method in Coulomb excitation. Comparison with shell model calculations. JOUR PRVCA 80 054302

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

	2010ID01	NUCLEAR REACTIONS ^{58}Ni(^{52}Cr, 3p), E=187 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin, $\gamma(\theta)$ using the JUROGAM array. ^{107}In; deduced levels, J, π, multipolarity, mixing ratios, M1 band and a smooth-terminating band, dynamical moments of inertia, and configurations. Calculated potential energy surfaces. Comparisons with total Routhian surface and cranked Nilsson-Strutinsky calculations, and with systematics of rotational band structures in ^{105}Ag, ^{106}Cd, ^{108}Sn, ^{109}Sb, ^{110}Te and ^{111}I. ^{104}Cd, ^{106}In, ^{107}Sn; measured Eγ. JOUR PRVCA 81 034303

A=105

^{105}Mo	2008SIZS	RADIOACTIVITY ^{136}Sb(β^-)[from ^{241}Pu(n, f), E=thermal]; measured delayed Eγ, Iγ, E(ce), x-rays; deduced E, J, π, B(E2); ^{105,107}Mo, ^{107}Tc(β^-)[from ^{248}Cm(SF)]; measured Eγ, Iγ, E(ce); deduced E, J, π, isomer decay, bands; calculated E, J, π, isomeric transition using standard BCS. The Sb data compared to calculations of Corragio. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P71
	2010AL22	RADIOACTIVITY ^{101}Nb, ^{105}Mo, ^{102,104,105,106,107}Tc(β^-) [from U(p, X), E=30, 50 MeV]; measured Eγ, Iγ, mass; deduced β-feeding probabilities, discrepancies for decay heat of ^{239}Pu. JOUR PRLTA 105 202501
	2010WA26	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{103}Nb, ^{105}Mo, ^{107}Tc; deduced levels, J, π, high-spin states, 2γ-vibrational bands. JOUR NUPAB 834 94c
^{105}Tc	2008SIZS	RADIOACTIVITY ^{136}Sb(β^-)[from ^{241}Pu(n, f), E=thermal]; measured delayed Eγ, Iγ, E(ce), x-rays; deduced E, J, π, B(E2); ^{105,107}Mo, ^{107}Tc(β^-)[from ^{248}Cm(SF)]; measured Eγ, Iγ, E(ce); deduced E, J, π, isomer decay, bands; calculated E, J, π, isomeric transition using standard BCS. The Sb data compared to calculations of Corragio. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P71
	2009ALZW	RADIOACTIVITY ^{104,105}Tc[from U(p, SF)](β^-); measured Eγ, Iγ using TAGS (Total Absorption Gamma Spectrometer); deduced spectrum and strength. CONF Cologne (Capture Gamma-Ray Spectroscopy) Proc,P207,Algora
	2010AL22	RADIOACTIVITY ^{101}Nb, ^{105}Mo, ^{102,104,105,106,107}Tc(β^-) [from U(p, X), E=30, 50 MeV]; measured Eγ, Iγ, mass; deduced β-feeding probabilities, discrepancies for decay heat of ^{239}Pu. JOUR PRLTA 105 202501
	2010LU02	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$ using Gammasphere. ^{141,144}Cs; deduced levels, J, p, conversion coefficients, multipolarities, bands, parity doublets, simplex structure, B(E1) / B(E2), dipole moment. Comparison with level structure of ^{143}Cs and with systematics of adjacent N=85-92 nuclei. ^{105,106,107,108}Tc; measured Eγ. JOUR NUPAB 838 1

A=105 *(continued)*

^{105}Ru	2009ALZW	RADIOACTIVITY ^{104,105}Tc[from U(p, SF)](β^-); measured Eγ, Iγ using TAGS (Total Absorption Gamma Spectrometer); deduced spectrum and strength. CONF Cologne (Capture Gamma-Ray Spectroscopy) Proc,P207,Algora
	2010AL22	RADIOACTIVITY ^{101}Nb, ^{105}Mo, ^{102,104,105,106,107}Tc(β^-) [from U(p, X), E=30, 50 MeV]; measured Eγ, Iγ, mass; deduced β-feeding probabilities, discrepancies for decay heat of ^{239}Pu. JOUR PRLTA 105 202501
	2010DE01	NUCLEAR REACTIONS ^{232}Th(γ, F)^{77}Ge / ^{82}Br / ^{85}Kr / ^{85}Sr / ^{85}Y / ^{87}Kr / ^{87}Sr / ^{87}Y / ^{88}Kr / ^{91}Sr / ^{91}Y / ^{92}Sr / ^{92}Y / ^{93}Y / ^{93}Mo / ^{93}Tc / ^{95}Zr / ^{95}Nb / ^{95}Tc / ^{96}Nb / ^{97}Zr / ^{97}Nb / ^{99}Mo / ^{99}Tc / ^{99}Rh / ^{101}Tc / ^{101}Rh / ^{103}Ru / ^{105}Ru / ^{105}Rh / ^{109}In / ^{111}Pd / ^{111}Ag / ^{112}Pd / ^{112}Ag / ^{113}Ag / ^{115}Ag / ^{115}Cd / ^{117}Cd / ^{117}In, E=50, 3500 MeV; measured Eγ, Iγ; deduced yield of fission fragments, symmetric contribution high-energy fission component. JOUR PANUE 73 24
	2010KR05	RADIOACTIVITY ^{96}Tc(β^+), (EC)[from ^{96}Ru(n, p)]; ^{97}Ru(β^+), (EC)[from ^{96}Ru(n, γ), E<1 eV]; ^{103,105}Ru(β^-)[from ^{102,104}Ru(n, γ), E<1 keV]; ^{105}Rh(β^-)[from ^{105}Ru(β^-)]; measured Eγ, Iγ; deduced Iβ, Iε, logft;^{96}Mo, ^{97}Tc, ^{103,105}Rh, ^{105}Pd; deduced levels. Comparison with previous studies and evaluated data. JOUR PRVCA 81 044310
	2010KR05	NUCLEAR REACTIONS ^{96,102,104}Ru(n, γ), E=thermal and epithermal; measured Eγ, Iγ, cross sections and resonance integrals by activation method. Comparison with previous studies. JOUR PRVCA 81 044310
^{105}Rh	2010BEZU	NUCLEAR REACTIONS ^{102,106,108}Pd(γ, p), E=30 MeV bremsstrahlung; ^{102,110}Pd(γ, n), E=30 MeV bremsstrahlung; measured yield with activation method; ^{101,109}Pd, ^{101,105,107}Rh; deduced yields, isomeric ratios Y_m / Y_g. CONF St.-Petersburg,P155,Belyshev
	2010DE01	NUCLEAR REACTIONS ^{232}Th(γ, F)^{77}Ge / ^{82}Br / ^{85}Kr / ^{85}Sr / ^{85}Y / ^{87}Kr / ^{87}Sr / ^{87}Y / ^{88}Kr / ^{91}Sr / ^{91}Y / ^{92}Sr / ^{92}Y / ^{93}Y / ^{93}Mo / ^{93}Tc / ^{95}Zr / ^{95}Nb / ^{95}Tc / ^{96}Nb / ^{97}Zr / ^{97}Nb / ^{99}Mo / ^{99}Tc / ^{99}Rh / ^{101}Tc / ^{101}Rh / ^{103}Ru / ^{105}Ru / ^{105}Rh / ^{109}In / ^{111}Pd / ^{111}Ag / ^{112}Pd / ^{112}Ag / ^{113}Ag / ^{115}Ag / ^{115}Cd / ^{117}Cd / ^{117}In, E=50, 3500 MeV; measured Eγ, Iγ; deduced yield of fission fragments, symmetric contribution high-energy fission component. JOUR PANUE 73 24
	2010KH02	NUCLEAR REACTIONS Pd(p, X)^{105}Ag / ^{106}Ag / ^{100}Pd / ^{101}Pd / ^{100}Rh / ^{101}Rh / ^{105}Rh, E<40 MeV; measured Eγ, Iγ; deduced σ. Comparison with experimental data, TALYS and ALICE-IPPE codes. JOUR NIMBE 268 2303
	2010KR05	RADIOACTIVITY ^{96}Tc(β^+), (EC)[from ^{96}Ru(n, p)]; ^{97}Ru(β^+), (EC)[from ^{96}Ru(n, γ), E<1 eV]; ^{103,105}Ru(β^-)[from ^{102,104}Ru(n, γ), E<1 keV]; ^{105}Rh(β^-)[from ^{105}Ru(β^-)]; measured Eγ, Iγ; deduced Iβ, Iε, logft;^{96}Mo, ^{97}Tc, ^{103,105}Rh, ^{105}Pd; deduced levels. Comparison with previous studies and evaluated data. JOUR PRVCA 81 044310
^{105}Pd	2010KR05	RADIOACTIVITY ^{96}Tc(β^+), (EC)[from ^{96}Ru(n, p)]; ^{97}Ru(β^+), (EC)[from ^{96}Ru(n, γ), E<1 eV]; ^{103,105}Ru(β^-)[from ^{102,104}Ru(n, γ), E<1 keV]; ^{105}Rh(β^-)[from ^{105}Ru(β^-)]; measured Eγ, Iγ; deduced Iβ, Iε, logft;^{96}Mo, ^{97}Tc, ^{103,105}Rh, ^{105}Pd; deduced levels. Comparison with previous studies and evaluated data. JOUR PRVCA 81 044310

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

^{105}Ag	2010KH02	NUCLEAR REACTIONS Pd(p, X)^{105}Ag / ^{106}Ag / ^{100}Pd / ^{101}Pd / ^{100}Rh / ^{101}Rh / ^{105}Rh, E<40 MeV; measured Eγ, Iγ; deduced σ. Comparison with experimental data, TALYS and ALICE-IPPE codes. JOUR NIMBE 268 2303
^{105}Te	2008DAZS	RADIOACTIVITY ^{109}Xe(α)[from ^{54}Fe+^{58}Ni->^{112}Xe->^{109}Xe+3n]; ^{105}Te(α); measured Eγ, Iγ, Iα; deduced ^{101}Sn E, J, π; calculated E($d_{5/2}$), E($g_{7/2}$) using shell model. Decay chain compared to that of ^{111}Xe->^{107}Te->^{103}Sn from other papers. Results on CD only. CONF E.Lansing (NS2008),P3,Darby
	2010DA17	RADIOACTIVITY ^{109}Xe, ^{105}Te(α); measured Iα, Eα, Iγ, Iγ; deduced J, π for ground and first excited states in ^{101}Sn, ground state spin inversion, strong pairing interaction. Comparison with shell model calculations. JOUR PRLTA 105 162502

A=106

^{106}Sr	2010OH02	NUCLEAR REACTIONS Be, Pb(^{238}U, F), E=345 MeV / nucleon; measured yields of fission fragments. Z=20-56, A=52-152; measured yields. ^{71}Mn, ^{73,74}Fe, ^{76}Co, ^{79}Ni, ^{81,82}Cu, ^{84,85}Zn, ^{87}Ga, ^{90}Ge, ^{95}Se, ^{98}Br, ^{101}Kr, ^{103}Rb, ^{106,107}Sr, ^{108,109}Y, ^{111,112}Zr, ^{114,115}Nb, ^{115,116,117}Mo, ^{119,120}Tc, ^{121,122,123,124}Ru, ^{123,124,125,126}Rh, ^{127,128}Pd, ^{133}Cd, ^{138}Sn, ^{140}Sb, ^{143}Te, ^{145}I, ^{148}Xe, ^{152}Ba; measured yields and cross sections, identified new isotopes using RI beam factory at RIKEN, ΔE-TOF-Bρ method. JOUR JUPSA 79 073201
^{106}Mo	2008GOZO	RADIOACTIVITY ^{104,106,108}Mo, ^{106,108,110,112}Ru, ^{112,114,116}Pd(β^-) [from fission]; measured Eγ, Iγ; deduced mixing ratio, g-factor. Abstract only. CONF E.Lansing (NS2008),P106,Goodin
	2008HAZH	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, γ-γ-γ-coin.; ^{108,110,112}Ru, ^{106}Mo; deduced band structures, possible chiral doublets. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P387,Hamilton
	2009ZH50	RADIOACTIVITY ^{252}Cf(SF); ^{106}Mo, ^{110,112}Ru; measured Eγ, Iγ, γ-γ-coin.; deduced high-spin states, chiral doublet vibrational bands, J, π, energies, B(E2) / B(M1), branching ratios. 3D-Tilted Axis Cranking (TAC) calculations. JOUR CPCHC 33 s01 145
^{106}Tc	2008GOZO	RADIOACTIVITY ^{104,106,108}Mo, ^{106,108,110,112}Ru, ^{112,114,116}Pd(β^-) [from fission]; measured Eγ, Iγ; deduced mixing ratio, g-factor. Abstract only. CONF E.Lansing (NS2008),P106,Goodin
	2009GU32	RADIOACTIVITY ^{252}Cf(SF); ^{106}Tc; measured Eγ, Iγ, γ-γ-coin.; deduced high-spin states, level scheme, J, π, collective bands. Total Routhian surface (TRS) calculations. JOUR CPCHC 33 s01 182
	2010AL22	RADIOACTIVITY ^{101}Nb, ^{105}Mo, ^{102,104,105,106,107}Tc(β^-) [from U(p, X), E=30, 50 MeV]; measured Eγ, Iγ, mass; deduced β-feeding probabilities, discrepancies for decay heat of ^{239}Pu. JOUR PRLTA 105 202501

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

	2010LI14	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$. ^{142}Cs; deduced levels, J, π, multipolarity, bands, B(E1), B(E2), electric dipole moments. ^{106,107}Tc; measured Eγ. Systematics of electric dipole moments for Xe (N=85-88), Cs (N=86-88), Ba (N=85-90), La (N=88, 90), Ce (N=86, 88, 90), Nd (N=86, 88, 90), Sm(N=86, 88). JOUR PRVCA 81 057304
	2010LU02	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$ using Gammasphere. ^{141,144}Cs; deduced levels, J, p, conversion coefficients, multipolarities, bands, parity doublets, simplex structure, B(E1) / B(E2), dipole moment. Comparison with level structure of ^{143}Cs and with systematics of adjacent N=85-92 nuclei. ^{105,106,107,108}Tc; measured Eγ. JOUR NUPAB 838 1
^{106}Ru	2008GOZO	RADIOACTIVITY ^{104,106,108}Mo, ^{106,108,110,112}Ru, ^{112,114,116}Pd(β^-) [from fission]; measured Eγ, Iγ; deduced mixing ratio, g-factor. Abstract only. CONF E.Lansing (NS2008),P106,Goodin
	2009SH42	NUCLEAR REACTIONS ^{12}C(^{238}U, X), E=1.45 GeV; measured Eγ, Iγ using EXOGAM array, fission fragments using VAMOS detector. ^{134}Xe; deduced levels, J, π. ^{100}Zr, ^{106,107,108,109}Ru, ^{133}Xe, ^{138}Xe; measured Eγ. Comparison with shell model calculations for Z>49, N<83 nuclei. JOUR PRVCA 80 051305
	2010AL22	RADIOACTIVITY ^{101}Nb, ^{105}Mo, ^{102,104,105,106,107}Tc(β^-) [from U(p, X), E=30, 50 MeV]; measured Eγ, Iγ, mass; deduced β-feeding probabilities, discrepancies for decay heat of ^{239}Pu. JOUR PRLTA 105 202501
^{106}Rh	2008GOZO	RADIOACTIVITY ^{104,106,108}Mo, ^{106,108,110,112}Ru, ^{112,114,116}Pd(β^-) [from fission]; measured Eγ, Iγ; deduced mixing ratio, g-factor. Abstract only. CONF E.Lansing (NS2008),P106,Goodin
^{106}Pd	2008STZK	NUCLEAR REACTIONS Cd(^{32}S, X), ^{110,111,112,113,114,115,116}Cd, E=95 MeV; measured E(particle), I(particle, θ); C(^{96}Ru, X), (^{98}Ru, X), (^{100}Ru, X), (^{102}Ru, X), (^{104}Ru, X), (^{102}Pd, X), (^{104}Pd, X), (^{106}Pd, X), (^{108}Pd, X), (^{110}Pd, X), (^{106}Cd, X), (^{108}Cd, X), (^{112}Cd, X), E≈240 MeV; measured Eγ, I$\gamma(\theta)$, $\gamma\gamma$-coin. ^{96,98,100,102,104}Ru, ^{102,104,106,108,110}Pd, ^{104,106,108,110,112,114}Cd deduced g factor, B(E2); calculated $\sigma(\theta)$, g factor, B(E2) using cranking model. Results on CD only. CONF E.Lansing (NS2008),P182,Stuchbery
	2008STZP	NUCLEAR REACTIONS ^{120}Sn(^{67}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; ^{120}Sn(^{69}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; ^{120}Sn(^{71}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; ^{120}Sn(^{73}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; ^{104}Pd(^{67}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; ^{104}Pd(^{69}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; ^{104}Pd(^{71}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; ^{104}Pd(^{73}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; measured Cu Coulomb excitation Eγ, I$\gamma(\theta)$, $\gamma\gamma$-coin; deduced E, J, π, B(E2). CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P671
	2008WIZQ	NUCLEAR REACTIONS ^{102,104,106,108}Pd(p, t), E=25 MeV; measured E(particle), I(particle, θ), Eγ, Iγ, (particle)γ-coin; deduced d$\sigma(\theta)$, E, J, π; calculated d$\sigma(\theta)$, E, J, π using DWUCK4. Results on CD only. CONF E.Lansing (NS2008),P61,Winkler

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

	2010RUZZ	RADIOACTIVITY ^{106}Cd(2EC); measured $T_{1/2}$ 2ν- and 0ν-$\beta\beta$-decay lower limits. TGV-experiment, 32 HPGe-telescope. CONF St.-Petersburg,P101,Rukhadze
^{106}Ag	2010HE05	NUCLEAR REACTIONS ^{100}Mo(^{11}B, 5n)^{106}Ag, E=60 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin; deduced levels, J, π, bands, configuration, shears band. Systematics of shears bands in ^{102}Rh, ^{104,106,108}Ag, ^{108,110,112}In. Comparison with TAC calculations for the dipole band. JOUR PRVCA 81 057301
	2010KH02	NUCLEAR REACTIONS Pd(p, X)^{105}Ag / ^{106}Ag / ^{100}Pd / ^{101}Pd / ^{100}Rh / ^{101}Rh / ^{105}Rh, E<40 MeV; measured Eγ, Iγ; deduced σ. Comparison with experimental data, TALYS and ALICE-IPPE codes. JOUR NIMBE 268 2303
	2010PA19	NUCLEAR REACTIONS ^{78}Se(^{32}S, 3np), E=125 MeV; measured Eγ, I$\gamma(\theta)$. ^{106}In; deduced levels, J, π, mixing ratio, bands, DCO matrix. ^{106}In, ^{106,108}Ag calculated levels, J, π, deformation, B(M1), B(E2) using projected deformed HF. JOUR NUPAB 834 81c
^{106}Cd	2008STZK	NUCLEAR REACTIONS Cd(^{32}S, X), ^{110,111,112,113,114,115,116}Cd, E=95 MeV; measured E(particle), I(particle, θ); C(^{96}Ru, X), (^{98}Ru, X), (^{100}Ru, X), (^{102}Ru, X), (^{104}Ru, X), (^{102}Pd, X), (^{104}Pd, X), (^{106}Pd, X), (^{108}Pd, X), (^{110}Pd, X), (^{106}Cd, X), (^{108}Cd, X), (^{112}Cd, X), E≈240 MeV; measured Eγ, I$\gamma(\theta)$, $\gamma\gamma$-coin. ^{96,98,100,102,104}Ru, ^{102,104,106,108,110}Pd, ^{104,106,108,110,112,114}Cd deduced g factor, B(E2); calculated $\sigma(\theta)$, g factor, B(E2) using cranking model. Results on CD only. CONF E.Lansing (NS2008),P182,Stuchbery
	2010RU04	RADIOACTIVITY ^{106}Cd(2β); measured Eγ, Iγ; deduced $T_{1/2}$. JOUR BRSPE 74 821
	2010RUZZ	RADIOACTIVITY ^{106}Cd(2EC); measured $T_{1/2}$ 2ν- and 0ν-$\beta\beta$-decay lower limits. TGV-experiment, 32 HPGe-telescope. CONF St.-Petersburg,P101,Rukhadze
	2010ZU02	RADIOACTIVITY ^{106,114,116}Cd, ^{120,128,130}Te, ^{64}Zn(2β); measured Ee, Ie; deduced $T_{1/2}$. JOUR PPNPD 64 267
^{106}In	2010EK01	NUCLEAR REACTIONS ^{58}Ni(^{106}In, ^{106}In'), (^{108}In, ^{108}In'), E=2.8 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following Coulomb excitation at the REX-ISOLDE facility. ^{106,108}In; deduced levels, J, π, B(E2); calculated low-lying level properties, E2, M1 matrix elements using shell model plus coupled channels. JOUR ZAANE 44 355
	2010ID01	NUCLEAR REACTIONS ^{58}Ni(^{52}Cr, 3p), E=187 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin, $\gamma(\theta)$ using the JUROGAM array. ^{107}In; deduced levels, J, π, multipolarity, mixing ratios, M1 band and a smooth-terminating band, dynamical moments of inertia, and configurations. Calculated potential energy surfaces. Comparisons with total Routhian surface and cranked Nilsson-Strutinsky calculations, and with systematics of rotational band structures in ^{105}Ag, ^{106}Cd, ^{108}Sn, ^{109}Sb, ^{110}Te and ^{111}I. ^{104}Cd, ^{106}In, ^{107}Sn; measured Eγ. JOUR PRVCA 81 034303
	2010PA19	NUCLEAR REACTIONS ^{78}Se(^{32}S, 3np), E=125 MeV; measured Eγ, I$\gamma(\theta)$. ^{106}In; deduced levels, J, π, mixing ratio, bands, DCO matrix. ^{106}In, ^{106,108}Ag calculated levels, J, π, deformation, B(M1), B(E2) using projected deformed HF. JOUR NUPAB 834 81c

A=107

^{107}Sr	2010OH02	NUCLEAR REACTIONS Be, Pb(^{238}U, F), E=345 MeV / nucleon; measured yields of fission fragments. Z=20-56, A=52-152; measured yields. ^{71}Mn, ^{73,74}Fe, ^{76}Co, ^{79}Ni, ^{81,82}Cu, ^{84,85}Zn, ^{87}Ga, ^{90}Ge, ^{95}Se, ^{98}Br, ^{101}Kr, ^{103}Rb, ^{106,107}Sr, ^{108,109}Y, ^{111,112}Zr, ^{114,115}Nb, ^{115,116,117}Mo, ^{119,120}Tc, ^{121,122,123,124}Ru, ^{123,124,125,126}Rh, ^{127,128}Pd, ^{133}Cd, ^{138}Sn, ^{140}Sb, ^{143}Te, ^{145}I, ^{148}Xe, ^{152}Ba; measured yields and cross sections, identified new isotopes using RI beam factory at RIKEN, ΔE-TOF-Bρ method. JOUR JUPSA 79 073201
^{107}Mo	2008SIZS	RADIOACTIVITY ^{136}Sb(β^-)[from ^{241}Pu(n, f), E=thermal]; measured delayed Eγ, Iγ, E(ce), x-rays; deduced E, J, π, B(E2); ^{105,107}Mo, ^{107}Tc(β^-)[from ^{248}Cm(SF)]; measured Eγ, Iγ, E(ce); deduced E, J, π, isomer decay, bands; calculated E, J, π, isomeric transition using standard BCS. The Sb data compared to calculations of Corragio. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P71
^{107}Tc	2008SIZS	RADIOACTIVITY ^{136}Sb(β^-)[from ^{241}Pu(n, f), E=thermal]; measured delayed Eγ, Iγ, E(ce), x-rays; deduced E, J, π, B(E2); ^{105,107}Mo, ^{107}Tc(β^-)[from ^{248}Cm(SF)]; measured Eγ, Iγ, E(ce); deduced E, J, π, isomer decay, bands; calculated E, J, π, isomeric transition using standard BCS. The Sb data compared to calculations of Corragio. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P71
	2010AL22	RADIOACTIVITY ^{101}Nb, ^{105}Mo, ^{102,104,105,106,107}Tc(β^-) [from U(p, X), E=30, 50 MeV]; measured Eγ, Iγ, mass; deduced β-feeding probabilities, discrepancies for decay heat of ^{239}Pu. JOUR PRLTA 105 202501
	2010LI10	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$ using Gammasphere array. ^{140}Cs; deduced levels, J, π, configurations. ^{107,108,109,110}Tc; measured Eγ. Comparison with level structure of ^{138}I and with systematics of N=85 isotones of ^{137}Te, ^{138}I, ^{139}Xe, ^{140}Cs, ^{141}Ba, ^{145}Nd, ^{146}Pm, ^{147}Sm, ^{148}Eu and ^{149}Gd. JOUR PRVCA 81 037302
	2010LI14	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$. ^{142}Cs; deduced levels, J, π, multipolarity, bands, B(E1), B(E2), electric dipole moments. ^{106,107}Tc; measured Eγ. Systematics of electric dipole moments for Xe (N=85-88), Cs (N=86-88), Ba (N=85-90), La (N=88, 90), Ce (N=86, 88, 90), Nd (N=86, 88, 90), Sm(N=86, 88). JOUR PRVCA 81 057304
	2010LU02	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$ using Gammasphere. ^{141,144}Cs; deduced levels, J, p, conversion coefficients, multipolarities, bands, parity doublets, simplex structure, B(E1) / B(E2), dipole moment. Comparison with level structure of ^{143}Cs and with systematics of adjacent N=85-92 nuclei. ^{105,106,107,108}Tc; measured Eγ. JOUR NUPAB 838 1
	2010WA26	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{103}Nb, ^{105}Mo, ^{107}Tc; deduced levels, J, π, high-spin states, 2γ-vibrational bands. JOUR NUPAB 834 94c

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

^{107}Ru	2008SIZS	RADIOACTIVITY ^{136}Sb(β^-)[from ^{241}Pu(n, f), E=thermal]; measured Eγ, Iγ, E(ce), x-rays; deduced E, J, π, B(E2); ^{105,107}Mo, ^{107}Tc(β^-)[from ^{248}Cm(SF)]; measured Eγ, Iγ, E(ce); deduced E, J, π, isomer decay, bands; calculated E, J, π, isomeric transition using standard BCS. The Sb data compared to calculations of Corragio. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P71
	2009SH42	NUCLEAR REACTIONS ^{12}C(^{238}U, X), E=1.45 GeV; measured Eγ, Iγ using EXOGAM array, fission fragments using VAMOS detector. ^{134}Xe; deduced levels, J, π. ^{100}Zr, ^{106,107,108,109}Ru, ^{133}Xe, ^{138}Xe; measured Eγ. Comparison with shell model calculations for Z>49, N<83 nuclei. JOUR PRVCA 80 051305
	2010AL22	RADIOACTIVITY ^{101}Nb, ^{105}Mo, ^{102,104,105,106,107}Tc(β^-) [from U(p, X), E=30, 50 MeV]; measured Eγ, Iγ, mass; deduced β-feeding probabilities, discrepancies for decay heat of ^{239}Pu. JOUR PRLTA 105 202501
^{107}Rh	2010BEZU	NUCLEAR REACTIONS ^{102,106,108}Pd(γ, p), E=30 MeV bremsstrahlung; ^{102,110}Pd(γ, n), E=30 MeV bremsstrahlung; measured yield with activation method; ^{101,109}Pd, ^{101,105,107}Rh; deduced yields, isomeric ratios Y_m / Y_g. CONF St.-Petersburg,P155,Belyshev
^{107}Ag	2009PEZY	NUCLEAR REACTIONS ^{96}Mo(^{88}Sr, 2n), E=351 MeV; measured Eγ, Iγ, γγ-coin.; deduced decay curves of yrast transitions, quadrupole moments; ^{107}Ag(^{184}Hg, ^{184}Hg'), E=2.85 MeV / nucleon;^{120}Sn(^{184}Hg, ^{184}Hg'), E=2.85 MeV / nucleon;^{107}Ag(^{186}Hg, ^{186}Hg'), E=2.85 MeV / nucleon;^{120}Sn(^{186}Hg, ^{186}Hg'), E=2.85 MeV / nucleon;^{107}Ag(^{188}Hg, ^{188}Hg'), E=2.85 MeV / nucleon;^{120}Sn(^{188}Hg, ^{188}Hg'), E=2.85 MeV / nucleon; measured Eγ, Iγ, particle-γ-coin. Plunger device with JUROGAM + RITU + GREAT, matrix E2 elements to be extracted. CONF Cologne (Capture Gamma-Ray Spectroscopy) Proc,P414,Petts
^{107}In	2010ID01	NUCLEAR REACTIONS ^{58}Ni(^{52}Cr, 3p), E=187 MeV; measured Eγ, Iγ, γγ-, (recoil)γ-coin, γ(θ) using the JUROGAM array. ^{107}In; deduced levels, J, π, multipolarity, mixing ratios, M1 band and a smooth-terminating band, dynamical moments of inertia, and configurations. Calculated potential energy surfaces. Comparisons with total Routhian surface and cranked Nilsson-Strutinsky calculations, and with systematics of rotational band structures in ^{105}Ag, ^{106}Cd, ^{108}Sn, ^{109}Sb, ^{110}Te and ^{111}I. ^{104}Cd, ^{106}In, ^{107}Sn; measured Eγ. JOUR PRVCA 81 034303
	2010NE05	NUCLEAR REACTIONS ^{94}Mo(^{16}O, 2np)^{107}In, E=70 MeV; measured Eγ, Iγ, γγ-coin, DCO, linear polarization, half-lives by DSAM using INGA array. ^{107}In; deduced levels, J, π, multipolarity, bands, B(M1), B(E2), B(M1) / B(E2), Q(t), β_2, configurations, shears band. Comparison with systematics of bands in ^{105,108}In and with TAC calculations. JOUR PRVCA 81 054322
	2010SI14	NUCLEAR REACTIONS ^{78}Se(^{32}S, 2np), E=125 MeV; measured Eγ, Iγ, γγ-coin, angular distributions, DCO ratios, polarization. ^{107}In; deduced levels, J, π, bands, configurations, B(M1), B(E2). Comparison with projected Hartree-Fock calculations. JOUR ZAANE 43 45

A=107 *(continued)*

^{107}Sn	2010ID01	NUCLEAR REACTIONS ^{58}Ni(^{52}Cr, 3p), E=187 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin, $\gamma(\theta)$ using the JUROGAM array. ^{107}In; deduced levels, J, π, multipolarity, mixing ratios, M1 band and a smooth-terminating band, dynamical moments of inertia, and configurations. Calculated potential energy surfaces. Comparisons with total Routhian surface and cranked Nilsson-Strutinsky calculations, and with systematics of rotational band structures in ^{105}Ag, ^{106}Cd, ^{108}Sn, ^{109}Sb, ^{110}Te and ^{111}I. ^{104}Cd, ^{106}In, ^{107}Sn; measured Eγ. JOUR PRVCA 81 034303

A=108

^{108}Y	2010OH02	NUCLEAR REACTIONS Be, Pb(^{238}U, F), E=345 MeV / nucleon; measured yields of fission fragments. Z=20-56, A=52-152; measured yields. ^{71}Mn, ^{73,74}Fe, ^{76}Co, ^{79}Ni, ^{81,82}Cu, ^{84,85}Zn, ^{87}Ga, ^{90}Ge, ^{95}Se, ^{98}Br, ^{101}Kr, ^{103}Rb, ^{106,107}Sr, ^{108,109}Y, ^{111,112}Zr, ^{114,115}Nb, ^{115,116,117}Mo, ^{119,120}Tc, ^{121,122,123,124}Ru, ^{123,124,125,126}Rh, ^{127,128}Pd, ^{133}Cd, ^{138}Sn, ^{140}Sb, ^{143}Te, ^{145}I, ^{148}Xe, ^{152}Ba; measured yields and cross sections, identified new isotopes using RI beam factory at RIKEN, ΔE-TOF-Bρ method. JOUR JUPSA 79 073201
^{108}Mo	2008GOZO	RADIOACTIVITY ^{104,106,108}Mo, ^{106,108,110,112}Ru, ^{112,114,116}Pd(β^-) [from fission]; measured Eγ, Iγ; deduced mixing ratio, g-factor. Abstract only. CONF E.Lansing (NS2008),P106,Goodin
^{108}Tc	2008GOZO	RADIOACTIVITY ^{104,106,108}Mo, ^{106,108,110,112}Ru, ^{112,114,116}Pd(β^-) [from fission]; measured Eγ, Iγ; deduced mixing ratio, g-factor. Abstract only. CONF E.Lansing (NS2008),P106,Goodin
	2010LI10	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$ using Gammasphere array. ^{140}Cs; deduced levels, J, π, configurations. ^{107,108,109,110}Tc; measured Eγ. Comparison with level structure of ^{138}I and with systematics of N=85 isotones of ^{137}Te, ^{138}I, ^{139}Xe, ^{140}Cs, ^{141}Ba, ^{145}Nd, ^{146}Pm, ^{147}Sm, ^{148}Eu and ^{149}Gd. JOUR PRVCA 81 037302
	2010LU02	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$ using Gammasphere. ^{141,144}Cs; deduced levels, J, p, conversion coefficients, multipolarities, bands, parity doublets, simplex structure, B(E1) / B(E2), dipole moment. Comparison with level structure of ^{143}Cs and with systematics of adjacent N=85-92 nuclei. ^{105,106,107,108}Tc; measured Eγ. JOUR NUPAB 838 1
^{108}Ru	2008GOZO	RADIOACTIVITY ^{104,106,108}Mo, ^{106,108,110,112}Ru, ^{112,114,116}Pd(β^-) [from fission]; measured Eγ, Iγ; deduced mixing ratio, g-factor. Abstract only. CONF E.Lansing (NS2008),P106,Goodin
	2008HAZH	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, γ-γ-γ-coin.; ^{108,110,112}Ru, ^{106}Mo; deduced band structures, possible chiral doublets. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P387,Hamilton
	2008RAZY	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, γ-γ-coin.; ^{148}Ce, ^{108}Ru; deduced angular correlation of γ cascades, mixing ratio. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P57,Ramayya

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

	2009SH42	NUCLEAR REACTIONS ^{12}C(^{238}U, X), E=1.45 GeV; measured Eγ, Iγ using EXOGAM array, fission fragments using VAMOS detector. ^{134}Xe; deduced levels, J, π. ^{100}Zr, ^{106,107,108,109}Ru, ^{133}Xe, ^{138}Xe; measured Eγ. Comparison with shell model calculations for Z>49, N<83 nuclei. JOUR PRVCA 80 051305
	2010LUZZ	RADIOACTIVITY ^{252}Cf(SF); ^{108,110,112}Ru; measured Eγ, Iγ, $\gamma\gamma\gamma$-coin.; deduced level schemes, mixing ratios, bands, J, π, angular correlations, level energies, corrected values for γ-cascade in ^{110}Ru. PC J H. Hamilton,2/11/2010
^{108}Rh	2008GOZO	RADIOACTIVITY ^{104,106,108}Mo, ^{106,108,110,112}Ru, ^{112,114,116}Pd(β^-) [from fission]; measured Eγ, Iγ; deduced mixing ratio, g-factor. Abstract only. CONF E.Lansing (NS2008),P106,Goodin
^{108}Pd	2008STZK	NUCLEAR REACTIONS Cd(^{32}S, X), ^{110,111,112,113,114,115,116}Cd, E=95 MeV; measured E(particle), I(particle, θ); C(^{96}Ru, X), (^{98}Ru, X), (^{100}Ru, X), (^{102}Ru, X), (^{104}Ru, X), (^{102}Pd, X), (^{104}Pd, X), (^{106}Pd, X), (^{108}Pd, X), (^{110}Pd, X), (^{106}Cd, X), (^{108}Cd, X), (^{112}Cd, X), E≈240 MeV; measured Eγ, I$\gamma(\theta)$, $\gamma\gamma$-coin. ^{96,98,100,102,104}Ru, ^{102,104,106,108,110}Pd, ^{104,106,108,110,112,114}Cd deduced g factor, B(E2); calculated $\sigma(\theta)$, g factor, B(E2) using cranking model. Results on CD only. CONF E.Lansing (NS2008),P182,Stuchbery
	2008STZP	NUCLEAR REACTIONS ^{120}Sn(^{67}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; ^{120}Sn(^{69}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; ^{120}Sn(^{71}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; ^{120}Sn(^{73}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; ^{104}Pd(^{67}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; ^{104}Pd(^{69}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; ^{104}Pd(^{71}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; ^{104}Pd(^{73}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; measured Cu Coulomb excitation Eγ, I$\gamma(\theta)$, $\gamma\gamma$-coin; deduced E, J, π, B(E2). CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P671
^{108}Ag	2010PA19	NUCLEAR REACTIONS ^{78}Se(^{32}S, 3np), E=125 MeV; measured Eγ, I$\gamma(\theta)$. ^{106}In; deduced levels, J, π, mixing ratio, bands, DCO matrix. ^{106}In, ^{106,108}Ag calculated levels, J, π, deformation, B(M1), B(E2) using projected deformed HF. JOUR NUPAB 834 81c
^{108}Cd	2008STZK	NUCLEAR REACTIONS Cd(^{32}S, X), ^{110,111,112,113,114,115,116}Cd, E=95 MeV; measured E(particle), I(particle, θ); C(^{96}Ru, X), (^{98}Ru, X), (^{100}Ru, X), (^{102}Ru, X), (^{104}Ru, X), (^{102}Pd, X), (^{104}Pd, X), (^{106}Pd, X), (^{108}Pd, X), (^{110}Pd, X), (^{106}Cd, X), (^{108}Cd, X), (^{112}Cd, X), E≈240 MeV; measured Eγ, I$\gamma(\theta)$, $\gamma\gamma$-coin. ^{96,98,100,102,104}Ru, ^{102,104,106,108,110}Pd, ^{104,106,108,110,112,114}Cd deduced g factor, B(E2); calculated $\sigma(\theta)$, g factor, B(E2) using cranking model. Results on CD only. CONF E.Lansing (NS2008),P182,Stuchbery
	2010RO15	NUCLEAR REACTIONS ^{100}Mo(^{13}C, 5n)^{108}Cd, E=65 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives by DSAM. ^{108}Cd; deduced levels, J, π, multipolarity, shears band, band crossing, B(M1), B(E2), shears angle. Comparison with systematics of B(M1) values in ^{110}Cd. JOUR PRVCA 81 054311

A=108 *(continued)*

^{108}In	2010BEZW	NUCLEAR REACTIONS ^{107}Ag(γ, 3n)^{104}Ag, ^{113}In(γ, 3n)^{110}In, ^{109}Ag(γ, 5n)^{104}Ag, ^{115}In(γ, 5n)^{110}In, ^{115}In(γ, 7n)^{108}In, E=34-90 MeV bremsstrahlung; measured yields with activation method. ^{104}Ag, ^{110,108}In; deduced isomeric ratios Y_m / Y_g vs Eγ. CONF St.-Petersburg,P151,Bezshyyko
	2010EK01	NUCLEAR REACTIONS ^{58}Ni(^{106}In, ^{106}In'), (^{108}In, ^{108}In'), E=2.8 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following Coulomb excitation at the REX-ISOLDE facility. ^{106,108}In; deduced levels, J, π, B(E2); calculated low-lying level properties, E2, M1 matrix elements using shell model plus coupled channels. JOUR ZAANE 44 355
	2010HE04	NUCLEAR REACTIONS Cd(α, xnα), ^{108}Cd(α, 2n), (α, p), (α, np), (α, 2np), (α, 3np), ^{106}Cd(α, np), ^{109}Cd(α, np), (α, 3np), ^{110}Cd(α, n), (α, p), (α, 2np), (α, 3np), ^{111}Cd(α, p), (α, np), (α, 3np), ^{112}Cd(α, 3n), (α, p), (α, np), (α, 2np), ^{113}Cd(α, p), (α, np), (α, 2np), (α, 3np), ^{114}Cd(α, n), (α, p), (α, np), (α, 2np), (α, 3np), (α, 4np), (α, n2p), ^{116}Cd(α, 3n), (α, 2np), (α, 3np), (α, 3n2p), Cu(α, X)^{66}Ga / ^{67}Ga, E=5-50 MeV; measured Eγ, Iγ; deduced σ. Comparison with experimental data, ALICE-IPPE, EMPIRE, GNASH codes. JOUR NIMBE 268 1376

A=109

^{109}Y	2010OH02	NUCLEAR REACTIONS Be, Pb(^{238}U, F), E=345 MeV / nucleon; measured yields of fission fragments. Z=20-56, A=52-152; measured yields. ^{71}Mn, ^{73,74}Fe, ^{76}Co, ^{79}Ni, ^{81,82}Cu, ^{84,85}Zn, ^{87}Ga, ^{90}Ge, ^{95}Se, ^{98}Br, ^{101}Kr, ^{103}Rb, ^{106,107}Sr, ^{108,109}Y, ^{111,112}Zr, ^{114,115}Nb, ^{115,116,117}Mo, ^{119,120}Tc, ^{121,122,123,124}Ru, ^{123,124,125,126}Rh, ^{127,128}Pd, ^{133}Cd, ^{138}Sn, ^{140}Sb, ^{143}Te, ^{145}I, ^{148}Xe, ^{152}Ba; measured yields and cross sections, identified new isotopes using RI beam factory at RIKEN, ΔE-TOF-Bρ method. JOUR JUPSA 79 073201
^{109}Tc	2010GU07	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma\gamma$-coin.; ^{109}Tc; deduced level scheme, high spin states, yrast bands interpretation. Cranked shell model calculations. JOUR CPLEE 27 062501
	2010LI10	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$ using Gammasphere array. ^{140}Cs; deduced levels, J, π, configurations. ^{107,108,109,110}Tc; measured Eγ. Comparison with level structure of ^{138}I and with systematics of N=85 isotones of ^{137}Te, ^{138}I, ^{139}Xe, ^{140}Cs, ^{141}Ba, ^{145}Nd, ^{146}Pm, ^{147}Sm, ^{148}Eu and ^{149}Gd. JOUR PRVCA 81 037302
^{109}Ru	2009DI12	RADIOACTIVITY ^{252}Cf(SF); ^{109}Ru; measured Eγ, Iγ, γ-γ-coin.; deduced high-spin states, level scheme, ground state and negative and positive parity bands. JOUR CPCHC 33 s01 154
	2009SH42	NUCLEAR REACTIONS ^{12}C(^{238}U, X), E=1.45 GeV; measured Eγ, Iγ using EXOGAM array, fission fragments using VAMOS detector. ^{134}Xe; deduced levels, J, π. ^{100}Zr, ^{106,107,108,109}Ru, ^{133}Xe, ^{138}Xe; measured Eγ. Comparison with shell model calculations for Z>49, N<83 nuclei. JOUR PRVCA 80 051305

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

^{109}Pd	2010BEZU	NUCLEAR REACTIONS ^{102,106,108}Pd(γ, p), E=30 MeV bremsstrahlung; ^{102,110}Pd(γ, n), E=30 MeV bremsstrahlung; measured yield with activation method; ^{101,109}Pd, ^{101,105,107}Rh; deduced yields, isomeric ratios Y_m / Y_g. CONF St.-Petersburg,P155,Belyshev
^{109}Ag	2009EK01	NUCLEAR REACTIONS ^{109}Ag(^{100}Cd, ^{100}Cd'), E=287.0 MeV; ^{64}Zn, ^{109}Ag(^{102}Cd, ^{102}Cd'), E=292.7 MeV; ^{64}Zn, ^{109}Ag(^{104}Cd, ^{104}Cd'), E=298.7 MeV; measured Eγ, Iγ, γ(particle)-coin, and γ-ray yields using REX-ISOLDE facility. ^{64}Zn, ^{100,102,104}Cd, ^{109}Ag; deduced levels, J, π, E2 matrix elements, electric quadrupole moments. Comparison with shell model calculations. JOUR PRVCA 80 054302
	2009MUZW	NUCLEAR REACTIONS ^{12}C(^{88}Kr, ^{88}Kr'), E not given;^{109}Ag(^{92}Kr, ^{92}Kr'), E not given; measured Coulomb excitation Eγ, Iγ; deduced ^{88,92}Kr B(E2). ^{92}Kr B(E2) in contrast to what was supposed. CONF Cologne (Capture Gamma-Ray Spectroscopy) Proc,P587,Mucher
	2009VA16	NUCLEAR REACTIONS ^{109}Ag(^{61}Mn, ^{61}Mn'), (^{61}Fe, ^{61}Fe'), E=2.87 MeV / nucleon; measured Eγ, Iγ following Coulomb excitation at the REX-ISOLDE facility and in-trap decay. ^{61}Mn, ^{61}Fe; deduced levels $T_{1/2}$, B(E2), B(M1). Comparison with large-scale shell model calculations. JOUR ZAANE 42 401
^{109}In	2010DE01	NUCLEAR REACTIONS ^{232}Th(γ, F)^{77}Ge / ^{82}Br / ^{85}Kr / ^{85}Sr / ^{85}Y / ^{87}Kr / ^{87}Sr / ^{87}Y / ^{88}Kr / ^{91}Sr / ^{91}Y / ^{92}Sr / ^{92}Y / ^{93}Y / ^{93}Mo / ^{93}Tc / ^{95}Zr / ^{95}Nb / ^{95}Tc / ^{96}Nb / ^{97}Zr / ^{97}Nb / ^{99}Mo / ^{99}Tc / ^{99}Rh / ^{101}Tc / ^{101}Rh / ^{103}Ru / ^{105}Ru / ^{105}Rh / ^{109}In / ^{111}Pd / ^{111}Ag / ^{112}Pd / ^{112}Ag / ^{113}Ag / ^{115}Ag / ^{115}Cd / ^{117}Cd / ^{117}In, E=50, 3500 MeV; measured Eγ, Iγ; deduced yield of fission fragments, symmetric contribution high-energy fission component. JOUR PANUE 73 24
	2010HE04	NUCLEAR REACTIONS Cd(α, xnα), ^{108}Cd(α, 2n), (α, p), (α, np), (α, 2np), (α, 3np), ^{106}Cd(α, np), ^{109}Cd(α, np), (α, 3np), ^{110}Cd(α, n), (α, p), (α, 2np), (α, 3np), ^{111}Cd(α, p), (α, np), (α, 3np), ^{112}Cd(α, 3n), (α, p), (α, np), (α, 2np), ^{113}Cd(α, p), (α, np), (α, 2np), (α, 3np), ^{114}Cd(α, n), (α, p), (α, np), (α, 2np), (α, 3np), (α, 4np), (α, n2p), ^{116}Cd(α, 3n), (α, 2np), (α, 3np), (α, 3n2p), Cu(α, X)^{66}Ga / ^{67}Ga, E=5-50 MeV; measured Eγ, Iγ; deduced σ. Comparison with experimental data, ALICE-IPPE, EMPIRE, GNASH codes. JOUR NIMBE 268 1376
^{109}Xe	2008DAZS	RADIOACTIVITY ^{109}Xe(α)[from ^{54}Fe+^{58}Ni->^{112}Xe->^{109}Xe+3n]; ^{105}Te(α); measured Eγ, Iγ, Iα; deduced ^{101}Sn E, J, π; calculated E($d_{5/2}$), E($g_{7/2}$) using shell model. Decay chain compared to that of ^{111}Xe->^{107}Te->^{103}Sn from other papers. Results on CD only. CONF E.Lansing (NS2008),P3,Darby
	2010DA17	RADIOACTIVITY ^{109}Xe, ^{105}Te(α); measured Iα, Eα, Iγ, Iγ; deduced J, π for ground and first excited states in ^{101}Sn, ground state spin inversion, strong pairing interaction. Comparison with shell model calculations. JOUR PRLTA 105 162502

A=110

^{110}Tc	2010LI10	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$ using Gammasphere array. ^{140}Cs; deduced levels, J, π, configurations. ^{107,108,109,110}Tc; measured Eγ. Comparison with level structure of ^{138}I and with systematics of N=85 isotones of ^{137}Te, ^{138}I, ^{139}Xe, ^{140}Cs, ^{141}Ba, ^{145}Nd, ^{146}Pm, ^{147}Sm, ^{148}Eu and ^{149}Gd. JOUR PRVCA 81 037302
^{110}Ru	2008GOZO	RADIOACTIVITY ^{104,106,108}Mo, ^{106,108,110,112}Ru, ^{112,114,116}Pd(β^-) [from fission]; measured Eγ, Iγ; deduced mixing ratio, g-factor. Abstract only. CONF E.Lansing (NS2008),P106,Goodin
	2008HAZH	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, γ-γ-γ-coin.; ^{108,110,112}Ru, ^{106}Mo; deduced band structures, possible chiral doublets. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P387,Hamilton
	2009ZH50	RADIOACTIVITY ^{252}Cf(SF); ^{106}Mo, ^{110,112}Ru; measured Eγ, Iγ, γ-γ-coin.; deduced high-spin states, chiral doublet vibrational bands, J, π, energies, B(E2) / B(M1), branching ratios. 3D-Tilted Axis Cranking (TAC) calculations. JOUR CPCHC 33 s01 145
	2010LUZZ	RADIOACTIVITY ^{252}Cf(SF); ^{108,110,112}Ru; measured Eγ, Iγ, $\gamma\gamma\gamma$-coin.; deduced level schemes, mixing ratios, bands, J, π, angular correlations, level energies, corrected values for γ-cascade in ^{110}Ru. PC J H. Hamilton,2/11/2010
^{110}Rh	2008GOZO	RADIOACTIVITY ^{104,106,108}Mo, ^{106,108,110,112}Ru, ^{112,114,116}Pd(β^-) [from fission]; measured Eγ, Iγ; deduced mixing ratio, g-factor. Abstract only. CONF E.Lansing (NS2008),P106,Goodin
^{110}Pd	2008SCZP	NUCLEAR REACTIONS Ti(^{21}Na, ^{21}Na'), E=1.7 MeV / nucleon; Ti(^{21}Ne, ^{21}Ne'), E=1.7 MeV / nucleon; Ti(^{20}Na, ^{20}Na'), E≈1.7 MeV / nucleon; ^{110}Pd(^{29}Na, ^{29}Na'), E=70 MeV; measured Coulomb excitation Eγ, I$\gamma(\theta)$, $\gamma\gamma$-coin, I(particle, θ), (particle)γ-coin; deduced E, J, π, γ yields, B(E2), quadrupole moments, mixing ratio; calculated B(E2), γ yields. Results on CD only. CONF E.Lansing (NS2008),P54,Schumaker
	2008STZK	NUCLEAR REACTIONS Cd(^{32}S, X), ^{110,111,112,113,114,115,116}Cd, E=95 MeV; measured E(particle), I(particle, θ); C(^{96}Ru, X), (^{98}Ru, X), (^{100}Ru, X), (^{102}Ru, X), (^{104}Ru, X), (^{102}Pd, X), (^{104}Pd, X), (^{106}Pd, X), (^{108}Pd, X), (^{110}Pd, X), (^{106}Cd, X), (^{108}Cd, X), (^{112}Cd, X), E≈240 MeV; measured Eγ, I$\gamma(\theta)$, $\gamma\gamma$-coin. ^{96,98,100,102,104}Ru, ^{102,104,106,108,110}Pd, ^{104,106,108,110,112,114}Cd deduced g factor, B(E2); calculated $\sigma(\theta)$, g factor, B(E2) using cranking model. Results on CD only. CONF E.Lansing (NS2008),P182,Stuchbery
	2008STZP	NUCLEAR REACTIONS ^{120}Sn(^{67}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; ^{120}Sn(^{69}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; ^{120}Sn(^{71}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; ^{120}Sn(^{73}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; ^{104}Pd(^{67}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; ^{104}Pd(^{69}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; ^{104}Pd(^{71}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; ^{104}Pd(^{73}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; measured Cu Coulomb excitation Eγ, I$\gamma(\theta)$, $\gamma\gamma$-coin; deduced E, J, π, B(E2). CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P671

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

^{110}Cd	2008STZK	NUCLEAR REACTIONS Cd(^{32}S, X), ^{110,111,112,113,114,115,116}Cd, E=95 MeV; measured E(particle), I(particle, θ); C(^{96}Ru, X), (^{98}Ru, X), (^{100}Ru, X), (^{102}Ru, X), (^{104}Ru, X), (^{102}Pd, X), (^{104}Pd, X), (^{106}Pd, X), (^{108}Pd, X), (^{110}Pd, X), (^{106}Cd, X), (^{108}Cd, X), (^{112}Cd, X), E≈240 MeV; measured Eγ, I$\gamma(\theta)$, $\gamma\gamma$-coin. ^{96,98,100,102,104}Ru, ^{102,104,106,108,110}Pd, ^{104,106,108,110,112,114}Cd deduced g factor, B(E2); calculated $\sigma(\theta)$, g factor, B(E2) using cranking model. Results on CD only. CONF E.Lansing (NS2008),P182,Stuchbery
	2009BE44	RADIOACTIVITY ^{104}Ag, ^{110}In(EC) [from ^{107}Ag, ^{113}In(γ, 3n)]; measured Eγ, Iγ; deduced level energies, $T_{1/2}$, isomeric ratios. Comparison with calculations and TALYS code. JOUR BRSPE 73 1461
^{110}In	2009BE44	RADIOACTIVITY ^{104}Ag, ^{110}In(EC) [from ^{107}Ag, ^{113}In(γ, 3n)]; measured Eγ, Iγ; deduced level energies, $T_{1/2}$, isomeric ratios. Comparison with calculations and TALYS code. JOUR BRSPE 73 1461
	2010BEZW	NUCLEAR REACTIONS ^{107}Ag(γ, 3n)^{104}Ag, ^{113}In(γ, 3n)^{110}In, ^{109}Ag(γ, 5n)^{104}Ag, ^{115}In(γ, 5n)^{110}In, ^{115}In(γ, 7n)^{108}In, E=34-90 MeV bremsstrahlung; measured yields with activation method. ^{104}Ag, ^{110,108}In; deduced isomeric ratios Y_m / Y_g vs Eγ. CONF St.-Petersburg,P151,Bezshyyko
	2010HE04	NUCLEAR REACTIONS Cd(α, xnα), ^{108}Cd(α, 2n), (α, p), (α, np), (α, 2np), (α, 3np), ^{106}Cd(α, np), ^{109}Cd(α, np), (α, 3np), ^{110}Cd(α, n), (α, p), (α, 2np), (α, 3np), ^{111}Cd(α, p), (α, np), (α, 3np), ^{112}Cd(α, 3n), (α, p), (α, np), (α, 2np), ^{113}Cd(α, p), (α, np), (α, 2np), (α, 3np), ^{114}Cd(α, n), (α, p), (α, np), (α, 2np), (α, 3np), (α, 4np), (α, n2p), ^{116}Cd(α, 3n), (α, 2np), (α, 3np), (α, 3n2p), Cu(α, X)^{66}Ga / ^{67}Ga, E=5-50 MeV; measured Eγ, Iγ; deduced σ. Comparison with experimental data, ALICE-IPPE, EMPIRE, GNASH codes. JOUR NIMBE 268 1376
^{110}Sn	2010HE04	NUCLEAR REACTIONS Cd(α, xnα), ^{108}Cd(α, 2n), (α, p), (α, np), (α, 2np), (α, 3np), ^{106}Cd(α, np), ^{109}Cd(α, np), (α, 3np), ^{110}Cd(α, n), (α, p), (α, 2np), (α, 3np), ^{111}Cd(α, p), (α, np), (α, 3np), ^{112}Cd(α, 3n), (α, p), (α, np), (α, 2np), ^{113}Cd(α, p), (α, np), (α, 2np), (α, 3np), ^{114}Cd(α, n), (α, p), (α, np), (α, 2np), (α, 3np), (α, 4np), (α, n2p), ^{116}Cd(α, 3n), (α, 2np), (α, 3np), (α, 3n2p), Cu(α, X)^{66}Ga / ^{67}Ga, E=5-50 MeV; measured Eγ, Iγ; deduced σ. Comparison with experimental data, ALICE-IPPE, EMPIRE, GNASH codes. JOUR NIMBE 268 1376

A=111

^{111}Zr	2010OH02	NUCLEAR REACTIONS Be, Pb(^{238}U, F), E=345 MeV / nucleon; measured yields of fission fragments. Z=20-56, A=52-152; measured yields. ^{71}Mn, ^{73,74}Fe, ^{76}Co, ^{79}Ni, ^{81,82}Cu, ^{84,85}Zn, ^{87}Ga, ^{90}Ge, ^{95}Se, ^{98}Br, ^{101}Kr, ^{103}Rb, ^{106,107}Sr, ^{108,109}Y, ^{111,112}Zr, ^{114,115}Nb, ^{115,116,117}Mo, ^{119,120}Tc, ^{121,122,123,124}Ru, ^{123,124,125,126}Rh, ^{127,128}Pd, ^{133}Cd, ^{138}Sn, ^{140}Sb, ^{143}Te, ^{145}I, ^{148}Xe, ^{152}Ba; measured yields and cross sections, identified new isotopes using RI beam factory at RIKEN, ΔE-TOF-Bρ method. JOUR JUPSA 79 073201
^{111}Pd	2010DE01	NUCLEAR REACTIONS ^{232}Th(γ, F)^{77}Ge / ^{82}Br / ^{85}Kr / ^{85}Sr / ^{85}Y / ^{87}Kr / ^{87}Sr / ^{87}Y / ^{88}Kr / ^{91}Sr / ^{91}Y / ^{92}Sr / ^{92}Y / ^{93}Y / ^{93}Mo / ^{93}Tc / ^{95}Zr / ^{95}Nb / ^{95}Tc / ^{96}Nb / ^{97}Zr / ^{97}Nb / ^{99}Mo / ^{99}Tc / ^{99}Rh / ^{101}Tc / ^{101}Rh / ^{103}Ru / ^{105}Ru / ^{105}Rh / ^{109}In / ^{111}Pd / ^{111}Ag / ^{112}Pd / ^{112}Ag / ^{113}Ag / ^{115}Ag / ^{115}Cd / ^{117}Cd / ^{117}In, E=50, 3500 MeV; measured Eγ, Iγ; deduced yield of fission fragments, symmetric contribution high-energy fission component. JOUR PANUE 73 24
^{111}Ag	2010DE01	NUCLEAR REACTIONS ^{232}Th(γ, F)^{77}Ge / ^{82}Br / ^{85}Kr / ^{85}Sr / ^{85}Y / ^{87}Kr / ^{87}Sr / ^{87}Y / ^{88}Kr / ^{91}Sr / ^{91}Y / ^{92}Sr / ^{92}Y / ^{93}Y / ^{93}Mo / ^{93}Tc / ^{95}Zr / ^{95}Nb / ^{95}Tc / ^{96}Nb / ^{97}Zr / ^{97}Nb / ^{99}Mo / ^{99}Tc / ^{99}Rh / ^{101}Tc / ^{101}Rh / ^{103}Ru / ^{105}Ru / ^{105}Rh / ^{109}In / ^{111}Pd / ^{111}Ag / ^{112}Pd / ^{112}Ag / ^{113}Ag / ^{115}Ag / ^{115}Cd / ^{117}Cd / ^{117}In, E=50, 3500 MeV; measured Eγ, Iγ; deduced yield of fission fragments, symmetric contribution high-energy fission component. JOUR PANUE 73 24
^{111}Cd	2008TAZI	NUCLEAR REACTIONS Pb(p, x), E=1, 1.4 GeV; Bi(p, x), E=1, 1.4 GeV; measured Eγ, Iγ, A(particle) using melted thick target at ISOLDE facility; ^{76,77,79,85,87,88,89,90}Kr, ^{111}Cd, ^{121,124,126}I, ^{120,121,122,123,125,127,129,131,133}Xe, ^{184,186,188,190,192,193,195,197,203,205,206}Hg, ^{204,205,206,207,208,209,210}At; deduced thick target yields temperature dependence 250-600 centigrade; calculated using FLUKA, MCNPX with INCL4 / ABLA. CONF Nice (Nucl Data for Sci and Technol) Proc,P1069
^{111}In	2010HE04	NUCLEAR REACTIONS Cd(α, xnα), ^{108}Cd(α, 2n), (α, p), (α, np), (α, 2np), (α, 3np), ^{106}Cd(α, np), ^{109}Cd(α, np), (α, 3np), ^{110}Cd(α, n), (α, p), (α, 2np), (α, 3np), ^{111}Cd(α, p), (α, np), (α, 3np), ^{112}Cd(α, 3n), (α, p), (α, np), (α, 2np), ^{113}Cd(α, p), (α, np), (α, 2np), (α, 3np), ^{114}Cd(α, n), (α, p), (α, np), (α, 2np), (α, 3np), (α, 4np), (α, n2p), ^{116}Cd(α, 3n), (α, 2np), (α, 3np), (α, 3n2p), Cu(α, X)^{66}Ga / ^{67}Ga, E=5-50 MeV; measured Eγ, Iγ; deduced σ. Comparison with experimental data, ALICE-IPPE, EMPIRE, GNASH codes. JOUR NIMBE 268 1376
	2010PAZX	NUCLEAR REACTIONS ^{113}In(γ, n), (γ, 2n), Eγ=33, 34, 35 MeV bremsstrahlung; measured isomeric yield ratios with activation method. ^{111m,g,112m,g}In; deduced Y_m / Y_g vs Eγ. CONF St.-Petersburg,P187,Palvanov
	2011TA02	NUCLEAR REACTIONS ^{27}Al(d, X)^{22}Na / ^{24}Na, Ti(d, X)^{48}V, In(d, X)^{113}Sn / ^{111}In / ^{113}In / ^{114}In / / ^{115}In / ^{116}In / ^{111}Cd / ^{115}Cd, E<40 MeV; measured Eγ, Iγ; deduced thick target yields, σ. Comparison with experimetal data, ALICE-D and EMPIRE-D codes. JOUR ARISE 69 26

A=112

^{112}Zr	2010OH02	NUCLEAR REACTIONS Be, Pb(^{238}U, F), E=345 MeV / nucleon; measured yields of fission fragments. Z=20-56, A=52-152; measured yields. ^{71}Mn, ^{73,74}Fe, ^{76}Co, ^{79}Ni, ^{81,82}Cu, ^{84,85}Zn, ^{87}Ga, ^{90}Ge, ^{95}Se, ^{98}Br, ^{101}Kr, ^{103}Rb, ^{106,107}Sr, ^{108,109}Y, ^{111,112}Zr, ^{114,115}Nb, ^{115,116,117}Mo, ^{119,120}Tc, ^{121,122,123,124}Ru, ^{123,124,125,126}Rh, ^{127,128}Pd, ^{133}Cd, ^{138}Sn, ^{140}Sb, ^{143}Te, ^{145}I, ^{148}Xe, ^{152}Ba; measured yields and cross sections, identified new isotopes using RI beam factory at RIKEN, ΔE-TOF-Bρ method. JOUR JUPSA 79 073201
^{112}Tc	2008FOZS	NUCLEAR REACTIONS ^{9}Be(^{238}U, X), E=80 MeV / nucleon; measured thick target E(particle), I(particle), A(particle), Z(particle), Eγ, Iγ, (particle)γ-coin. ^{60}Mn, ^{78}Ga, ^{82}Ga, ^{92}Br, ^{95}Rb, ^{98}Rb, ^{92}Y, ^{101}Y, ^{112}Tc deduced isomeric transition, $T_{1/2}$, isomer ratio. Results on CD only. CONF E.Lansing (NS2008),P104,Folden
	2010BR15	NUCLEAR REACTIONS ^{9}Be(^{238}U, F), E=11.4, 750 MeV / nucleon; measured Eγ, Iγ, (fragment)γ-, $\gamma\gamma$-coin, $\gamma\gamma$(t), energy loss and time-of-flight, isomer half-lives. ^{112,113}Tc; deduced levels, J, π, oblate and triaxial structures. Comparison with Potential energy surface (PES) calculations. JOUR PRVCA 82 044312
^{112}Ru	2008GOZO	RADIOACTIVITY ^{104,106,108}Mo, ^{106,108,110,112}Ru, ^{112,114,116}Pd(β^-) [from fission]; measured Eγ, Iγ; deduced mixing ratio, g-factor. Abstract only. CONF E.Lansing (NS2008),P106,Goodin
	2008HAZH	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, γ-γ-γ-coin.; ^{108,110,112}Ru, ^{106}Mo; deduced band structures, possible chiral doublets. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P387,Hamilton
	2009ZH50	RADIOACTIVITY ^{252}Cf(SF); ^{106}Mo, ^{110,112}Ru; measured Eγ, Iγ, γ-γ-coin.; deduced high-spin states, chiral doublet vibrational bands, J, π, energies, B(E2) / B(M1), branching ratios. 3D-Tilted Axis Cranking (TAC) calculations. JOUR CPCHC 33 s01 145
	2010HA16	RADIOACTIVITY ^{112}Ru(IT) [from ^{252}Cf(SF)]; measured Eγ, Iγ, $\gamma\gamma$-coin; deduced wobbling bands. Comparison with systematics in adjacent nuclei. JOUR NUPAB 834 28c
	2010LUZZ	RADIOACTIVITY ^{252}Cf(SF); ^{108,110,112}Ru; measured Eγ, Iγ, $\gamma\gamma\gamma$-coin.; deduced level schemes, mixing ratios, bands, J, π, angular correlations, level energies, corrected values for γ-cascade in ^{110}Ru. PC J H. Hamilton,2/11/2010
^{112}Rh	2008GOZO	RADIOACTIVITY ^{104,106,108}Mo, ^{106,108,110,112}Ru, ^{112,114,116}Pd(β^-) [from fission]; measured Eγ, Iγ; deduced mixing ratio, g-factor. Abstract only. CONF E.Lansing (NS2008),P106,Goodin
^{112}Pd	2008GOZO	RADIOACTIVITY ^{104,106,108}Mo, ^{106,108,110,112}Ru, ^{112,114,116}Pd(β^-) [from fission]; measured Eγ, Iγ; deduced mixing ratio, g-factor. Abstract only. CONF E.Lansing (NS2008),P106,Goodin

A=112 ***(continued)***

	2010DE01	NUCLEAR REACTIONS ^{232}Th(γ, F)^{77}Ge / ^{82}Br / ^{85}Kr / ^{85}Sr / ^{85}Y / ^{87}Kr / ^{87}Sr / ^{87}Y / ^{88}Kr / ^{91}Sr / ^{91}Y / ^{92}Sr / ^{92}Y / ^{93}Y / ^{93}Mo / ^{93}Tc / ^{95}Zr / ^{95}Nb / ^{95}Tc / ^{96}Nb / ^{97}Zr / ^{97}Nb / ^{99}Mo / ^{99}Tc / ^{99}Rh / ^{101}Tc / ^{101}Rh / ^{103}Ru / ^{105}Ru / ^{105}Rh / ^{109}In / ^{111}Pd / ^{111}Ag / ^{112}Pd / ^{112}Ag / ^{113}Ag / ^{115}Ag / ^{115}Cd / ^{117}Cd / ^{117}In, E=50, 3500 MeV; measured Eγ, Iγ; deduced yield of fission fragments, symmetric contribution high-energy fission component. JOUR PANUE 73 24
^{112}Ag	2008GOZO	RADIOACTIVITY ^{104,106,108}Mo, ^{106,108,110,112}Ru, ^{112,114,116}Pd(β^-) [from fission]; measured Eγ, Iγ; deduced mixing ratio, g-factor. Abstract only. CONF E.Lansing (NS2008),P106,Goodin
	2010BR02	ATOMIC MASSES ^{112,114,115,116,117,118,119,120,121,122,123,124}Ag, ^{114,120,122,123,124,126,128}Cd; measured cyclotron frequencies relative to ^{133}Cs, and mass excesses using ISOLTRAP Penning trap spectrometer; deduced excitation energies of the isomers; evaluated mass excesses; two-neutron separate energies, and proton-neutron interaction strength δV_{pn}. Comparison with previous data and AME-2003. JOUR PRVCA 81 034313
	2010DE01	NUCLEAR REACTIONS ^{232}Th(γ, F)^{77}Ge / ^{82}Br / ^{85}Kr / ^{85}Sr / ^{85}Y / ^{87}Kr / ^{87}Sr / ^{87}Y / ^{88}Kr / ^{91}Sr / ^{91}Y / ^{92}Sr / ^{92}Y / ^{93}Y / ^{93}Mo / ^{93}Tc / ^{95}Zr / ^{95}Nb / ^{95}Tc / ^{96}Nb / ^{97}Zr / ^{97}Nb / ^{99}Mo / ^{99}Tc / ^{99}Rh / ^{101}Tc / ^{101}Rh / ^{103}Ru / ^{105}Ru / ^{105}Rh / ^{109}In / ^{111}Pd / ^{111}Ag / ^{112}Pd / ^{112}Ag / ^{113}Ag / ^{115}Ag / ^{115}Cd / ^{117}Cd / ^{117}In, E=50, 3500 MeV; measured Eγ, Iγ; deduced yield of fission fragments, symmetric contribution high-energy fission component. JOUR PANUE 73 24
^{112}Cd	2008STZK	NUCLEAR REACTIONS Cd(^{32}S, X), ^{110,111,112,113,114,115,116}Cd, E=95 MeV; measured E(particle), I(particle, θ); C(^{96}Ru, X), (^{98}Ru, X), (^{100}Ru, X), (^{102}Ru, X), (^{104}Ru, X), (^{102}Pd, X), (^{104}Pd, X), (^{106}Pd, X), (^{108}Pd, X), (^{110}Pd, X), (^{106}Cd, X), (^{108}Cd, X), (^{112}Cd, X), E$\approx$240 MeV; measured Eγ, I$\gamma(\theta)$, $\gamma\gamma$-coin. ^{96,98,100,102,104}Ru, ^{102,104,106,108,110}Pd, ^{104,106,108,110,112,114}Cd deduced g factor, B(E2); calculated $\sigma(\theta)$, g factor, B(E2) using cranking model. Results on CD only. CONF E.Lansing (NS2008),P182,Stuchbery
^{112}In	2009LI66	NUCLEAR REACTIONS ^{110}Pd(^{7}Li, 5n)^{112}In, E=50 MeV; measured Eγ, Iγ, γ-γ-coin.; deduced high-spin states, level scheme, J, π, K bands. JOUR CPCHC 33 s01 209
	2010HE09	NUCLEAR REACTIONS ^{110}Pd(^{7}Li, 5n), E=50 MeV; measured Eγ, I$\gamma(\theta)$, $\gamma\gamma$-coin. ^{112}In; deduced levels, J, π, DCO matrix, bands, γ-multipolarity, deformation, moment of inertia, angular momentum, effective interaction. JOUR NUPAB 834 84c
	2010PAZX	NUCLEAR REACTIONS ^{113}In(γ, n), (γ, 2n), Eγ=33, 34, 35 MeV bremsstrahlung; measured isomeric yield ratios with activation method. ^{111m,g,112m,g}In; deduced Y_m / Y_g vs Eγ. CONF St.-Petersburg,P187,Palvanov
^{112}Sn	2008BOZK	NUCLEAR REACTIONS ^{112,124}Sn(γ, γ'); measured levels, J, π; evaluated energy weighted sum rule. Monoenergetic linearly polarized beam. THESIS M Boswell, University of North Carolina

A=112 ***(continued)***

	2008VOZV	NUCLEAR REACTIONS ^{112,116,120,124}Sn(γ, γ'), E=5.5-9.5 MeV;measured Eγ, Iγ; ^{112,116,120,124}Sn; deduced B(E1) strength distributions. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P335,Von Neumann-
	2010KU07	NUCLEAR REACTIONS ^{112}Sn, ^{116}Sn(^{58}Ni, ^{58}Ni), E=175 MeV; measured Eγ, Iγ, and scattered particle spectra. ^{112,116}Sn; deduced B(E2). Systematics of first 2+ energies and associated B(E2) values for ^{102,104,106,108,110,112,114,116,118,120,122,124,126,128,130}Sn Comparison with relativistic quasiparticle random-phase approximation (RQRPA) and large-scale shell model calculations. JOUR PRVCA 81 024306
	2010LI07	NUCLEAR REACTIONS ^{112,114,116,118,120,122,124}Sn(α, α'), E=386 MeV; measured Eα, Iα, excitation energies, $\sigma(\theta)$, σ, angular distributions, differential cross section as function of excitation energy; deduced strengths distributions, widths and EWSR for isoscalar giant monopole resonance (ISGMR), isoscalar giant-dipole resonance (ISGDR), isoscalar giant quadrupole resonance (ISGQR), and high-energy octupole resonance (HEOR). Comparisons with theoretical predictions. JOUR PRVCA 81 034309
^{112}Cs	2008CAZH	NUCLEAR REACTIONS ^{58}Ni(^{58}Ni, 3np), E not given; measured Eα, Iα(t), $\alpha\alpha$-coin; deduced $T_{1/2}$, α-branching, Q-values. Results on CD only. CONF E.Lansing (NS2008),P85,Cartegni
	2008SMZU	NUCLEAR REACTIONS ^{58}Ni(^{58}Ni, 3np), E=260 MeV; measured Eγ, Iγ, A(particle), Z(particle), (particle)γ-coin. ^{112}Cs deduced low-lying levels, J, π, rotational bands. Abstract only. CONF E.Lansing (NS2008),P176,Smith

A=113

^{113}Tc	2010BR15	NUCLEAR REACTIONS ^{9}Be(^{238}U, F), E=11.4, 750 MeV / nucleon; measured Eγ, Iγ, (fragment)γ-, $\gamma\gamma$-coin, $\gamma\gamma$(t), energy loss and time-of-flight, isomer half-lives. ^{112,113}Tc; deduced levels, J, π, oblate and triaxial structures. Comparison with Potential energy surface (PES) calculations. JOUR PRVCA 82 044312
^{113}Ag	2010DE01	NUCLEAR REACTIONS ^{232}Th(γ, F)^{77}Ge / ^{82}Br / ^{85}Kr / ^{85}Sr / ^{85}Y / ^{87}Kr / ^{87}Sr / ^{87}Y / ^{88}Kr / ^{91}Sr / ^{91}Y / ^{92}Sr / ^{92}Y / ^{93}Y / ^{93}Mo / ^{93}Tc / ^{95}Zr / ^{95}Nb / ^{95}Tc / ^{96}Nb / ^{97}Zr / ^{97}Nb / ^{99}Mo / ^{99}Tc / ^{99}Rh / ^{101}Tc / ^{101}Rh / ^{103}Ru / ^{105}Ru / ^{105}Rh / ^{109}In / ^{111}Pd / ^{111}Ag / ^{112}Pd / ^{112}Ag / ^{113}Ag / ^{115}Ag / ^{115}Cd / ^{117}Cd / ^{117}In, E=50, 3500 MeV; measured Eγ, Iγ; deduced yield of fission fragments, symmetric contribution high-energy fission component. JOUR PANUE 73 24
^{113}In	2008GOZP	RADIOACTIVITY ^{54}Ni(β^+); measured Eγ, Iγ; deduced ^{54}Ni $T_{1/2}$, GT distribution strength; ^{62}Ge; ^{113}In; ^{190}Ta; measured decay products. Results on CD only. CONF E.Lansing (NS2008),P9,Gorska
	2010CHZY	NUCLEAR REACTIONS Sn(γ, xnyp), E=19.5 MeV bremsstrahlung; measured yields with activation method. ^{111,113,117m,g,123m,g}Sn; deduced relative yields in (γ, n). ^{113}In; deduced relative yields in (γ, pn). ^{115m,g,116m,g}In; deduced relative yields in (γ, p). CONF St.-Petersburg,P191,Chetvertkova

A=113 ***(continued)***

	2010HE04	NUCLEAR REACTIONS Cd(α, xnα), ^{108}Cd(α, 2n), (α, p), (α, np), (α, 2np), (α, 3np), ^{106}Cd(α, np), ^{109}Cd(α, np), (α, 3np), ^{110}Cd(α, n), (α, p), (α, 2np), (α, 3np), ^{111}Cd(α, p), (α, np), (α, 3np), ^{112}Cd(α, 3n), (α, p), (α, np), (α, 2np), ^{113}Cd(α, p), (α, np), (α, 2np), (α, 3np), ^{114}Cd(α, n), (α, p), (α, np), (α, 2np), (α, 3np), (α, 4np), (α, n2p), ^{116}Cd(α, 3n), (α, 2np), (α, 3np), (α, 3n2p), Cu(α, X)^{66}Ga / ^{67}Ga, E=5-50 MeV; measured Eγ, Iγ; deduced σ. Comparison with experimental data, ALICE-IPPE, EMPIRE, GNASH codes. JOUR NIMBE 268 1376
	2011TA02	NUCLEAR REACTIONS ^{27}Al(d, X)^{22}Na / ^{24}Na, Ti(d, X)^{48}V, In(d, X)^{113}Sn / ^{111}In / ^{113}In / ^{114}In / / ^{115}In / ^{116}In / ^{111}Cd / ^{115}Cd, E<40 MeV; measured Eγ, Iγ; deduced thick target yields, σ. Comparison with experimetal data, ALICE-D and EMPIRE-D codes. JOUR ARISE 69 26
^{113}Sn	2010HE04	NUCLEAR REACTIONS Cd(α, xnα), ^{108}Cd(α, 2n), (α, p), (α, np), (α, 2np), (α, 3np), ^{106}Cd(α, np), ^{109}Cd(α, np), (α, 3np), ^{110}Cd(α, n), (α, p), (α, 2np), (α, 3np), ^{111}Cd(α, p), (α, np), (α, 3np), ^{112}Cd(α, 3n), (α, p), (α, np), (α, 2np), ^{113}Cd(α, p), (α, np), (α, 2np), (α, 3np), ^{114}Cd(α, n), (α, p), (α, np), (α, 2np), (α, 3np), (α, 4np), (α, n2p), ^{116}Cd(α, 3n), (α, 2np), (α, 3np), (α, 3n2p), Cu(α, X)^{66}Ga / ^{67}Ga, E=5-50 MeV; measured Eγ, Iγ; deduced σ. Comparison with experimental data, ALICE-IPPE, EMPIRE, GNASH codes. JOUR NIMBE 268 1376
	2011TA02	NUCLEAR REACTIONS ^{27}Al(d, X)^{22}Na / ^{24}Na, Ti(d, X)^{48}V, In(d, X)^{113}Sn / ^{111}In / ^{113}In / ^{114}In / / ^{115}In / ^{116}In / ^{111}Cd / ^{115}Cd, E<40 MeV; measured Eγ, Iγ; deduced thick target yields, σ. Comparison with experimetal data, ALICE-D and EMPIRE-D codes. JOUR ARISE 69 26

A=114

^{114}Nb	2010OH02	NUCLEAR REACTIONS Be, Pb(^{238}U, F), E=345 MeV / nucleon; measured yields of fission fragments. Z=20-56, A=52-152; measured yields. ^{71}Mn, ^{73,74}Fe, ^{76}Co, ^{79}Ni, ^{81,82}Cu, ^{84,85}Zn, ^{87}Ga, ^{90}Ge, ^{95}Se, ^{98}Br, ^{101}Kr, ^{103}Rb, ^{106,107}Sr, ^{108,109}Y, ^{111,112}Zr, ^{114,115}Nb, ^{115,116,117}Mo, ^{119,120}Tc, ^{121,122,123,124}Ru, ^{123,124,125,126}Rh, ^{127,128}Pd, ^{133}Cd, ^{138}Sn, ^{140}Sb, ^{143}Te, ^{145}I, ^{148}Xe, ^{152}Ba; measured yields and cross sections, identified new isotopes using RI beam factory at RIKEN, ΔE-TOF-Bρ method. JOUR JUPSA 79 073201
^{114}Pd	2008GOZO	RADIOACTIVITY ^{104,106,108}Mo, ^{106,108,110,112}Ru, ^{112,114,116}Pd(β^-) [from fission]; measured Eγ, Iγ; deduced mixing ratio, g-factor. Abstract only. CONF E.Lansing (NS2008),P106,Goodin
^{114}Ag	2008GOZO	RADIOACTIVITY ^{104,106,108}Mo, ^{106,108,110,112}Ru, ^{112,114,116}Pd(β^-) [from fission]; measured Eγ, Iγ; deduced mixing ratio, g-factor. Abstract only. CONF E.Lansing (NS2008),P106,Goodin

A=114 ***(continued)***

	2010BR02	ATOMIC MASSES ^{112,114,115,116,117,118,119,120,121,122,123,124}Ag, ^{114,120,122,123,124,126,128}Cd; measured cyclotron frequencies relative to ^{133}Cs, and mass excesses using ISOLTRAP Penning trap spectrometer; deduced excitation energies of the isomers; evaluated mass excesses; two-neutron separate energies, and proton-neutron interaction strength δV_{pn}. Comparison with previous data and AME-2003. JOUR PRVCA 81 034313
^{114}Cd	2008STZK	NUCLEAR REACTIONS Cd(^{32}S, X), ^{110,111,112,113,114,115,116}Cd, E=95 MeV; measured E(particle), I(particle, θ); C(^{96}Ru, X), (^{98}Ru, X), (^{100}Ru, X), (^{102}Ru, X), (^{104}Ru, X), (^{102}Pd, X), (^{104}Pd, X), (^{106}Pd, X), (^{108}Pd, X), (^{110}Pd, X), (^{106}Cd, X), (^{108}Cd, X), (^{112}Cd, X), E≈240 MeV; measured Eγ, I$\gamma(\theta)$, $\gamma\gamma$-coin. ^{96,98,100,102,104}Ru, ^{102,104,106,108,110}Pd, ^{104,106,108,110,112,114}Cd deduced g factor, B(E2); calculated $\sigma(\theta)$, g factor, B(E2) using cranking model. Results on CD only. CONF E.Lansing (NS2008),P182,Stuchbery
	2010BR02	ATOMIC MASSES ^{112,114,115,116,117,118,119,120,121,122,123,124}Ag, ^{114,120,122,123,124,126,128}Cd; measured cyclotron frequencies relative to ^{133}Cs, and mass excesses using ISOLTRAP Penning trap spectrometer; deduced excitation energies of the isomers; evaluated mass excesses; two-neutron separate energies, and proton-neutron interaction strength δV_{pn}. Comparison with previous data and AME-2003. JOUR PRVCA 81 034313
	2010ZU02	RADIOACTIVITY ^{106,114,116}Cd, ^{120,128,130}Te, ^{64}Zn(2β); measured Ee, Ie; deduced $T_{1/2}$. JOUR PPNPD 64 267
^{114}In	2009WA22	RADIOACTIVITY ^{114}In(β^-); measured β spectra, $\beta(\theta$, T, H), and ce; using low-temperature nuclear orientation technique; deduced β-asymmetry parameter. Comparison with GEANT4-based simulation code and predictions of Standard model. JOUR PRVCA 80 062501
	2010HE04	NUCLEAR REACTIONS Cd(α, xnα), ^{108}Cd(α, 2n), (α, p), (α, np), (α, 2np), (α, 3np), ^{106}Cd(α, np), ^{109}Cd(α, np), (α, 3np), ^{110}Cd(α, n), (α, p), (α, 2np), (α, 3np), ^{111}Cd(α, p), (α, np), (α, 3np), ^{112}Cd(α, 3n), (α, p), (α, np), (α, 2np), ^{113}Cd(α, p), (α, np), (α, 2np), (α, 3np), ^{114}Cd(α, n), (α, p), (α, np), (α, 2np), (α, 3np), (α, 4np), (α, n2p), ^{116}Cd(α, 3n), (α, 2np), (α, 3np), (α, 3n2p), Cu(α, X)^{66}Ga / ^{67}Ga, E=5-50 MeV; measured Eγ, Iγ; deduced σ. Comparison with experimental data, ALICE-IPPE, EMPIRE, GNASH codes. JOUR NIMBE 268 1376
	2011TA02	NUCLEAR REACTIONS ^{27}Al(d, X)^{22}Na / ^{24}Na, Ti(d, X)^{48}V, In(d, X)^{113}Sn / ^{111}In / ^{113}In / ^{114}In / / ^{115}In / ^{116}In / ^{111}Cd / ^{115}Cd, E<40 MeV; measured Eγ, Iγ; deduced thick target yields, σ. Comparison with experimetal data, ALICE-D and EMPIRE-D codes. JOUR ARISE 69 26
^{114}Sn	2009WA22	RADIOACTIVITY ^{114}In(β^-); measured β spectra, $\beta(\theta$, T, H), and ce; using low-temperature nuclear orientation technique; deduced β-asymmetry parameter. Comparison with GEANT4-based simulation code and predictions of Standard model. JOUR PRVCA 80 062501

A=114 ***(continued)***

	2010LI07	NUCLEAR REACTIONS ^{112,114,116,118,120,122,124}Sn(α, α'), E=386 MeV; measured Eα, Iα, excitation energies, $\sigma(\theta)$, σ, angular distributions, differential cross section as function of excitation energy; deduced strengths distributions, widths and EWSR for isoscalar giant monopole resonance (ISGMR), isoscalar giant-dipole resonance (ISGDR), isoscalar giant quadrupole resonance (ISGQR), and high-energy octupole resonance (HEOR). Comparisons with theoretical predictions. JOUR PRVCA 81 034309

A=115

^{115}Nb	2010OH02	NUCLEAR REACTIONS Be, Pb(^{238}U, F), E=345 MeV / nucleon; measured yields of fission fragments. Z=20-56, A=52-152; measured yields. ^{71}Mn, ^{73,74}Fe, ^{76}Co, ^{79}Ni, ^{81,82}Cu, ^{84,85}Zn, ^{87}Ga, ^{90}Ge, ^{95}Se, ^{98}Br, ^{101}Kr, ^{103}Rb, ^{106,107}Sr, ^{108,109}Y, ^{111,112}Zr, ^{114,115}Nb, ^{115,116,117}Mo, ^{119,120}Tc, ^{121,122,123,124}Ru, ^{123,124,125,126}Rh, ^{127,128}Pd, ^{133}Cd, ^{138}Sn, ^{140}Sb, ^{143}Te, ^{145}I, ^{148}Xe, ^{152}Ba; measured yields and cross sections, identified new isotopes using RI beam factory at RIKEN, ΔE-TOF-Bρ method. JOUR JUPSA 79 073201
^{115}Mo	2010OH02	NUCLEAR REACTIONS Be, Pb(^{238}U, F), E=345 MeV / nucleon; measured yields of fission fragments. Z=20-56, A=52-152; measured yields. ^{71}Mn, ^{73,74}Fe, ^{76}Co, ^{79}Ni, ^{81,82}Cu, ^{84,85}Zn, ^{87}Ga, ^{90}Ge, ^{95}Se, ^{98}Br, ^{101}Kr, ^{103}Rb, ^{106,107}Sr, ^{108,109}Y, ^{111,112}Zr, ^{114,115}Nb, ^{115,116,117}Mo, ^{119,120}Tc, ^{121,122,123,124}Ru, ^{123,124,125,126}Rh, ^{127,128}Pd, ^{133}Cd, ^{138}Sn, ^{140}Sb, ^{143}Te, ^{145}I, ^{148}Xe, ^{152}Ba; measured yields and cross sections, identified new isotopes using RI beam factory at RIKEN, ΔE-TOF-Bρ method. JOUR JUPSA 79 073201
^{115}Ru	2010AY07	RADIOACTIVITY ^{115}Ru(β^-); measured Eγ, Iγ. ^{115}Rh; deduced levels, J, π. Discusses Penning trap experimental possibilities. JOUR NUPAB 834 724c
	2010KU01	RADIOACTIVITY ^{115}Ru(β^-) [from ^{238}U(p, F)^{115}Ru, E=25 MeV]; measured Eγ, Iγ, $\gamma\gamma$-coin.; deduced energy levels, gamma transitions, $T_{1/2}$. JYFLTRAP Penning trap system. JOUR APOBB 41 469
^{115}Rh	2010AY07	RADIOACTIVITY ^{115}Ru(β^-); measured Eγ, Iγ. ^{115}Rh; deduced levels, J, π. Discusses Penning trap experimental possibilities. JOUR NUPAB 834 724c
	2010KU01	RADIOACTIVITY ^{115}Ru(β^-) [from ^{238}U(p, F)^{115}Ru, E=25 MeV]; measured Eγ, Iγ, $\gamma\gamma$-coin.; deduced energy levels, gamma transitions, $T_{1/2}$. JYFLTRAP Penning trap system. JOUR APOBB 41 469
	2010KU19	RADIOACTIVITY ^{115}Rh(β^-); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{115}Pd; deduced levels, J, π. Systematics of low-lying states in odd-A Mo, Ru and Pd nuclei from N=61-71. JOUR PRVCA 82 027306
^{115}Pd	2010KU19	RADIOACTIVITY ^{115}Rh(β^-); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{115}Pd; deduced levels, J, π. Systematics of low-lying states in odd-A Mo, Ru and Pd nuclei from N=61-71. JOUR PRVCA 82 027306

A=115 ***(continued)***

^{115}Ag	2010BR02	ATOMIC MASSES ^{112,114,115,116,117,118,119,120,121,122,123,124}Ag, ^{114,120,122,123,124,126,128}Cd; measured cyclotron frequencies relative to ^{133}Cs, and mass excesses using ISOLTRAP Penning trap spectrometer; deduced excitation energies of the isomers; evaluated mass excesses; two-neutron separate energies, and proton-neutron interaction strength δV_{pn}. Comparison with previous data and AME-2003. JOUR PRVCA 81 034313
	2010DE01	NUCLEAR REACTIONS ^{232}Th(γ, F)^{77}Ge / ^{82}Br / ^{85}Kr / ^{85}Sr / ^{85}Y / ^{87}Kr / ^{87}Sr / ^{87}Y / ^{88}Kr / ^{91}Sr / ^{91}Y / ^{92}Sr / ^{92}Y / ^{93}Y / ^{93}Mo / ^{93}Tc / ^{95}Zr / ^{95}Nb / ^{95}Tc / ^{96}Nb / ^{97}Zr / ^{97}Nb / ^{99}Mo / ^{99}Tc / ^{99}Rh / ^{101}Tc / ^{101}Rh / ^{103}Ru / ^{105}Ru / ^{105}Rh / ^{109}In / ^{111}Pd / ^{111}Ag / ^{112}Pd / ^{112}Ag / ^{113}Ag / ^{115}Ag / ^{115}Cd / ^{117}Cd / ^{117}In, E=50, 3500 MeV; measured Eγ, Iγ; deduced yield of fission fragments, symmetric contribution high-energy fission component. JOUR PANUE 73 24
^{115}Cd	2010DE01	NUCLEAR REACTIONS ^{232}Th(γ, F)^{77}Ge / ^{82}Br / ^{85}Kr / ^{85}Sr / ^{85}Y / ^{87}Kr / ^{87}Sr / ^{87}Y / ^{88}Kr / ^{91}Sr / ^{91}Y / ^{92}Sr / ^{92}Y / ^{93}Y / ^{93}Mo / ^{93}Tc / ^{95}Zr / ^{95}Nb / ^{95}Tc / ^{96}Nb / ^{97}Zr / ^{97}Nb / ^{99}Mo / ^{99}Tc / ^{99}Rh / ^{101}Tc / ^{101}Rh / ^{103}Ru / ^{105}Ru / ^{105}Rh / ^{109}In / ^{111}Pd / ^{111}Ag / ^{112}Pd / ^{112}Ag / ^{113}Ag / ^{115}Ag / ^{115}Cd / ^{117}Cd / ^{117}In, E=50, 3500 MeV; measured Eγ, Iγ; deduced yield of fission fragments, symmetric contribution high-energy fission component. JOUR PANUE 73 24
	2010HE04	NUCLEAR REACTIONS Cd(α, xnα), ^{108}Cd(α, 2n), (α, p), (α, np), (α, 2np), (α, 3np), ^{106}Cd(α, np), ^{109}Cd(α, np), (α, 3np), ^{110}Cd(α, n), (α, p), (α, 2np), (α, 3np), ^{111}Cd(α, p), (α, np), (α, 3np), ^{112}Cd(α, 3n), (α, p), (α, np), (α, 2np), ^{113}Cd(α, p), (α, np), (α, 2np), (α, 3np), ^{114}Cd(α, n), (α, p), (α, np), (α, 2np), (α, 3np), (α, 4np), (α, n2p), ^{116}Cd(α, 3n), (α, 2np), (α, 3np), (α, 3n2p), Cu(α, X)^{66}Ga / ^{67}Ga, E=5-50 MeV; measured Eγ, Iγ; deduced σ. Comparison with experimental data, ALICE-IPPE, EMPIRE, GNASH codes. JOUR NIMBE 268 1376
	2010MAZV	NUCLEAR REACTIONS ^{116}Cd(γ, n), E=9-20 MeV bremsstrhlung (step 0.5 MeV); measured isomeric yield ratio. ^{115m,g}Cd; deduced Y_m / Y_g vs Eγ; deduced parameters of fitted curve. CONF St.-Petersburg,P156,Mazur
	2010ZH20	NUCLEAR REACTIONS ^{116}Cd, ^{121}Sb(γ, n), E<10.5 MeV; measured Eγ, Iγ; deduced isomeric yields and ratios. JOUR BRSPE 74 829
^{115}In	2010HE04	NUCLEAR REACTIONS Cd(α, xnα), ^{108}Cd(α, 2n), (α, p), (α, np), (α, 2np), (α, 3np), ^{106}Cd(α, np), ^{109}Cd(α, np), (α, 3np), ^{110}Cd(α, n), (α, p), (α, 2np), (α, 3np), ^{111}Cd(α, p), (α, np), (α, 3np), ^{112}Cd(α, 3n), (α, p), (α, np), (α, 2np), ^{113}Cd(α, p), (α, np), (α, 2np), (α, 3np), ^{114}Cd(α, n), (α, p), (α, np), (α, 2np), (α, 3np), (α, 4np), (α, n2p), ^{116}Cd(α, 3n), (α, 2np), (α, 3np), (α, 3n2p), Cu(α, X)^{66}Ga / ^{67}Ga, E=5-50 MeV; measured Eγ, Iγ; deduced σ. Comparison with experimental data, ALICE-IPPE, EMPIRE, GNASH codes. JOUR NIMBE 268 1376

A=115 ***(continued)***

^{115}Sn	2009UT01	NUCLEAR REACTIONS ^{116,117}Sn(γ, n), E=6.80-13.5 MeV; measured neutron spectra and σ using incident beam of laser Compton-scattered (LCS) photons. Comparisons of E1 γ-ray strength functions with previous experimental results and calculations using Hartree-Fock-Bogoliubov plus quasiparticle random-phase approximation (HFB+QRPA) models. JOUR PRVCA 80 055806
	2009UTZX	NUCLEAR REACTIONS ^{116,117}Sn(γ, n), E≈threshold-17 MeV; measured σ, photon strength functions; calculated σ, photon strength functions using HFB+QRPA, HFB+QRPA+Pygmy resonance, Lorentzian; deduced low-energy resonance behavior. Calculations compared to own data and to EXFOR ones. CONF Cologne (Capture Gamma-Ray Spectroscopy) Proc,P637,Utsunomiya

A=116

^{116}Mo	2010OH02	NUCLEAR REACTIONS Be, Pb(^{238}U, F), E=345 MeV / nucleon; measured yields of fission fragments. Z=20-56, A=52-152; measured yields. ^{71}Mn, ^{73,74}Fe, ^{76}Co, ^{79}Ni, ^{81,82}Cu, ^{84,85}Zn, ^{87}Ga, ^{90}Ge, ^{95}Se, ^{98}Br, ^{101}Kr, ^{103}Rb, ^{106,107}Sr, ^{108,109}Y, ^{111,112}Zr, ^{114,115}Nb, ^{115,116,117}Mo, ^{119,120}Tc, ^{121,122,123,124}Ru, ^{123,124,125,126}Rh, ^{127,128}Pd, ^{133}Cd, ^{138}Sn, ^{140}Sb, ^{143}Te, ^{145}I, ^{148}Xe, ^{152}Ba; measured yields and cross sections, identified new isotopes using RI beam factory at RIKEN, ΔE-TOF-Bρ method. JOUR JUPSA 79 073201
^{116}Pd	2008GOZO	RADIOACTIVITY ^{104,106,108}Mo, ^{106,108,110,112}Ru, ^{112,114,116}Pd(β^-) [from fission]; measured Eγ, Iγ; deduced mixing ratio, g-factor. Abstract only. CONF E.Lansing (NS2008),P106,Goodin
^{116}Ag	2008GOZO	RADIOACTIVITY ^{104,106,108}Mo, ^{106,108,110,112}Ru, ^{112,114,116}Pd(β^-) [from fission]; measured Eγ, Iγ; deduced mixing ratio, g-factor. Abstract only. CONF E.Lansing (NS2008),P106,Goodin
	2009BA52	RADIOACTIVITY ^{116,116m}Ag(β^-) [from ^{238}U(p, X), E not given]; measured Eγ, Iγ, $\gamma\gamma$-coin, ce, and half-lives using HRIBF facility. ^{116}Ag, ^{116}Cd; deduced levels, J, π, conversion coefficients, multipolarities, logft, and BE2 rates. Comparisons with IBM-2 calculations, and with low-energy 0+ and 2+ level systematics of ^{110,112,114,116,118,120}Cd. JOUR PRVCA 80 054318
	2010BR02	ATOMIC MASSES ^{112,114,115,116,117,118,119,120,121,122,123,124}Ag, ^{114,120,122,123,124,126,128}Cd; measured cyclotron frequencies relative to ^{133}Cs, and mass excesses using ISOLTRAP Penning trap spectrometer; deduced excitation energies of the isomers; evaluated mass excesses; two-neutron separate energies, and proton-neutron interaction strength δV_{pn}. Comparison with previous data and AME-2003. JOUR PRVCA 81 034313
^{116}Cd	2009BA52	RADIOACTIVITY ^{116,116m}Ag(β^-) [from ^{238}U(p, X), E not given]; measured Eγ, Iγ, $\gamma\gamma$-coin, ce, and half-lives using HRIBF facility. ^{116}Ag, ^{116}Cd; deduced levels, J, π, conversion coefficients, multipolarities, logft, and BE2 rates. Comparisons with IBM-2 calculations, and with low-energy 0+ and 2+ level systematics of ^{110,112,114,116,118,120}Cd. JOUR PRVCA 80 054318

A=116 ***(continued)***

	2009DA25	RADIOACTIVITY ^{48}Ca, ^{82}Se, ^{96}Zr, ^{100}Mo, ^{116}Cd, ^{130}Te, ^{150}Nd(2β); measured $T_{1/2}$ for zero / two-neutrino 2β-decay events; deduced effective neutrino mass. JOUR NUPAB 827 495c
	2010SI06	RADIOACTIVITY ^{100}Mo, ^{82}Se, ^{116}Cd, ^{150}Nd, ^{96}Zr, ^{48}Ca, ^{130}Te($2\beta^-$); measured Ee, Ie; deduced $T_{1/2}$. JOUR PPNPD 64 270
	2010ZU02	RADIOACTIVITY ^{106,114,116}Cd, ^{120,128,130}Te, ^{64}Zn(2β); measured Ee, Ie; deduced $T_{1/2}$. JOUR PPNPD 64 267
^{116}In	2010HE04	NUCLEAR REACTIONS Cd(α, xnα), ^{108}Cd(α, 2n), (α, p), (α, np), (α, 2np), (α, 3np), ^{106}Cd(α, np), ^{109}Cd(α, np), (α, 3np), ^{110}Cd(α, n), (α, p), (α, 2np), (α, 3np), ^{111}Cd(α, p), (α, np), (α, 3np), ^{112}Cd(α, 3n), (α, p), (α, np), (α, 2np), ^{113}Cd(α, p), (α, np), (α, 2np), (α, 3np), ^{114}Cd(α, n), (α, p), (α, np), (α, 2np), (α, 3np), (α, 4np), (α, n2p), ^{116}Cd(α, 3n), (α, 2np), (α, 3np), (α, 3n2p), Cu(α, X)^{66}Ga / ^{67}Ga, E=5-50 MeV; measured Eγ, Iγ; deduced σ. Comparison with experimental data, ALICE-IPPE, EMPIRE, GNASH codes. JOUR NIMBE 268 1376
^{116}Sn	2008VOZV	NUCLEAR REACTIONS ^{112,116,120,124}Sn(γ, γ'), E=5.5-9.5 MeV;measured Eγ, Iγ; ^{112,116,120,124}Sn; deduced B(E1) strength distributions. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P335,Von Neumann-
	2009UT01	NUCLEAR REACTIONS ^{116,117}Sn(γ, n), E=6.80-13.5 MeV; measured neutron spectra and σ using incident beam of laser Compton-scattered (LCS) photons. Comparisons of E1 γ-ray strength functions with previous experimental results and calculations using Hartree-Fock-Bogoliubov plus quasiparticle random-phase approximation (HFB+QRPA) models. JOUR PRVCA 80 055806
	2009UTZX	NUCLEAR REACTIONS ^{116,117}Sn(γ, n), E≈threshold-17 MeV; measured σ, photon strength functions; calculated σ, photon strength functions using HFB+QRPA, HFB+QRPA+Pygmy resonance, Lorentzian; deduced low-energy resonance behavior. Calculations compared to own data and to EXFOR ones. CONF Cologne (Capture Gamma-Ray Spectroscopy) Proc,P637,Utsunomiya
	2010HU02	NUCLEAR REACTIONS ^{237}Np(^{116}Sn, ^{118}Sn)^{235}Np, E=801 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-, (fragment)(fragment)γ-coin, and angular distribution of γ-ray yields for ^{116}Sn, ^{117}Sn and ^{118}Sn using the Gammasphere and CHICO arrays. ^{235}Np; deduced levels, J, π, bands, angular momentum, moment of inertia as functions of rotational frequency, configurations. ^{116,117,118}Sn; measured Eγ, $\gamma\gamma$-coin. Comparison with cranked shell-model calculations and with alignment plots for ^{237}Np and ^{241}Am. JOUR PRVCA 81 014312
	2010KU07	NUCLEAR REACTIONS ^{112}Sn, ^{116}Sn(^{58}Ni, ^{58}Ni), E=175 MeV; measured Eγ, Iγ, and scattered particle spectra. ^{112,116}Sn; deduced B(E2). Systematics of first 2+ energies and associated B(E2) values for ^{102,104,106,108,110,112,114,116,118,120,122,124,126,128,130}Sn Comparison with relativistic quasiparticle random-phase approximation (RQRPA) and large-scale shell model calculations. JOUR PRVCA 81 024306

A=116 ***(continued)***

	2010LI07	NUCLEAR REACTIONS ^{112,114,116,118,120,122,124}Sn(α, α'), E=386 MeV; measured Eα, Iα, excitation energies, $\sigma(\theta)$, σ, angular distributions, differential cross section as function of excitation energy; deduced strengths distributions, widths and EWSR for isoscalar giant monopole resonance (ISGMR), isoscalar giant-dipole resonance (ISGDR), isoscalar giant quadrupole resonance (ISGQR), and high-energy octupole resonance (HEOR). Comparisons with theoretical predictions. JOUR PRVCA 81 034309
	2010SI06	RADIOACTIVITY ^{100}Mo, ^{82}Se, ^{116}Cd, ^{150}Nd, ^{96}Zr, ^{48}Ca, ^{130}Te($2\beta^-$); measured Ee, Ie; deduced $T_{1/2}$. JOUR PPNPD 64 270
^{116}Sb	2009YAZS	NUCLEAR REACTIONS ^{113}In(α, γ), E(cm)=8.69-13.66 MeV;^{113}In(α, n), E(cm)=8.69-13.66 MeV; measured ^{116,117}Sb Eγ, Iγ; deduced σ, S-factor; calculated σ, S-factor using NON-SMOKER code. CONF Cologne (Capture Gamma-Ray Spectroscopy) Proc,P631,Yalcin

A=117

^{117}Mo	2010OH02	NUCLEAR REACTIONS Be, Pb(^{238}U, F), E=345 MeV / nucleon; measured yields of fission fragments. Z=20-56, A=52-152; measured yields. ^{71}Mn, ^{73,74}Fe, ^{76}Co, ^{79}Ni, ^{81,82}Cu, ^{84,85}Zn, ^{87}Ga, ^{90}Ge, ^{95}Se, ^{98}Br, ^{101}Kr, ^{103}Rb, ^{106,107}Sr, ^{108,109}Y, ^{111,112}Zr, ^{114,115}Nb, ^{115,116,117}Mo, ^{119,120}Tc, ^{121,122,123,124}Ru, ^{123,124,125,126}Rh, ^{127,128}Pd, ^{133}Cd, ^{138}Sn, ^{140}Sb, ^{143}Te, ^{145}I, ^{148}Xe, ^{152}Ba; measured yields and cross sections, identified new isotopes using RI beam factory at RIKEN, ΔE-TOF-Bρ method. JOUR JUPSA 79 073201
^{117}Ag	2010BR02	ATOMIC MASSES ^{112,114,115,116,117,118,119,120,121,122,123,124}Ag, ^{114,120,122,123,124,126,128}Cd; measured cyclotron frequencies relative to ^{133}Cs, and mass excesses using ISOLTRAP Penning trap spectrometer; deduced excitation energies of the isomers; evaluated mass excesses; two-neutron separate energies, and proton-neutron interaction strength δV_{pn}. Comparison with previous data and AME-2003. JOUR PRVCA 81 034313
^{117}Cd	2010DE01	NUCLEAR REACTIONS ^{232}Th(γ, F)^{77}Ge / ^{82}Br / ^{85}Kr / ^{85}Sr / ^{85}Y / ^{87}Kr / ^{87}Sr / ^{87}Y / ^{88}Kr / ^{91}Sr / ^{91}Y / ^{92}Sr / ^{92}Y / ^{93}Y / ^{93}Mo / ^{93}Tc / ^{95}Zr / ^{95}Nb / ^{95}Tc / ^{96}Nb / ^{97}Zr / ^{97}Nb / ^{99}Mo / ^{99}Tc / ^{99}Rh / ^{101}Tc / ^{101}Rh / ^{103}Ru / ^{105}Ru / ^{105}Rh / ^{109}In / ^{111}Pd / ^{111}Ag / ^{112}Pd / ^{112}Ag / ^{113}Ag / ^{115}Ag / ^{115}Cd / ^{117}Cd / ^{117}In, E=50, 3500 MeV; measured Eγ, Iγ; deduced yield of fission fragments, symmetric contribution high-energy fission component. JOUR PANUE 73 24
	2010RE01	RADIOACTIVITY ^{121m,123m}In(IT), ^{125m}Sb(IT); measured Eγ, Iγ, $\gamma\gamma$-coin; deduced levels, J, π. ^{117}Cd, ^{128}Sb(β^-); measured Eγ. JOUR PRVCA 81 014301

A=117 ***(continued)***

^{117}In	2010DE01	NUCLEAR REACTIONS ^{232}Th(γ, F)^{77}Ge / ^{82}Br / ^{85}Kr / ^{85}Sr / ^{85}Y / ^{87}Kr / ^{87}Sr / ^{87}Y / ^{88}Kr / ^{91}Sr / ^{91}Y / ^{92}Sr / ^{92}Y / ^{93}Y / ^{93}Mo / ^{93}Tc / ^{95}Zr / ^{95}Nb / ^{95}Tc / ^{96}Nb / ^{97}Zr / ^{97}Nb / ^{99}Mo / ^{99}Tc / ^{99}Rh / ^{101}Tc / ^{101}Rh / ^{103}Ru / ^{105}Ru / ^{105}Rh / ^{109}In / ^{111}Pd / ^{111}Ag / ^{112}Pd / ^{112}Ag / ^{113}Ag / ^{115}Ag / ^{115}Cd / ^{117}Cd / ^{117}In, E=50, 3500 MeV; measured Eγ, Iγ; deduced yield of fission fragments, symmetric contribution high-energy fission component. JOUR PANUE 73 24
	2010HE04	NUCLEAR REACTIONS Cd(α, xnα), ^{108}Cd(α, 2n), (α, p), (α, np), (α, 2np), (α, 3np), ^{106}Cd(α, np), ^{109}Cd(α, np), (α, 3np), ^{110}Cd(α, n), (α, p), (α, 2np), (α, 3np), ^{111}Cd(α, p), (α, np), (α, 3np), ^{112}Cd(α, 3n), (α, p), (α, np), (α, 2np), ^{113}Cd(α, p), (α, np), (α, 2np), (α, 3np), ^{114}Cd(α, n), (α, p), (α, np), (α, 2np), (α, 3np), (α, 4np), (α, n2p), ^{116}Cd(α, 3n), (α, 2np), (α, 3np), (α, 3n2p), Cu(α, X)^{66}Ga / ^{67}Ga, E=5-50 MeV; measured Eγ, Iγ; deduced σ. Comparison with experimental data, ALICE-IPPE, EMPIRE, GNASH codes. JOUR NIMBE 268 1376
	2010RE01	RADIOACTIVITY ^{121m,123m}In(IT), ^{125m}Sb(IT); measured Eγ, Iγ, $\gamma\gamma$-coin; deduced levels, J, π. ^{117}Cd, ^{128}Sb(β^-); measured Eγ. JOUR PRVCA 81 014301
^{117}Sn	2008NIZU	NUCLEAR REACTIONS ^{116,117,118,119}Sn, ^{155,156,157,158}Gd(n, γ), E=10-100 keV, 550 keV; measured Eγ, Iγ; deduced σ, dσ. Compared to other data, JENDL-3.3, ENDF / B-VI, ENDF / B-VII. CONF Nice (Nucl Data for Sci and Technol) Proc,P615
	2010FO10	NUCLEAR REACTIONS ^{173}Yb(^{24}Mg, X), E=134.5 MeV; ^{176}Yb(^{23}Na, X), E=129 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin following fission of compound nuclei using Gammasphere array. ^{96,97}Nb; deduced levels, J, π, high-spin states. Comparison with level systematics of ^{95,96}Zr. Systematics of first 2+ states in N=48-58, even-A Zr nuclei; first 13 / 2+ states in A=89-97 Nb nuclei, and low-spin states in ^{87}Nb and ^{101}Nb. ^{93,94,95}Nb, ^{117,118,119}Sn; measured Eγ, Iγ. JOUR PRVCA 82 044306
	2010HE04	NUCLEAR REACTIONS Cd(α, xnα), ^{108}Cd(α, 2n), (α, p), (α, np), (α, 2np), (α, 3np), ^{106}Cd(α, np), ^{109}Cd(α, np), (α, 3np), ^{110}Cd(α, n), (α, p), (α, 2np), (α, 3np), ^{111}Cd(α, p), (α, np), (α, 3np), ^{112}Cd(α, 3n), (α, p), (α, np), (α, 2np), ^{113}Cd(α, p), (α, np), (α, 2np), (α, 3np), ^{114}Cd(α, n), (α, p), (α, np), (α, 2np), (α, 3np), (α, 4np), (α, n2p), ^{116}Cd(α, 3n), (α, 2np), (α, 3np), (α, 3n2p), Cu(α, X)^{66}Ga / ^{67}Ga, E=5-50 MeV; measured Eγ, Iγ; deduced σ. Comparison with experimental data, ALICE-IPPE, EMPIRE, GNASH codes. JOUR NIMBE 268 1376
	2010HU02	NUCLEAR REACTIONS ^{237}Np(^{116}Sn, ^{118}Sn)^{235}Np, E=801 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-, (fragment)(fragment)γ-coin, and angular distribution of γ-ray yields for ^{116}Sn, ^{117}Sn and ^{118}Sn using the Gammasphere and CHICO arrays. ^{235}Np; deduced levels, J, π, bands, angular momentum, moment of inertia as functions of rotational frequency, configurations. ^{116,117,118}Sn; measured Eγ, $\gamma\gamma$-coin. Comparison with cranked shell-model calculations and with alignment plots for ^{237}Np and ^{241}Am. JOUR PRVCA 81 014312

A=117 *(continued)*

^{117}Sb	2009YAZS	NUCLEAR REACTIONS ^{113}In(α, γ), E(cm)=8.69-13.66 MeV;^{113}In(α, n), E(cm)=8.69-13.66 MeV; measured ^{116,117}Sb Eγ, Iγ; deduced σ, S-factor; calculated σ, S-factor using NON-SMOKER code. CONF Cologne (Capture Gamma-Ray Spectroscopy) Proc,P631,Yalcin

A=118

^{118}Ag	2010BR02	ATOMIC MASSES ^{112,114,115,116,117,118,119,120,121,122,123,124}Ag, ^{114,120,122,123,124,126,128}Cd; measured cyclotron frequencies relative to ^{133}Cs, and mass excesses using ISOLTRAP Penning trap spectrometer; deduced excitation energies of the isomers; evaluated mass excesses; two-neutron separate energies, and proton-neutron interaction strength δV_{pn}. Comparison with previous data and AME-2003. JOUR PRVCA 81 034313
^{118}Sn	2008GUZM	NUCLEAR REACTIONS ^{120}Sn(p, t), E=21 MeV; measured reaction products; deduced $\sigma(\theta)$ for transitions to ^{118}Sn levels. Comparison with DWBA calculations. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P315,Guazzoni
	2008NIZU	NUCLEAR REACTIONS ^{116,117,118,119}Sn, ^{155,156,157,158}Gd(n, γ), E=10-100 keV, 550 keV; measured Eγ, Iγ; deduced σ, dσ. Compared to other data, JENDL-3.3, ENDF / B-VI, ENDF / B-VII. CONF Nice (Nucl Data for Sci and Technol) Proc,P615
	2009WA26	NUCLEAR REACTIONS ^{116}Cd(^{7}Li, 4np)^{118}Sn, E=48 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin.; deduced energy levels, J, π, intruder band. JOUR CPCHC 33 838
	2010FO10	NUCLEAR REACTIONS ^{173}Yb(^{24}Mg, X), E=134.5 MeV; ^{176}Yb(^{23}Na, X), E=129 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin following fission of compound nuclei using Gammasphere array. ^{96,97}Nb; deduced levels, J, π, high-spin states. Comparison with level systematics of ^{95,96}Zr. Systematics of first 2+ states in N=48-58, even-A Zr nuclei; first 13 / 2+ states in A=89-97 Nb nuclei, and low-spin states in ^{87}Nb and ^{101}Nb. ^{93,94,95}Nb, ^{117,118,119}Sn; measured Eγ, Iγ. JOUR PRVCA 82 044306
	2010HU02	NUCLEAR REACTIONS ^{237}Np(^{116}Sn, ^{118}Sn)^{235}Np, E=801 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-, (fragment)(fragment)γ-coin, and angular distribution of γ-ray yields for ^{116}Sn, ^{117}Sn and ^{118}Sn using the Gammasphere and CHICO arrays. ^{235}Np; deduced levels, J, π, bands, angular momentum, moment of inertia as functions of rotational frequency, configurations. ^{116,117,118}Sn; measured Eγ, $\gamma\gamma$-coin. Comparison with cranked shell-model calculations and with alignment plots for ^{237}Np and ^{241}Am. JOUR PRVCA 81 014312
	2010LI07	NUCLEAR REACTIONS ^{112,114,116,118,120,122,124}Sn(α, α'), E=386 MeV; measured Eα, Iα, excitation energies, $\sigma(\theta)$, σ, angular distributions, differential cross section as function of excitation energy; deduced strengths distributions, widths and EWSR for isoscalar giant monopole resonance (ISGMR), isoscalar giant-dipole resonance (ISGDR), isoscalar giant quadrupole resonance (ISGQR), and high-energy octupole resonance (HEOR). Comparisons with theoretical predictions. JOUR PRVCA 81 034309

A=118 *(continued)*

	2010TO06	NUCLEAR REACTIONS ^{119}Sn(^{3}He, ^{3}He), (^{3}He, α), E=38 MeV; measured Eγ, particle-γ coin. ^{118,119}Sn; deduced γ-ray strength functions, level densities, parity asymmetry functions, collective enhancement factors, and spin distributions. Oslo method. Combinatorial BCS model. JOUR PRVCA 81 064311
	2010WA05	NUCLEAR REACTIONS ^{116}Cd(^{7}Li, 4np), E=50 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{118}Sn; deduced levels, J, π, bands and configurations. Comparison with Total Routhian surface (TRS) calculations and fixed constrained triaxial relativistic mean-field (RMF) theory. JOUR PRVCA 81 017301
^{118}Sb	2010FUZZ	NUCLEAR REACTIONS ^{9}Be, ^{23}Na, ^{25}Mg, ^{42}Ca, ^{46}Ti, ^{50}Cr, ^{54}Fe, ^{58}Ni, ^{118}Sn(^{3}He, t), E=140 MeV / nucleon; measured Eγ, Iγ, reaction products; deduced dσ(E); GT strength. CONF Varenna (Nucl Reaction Mechanisms),Proc,Vol.1,P39
^{118}Te	2010MAZU	NUCLEAR REACTIONS ^{119,129}Te(γ, n), E=12, 14, 16, 18 MeV bremsstrahlung; measured isomeric ratio yields with activation method. ^{119m,g,129m,g}Te; deduced Y_m / Y_g. CONF St.-Petersburg,P157,Mazur

A=119

^{119}Tc	2010OH02	NUCLEAR REACTIONS Be, Pb(^{238}U, F), E=345 MeV / nucleon; measured yields of fission fragments. Z=20-56, A=52-152; measured yields. ^{71}Mn, ^{73,74}Fe, ^{76}Co, ^{79}Ni, ^{81,82}Cu, ^{84,85}Zn, ^{87}Ga, ^{90}Ge, ^{95}Se, ^{98}Br, ^{101}Kr, ^{103}Rb, ^{106,107}Sr, ^{108,109}Y, ^{111,112}Zr, ^{114,115}Nb, ^{115,116,117}Mo, ^{119,120}Tc, ^{121,122,123,124}Ru, ^{123,124,125,126}Rh, ^{127,128}Pd, ^{133}Cd, ^{138}Sn, ^{140}Sb, ^{143}Te, ^{145}I, ^{148}Xe, ^{152}Ba; measured yields and cross sections, identified new isotopes using RI beam factory at RIKEN, ΔE-TOF-Bρ method. JOUR JUPSA 79 073201
^{119}Ag	2010BR02	ATOMIC MASSES ^{112,114,115,116,117,118,119,120,121,122,123,124}Ag, ^{114,120,122,123,124,126,128}Cd; measured cyclotron frequencies relative to ^{133}Cs, and mass excesses using ISOLTRAP Penning trap spectrometer; deduced excitation energies of the isomers; evaluated mass excesses; two-neutron separate energies, and proton-neutron interaction strength δV_{pn}. Comparison with previous data and AME-2003. JOUR PRVCA 81 034313
^{119}Sn	2008NIZU	NUCLEAR REACTIONS ^{116,117,118,119}Sn, ^{155,156,157,158}Gd(n, γ), E=10-100 keV, 550 keV; measured Eγ, Iγ; deduced σ, dσ. Compared to other data, JENDL-3.3, ENDF / B-VI, ENDF / B-VII. CONF Nice (Nucl Data for Sci and Technol) Proc,P615
	2010FO10	NUCLEAR REACTIONS ^{173}Yb(^{24}Mg, X), E=134.5 MeV; ^{176}Yb(^{23}Na, X), E=129 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin following fission of compound nuclei using Gammasphere array. ^{96,97}Nb; deduced levels, J, π, high-spin states. Comparison with level systematics of ^{95,96}Zr. Systematics of first 2+ states in N=48-58, even-A Zr nuclei; first 13 / 2+ states in A=89-97 Nb nuclei, and low-spin states in ^{87}Nb and ^{101}Nb. ^{93,94,95}Nb, ^{117,118,119}Sn; measured Eγ, Iγ. JOUR PRVCA 82 044306

A=119 *(continued)*

	2010RE01	NUCLEAR REACTIONS ^{232}Th(^{6}Li, X), E=45 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, particle spectra, (particle)γ-coin, (particle)γ-correlations using STARS Si array at LBNL and Ge detectors. ^{88}Br, ^{93}Rb, ^{95,98,99}Y, ^{99}Mo, ^{100}Tc, ^{121,123}In, ^{119,120,121,122,123,124,125,126,127}Sn, ^{123,125,127,131}Sb, ^{131}I, ^{132}Te, ^{134,136}Xe; measured isomer half-lives; deduced levels, J, π. Level systematics of neighboring Sn, Sb and In nuclides. JOUR PRVCA 81 014301
	2010TO06	NUCLEAR REACTIONS ^{119}Sn(^{3}He, ^{3}He), (^{3}He, α), E=38 MeV; measured Eγ, particle-γ coin. ^{118,119}Sn; deduced γ-ray strength functions, level densities, parity asymmetry functions, collective enhancement factors, and spin distributions. Oslo method. Combinatorial BCS model. JOUR PRVCA 81 064311
^{119}Sb	2008GUZL	NUCLEAR REACTIONS ^{121}Sb(p, t), E=21 MeV; measured reaction products; deduced $\sigma(\theta)$ for transitions to ^{119}Sb levels. Comparison with DWBA calculations. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P371,Guazzoni

A=120

^{120}Tc	2010OH02	NUCLEAR REACTIONS Be, Pb(^{238}U, F), E=345 MeV / nucleon; measured yields of fission fragments. Z=20-56, A=52-152; measured yields. ^{71}Mn, ^{73,74}Fe, ^{76}Co, ^{79}Ni, ^{81,82}Cu, ^{84,85}Zn, ^{87}Ga, ^{90}Ge, ^{95}Se, ^{98}Br, ^{101}Kr, ^{103}Rb, ^{106,107}Sr, ^{108,109}Y, ^{111,112}Zr, ^{114,115}Nb, ^{115,116,117}Mo, ^{119,120}Tc, ^{121,122,123,124}Ru, ^{123,124,125,126}Rh, ^{127,128}Pd, ^{133}Cd, ^{138}Sn, ^{140}Sb, ^{143}Te, ^{145}I, ^{148}Xe, ^{152}Ba; measured yields and cross sections, identified new isotopes using RI beam factory at RIKEN, ΔE-TOF-Bρ method. JOUR JUPSA 79 073201
^{120}Ag	2010BR02	ATOMIC MASSES ^{112,114,115,116,117,118,119,120,121,122,123,124}Ag, ^{114,120,122,123,124,126,128}Cd; measured cyclotron frequencies relative to ^{133}Cs, and mass excesses using ISOLTRAP Penning trap spectrometer; deduced excitation energies of the isomers; evaluated mass excesses; two-neutron separate energies, and proton-neutron interaction strength δV_{pn}. Comparison with previous data and AME-2003. JOUR PRVCA 81 034313
^{120}Cd	2010BR02	ATOMIC MASSES ^{112,114,115,116,117,118,119,120,121,122,123,124}Ag, ^{114,120,122,123,124,126,128}Cd; measured cyclotron frequencies relative to ^{133}Cs, and mass excesses using ISOLTRAP Penning trap spectrometer; deduced excitation energies of the isomers; evaluated mass excesses; two-neutron separate energies, and proton-neutron interaction strength δV_{pn}. Comparison with previous data and AME-2003. JOUR PRVCA 81 034313
^{120}Sn	2008NIZU	NUCLEAR REACTIONS ^{116,117,118,119}Sn, ^{155,156,157,158}Gd(n, γ), E=10-100 keV, 550 keV; measured Eγ, Iγ; deduced σ, dσ. Compared to other data, JENDL-3.3, ENDF / B-VI, ENDF / B-VII. CONF Nice (Nucl Data for Sci and Technol) Proc,P615

A=120 ***(continued)***

2008STZP NUCLEAR REACTIONS ^{120}Sn(^{67}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; ^{120}Sn(^{69}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; ^{120}Sn(^{71}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; ^{120}Sn(^{73}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; ^{104}Pd(^{67}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; ^{104}Pd(^{69}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; ^{104}Pd(^{71}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; ^{104}Pd(^{73}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; measured Cu Coulomb excitation Eγ, I$\gamma(\theta)$, $\gamma\gamma$-coin; deduced E, J, π, B(E2). CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P671

2008VOZV NUCLEAR REACTIONS ^{112,116,120,124}Sn(γ, γ'), E=5.5-9.5 MeV;measured Eγ, Iγ; ^{112,116,120,124}Sn; deduced B(E1) strength distributions. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P335,Von Neumann-

2009AC02 NUCLEAR REACTIONS ^{120}Sn(^{11}Be, ^{11}Be), (^{11}Be, ^{11}Be'), E=2.91 MeV / nucleon; measured particle spectra using DSSSD array at REX-ISOLDE; deduced $\sigma(\theta)$. Comparison with coupled-channel calculations. Secondary radioactive halo nuclide beam. JOUR ZAANE 42 461

2009PEZY NUCLEAR REACTIONS ^{96}Mo(^{88}Sr, 2n), E=351 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin.; deduced decay curves of yrast transitions, quadrupole moments; ^{107}Ag(^{184}Hg, ^{184}Hg'), E=2.85 MeV / nucleon;^{120}Sn(^{184}Hg, ^{184}Hg'), E=2.85 MeV / nucleon;^{107}Ag(^{186}Hg, ^{186}Hg'), E=2.85 MeV / nucleon;^{120}Sn(^{186}Hg, ^{186}Hg'), E=2.85 MeV / nucleon;^{107}Ag(^{188}Hg, ^{188}Hg'), E=2.85 MeV / nucleon;^{120}Sn(^{188}Hg, ^{188}Hg'), E=2.85 MeV / nucleon; measured Eγ, Iγ, particle-γ-coin. Plunger device with JUROGAM + RITU + GREAT, matrix E2 elements to be extracted. CONF Cologne (Capture Gamma-Ray Spectroscopy) Proc,P414,Petts

2009WAZW NUCLEAR REACTIONS ^{77}Se, ^{99}Ru, ^{101}Ru, ^{123}Te(n, α), E=thermal; measured Eα, Iα; deduced E, J, π. CONF Cologne (Capture Gamma-Ray Spectroscopy) Proc,P84,Wagemans

2010DE34 NUCLEAR REACTIONS ^{120}Sn(^{6}He, ^{6}He), (^{6}He, X), E=17.4, 18.04, 19.8, 20.5 MeV, [^{6}He beam from ^{9}Be(^{7}Li, ^{6}He), E=2-26 MeV]; measured α and ^{6}He spectra, σ(E, θ). DWBA analysis. Comparison with breakup and neutron transfer calculations using continuum-discretized coupled-channels (CDCC) approach. JOUR PRVCA 82 034602

2010LI07 NUCLEAR REACTIONS ^{112,114,116,118,120,122,124}Sn(α, α'), E=386 MeV; measured Eα, Iα, excitation energies, $\sigma(\theta)$, σ, angular distributions, differential cross section as function of excitation energy; deduced strengths distributions, widths and EWSR for isoscalar giant monopole resonance (ISGMR), isoscalar giant-dipole resonance (ISGDR), isoscalar giant quadrupole resonance (ISGQR), and high-energy octupole resonance (HEOR). Comparisons with theoretical predictions. JOUR PRVCA 81 034309

A=120 *(continued)*

	2010RE01	NUCLEAR REACTIONS ^{232}Th(^{6}Li, X), E=45 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, particle spectra, (particle)γ-coin, (particle)γ-correlations using STARS Si array at LBNL and Ge detectors. ^{88}Br, ^{93}Rb, ^{95,98,99}Y, ^{99}Mo, ^{100}Tc, ^{121,123}In, ^{119,120,121,122,123,124,125,126,127}Sn, ^{123,125,127,131}Sb, ^{131}I, ^{132}Te, ^{134,136}Xe; measured isomer half-lives; deduced levels, J, π. Level systematics of neighboring Sn, Sb and In nuclides. JOUR PRVCA 81 014301
^{120}Sb	2010ZH20	NUCLEAR REACTIONS ^{116}Cd, ^{121}Sb(γ, n), E<10.5 MeV; measured Eγ, Iγ; deduced isomeric yields and ratios. JOUR BRSPE 74 829
^{120}Te	2008WEZW	RADIOACTIVITY ^{66}Ge; ^{68}Ge; ^{94}Zr; ^{120}Te; measured decay products; deduced B(E2), $T_{1/2}$; ^{140}Nd; measured Eγ, I$\gamma(\theta)$, $\gamma\gamma(\theta)$-coin; deduced E, J, π, mixed-symmetry states. Results on CD only. CONF E.Lansing (NS2008),P23,Werner
	2010ZU02	RADIOACTIVITY ^{106,114,116}Cd, ^{120,128,130}Te, ^{64}Zn(2β); measured Ee, Ie; deduced $T_{1/2}$. JOUR PPNPD 64 267
^{120}Xe	2008TAZI	NUCLEAR REACTIONS Pb(p, x), E=1, 1.4 GeV; Bi(p, x), E=1, 1.4 GeV; measured Eγ, Iγ, A(particle) using melted thick target at ISOLDE facility; ^{76,77,79,85,87,88,89,90}Kr, ^{111}Cd, ^{121,124,126}I, ^{120,121,122,123,125,127,129,131,133}Xe, ^{184,186,188,190,192,193,195,197,203,205,206}Hg, ^{204,205,206,207,208,209,210}At; deduced thick target yields temperature dependence 250-600 centigrade; calculated using FLUKA, MCNPX with INCL4 / ABLA. CONF Nice (Nucl Data for Sci and Technol) Proc,P1069

A=121

^{121}Ru	2010OH02	NUCLEAR REACTIONS Be, Pb(^{238}U, F), E=345 MeV / nucleon; measured yields of fission fragments. Z=20-56, A=52-152; measured yields. ^{71}Mn, ^{73,74}Fe, ^{76}Co, ^{79}Ni, ^{81,82}Cu, ^{84,85}Zn, ^{87}Ga, ^{90}Ge, ^{95}Se, ^{98}Br, ^{101}Kr, ^{103}Rb, ^{106,107}Sr, ^{108,109}Y, ^{111,112}Zr, ^{114,115}Nb, ^{115,116,117}Mo, ^{119,120}Tc, ^{121,122,123,124}Ru, ^{123,124,125,126}Rh, ^{127,128}Pd, ^{133}Cd, ^{138}Sn, ^{140}Sb, ^{143}Te, ^{145}I, ^{148}Xe, ^{152}Ba; measured yields and cross sections, identified new isotopes using RI beam factory at RIKEN, ΔE-TOF-Bρ method. JOUR JUPSA 79 073201
^{121}Pd	2009ST28	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{121}Pd / ^{123}Ag / ^{125}Ag, E=120 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-, (fragment)γ-coin. ^{121,123,125}Ag; deduced levels, J, π, $T_{1/2}$. Comparison with shell model and systematics. JOUR ZAANE 42 407
	2009ST28	RADIOACTIVITY ^{121}Pd(β^-) [from ^{9}Be(^{136}Xe, X), E=120 MeV / nucleon]; measured Eγ, Iγ, $\gamma\gamma$-, (fragment)γ-coin. ^{121}Ag; deduced levels, J, π. Comparison with shell model and systematics. JOUR ZAANE 42 407
^{121}Ag	2009ST28	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{121}Pd / ^{123}Ag / ^{125}Ag, E=120 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-, (fragment)γ-coin. ^{121,123,125}Ag; deduced levels, J, π, $T_{1/2}$. Comparison with shell model and systematics. JOUR ZAANE 42 407

A=121 ***(continued)***

	2009ST28	RADIOACTIVITY ^{121}Pd(β^-) [from ^{9}Be(^{136}Xe, X), E=120 MeV / nucleon]; measured Eγ, Iγ, $\gamma\gamma$-, (fragment)γ-coin. ^{121}Ag; deduced levels, J, π. Comparison with shell model and systematics. JOUR ZAANE 42 407
	2010BR02	ATOMIC MASSES ^{112,114,115,116,117,118,119,120,121,122,123,124}Ag, ^{114,120,122,123,124,126,128}Cd; measured cyclotron frequencies relative to ^{133}Cs, and mass excesses using ISOLTRAP Penning trap spectrometer; deduced excitation energies of the isomers; evaluated mass excesses; two-neutron separate energies, and proton-neutron interaction strength δV_{pn}. Comparison with previous data and AME-2003. JOUR PRVCA 81 034313
^{121}In	2010RE01	NUCLEAR REACTIONS ^{232}Th(^{6}Li, X), E=45 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, particle spectra, (particle)γ-coin, (particle)γ-correlations using STARS Si array at LBNL and Ge detectors. ^{88}Br, ^{93}Rb, ^{95,98,99}Y, ^{99}Mo, ^{100}Tc, ^{121,123}In, ^{119,120,121,122,123,124,125,126,127}Sn, ^{123,125,127,131}Sb, ^{131}I, ^{132}Te, ^{134,136}Xe; measured isomer half-lives; deduced levels, J, π. Level systematics of neighboring Sn, Sb and In nuclides. JOUR PRVCA 81 014301
	2010RE01	RADIOACTIVITY ^{121m,123m}In(IT), ^{125m}Sb(IT); measured Eγ, Iγ, $\gamma\gamma$-coin; deduced levels, J, π. ^{117}Cd, ^{128}Sb(β^-); measured Eγ. JOUR PRVCA 81 014301
^{121}Sn	2010RE01	NUCLEAR REACTIONS ^{232}Th(^{6}Li, X), E=45 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, particle spectra, (particle)γ-coin, (particle)γ-correlations using STARS Si array at LBNL and Ge detectors. ^{88}Br, ^{93}Rb, ^{95,98,99}Y, ^{99}Mo, ^{100}Tc, ^{121,123}In, ^{119,120,121,122,123,124,125,126,127}Sn, ^{123,125,127,131}Sb, ^{131}I, ^{132}Te, ^{134,136}Xe; measured isomer half-lives; deduced levels, J, π. Level systematics of neighboring Sn, Sb and In nuclides. JOUR PRVCA 81 014301
^{121}Te	2008DIZT	NUCLEAR REACTIONS ^{102}Pd, ^{120}Te, ^{130,132}Ba, ^{156}Dy(n, γ), E$\approx$25 keV; measured Eγ, Iγ; deduced σ. Compared with MACS30 recommended values. CONF Nice (Nucl Data for Sci and Technol) Proc,P575
	2009ZH37	NUCLEAR REACTIONS ^{93}Nb, ^{122,128}Te(n, 2n)^{92m}Nb / ^{121}Te / ^{121m}Te / ^{127}Te / ^{127m}Te / , E=14 MeV; measured Eγ, Iγ and σ by activation method relative to that for ^{93}Nb(n, 2n)^{92m}Nb reaction; analyzed σ for ^{121g}Te and ^{127g}Te by considering effects of population of isomeric states. JOUR PRVCA 80 054615
	2010DI01	NUCLEAR REACTIONS ^{102}Pd, ^{120}Te, ^{130}Ba, ^{132}Ba, ^{156}Dy, ^{197}Au(n, γ), E=0-120 keV; measured Eγ, Iγ, Maxwellian-averaged σ by activation technique; deduced reaction rates for p process. Comparison with standard Hauser-Feshbach models and with results from various reaction libraries including ENDF-B / VII.0. JOUR PRVCA 81 015801

A=121 ***(continued)***

^{121}I	2008TAZI	NUCLEAR REACTIONS Pb(p, x), E=1, 1.4 GeV; Bi(p, x), E=1, 1.4 GeV; measured Eγ, Iγ, A(particle) using melted thick target at ISOLDE facility; ^{76,77,79,85,87,88,89,90}Kr, ^{111}Cd, ^{121,124,126}I, ^{120,121,122,123,125,127,129,131,133}Xe, ^{184,186,188,190,192,193,195,197,203,205,206}Hg, ^{204,205,206,207,208,209,210}At; deduced thick target yields temperature dependence 250-600 centigrade; calculated using FLUKA, MCNPX with INCL4 / ABLA. CONF Nice (Nucl Data for Sci and Technol) Proc,P1069
^{121}Xe	2008TAZI	NUCLEAR REACTIONS Pb(p, x), E=1, 1.4 GeV; Bi(p, x), E=1, 1.4 GeV; measured Eγ, Iγ, A(particle) using melted thick target at ISOLDE facility; ^{76,77,79,85,87,88,89,90}Kr, ^{111}Cd, ^{121,124,126}I, ^{120,121,122,123,125,127,129,131,133}Xe, ^{184,186,188,190,192,193,195,197,203,205,206}Hg, ^{204,205,206,207,208,209,210}At; deduced thick target yields temperature dependence 250-600 centigrade; calculated using FLUKA, MCNPX with INCL4 / ABLA. CONF Nice (Nucl Data for Sci and Technol) Proc,P1069

A=122

^{122}Ru	2010OH02	NUCLEAR REACTIONS Be, Pb(^{238}U, F), E=345 MeV / nucleon; measured yields of fission fragments. Z=20-56, A=52-152; measured yields. ^{71}Mn, ^{73,74}Fe, ^{76}Co, ^{79}Ni, ^{81,82}Cu, ^{84,85}Zn, ^{87}Ga, ^{90}Ge, ^{95}Se, ^{98}Br, ^{101}Kr, ^{103}Rb, ^{106,107}Sr, ^{108,109}Y, ^{111,112}Zr, ^{114,115}Nb, ^{115,116,117}Mo, ^{119,120}Tc, ^{121,122,123,124}Ru, ^{123,124,125,126}Rh, ^{127,128}Pd, ^{133}Cd, ^{138}Sn, ^{140}Sb, ^{143}Te, ^{145}I, ^{148}Xe, ^{152}Ba; measured yields and cross sections, identified new isotopes using RI beam factory at RIKEN, ΔE-TOF-Bρ method. JOUR JUPSA 79 073201
^{122}Ag	2010BR02	ATOMIC MASSES ^{112,114,115,116,117,118,119,120,121,122,123,124}Ag, ^{114,120,122,123,124,126,128}Cd; measured cyclotron frequencies relative to ^{133}Cs, and mass excesses using ISOLTRAP Penning trap spectrometer; deduced excitation energies of the isomers; evaluated mass excesses; two-neutron separate energies, and proton-neutron interaction strength δV_{pn}. Comparison with previous data and AME-2003. JOUR PRVCA 81 034313
^{122}Cd	2008KRZV	NUCLEAR REACTIONS ^{9}Be(^{56}Ti, n)^{55}Ti, E=high; measured Eγ, Iγ, $\gamma\gamma$-coin, E(fragment); deduced momentum transfer, ground=state single-particle structure; ^{122,124,126}Cd, ^{138,140,142,144}Xe(γ, γ'); measured Coulomb excitation Eγ, Iγ, (particle)γ-coin; deduced B(E2). Compared to other data and systematics. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P96
	2010BR02	ATOMIC MASSES ^{112,114,115,116,117,118,119,120,121,122,123,124}Ag, ^{114,120,122,123,124,126,128}Cd; measured cyclotron frequencies relative to ^{133}Cs, and mass excesses using ISOLTRAP Penning trap spectrometer; deduced excitation energies of the isomers; evaluated mass excesses; two-neutron separate energies, and proton-neutron interaction strength δV_{pn}. Comparison with previous data and AME-2003. JOUR PRVCA 81 034313

A=122 ***(continued)***

^{122}In	2009MAZL	RADIOACTIVITY ^{63}Mn(β^-)[from U(p, f), E=1.4 GeV]; measured Eγ, Iγ, t(γ), $\gamma\gamma$-coin., Eβ, $\beta\gamma$-coin.; deduced ^{63}Fe E, J, π, isomer decay, $T_{1/2}$, B(M1); ^{122}In(β^-)[from ^{238}U(p, f), E=30 MeV]; measured Eγ, Iγ, t(γ), $\gamma\gamma$-coin., Eβ, $\beta\gamma$-coin.; deduced ^{122}Sn E, J, π, $T_{1/2}$, B(E2), ground-state multiplet. CONF Cologne (Capture Gamma-Ray Spectroscopy) Proc,P502,Mach
^{122}Sn	2008STZP	NUCLEAR REACTIONS ^{120}Sn(^{67}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; ^{120}Sn(^{69}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; ^{120}Sn(^{71}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; ^{120}Sn(^{73}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; ^{104}Pd(^{67}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; ^{104}Pd(^{69}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; ^{104}Pd(^{71}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; ^{104}Pd(^{73}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; measured Cu Coulomb excitation Eγ, I$\gamma(\theta)$, $\gamma\gamma$-coin; deduced E, J, π, B(E2). CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P671
	2009MAZL	RADIOACTIVITY ^{63}Mn(β^-)[from U(p, f), E=1.4 GeV]; measured Eγ, Iγ, t(γ), $\gamma\gamma$-coin., Eβ, $\beta\gamma$-coin.; deduced ^{63}Fe E, J, π, isomer decay, $T_{1/2}$, B(M1); ^{122}In(β^-)[from ^{238}U(p, f), E=30 MeV]; measured Eγ, Iγ, t(γ), $\gamma\gamma$-coin., Eβ, $\beta\gamma$-coin.; deduced ^{122}Sn E, J, π, $T_{1/2}$, B(E2), ground-state multiplet. CONF Cologne (Capture Gamma-Ray Spectroscopy) Proc,P502,Mach
	2010LI07	NUCLEAR REACTIONS ^{112,114,116,118,120,122,124}Sn(α, α'), E=386 MeV; measured Eα, Iα, excitation energies, $\sigma(\theta)$, σ, angular distributions, differential cross section as function of excitation energy; deduced strengths distributions, widths and EWSR for isoscalar giant monopole resonance (ISGMR), isoscalar giant-dipole resonance (ISGDR), isoscalar giant quadrupole resonance (ISGQR), and high-energy octupole resonance (HEOR). Comparisons with theoretical predictions. JOUR PRVCA 81 034309
	2010RE01	NUCLEAR REACTIONS ^{232}Th(^{6}Li, X), E=45 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, particle spectra, (particle)γ-coin, (particle)γ-correlations using STARS Si array at LBNL and Ge detectors. ^{88}Br, ^{93}Rb, ^{95,98,99}Y, ^{99}Mo, ^{100}Tc, ^{121,123}In, ^{119,120,121,122,123,124,125,126,127}Sn, ^{123,125,127,131}Sb, ^{131}I, ^{132}Te, ^{134,136}Xe; measured isomer half-lives; deduced levels, J, π. Level systematics of neighboring Sn, Sb and In nuclides. JOUR PRVCA 81 014301
^{122}Te	2009KI25	RADIOACTIVITY ^{122}I, ^{140}Pr, ^{142}Pm(EC); measured $T_{1/2}$ of hydrogen-like ions; deduced squared neutrino mass difference. JOUR NUPAB 827 510c
	2010KU02	RADIOACTIVITY ^{205}Hg, ^{207}Tl(β^-) [from Be(^{208}Pb, X), E=750 MeV / nucleon];^{140}Pr, ^{142}Pm, ^{122}I(EC) [from Be(^{152}Sm, X), E=508 MeV / nucleon];measured time evolution of the Schottky noise, revolution frequencies; deduced decay rates, Q-values, time-dependent decay constant. JOUR APOBB 41 525
	2010MI04	NUCLEAR REACTIONS ^{119}Sn(α, nγ)^{122}Te, E=15 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular distributions, half-lives by Doppler shift attenuation method. ^{122}Te; deduced levels, J, π, transition strengths with Monte Carlo simulations. JOUR PRVCA 81 034314

A=122 *(continued)*

^{122}I	2009KI25	RADIOACTIVITY ^{122}I, ^{140}Pr, ^{142}Pm(EC); measured $T_{1/2}$ of hydrogen-like ions; deduced squared neutrino mass difference. JOUR NUPAB 827 510c
	2010KU02	RADIOACTIVITY ^{205}Hg, ^{207}Tl(β^-) [from Be(^{208}Pb, X), E=750 MeV / nucleon];^{140}Pr, ^{142}Pm, ^{122}I(EC) [from Be(^{152}Sm, X), E=508 MeV / nucleon];measured time evolution of the Schottky noise, revolution frequencies; deduced decay rates, Q-values, time-dependent decay constant. JOUR APOBB 41 525
^{122}Xe	2008TAZI	NUCLEAR REACTIONS Pb(p, x), E=1, 1.4 GeV; Bi(p, x), E=1, 1.4 GeV; measured Eγ, Iγ, A(particle) using melted thick target at ISOLDE facility; ^{76,77,79,85,87,88,89,90}Kr, ^{111}Cd, ^{121,124,126}I, ^{120,121,122,123,125,127,129,131,133}Xe, ^{184,186,188,190,192,193,195,197,203,205,206}Hg, ^{204,205,206,207,208,209,210}At; deduced thick target yields temperature dependence 250-600 centigrade; calculated using FLUKA, MCNPX with INCL4 / ABLA. CONF Nice (Nucl Data for Sci and Technol) Proc,P1069
^{122}Cs	2009PA49	NUCLEAR REACTIONS ^{238}U(p, X)^{122}Cs / ^{123}Cs / ^{124}Cs / ^{125}Cs / ^{126}Cs / ^{127}Cs / ^{128}Cs / ^{129}Cs / ^{130}Cs / ^{132}Cs / ^{138}Cs / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{143}Cs / ^{144}Cs / ^{145}Cs / ^{146}Cs / ^{147}Cs / ^{148}Cs / ^{202}Fr / ^{203}Fr / ^{204}Fr / ^{205}Fr / ^{206}Fr / ^{207}Fr / ^{208}Fr / ^{209}Fr / ^{210}Fr / ^{211}Fr / ^{212}Fr / ^{213}Fr / ^{214}Fr / ^{218}Fr / ^{219}Fr / ^{220}Fr / ^{221}Fr / ^{222}Fr / ^{223}Fr / ^{224}Fr / ^{225}Fr / ^{226}Fr / ^{227}Fr / ^{228}Fr, E=1 GeV; measured fission and spallation yields from different mass targets; deduced effect of target size. JOUR ZAANE 42 495
^{122}Ba	2009BIZY	NUCLEAR REACTIONS ^{108}Cd(^{16}O, 2n), E=64, 65 MeV; ^{112}Sn(^{13}C, 2n), E=59 MeV; measured Eγ, Iγ, $\theta(\gamma)$; deduced E, J, π, rotational bands, yrast γ-cascade, B(E2), half-life of individual states; calculated B(E2) using X(5) model and SU(3) limit of IBA. Compared together. CONF Cologne (Capture Gamma-Ray Spectroscopy) Proc,P352,Bizzeti

A=123

^{123}Ru	2010OH02	NUCLEAR REACTIONS Be, Pb(^{238}U, F), E=345 MeV / nucleon; measured yields of fission fragments. Z=20-56, A=52-152; measured yields. ^{71}Mn, ^{73,74}Fe, ^{76}Co, ^{79}Ni, ^{81,82}Cu, ^{84,85}Zn, ^{87}Ga, ^{90}Ge, ^{95}Se, ^{98}Br, ^{101}Kr, ^{103}Rb, ^{106,107}Sr, ^{108,109}Y, ^{111,112}Zr, ^{114,115}Nb, ^{115,116,117}Mo, ^{119,120}Tc, ^{121,122,123,124}Ru, ^{123,124,125,126}Rh, ^{127,128}Pd, ^{133}Cd, ^{138}Sn, ^{140}Sb, ^{143}Te, ^{145}I, ^{148}Xe, ^{152}Ba; measured yields and cross sections, identified new isotopes using RI beam factory at RIKEN, ΔE-TOF-Bρ method. JOUR JUPSA 79 073201
^{123}Rh	2010OH02	NUCLEAR REACTIONS Be, Pb(^{238}U, F), E=345 MeV / nucleon; measured yields of fission fragments. Z=20-56, A=52-152; measured yields. ^{71}Mn, ^{73,74}Fe, ^{76}Co, ^{79}Ni, ^{81,82}Cu, ^{84,85}Zn, ^{87}Ga, ^{90}Ge, ^{95}Se, ^{98}Br, ^{101}Kr, ^{103}Rb, ^{106,107}Sr, ^{108,109}Y, ^{111,112}Zr, ^{114,115}Nb, ^{115,116,117}Mo, ^{119,120}Tc, ^{121,122,123,124}Ru, ^{123,124,125,126}Rh, ^{127,128}Pd, ^{133}Cd, ^{138}Sn, ^{140}Sb, ^{143}Te, ^{145}I, ^{148}Xe, ^{152}Ba; measured yields and cross sections, identified new isotopes using RI beam factory at RIKEN, ΔE-TOF-Bρ method. JOUR JUPSA 79 073201

A=123 ***(continued)***

^{123}Ag	2009ST28	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{121}Pd / ^{123}Ag / ^{125}Ag, E=120 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-, (fragment)γ-coin. ^{121,123,125}Ag; deduced levels, J, π, $T_{1/2}$. Comparison with shell model and systematics. JOUR ZAANE 42 407
	2010BR02	ATOMIC MASSES ^{112,114,115,116,117,118,119,120,121,122,123,124}Ag, ^{114,120,122,123,124,126,128}Cd; measured cyclotron frequencies relative to ^{133}Cs, and mass excesses using ISOLTRAP Penning trap spectrometer; deduced excitation energies of the isomers; evaluated mass excesses; two-neutron separate energies, and proton-neutron interaction strength δV_{pn}. Comparison with previous data and AME-2003. JOUR PRVCA 81 034313
	2010LI02	ATOMIC MASSES ^{85,86}As, ^{89}Se, ^{123}Ag, ^{138}Te, ^{140,141}I, ^{143}Xe, ^{221,222}At, ^{223}Rn, ^{228}Fr, ^{231}Ra; measured atomic mass using storage ring mass spectrometry. JOUR APOBB 41 511
^{123}Cd	2010BR02	ATOMIC MASSES ^{112,114,115,116,117,118,119,120,121,122,123,124}Ag, ^{114,120,122,123,124,126,128}Cd; measured cyclotron frequencies relative to ^{133}Cs, and mass excesses using ISOLTRAP Penning trap spectrometer; deduced excitation energies of the isomers; evaluated mass excesses; two-neutron separate energies, and proton-neutron interaction strength δV_{pn}. Comparison with previous data and AME-2003. JOUR PRVCA 81 034313
^{123}In	2010RE01	NUCLEAR REACTIONS ^{232}Th(^{6}Li, X), E=45 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, particle spectra, (particle)γ-coin, (particle)γ-correlations using STARS Si array at LBNL and Ge detectors. ^{88}Br, ^{93}Rb, ^{95,98,99}Y, ^{99}Mo, ^{100}Tc, ^{121,123}In, ^{119,120,121,122,123,124,125,126,127}Sn, ^{123,125,127,131}Sb, ^{131}I, ^{132}Te, ^{134,136}Xe; measured isomer half-lives; deduced levels, J, π. Level systematics of neighboring Sn, Sb and In nuclides. JOUR PRVCA 81 014301
	2010RE01	RADIOACTIVITY ^{121m,123m}In(IT), ^{125m}Sb(IT); measured Eγ, Iγ, $\gamma\gamma$-coin; deduced levels, J, π. ^{117}Cd, ^{128}Sb(β^-); measured Eγ. JOUR PRVCA 81 014301
^{123}Sn	2010RE01	NUCLEAR REACTIONS ^{232}Th(^{6}Li, X), E=45 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, particle spectra, (particle)γ-coin, (particle)γ-correlations using STARS Si array at LBNL and Ge detectors. ^{88}Br, ^{93}Rb, ^{95,98,99}Y, ^{99}Mo, ^{100}Tc, ^{121,123}In, ^{119,120,121,122,123,124,125,126,127}Sn, ^{123,125,127,131}Sb, ^{131}I, ^{132}Te, ^{134,136}Xe; measured isomer half-lives; deduced levels, J, π. Level systematics of neighboring Sn, Sb and In nuclides. JOUR PRVCA 81 014301
^{123}Sb	2010RE01	NUCLEAR REACTIONS ^{232}Th(^{6}Li, X), E=45 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, particle spectra, (particle)γ-coin, (particle)γ-correlations using STARS Si array at LBNL and Ge detectors. ^{88}Br, ^{93}Rb, ^{95,98,99}Y, ^{99}Mo, ^{100}Tc, ^{121,123}In, ^{119,120,121,122,123,124,125,126,127}Sn, ^{123,125,127,131}Sb, ^{131}I, ^{132}Te, ^{134,136}Xe; measured isomer half-lives; deduced levels, J, π. Level systematics of neighboring Sn, Sb and In nuclides. JOUR PRVCA 81 014301

A=123 ***(continued)***

^{123}Xe	2008TAZI	NUCLEAR REACTIONS Pb(p, x), E=1, 1.4 GeV; Bi(p, x), E=1, 1.4 GeV; measured Eγ, Iγ, A(particle) using melted thick target at ISOLDE facility; ^{76,77,79,85,87,88,89,90}Kr, ^{111}Cd, ^{121,124,126}I, ^{120,121,122,123,125,127,129,131,133}Xe, ^{184,186,188,190,192,193,195,197,203,205,206}Hg, ^{204,205,206,207,208,209,210}At; deduced thick target yields temperature dependence 250-600 centigrade; calculated using FLUKA, MCNPX with INCL4 / ABLA. CONF Nice (Nucl Data for Sci and Technol) Proc,P1069
^{123}Cs	2009PA49	NUCLEAR REACTIONS ^{238}U(p, X)^{122}Cs / ^{123}Cs / ^{124}Cs / ^{125}Cs / ^{126}Cs / ^{127}Cs / ^{128}Cs / ^{129}Cs / ^{130}Cs / ^{132}Cs / ^{138}Cs / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{143}Cs / ^{144}Cs / ^{145}Cs / ^{146}Cs / ^{147}Cs / ^{148}Cs / ^{202}Fr / ^{203}Fr / ^{204}Fr / ^{205}Fr / ^{206}Fr / ^{207}Fr / ^{208}Fr / ^{209}Fr / ^{210}Fr / ^{211}Fr / ^{212}Fr / ^{213}Fr / ^{214}Fr / ^{218}Fr / ^{219}Fr / ^{220}Fr / ^{221}Fr / ^{222}Fr / ^{223}Fr / ^{224}Fr / ^{225}Fr / ^{226}Fr / ^{227}Fr / ^{228}Fr, E=1 GeV; measured fission and spallation yields from different mass targets; deduced effect of target size. JOUR ZAANE 42 495
^{123}Ba	2009BIZY	NUCLEAR REACTIONS ^{108}Cd(^{16}O, 2n), E=64, 65 MeV; ^{112}Sn(^{13}C, 2n), E=59 MeV; measured Eγ, Iγ, $\theta(\gamma)$; deduced E, J, π, rotational bands, yrast γ-cascade, B(E2), half-life of individual states; calculated B(E2) using X(5) model and SU(3) limit of IBA. Compared together. CONF Cologne (Capture Gamma-Ray Spectroscopy) Proc,P352,Bizzeti

A=124

^{124}Ru	2010OH02	NUCLEAR REACTIONS Be, Pb(^{238}U, F), E=345 MeV / nucleon; measured yields of fission fragments. Z=20-56, A=52-152; measured yields. ^{71}Mn, ^{73,74}Fe, ^{76}Co, ^{79}Ni, ^{81,82}Cu, ^{84,85}Zn, ^{87}Ga, ^{90}Ge, ^{95}Se, ^{98}Br, ^{101}Kr, ^{103}Rb, ^{106,107}Sr, ^{108,109}Y, ^{111,112}Zr, ^{114,115}Nb, ^{115,116,117}Mo, ^{119,120}Tc, ^{121,122,123,124}Ru, ^{123,124,125,126}Rh, ^{127,128}Pd, ^{133}Cd, ^{138}Sn, ^{140}Sb, ^{143}Te, ^{145}I, ^{148}Xe, ^{152}Ba; measured yields and cross sections, identified new isotopes using RI beam factory at RIKEN, ΔE-TOF-Bρ method. JOUR JUPSA 79 073201
^{124}Rh	2010OH02	NUCLEAR REACTIONS Be, Pb(^{238}U, F), E=345 MeV / nucleon; measured yields of fission fragments. Z=20-56, A=52-152; measured yields. ^{71}Mn, ^{73,74}Fe, ^{76}Co, ^{79}Ni, ^{81,82}Cu, ^{84,85}Zn, ^{87}Ga, ^{90}Ge, ^{95}Se, ^{98}Br, ^{101}Kr, ^{103}Rb, ^{106,107}Sr, ^{108,109}Y, ^{111,112}Zr, ^{114,115}Nb, ^{115,116,117}Mo, ^{119,120}Tc, ^{121,122,123,124}Ru, ^{123,124,125,126}Rh, ^{127,128}Pd, ^{133}Cd, ^{138}Sn, ^{140}Sb, ^{143}Te, ^{145}I, ^{148}Xe, ^{152}Ba; measured yields and cross sections, identified new isotopes using RI beam factory at RIKEN, ΔE-TOF-Bρ method. JOUR JUPSA 79 073201
^{124}Ag	2010BR02	ATOMIC MASSES ^{112,114,115,116,117,118,119,120,121,122,123,124}Ag, ^{114,120,122,123,124,126,128}Cd; measured cyclotron frequencies relative to ^{133}Cs, and mass excesses using ISOLTRAP Penning trap spectrometer; deduced excitation energies of the isomers; evaluated mass excesses; two-neutron separate energies, and proton-neutron interaction strength δV_{pn}. Comparison with previous data and AME-2003. JOUR PRVCA 81 034313

A=124 ***(continued)***

^{124}Cd	2008KRZV	NUCLEAR REACTIONS ^{9}Be(^{56}Ti, n)^{55}Ti, E=high; measured Eγ, Iγ, $\gamma\gamma$-coin, E(fragment); deduced momentum transfer, ground=state single-particle structure; ^{122,124,126}Cd, ^{138,140,142,144}Xe(γ, γ'); measured Coulomb excitation Eγ, Iγ, (particle)γ-coin; deduced B(E2). Compared to other data and systematics. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P96
	2010BR02	ATOMIC MASSES ^{112,114,115,116,117,118,119,120,121,122,123,124}Ag, ^{114,120,122,123,124,126,128}Cd; measured cyclotron frequencies relative to ^{133}Cs, and mass excesses using ISOLTRAP Penning trap spectrometer; deduced excitation energies of the isomers; evaluated mass excesses; two-neutron separate energies, and proton-neutron interaction strength δV_{pn}. Comparison with previous data and AME-2003. JOUR PRVCA 81 034313
^{124}Sn	2008BOZK	NUCLEAR REACTIONS ^{112,124}Sn(γ, γ'); measured levels, J, π; evaluated energy weighted sum rule. Monoenergetic linearly polarized beam. THESIS M Boswell, University of North Carolina
	2008STZP	NUCLEAR REACTIONS ^{120}Sn(^{67}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; ^{120}Sn(^{69}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; ^{120}Sn(^{71}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; ^{120}Sn(^{73}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; ^{104}Pd(^{67}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; ^{104}Pd(^{69}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; ^{104}Pd(^{71}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; ^{104}Pd(^{73}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; measured Cu Coulomb excitation Eγ, I$\gamma(\theta)$, $\gamma\gamma$-coin; deduced E, J, π, B(E2). CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P671
	2008VOZV	NUCLEAR REACTIONS ^{112,116,120,124}Sn(γ, γ'), E=5.5-9.5 MeV;measured Eγ, Iγ; ^{112,116,120,124}Sn; deduced B(E1) strength distributions. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P335,Von Neumann-
	2009ENZY	NUCLEAR REACTIONS ^{124}Sn, ^{140}Ce(α, α'γ), E=136 MeV; measured Eα, *I*a, Eγ, Iγ, $\alpha\gamma$-coin.; deduced σ, B(E1). Compared to (γ, γ') reactions. CONF Cologne (Capture Gamma-Ray Spectroscopy) Proc,P357,Endres
	2009KIZU	RADIOACTIVITY ^{124}Sn(2β^-); measured Eγ, Iγ, $\gamma\gamma$-coin; deduced limits on $T_{1/2}$. REPT TUNL-XLVIII,P30,Kidd
	2010EN01	NUCLEAR REACTIONS ^{124}Sn(α, α'), E=136 MeV; measured Eα, Iα, Eγ, Iγ, α-γ-coin.; deduced pigmy resonance $\sigma(\theta)$, B(E1), two groups of states. Comparison with calculations. JOUR PRLTA 105 212503
	2010LI07	NUCLEAR REACTIONS ^{112,114,116,118,120,122,124}Sn(α, α'), E=386 MeV; measured Eα, Iα, excitation energies, $\sigma(\theta)$, σ, angular distributions, differential cross section as function of excitation energy; deduced strengths distributions, widths and EWSR for isoscalar giant monopole resonance (ISGMR), isoscalar giant-dipole resonance (ISGDR), isoscalar giant quadrupole resonance (ISGQR), and high-energy octupole resonance (HEOR). Comparisons with theoretical predictions. JOUR PRVCA 81 034309
	2010PAZZ	NUCLEAR REACTIONS ^{58}Ni, ^{124}Sn, ^{208}Pb(d, d'), E=3.5-7.3 MeV; measured $\sigma(\theta)$. Tandem. CONF St.-Petersburg,P136,Pavlenko

A=124 ***(continued)***

	2010RE01	NUCLEAR REACTIONS ^{232}Th(^{6}Li, X), E=45 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, particle spectra, (particle)γ-coin, (particle)γ-correlations using STARS Si array at LBNL and Ge detectors. ^{88}Br, ^{93}Rb, ^{95,98,99}Y, ^{99}Mo, ^{100}Tc, ^{121,123}In, ^{119,120,121,122,123,124,125,126,127}Sn, ^{123,125,127,131}Sb, ^{131}I, ^{132}Te, ^{134,136}Xe; measured isomer half-lives; deduced levels, J, π. Level systematics of neighboring Sn, Sb and In nuclides. JOUR PRVCA 81 014301
^{124}Sb	2010BE18	RADIOACTIVITY ^{124}Sb(β^-); measured Eγ, Iγ; deduced γ-ray and x-rays intensities per decay, branching ratio. JOUR ARISE 68 2026
	2010PA07	RADIOACTIVITY ^{124}Sb(β^-) [from Sb(n, X)]; measured Eγ, Iγ, Ee, Ie; deduced precise value for $T_{1/2}$. JOUR ARISE 68 1555
^{124}Te	2009CH59	NUCLEAR REACTIONS ^{125}Te, ^{126}Te(^{58}Ni, ^{58}Ni'), E=195 MeV; measured Eγ, Iγ, $\gamma\gamma$-, γ(particle)-coin, $\gamma\gamma(\theta)$, and g factor. ^{125}Te; deduced levels, J, π, mixing ratios. Comparison with shell model and weak-coupling model calculations. ^{124}Te, ^{128}Te, ^{130}Te(^{58}Ni, ^{58}Ni'), E=195 MeV; measured Eγ. JOUR PRVCA 80 054301
	2009KIZU	RADIOACTIVITY ^{124}Sn($2\beta^-$); measured Eγ, Iγ, $\gamma\gamma$-coin; deduced limits on $T_{1/2}$. REPT TUNL-XLVIII,P30,Kidd
	2010BE18	RADIOACTIVITY ^{124}Sb(β^-); measured Eγ, Iγ; deduced γ-ray and x-rays intensities per decay, branching ratio. JOUR ARISE 68 2026
	2010PA07	RADIOACTIVITY ^{124}Sb(β^-) [from Sb(n, X)]; measured Eγ, Iγ, Ee, Ie; deduced precise value for $T_{1/2}$. JOUR ARISE 68 1555
^{124}I	2008TAZI	NUCLEAR REACTIONS Pb(p, x), E=1, 1.4 GeV; Bi(p, x), E=1, 1.4 GeV; measured Eγ, Iγ, A(particle) using melted thick target at ISOLDE facility; ^{76,77,79,85,87,88,89,90}Kr, ^{111}Cd, ^{121,124,126}I, ^{120,121,122,123,125,127,129,131,133}Xe, ^{184,186,188,190,192,193,195,197,203,205,206}Hg, ^{204,205,206,207,208,209,210}At; deduced thick target yields temperature dependence 250-600 centigrade; calculated using FLUKA, MCNPX with INCL4 / ABLA. CONF Nice (Nucl Data for Sci and Technol) Proc,P1069
^{124}Xe	2008WIZP	NUCLEAR REACTIONS ^{80}Se(^{48}Ca, 4n), E=207 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin; deduced high-spin states, superdeformation, hyperdeformation. Abstract only. CONF E.Lansing (NS2008),P193,Wilson
	2010RA05	NUCLEAR REACTIONS ^{12}C(^{124}Xe, ^{124}Xe'), E=394 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin using DSA technique and the Gammasphere array. ^{124}Xe; deduced levels, J, π, B(E2). Comparison with interacting boson model. JOUR PYLBB 683 11
^{124}Cs	2009PA49	NUCLEAR REACTIONS ^{238}U(p, X)^{122}Cs / ^{123}Cs / ^{124}Cs / ^{125}Cs / ^{126}Cs / ^{127}Cs / ^{128}Cs / ^{129}Cs / ^{130}Cs / ^{132}Cs / ^{138}Cs / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{143}Cs / ^{144}Cs / ^{145}Cs / ^{146}Cs / ^{147}Cs / ^{148}Cs / ^{202}Fr / ^{203}Fr / ^{204}Fr / ^{205}Fr / ^{206}Fr / ^{207}Fr / ^{208}Fr / ^{209}Fr / ^{210}Fr / ^{211}Fr / ^{212}Fr / ^{213}Fr / ^{214}Fr / ^{218}Fr / ^{219}Fr / ^{220}Fr / ^{221}Fr / ^{222}Fr / ^{223}Fr / ^{224}Fr / ^{225}Fr / ^{226}Fr / ^{227}Fr / ^{228}Fr, E=1 GeV; measured fission and spallation yields from different mass targets; deduced effect of target size. JOUR ZAANE 42 495

A=125

^{125}Rh	2010OH02	NUCLEAR REACTIONS Be, Pb(^{238}U, F), E=345 MeV / nucleon; measured yields of fission fragments. Z=20-56, A=52-152; measured yields. ^{71}Mn, ^{73,74}Fe, ^{76}Co, ^{79}Ni, ^{81,82}Cu, ^{84,85}Zn, ^{87}Ga, ^{90}Ge, ^{95}Se, ^{98}Br, ^{101}Kr, ^{103}Rb, ^{106,107}Sr, ^{108,109}Y, ^{111,112}Zr, ^{114,115}Nb, ^{115,116,117}Mo, ^{119,120}Tc, ^{121,122,123,124}Ru, ^{123,124,125,126}Rh, ^{127,128}Pd, ^{133}Cd, ^{138}Sn, ^{140}Sb, ^{143}Te, ^{145}I, ^{148}Xe, ^{152}Ba; measured yields and cross sections, identified new isotopes using RI beam factory at RIKEN, ΔE-TOF-Bρ method. JOUR JUPSA 79 073201
^{125}Pd	2008MOZQ	NUCLEAR REACTIONS ^{9}Be(^{238}U, f), E=345 MeV / nucleon; measured A / Z ratio; deduced Z=46 yields distribution, evidence for ^{125}Pd. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P145
^{125}Ag	2009ST28	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{121}Pd / ^{123}Ag / ^{125}Ag, E=120 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-, (fragment)γ-coin. ^{121,123,125}Ag; deduced levels, J, π, $T_{1/2}$. Comparison with shell model and systematics. JOUR ZAANE 42 407
^{125}Sn	2010RE01	NUCLEAR REACTIONS ^{232}Th(^{6}Li, X), E=45 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, particle spectra, (particle)γ-coin, (particle)γ-correlations using STARS Si array at LBNL and Ge detectors. ^{88}Br, ^{93}Rb, ^{95,98,99}Y, ^{99}Mo, ^{100}Tc, ^{121,123}In, ^{119,120,121,122,123,124,125,126,127}Sn, ^{123,125,127,131}Sb, ^{131}I, ^{132}Te, ^{134,136}Xe; measured isomer half-lives; deduced levels, J, π. Level systematics of neighboring Sn, Sb and In nuclides. JOUR PRVCA 81 014301
^{125}Sb	2010RE01	NUCLEAR REACTIONS ^{232}Th(^{6}Li, X), E=45 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, particle spectra, (particle)γ-coin, (particle)γ-correlations using STARS Si array at LBNL and Ge detectors. ^{88}Br, ^{93}Rb, ^{95,98,99}Y, ^{99}Mo, ^{100}Tc, ^{121,123}In, ^{119,120,121,122,123,124,125,126,127}Sn, ^{123,125,127,131}Sb, ^{131}I, ^{132}Te, ^{134,136}Xe; measured isomer half-lives; deduced levels, J, π. Level systematics of neighboring Sn, Sb and In nuclides. JOUR PRVCA 81 014301
	2010RE01	RADIOACTIVITY ^{121m,123m}In(IT), ^{125m}Sb(IT); measured Eγ, Iγ, $\gamma\gamma$-coin; deduced levels, J, π. ^{117}Cd, ^{128}Sb(β^-); measured Eγ. JOUR PRVCA 81 014301
^{125}Te	2009CH59	NUCLEAR REACTIONS ^{125}Te, ^{126}Te(^{58}Ni, ^{58}Ni'), E=195 MeV; measured Eγ, Iγ, $\gamma\gamma$-, γ(particle)-coin, $\gamma\gamma(\theta)$, and g factor. ^{125}Te; deduced levels, J, π, mixing ratios. Comparison with shell model and weak-coupling model calculations. ^{124}Te, ^{128}Te, ^{130}Te(^{58}Ni, ^{58}Ni'), E=195 MeV; measured Eγ. JOUR PRVCA 80 054301
	2009CH59	NUCLEAR MOMENTS ^{125}Te; measured g-factors of excited states using transient field technique in Coulomb excitation. ^{126}Te; used as a reference. Comparison with shell model and weak-coupling model calculations. JOUR PRVCA 80 054301
	2010WI10	NUCLEAR REACTIONS ^{125}Te(γ, γ), E not given; measured X-rays, time spectra; deduced nuclear resonance energy and $T_{1/2}$. JOUR EULEE 91 62001

A=125 *(continued)*

^{125}I	2010SI21	NUCLEAR REACTIONS ^{82}Se(^{48}Ca, 4np), E=205 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma(\theta)$ ratios using Gammasphere array. ^{125}I; deduced levels, J, π, bands, highly-deformed bands, multipolarities, and configurations. Comparison with cranked Nilsson-Strutinsky (CNS) calculations. JOUR PRVCA 82 034301
^{125}Xe	2008TAZI	NUCLEAR REACTIONS Pb(p, x), E=1, 1.4 GeV; Bi(p, x), E=1, 1.4 GeV; measured Eγ, Iγ, A(particle) using melted thick target at ISOLDE facility; ^{76,77,79,85,87,88,89,90}Kr, ^{111}Cd, ^{121,124,126}I, ^{120,121,122,123,125,127,129,131,133}Xe, ^{184,186,188,190,192,193,195,197,203,205,206}Hg, ^{204,205,206,207,208,209,210}At; deduced thick target yields temperature dependence 250-600 centigrade; calculated using FLUKA, MCNPX with INCL4 / ABLA. CONF Nice (Nucl Data for Sci and Technol) Proc,P1069
^{125}Cs	2009PA49	NUCLEAR REACTIONS ^{238}U(p, X)^{122}Cs / ^{123}Cs / ^{124}Cs / ^{125}Cs / ^{126}Cs / ^{127}Cs / ^{128}Cs / ^{129}Cs / ^{130}Cs / ^{132}Cs / ^{138}Cs / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{143}Cs / ^{144}Cs / ^{145}Cs / ^{146}Cs / ^{147}Cs / ^{148}Cs / ^{202}Fr / ^{203}Fr / ^{204}Fr / ^{205}Fr / ^{206}Fr / ^{207}Fr / ^{208}Fr / ^{209}Fr / ^{210}Fr / ^{211}Fr / ^{212}Fr / ^{213}Fr / ^{214}Fr / ^{218}Fr / ^{219}Fr / ^{220}Fr / ^{221}Fr / ^{222}Fr / ^{223}Fr / ^{224}Fr / ^{225}Fr / ^{226}Fr / ^{227}Fr / ^{228}Fr, E=1 GeV; measured fission and spallation yields from different mass targets; deduced effect of target size. JOUR ZAANE 42 495

A=126

^{126}Rh	2010OH02	NUCLEAR REACTIONS Be, Pb(^{238}U, F), E=345 MeV / nucleon; measured yields of fission fragments. Z=20-56, A=52-152; measured yields. ^{71}Mn, ^{73,74}Fe, ^{76}Co, ^{79}Ni, ^{81,82}Cu, ^{84,85}Zn, ^{87}Ga, ^{90}Ge, ^{95}Se, ^{98}Br, ^{101}Kr, ^{103}Rb, ^{106,107}Sr, ^{108,109}Y, ^{111,112}Zr, ^{114,115}Nb, ^{115,116,117}Mo, ^{119,120}Tc, ^{121,122,123,124}Ru, ^{123,124,125,126}Rh, ^{127,128}Pd, ^{133}Cd, ^{138}Sn, ^{140}Sb, ^{143}Te, ^{145}I, ^{148}Xe, ^{152}Ba; measured yields and cross sections, identified new isotopes using RI beam factory at RIKEN, ΔE-TOF-Bρ method. JOUR JUPSA 79 073201
^{126}Cd	2008KRZV	NUCLEAR REACTIONS ^{9}Be(^{56}Ti, n)^{55}Ti, E=high; measured Eγ, Iγ, $\gamma\gamma$-coin, E(fragment); deduced momentum transfer, ground=state single-particle structure; ^{122,124,126}Cd, ^{138,140,142,144}Xe(γ, γ'); measured Coulomb excitation Eγ, Iγ, (particle)γ-coin; deduced B(E2). Compared to other data and systematics. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P96
	2010BR02	ATOMIC MASSES ^{112,114,115,116,117,118,119,120,121,122,123,124}Ag, ^{114,120,122,123,124,126,128}Cd; measured cyclotron frequencies relative to ^{133}Cs, and mass excesses using ISOLTRAP Penning trap spectrometer; deduced excitation energies of the isomers; evaluated mass excesses; two-neutron separate energies, and proton-neutron interaction strength δV_{pn}. Comparison with previous data and AME-2003. JOUR PRVCA 81 034313

A=126 ***(continued)***

^{126}Sn	2008STZP	NUCLEAR REACTIONS ^{120}Sn(^{67}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; ^{120}Sn(^{69}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; ^{120}Sn(^{71}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; ^{120}Sn(^{73}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; ^{104}Pd(^{67}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; ^{104}Pd(^{69}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; ^{104}Pd(^{71}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; ^{104}Pd(^{73}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; measured Cu Coulomb excitation Eγ, Iγ(θ), $\gamma\gamma$-coin; deduced E, J, π, B(E2). CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P671
	2010FE02	RADIOACTIVITY ^{126}Sn, ^{126}Sb(β^-); measured Eγ, Iγ; deduced absolute and relative photon emission, energy levels, Kβ / Kα intensity ratio for Sb x-rays. JOUR ARISE 68 1571
	2010IL01	NUCLEAR REACTIONS ^{9}Be(^{238}U, F), E=750 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives. ^{126}Sn; deduced levels, J, π, g factor. Comparison with shell model calculations and adjacent isotope systematics. JOUR PYLBB 687 305
	2010RE01	NUCLEAR REACTIONS ^{232}Th(^{6}Li, X), E=45 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, particle spectra, (particle)γ-coin, (particle)γ-correlations using STARS Si array at LBNL and Ge detectors. ^{88}Br, ^{93}Rb, ^{95,98,99}Y, ^{99}Mo, ^{100}Tc, ^{121,123}In, ^{119,120,121,122,123,124,125,126,127}Sn, ^{123,125,127,131}Sb, ^{131}I, ^{132}Te, ^{134,136}Xe; measured isomer half-lives; deduced levels, J, π. Level systematics of neighboring Sn, Sb and In nuclides. JOUR PRVCA 81 014301
^{126}Sb	2010FE02	RADIOACTIVITY ^{126}Sn, ^{126}Sb(β^-); measured Eγ, Iγ; deduced absolute and relative photon emission, energy levels, Kβ / Kα intensity ratio for Sb x-rays. JOUR ARISE 68 1571
^{126}Te	2009CH59	NUCLEAR REACTIONS ^{125}Te, ^{126}Te(^{58}Ni, ^{58}Ni'), E=195 MeV; measured Eγ, Iγ, $\gamma\gamma$-, γ(particle)-coin, $\gamma\gamma(\theta)$, and g factor. ^{125}Te; deduced levels, J, π, mixing ratios. Comparison with shell model and weak-coupling model calculations. ^{124}Te, ^{128}Te, ^{130}Te(^{58}Ni, ^{58}Ni'), E=195 MeV; measured Eγ. JOUR PRVCA 80 054301
	2009CH59	NUCLEAR MOMENTS ^{125}Te; measured g-factors of excited states using transient field technique in Coulomb excitation. ^{126}Te; used as a reference. Comparison with shell model and weak-coupling model calculations. JOUR PRVCA 80 054301
	2010BL06	NUCLEAR REACTIONS ^{128,130}Te(p, t), E=23 MeV; measured triton spectra, $\sigma(\theta)$. ^{126,128}Te; deduced levels, L-transfers. Split-pole magnetic spectrograph and gas-filled focal plane detector. Comparison with data for ^{128,130}Te(^{3}He, n) reactions. Relevance to calculation of the matrix element for neutrinoless double-β decay of ^{130}Te. JOUR PRVCA 82 027308
	2010BLZY	NUCLEAR REACTIONS ^{128,130}Te(p, t), E=23 MeV; measured triton spectra, $\sigma(\theta)$. ^{126,128}Te; deduced levels. Split-pole magnetic spectrograph and gas-filled focal plane detector. Comparison with previous data. PREPRINT Bloxham,6/22/2010
	2010FE02	RADIOACTIVITY ^{126}Sn, ^{126}Sb(β^-); measured Eγ, Iγ; deduced absolute and relative photon emission, energy levels, Kβ / Kα intensity ratio for Sb x-rays. JOUR ARISE 68 1571

A=126 *(continued)*

^{126}I	2008TAZI	NUCLEAR REACTIONS Pb(p, x), E=1, 1.4 GeV; Bi(p, x), E=1, 1.4 GeV; measured Eγ, Iγ, A(particle) using melted thick target at ISOLDE facility; ^{76,77,79,85,87,88,89,90}Kr, ^{111}Cd, ^{121,124,126}I, ^{120,121,122,123,125,127,129,131,133}Xe, ^{184,186,188,190,192,193,195,197,203,205,206}Hg, ^{204,205,206,207,208,209,210}At; deduced thick target yields temperature dependence 250-600 centigrade; calculated using FLUKA, MCNPX with INCL4 / ABLA. CONF Nice (Nucl Data for Sci and Technol) Proc,P1069
^{126}Cs	2009PA49	NUCLEAR REACTIONS ^{238}U(p, X)^{122}Cs / ^{123}Cs / ^{124}Cs / ^{125}Cs / ^{126}Cs / ^{127}Cs / ^{128}Cs / ^{129}Cs / ^{130}Cs / ^{132}Cs / ^{138}Cs / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{143}Cs / ^{144}Cs / ^{145}Cs / ^{146}Cs / ^{147}Cs / ^{148}Cs / ^{202}Fr / ^{203}Fr / ^{204}Fr / ^{205}Fr / ^{206}Fr / ^{207}Fr / ^{208}Fr / ^{209}Fr / ^{210}Fr / ^{211}Fr / ^{212}Fr / ^{213}Fr / ^{214}Fr / ^{218}Fr / ^{219}Fr / ^{220}Fr / ^{221}Fr / ^{222}Fr / ^{223}Fr / ^{224}Fr / ^{225}Fr / ^{226}Fr / ^{227}Fr / ^{228}Fr, E=1 GeV; measured fission and spallation yields from different mass targets; deduced effect of target size. JOUR ZAANE 42 495

A=127

^{127}Pd	2010OH02	NUCLEAR REACTIONS Be, Pb(^{238}U, F), E=345 MeV / nucleon; measured yields of fission fragments. Z=20-56, A=52-152; measured yields. ^{71}Mn, ^{73,74}Fe, ^{76}Co, ^{79}Ni, ^{81,82}Cu, ^{84,85}Zn, ^{87}Ga, ^{90}Ge, ^{95}Se, ^{98}Br, ^{101}Kr, ^{103}Rb, ^{106,107}Sr, ^{108,109}Y, ^{111,112}Zr, ^{114,115}Nb, ^{115,116,117}Mo, ^{119,120}Tc, ^{121,122,123,124}Ru, ^{123,124,125,126}Rh, ^{127,128}Pd, ^{133}Cd, ^{138}Sn, ^{140}Sb, ^{143}Te, ^{145}I, ^{148}Xe, ^{152}Ba; measured yields and cross sections, identified new isotopes using RI beam factory at RIKEN, ΔE-TOF-Bρ method. JOUR JUPSA 79 073201
^{127}Cd	2010NA17	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X), E=750 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin, and isomer half-life by γ(t). ^{127}Cd; deduced levels, J, π, multipolarity and transition strengths. Comparison with large-scale shell-model calculations. JOUR PRVCA 82 034323
^{127}Sn	2010AT03	NUCLEAR REACTIONS Be(^{136}Xe, X)^{127}Sn / ^{128}Sn, E=600 MeV / nucleon; measured reaction products, Larmor precession, Eγ, Iγ; deduced g factors for Sn isomers, J, π. Comparison with shell model calculations. JOUR EULEE 91 42001
	2010RE01	NUCLEAR REACTIONS ^{232}Th(^{6}Li, X), E=45 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, particle spectra, (particle)γ-coin, (particle)γ-correlations using STARS Si array at LBNL and Ge detectors. ^{88}Br, ^{93}Rb, ^{95,98,99}Y, ^{99}Mo, ^{100}Tc, ^{121,123}In, ^{119,120,121,122,123,124,125,126,127}Sn, ^{123,125,127,131}Sb, ^{131}I, ^{132}Te, ^{134,136}Xe; measured isomer half-lives; deduced levels, J, π. Level systematics of neighboring Sn, Sb and In nuclides. JOUR PRVCA 81 014301
^{127}Sb	2009WA24	NUCLEAR REACTIONS ^{176}Yb, ^{176}Lu, ^{186}W(^{136}Xe, X)^{127}Sb, E=6.0-6.2 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma(\theta)$, γ(t), $T_{1/2}$ using Gammasphere array. ^{127}Sb; deduced levels, J, π, $T_{1/2}$, δ, B(E2), B(E3), B(M2), internal conversion coefficients. Comparison with shell model and systematics for adjacent isotopes. JOUR ZAANE 42 163

A=127 ***(continued)***

	2010RE01	NUCLEAR REACTIONS ^{232}Th(^{6}Li, X), E=45 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, particle spectra, (particle)γ-coin, (particle)γ-correlations using STARS Si array at LBNL and Ge detectors. ^{88}Br, ^{93}Rb, ^{95,98,99}Y, ^{99}Mo, ^{100}Tc, ^{121,123}In, ^{119,120,121,122,123,124,125,126,127}Sn, ^{123,125,127,131}Sb, ^{131}I, ^{132}Te, ^{134,136}Xe; measured isomer half-lives; deduced levels, J, π. Level systematics of neighboring Sn, Sb and In nuclides. JOUR PRVCA 81 014301
^{127}Te	2009ZH37	NUCLEAR REACTIONS ^{93}Nb, ^{122,128}Te(n, 2n)^{92m}Nb / ^{121}Te / ^{121m}Te / ^{127}Te / ^{127m}Te / , E=14 MeV; measured Eγ, Iγ and σ by activation method relative to that for ^{93}Nb(n, 2n)^{92m}Nb reaction; analyzed σ for ^{121g}Te and ^{127g}Te by considering effects of population of isomeric states. JOUR PRVCA 80 054615
^{127}I	2009MA70	NUCLEAR REACTIONS ^{13}C(α, γ), (α, n), E=2.000, 2.270 MeV; measured Eγ, Iγ, $\gamma(\theta)$, En, σ, and $\sigma(\theta)$; deduced astrophysical S factors. Comparison with previous experimental data. ^{27}Al, ^{127}I, ^{206,207,208}Pb(n, n'), E=3.5-4.4 MeV; ^{127}I(n, γ), E=10.1-11.3 MeV; measured Eγ. JOUR PRVCA 80 065802
^{127}Xe	2008TAZI	NUCLEAR REACTIONS Pb(p, x), E=1, 1.4 GeV; Bi(p, x), E=1, 1.4 GeV; measured Eγ, Iγ, A(particle) using melted thick target at ISOLDE facility; ^{76,77,79,85,87,88,89,90}Kr, ^{111}Cd, ^{121,124,126}I, ^{120,121,122,123,125,127,129,131,133}Xe, ^{184,186,188,190,192,193,195,197,203,205,206}Hg, ^{204,205,206,207,208,209,210}At; deduced thick target yields temperature dependence 250-600 centigrade; calculated using FLUKA, MCNPX with INCL4 / ABLA. CONF Nice (Nucl Data for Sci and Technol) Proc,P1069
^{127}Cs	2009PA49	NUCLEAR REACTIONS ^{238}U(p, X)^{122}Cs / ^{123}Cs / ^{124}Cs / ^{125}Cs / ^{126}Cs / ^{127}Cs / ^{128}Cs / ^{129}Cs / ^{130}Cs / ^{132}Cs / ^{138}Cs / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{143}Cs / ^{144}Cs / ^{145}Cs / ^{146}Cs / ^{147}Cs / ^{148}Cs / ^{202}Fr / ^{203}Fr / ^{204}Fr / ^{205}Fr / ^{206}Fr / ^{207}Fr / ^{208}Fr / ^{209}Fr / ^{210}Fr / ^{211}Fr / ^{212}Fr / ^{213}Fr / ^{214}Fr / ^{218}Fr / ^{219}Fr / ^{220}Fr / ^{221}Fr / ^{222}Fr / ^{223}Fr / ^{224}Fr / ^{225}Fr / ^{226}Fr / ^{227}Fr / ^{228}Fr, E=1 GeV; measured fission and spallation yields from different mass targets; deduced effect of target size. JOUR ZAANE 42 495
^{127}Ce	2009PA40	NUCLEAR REACTIONS ^{100}Mo(^{32}S, 5n), (^{34}S, 5n), E=155 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin using Euroball and Eurogam arrays. ^{127,129}Ce; deduced levels, J, π, bands, and configurations. Comparison with cranked Woods-Saxon calculations, and with systematics of light odd-N cerium nuclei. JOUR PRVCA 80 054312

A=128

^{128}Pd	2010OH02	NUCLEAR REACTIONS Be, Pb(^{238}U, F), E=345 MeV / nucleon; measured yields of fission fragments. Z=20-56, A=52-152; measured yields. ^{71}Mn, ^{73,74}Fe, ^{76}Co, ^{79}Ni, ^{81,82}Cu, ^{84,85}Zn, ^{87}Ga, ^{90}Ge, ^{95}Se, ^{98}Br, ^{101}Kr, ^{103}Rb, ^{106,107}Sr, ^{108,109}Y, ^{111,112}Zr, ^{114,115}Nb, ^{115,116,117}Mo, ^{119,120}Tc, ^{121,122,123,124}Ru, ^{123,124,125,126}Rh, ^{127,128}Pd, ^{133}Cd, ^{138}Sn, ^{140}Sb, ^{143}Te, ^{145}I, ^{148}Xe, ^{152}Ba; measured yields and cross sections, identified new isotopes using RI beam factory at RIKEN, ΔE-TOF-Bρ method. JOUR JUPSA 79 073201
^{128}Cd	2010BR02	ATOMIC MASSES ^{112,114,115,116,117,118,119,120,121,122,123,124}Ag, ^{114,120,122,123,124,126,128}Cd; measured cyclotron frequencies relative to ^{133}Cs, and mass excesses using ISOLTRAP Penning trap spectrometer; deduced excitation energies of the isomers; evaluated mass excesses; two-neutron separate energies, and proton-neutron interaction strength δV_{pn}. Comparison with previous data and AME-2003. JOUR PRVCA 81 034313
^{128}Sn	2010AT03	NUCLEAR REACTIONS Be(^{136}Xe, X)^{127}Sn / ^{128}Sn, E=600 MeV / nucleon; measured reaction products, Larmor precession, Eγ, Iγ; deduced g factors for Sn isomers, J, π. Comparison with shell model calculations. JOUR EULEE 91 42001
^{128}Sb	2010RE01	RADIOACTIVITY ^{121m,123m}In(IT), ^{125m}Sb(IT); measured Eγ, Iγ, $\gamma\gamma$-coin; deduced levels, J, π. ^{117}Cd, ^{128}Sb(β^-); measured Eγ. JOUR PRVCA 81 014301
^{128}Te	2009CH59	NUCLEAR REACTIONS ^{125}Te, ^{126}Te(^{58}Ni, ^{58}Ni'), E=195 MeV; measured Eγ, Iγ, $\gamma\gamma$-, γ(particle)-coin, $\gamma\gamma(\theta)$, and g factor. ^{125}Te; deduced levels, J, π, mixing ratios. Comparison with shell model and weak-coupling model calculations. ^{124}Te, ^{128}Te, ^{130}Te(^{58}Ni, ^{58}Ni'), E=195 MeV; measured Eγ. JOUR PRVCA 80 054301
	2010BL06	NUCLEAR REACTIONS ^{128,130}Te(p, t), E=23 MeV; measured triton spectra, $\sigma(\theta)$. ^{126,128}Te; deduced levels, L-transfers. Split-pole magnetic spectrograph and gas-filled focal plane detector. Comparison with data for ^{128,130}Te(^{3}He, n) reactions. Relevance to calculation of the matrix element for neutrinoless double-β decay of ^{130}Te. JOUR PRVCA 82 027308
	2010BLZY	NUCLEAR REACTIONS ^{128,130}Te(p, t), E=23 MeV; measured triton spectra, $\sigma(\theta)$. ^{126,128}Te; deduced levels. Split-pole magnetic spectrograph and gas-filled focal plane detector. Comparison with previous data. PREPRINT Bloxham,6/22/2010
	2010DA03	NUCLEAR REACTIONS ^{238}U(^{18}O, F)Sr / Zr / Mo / Ru / Pd / Cd / Sn / Te / Xe / Ba / Ce / Nd / Sm, E=100 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, fission fragment mass distribution and yields of Sr (A=90-96), Zr (A=96-102), Mo (A=98-108), Ru (A=104-112), Pd (A=108-116), Cd (A=114-122), Sn (A=116-128), Te (A=124-134), Xe (A=130-138), Ba (A=136-144), Ce (A=142-148), Nd (A=146-152) and Sm (A=150-158) using INGA array. Discussed effect of nuclear structure in the dynamical evolution of fissioning nucleus. ^{128}Te; measured Eγ and $\gamma\gamma$-coin. JOUR PRVCA 81 014311

A=128 ***(continued)***

	2010MAZU	NUCLEAR REACTIONS ^{119,129}Te(γ, n), E=12, 14, 16, 18 MeV bremsstrahlung; measured isomeric ratio yields with activation method. ^{119m,g,129m,g}Te; deduced Y_m / Y_g. CONF St.-Petersburg,P157,Mazur
	2010RE01	RADIOACTIVITY ^{121m,123m}In(IT), ^{125m}Sb(IT); measured Eγ, Iγ, $\gamma\gamma$-coin; deduced levels, J, π. ^{117}Cd, ^{128}Sb(β^-); measured Eγ. JOUR PRVCA 81 014301
	2010ZU02	RADIOACTIVITY ^{106,114,116}Cd, ^{120,128,130}Te, ^{64}Zn(2β); measured Ee, Ie; deduced $T_{1/2}$. JOUR PPNPD 64 267
^{128}I	2008RAZZ	NUCLEAR REACTIONS ^{129}I(γ, n), E≈0-30 MeV; measured Eγ, Iγ; deduced ^{128}I σ, yield. CONF Nice (Nucl Data for Sci and Technol) Proc,P529
	2009MA70	NUCLEAR REACTIONS ^{13}C(α, γ), (α, n), E=2.000, 2.270 MeV; measured Eγ, Iγ, $\gamma(\theta)$, En, σ, and $\sigma(\theta)$; deduced astrophysical S factors. Comparison with previous experimental data. ^{27}Al, ^{127}I, ^{206,207,208}Pb(n, n'), E=3.5-4.4 MeV; ^{127}I(n, γ), E=10.1-11.3 MeV; measured Eγ. JOUR PRVCA 80 065802
	2009ZH51	NUCLEAR REACTIONS ^{124}Sn(^{7}Li, 3n)^{128}I, E=25, 28, 42 MeV; measured Eγ, Iγ, γ-γ-coin.; deduced high-spin states, level scheme, J, π, energies, σ. JOUR CPCHC 33 s01 179
	2010WA27	NUCLEAR REACTIONS ^{124}Sn(^{7}Li, 3n), E=28, 32 MeV; measured Eγ, Iγ, γ-γ-coin.; deduced high spin states, J, π, level scheme. JOUR CPLEE 27 082701
^{128}Xe	2009CO24	NUCLEAR REACTIONS ^{12}C(^{128}Xe, ^{128}Xe'), E=404 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, and γ-ray yields in Coulomb excitation using Gammasphere array. ^{128}Xe; deduced levels, J, π, B(E2), and B(E2) ratios. Tested validity of E(5) symmetry. JOUR PRVCA 80 061304
^{128}Cs	2009PA49	NUCLEAR REACTIONS ^{238}U(p, X)^{122}Cs / ^{123}Cs / ^{124}Cs / ^{125}Cs / ^{126}Cs / ^{127}Cs / ^{128}Cs / ^{129}Cs / ^{130}Cs / ^{132}Cs / ^{138}Cs / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{143}Cs / ^{144}Cs / ^{145}Cs / ^{146}Cs / ^{147}Cs / ^{148}Cs / ^{202}Fr / ^{203}Fr / ^{204}Fr / ^{205}Fr / ^{206}Fr / ^{207}Fr / ^{208}Fr / ^{209}Fr / ^{210}Fr / ^{211}Fr / ^{212}Fr / ^{213}Fr / ^{214}Fr / ^{218}Fr / ^{219}Fr / ^{220}Fr / ^{221}Fr / ^{222}Fr / ^{223}Fr / ^{224}Fr / ^{225}Fr / ^{226}Fr / ^{227}Fr / ^{228}Fr, E=1 GeV; measured fission and spallation yields from different mass targets; deduced effect of target size. JOUR ZAANE 42 495

A=129

^{129}Sb	2010VI01	NUCLEAR REACTIONS ^{235}U, ^{239}Pu(γ, F)^{90}Rb / ^{129}Sb / ^{130}Sb / ^{132}Sb / ^{131}Te / ^{133}Te / ^{134}I / ^{136}I / ^{135}Xe, E=9.6, 9.8 MeV; measured reaction products; deduced isomeric yields, angular momenta. JOUR BRSPE 74 500

A=129 *(continued)*

^{129}Xe	2008TAZI	NUCLEAR REACTIONS Pb(p, x), E=1, 1.4 GeV; Bi(p, x), E=1, 1.4 GeV; measured Eγ, Iγ, A(particle) using melted thick target at ISOLDE facility; ^{76,77,79,85,87,88,89,90}Kr, ^{111}Cd, ^{121,124,126}I, ^{120,121,122,123,125,127,129,131,133}Xe, ^{184,186,188,190,192,193,195,197,203,205,206}Hg, ^{204,205,206,207,208,209,210}At; deduced thick target yields temperature dependence 250-600 centigrade; calculated using FLUKA, MCNPX with INCL4 / ABLA. CONF Nice (Nucl Data for Sci and Technol) Proc,P1069
^{129}Cs	2009PA49	NUCLEAR REACTIONS ^{238}U(p, X)^{122}Cs / ^{123}Cs / ^{124}Cs / ^{125}Cs / ^{126}Cs / ^{127}Cs / ^{128}Cs / ^{129}Cs / ^{130}Cs / ^{132}Cs / ^{138}Cs / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{143}Cs / ^{144}Cs / ^{145}Cs / ^{146}Cs / ^{147}Cs / ^{148}Cs / ^{202}Fr / ^{203}Fr / ^{204}Fr / ^{205}Fr / ^{206}Fr / ^{207}Fr / ^{208}Fr / ^{209}Fr / ^{210}Fr / ^{211}Fr / ^{212}Fr / ^{213}Fr / ^{214}Fr / ^{218}Fr / ^{219}Fr / ^{220}Fr / ^{221}Fr / ^{222}Fr / ^{223}Fr / ^{224}Fr / ^{225}Fr / ^{226}Fr / ^{227}Fr / ^{228}Fr, E=1 GeV; measured fission and spallation yields from different mass targets; deduced effect of target size. JOUR ZAANE 42 495
	2010TA12	NUCLEAR REACTIONS Ba(p, X)^{132}La / ^{135}La / ^{131}Ba / ^{133}Ba / ^{135}Ba / ^{129}Cs / ^{132}Cs / ^{134}Cs / ^{136}Cs, E=30-70 MeV; measured Eγ, Iγ; deduced σ, integral yields. Comparison with other data and EMPIRE and ALICE-IPPE codes. JOUR ARISE 68 1869
	2010WA01	NUCLEAR REACTIONS ^{124}Sn(^{11}B, 6n), E=65 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin.; deduced energy levels, negative and positive-parity bands, B(E2), transition quadrupole moments. Doppler shift attenuation method (DSAM). JOUR CPLEE 27 022101
^{129}Ce	2009LI67	NUCLEAR REACTIONS ^{96}Mo(^{37}Cl, 3np)^{129}Ce, E=155 MeV; measured Eγ, Iγ, γ-γ-coin.; deduced negative-parity bands, $T_{1/2}$, quadrupole moments. JOUR CPCHC 33 s01 212
	2009PA40	NUCLEAR REACTIONS ^{100}Mo(^{32}S, 5n), (^{34}S, 5n), E=155 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin using Euroball and Eurogam arrays. ^{127,129}Ce; deduced levels, J, π, bands, and configurations. Comparison with cranked Woods-Saxon calculations, and with systematics of light odd-N cerium nuclei. JOUR PRVCA 80 054312

A=130

^{130}Cd	2008PFZZ	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, x)^{130}Cd, E=750 MeV / nucleon; ^{9}Be(^{238}U, f), E=650 MeV / nucleon; measured Z(fragment), A(fragment), Eγ, Iγ(t), (fragment)γ-coin; ^{130}Cd deduced E, J, π, isomer decay $T_{1/2}$. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P557
^{130}Sb	2010VI01	NUCLEAR REACTIONS ^{235}U, ^{239}Pu(γ, F)^{90}Rb / ^{129}Sb / ^{130}Sb / ^{132}Sb / ^{131}Te / ^{133}Te / ^{134}I / ^{136}I / ^{135}Xe, E=9.6, 9.8 MeV; measured reaction products; deduced isomeric yields, angular momenta. JOUR BRSPE 74 500

A=130 *(continued)*

^{130}Te	2009CH59	NUCLEAR REACTIONS ^{125}Te, ^{126}Te(^{58}Ni, ^{58}Ni'), E=195 MeV; measured Eγ, Iγ, $\gamma\gamma$-, γ(particle)-coin, $\gamma\gamma(\theta)$, and g factor. ^{125}Te; deduced levels, J, π, mixing ratios. Comparison with shell model and weak-coupling model calculations. ^{124}Te, ^{128}Te, ^{130}Te(^{58}Ni, ^{58}Ni'), E=195 MeV; measured Eγ. JOUR PRVCA 80 054301
	2009DA25	RADIOACTIVITY ^{48}Ca, ^{82}Se, ^{96}Zr, ^{100}Mo, ^{116}Cd, ^{130}Te, ^{150}Nd(2β); measured $T_{1/2}$ for zero / two-neutrino 2β-decay events; deduced effective neutrino mass. JOUR NUPAB 827 495c
	2010SI06	RADIOACTIVITY ^{100}Mo, ^{82}Se, ^{116}Cd, ^{150}Nd, ^{96}Zr, ^{48}Ca, ^{130}Te(2β^-); measured Ee, Ie; deduced $T_{1/2}$. JOUR PPNPD 64 270
	2010ZU02	RADIOACTIVITY ^{106,114,116}Cd, ^{120,128,130}Te, ^{64}Zn(2β); measured Ee, Ie; deduced $T_{1/2}$. JOUR PPNPD 64 267
^{130}I	2008BEZL	NUCLEAR REACTIONS ^{129}I(n, γ), E=thermal; measured Eγ, Iγ; deduced σ, branching isomer / ground state. CONF Nice (Nucl Data for Sci and Technol) Proc,P631
	2008BEZL	RADIOACTIVITY ^{130}I(β^-)[from ^{129}I(n, γ)]; measured Eγ, Iγ; deduced decay constant isomer, ground state. CONF Nice (Nucl Data for Sci and Technol) Proc,P631
^{130}Xe	2008BEZL	RADIOACTIVITY ^{130}I(β^-)[from ^{129}I(n, γ)]; measured Eγ, Iγ; deduced decay constant isomer, ground state. CONF Nice (Nucl Data for Sci and Technol) Proc,P631
	2008LEZK	NUCLEAR REACTIONS Mg(p, ^{3}He), E=14.7-1600 MeV; Al(p, ^{3}He), E=41.5-397 MeV; Si(p, ^{3}He), E=31.3-1600 MeV; Pb(p, ^{3}He), E=44.2-2595 MeV; Bi(p, ^{3}He), E=102-2589 MeV; Bi(p, α), E=102-2589 MeV; Bi(p, x)^{82}Kr, E=102-2589 MeV; Bi(p, x)^{85}Kr, E=102-2589 MeV; Bi(p, x)^{130}Xe, E=102-2589 MeV; Bi(p, x)^{131}Xe, E=102-2589 MeV; measured He, Kr, Xe using cryogenic traps; deduced He, Kr, Xe σ; calculated σ using INCL4 / ABLA code. Compared to other measurements of similar kind done by the same group. CONF Nice (Nucl Data for Sci and Technol) Proc,P1061
	2009BEZP	RADIOACTIVITY ^{130}Cs(β^+)[from ^{126}Te(^{7}Li, 3n)]; measured Eγ, Iγ, $\gamma\gamma(\theta)$-coin.; deduced mixing ratio. Compared with earlier calculations of the same authors using Nuclear Pair Shell Model. CONF Cologne (Capture Gamma-Ray Spectroscopy) Proc,P567,Bettermann
	2010CO09	NUCLEAR REACTIONS ^{12}C(^{130}Xe, ^{130}Xe'), E=409 MeV; ^{12}C(^{132}Xe, ^{132}Xe'), E=414 MeV; measured Eγ, Iγ, and σ using Gammasphere array. ^{130}Xe, ^{132}Xe; deduced J, π, B(E2), B(M1), and one-phonon mixed symmetry 2+ states. Projectile Coulomb excitation. Systematics of level energies and B(M1) strengths of one-phonon mixed symmetry states in even-even ^{124}-^{134}Xe nuclei. JOUR PRVCA 82 024317
	2010SI06	RADIOACTIVITY ^{100}Mo, ^{82}Se, ^{116}Cd, ^{150}Nd, ^{96}Zr, ^{48}Ca, ^{130}Te(2β^-); measured Ee, Ie; deduced $T_{1/2}$. JOUR PPNPD 64 270
^{130}Cs	2009BEZP	RADIOACTIVITY ^{130}Cs(β^+)[from ^{126}Te(^{7}Li, 3n)]; measured Eγ, Iγ, $\gamma\gamma(\theta)$-coin.; deduced mixing ratio. Compared with earlier calculations of the same authors using Nuclear Pair Shell Model. CONF Cologne (Capture Gamma-Ray Spectroscopy) Proc,P567,Bettermann

A=130 *(continued)*

2009PA49 NUCLEAR REACTIONS ^{238}U(p, X)^{122}Cs / ^{123}Cs / ^{124}Cs / ^{125}Cs / ^{126}Cs / ^{127}Cs / ^{128}Cs / ^{129}Cs / ^{130}Cs / ^{132}Cs / ^{138}Cs / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{143}Cs / ^{144}Cs / ^{145}Cs / ^{146}Cs / ^{147}Cs / ^{148}Cs / ^{202}Fr / ^{203}Fr / ^{204}Fr / ^{205}Fr / ^{206}Fr / ^{207}Fr / ^{208}Fr / ^{209}Fr / ^{210}Fr / ^{211}Fr / ^{212}Fr / ^{213}Fr / ^{214}Fr / ^{218}Fr / ^{219}Fr / ^{220}Fr / ^{221}Fr / ^{222}Fr / ^{223}Fr / ^{224}Fr / ^{225}Fr / ^{226}Fr / ^{227}Fr / ^{228}Fr, E=1 GeV; measured fission and spallation yields from different mass targets; deduced effect of target size. JOUR ZAANE 42 495

2009WA32 NUCLEAR REACTIONS ^{124}Sn(^{11}B, 5n)^{130}Cs, E=65 MeV; measured Eγ, Iγ, γ-γ-coin.; deduced high-spin states, B(E2), B(M1), yrast and chiral bands. JOUR CPCHC 33 s01 173

A=131

^{131}In 2009GO40 NUCLEAR REACTIONS Be(^{136}Xe, X)^{131}In, E=750 MeV / nucleon; Be(^{238}U, X)^{131}In, E=750 MeV / nucleon; measured Eγ, Iγ; deduced high-spin isomer $T_{1/2}$, B(E1), B(E2), B(M1) limits, J, π, level scheme. Shell model calculations, RISIND-FRS setup. JOUR PYLBB 672 313

^{131}Sn 2008CIZZ NUCLEAR REACTIONS ^{2}H(^{82}Ge, p), E≈4-5 MeV / nucleon; ^{2}H(^{84}Se, p), E≈4-5 MeV / nucleon; ^{2}H(^{130}Sn, p), E≈4-5 MeV / nucleon; ^{2}H(^{132}Sn, p), E≈4-5 MeV / nucleon; ^{2}H(^{134}Te, p), E≈4-5 MeV / nucleon; measured Ep, Ip(θ); deduced Q-values, E, J, π. Compared with NNDC tables. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P580

^{131}Sb 2010RE01 NUCLEAR REACTIONS ^{232}Th(^{6}Li, X), E=45 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, particle spectra, (particle)γ-coin, (particle)γ-correlations using STARS Si array at LBNL and Ge detectors. ^{88}Br, ^{93}Rb, ^{95,98,99}Y, ^{99}Mo, ^{100}Tc, ^{121,123}In, ^{119,120,121,122,123,124,125,126,127}Sn, ^{123,125,127,131}Sb, ^{131}I, ^{132}Te, ^{134,136}Xe; measured isomer half-lives; deduced levels, J, π. Level systematics of neighboring Sn, Sb and In nuclides. JOUR PRVCA 81 014301

^{131}Te 2010VI01 NUCLEAR REACTIONS ^{235}U, ^{239}Pu(γ, F)^{90}Rb / ^{129}Sb / ^{130}Sb / ^{132}Sb / ^{131}Te / ^{133}Te / ^{134}I / ^{136}I / ^{135}Xe, E=9.6, 9.8 MeV; measured reaction products; deduced isomeric yields, angular momenta. JOUR BRSPE 74 500

^{131}I 2010RE01 NUCLEAR REACTIONS ^{232}Th(^{6}Li, X), E=45 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, particle spectra, (particle)γ-coin, (particle)γ-correlations using STARS Si array at LBNL and Ge detectors. ^{88}Br, ^{93}Rb, ^{95,98,99}Y, ^{99}Mo, ^{100}Tc, ^{121,123}In, ^{119,120,121,122,123,124,125,126,127}Sn, ^{123,125,127,131}Sb, ^{131}I, ^{132}Te, ^{134,136}Xe; measured isomer half-lives; deduced levels, J, π. Level systematics of neighboring Sn, Sb and In nuclides. JOUR PRVCA 81 014301

A=131 ***(continued)***

^{131}Xe	2008LEZK	NUCLEAR REACTIONS Mg(p, ^{3}He), E=14.7-1600 MeV; Al(p, ^{3}He), E=41.5-397 MeV; Si(p, ^{3}He), E=31.3-1600 MeV; Pb(p, ^{3}He), E=44.2-2595 MeV; Bi(p, ^{3}He), E=102-2589 MeV; Bi(p, α), E=102-2589 MeV; Bi(p, x)^{82}Kr, E=102-2589 MeV; Bi(p, x)^{85}Kr, E=102-2589 MeV; Bi(p, x)^{130}Xe, E=102-2589 MeV; Bi(p, x)^{131}Xe, E=102-2589 MeV; measured He, Kr, Xe using cryogenic traps; deduced He, Kr, Xe σ; calculated σ using INCL4 / ABLA code. Compared to other measurements of similar kind done by the same group. CONF Nice (Nucl Data for Sci and Technol) Proc,P1061
	2008TAZI	NUCLEAR REACTIONS Pb(p, x), E=1, 1.4 GeV; Bi(p, x), E=1, 1.4 GeV; measured Eγ, Iγ, A(particle) using melted thick target at ISOLDE facility; ^{76,77,79,85,87,88,89,90}Kr, ^{111}Cd, ^{121,124,126}I, ^{120,121,122,123,125,127,129,131,133}Xe, ^{184,186,188,190,192,193,195,197,203,205,206}Hg, ^{204,205,206,207,208,209,210}At; deduced thick target yields temperature dependence 250-600 centigrade; calculated using FLUKA, MCNPX with INCL4 / ABLA. CONF Nice (Nucl Data for Sci and Technol) Proc,P1069
^{131}Ba	2008DIZT	NUCLEAR REACTIONS ^{102}Pd, ^{120}Te, ^{130,132}Ba, ^{156}Dy(n, γ), E$\approx$25 keV; measured Eγ, Iγ; deduced σ. Compared with MACS30 recommended values. CONF Nice (Nucl Data for Sci and Technol) Proc,P575
	2010DI01	NUCLEAR REACTIONS ^{102}Pd, ^{120}Te, ^{130}Ba, ^{132}Ba, ^{156}Dy, ^{197}Au(n, γ), E=0-120 keV; measured Eγ, Iγ, Maxwellian-averaged σ by activation technique; deduced reaction rates for p process. Comparison with standard Hauser-Feshbach models and with results from various reaction libraries including ENDF-B / VII.0. JOUR PRVCA 81 015801
	2010SI04	NUCLEAR REACTIONS ^{124}Sn(^{16}O, X)^{133}Ce / ^{134}Ce / ^{135}Ce / ^{133}La / ^{135}La / ^{131}Ba / ^{132}Ba / ^{133}Ba / ^{128,130,133}Xe / ^{131}Cs / ^{127}I, E=6.3 MeV / nucleon; measured Eγ, Iγ; deduced spin distributions of evaporation residues formed in xn, pxn, αxn, αpxn and 2αxn reaction channels. JOUR PRVCA 81 027602
	2010TA12	NUCLEAR REACTIONS Ba(p, X)^{132}La / ^{135}La / ^{131}Ba / ^{133}Ba / ^{135}Ba / ^{129}Cs / ^{132}Cs / ^{134}Cs / ^{136}Cs, E=30-70 MeV; measured Eγ, Iγ; deduced σ, integral yields. Comparison with other data and EMPIRE and ALICE-IPPE codes. JOUR ARISE 68 1869

A=132

^{132}Sn	2008KOYY	RADIOACTIVITY ^{17}Ne; measured ToF versus field frequency; deduced isotope shift, mass mass excess, charge radius, halo nuclei; calculated mass excess, separation energy, proton, neutron density distribution using FMD; ^{38}Ca; ^{26}Al; ^{80}Zn;^{81}Zn;^{132}Sn;^{134}Sn; measured ToF versus frequency detuning; deduced Q-value, mass excess. Neutrons in ^{17}Ne spherical, protons cluster-like form. Results on CD only. CONF E.Lansing (NS2008),P20,Kowalska

A=132 ***(continued)***

	2010JO03	NUCLEAR REACTIONS ^{2}H(^{132}Sn, p)^{133}Sn, E=630 MeV; measured Ep, Ip;^{132}Sn; deduced proton $\sigma(\theta)$, Q-value spectrum, properties of single-particle states in ^{133}Sn, magic nature of ^{132}Sn, spectroscopic factors and configurations . DWBA and FRESCO calculations, U(p, F) fission secondary beams. JOUR NATUA 465 454
^{132}Sb	2010VI01	NUCLEAR REACTIONS ^{235}U, ^{239}Pu(γ, F)^{90}Rb / ^{129}Sb / ^{130}Sb / ^{132}Sb / ^{131}Te / ^{133}Te / ^{134}I / ^{136}I / ^{135}Xe, E=9.6, 9.8 MeV; measured reaction products; deduced isomeric yields, angular momenta. JOUR BRSPE 74 500
^{132}Te	2010AD13	NUCLEAR REACTIONS ^{232}Th(n, γ), (n, 2n), (n, F)^{99}Mo, ^{235,238}U(n, γ), (n, F)^{99}Mo / ^{132}Te / ^{133}I / ^{135}I / ^{135}Xe / ^{140}Ba / ^{143}Ce, E=thermal-1000 MeV [from ^{208}Pb(d, X), E=1.6 GeV spallation source]; measured Eγ, Iγ using HPGe detectors; deduced σ, reaction and transmutation rates. Comparison with simulations and TARC experimental data. JOUR ZAANE 43 159
	2010RE01	NUCLEAR REACTIONS ^{232}Th(^{6}Li, X), E=45 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, particle spectra, (particle)γ-coin, (particle)γ-correlations using STARS Si array at LBNL and Ge detectors. ^{88}Br, ^{93}Rb, ^{95,98,99}Y, ^{99}Mo, ^{100}Tc, ^{121,123}In, ^{119,120,121,122,123,124,125,126,127}Sn, ^{123,125,127,131}Sb, ^{131}I, ^{132}Te, ^{134,136}Xe; measured isomer half-lives; deduced levels, J, π. Level systematics of neighboring Sn, Sb and In nuclides. JOUR PRVCA 81 014301
^{132}Xe	2008JAZU	NUCLEAR REACTIONS ^{130}Te(^{9}Be, X), E=35-44 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{134,135,136}Ba, ^{132}Xe deduced σ; ^{132}Xe deduced levels, J, π; ^{132}Xe calculated levels, J, π using E(5) symmetry. Results on CD only. CONF E.Lansing (NS2008),P123,Jain
	2010CO09	NUCLEAR REACTIONS ^{12}C(^{130}Xe, ^{130}Xe'), E=409 MeV; ^{12}C(^{132}Xe, ^{132}Xe'), E=414 MeV; measured Eγ, Iγ, and σ using Gammasphere array. ^{130}Xe, ^{132}Xe; deduced J, π, B(E2), B(M1), and one-phonon mixed symmetry 2+ states. Projectile Coulomb excitation. Systematics of level energies and B(M1) strengths of one-phonon mixed symmetry states in even-even ^{124}-^{134}Xe nuclei. JOUR PRVCA 82 024317
^{132}Cs	2009PA49	NUCLEAR REACTIONS ^{238}U(p, X)^{122}Cs / ^{123}Cs / ^{124}Cs / ^{125}Cs / ^{126}Cs / ^{127}Cs / ^{128}Cs / ^{129}Cs / ^{130}Cs / ^{132}Cs / ^{138}Cs / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{143}Cs / ^{144}Cs / ^{145}Cs / ^{146}Cs / ^{147}Cs / ^{148}Cs / ^{202}Fr / ^{203}Fr / ^{204}Fr / ^{205}Fr / ^{206}Fr / ^{207}Fr / ^{208}Fr / ^{209}Fr / ^{210}Fr / ^{211}Fr / ^{212}Fr / ^{213}Fr / ^{214}Fr / ^{218}Fr / ^{219}Fr / ^{220}Fr / ^{221}Fr / ^{222}Fr / ^{223}Fr / ^{224}Fr / ^{225}Fr / ^{226}Fr / ^{227}Fr / ^{228}Fr, E=1 GeV; measured fission and spallation yields from different mass targets; deduced effect of target size. JOUR ZAANE 42 495
	2010RA09	NUCLEAR REACTIONS ^{89}Y, ^{90}Zr, ^{93}Nb, ^{133}Cs, ^{197}Au(γ, n), ^{99}Tc(γ, 3n), E<32 MeV; measured Eγ, Iγ; deduced σ and uncertainties. Bremsstrahlung photons. JOUR JNSTA 47 618
	2010TA12	NUCLEAR REACTIONS Ba(p, X)^{132}La / ^{135}La / ^{131}Ba / ^{133}Ba / ^{135}Ba / ^{129}Cs / ^{132}Cs / ^{134}Cs / ^{136}Cs, E=30-70 MeV; measured Eγ, Iγ; deduced σ, integral yields. Comparison with other data and EMPIRE and ALICE-IPPE codes. JOUR ARISE 68 1869

A=132 *(continued)*

^{132}Ba	2010PA02	NUCLEAR REACTIONS ^{134,136}Ba(p, t), E=25 MeV; measured E(t), I(t), $\sigma(\theta)$ using Q3D magnetic spectrometer. ^{132,134}Ba; deduced levels, J, π, relative 2-n transfer intensities, transition probabilities. Comparison with distorted-wave Born approximation (DWBA) calculations. Discussed validity of U(5) and U(6) symmetries of the IBA model. JOUR PRVCA 81 014304
	2010SI04	NUCLEAR REACTIONS ^{124}Sn(^{16}O, X)^{133}Ce / ^{134}Ce / ^{135}Ce / ^{133}La / ^{135}La / ^{131}Ba / ^{132}Ba / ^{133}Ba / ^{128,130,133}Xe / ^{131}Cs / ^{127}I, E=6.3 MeV / nucleon; measured Eγ, Iγ; deduced spin distributions of evaporation residues formed in xn, pxn, αxn, αpxn and 2αxn reaction channels. JOUR PRVCA 81 027602
^{132}La	2010TA12	NUCLEAR REACTIONS Ba(p, X)^{132}La / ^{135}La / ^{131}Ba / ^{133}Ba / ^{135}Ba / ^{129}Cs / ^{132}Cs / ^{134}Cs / ^{136}Cs, E=30-70 MeV; measured Eγ, Iγ; deduced σ, integral yields. Comparison with other data and EMPIRE and ALICE-IPPE codes. JOUR ARISE 68 1869
^{132}Ce	2008COZR	NUCLEAR REACTIONS ^{116}Sn(^{16}O, γ), E not given; measured Eγ, Iγ, $\gamma\gamma$-coin; deduced γ multiplicity; calculated γ multiplicity using BNV (Boltzmann-Nordheim-Vlasov). Abstract only. CONF E.Lansing (NS2008),P89,Corsi
	2009PE31	NUCLEAR REACTIONS ^{120}Sn(^{16}O, 4n), E=80 MeV; measured Eγ, Iγ, ce, eγ-, $\gamma\gamma$-coin, ICCs using OSIRIS-II array. ^{132}Ce; deduced levels, J, π, B(E3), B(M2), multipolarities. JOUR ZAANE 42 379

A=133

^{133}Cd	2010OH02	NUCLEAR REACTIONS Be, Pb(^{238}U, F), E=345 MeV / nucleon; measured yields of fission fragments. Z=20-56, A=52-152; measured yields. ^{71}Mn, ^{73,74}Fe, ^{76}Co, ^{79}Ni, ^{81,82}Cu, ^{84,85}Zn, ^{87}Ga, ^{90}Ge, ^{95}Se, ^{98}Br, ^{101}Kr, ^{103}Rb, ^{106,107}Sr, ^{108,109}Y, ^{111,112}Zr, ^{114,115}Nb, ^{115,116,117}Mo, ^{119,120}Tc, ^{121,122,123,124}Ru, ^{123,124,125,126}Rh, ^{127,128}Pd, ^{133}Cd, ^{138}Sn, ^{140}Sb, ^{143}Te, ^{145}I, ^{148}Xe, ^{152}Ba; measured yields and cross sections, identified new isotopes using RI beam factory at RIKEN, ΔE-TOF-Bρ method. JOUR JUPSA 79 073201
^{133}Sn	2008CIZZ	NUCLEAR REACTIONS ^{2}H(^{82}Ge, p), E$\approx$4-5 MeV / nucleon; ^{2}H(^{84}Se, p), E$\approx$4-5 MeV / nucleon; ^{2}H(^{130}Sn, p), E$\approx$4-5 MeV / nucleon; ^{2}H(^{132}Sn, p), E$\approx$4-5 MeV / nucleon; ^{2}H(^{134}Te, p), E$\approx$4-5 MeV / nucleon; measured Ep, Ip(θ); deduced Q-values, E, J, π. Compared with NNDC tables. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P580
	2010JO03	NUCLEAR REACTIONS ^{2}H(^{132}Sn, p)^{133}Sn, E=630 MeV; measured Ep, Ip;^{132}Sn; deduced proton $\sigma(\theta)$, Q-value spectrum, properties of single-particle states in ^{133}Sn, magic nature of ^{132}Sn, spectroscopic factors and configurations . DWBA and FRESCO calculations, U(p, F) fission secondary beams. JOUR NATUA 465 454
^{133}Sb	2010SU11	NUCLEAR REACTIONS ^{9}Be(^{238}U, F)^{133}Sb, E=411 MeV / nucleon; measured mass, survival time in FRS using IMS technique. ^{133}Sb; deduced isomeric level energy, $T_{1/2}$, J, π. JOUR PYLBB 688 294

A=133 ***(continued)***

^{133}Te	2010VI01	NUCLEAR REACTIONS ^{235}U, ^{239}Pu(γ, F)^{90}Rb / ^{129}Sb / ^{130}Sb / ^{132}Sb / ^{131}Te / ^{133}Te / ^{134}I / ^{136}I / ^{135}Xe, E=9.6, 9.8 MeV; measured reaction products; deduced isomeric yields, angular momenta. JOUR BRSPE 74 500
^{133}I	2010AD13	NUCLEAR REACTIONS ^{232}Th(n, γ), (n, 2n), (n, F)^{99}Mo, ^{235,238}U(n, γ), (n, F)^{99}Mo / ^{132}Te / ^{133}I / ^{135}I / ^{135}Xe / ^{140}Ba / ^{143}Ce, E=thermal-1000 MeV [from ^{208}Pb(d, X), E=1.6 GeV spallation source]; measured Eγ, Iγ using HPGe detectors; deduced σ, reaction and transmutation rates. Comparison with simulations and TARC experimental data. JOUR ZAANE 43 159
^{133}Xe	2008TAZI	NUCLEAR REACTIONS Pb(p, x), E=1, 1.4 GeV; Bi(p, x), E=1, 1.4 GeV; measured Eγ, Iγ, A(particle) using melted thick target at ISOLDE facility; ^{76,77,79,85,87,88,89,90}Kr, ^{111}Cd, ^{121,124,126}I, ^{120,121,122,123,125,127,129,131,133}Xe, ^{184,186,188,190,192,193,195,197,203,205,206}Hg, ^{204,205,206,207,208,209,210}At; deduced thick target yields temperature dependence 250-600 centigrade; calculated using FLUKA, MCNPX with INCL4 / ABLA. CONF Nice (Nucl Data for Sci and Technol) Proc,P1069
	2009SH42	NUCLEAR REACTIONS ^{12}C(^{238}U, X), E=1.45 GeV; measured Eγ, Iγ using EXOGAM array, fission fragments using VAMOS detector. ^{134}Xe; deduced levels, J, π. ^{100}Zr, ^{106,107,108,109}Ru, ^{133}Xe, ^{138}Xe; measured Eγ. Comparison with shell model calculations for Z>49, N<83 nuclei. JOUR PRVCA 80 051305
^{133}Cs	2009WA33	NUCLEAR REACTIONS ^{133}Cs(e, e), (e, e'), E=120 MeV; measured $\sigma(\theta)$. JOUR ZAANE 42 453
^{133}Ba	2008DIZT	NUCLEAR REACTIONS ^{102}Pd, ^{120}Te, ^{130,132}Ba, ^{156}Dy(n, γ), E≈25 keV; measured Eγ, Iγ; deduced σ. Compared with MACS30 recommended values. CONF Nice (Nucl Data for Sci and Technol) Proc,P575
	2010DI01	NUCLEAR REACTIONS ^{102}Pd, ^{120}Te, ^{130}Ba, ^{132}Ba, ^{156}Dy, ^{197}Au(n, γ), E=0-120 keV; measured Eγ, Iγ, Maxwellian-averaged σ by activation technique; deduced reaction rates for p process. Comparison with standard Hauser-Feshbach models and with results from various reaction libraries including ENDF-B / VII.0. JOUR PRVCA 81 015801
	2010SI04	NUCLEAR REACTIONS ^{124}Sn(^{16}O, X)^{133}Ce / ^{134}Ce / ^{135}Ce / ^{133}La / ^{135}La / ^{131}Ba / ^{132}Ba / ^{133}Ba / ^{128,130,133}Xe / ^{131}Cs / ^{127}I, E=6.3 MeV / nucleon; measured Eγ, Iγ; deduced spin distributions of evaporation residues formed in xn, pxn, αxn, αpxn and 2αxn reaction channels. JOUR PRVCA 81 027602
	2010TA12	NUCLEAR REACTIONS Ba(p, X)^{132}La / ^{135}La / ^{131}Ba / ^{133}Ba / ^{135}Ba / ^{129}Cs / ^{132}Cs / ^{134}Cs / ^{136}Cs, E=30-70 MeV; measured Eγ, Iγ; deduced σ, integral yields. Comparison with other data and EMPIRE and ALICE-IPPE codes. JOUR ARISE 68 1869
^{133}La	2010SI04	NUCLEAR REACTIONS ^{124}Sn(^{16}O, X)^{133}Ce / ^{134}Ce / ^{135}Ce / ^{133}La / ^{135}La / ^{131}Ba / ^{132}Ba / ^{133}Ba / ^{128,130,133}Xe / ^{131}Cs / ^{127}I, E=6.3 MeV / nucleon; measured Eγ, Iγ; deduced spin distributions of evaporation residues formed in xn, pxn, αxn, αpxn and 2αxn reaction channels. JOUR PRVCA 81 027602

A=133 *(continued)*

^{133}Ce	2010SI04	NUCLEAR REACTIONS ^{124}Sn(^{16}O, X)^{133}Ce / ^{134}Ce / ^{135}Ce / ^{133}La / ^{135}La / ^{131}Ba / ^{132}Ba / ^{133}Ba / ^{128,130,133}Xe / ^{131}Cs / ^{127}I, E=6.3 MeV / nucleon; measured Eγ, Iγ; deduced spin distributions of evaporation residues formed in xn, pxn, αxn, αpxn and 2αxn reaction channels. JOUR PRVCA 81 027602

A=134

^{134}Sn	2008KOYY	RADIOACTIVITY ^{17}Ne; measured ToF versus field frequency; deduced isotope shift, mass mass excess, charge radius, halo nuclei; calculated mass excess, separation energy, proton, neutron density distribution using FMD; ^{38}Ca; ^{26}Al; ^{80}Zn;^{81}Zn;^{132}Sn;^{134}Sn; measured ToF versus frequency detuning; deduced Q-value, mass excess. Neutrons in ^{17}Ne spherical, protons cluster-like form. Results on CD only. CONF E.Lansing (NS2008),P20,Kowalska
^{134}Sb	2008MAZL	RADIOACTIVITY ^{136}Sn, ^{136}Sb, ^{136}Te(β^-); measured β-delayed neutron decay, Eγ, Iγ; ^{134,135}Sb, ^{136}Te; deduced level energies, J, π, B(Eλ), $T_{1/2}$. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P263,Mach
^{134}I	2010VI01	NUCLEAR REACTIONS ^{235}U, ^{239}Pu(γ, F)^{90}Rb / ^{129}Sb / ^{130}Sb / ^{132}Sb / ^{131}Te / ^{133}Te / ^{134}I / ^{136}I / ^{135}Xe, E=9.6, 9.8 MeV; measured reaction products; deduced isomeric yields, angular momenta. JOUR BRSPE 74 500
^{134}Xe	2008PIZW	NUCLEAR REACTIONS ^{12}C(^{134}Xe, ^{134}Xe'), E=435 MeV; measured Eγ, Iγ, γ-γ-coin.; ^{134}Xe; deduced level energies, J, π, B(E2). CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P325,Pietralla
	2009SH42	NUCLEAR REACTIONS ^{12}C(^{238}U, X), E=1.45 GeV; measured Eγ, Iγ using EXOGAM array, fission fragments using VAMOS detector. ^{134}Xe; deduced levels, J, π. ^{100}Zr, ^{106,107,108,109}Ru, ^{133}Xe, ^{138}Xe; measured Eγ. Comparison with shell model calculations for Z>49, N<83 nuclei. JOUR PRVCA 80 051305
	2010RE01	NUCLEAR REACTIONS ^{232}Th(^{6}Li, X), E=45 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, particle spectra, (particle)γ-coin, (particle)γ-correlations using STARS Si array at LBNL and Ge detectors. ^{88}Br, ^{93}Rb, ^{95,98,99}Y, ^{99}Mo, ^{100}Tc, ^{121,123}In, ^{119,120,121,122,123,124,125,126,127}Sn, ^{123,125,127,131}Sb, ^{131}I, ^{132}Te, ^{134,136}Xe; measured isomer half-lives; deduced levels, J, π. Level systematics of neighboring Sn, Sb and In nuclides. JOUR PRVCA 81 014301
^{134}Cs	2010TA12	NUCLEAR REACTIONS Ba(p, X)^{132}La / ^{135}La / ^{131}Ba / ^{133}Ba / ^{135}Ba / ^{129}Cs / ^{132}Cs / ^{134}Cs / ^{136}Cs, E=30-70 MeV; measured Eγ, Iγ; deduced σ, integral yields. Comparison with other data and EMPIRE and ALICE-IPPE codes. JOUR ARISE 68 1869
^{134}Ba	2008JAZU	NUCLEAR REACTIONS ^{130}Te(^{9}Be, X), E=35-44 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{134,135,136}Ba, ^{132}Xe deduced σ; ^{132}Xe deduced levels, J, π; ^{132}Xe calculated levels, J, π using E(5) symmetry. Results on CD only. CONF E.Lansing (NS2008),P123,Jain

A=134 *(continued)*

	2010PA02	NUCLEAR REACTIONS ^{134,136}Ba(p, t), E=25 MeV; measured E(t), I(t), $\sigma(\theta)$ using Q3D magnetic spectrometer. ^{132,134}Ba; deduced levels, J, π, relative 2-n transfer intensities, transition probabilities. Comparison with distorted-wave Born approximation (DWBA) calculations. Discussed validity of U(5) and U(6) symmetries of the IBA model. JOUR PRVCA 81 014304
^{134}Ce	2010SI04	NUCLEAR REACTIONS ^{124}Sn(^{16}O, X)^{133}Ce / ^{134}Ce / ^{135}Ce / ^{133}La / ^{135}La / ^{131}Ba / ^{132}Ba / ^{133}Ba / ^{128,130,133}Xe / ^{131}Cs / ^{127}I, E=6.3 MeV / nucleon; measured Eγ, Iγ; deduced spin distributions of evaporation residues formed in xn, pxn, αxn, αpxn and 2αxn reaction channels. JOUR PRVCA 81 027602
^{134}Nd	2008LIZO	NUCLEAR REACTIONS ^{114}Cd(^{28}Si, 4nα), E=155 MeV; measured Eγ, Iγ(t); deduced high-spin states, B(E2); calculated high-spin states, B(E2) using IBM. Results on CD only. CONF E.Lansing (NS2008),P133,Lieder

A=135

^{135}Sb	2008MAZL	RADIOACTIVITY ^{136}Sn, ^{136}Sb, ^{136}Te(β^-); measured β-delayed neutron decay, Eγ, Iγ; ^{134,135}Sb, ^{136}Te; deduced level energies, J, π, B(Eλ), $T_{1/2}$. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P263,Mach
^{135}Te	2008CIZZ	NUCLEAR REACTIONS ^{2}H(^{82}Ge, p), E≈4-5 MeV / nucleon; ^{2}H(^{84}Se, p), E≈4-5 MeV / nucleon; ^{2}H(^{130}Sn, p), E≈4-5 MeV / nucleon; ^{2}H(^{132}Sn, p), E≈4-5 MeV / nucleon; ^{2}H(^{134}Te, p), E≈4-5 MeV / nucleon; measured Ep, Ip(θ); deduced Q-values, E, J, π. Compared with NNDC tables. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P580
	2009CIZY	NUCLEAR REACTIONS ^{2}H(^{134}Te, p), E≈5 MeV / nucleon; measured Ep, Ip, θ(p); deduced $\sigma(\theta)$, excitation energy spectrum. Preliminary. CONF Cologne (Capture Gamma-Ray Spectroscopy) Proc,P463,Cizewski
	2010GA26	NUCLEAR REACTIONS ^{232}Th, ^{238}U, ^{237}Np, ^{243}Am, ^{238}Cm(γ, F)^{135}Te / ^{135}I / ^{135}Xe, E<25 MeV; measured fission products, Eγ, Iγ; deduced fission fragment yields; calculated charge distribution and probabilities for A=137. JOUR PPNLA 7 415
	2010LI03	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$ using Gammasphere array. ^{135}Te, ^{136}I, ^{137}Xe, ^{138}Cs; deduced levels, J, π. Comparison with shell model calculations. JOUR PRVCA 81 014316
^{135}I	2010AD13	NUCLEAR REACTIONS ^{232}Th(n, γ), (n, 2n), (n, F)^{99}Mo, ^{235,238}U(n, γ), (n, F)^{99}Mo / ^{132}Te / ^{133}I / ^{135}I / ^{135}Xe / ^{140}Ba / ^{143}Ce, E=thermal-1000 MeV [from ^{208}Pb(d, X), E=1.6 GeV spallation source]; measured Eγ, Iγ using HPGe detectors; deduced σ, reaction and transmutation rates. Comparison with simulations and TARC experimental data. JOUR ZAANE 43 159

A=135 ***(continued)***

	2010GA26	NUCLEAR REACTIONS ^{232}Th, ^{238}U, ^{237}Np, ^{243}Am, ^{238}Cm(γ, F)^{135}Te / ^{135}I / ^{135}Xe, E<25 MeV; measured fission products, Eγ, Iγ; deduced fission fragment yields; calculated charge distribution and probabilities for A=137. JOUR PPNLA 7 415
	2010TH02	RADIOACTIVITY ^{135}I, ^{135}Xe(β^-) [from ^{233}U(γ, F), E=23.5 MeV]; measured reaction products, Eγ, Iγ; deduced decay scheme, isomeric ratio of fission. JOUR JRNCD 285 511
^{135}Xe	2010AD13	NUCLEAR REACTIONS ^{232}Th(n, γ), (n, 2n), (n, F)^{99}Mo, ^{235,238}U(n, γ), (n, F)^{99}Mo / ^{132}Te / ^{133}I / ^{135}I / ^{135}Xe / ^{140}Ba / ^{143}Ce, E=thermal-1000 MeV [from ^{208}Pb(d, X), E=1.6 GeV spallation source]; measured Eγ, Iγ using HPGe detectors; deduced σ, reaction and transmutation rates. Comparison with simulations and TARC experimental data. JOUR ZAANE 43 159
	2010GA26	NUCLEAR REACTIONS ^{232}Th, ^{238}U, ^{237}Np, ^{243}Am, ^{238}Cm(γ, F)^{135}Te / ^{135}I / ^{135}Xe, E<25 MeV; measured fission products, Eγ, Iγ; deduced fission fragment yields; calculated charge distribution and probabilities for A=137. JOUR PPNLA 7 415
	2010TH02	RADIOACTIVITY ^{135}I, ^{135}Xe(β^-) [from ^{233}U(γ, F), E=23.5 MeV]; measured reaction products, Eγ, Iγ; deduced decay scheme, isomeric ratio of fission. JOUR JRNCD 285 511
	2010VI01	NUCLEAR REACTIONS ^{235}U, ^{239}Pu(γ, F)^{90}Rb / ^{129}Sb / ^{130}Sb / ^{132}Sb / ^{131}Te / ^{133}Te / ^{134}I / ^{136}I / ^{135}Xe, E=9.6, 9.8 MeV; measured reaction products; deduced isomeric yields, angular momenta. JOUR BRSPE 74 500
^{135}Cs	2010GA21	NUCLEAR REACTIONS ^{237}Np(γ, F)^{135}Cs, ^{238}U(γ, F)^{140}La, ^{65}Cu(γ, n)^{64}Cu, E<25 MeV; measured reaction products, Eγ, Iγ; deduced isomer yield ratios. Comparison with calculation. JOUR PANUE 73 1477
	2010TH02	RADIOACTIVITY ^{135}I, ^{135}Xe(β^-) [from ^{233}U(γ, F), E=23.5 MeV]; measured reaction products, Eγ, Iγ; deduced decay scheme, isomeric ratio of fission. JOUR JRNCD 285 511
^{135}Ba	2008JAZU	NUCLEAR REACTIONS ^{130}Te(^{9}Be, X), E=35-44 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{134,135,136}Ba, ^{132}Xe deduced σ; ^{132}Xe deduced levels, J, π; ^{132}Xe calculated levels, J, π using E(5) symmetry. Results on CD only. CONF E.Lansing (NS2008),P123,Jain
	2010KU15	NUCLEAR REACTIONS ^{130}Te(^{9}Be, 4n), E=42.5 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, DCO, γ(lin pol). ^{135}Ba; deduced levels, J, π, multipolarity, bands, configurations, possible magnetic rotational band. Comparison with TAC calculations. JOUR PRVCA 81 067304
	2010TA12	NUCLEAR REACTIONS Ba(p, X)^{132}La / ^{135}La / ^{131}Ba / ^{133}Ba / ^{135}Ba / ^{129}Cs / ^{132}Cs / ^{134}Cs / ^{136}Cs, E=30-70 MeV; measured Eγ, Iγ; deduced σ, integral yields. Comparison with other data and EMPIRE and ALICE-IPPE codes. JOUR ARISE 68 1869
^{135}La	2010SI04	NUCLEAR REACTIONS ^{124}Sn(^{16}O, X)^{133}Ce / ^{134}Ce / ^{135}Ce / ^{133}La / ^{135}La / ^{131}Ba / ^{132}Ba / ^{133}Ba / ^{128,130,133}Xe / ^{131}Cs / ^{127}I, E=6.3 MeV / nucleon; measured Eγ, Iγ; deduced spin distributions of evaporation residues formed in xn, pxn, αxn, αpxn and 2αxn reaction channels. JOUR PRVCA 81 027602

A=135 *(continued)*

	2010TA12	NUCLEAR REACTIONS Ba(p, X)^{132}La / ^{135}La / ^{131}Ba / ^{133}Ba / ^{135}Ba / ^{129}Cs / ^{132}Cs / ^{134}Cs / ^{136}Cs, E=30-70 MeV; measured Eγ, Iγ; deduced σ, integral yields. Comparison with other data and EMPIRE and ALICE-IPPE codes. JOUR ARISE 68 1869
^{135}Ce	2010SI04	NUCLEAR REACTIONS ^{124}Sn(^{16}O, X)^{133}Ce / ^{134}Ce / ^{135}Ce / ^{133}La / ^{135}La / ^{131}Ba / ^{132}Ba / ^{133}Ba / ^{128,130,133}Xe / ^{131}Cs / ^{127}I, E=6.3 MeV / nucleon; measured Eγ, Iγ; deduced spin distributions of evaporation residues formed in xn, pxn, αxn, αpxn and 2αxn reaction channels. JOUR PRVCA 81 027602
^{135}Nd	2008MUZV	NUCLEAR REACTIONS ^{100}Mo(^{40}Ar, 5n), E=175 MeV; ^{100}Mo(^{40}Ar, 4n), E not given; measured Eγ, I$\gamma(\theta)$, $\gamma\gamma$-coin; deduced E, J, π, bands, B(M1), B(E2), yrast; calculated splitting of chiral bands using TAC (tilted-axis cranking) with RPA. Results on CD only. CONF E.Lansing (NS2008),P26,Mukhopadhyay

A=136

^{136}Sn	2008MAZL	RADIOACTIVITY ^{136}Sn, ^{136}Sb, ^{136}Te(β^-); measured β-delayed neutron decay, Eγ, Iγ; ^{134,135}Sb, ^{136}Te; deduced level energies, J, π, B(Eλ), $T_{1/2}$. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P263,Mach
^{136}Sb	2008MAZL	RADIOACTIVITY ^{136}Sn, ^{136}Sb, ^{136}Te(β^-); measured β-delayed neutron decay, Eγ, Iγ; ^{134,135}Sb, ^{136}Te; deduced level energies, J, π, B(Eλ), $T_{1/2}$. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P263,Mach
	2008SIZS	RADIOACTIVITY ^{136}Sb(β^-)[from ^{241}Pu(n, f), E=thermal]; measured delayed Eγ, Iγ, E(ce), x-rays; deduced E, J, π, B(E2); ^{105,107}Mo, ^{107}Tc(β^-)[from ^{248}Cm(SF)]; measured Eγ, Iγ, E(ce); deduced E, J, π, isomer decay, bands; calculated E, J, π, isomeric transition using standard BCS. The Sb data compared to calculations of Corragio. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P71
^{136}Te	2008MAZL	RADIOACTIVITY ^{136}Sn, ^{136}Sb, ^{136}Te(β^-); measured β-delayed neutron decay, Eγ, Iγ; ^{134,135}Sb, ^{136}Te; deduced level energies, J, π, B(Eλ), $T_{1/2}$. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P263,Mach
	2008SIZS	RADIOACTIVITY ^{136}Sb(β^-)[from ^{241}Pu(n, f), E=thermal]; measured delayed Eγ, Iγ, E(ce), x-rays; deduced E, J, π, B(E2); ^{105,107}Mo, ^{107}Tc(β^-)[from ^{248}Cm(SF)]; measured Eγ, Iγ, E(ce); deduced E, J, π, isomer decay, bands; calculated E, J, π, isomeric transition using standard BCS. The Sb data compared to calculations of Corragio. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P71
^{136}I	2008MAZL	RADIOACTIVITY ^{136}Sn, ^{136}Sb, ^{136}Te(β^-); measured β-delayed neutron decay, Eγ, Iγ; ^{134,135}Sb, ^{136}Te; deduced level energies, J, π, B(Eλ), $T_{1/2}$. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P263,Mach

A=136 ***(continued)***

	2010LI03	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$ using Gammasphere array. ^{135}Te, ^{136}I, ^{137}Xe, ^{138}Cs; deduced levels, J, π. Comparison with shell model calculations. JOUR PRVCA 81 014316
	2010VI01	NUCLEAR REACTIONS ^{235}U, ^{239}Pu(γ, F)^{90}Rb / ^{129}Sb / ^{130}Sb / ^{132}Sb / ^{131}Te / ^{133}Te / ^{134}I / ^{136}I / ^{135}Xe, E=9.6, 9.8 MeV; measured reaction products; deduced isomeric yields, angular momenta. JOUR BRSPE 74 500
^{136}Xe	2008SAZL	NUCLEAR REACTIONS ^{136}Xe, ^{138}Ba, ^{140}Ce, ^{142}Nd, ^{144}Sm(γ, γ'), (α, $\alpha\gamma$), E<100 MeV;measured reaction products; ^{136}Xe, ^{138}Ba, ^{140}Ce, ^{142}Nd, ^{144}Sm; deduced E1 strength distribution, B(E1). CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P345,Savran
	2009SAZW	NUCLEAR REACTIONS ^{136}Xe, ^{138}Ba, ^{140}Ce, ^{142}Nd, ^{144}Sm(γ, γ'), E≈2800-9000 keV; measured Eγ, Iγ, $\theta(\gamma)$ using S-DALINAC; deduced E, J, π, decay width, B(E1); calculated B(E1), fragmentation using QPM. Compared to data. CONF Cologne (Capture Gamma-Ray Spectroscopy) Proc,P486,Savran
	2010MC04	ATOMIC MASSES ^{136}Xe, ^{136}Ba; measured mass difference using high-resolution, deflection-type mass spectrometer; deduced $Q_{2\beta}$ for ^{136}Xe decay. Comparison with previous studies and AME-2003. JOUR PRVCA 82 024603
	2010MC04	RADIOACTIVITY ^{136}Xe($2\beta^-$); measured mass difference of ^{136}Xe and ^{136}Ba using high-resolution, deflection-type mass spectrometer; deduced Q value. Comparison with previous studies and AME-2003. JOUR PRVCA 82 024603
	2010RE01	NUCLEAR REACTIONS ^{232}Th(^{6}Li, X), E=45 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, particle spectra, (particle)γ-coin, (particle)γ-correlations using STARS Si array at LBNL and Ge detectors. ^{88}Br, ^{93}Rb, ^{95,98,99}Y, ^{99}Mo, ^{100}Tc, ^{121,123}In, ^{119,120,121,122,123,124,125,126,127}Sn, ^{123,125,127,131}Sb, ^{131}I, ^{132}Te, ^{134,136}Xe; measured isomer half-lives; deduced levels, J, π. Level systematics of neighboring Sn, Sb and In nuclides. JOUR PRVCA 81 014301
^{136}Cs	2010TA12	NUCLEAR REACTIONS Ba(p, X)^{132}La / ^{135}La / ^{131}Ba / ^{133}Ba / ^{135}Ba / ^{129}Cs / ^{132}Cs / ^{134}Cs / ^{136}Cs, E=30-70 MeV; measured Eγ, Iγ; deduced σ, integral yields. Comparison with other data and EMPIRE and ALICE-IPPE codes. JOUR ARISE 68 1869
^{136}Ba	2008JAZU	NUCLEAR REACTIONS ^{130}Te(^{9}Be, X), E=35-44 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{134,135,136}Ba, ^{132}Xe deduced σ; ^{132}Xe deduced levels, J, π; ^{132}Xe calculated levels, J, π using E(5) symmetry. Results on CD only. CONF E.Lansing (NS2008),P123,Jain
	2008MUZU	NUCLEAR REACTIONS ^{136}Ba(n, n'γ), E=2.2-3.9 MeV; measured $\sigma(\theta)$; deduced mixed-symmetry state at 2.129 MeV. Abstract only. CONF E.Lansing (NS2008),P146,Mukhopadhyay
	2009SCZZ	NUCLEAR REACTIONS ^{136}Ba(n, n'γ), E=2.2-3.9 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin.; deduced E, J, π, B(E2), B(M1) transition strengths, rotational bands, branching ratios, mixing ratio, multiphonon states, half-life. E and B(M1) compared to near-by nuclei data from literature. CONF Cologne (Capture Gamma-Ray Spectroscopy) Proc,P253,Scheck

A=136 *(continued)*

	2010MC04	ATOMIC MASSES ^{136}Xe, ^{136}Ba; measured mass difference using high-resolution, deflection-type mass spectrometer; deduced $Q_{2\beta}$ for ^{136}Xe decay. Comparison with previous studies and AME-2003. JOUR PRVCA 82 024603
	2010MC04	RADIOACTIVITY ^{136}Xe($2\beta^-$); measured mass difference of ^{136}Xe and ^{136}Ba using high-resolution, deflection-type mass spectrometer; deduced Q value. Comparison with previous studies and AME-2003. JOUR PRVCA 82 024603
^{136}La	2010BH08	NUCLEAR REACTIONS ^{130}Te(^{11}B, 5nγ)^{136}La, E=52 MeV; ^{130}Te(^{12}C, xn)^{137}Cs / ^{138}Cs, E=63 MeV; measured Eγ, Iγ, γ-γ, γ-γ-γ-coin.; deduced level scheme, J, π, bands, B(M1). Comparison with tilted axis cranking calculations. JOUR PRAMC 75 25
^{136}Nd	2008MUZV	NUCLEAR REACTIONS ^{100}Mo(^{40}Ar, 5n), E=175 MeV; ^{100}Mo(^{40}Ar, 4n), E not given; measured Eγ, I$\gamma(\theta)$, $\gamma\gamma$-coin; deduced E, J, π, bands, B(M1), B(E2), yrast; calculated splitting of chiral bands using TAC (tilted-axis cranking) with RPA. Results on CD only. CONF E.Lansing (NS2008),P26,Mukhopadhyay

A=137

^{137}Te	2009RZ02	NUCLEAR REACTIONS ^{235}U, ^{242}Am(n, F)^{137}Te / ^{142}Cs / ^{144}Cs, E=thermal; measured ionic charge distribution of fragments, Eγ, Iγ, ce, γ(ce)-, delayed γ(fragments)-, delayed (ce)(fragments)-coin using LOHENGRIN fragment separator. ^{142,144}Cs; deduced levels and isomer half-lives. JOUR PRVCA 80 064317
^{137}Xe	2010LI03	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$ using Gammasphere array. ^{135}Te, ^{136}I, ^{137}Xe, ^{138}Cs; deduced levels, J, π. Comparison with shell model calculations. JOUR PRVCA 81 014316
	2010LI03	NUCLEAR MOMENTS ^{137}Xe; measured g factor of a 15 / 2- state using integral perturbed angular correlation (IPAC) technique. JOUR PRVCA 81 014316
^{137}Cs	2010BH08	NUCLEAR REACTIONS ^{130}Te(^{11}B, 5nγ)^{136}La, E=52 MeV; ^{130}Te(^{12}C, xn)^{137}Cs / ^{138}Cs, E=63 MeV; measured Eγ, Iγ, γ-γ, γ-γ-γ-coin.; deduced level scheme, J, π, bands, B(M1). Comparison with tilted axis cranking calculations. JOUR PRAMC 75 25
	2010SE15	NUCLEAR REACTIONS ^{235,238}U, ^{239}Pu(n, F)^{99}Mo / ^{95}Zr / ^{137}Cs / ^{140}Ba / ^{141,143}Ce / ^{147}Nd, E=0.4-1.9 MeV; measured fission products; deduced fission product yields. Comparison with ENDF / B-VII.0 library, BIG TEN critical assembly. JOUR NDSBA 111 2891

A=138

^{138}Sn	2010OH02	NUCLEAR REACTIONS Be, Pb(^{238}U, F), E=345 MeV / nucleon; measured yields of fission fragments. Z=20-56, A=52-152; measured yields. ^{71}Mn, ^{73,74}Fe, ^{76}Co, ^{79}Ni, ^{81,82}Cu, ^{84,85}Zn, ^{87}Ga, ^{90}Ge, ^{95}Se, ^{98}Br, ^{101}Kr, ^{103}Rb, ^{106,107}Sr, ^{108,109}Y, ^{111,112}Zr, ^{114,115}Nb, ^{115,116,117}Mo, ^{119,120}Tc, ^{121,122,123,124}Ru, ^{123,124,125,126}Rh, ^{127,128}Pd, ^{133}Cd, ^{138}Sn, ^{140}Sb, ^{143}Te, ^{145}I, ^{148}Xe, ^{152}Ba; measured yields and cross sections, identified new isotopes using RI beam factory at RIKEN, ΔE-TOF-Bρ method. JOUR JUPSA 79 073201
^{138}Te	2010LI02	ATOMIC MASSES ^{85,86}As, ^{89}Se, ^{123}Ag, ^{138}Te, ^{140,141}I, ^{143}Xe, ^{221,222}At, ^{223}Rn, ^{228}Fr, ^{231}Ra; measured atomic mass using storage ring mass spectrometry. JOUR APOBB 41 511
^{138}Xe	2008KRZV	NUCLEAR REACTIONS ^{9}Be(^{56}Ti, n)^{55}Ti, E=high; measured Eγ, Iγ, $\gamma\gamma$-coin, E(fragment); deduced momentum transfer, ground=state single-particle structure; ^{122,124,126}Cd, ^{138,140,142,144}Xe(γ, γ'); measured Coulomb excitation Eγ, Iγ, (particle)γ-coin; deduced B(E2). Compared to other data and systematics. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P96
	2009SH42	NUCLEAR REACTIONS ^{12}C(^{238}U, X), E=1.45 GeV; measured Eγ, Iγ using EXOGAM array, fission fragments using VAMOS detector. ^{134}Xe; deduced levels, J, π. ^{100}Zr, ^{106,107,108,109}Ru, ^{133}Xe, ^{138}Xe; measured Eγ. Comparison with shell model calculations for Z>49, N<83 nuclei. JOUR PRVCA 80 051305
^{138}Cs	2009PA49	NUCLEAR REACTIONS ^{238}U(p, X)^{122}Cs / ^{123}Cs / ^{124}Cs / ^{125}Cs / ^{126}Cs / ^{127}Cs / ^{128}Cs / ^{129}Cs / ^{130}Cs / ^{132}Cs / ^{138}Cs / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{143}Cs / ^{144}Cs / ^{145}Cs / ^{146}Cs / ^{147}Cs / ^{148}Cs / ^{202}Fr / ^{203}Fr / ^{204}Fr / ^{205}Fr / ^{206}Fr / ^{207}Fr / ^{208}Fr / ^{209}Fr / ^{210}Fr / ^{211}Fr / ^{212}Fr / ^{213}Fr / ^{214}Fr / ^{218}Fr / ^{219}Fr / ^{220}Fr / ^{221}Fr / ^{222}Fr / ^{223}Fr / ^{224}Fr / ^{225}Fr / ^{226}Fr / ^{227}Fr / ^{228}Fr, E=1 GeV; measured fission and spallation yields from different mass targets; deduced effect of target size. JOUR ZAANE 42 495
	2010BH08	NUCLEAR REACTIONS ^{130}Te(^{11}B, 5nγ)^{136}La, E=52 MeV; ^{130}Te(^{12}C, xn)^{137}Cs / ^{138}Cs, E=63 MeV; measured Eγ, Iγ, γ-γ, γ-γ-γ-coin.; deduced level scheme, J, π, bands, B(M1). Comparison with tilted axis cranking calculations. JOUR PRAMC 75 25
	2010LI03	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$ using Gammasphere array. ^{135}Te, ^{136}I, ^{137}Xe, ^{138}Cs; deduced levels, J, π. Comparison with shell model calculations. JOUR PRVCA 81 014316
^{138}Ba	2008SAZL	NUCLEAR REACTIONS ^{136}Xe, ^{138}Ba, ^{140}Ce, ^{142}Nd, ^{144}Sm(γ, γ'), (α, $\alpha\gamma$), E<100 MeV;measured reaction products; ^{136}Xe, ^{138}Ba, ^{140}Ce, ^{142}Nd, ^{144}Sm; deduced E1 strength distribution, B(E1). CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P345,Savran
	2009SAZW	NUCLEAR REACTIONS ^{136}Xe, ^{138}Ba, ^{140}Ce, ^{142}Nd, ^{144}Sm(γ, γ'), E$\approx$2800-9000 keV; measured Eγ, Iγ, $\theta(\gamma)$ using S-DALINAC; deduced E, J, π, decay width, B(E1); calculated B(E1), fragmentation using QPM. Compared to data. CONF Cologne (Capture Gamma-Ray Spectroscopy) Proc,P486,Savran

A=138 *(continued)*

2010TO01 NUCLEAR REACTIONS ^{138}Ba(γ, γ), (γ, γ'), E $\approx$ below one-neutron separation energy; measured Eγ, Iγ; deduced σ, energy levels, B(E1), B(M1). Comparison with QPM calculations. JOUR PRLTA 104 072501

A=139

^{139}Cs 2009PA49 NUCLEAR REACTIONS ^{238}U(p, X)^{122}Cs / ^{123}Cs / ^{124}Cs / ^{125}Cs / ^{126}Cs / ^{127}Cs / ^{128}Cs / ^{129}Cs / ^{130}Cs / ^{132}Cs / ^{138}Cs / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{143}Cs / ^{144}Cs / ^{145}Cs / ^{146}Cs / ^{147}Cs / ^{148}Cs / ^{202}Fr / ^{203}Fr / ^{204}Fr / ^{205}Fr / ^{206}Fr / ^{207}Fr / ^{208}Fr / ^{209}Fr / ^{210}Fr / ^{211}Fr / ^{212}Fr / ^{213}Fr / ^{214}Fr / ^{218}Fr / ^{219}Fr / ^{220}Fr / ^{221}Fr / ^{222}Fr / ^{223}Fr / ^{224}Fr / ^{225}Fr / ^{226}Fr / ^{227}Fr / ^{228}Fr, E=1 GeV; measured fission and spallation yields from different mass targets; deduced effect of target size. JOUR ZAANE 42 495

2010LI24 RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ(θ), $\gamma\gamma$-coin. ^{139,142}Cs; deduced high-spin states, levels, J, π, bands, ICC, δ. ^{139}Cs calculated levels, J, π, δ using shell model. JOUR NUPAB 834 78c

^{139}La 2010MA40 NUCLEAR REACTIONS ^{139}La(γ, γ'), E=2-10 MeV; measured Eγ, Iγ; deduced levels, integrated cross section, branching ratios, partial widths, level densities as function of spin, and γ-intensity distributions. Comparison with calculations based on quasiparticle-random-phase approximation using an instantaneous-shape sampling (ISS-QRPA). JOUR PRVCA 82 024314

^{139}Ce 2010SI02 NUCLEAR REACTIONS Ce(d, X)^{139}Ce / ^{141}Ce / ^{143}Ce / ^{142}Pr, E=5-18.5 MeV; measured Eγ, Iγ; deduced σ. Comparison with TALYS calculations. JOUR RAACA 98 187

^{139}Nd 2008SUZQ NUCLEAR REACTIONS Ce(^{3}He, xn)^{139}Nd, E=36.9 MeV; ^{141}Pr(p, 3n), E=20, 45 MeV; measured Eγ, Iγ; deduced σ to ground and isomeric state; calculated σ using STAPRE. Compared to other data. CONF Nice (Nucl Data for Sci and Technol) Proc,P467

2009XU08 NUCLEAR REACTIONS ^{128}Te(^{16}O, 5n)^{139}Nd, E=90 MeV; measured Eγ, Iγ, γ-γ-coin.; deduced high-spin states, level scheme, J, π, collective bands. JOUR CPCHC 33 s01 185

^{139}Pm 2008DHZZ NUCLEAR REACTIONS ^{116}Cd(^{27}Al, 4n), E=120 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin; deduced ^{139}Pm E, J, π, quadrupole moment. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P489

2010ZH12 NUCLEAR REACTIONS ^{116}Cd(^{27}Al, 4n), E=120 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin., DCO; ^{139}Pm; deduced levels, J, π, bands, and possible magnetic rotational bands. JOUR CPCHC 34 456

A=140

^{140}Sb	2010OH02	NUCLEAR REACTIONS Be, Pb(^{238}U, F), E=345 MeV / nucleon; measured yields of fission fragments. Z=20-56, A=52-152; measured yields. ^{71}Mn, ^{73,74}Fe, ^{76}Co, ^{79}Ni, ^{81,82}Cu, ^{84,85}Zn, ^{87}Ga, ^{90}Ge, ^{95}Se, ^{98}Br, ^{101}Kr, ^{103}Rb, ^{106,107}Sr, ^{108,109}Y, ^{111,112}Zr, ^{114,115}Nb, ^{115,116,117}Mo, ^{119,120}Tc, ^{121,122,123,124}Ru, ^{123,124,125,126}Rh, ^{127,128}Pd, ^{133}Cd, ^{138}Sn, ^{140}Sb, ^{143}Te, ^{145}I, ^{148}Xe, ^{152}Ba; measured yields and cross sections, identified new isotopes using RI beam factory at RIKEN, ΔE-TOF-Bρ method. JOUR JUPSA 79 073201
^{140}I	2010LI02	ATOMIC MASSES ^{85,86}As, ^{89}Se, ^{123}Ag, ^{138}Te, ^{140,141}I, ^{143}Xe, ^{221,222}At, ^{223}Rn, ^{228}Fr, ^{231}Ra; measured atomic mass using storage ring mass spectrometry. JOUR APOBB 41 511
^{140}Xe	2008KRZV	NUCLEAR REACTIONS ^{9}Be(^{56}Ti, n)^{55}Ti, E=high; measured Eγ, Iγ, $\gamma\gamma$-coin, E(fragment); deduced momentum transfer, ground=state single-particle structure; ^{122,124,126}Cd, ^{138,140,142,144}Xe(γ, γ'); measured Coulomb excitation Eγ, Iγ, (particle)γ-coin; deduced B(E2). Compared to other data and systematics. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P96
^{140}Cs	2009PA49	NUCLEAR REACTIONS ^{238}U(p, X)^{122}Cs / ^{123}Cs / ^{124}Cs / ^{125}Cs / ^{126}Cs / ^{127}Cs / ^{128}Cs / ^{129}Cs / ^{130}Cs / ^{132}Cs / ^{138}Cs / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{143}Cs / ^{144}Cs / ^{145}Cs / ^{146}Cs / ^{147}Cs / ^{148}Cs / ^{202}Fr / ^{203}Fr / ^{204}Fr / ^{205}Fr / ^{206}Fr / ^{207}Fr / ^{208}Fr / ^{209}Fr / ^{210}Fr / ^{211}Fr / ^{212}Fr / ^{213}Fr / ^{214}Fr / ^{218}Fr / ^{219}Fr / ^{220}Fr / ^{221}Fr / ^{222}Fr / ^{223}Fr / ^{224}Fr / ^{225}Fr / ^{226}Fr / ^{227}Fr / ^{228}Fr, E=1 GeV; measured fission and spallation yields from different mass targets; deduced effect of target size. JOUR ZAANE 42 495
	2010LI10	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$ using Gammasphere array. ^{140}Cs; deduced levels, J, π, configurations. ^{107,108,109,110}Tc; measured Eγ. Comparison with level structure of ^{138}I and with systematics of N=85 isotones of ^{137}Te, ^{138}I, ^{139}Xe, ^{140}Cs, ^{141}Ba, ^{145}Nd, ^{146}Pm, ^{147}Sm, ^{148}Eu and ^{149}Gd. JOUR PRVCA 81 037302
^{140}Ba	2010AD13	NUCLEAR REACTIONS ^{232}Th(n, γ), (n, 2n), (n, F)^{99}Mo, ^{235,238}U(n, γ), (n, F)^{99}Mo / ^{132}Te / ^{133}I / ^{135}I / ^{135}Xe / ^{140}Ba / ^{143}Ce, E=thermal-1000 MeV [from ^{208}Pb(d, X), E=1.6 GeV spallation source]; measured Eγ, Iγ using HPGe detectors; deduced σ, reaction and transmutation rates. Comparison with simulations and TARC experimental data. JOUR ZAANE 43 159
	2010CH41	NUCLEAR REACTIONS ^{239}Pu(n, F)^{99}Mo / ^{95}Zr / ^{140}Ba / ^{144}Ce / ^{147}Nd, E=0.2-2 MeV; measured fission products; deduced fission product yields and its energy dependence. Comparison with ENDF / B-VII.0 library, LANL-ILRR measurements. JOUR NDSBA 111 2923
	2010SE15	NUCLEAR REACTIONS ^{235,238}U, ^{239}Pu(n, F)^{99}Mo / ^{95}Zr / ^{137}Cs / ^{140}Ba / ^{141,143}Ce / ^{147}Nd, E=0.4-1.9 MeV; measured fission products; deduced fission product yields. Comparison with ENDF / B-VII.0 library, BIG TEN critical assembly. JOUR NDSBA 111 2891

A=140 *(continued)*

^{140}La	2008IGZX	NUCLEAR REACTIONS ^{139}La(n, γ), E≈10-100 keV; ^{139}La(n, γ), E<00-650 keV; measured Eγ, Iγ; deduced capture σ. Compared to other data, JENDL-3.3, ENDF / B-VI, ENDF / B-VII. CONF Nice (Nucl Data for Sci and Technol) Proc,P1299
	2008TAZG	NUCLEAR REACTIONS ^{90,91,92,93,94,96}Zr(n, γ), ^{139}La(n, γ), E=1 eV-1 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin; deduced average σ, capture kernels; calculated ^{90,91,92,94,96}Zr, ^{139}La average σ; using n-TOF and JENDL-3.3 data. CONF Nice (Nucl Data for Sci and Technol) Proc,P1303
	2010CH01	NUCLEAR REACTIONS ^{197}Au, ^{139}La(n, γ), E=0.0536 eV; measured Eγ, Iγ; deduced σ. Comparison with ENDF / B-VII.0 and JENDL-3.3 libraries. JOUR RAACA 98 1
	2010CO02	NUCLEAR REACTIONS ^{197}Au, ^{151}Sm, Pb, ^{204,206,207,208}Pb, ^{209}Bi, ^{139}La, ^{232}Th, ^{24,25,26}Mg, ^{90,91,92,93,94,95,96}Zr, ^{186,187,188}Os, ^{233,234,235,236,238}U, ^{237}Np, ^{240}Pu, ^{241,243}Am, ^{245}Cm(n, γ), E=0.001-1 MeV; measured Eγ, Iγ, fission fragments; deduced σ. JOUR ARISE 68 643
	2010DI02	NUCLEAR REACTIONS ^{197}Au, ^{94}Zr, ^{64}Zn, ^{45}Sc, ^{139}La(n, γ), E=thermal; measured Eγ, Iγ; deduced shape of neutron flux, covariances. JOUR ARISE 68 592
	2010GA21	NUCLEAR REACTIONS ^{237}Np(γ, F)^{135}Cs, ^{238}U(γ, F)^{140}La, ^{65}Cu(γ, n)^{64}Cu, E<25 MeV; measured reaction products, Eγ, Iγ; deduced isomer yield ratios. Comparison with calculation. JOUR PANUE 73 1477
^{140}Ce	2008SAZL	NUCLEAR REACTIONS ^{136}Xe, ^{138}Ba, ^{140}Ce, ^{142}Nd, ^{144}Sm(γ, γ'), (α, $\alpha\gamma$), E<100 MeV;measured reaction products; ^{136}Xe, ^{138}Ba, ^{140}Ce, ^{142}Nd, ^{144}Sm; deduced E1 strength distribution, B(E1). CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P345,Savran
	2009ENZY	NUCLEAR REACTIONS ^{124}Sn, ^{140}Ce(α, α'γ), E=136 MeV; measured Eα, *I*a, Eγ, Iγ, $\alpha\gamma$-coin.; deduced σ, B(E1). Compared to (γ, γ') reactions. CONF Cologne (Capture Gamma-Ray Spectroscopy) Proc,P357,Endres
	2009KI25	RADIOACTIVITY ^{122}I, ^{140}Pr, ^{142}Pm(EC); measured $T_{1/2}$ of hydrogen-like ions; deduced squared neutrino mass difference. JOUR NUPAB 827 510c
	2009SAZW	NUCLEAR REACTIONS ^{136}Xe, ^{138}Ba, ^{140}Ce, ^{142}Nd, ^{144}Sm(γ, γ'), E≈2800-9000 keV; measured Eγ, Iγ, $\theta(\gamma)$ using S-DALINAC; deduced E, J, π, decay width, B(E1); calculated B(E1), fragmentation using QPM. Compared to data. CONF Cologne (Capture Gamma-Ray Spectroscopy) Proc,P486,Savran
	2010KU02	RADIOACTIVITY ^{205}Hg, ^{207}Tl(β^-) [from Be(^{208}Pb, X), E=750 MeV / nucleon];^{140}Pr, ^{142}Pm, ^{122}I(EC) [from Be(^{152}Sm, X), E=508 MeV / nucleon];measured time evolution of the Schottky noise, revolution frequencies; deduced decay rates, Q-values, time-dependent decay constant. JOUR APOBB 41 525
^{140}Pr	2009KI25	RADIOACTIVITY ^{122}I, ^{140}Pr, ^{142}Pm(EC); measured $T_{1/2}$ of hydrogen-like ions; deduced squared neutrino mass difference. JOUR NUPAB 827 510c

A=140 *(continued)*

	2009WI18	RADIOACTIVITY ^{140}Pm(β^+), (β^+EC) [from ^{140}Sm(β^+), (β^+EC), from ^{114}Cd(^{30}Si, 4n), E=130 MeV]; measured Eγ, Iγ, $\gamma\gamma$-coin, and $\gamma\gamma(\theta)$ using Yrast ball. ^{140}Nd; deduced levels, J, π, and mixing ratios. Low-lying mixed-symmetry states discussed. Comparisons with level systematics of ^{136}Ba and ^{138}Ce. JOUR PRVCA 80 054309
	2009WIZV	RADIOACTIVITY ^{140}Nd(EC)[from ^{140}Pm[from ^{140}Sm[from ^{114}Cd(^{30}Si, X)^{140}Sm, E=130 MeV]]]; measured Eγ, Iγ, $\theta(\gamma)$, $\gamma\gamma$-coin.; deduced multipole mixing ratios, M1 percentage. YRAST Ball array. CONF Cologne (Capture Gamma-Ray Spectroscopy) Proc,P268,Williams
	2010KU02	RADIOACTIVITY ^{205}Hg, ^{207}Tl(β^-) [from Be(^{208}Pb, X), E=750 MeV / nucleon];^{140}Pr, ^{142}Pm, ^{122}I(EC) [from Be(^{152}Sm, X), E=508 MeV / nucleon];measured time evolution of the Schottky noise, revolution frequencies; deduced decay rates, Q-values, time-dependent decay constant. JOUR APOBB 41 525
^{140}Nd	2008WEZW	RADIOACTIVITY ^{66}Ge; ^{68}Ge; ^{94}Zr; ^{120}Te; measured decay products; deduced B(E2), $T_{1/2}$; ^{140}Nd; measured Eγ, I$\gamma(\theta)$, $\gamma\gamma(\theta)$-coin; deduced E, J, π, mixed-symmetry states. Results on CD only. CONF E.Lansing (NS2008),P23,Werner
	2009WI18	RADIOACTIVITY ^{140}Pm(β^+), (β^+EC) [from ^{140}Sm(β^+), (β^+EC), from ^{114}Cd(^{30}Si, 4n), E=130 MeV]; measured Eγ, Iγ, $\gamma\gamma$-coin, and $\gamma\gamma(\theta)$ using Yrast ball. ^{140}Nd; deduced levels, J, π, and mixing ratios. Low-lying mixed-symmetry states discussed. Comparisons with level systematics of ^{136}Ba and ^{138}Ce. JOUR PRVCA 80 054309
	2009WIZV	RADIOACTIVITY ^{140}Nd(EC)[from ^{140}Pm[from ^{140}Sm[from ^{114}Cd(^{30}Si, X)^{140}Sm, E=130 MeV]]]; measured Eγ, Iγ, $\theta(\gamma)$, $\gamma\gamma$-coin.; deduced multipole mixing ratios, M1 percentage. YRAST Ball array. CONF Cologne (Capture Gamma-Ray Spectroscopy) Proc,P268,Williams
	2010GL05	NUCLEAR REACTIONS ^{140}Ce(^{3}He, 3n), E=19.8 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives by DSAM. ^{140}Nd; deduced levels, J, π, transition probabilities, phonon-mixed symmetry states. JOUR PRVCA 82 037302
	2010NA12	NUCLEAR REACTIONS ^{144}Sm(γ, n), (γ, p), (γ, α), E<20 MeV bremsstrahlung; measured Eγ, Iγ, yields, σ(E) using activation method. Comparison with Hauser-Feshbach statistical models calculations using NON-SMOKER code. JOUR PRVCA 81 055806
^{140}Pm	2009WI18	RADIOACTIVITY ^{140}Pm(β^+), (β^+EC) [from ^{140}Sm(β^+), (β^+EC), from ^{114}Cd(^{30}Si, 4n), E=130 MeV]; measured Eγ, Iγ, $\gamma\gamma$-coin, and $\gamma\gamma(\theta)$ using Yrast ball. ^{140}Nd; deduced levels, J, π, and mixing ratios. Low-lying mixed-symmetry states discussed. Comparisons with level systematics of ^{136}Ba and ^{138}Ce. JOUR PRVCA 80 054309
	2010WA37	NUCLEAR REACTIONS ^{126}Te(^{19}F, 5n), E=90 MeV; measured Eγ, Iγ, γ-γ-coin.; ^{140}Pm deduced energies, level scheme, yrast bands, J, π, multipolarities. Comparison with TRS calculations. JOUR JPGPE 37 125107

A=141

^{141}I	2010LI02	ATOMIC MASSES ^{85,86}As, ^{89}Se, ^{123}Ag, ^{138}Te, ^{140,141}I, ^{143}Xe, ^{221,222}At, ^{223}Rn, ^{228}Fr, ^{231}Ra; measured atomic mass using storage ring mass spectrometry. JOUR APOBB 41 511
^{141}Cs	2009PA49	NUCLEAR REACTIONS ^{238}U(p, X)^{122}Cs / ^{123}Cs / ^{124}Cs / ^{125}Cs / ^{126}Cs / ^{127}Cs / ^{128}Cs / ^{129}Cs / ^{130}Cs / ^{132}Cs / ^{138}Cs / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{143}Cs / ^{144}Cs / ^{145}Cs / ^{146}Cs / ^{147}Cs / ^{148}Cs / ^{202}Fr / ^{203}Fr / ^{204}Fr / ^{205}Fr / ^{206}Fr / ^{207}Fr / ^{208}Fr / ^{209}Fr / ^{210}Fr / ^{211}Fr / ^{212}Fr / ^{213}Fr / ^{214}Fr / ^{218}Fr / ^{219}Fr / ^{220}Fr / ^{221}Fr / ^{222}Fr / ^{223}Fr / ^{224}Fr / ^{225}Fr / ^{226}Fr / ^{227}Fr / ^{228}Fr, E=1 GeV; measured fission and spallation yields from different mass targets; deduced effect of target size. JOUR ZAANE 42 495
	2010LU02	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$ using Gammasphere. ^{141,144}Cs; deduced levels, J, p, conversion coefficients, multipolarities, bands, parity doublets, simplex structure, B(E1) / B(E2), dipole moment. Comparison with level structure of ^{143}Cs and with systematics of adjacent N=85-92 nuclei. ^{105,106,107,108}Tc; measured Eγ. JOUR NUPAB 838 1
^{141}Ce	2010SI02	NUCLEAR REACTIONS Ce(d, X)^{139}Ce / ^{141}Ce / ^{143}Ce / ^{142}Pr, E=5-18.5 MeV; measured Eγ, Iγ; deduced σ. Comparison with TALYS calculations. JOUR RAACA 98 187

A=142

^{142}Xe	2008KRZV	NUCLEAR REACTIONS ^{9}Be(^{56}Ti, n)^{55}Ti, E=high; measured Eγ, Iγ, $\gamma\gamma$-coin, E(fragment); deduced momentum transfer, ground=state single-particle structure; ^{122,124,126}Cd, ^{138,140,142,144}Xe(γ, γ'); measured Coulomb excitation Eγ, Iγ, (particle)γ-coin; deduced B(E2). Compared to other data and systematics. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P96
^{142}Cs	2009PA49	NUCLEAR REACTIONS ^{238}U(p, X)^{122}Cs / ^{123}Cs / ^{124}Cs / ^{125}Cs / ^{126}Cs / ^{127}Cs / ^{128}Cs / ^{129}Cs / ^{130}Cs / ^{132}Cs / ^{138}Cs / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{143}Cs / ^{144}Cs / ^{145}Cs / ^{146}Cs / ^{147}Cs / ^{148}Cs / ^{202}Fr / ^{203}Fr / ^{204}Fr / ^{205}Fr / ^{206}Fr / ^{207}Fr / ^{208}Fr / ^{209}Fr / ^{210}Fr / ^{211}Fr / ^{212}Fr / ^{213}Fr / ^{214}Fr / ^{218}Fr / ^{219}Fr / ^{220}Fr / ^{221}Fr / ^{222}Fr / ^{223}Fr / ^{224}Fr / ^{225}Fr / ^{226}Fr / ^{227}Fr / ^{228}Fr, E=1 GeV; measured fission and spallation yields from different mass targets; deduced effect of target size. JOUR ZAANE 42 495
	2009RZ02	RADIOACTIVITY ^{248}Cm, ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$, γ(t), and isomer half-lives using EUROGAM2 array. ^{142,144}Cs; deduced levels, J, π, bands, isomers and configurations. Comparison with quasiparticle rotor model (QPRM) calculations. JOUR PRVCA 80 064317
	2009RZ02	NUCLEAR REACTIONS ^{235}U, ^{242}Am(n, F)^{137}Te / ^{142}Cs / ^{144}Cs, E=thermal; measured ionic charge distribution of fragments, Eγ, Iγ, ce, γ(ce)-, delayed γ(fragments)-, delayed (ce)(fragments)-coin using LOHENGRIN fragment separator. ^{142,144}Cs; deduced levels and isomer half-lives. JOUR PRVCA 80 064317

A=142 ***(continued)***

	2010LI14	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$. ^{142}Cs; deduced levels, J, π, multipolarity, bands, B(E1), B(E2), electric dipole moments. ^{106,107}Tc; measured Eγ. Systematics of electric dipole moments for Xe (N=85-88), Cs (N=86-88), Ba (N=85-90), La (N=88, 90), Ce (N=86, 88, 90), Nd (N=86, 88, 90), Sm(N=86, 88). JOUR PRVCA 81 057304
	2010LI24	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, I$\gamma(\theta)$, $\gamma\gamma$-coin. ^{139,142}Cs; deduced high-spin states, levels, J, π, bands, ICC, δ. ^{139}Cs calculated levels, J, π, δ using shell model. JOUR NUPAB 834 78c
^{142}Pr	2010SI02	NUCLEAR REACTIONS Ce(d, X)^{139}Ce / ^{141}Ce / ^{143}Ce / ^{142}Pr, E=5-18.5 MeV; measured Eγ, Iγ; deduced σ. Comparison with TALYS calculations. JOUR RAACA 98 187
^{142}Nd	2008SAZL	NUCLEAR REACTIONS ^{136}Xe, ^{138}Ba, ^{140}Ce, ^{142}Nd, ^{144}Sm(γ, γ'), (α, $\alpha\gamma$), E<100 MeV;measured reaction products; ^{136}Xe, ^{138}Ba, ^{140}Ce, ^{142}Nd, ^{144}Sm; deduced E1 strength distribution, B(E1). CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P345,Savran
	2009KI25	RADIOACTIVITY ^{122}I, ^{140}Pr, ^{142}Pm(EC); measured $T_{1/2}$ of hydrogen-like ions; deduced squared neutrino mass difference. JOUR NUPAB 827 510c
	2009SAZW	NUCLEAR REACTIONS ^{136}Xe, ^{138}Ba, ^{140}Ce, ^{142}Nd, ^{144}Sm(γ, γ'), E≈2800-9000 keV; measured Eγ, Iγ, $\theta(\gamma)$ using S-DALINAC; deduced E, J, π, decay width, B(E1); calculated B(E1), fragmentation using QPM. Compared to data. CONF Cologne (Capture Gamma-Ray Spectroscopy) Proc,P486,Savran
	2010KU02	RADIOACTIVITY ^{205}Hg, ^{207}Tl(β^-) [from Be(^{208}Pb, X), E=750 MeV / nucleon];^{140}Pr, ^{142}Pm, ^{122}I(EC) [from Be(^{152}Sm, X), E=508 MeV / nucleon];measured time evolution of the Schottky noise, revolution frequencies; deduced decay rates, Q-values, time-dependent decay constant. JOUR APOBB 41 525
^{142}Pm	2009KI25	RADIOACTIVITY ^{122}I, ^{140}Pr, ^{142}Pm(EC); measured $T_{1/2}$ of hydrogen-like ions; deduced squared neutrino mass difference. JOUR NUPAB 827 510c
	2010KU02	RADIOACTIVITY ^{205}Hg, ^{207}Tl(β^-) [from Be(^{208}Pb, X), E=750 MeV / nucleon];^{140}Pr, ^{142}Pm, ^{122}I(EC) [from Be(^{152}Sm, X), E=508 MeV / nucleon];measured time evolution of the Schottky noise, revolution frequencies; deduced decay rates, Q-values, time-dependent decay constant. JOUR APOBB 41 525
^{142}Gd	2010MA20	RADIOACTIVITY ^{145,147}Er(ECp), (β^+p)[from ^{58}Ni(^{92}Mo, xn2p), E=383 MeV; measured Eγ, pγ-, $\gamma\gamma$-coin, half-lives. ^{144,146}Dy; deduced levels, J, π. ^{143,145}Dy, ^{146}Ho(ECp), (β^+p); measured pγ-coin, Eγ. JOUR PRVCA 81 047301

A=143

^{143}Te	2010OH02	NUCLEAR REACTIONS Be, Pb(^{238}U, F), E=345 MeV / nucleon; measured yields of fission fragments. Z=20-56, A=52-152; measured yields. ^{71}Mn, ^{73,74}Fe, ^{76}Co, ^{79}Ni, ^{81,82}Cu, ^{84,85}Zn, ^{87}Ga, ^{90}Ge, ^{95}Se, ^{98}Br, ^{101}Kr, ^{103}Rb, ^{106,107}Sr, ^{108,109}Y, ^{111,112}Zr, ^{114,115}Nb, ^{115,116,117}Mo, ^{119,120}Tc, ^{121,122,123,124}Ru, ^{123,124,125,126}Rh, ^{127,128}Pd, ^{133}Cd, ^{138}Sn, ^{140}Sb, ^{143}Te, ^{145}I, ^{148}Xe, ^{152}Ba; measured yields and cross sections, identified new isotopes using RI beam factory at RIKEN, ΔE-TOF-Bρ method. JOUR JUPSA 79 073201
^{143}Xe	2010LI02	ATOMIC MASSES ^{85,86}As, ^{89}Se, ^{123}Ag, ^{138}Te, ^{140,141}I, ^{143}Xe, ^{221,222}At, ^{223}Rn, ^{228}Fr, ^{231}Ra; measured atomic mass using storage ring mass spectrometry. JOUR APOBB 41 511
^{143}Cs	2009PA49	NUCLEAR REACTIONS ^{238}U(p, X)^{122}Cs / ^{123}Cs / ^{124}Cs / ^{125}Cs / ^{126}Cs / ^{127}Cs / ^{128}Cs / ^{129}Cs / ^{130}Cs / ^{132}Cs / ^{138}Cs / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{143}Cs / ^{144}Cs / ^{145}Cs / ^{146}Cs / ^{147}Cs / ^{148}Cs / ^{202}Fr / ^{203}Fr / ^{204}Fr / ^{205}Fr / ^{206}Fr / ^{207}Fr / ^{208}Fr / ^{209}Fr / ^{210}Fr / ^{211}Fr / ^{212}Fr / ^{213}Fr / ^{214}Fr / ^{218}Fr / ^{219}Fr / ^{220}Fr / ^{221}Fr / ^{222}Fr / ^{223}Fr / ^{224}Fr / ^{225}Fr / ^{226}Fr / ^{227}Fr / ^{228}Fr, E=1 GeV; measured fission and spallation yields from different mass targets; deduced effect of target size. JOUR ZAANE 42 495
^{143}Ce	2010AD13	NUCLEAR REACTIONS ^{232}Th(n, γ), (n, 2n), (n, F)^{99}Mo, ^{235,238}U(n, γ), (n, F)^{99}Mo / ^{132}Te / ^{133}I / ^{135}I / ^{135}Xe / ^{140}Ba / ^{143}Ce, E=thermal-1000 MeV [from ^{208}Pb(d, X), E=1.6 GeV spallation source]; measured Eγ, Iγ using HPGe detectors; deduced σ, reaction and transmutation rates. Comparison with simulations and TARC experimental data. JOUR ZAANE 43 159
	2010SI02	NUCLEAR REACTIONS Ce(d, X)^{139}Ce / ^{141}Ce / ^{143}Ce / ^{142}Pr, E=5-18.5 MeV; measured Eγ, Iγ; deduced σ. Comparison with TALYS calculations. JOUR RAACA 98 187
^{143}Pm	2010NA12	NUCLEAR REACTIONS ^{144}Sm(γ, n), (γ, p), (γ, α), E<20 MeV bremsstrahlung; measured Eγ, Iγ, yields, σ(E) using activation method. Comparison with Hauser-Feshbach statistical models calculations using NON-SMOKER code. JOUR PRVCA 81 055806
^{143}Sm	2010NA12	NUCLEAR REACTIONS ^{144}Sm(γ, n), (γ, p), (γ, α), E<20 MeV bremsstrahlung; measured Eγ, Iγ, yields, σ(E) using activation method. Comparison with Hauser-Feshbach statistical models calculations using NON-SMOKER code. JOUR PRVCA 81 055806
^{143}Dy	2010MA20	RADIOACTIVITY ^{145,147}Er(ECp), (β^+p)[from ^{58}Ni(^{92}Mo, xn2p), E=383 MeV; measured Eγ, pγ-, $\gamma\gamma$-coin, half-lives. ^{144,146}Dy; deduced levels, J, π. ^{143,145}Dy, ^{146}Ho(ECp), (β^+p); measured pγ-coin, Eγ. JOUR PRVCA 81 047301

A=144

^{144}Xe	2008KRZV	NUCLEAR REACTIONS ^{9}Be(^{56}Ti, n)^{55}Ti, E=high; measured Eγ, Iγ, $\gamma\gamma$-coin, E(fragment); deduced momentum transfer, ground=state single-particle structure; ^{122,124,126}Cd, ^{138,140,142,144}Xe(γ, γ'); measured Coulomb excitation Eγ, Iγ, (particle)γ-coin; deduced B(E2). Compared to other data and systematics. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P96
^{144}Cs	2008JOZW	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, γ-γ-γ-coin.; ^{144}Cs; deduced energy levels. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P395,Jones
	2009PA49	NUCLEAR REACTIONS ^{238}U(p, X)^{122}Cs / ^{123}Cs / ^{124}Cs / ^{125}Cs / ^{126}Cs / ^{127}Cs / ^{128}Cs / ^{129}Cs / ^{130}Cs / ^{132}Cs / ^{138}Cs / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{143}Cs / ^{144}Cs / ^{145}Cs / ^{146}Cs / ^{147}Cs / ^{148}Cs / ^{202}Fr / ^{203}Fr / ^{204}Fr / ^{205}Fr / ^{206}Fr / ^{207}Fr / ^{208}Fr / ^{209}Fr / ^{210}Fr / ^{211}Fr / ^{212}Fr / ^{213}Fr / ^{214}Fr / ^{218}Fr / ^{219}Fr / ^{220}Fr / ^{221}Fr / ^{222}Fr / ^{223}Fr / ^{224}Fr / ^{225}Fr / ^{226}Fr / ^{227}Fr / ^{228}Fr, E=1 GeV; measured fission and spallation yields from different mass targets; deduced effect of target size. JOUR ZAANE 42 495
	2009RZ02	RADIOACTIVITY ^{248}Cm, ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$, γ(t), and isomer half-lives using EUROGAM2 array. ^{142,144}Cs; deduced levels, J, π, bands, isomers and configurations. Comparison with quasiparticle rotor model (QPRM) calculations. JOUR PRVCA 80 064317
	2009RZ02	NUCLEAR REACTIONS ^{235}U, ^{242}Am(n, F)^{137}Te / ^{142}Cs / ^{144}Cs, E=thermal; measured ionic charge distribution of fragments, Eγ, Iγ, ce, γ(ce)-, delayed γ(fragments)-, delayed (ce)(fragments)-coin using LOHENGRIN fragment separator. ^{142,144}Cs; deduced levels and isomer half-lives. JOUR PRVCA 80 064317
	2010LU02	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$ using Gammasphere. ^{141,144}Cs; deduced levels, J, p, conversion coefficients, multipolarities, bands, parity doublets, simplex structure, B(E1) / B(E2), dipole moment. Comparison with level structure of ^{143}Cs and with systematics of adjacent N=85-92 nuclei. ^{105,106,107,108}Tc; measured Eγ. JOUR NUPAB 838 1
^{144}Ce	2010CH41	NUCLEAR REACTIONS ^{239}Pu(n, F)^{99}Mo / ^{95}Zr / ^{140}Ba / ^{144}Ce / ^{147}Nd, E=0.2-2 MeV; measured fission products; deduced fission product yields and its energy dependence. Comparison with ENDF / B-VII.0 library, LANL-ILRR measurements. JOUR NDSBA 111 2923
^{144}Sm	2008SAZL	NUCLEAR REACTIONS ^{136}Xe, ^{138}Ba, ^{140}Ce, ^{142}Nd, ^{144}Sm(γ, γ'), (α, $\alpha\gamma$), E<100 MeV;measured reaction products; ^{136}Xe, ^{138}Ba, ^{140}Ce, ^{142}Nd, ^{144}Sm; deduced E1 strength distribution, B(E1). CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P345,Savran
	2009SAZW	NUCLEAR REACTIONS ^{136}Xe, ^{138}Ba, ^{140}Ce, ^{142}Nd, ^{144}Sm(γ, γ'), E$\approx$2800-9000 keV; measured Eγ, Iγ, $\theta(\gamma)$ using S-DALINAC; deduced E, J, π, decay width, B(E1); calculated B(E1), fragmentation using QPM. Compared to data. CONF Cologne (Capture Gamma-Ray Spectroscopy) Proc,P486,Savran

A=144 *(continued)*

	2010FI01	NUCLEAR REACTIONS ^{144}Sm(^{6}Li, ^{6}Li), E=21.0, 22.1, 22.6, 23.0, 24.1, 26.0, 28.0, 30.1, 32.2, 35.1, 42.3 MeV; ^{144}Sm(^{7}Li, ^{7}Li), E=21.6, 22.1, 22.6, 23.0, 25.0, 27.0, 29.0, 30.0, 32.0, 35.0, 40.8 MeV; measured σ, $\sigma(\theta)$; deduced optical potentials parameters, sensitivity radii, and energy dependence of the real and imaginary parts of the optical potential. Optical model analyses. JOUR PRVCA 81 024613
^{144}Gd	2010MA20	RADIOACTIVITY ^{145,147}Er(ECp), (β^+p)[from ^{58}Ni(^{92}Mo, xn2p), E=383 MeV; measured Eγ, pγ-, $\gamma\gamma$-coin, half-lives. ^{144,146}Dy; deduced levels, J, π. ^{143,145}Dy, ^{146}Ho(ECp), (β^+p); measured pγ-coin, Eγ. JOUR PRVCA 81 047301
^{144}Dy	2010MA20	RADIOACTIVITY ^{145,147}Er(ECp), (β^+p)[from ^{58}Ni(^{92}Mo, xn2p), E=383 MeV; measured Eγ, pγ-, $\gamma\gamma$-coin, half-lives. ^{144,146}Dy; deduced levels, J, π. ^{143,145}Dy, ^{146}Ho(ECp), (β^+p); measured pγ-coin, Eγ. JOUR PRVCA 81 047301
	2010PR04	NUCLEAR REACTIONS ^{92}Mo(^{54}Fe, 2p)^{144}Dy, E=226 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, DCO, half-lives by RDDS using JUROGAM array. ^{144}Dy; deduced levels, J, π, multipolarity, bands, B(M1), B(E2), B(M1) / B(E2), Q(t), β_2, configurations, magnetic-dipole shears bands. Comparison with systematics of bands in ^{142}Gd, ^{143}Tb, ^{145,146}Dy and with cranked shell-model (CSM) calculations. JOUR PRVCA 81 054320
^{144}Ho	2010MA08	NUCLEAR REACTIONS ^{92}Mo(^{54}Fe, np), E=226 MeV; measured γ spectra, Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin, $\gamma(\theta)$, half-life and K-conversion-coefficients using JuroGam array and GREAT spectrometer. Recoil-decay (isomer) tagging method. ^{144}Ho; deduced levels, J, π, multipolarity, isomer, bands, configurations, staggering parameter and B(M1) / B(E2) ratios. Comparison with Woods Saxon cranked-shell model (CSM) calculations and with structures of ^{140}Eu and ^{142}Tb. Calculated potential energy surfaces (PES) and Routhians. JOUR PRVCA 81 024302
	2010MA15	NUCLEAR REACTIONS ^{92}Mo(^{54}Fe, np), E=226 MeV; measured Eγ, Iγ, (recoil)γ-, $\gamma\gamma$-coin, half-life, prompt and delayed γ rays using JUROGAM array. ^{144}Ho; deduced energy levels, J, π, isomer, configurations. Recoil-isomer tagging method. JOUR PYLBB 683 17

A=145

^{145}I	2010OH02	NUCLEAR REACTIONS Be, Pb(^{238}U, F), E=345 MeV / nucleon; measured yields of fission fragments. Z=20-56, A=52-152; measured yields. ^{71}Mn, ^{73,74}Fe, ^{76}Co, ^{79}Ni, ^{81,82}Cu, ^{84,85}Zn, ^{87}Ga, ^{90}Ge, ^{95}Se, ^{98}Br, ^{101}Kr, ^{103}Rb, ^{106,107}Sr, ^{108,109}Y, ^{111,112}Zr, ^{114,115}Nb, ^{115,116,117}Mo, ^{119,120}Tc, ^{121,122,123,124}Ru, ^{123,124,125,126}Rh, ^{127,128}Pd, ^{133}Cd, ^{138}Sn, ^{140}Sb, ^{143}Te, ^{145}I, ^{148}Xe, ^{152}Ba; measured yields and cross sections, identified new isotopes using RI beam factory at RIKEN, ΔE-TOF-Bρ method. JOUR JUPSA 79 073201

A=145 *(continued)*

^{145}Cs	2009PA49	NUCLEAR REACTIONS ^{238}U(p, X)^{122}Cs / ^{123}Cs / ^{124}Cs / ^{125}Cs / ^{126}Cs / ^{127}Cs / ^{128}Cs / ^{129}Cs / ^{130}Cs / ^{132}Cs / ^{138}Cs / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{143}Cs / ^{144}Cs / ^{145}Cs / ^{146}Cs / ^{147}Cs / ^{148}Cs / ^{202}Fr / ^{203}Fr / ^{204}Fr / ^{205}Fr / ^{206}Fr / ^{207}Fr / ^{208}Fr / ^{209}Fr / ^{210}Fr / ^{211}Fr / ^{212}Fr / ^{213}Fr / ^{214}Fr / ^{218}Fr / ^{219}Fr / ^{220}Fr / ^{221}Fr / ^{222}Fr / ^{223}Fr / ^{224}Fr / ^{225}Fr / ^{226}Fr / ^{227}Fr / ^{228}Fr, E=1 GeV; measured fission and spallation yields from different mass targets; deduced effect of target size. JOUR ZAANE 42 495
	2010RZ01	RADIOACTIVITY ^{248}Cm(SF); measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$ using EUROGAM2 array. ^{145}Cs; deduced levels, J, π, multipolarities, bands, configurations, electric dipole moment D_0. ^{101,102}Nb; measured Eγ. Comparison with quasiparticle-rotor model calculations. Z=54-64, N=84-92; systematics of D_0 parameter for even nuclei of even neutron number. JOUR PRVCA 82 017301
^{145}Tb	2010MA20	RADIOACTIVITY ^{145,147}Er(ECp), (β^+p)[from ^{58}Ni(^{92}Mo, xn2p), E=383 MeV; measured Eγ, pγ-, $\gamma\gamma$-coin, half-lives. ^{144,146}Dy; deduced levels, J, π. ^{143,145}Dy, ^{146}Ho(ECp), (β^+p); measured pγ-coin, Eγ. JOUR PRVCA 81 047301
	2010MA37	RADIOACTIVITY ^{146}Ho(β^-), ^{146}Dy(p) [from ^{92}Mo(^{58}Ni, n3p), E=383 MeV]; measured proton spectra, Eγ, Iγ, p-γ-coin.; deduced decay scheme, $T_{1/2}$, branching ratio, J, π. JOUR CPCHC 34 1082
^{145}Dy	2010MA20	RADIOACTIVITY ^{145,147}Er(ECp), (β^+p)[from ^{58}Ni(^{92}Mo, xn2p), E=383 MeV; measured Eγ, pγ-, $\gamma\gamma$-coin, half-lives. ^{144,146}Dy; deduced levels, J, π. ^{143,145}Dy, ^{146}Ho(ECp), (β^+p); measured pγ-coin, Eγ. JOUR PRVCA 81 047301
^{145}Er	2010MA20	RADIOACTIVITY ^{145,147}Er(ECp), (β^+p)[from ^{58}Ni(^{92}Mo, xn2p), E=383 MeV; measured Eγ, pγ-, $\gamma\gamma$-coin, half-lives. ^{144,146}Dy; deduced levels, J, π. ^{143,145}Dy, ^{146}Ho(ECp), (β^+p); measured pγ-coin, Eγ. JOUR PRVCA 81 047301

A=146

^{146}Cs	2009PA49	NUCLEAR REACTIONS ^{238}U(p, X)^{122}Cs / ^{123}Cs / ^{124}Cs / ^{125}Cs / ^{126}Cs / ^{127}Cs / ^{128}Cs / ^{129}Cs / ^{130}Cs / ^{132}Cs / ^{138}Cs / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{143}Cs / ^{144}Cs / ^{145}Cs / ^{146}Cs / ^{147}Cs / ^{148}Cs / ^{202}Fr / ^{203}Fr / ^{204}Fr / ^{205}Fr / ^{206}Fr / ^{207}Fr / ^{208}Fr / ^{209}Fr / ^{210}Fr / ^{211}Fr / ^{212}Fr / ^{213}Fr / ^{214}Fr / ^{218}Fr / ^{219}Fr / ^{220}Fr / ^{221}Fr / ^{222}Fr / ^{223}Fr / ^{224}Fr / ^{225}Fr / ^{226}Fr / ^{227}Fr / ^{228}Fr, E=1 GeV; measured fission and spallation yields from different mass targets; deduced effect of target size. JOUR ZAANE 42 495
^{146}Nd	2010GL03	NUCLEAR REACTIONS ^{149}Sm(n, α), E=6.0 MeV; measured σ. Comparison with statistical-model calculations using TALYS code and with existing evaluations in various databases such as ENDF / B-VII. JOUR PRVCA 82 014601
^{146}Gd	2010CA08	NUCLEAR REACTIONS ^{144}Sm(α, 2n), E=26.3 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin $\gamma(\theta)$, and linear polarization of γ rays. ^{146}Gd; deduced levels, J, π, multipolarity, and two-phonon octupole excitations. JOUR PRVCA 81 031301

A=146 ***(continued)***

	2010CAZZ	NUCLEAR REACTIONS ^{144}Sm(α, 2n), E=26.3 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin., $\gamma(\theta)$, and γ(lin pol). ^{146}Gd; deduced levels, J, π, multipolarity, multiplet structures, and two-phonon octupole excitations. PREPRINT arXiv:1001.3279v1 [nucl-ex]
^{146}Dy	2010MA20	RADIOACTIVITY ^{145,147}Er(ECp), (β^+p)[from ^{58}Ni(^{92}Mo, xn2p), E=383 MeV; measured Eγ, pγ-, $\gamma\gamma$-coin, half-lives. ^{144,146}Dy; deduced levels, J, π. ^{143,145}Dy, ^{146}Ho(ECp), (β^+p); measured pγ-coin, Eγ. JOUR PRVCA 81 047301
	2010MA27	RADIOACTIVITY ^{147}Er(β^+p) [from ^{58}Ni(^{92}Mo, X), E=383 MeV]; measured Eγ, Iγ, $\gamma\gamma$-coin., γ-particle coin.; ^{147}Er, ^{146}Dy deduced $T_{1/2}$. JOUR CPLEE 27 062104
	2010MA37	RADIOACTIVITY ^{146}Ho(β^-), ^{146}Dy(p) [from ^{92}Mo(^{58}Ni, n3p), E=383 MeV]; measured proton spectra, Eγ, Iγ, p-γ-coin.; deduced decay scheme, $T_{1/2}$, branching ratio, J, π. JOUR CPCHC 34 1082
^{146}Ho	2010MA20	RADIOACTIVITY ^{145,147}Er(ECp), (β^+p)[from ^{58}Ni(^{92}Mo, xn2p), E=383 MeV; measured Eγ, pγ-, $\gamma\gamma$-coin, half-lives. ^{144,146}Dy; deduced levels, J, π. ^{143,145}Dy, ^{146}Ho(ECp), (β^+p); measured pγ-coin, Eγ. JOUR PRVCA 81 047301
	2010MA37	RADIOACTIVITY ^{146}Ho(β^-), ^{146}Dy(p) [from ^{92}Mo(^{58}Ni, n3p), E=383 MeV]; measured proton spectra, Eγ, Iγ, p-γ-coin.; deduced decay scheme, $T_{1/2}$, branching ratio, J, π. JOUR CPCHC 34 1082
^{146}Er	2010MA37	RADIOACTIVITY ^{146}Ho(β^-), ^{146}Dy(p) [from ^{92}Mo(^{58}Ni, n3p), E=383 MeV]; measured proton spectra, Eγ, Iγ, p-γ-coin.; deduced decay scheme, $T_{1/2}$, branching ratio, J, π. JOUR CPCHC 34 1082

A=147

^{147}Cs	2009PA49	NUCLEAR REACTIONS ^{238}U(p, X)^{122}Cs / ^{123}Cs / ^{124}Cs / ^{125}Cs / ^{126}Cs / ^{127}Cs / ^{128}Cs / ^{129}Cs / ^{130}Cs / ^{132}Cs / ^{138}Cs / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{143}Cs / ^{144}Cs / ^{145}Cs / ^{146}Cs / ^{147}Cs / ^{148}Cs / ^{202}Fr / ^{203}Fr / ^{204}Fr / ^{205}Fr / ^{206}Fr / ^{207}Fr / ^{208}Fr / ^{209}Fr / ^{210}Fr / ^{211}Fr / ^{212}Fr / ^{213}Fr / ^{214}Fr / ^{218}Fr / ^{219}Fr / ^{220}Fr / ^{221}Fr / ^{222}Fr / ^{223}Fr / ^{224}Fr / ^{225}Fr / ^{226}Fr / ^{227}Fr / ^{228}Fr, E=1 GeV; measured fission and spallation yields from different mass targets; deduced effect of target size. JOUR ZAANE 42 495
^{147}La	2008HAZ0	RADIOACTIVITY ^{147,148,149}La(β^-);^{151}Ce(β^-);^{153}Pr(β^-) [from ^{235}U(n, f), from ^{235}U(n, γ)]; measured Ee, Ie, Eγ, Iγ, $\gamma\gamma$-coin., $\beta\gamma$-coin.; deduced endpoint energy, Q_β using folding method. KUR-ISOL on-line mass separator. Compared to other data and to evaluated values. CONF Nice (Nucl Data for Sci and Technol) Proc,P131
^{147}Ce	2008HAZ0	RADIOACTIVITY ^{147,148,149}La(β^-);^{151}Ce(β^-);^{153}Pr(β^-) [from ^{235}U(n, f), from ^{235}U(n, γ)]; measured Ee, Ie, Eγ, Iγ, $\gamma\gamma$-coin., $\beta\gamma$-coin.; deduced endpoint energy, Q_β using folding method. KUR-ISOL on-line mass separator. Compared to other data and to evaluated values. CONF Nice (Nucl Data for Sci and Technol) Proc,P131

A=147 *(continued)*

^{147}Nd	2010CH41	NUCLEAR REACTIONS ^{239}Pu(n, F)^{99}Mo / ^{95}Zr / ^{140}Ba / ^{144}Ce / ^{147}Nd, E=0.2-2 MeV; measured fission products; deduced fission product yields and its energy dependence. Comparison with ENDF / B-VII.0 library, LANL-ILRR measurements. JOUR NDSBA 111 2923
^{147}Er	2010MA20	RADIOACTIVITY ^{145,147}Er(ECp), (β^+p)[from ^{58}Ni(^{92}Mo, xn2p), E=383 MeV; measured Eγ, pγ-, $\gamma\gamma$-coin, half-lives. ^{144,146}Dy; deduced levels, J, π. ^{143,145}Dy, ^{146}Ho(ECp), (β^+p); measured pγ-coin, Eγ. JOUR PRVCA 81 047301
	2010MA27	RADIOACTIVITY ^{147}Er(β^+p) [from ^{58}Ni(^{92}Mo, X), E=383 MeV]; measured Eγ, Iγ, $\gamma\gamma$-coin., γ-particle coin.; ^{147}Er, ^{146}Dy deduced $T_{1/2}$. JOUR CPLEE 27 062104

A=148

^{148}Xe	2010OH02	NUCLEAR REACTIONS Be, Pb(^{238}U, F), E=345 MeV / nucleon; measured yields of fission fragments. Z=20-56, A=52-152; measured yields. ^{71}Mn, ^{73,74}Fe, ^{76}Co, ^{79}Ni, ^{81,82}Cu, ^{84,85}Zn, ^{87}Ga, ^{90}Ge, ^{95}Se, ^{98}Br, ^{101}Kr, ^{103}Rb, ^{106,107}Sr, ^{108,109}Y, ^{111,112}Zr, ^{114,115}Nb, ^{115,116,117}Mo, ^{119,120}Tc, ^{121,122,123,124}Ru, ^{123,124,125,126}Rh, ^{127,128}Pd, ^{133}Cd, ^{138}Sn, ^{140}Sb, ^{143}Te, ^{145}I, ^{148}Xe, ^{152}Ba; measured yields and cross sections, identified new isotopes using RI beam factory at RIKEN, ΔE-TOF-Bρ method. JOUR JUPSA 79 073201
^{148}Cs	2009PA49	NUCLEAR REACTIONS ^{238}U(p, X)^{122}Cs / ^{123}Cs / ^{124}Cs / ^{125}Cs / ^{126}Cs / ^{127}Cs / ^{128}Cs / ^{129}Cs / ^{130}Cs / ^{132}Cs / ^{138}Cs / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{143}Cs / ^{144}Cs / ^{145}Cs / ^{146}Cs / ^{147}Cs / ^{148}Cs / ^{202}Fr / ^{203}Fr / ^{204}Fr / ^{205}Fr / ^{206}Fr / ^{207}Fr / ^{208}Fr / ^{209}Fr / ^{210}Fr / ^{211}Fr / ^{212}Fr / ^{213}Fr / ^{214}Fr / ^{218}Fr / ^{219}Fr / ^{220}Fr / ^{221}Fr / ^{222}Fr / ^{223}Fr / ^{224}Fr / ^{225}Fr / ^{226}Fr / ^{227}Fr / ^{228}Fr, E=1 GeV; measured fission and spallation yields from different mass targets; deduced effect of target size. JOUR ZAANE 42 495
^{148}La	2008HAZO	RADIOACTIVITY ^{147,148,149}La(β^-);^{151}Ce(β^-);^{153}Pr(β^-) [from ^{235}U(n, f), from ^{235}U(n, γ)]; measured Ee, Ie, Eγ, Iγ, $\gamma\gamma$-coin., $\beta\gamma$-coin.; deduced endpoint energy, Q_β using folding method. KUR-ISOL on-line mass separator. Compared to other data and to evaluated values. CONF Nice (Nucl Data for Sci and Technol) Proc,P131
^{148}Ce	2008HAZO	RADIOACTIVITY ^{147,148,149}La(β^-);^{151}Ce(β^-);^{153}Pr(β^-) [from ^{235}U(n, f), from ^{235}U(n, γ)]; measured Ee, Ie, Eγ, Iγ, $\gamma\gamma$-coin., $\beta\gamma$-coin.; deduced endpoint energy, Q_β using folding method. KUR-ISOL on-line mass separator. Compared to other data and to evaluated values. CONF Nice (Nucl Data for Sci and Technol) Proc,P131
	2008RAZY	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, γ-γ-coin.; ^{148}Ce, ^{108}Ru; deduced angular correlation of γ cascades, mixing ratio. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P57,Ramayya

A=148 *(continued)*

^{148}Pr	2008KOZO	RADIOACTIVITY ^{148,151}Pr(β^-); measured Eγ, Iγ, Ee, Ie;e-γ-coin.; deduced level properties E, J, π, isomeric transition, ^{148}Pr K-conversion coefficient, ^{151}Pr isomeric half-life; A=148-166[from ^{235}U(n, f), E=thermal]; measured Eγ, Iγ, Ee, Ie;e-γ-coin.; deduced level properties E, J, π, isomeric transition. Compared to theoretical values. CONF Nice (Nucl Data for Sci and Technol) Proc,P115
^{148}Nd	2008KOZO	RADIOACTIVITY ^{148,151}Pr(β^-); measured Eγ, Iγ, Ee, Ie;e-γ-coin.; deduced level properties E, J, π, isomeric transition, ^{148}Pr K-conversion coefficient, ^{151}Pr isomeric half-life; A=148-166[from ^{235}U(n, f), E=thermal]; measured Eγ, Iγ, Ee, Ie;e-γ-coin.; deduced level properties E, J, π, isomeric transition. Compared to theoretical values. CONF Nice (Nucl Data for Sci and Technol) Proc,P115
^{148}Pm	2010ZI01	NUCLEAR REACTIONS ^{150}Sm(μ, X)^{148}Pm / ^{149}Pm / ^{150}Pm / ^{149}Nd, E not given; measured Eγ, Iγ; deduced decay constant, $T_{1/2}$. JOUR BRSPE 74 825
^{148}Sm	2009KOZU	NUCLEAR REACTIONS ^{95}Mo(n, γ), E not given; measured Eγ, Iγ, $\gamma\gamma$-coin.; deduced E, J, π, pulse-height in resonance regions; ^{147}Sm(n, γ), E=0-700 eV; measured Eγ, Iγ, $\gamma\gamma$-coin.; deduced E, J, π, resonance spacing distributions, reduced neutron width; analyzed width distributions. Compared with Porter-Thomas, Mo measurements using (CIND)ORELA, Sm ones using DANCE at LANSCE. CONF Cologne (Capture Gamma-Ray Spectroscopy) Proc,P424,Koehler
	2010DA13	NUCLEAR REACTIONS ^{150}Sm(n, 2n), (n, 3n), (n, 2nγ), (n, 3nγ), E<35 MeV; measured TOF, Eγ, Iγ; deduced σ. Comparison with FKK GNASH calculations. JOUR NIMBE 268 114
^{148}Eu	2010IV02	NUCLEAR REACTIONS ^{147,149}Sm(p, γ), E not given; measured Eγ, Iγ; deduced S-factors. Comparison with NONSMOKER calculations. JOUR RJPHE 55 1006
^{148}Ho	2010KO12	NUCLEAR REACTIONS ^{112}Sn(^{40}Ar, 3np), (^{40}Ar, 2np), E=202, 206, 232 MeV; ^{114}Sn(^{40}Ar, 4np), (^{40}Ar, 5np), E=202, 206, 232 MeV; measured Eγ, Iγ, ce, $\gamma(\theta)$, $\gamma\gamma$-, eγ-coin, $\gamma\gamma$(t), isomer half-lives using OSIRIS-II array. ^{148,149}Ho; deduced levels, J, π, multipolarities, and configurations. Comparison with shell model calculations. JOUR PRVCA 81 044305

A=149

^{149}La	2008HAZO	RADIOACTIVITY ^{147,148,149}La(β^-);^{151}Ce(β^-);^{153}Pr(β^-) [from ^{235}U(n, f), from ^{235}U(n, γ)]; measured Ee, Ie, Eγ, Iγ, $\gamma\gamma$-coin., $\beta\gamma$-coin.; deduced endpoint energy, Q_β using folding method. KUR-ISOL on-line mass separator. Compared to other data and to evaluated values. CONF Nice (Nucl Data for Sci and Technol) Proc,P131

A=149 *(continued)*

^{149}Ce	2008HAZO	RADIOACTIVITY ^{147,148,149}La(β^-);^{151}Ce(β^-);^{153}Pr(β^-) [from ^{235}U(n, f), from ^{235}U(n, γ)]; measured Ee, Ie, Eγ, Iγ, $\gamma\gamma$-coin., $\beta\gamma$-coin.; deduced endpoint energy, Q_β using folding method. KUR-ISOL on-line mass separator. Compared to other data and to evaluated values. CONF Nice (Nucl Data for Sci and Technol) Proc,P131
^{149}Pr	2010HW03	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-, (x ray)-γ coin, half-lives by γ(t) using Gammasphere array. ^{93}Kr, ^{151,153}Pr, ^{157}Sm; deduced levels, J, π, bands, configurations, conversion coefficients, B(E1) / B(E2) ratios. ^{96,97,98,99}Y, ^{149,150}Pr; measured Eγ. JOUR PRVCA 82 034308
^{149}Nd	2010RU09	RADIOACTIVITY ^{149}Nd(β^-)[from ^{235}U(n, F), E=thermal and subsequent decays]; measured Eγ, Iγ(t), $\gamma\gamma$-coin, $\beta\gamma$-coin. ^{149}Nd; deduced levels, J, π, isomeric transition, $T_{1/2}$, band structure, B(E1), dipole moment; calculated deformation. JOUR ZAANE 45 1
	2010ZI01	NUCLEAR REACTIONS ^{150}Sm(μ, X)^{148}Pm / ^{149}Pm / ^{150}Pm / ^{149}Nd, E not given; measured Eγ, Iγ; deduced decay constant, $T_{1/2}$. JOUR BRSPE 74 825
^{149}Pm	2010RU09	RADIOACTIVITY ^{149}Nd(β^-)[from ^{235}U(n, F), E=thermal and subsequent decays]; measured Eγ, Iγ(t), $\gamma\gamma$-coin, $\beta\gamma$-coin. ^{149}Nd; deduced levels, J, π, isomeric transition, $T_{1/2}$, band structure, B(E1), dipole moment; calculated deformation. JOUR ZAANE 45 1
	2010ZI01	NUCLEAR REACTIONS ^{150}Sm(μ, X)^{148}Pm / ^{149}Pm / ^{150}Pm / ^{149}Nd, E not given; measured Eγ, Iγ; deduced decay constant, $T_{1/2}$. JOUR BRSPE 74 825
^{149}Sm	2010DA13	NUCLEAR REACTIONS ^{150}Sm(n, 2n), (n, 3n), (n, 2nγ), (n, 3nγ), E<35 MeV; measured TOF, Eγ, Iγ; deduced σ. Comparison with FKK GNASH calculations. JOUR NIMBE 268 114
	2010INZY	RADIOACTIVITY ^{149}Eu(EC); measured Auger spectra. Sm; deduced ten groups of KLL-Auger. Electrostatic electron spectrometer. CONF St.-Petersburg,P92,Inoyatov
	2010INZZ	RADIOACTIVITY ^{149}Eu(EC) [Eu-fraction from Er(p, X), E=500 MeV]; measured Ece, Ice of $L_{(1-3)}$-, $M_{(1-3)}$-lines. ^{149}Sm; deduced δ. Combined electrostatic electron spectrometer. CONF St.-Petersburg,P86,Inoyatov
	2010PEZZ	RADIOACTIVITY ^{149}Eu(EC); measured Ece, Ice. Sm; deduced Γ of $L_{(1-3)}$, $M_{(1-3)}$, $N_{(1,3)}$ atomic levels. Combined electrostatic electron spectrometer, ΔEce=0.1 eV. CONF St.-Petersburg,P88,Perevoshchikov
^{149}Eu	2010INZY	RADIOACTIVITY ^{149}Eu(EC); measured Auger spectra. Sm; deduced ten groups of KLL-Auger. Electrostatic electron spectrometer. CONF St.-Petersburg,P92,Inoyatov
	2010INZZ	RADIOACTIVITY ^{149}Eu(EC) [Eu-fraction from Er(p, X), E=500 MeV]; measured Ece, Ice of $L_{(1-3)}$-, $M_{(1-3)}$-lines. ^{149}Sm; deduced δ. Combined electrostatic electron spectrometer. CONF St.-Petersburg,P86,Inoyatov
	2010PEZZ	RADIOACTIVITY ^{149}Eu(EC); measured Ece, Ice. Sm; deduced Γ of $L_{(1-3)}$, $M_{(1-3)}$, $N_{(1,3)}$ atomic levels. Combined electrostatic electron spectrometer, ΔEce=0.1 eV. CONF St.-Petersburg,P88,Perevoshchikov

A=149 *(continued)*

^{149}Ho	2010KO12	NUCLEAR REACTIONS ^{112}Sn(^{40}Ar, 3np), (^{40}Ar, 2np), E=202, 206, 232 MeV; ^{114}Sn(^{40}Ar, 4np), (^{40}Ar, 5np), E=202, 206, 232 MeV; measured Eγ, Iγ, ce, $\gamma(\theta)$, $\gamma\gamma$-, eγ-coin, $\gamma\gamma$(t), isomer half-lives using OSIRIS-II array. ^{148,149}Ho; deduced levels, J, π, multipolarities, and configurations. Comparison with shell model calculations. JOUR PRVCA 81 044305

A=150

^{150}Pr	2010HW03	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-, (x ray)-γ coin, half-lives by γ(t) using Gammasphere array. ^{93}Kr, ^{151,153}Pr, ^{157}Sm; deduced levels, J, π, bands, configurations, conversion coefficients, B(E1) / B(E2) ratios. ^{96,97,98,99}Y, ^{149,150}Pr; measured Eγ. JOUR PRVCA 82 034308
^{150}Nd	2009DA25	RADIOACTIVITY ^{48}Ca, ^{82}Se, ^{96}Zr, ^{100}Mo, ^{116}Cd, ^{130}Te, ^{150}Nd(2β); measured $T_{1/2}$ for zero / two-neutrino 2β-decay events; deduced effective neutrino mass. JOUR NUPAB 827 495c
	2009KIZV	RADIOACTIVITY ^{150}Nd(2β^-); measured Eγ, Iγ, $\gamma\gamma$-coin; deduced $T_{1/2}$. Kimballton Underground Research Facility. REPT TUNL-XLVIII,P28,Kidd
	2010KO28	ATOMIC MASSES ^{150}Nd, ^{150}Sm; measured cyclotron frequencies using JYFLTRAP Penning-trap mass spectrometer; deduced mass difference and Q value for double-beta decay. Comparison with AME 2003. JOUR PRVCA 82 022501
	2010KO28	RADIOACTIVITY ^{150}Nd(2β^-); deduced Q value from mass difference measurement of ^{150}Nd and ^{150}Sm using JYFLTRAP Penning-trap mass spectrometer. Comparison with AME 2003. JOUR PRVCA 82 022501
	2010SI06	RADIOACTIVITY ^{100}Mo, ^{82}Se, ^{116}Cd, ^{150}Nd, ^{96}Zr, ^{48}Ca, ^{130}Te(2β^-); measured Ee, Ie; deduced $T_{1/2}$. JOUR PPNPD 64 270
^{150}Pm	2010ZI01	NUCLEAR REACTIONS ^{150}Sm(μ, X)^{148}Pm / ^{149}Pm / ^{150}Pm / ^{149}Nd, E not given; measured Eγ, Iγ; deduced decay constant, $T_{1/2}$. JOUR BRSPE 74 825
^{150}Sm	2009KIZV	RADIOACTIVITY ^{150}Nd(2β^-); measured Eγ, Iγ, $\gamma\gamma$-coin; deduced $T_{1/2}$. Kimballton Underground Research Facility. REPT TUNL-XLVIII,P28,Kidd
	2010KO28	ATOMIC MASSES ^{150}Nd, ^{150}Sm; measured cyclotron frequencies using JYFLTRAP Penning-trap mass spectrometer; deduced mass difference and Q value for double-beta decay. Comparison with AME 2003. JOUR PRVCA 82 022501
	2010KO28	RADIOACTIVITY ^{150}Nd(2β^-); deduced Q value from mass difference measurement of ^{150}Nd and ^{150}Sm using JYFLTRAP Penning-trap mass spectrometer. Comparison with AME 2003. JOUR PRVCA 82 022501
	2010SI06	RADIOACTIVITY ^{100}Mo, ^{82}Se, ^{116}Cd, ^{150}Nd, ^{96}Zr, ^{48}Ca, ^{130}Te(2β^-); measured Ee, Ie; deduced $T_{1/2}$. JOUR PPNPD 64 270
^{150}Eu	2010IV02	NUCLEAR REACTIONS ^{147,149}Sm(p, γ), E not given; measured Eγ, Iγ; deduced S-factors. Comparison with NONSMOKER calculations. JOUR RJPHE 55 1006

A=151

^{151}Ce	2008HAZO	RADIOACTIVITY ^{147,148,149}La(β^-);^{151}Ce(β^-);^{153}Pr(β^-) [from ^{235}U(n, f), from ^{235}U(n, γ)]; measured Ee, Ie, Eγ, Iγ, $\gamma\gamma$-coin., $\beta\gamma$-coin.; deduced endpoint energy, Q$_\beta$ using folding method. KUR-ISOL on-line mass separator. Compared to other data and to evaluated values. CONF Nice (Nucl Data for Sci and Technol) Proc,P131
	2010SI03	RADIOACTIVITY ^{248}Cm, ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin, and half-lives using Gammasphere and Eurogam-II arrays. ^{151}Ce, ^{153}Nd; deduced levels, J, π, bands, and configurations. Comparison with quasiparticle-rotor-model (QPRM) calculations. ^{151}Ce, ^{153}Nd, ^{155}Sm, ^{157}Gd, ^{159}Dy; systematics of bandheads. JOUR PRVCA 81 024313
^{151}Pr	2008HAZO	RADIOACTIVITY ^{147,148,149}La(β^-);^{151}Ce(β^-);^{153}Pr(β^-) [from ^{235}U(n, f), from ^{235}U(n, γ)]; measured Ee, Ie, Eγ, Iγ, $\gamma\gamma$-coin., $\beta\gamma$-coin.; deduced endpoint energy, Q$_\beta$ using folding method. KUR-ISOL on-line mass separator. Compared to other data and to evaluated values. CONF Nice (Nucl Data for Sci and Technol) Proc,P131
	2008KOZO	RADIOACTIVITY ^{148,151}Pr(β^-); measured Eγ, Iγ, Ee, Ie;e-γ-coin.; deduced level properties E, J, π, isomeric transition, ^{148}Pr K-conversion coefficient, ^{151}Pr isomeric half-life; A=148-166[from ^{235}U(n, f), E=thermal]; measured Eγ, Iγ, Ee, Ie;e-γ-coin.; deduced level properties E, J, π, isomeric transition. Compared to theoretical values. CONF Nice (Nucl Data for Sci and Technol) Proc,P115
	2010HW03	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-, (x ray)-γ coin, half-lives by γ(t) using Gammasphere array. ^{93}Kr, ^{151,153}Pr, ^{157}Sm; deduced levels, J, π, bands, configurations, conversion coefficients, B(E1) / B(E2) ratios. ^{96,97,98,99}Y, ^{149,150}Pr; measured Eγ. JOUR PRVCA 82 034308
^{151}Nd	2008KOZO	RADIOACTIVITY ^{148,151}Pr(β^-); measured Eγ, Iγ, Ee, Ie;e-γ-coin.; deduced level properties E, J, π, isomeric transition, ^{148}Pr K-conversion coefficient, ^{151}Pr isomeric half-life; A=148-166[from ^{235}U(n, f), E=thermal]; measured Eγ, Iγ, Ee, Ie;e-γ-coin.; deduced level properties E, J, π, isomeric transition. Compared to theoretical values. CONF Nice (Nucl Data for Sci and Technol) Proc,P115
^{151}Sm	2008DAZW	NUCLEAR REACTIONS ^{150}Sm(n, γ), E=1-35 MeV; measured Eγ, Iγ using GEANIE; deduced σ, spin distribution; calculated σ, spin distribution using GNASH and FKK. Compared to data. CONF Nice (Nucl Data for Sci and Technol) Proc,P231
	2009HE22	RADIOACTIVITY ^{151}Sm(β^-)[from ^{150}Sm(n, γ), E=thermal]; measured Eγ, Iγ, and half-life by specific activity method. Comparison with previous half-life measurements. JOUR PRVCA 80 064305
^{151}Eu	2009HE22	RADIOACTIVITY ^{151}Sm(β^-)[from ^{150}Sm(n, γ), E=thermal]; measured Eγ, Iγ, and half-life by specific activity method. Comparison with previous half-life measurements. JOUR PRVCA 80 064305
^{151}Gd	2010LU01	NUCLEAR REACTIONS ^{152,154,160}Gd, ^{93}Nb(n, 2n), ^{156,157,158}Gd(n, p), ^{27}Al, ^{158}Gd(n, α), E=13.5-14.8 MeV; measured Eγ, Iγ; deduced σ. Compared with available experimental data. JOUR RAACA 98 127

A=151 ***(continued)***

^{151}Tb	2008LEZG	NUCLEAR REACTIONS ^{170}Er(^{30}Si, 4n), E=148 MeV; ^{130}Te(^{27}Al, 6n), E=155 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin; deduced E, J, π, superdeformation, yrast, superdeformed band; calculated E1 transition strength, simulated superdeformed bands population, yrast. Results on CD only. CONF E.Lansing (NS2008),P38,Leoni
	2008LEZL	NUCLEAR REACTIONS ^{130}Te(^{27}Al, X)^{151}Tb, E=155 MeV; ^{170}Er(^{30}Si, 4n)^{196}Pb, E=150 MeV; measured Eγ, Iγ, γ-γ-coin.; deduced number of discrete excited bands. Comparison with cranked shell model calculations. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P403,Leoni

A=152

^{152}Ba	2010OH02	NUCLEAR REACTIONS Be, Pb(^{238}U, F), E=345 MeV / nucleon; measured yields of fission fragments. Z=20-56, A=52-152; measured yields. ^{71}Mn, ^{73,74}Fe, ^{76}Co, ^{79}Ni, ^{81,82}Cu, ^{84,85}Zn, ^{87}Ga, ^{90}Ge, ^{95}Se, ^{98}Br, ^{101}Kr, ^{103}Rb, ^{106,107}Sr, ^{108,109}Y, ^{111,112}Zr, ^{114,115}Nb, ^{115,116,117}Mo, ^{119,120}Tc, ^{121,122,123,124}Ru, ^{123,124,125,126}Rh, ^{127,128}Pd, ^{133}Cd, ^{138}Sn, ^{140}Sb, ^{143}Te, ^{145}I, ^{148}Xe, ^{152}Ba; measured yields and cross sections, identified new isotopes using RI beam factory at RIKEN, ΔE-TOF-Bρ method. JOUR JUPSA 79 073201
^{152}Sm	2009GAZW	NUCLEAR REACTIONS ^{150}Nd(α, 2n), E=22.8 MeV; measured non-yrast Eγ, Iγ, $\gamma\gamma$-coin.; ^{208}Pb(^{152}Sm, ^{152}Sm'), E=652 MeV; measured Coulomb excitation Eγ, Iγ, $\gamma\gamma$-coin.; ^{152}Sm(n, n'γ), E=1.2-3.0 MeV; measured Eγ, Iγ; ^{152}Sm(n, n'γ), E=2.05, 2.7 MeV; measured Eγ, Iγ, $\theta(\gamma)$; ^{152}Sm(n, n'γ), E=3.2 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin.; deduced σ, d$\sigma(\theta)$, E, J, π, B(E2), bands, decay schemes. CONF Cologne (Capture Gamma-Ray Spectroscopy) Proc,P391,Garrett
	2010CO02	NUCLEAR REACTIONS ^{197}Au, ^{151}Sm, Pb, ^{204,206,207,208}Pb, ^{209}Bi, ^{139}La, ^{232}Th, ^{24,25,26}Mg, ^{90,91,92,93,94,95,96}Zr, ^{186,187,188}Os, ^{233,234,235,236,238}U, ^{237}Np, ^{240}Pu, ^{241,243}Am, ^{245}Cm(n, γ), E=0.001-1 MeV; measured Eγ, Iγ, fission fragments; deduced σ. JOUR ARISE 68 643
	2010JI07	NUCLEAR REACTIONS ^{152,154}Sm, ^{184}W, ^{196}Pt, ^{208}Pb(^{16}O, ^{16}O'), E(cm)=35-70 MeV; measured $\sigma(\theta$=175°); calculated σ using CC and single-channel formalisms; deduced nuclear potential diffuseness parameters. JOUR NUPAB 834 189c
^{152}Eu	2008PAZR	NUCLEAR REACTIONS ^{151}Eu(n, γ), E=0.2 eV - 100 keV; measured Eγ, Iγ, $\gamma\gamma$-coin.; deduced σ; ^{242}Am(n, γ), E≈2-100 eV; measured Eγ, Iγ, E(fragment), I(fragment), (fragment)-γ coin.; deduced σ. Compared to other data. DICEBOX, GEANT-4, DANCE. CONF Nice (Nucl Data for Sci and Technol) Proc,P491
	2008ZAZY	RADIOACTIVITY ^{60}Co(β^-), ^{152}Eu(β^-), ^{193}Os(β^-); measured Eγ, Iγ, $\theta(\gamma)$, $\gamma\gamma$-coin.; deduced mixing ratio, angular correlations. CONF Nice (Nucl Data for Sci and Technol) Proc,P455

A=152 ***(continued)***

^{152}Gd	2008ZAZY	RADIOACTIVITY ^{60}Co(β^-), ^{152}Eu(β^-), ^{193}Os(β^-); measured Eγ, Iγ, $\theta(\gamma)$, $\gamma\gamma$-coin.; deduced mixing ratio, angular correlations. CONF Nice (Nucl Data for Sci and Technol) Proc,P455
	2010CH06	NUCLEAR REACTIONS ^{124}Sn(^{28}Si, X)^{152}Gd, E=185 MeV; measured Eγ, Iγ, evaporation residues; deduced GDR centroid energies and widths for compound nucleus, discrepancy with earlier measurements, damping processes for Giant Dipole Resonance width. JOUR JPGPE 37 055105
	2010SH16	NUCLEAR REACTIONS ^{152,154}Sm(α, 4n), E=45 MeV; ^{152}Sm(α, 2n), E=25 MeV; ^{154}Sm(α, 3n), E=35 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, polarization. ^{152,154,155}Gd; deduced levels, J, π, rotational bands, bands. JOUR NUPAB 834 45c
^{152}Yb	2008ESZW	RADIOACTIVITY ^{152}Yb; measured Eγ, Iγ, X-rays;X-raysγ-coin using TAS (Total Absorption Spectroscopy); deduced ^{152}Tm 482 keV level feeding. Attention: Incorrect scale in the figure (MeV instead of keV)! REPT ATOMKI 2008 Annual,P23,Estevez

A=153

^{153}Pr	2008HAZO	RADIOACTIVITY ^{147,148,149}La(β^-);^{151}Ce(β^-);^{153}Pr(β^-) [from ^{235}U(n, f), from ^{235}U(n, γ)]; measured Ee, Ie, Eγ, Iγ, $\gamma\gamma$-coin., $\beta\gamma$-coin.; deduced endpoint energy, Q_β using folding method. KUR-ISOL on-line mass separator. Compared to other data and to evaluated values. CONF Nice (Nucl Data for Sci and Technol) Proc,P131
	2010HW03	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-, (x ray)-γ coin, half-lives by γ(t) using Gammasphere array. ^{93}Kr, ^{151,153}Pr, ^{157}Sm; deduced levels, J, π, bands, configurations, conversion coefficients, B(E1) / B(E2) ratios. ^{96,97,98,99}Y, ^{149,150}Pr; measured Eγ. JOUR PRVCA 82 034308
^{153}Nd	2008HAZO	RADIOACTIVITY ^{147,148,149}La(β^-);^{151}Ce(β^-);^{153}Pr(β^-) [from ^{235}U(n, f), from ^{235}U(n, γ)]; measured Ee, Ie, Eγ, Iγ, $\gamma\gamma$-coin., $\beta\gamma$-coin.; deduced endpoint energy, Q_β using folding method. KUR-ISOL on-line mass separator. Compared to other data and to evaluated values. CONF Nice (Nucl Data for Sci and Technol) Proc,P131
	2010SI03	NUCLEAR REACTIONS ^{239}Pu(n, F), ^{241}Am(n, F), E=thermal; measured Eγ, Iγ, ce, $\gamma\gamma$-, (x ray)γ-, (ce)γ-, (fragment)γ-coin, delayed γ, and half-lives. ^{153}Nd, ^{155}Sm; deduced levels, J, π, conversion coefficients, multipolarities, bands, Nilsson configurations. Comparison with quasiparticle-rotor-model (QPRM) calculations. JOUR PRVCA 81 024313
	2010SI03	RADIOACTIVITY ^{248}Cm, ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin, and half-lives using Gammasphere and Eurogam-II arrays. ^{151}Ce, ^{153}Nd; deduced levels, J, π, bands, and configurations. Comparison with quasiparticle-rotor-model (QPRM) calculations. ^{151}Ce, ^{153}Nd, ^{155}Sm, ^{157}Gd, ^{159}Dy; systematics of bandheads. JOUR PRVCA 81 024313

A=153 ***(continued)***

^{153}Sm	2010BU06	NUCLEAR REACTIONS ^{152}Sm, ^{165}Ho, ^{55}Mn, ^{98}Mo, ^{197}Au(n, γ), E=epithermal; measured Eγ, Iγ; deduced resonance energies. Comparison with theoretical calculations. JOUR NIMBE 268 2578
^{153}Gd	2010LU01	NUCLEAR REACTIONS ^{152,154,160}Gd, ^{93}Nb(n, 2n), ^{156,157,158}Gd(n, p), ^{27}Al, ^{158}Gd(n, α), E=13.5-14.8 MeV; measured Eγ, Iγ; deduced σ. Compared with available experimental data. JOUR RAACA 98 127
^{153}Yb	2009HA42	RADIOACTIVITY ^{160,160m}Ta, ^{164,164m}Re, ^{168,168m}Ir, ^{172}Au(α)[from ^{96}Ru(^{78}Kr, X), E=342, 348 MeV]; measured Eα, $\alpha\gamma$-correlations, and half-lives. ^{157,160}Hf, ^{160,164}W, ^{164,165,167,168}Os, ^{168,169,171}Ir, ^{169,170,171,172}Pt, ^{164,165}Re, ^{171,173}Au, ^{172,173}Hg(α); measured Eα, $\alpha\alpha$-correlations of α-decaying pairs. ^{160}Ta, ^{164}Re, ^{168}Ir, ^{172}Au; deduced levels and isomers. JOUR PRVCA 80 064310
^{153}Lu	2008BIZT	RADIOACTIVITY ^{161}Os(α)[from ^{106}Cd(^{58}Ni, X), E=cyclotron]; ^{157}Ta(α)[from ^{157}W(β^-)[from ^{161}Os(α)]]; measured Eα, Iα(t), (^{161}Os)α-coin. ^{161}Os, ^{157}W deduced $T_{1/2}$, reduced widths, Q-values. Results on CD only. CONF E.Lansing (NS2008),P81,Bianco

A=154

^{154}Sm	2009WIZU	NUCLEAR REACTIONS ^{154}Sm, ^{166}Er(^{16}O, ^{16}O'), E=55, 60, 65 MeV; measured conversion electrons Ee, Ie after Coulomb excitation; deduced E, J, π, monopole strength, B(E2), β-band, γ-band; calculated E, J, π, transition strengths. CONF Cologne (Capture Gamma-Ray Spectroscopy) Proc,P539,Wimmer
	2010JI07	NUCLEAR REACTIONS ^{152,154}Sm, ^{184}W, ^{196}Pt, ^{208}Pb(^{16}O, ^{16}O'), E(cm)=35-70 MeV; measured $\sigma(\theta=175°)$; calculated σ using CC and single-channel formalisms; deduced nuclear potential diffuseness parameters. JOUR NUPAB 834 189c
^{154}Gd	2010BA02	NUCLEAR REACTIONS ^{152}Sm(α, 2n), ^{147}Sm(^{16}O, 3n), E=25, 73 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin.; deduced the lowest-energy negative-parity bands in ^{160}Yb and ^{154}Gd. Comparison with band-mixing calculations. JOUR PRLTA 104 022501
	2010BA25	NUCLEAR REACTIONS ^{152}Sm(α, 2n), E=cyclotron; ^{147}Sm(^{16}O, 3n), E=cyclotron; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{160}Yb; deduced levels, J, π. ^{154}Gd, ^{160}Yb; deduced bands, aligned angular momenta. JOUR NUPAB 834 58c
	2010SC06	NUCLEAR REACTIONS ^{154,156,158}Gd(p, p'γ), E=22 MeV; measured Eγ, Iγ, proton spectra, γ-ray emission probabilities using STARS / LiBerACE array. ^{155,157}Gd(n, γ), E=0.01-4 MeV; deduced σ by surrogate reaction method using Weisskopf-Ewing and ratio approximations. JOUR PRVCA 81 034608
	2010SH16	NUCLEAR REACTIONS ^{152,154}Sm(α, 4n), E=45 MeV; ^{152}Sm(α, 2n), E=25 MeV; ^{154}Sm(α, 3n), E=35 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, polarization. ^{152,154,155}Gd; deduced levels, J, π, rotational bands, bands. JOUR NUPAB 834 45c

A=155

^{155}Sm	2010LU01	NUCLEAR REACTIONS ^{152,154,160}Gd, ^{93}Nb(n, 2n), ^{156,157,158}Gd(n, p), ^{27}Al, ^{158}Gd(n, α), E=13.5-14.8 MeV; measured Eγ, Iγ; deduced σ. Compared with available experimental data. JOUR RAACA 98 127
	2010SI03	NUCLEAR REACTIONS ^{239}Pu(n, F), ^{241}Am(n, F), E=thermal; measured Eγ, Iγ, ce, $\gamma\gamma$-, (x ray)γ-, (ce)γ-, (fragment)γ-coin, delayed γ, and half-lives. ^{153}Nd, ^{155}Sm; deduced levels, J, π, conversion coefficients, multipolarities, bands, Nilsson configurations. Comparison with quasiparticle-rotor-model (QPRM) calculations. JOUR PRVCA 81 024313
	2010SI03	RADIOACTIVITY ^{248}Cm, ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin, and half-lives using Gammasphere and Eurogam-II arrays. ^{151}Ce, ^{153}Nd; deduced levels, J, π, bands, and configurations. Comparison with quasiparticle-rotor-model (QPRM) calculations. ^{151}Ce, ^{153}Nd, ^{155}Sm, ^{157}Gd, ^{159}Dy; systematics of bandheads. JOUR PRVCA 81 024313
^{155}Eu	2010DZ01	NUCLEAR REACTIONS ^{175}Lu(n, 2n), (n, p), (n, α), E=13.5-14.6 MeV; ^{176}Lu(n, α)E=13.5-14.6 MeV; ^{159}Tb(n, p), (n, α), (n, n'α), (n, 2n), E=13.5-14.6 MeV; ^{181}Ta(n, γ), E=0.0019, 0.0587, 0.1445, 2.850, 14.340 MeV; measured Eγ, Iγ, σ by activation technique, and isomeric ratios. Natural Lu, Tb and Ta targets. Comparison with values from TALYS-1.0 code. JOUR PRVCA 81 014610
^{155}Gd	2010AL15	NUCLEAR REACTIONS ^{156}Gd(p, d), E=25 MeV; measured Eγ, Iγ, Ed, Id, dγ-, d$\gamma\gamma$-coin, γd(θ), σ. ^{155}Gd; deduced levels, J, π, Nilsson configurations, L transfers, C^2_{jl} expansion coefficients, occupancies V^2. DWBA analysis of $\sigma(\theta)$ data. JOUR PRVCA 81 064316
	2010SH16	NUCLEAR REACTIONS ^{152,154}Sm(α, 4n), E=45 MeV; ^{152}Sm(α, 2n), E=25 MeV; ^{154}Sm(α, 3n), E=35 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, polarization. ^{152,154,155}Gd; deduced levels, J, π, rotational bands, bands. JOUR NUPAB 834 45c
^{155}Yb	2009SA49	RADIOACTIVITY ^{159}Hf, ^{163}Ta, ^{162,163,164}W(α) [from ^{106}Cd(^{60}Ni, X), E=270 MeV]; measured Eα. JOUR PRVCA 80 054316

A=156

^{156}Eu	2010DZ01	NUCLEAR REACTIONS ^{175}Lu(n, 2n), (n, p), (n, α), E=13.5-14.6 MeV; ^{176}Lu(n, α)E=13.5-14.6 MeV; ^{159}Tb(n, p), (n, α), (n, n'α), (n, 2n), E=13.5-14.6 MeV; ^{181}Ta(n, γ), E=0.0019, 0.0587, 0.1445, 2.850, 14.340 MeV; measured Eγ, Iγ, σ by activation technique, and isomeric ratios. Natural Lu, Tb and Ta targets. Comparison with values from TALYS-1.0 code. JOUR PRVCA 81 014610
	2010LU01	NUCLEAR REACTIONS ^{152,154,160}Gd, ^{93}Nb(n, 2n), ^{156,157,158}Gd(n, p), ^{27}Al, ^{158}Gd(n, α), E=13.5-14.8 MeV; measured Eγ, Iγ; deduced σ. Compared with available experimental data. JOUR RAACA 98 127
^{156}Gd	2008NIZU	NUCLEAR REACTIONS ^{116,117,118,119}Sn, ^{155,156,157,158}Gd(n, γ), E=10-100 keV, 550 keV; measured Eγ, Iγ; deduced σ, dσ. Compared to other data, JENDL-3.3, ENDF / B-VI, ENDF / B-VII. CONF Nice (Nucl Data for Sci and Technol) Proc,P615

A=156 *(continued)*

	2010JE02	NUCLEAR REACTIONS ^{155}Gd(n, γ), E not given; measured Eγ, Iγ; ^{156}Gd; deduced energy levels, J, π, transition lifetime, B(E2), B(E1), quadrupole moments, odd-spin negative parity band. GAMS4 / 5 Bragg spectrometers. JOUR PRLTA 104 222502
	2010SC06	NUCLEAR REACTIONS ^{154,156,158}Gd(p, p'γ), E=22 MeV; measured Eγ, Iγ, proton spectra, γ-ray emission probabilities using STARS / LiBerACE array. ^{155,157}Gd(n, γ), E=0.01-4 MeV; deduced σ by surrogate reaction method using Weisskopf-Ewing and ratio approximations. JOUR PRVCA 81 034608
^{156}Yb	2009HA42	RADIOACTIVITY ^{160,160m}Ta, ^{164,164m}Re, ^{168,168m}Ir, ^{172}Au(α)[from ^{96}Ru(^{78}Kr, X), E=342, 348 MeV]; measured Eα, $\alpha\gamma$-correlations, and half-lives. ^{157,160}Hf, ^{160,164}W, ^{164,165,167,168}Os, ^{168,169,171}Ir, ^{169,170,171,172}Pt, ^{164,165}Re, ^{171,173}Au, ^{172,173}Hg(α); measured Eα, $\alpha\alpha$-correlations of α-decaying pairs. ^{160}Ta, ^{164}Re, ^{168}Ir, ^{172}Au; deduced levels and isomers. JOUR PRVCA 80 064310
	2009HU19	NUCLEAR REACTIONS ^{144}Sm(^{16}O, 4n)^{156}Yb, E=102 MeV; measured Eγ, Iγ, γ-γ-coin.; deduced high-spin states, level scheme, yrast states, J, π, energies. JOUR CPCHC 33 s01 148
^{156}Lu	2009HA42	RADIOACTIVITY ^{160,160m}Ta, ^{164,164m}Re, ^{168,168m}Ir, ^{172}Au(α)[from ^{96}Ru(^{78}Kr, X), E=342, 348 MeV]; measured Eα, $\alpha\gamma$-correlations, and half-lives. ^{157,160}Hf, ^{160,164}W, ^{164,165,167,168}Os, ^{168,169,171}Ir, ^{169,170,171,172}Pt, ^{164,165}Re, ^{171,173}Au, ^{172,173}Hg(α); measured Eα, $\alpha\alpha$-correlations of α-decaying pairs. ^{160}Ta, ^{164}Re, ^{168}Ir, ^{172}Au; deduced levels and isomers. JOUR PRVCA 80 064310
^{156}Hf	2009HA42	RADIOACTIVITY ^{160,160m}Ta, ^{164,164m}Re, ^{168,168m}Ir, ^{172}Au(α)[from ^{96}Ru(^{78}Kr, X), E=342, 348 MeV]; measured Eα, $\alpha\gamma$-correlations, and half-lives. ^{157,160}Hf, ^{160,164}W, ^{164,165,167,168}Os, ^{168,169,171}Ir, ^{169,170,171,172}Pt, ^{164,165}Re, ^{171,173}Au, ^{172,173}Hg(α); measured Eα, $\alpha\alpha$-correlations of α-decaying pairs. ^{160}Ta, ^{164}Re, ^{168}Ir, ^{172}Au; deduced levels and isomers. JOUR PRVCA 80 064310

A=157

^{157}Sm	2010HW03	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-, (x ray)-γ coin, half-lives by γ(t) using Gammasphere array. ^{93}Kr, ^{151,153}Pr, ^{157}Sm; deduced levels, J, π, bands, configurations, conversion coefficients, B(E1) / B(E2) ratios. ^{96,97,98,99}Y, ^{149,150}Pr; measured Eγ. JOUR PRVCA 82 034308
^{157}Eu	2010LU01	NUCLEAR REACTIONS ^{152,154,160}Gd, ^{93}Nb(n, 2n), ^{156,157,158}Gd(n, p), ^{27}Al, ^{158}Gd(n, α), E=13.5-14.8 MeV; measured Eγ, Iγ; deduced σ. Compared with available experimental data. JOUR RAACA 98 127
^{157}Gd	2008NIZU	NUCLEAR REACTIONS ^{116,117,118,119}Sn, ^{155,156,157,158}Gd(n, γ), E=10-100 keV, 550 keV; measured Eγ, Iγ; deduced σ, dσ. Compared to other data, JENDL-3.3, ENDF / B-VI, ENDF / B-VII. CONF Nice (Nucl Data for Sci and Technol) Proc,P615

A=157 ***(continued)***

	2010SI03	RADIOACTIVITY ^{248}Cm, ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin, and half-lives using Gammasphere and Eurogam-II arrays. ^{151}Ce, ^{153}Nd; deduced levels, J, π, bands, and configurations. Comparison with quasiparticle-rotor-model (QPRM) calculations. ^{151}Ce, ^{153}Nd, ^{155}Sm, ^{157}Gd, ^{159}Dy; systematics of bandheads. JOUR PRVCA 81 024313
^{157}Dy	2008DIZT	NUCLEAR REACTIONS ^{102}Pd, ^{120}Te, ^{130,132}Ba, ^{156}Dy(n, γ), E$\approx$25 keV; measured Eγ, Iγ; deduced σ. Compared with MACS30 recommended values. CONF Nice (Nucl Data for Sci and Technol) Proc,P575
	2010DI01	NUCLEAR REACTIONS ^{102}Pd, ^{120}Te, ^{130}Ba, ^{132}Ba, ^{156}Dy, ^{197}Au(n, γ), E=0-120 keV; measured Eγ, Iγ, Maxwellian-averaged σ by activation technique; deduced reaction rates for p process. Comparison with standard Hauser-Feshbach models and with results from various reaction libraries including ENDF-B / VII.0. JOUR PRVCA 81 015801
^{157}Hf	2009HA42	RADIOACTIVITY ^{160,160m}Ta, ^{164,164m}Re, ^{168,168m}Ir, ^{172}Au(α)[from ^{96}Ru(^{78}Kr, X), E=342, 348 MeV]; measured Eα, $\alpha\gamma$-correlations, and half-lives. ^{157,160}Hf, ^{160,164}W, ^{164,165,167,168}Os, ^{168,169,171}Ir, ^{169,170,171,172}Pt, ^{164,165}Re, ^{171,173}Au, ^{172,173}Hg(α); measured Eα, $\alpha\alpha$-correlations of α-decaying pairs. ^{160}Ta, ^{164}Re, ^{168}Ir, ^{172}Au; deduced levels and isomers. JOUR PRVCA 80 064310
^{157}Ta	2008BIZT	RADIOACTIVITY ^{161}Os(α)[from ^{106}Cd(^{58}Ni, X), E=cyclotron]; ^{157}Ta(α)[from ^{157}W(β^-)[from ^{161}Os(α)]]; measured Eα, Iα(t), (^{161}Os)α-coin. ^{161}Os, ^{157}W deduced $T_{1/2}$, reduced widths, Q-values. Results on CD only. CONF E.Lansing (NS2008),P81,Bianco
	2010BI03	RADIOACTIVITY ^{161}Os(α), ^{157}W(β^+); measured decay products; deduced $T_{1/2}$, β-branching. Comparison with shell model calculations. JOUR PYLBB 690 15
^{157}W	2008BIZT	RADIOACTIVITY ^{161}Os(α)[from ^{106}Cd(^{58}Ni, X), E=cyclotron]; ^{157}Ta(α)[from ^{157}W(β^-)[from ^{161}Os(α)]]; measured Eα, Iα(t), (^{161}Os)α-coin. ^{161}Os, ^{157}W deduced $T_{1/2}$, reduced widths, Q-values. Results on CD only. CONF E.Lansing (NS2008),P81,Bianco
	2010BI03	RADIOACTIVITY ^{161}Os(α), ^{157}W(β^+); measured decay products; deduced $T_{1/2}$, β-branching. Comparison with shell model calculations. JOUR PYLBB 690 15

A=158

^{158}Eu	2010LU01	NUCLEAR REACTIONS ^{152,154,160}Gd, ^{93}Nb(n, 2n), ^{156,157,158}Gd(n, p), ^{27}Al, ^{158}Gd(n, α), E=13.5-14.8 MeV; measured Eγ, Iγ; deduced σ. Compared with available experimental data. JOUR RAACA 98 127
^{158}Gd	2008NIZU	NUCLEAR REACTIONS ^{116,117,118,119}Sn, ^{155,156,157,158}Gd(n, γ), E=10-100 keV, 550 keV; measured Eγ, Iγ; deduced σ, dσ. Compared to other data, JENDL-3.3, ENDF / B-VI, ENDF / B-VII. CONF Nice (Nucl Data for Sci and Technol) Proc,P615

A=158 ***(continued)***

	2010SC06	NUCLEAR REACTIONS ^{154,156,158}Gd(p, p'γ), E=22 MeV; measured Eγ, Iγ, proton spectra, γ-ray emission probabilities using STARS / LiBerACE array. ^{155,157}Gd(n, γ), E=0.01-4 MeV; deduced σ by surrogate reaction method using Weisskopf-Ewing and ratio approximations. JOUR PRVCA 81 034608
^{158}Tb	2010DZ01	NUCLEAR REACTIONS ^{175}Lu(n, 2n), (n, p), (n, α), E=13.5-14.6 MeV; ^{176}Lu(n, α)E=13.5-14.6 MeV; ^{159}Tb(n, p), (n, α), (n, n'α), (n, 2n), E=13.5-14.6 MeV; ^{181}Ta(n, γ), E=0.0019, 0.0587, 0.1445, 2.850, 14.340 MeV; measured Eγ, Iγ, σ by activation technique, and isomeric ratios. Natural Lu, Tb and Ta targets. Comparison with values from TALYS-1.0 code. JOUR PRVCA 81 014610
^{158}Hf	2009SA49	RADIOACTIVITY ^{159}Hf, ^{163}Ta, ^{162,163,164}W(α) [from ^{106}Cd(^{60}Ni, X), E=270 MeV]; measured Eα. JOUR PRVCA 80 054316
	2010SC02	RADIOACTIVITY ^{162,163}W, ^{163,165}Re, ^{165,166,167}Os, ^{169,171}Ir, ^{171,172}Pt, ^{172}Au(α); measured Eα, Iα; deduced half-lives. ^{171}Pt(α); measured branching ratio. JOUR PRVCA 81 014306

A=159

^{159}Gd	2008NIZU	NUCLEAR REACTIONS ^{116,117,118,119}Sn, ^{155,156,157,158}Gd(n, γ), E=10-100 keV, 550 keV; measured Eγ, Iγ; deduced σ, dσ. Compared to other data, JENDL-3.3, ENDF / B-VI, ENDF / B-VII. CONF Nice (Nucl Data for Sci and Technol) Proc,P615
	2010DZ01	NUCLEAR REACTIONS ^{175}Lu(n, 2n), (n, p), (n, α), E=13.5-14.6 MeV; ^{176}Lu(n, α)E=13.5-14.6 MeV; ^{159}Tb(n, p), (n, α), (n, n'α), (n, 2n), E=13.5-14.6 MeV; ^{181}Ta(n, γ), E=0.0019, 0.0587, 0.1445, 2.850, 14.340 MeV; measured Eγ, Iγ, σ by activation technique, and isomeric ratios. Natural Lu, Tb and Ta targets. Comparison with values from TALYS-1.0 code. JOUR PRVCA 81 014610
	2010LU01	NUCLEAR REACTIONS ^{152,154,160}Gd, ^{93}Nb(n, 2n), ^{156,157,158}Gd(n, p), ^{27}Al, ^{158}Gd(n, α), E=13.5-14.8 MeV; measured Eγ, Iγ; deduced σ. Compared with available experimental data. JOUR RAACA 98 127
^{159}Dy	2010SI03	RADIOACTIVITY ^{248}Cm, ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin, and half-lives using Gammasphere and Eurogam-II arrays. ^{151}Ce, ^{153}Nd; deduced levels, J, π, bands, and configurations. Comparison with quasiparticle-rotor-model (QPRM) calculations. ^{151}Ce, ^{153}Nd, ^{155}Sm, ^{157}Gd, ^{159}Dy; systematics of bandheads. JOUR PRVCA 81 024313
^{159}Er	2009OL09	NUCLEAR REACTIONS ^{116}Cd(^{48}Ca, X), E=215 MeV; measured Eγ, Iγ, $\gamma\gamma$ using Gammasphere array. ^{159,160}Er; deduced levels, J, π, triaxial strongly deformed (TSD) bands, dynamical moment of inertia plots, and configurations. Calculated potential energy surfaces and single-particle proton and neutron energies (Routhians) with Cranked Nilsson-Strutinsky approach. JOUR PRVCA 80 064322
^{159}Lu	2009SA49	RADIOACTIVITY ^{159}Hf, ^{163}Ta, ^{162,163,164}W(α) [from ^{106}Cd(^{60}Ni, X), E=270 MeV]; measured Eα. JOUR PRVCA 80 054316
	2009SH48	NUCLEAR REACTIONS ^{144}Sm(^{19}F, 4n)^{159}Lu, E=106 MeV; measured Eγ, Iγ, γ-γ-coin.; deduced high-spin states, level scheme, J, π, energies, rotational bands. JOUR CPCHC 33 s01 164

A=159 *(continued)*

^{159}Hf	2009SA49	RADIOACTIVITY ^{159}Hf, ^{163}Ta, ^{162,163,164}W(α) [from ^{106}Cd(^{60}Ni, X), E=270 MeV]; measured Eα. JOUR PRVCA 80 054316
	2010SC02	RADIOACTIVITY ^{162,163}W, ^{163,165}Re, ^{165,166,167}Os, ^{169,171}Ir, ^{171,172}Pt, ^{172}Au(α); measured Eα, Iα; deduced half-lives. ^{171}Pt(α); measured branching ratio. JOUR PRVCA 81 014306
^{159}Ta	2010SC02	RADIOACTIVITY ^{162,163}W, ^{163,165}Re, ^{165,166,167}Os, ^{169,171}Ir, ^{171,172}Pt, ^{172}Au(α); measured Eα, Iα; deduced half-lives. ^{171}Pt(α); measured branching ratio. JOUR PRVCA 81 014306

A=160

^{160}Dy	2010BOZZ	RADIOACTIVITY ^{160}Ho(EC); measured Ece, Ice. ^{160}Dy; deduced E0-level. Magnetic spectrograph. CONF St.-Petersburg,P93,Bogachenko
	2010GO09	NUCLEAR REACTIONS ^{161,162,163}Dy(^{3}He, ^{3}He'), (^{3}He, α), E=45 MeV; ^{164}Dy(^{3}He, ^{3}He'), E=38 MeV; measured Eγ, Iγ. ^{160,161,163}Dy(n, γ), E<600 keV; deduced σ using the external surrogate ratio method (SRM). JOUR PRVCA 81 054606
^{160}Ho	2010BOZZ	RADIOACTIVITY ^{160}Ho(EC); measured Ece, Ice. ^{160}Dy; deduced E0-level. Magnetic spectrograph. CONF St.-Petersburg,P93,Bogachenko
	2010VAZZ	RADIOACTIVITY ^{160}Er(EC), ^{160}Ho(IT); measured Eγ, Iγ, Ece, Ice, x-rays, $T_{1/2}$. ^{160}Ho; deduced level, J, π, multipolarities. YASNAPP-2 facility, two-quasiparticle structure suggested. CONF St.-Petersburg,P89,Vaganov
^{160}Er	2009OL09	NUCLEAR REACTIONS ^{116}Cd(^{48}Ca, X), E=215 MeV; measured Eγ, Iγ, $\gamma\gamma$ using Gammasphere array. ^{159,160}Er; deduced levels, J, π, triaxial strongly deformed (TSD) bands, dynamical moment of inertia plots, and configurations. Calculated potential energy surfaces and single-particle proton and neutron energies (Routhians) with Cranked Nilsson-Strutinsky approach. JOUR PRVCA 80 064322
	2010VAZZ	RADIOACTIVITY ^{160}Er(EC), ^{160}Ho(IT); measured Eγ, Iγ, Ece, Ice, x-rays, $T_{1/2}$. ^{160}Ho; deduced level, J, π, multipolarities. YASNAPP-2 facility, two-quasiparticle structure suggested. CONF St.-Petersburg,P89,Vaganov
^{160}Yb	2010BA02	NUCLEAR REACTIONS ^{152}Sm(α, 2n), ^{147}Sm(^{16}O, 3n), E=25, 73 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin.; deduced the lowest-energy negative-parity bands in ^{160}Yb and ^{154}Gd. Comparison with band-mixing calculations. JOUR PRLTA 104 022501
	2010BA25	NUCLEAR REACTIONS ^{152}Sm(α, 2n), E=cyclotron; ^{147}Sm(^{16}O, 3n), E=cyclotron; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{160}Yb; deduced levels, J, π. ^{154}Gd, ^{160}Yb; deduced bands, aligned angular momenta. JOUR NUPAB 834 58c

A=160 *(continued)*

^{160}Hf	2009HA42	RADIOACTIVITY ^{160,160m}Ta, ^{164,164m}Re, ^{168,168m}Ir, ^{172}Au(α)[from ^{96}Ru(^{78}Kr, X), E=342, 348 MeV]; measured Eα, $\alpha\gamma$-correlations, and half-lives. ^{157,160}Hf, ^{160,164}W, ^{164,165,167,168}Os, ^{168,169,171}Ir, ^{169,170,171,172}Pt, ^{164,165}Re, ^{171,173}Au, ^{172,173}Hg(α); measured Eα, $\alpha\alpha$-correlations of α-decaying pairs. ^{160}Ta, ^{164}Re, ^{168}Ir, ^{172}Au; deduced levels and isomers. JOUR PRVCA 80 064310
	2009SA49	RADIOACTIVITY ^{159}Hf, ^{163}Ta, ^{162,163,164}W(α) [from ^{106}Cd(^{60}Ni, X), E=270 MeV]; measured Eα. JOUR PRVCA 80 054316
^{160}Ta	2009HA42	RADIOACTIVITY ^{160,160m}Ta, ^{164,164m}Re, ^{168,168m}Ir, ^{172}Au(α)[from ^{96}Ru(^{78}Kr, X), E=342, 348 MeV]; measured Eα, $\alpha\gamma$-correlations, and half-lives. ^{157,160}Hf, ^{160,164}W, ^{164,165,167,168}Os, ^{168,169,171}Ir, ^{169,170,171,172}Pt, ^{164,165}Re, ^{171,173}Au, ^{172,173}Hg(α); measured Eα, $\alpha\alpha$-correlations of α-decaying pairs. ^{160}Ta, ^{164}Re, ^{168}Ir, ^{172}Au; deduced levels and isomers. JOUR PRVCA 80 064310
^{160}W	2009HA42	RADIOACTIVITY ^{160,160m}Ta, ^{164,164m}Re, ^{168,168m}Ir, ^{172}Au(α)[from ^{96}Ru(^{78}Kr, X), E=342, 348 MeV]; measured Eα, $\alpha\gamma$-correlations, and half-lives. ^{157,160}Hf, ^{160,164}W, ^{164,165,167,168}Os, ^{168,169,171}Ir, ^{169,170,171,172}Pt, ^{164,165}Re, ^{171,173}Au, ^{172,173}Hg(α); measured Eα, $\alpha\alpha$-correlations of α-decaying pairs. ^{160}Ta, ^{164}Re, ^{168}Ir, ^{172}Au; deduced levels and isomers. JOUR PRVCA 80 064310
^{160}Re	2011DA01	RADIOACTIVITY ^{160}Re(IT) [from ^{106}Cd(^{58}Ni, X), E=290, 300 MeV]; measured Eγ, Iγ, $\gamma\gamma$ and $\alpha\gamma$-coin.; deduced a new high-spin isomeric state, $T_{1/2}$. Comparison with shell model calculations. JOUR PYLBB 695 78

A=161

^{161}Dy	2010GO09	NUCLEAR REACTIONS ^{161,162,163}Dy(^{3}He, ^{3}He'), (^{3}He, α), E=45 MeV; ^{164}Dy(^{3}He, ^{3}He'), E=38 MeV; measured Eγ, Iγ. ^{160,161,163}Dy(n, γ), E<600 keV; deduced σ using the external surrogate ratio method (SRM). JOUR PRVCA 81 054606
^{161}Ta	2009HA42	RADIOACTIVITY ^{160,160m}Ta, ^{164,164m}Re, ^{168,168m}Ir, ^{172}Au(α)[from ^{96}Ru(^{78}Kr, X), E=342, 348 MeV]; measured Eα, $\alpha\gamma$-correlations, and half-lives. ^{157,160}Hf, ^{160,164}W, ^{164,165,167,168}Os, ^{168,169,171}Ir, ^{169,170,171,172}Pt, ^{164,165}Re, ^{171,173}Au, ^{172,173}Hg(α); measured Eα, $\alpha\alpha$-correlations of α-decaying pairs. ^{160}Ta, ^{164}Re, ^{168}Ir, ^{172}Au; deduced levels and isomers. JOUR PRVCA 80 064310
	2010SC02	RADIOACTIVITY ^{162,163}W, ^{163,165}Re, ^{165,166,167}Os, ^{169,171}Ir, ^{171,172}Pt, ^{172}Au(α); measured Eα, Iα; deduced half-lives. ^{171}Pt(α); measured branching ratio. JOUR PRVCA 81 014306
^{161}W	2009HA42	RADIOACTIVITY ^{160,160m}Ta, ^{164,164m}Re, ^{168,168m}Ir, ^{172}Au(α)[from ^{96}Ru(^{78}Kr, X), E=342, 348 MeV]; measured Eα, $\alpha\gamma$-correlations, and half-lives. ^{157,160}Hf, ^{160,164}W, ^{164,165,167,168}Os, ^{168,169,171}Ir, ^{169,170,171,172}Pt, ^{164,165}Re, ^{171,173}Au, ^{172,173}Hg(α); measured Eα, $\alpha\alpha$-correlations of α-decaying pairs. ^{160}Ta, ^{164}Re, ^{168}Ir, ^{172}Au; deduced levels and isomers. JOUR PRVCA 80 064310

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

	2010SC02	RADIOACTIVITY ^{162,163}W, ^{163,165}Re, ^{165,166,167}Os, ^{169,171}Ir, ^{171,172}Pt, ^{172}Au(α); measured Eα, Iα; deduced half-lives. ^{171}Pt(α); measured branching ratio. JOUR PRVCA 81 014306
^{161}Os	2008BIZT	RADIOACTIVITY ^{161}Os(α)[from ^{106}Cd(^{58}Ni, X), E=cyclotron]; ^{157}Ta(α)[from ^{157}W(β^-)[from ^{161}Os(α)]]; measured Eα, Iα(t), (^{161}Os)α-coin. ^{161}Os, ^{157}W deduced $T_{1/2}$, reduced widths, Q-values. Results on CD only. CONF E.Lansing (NS2008),P81,Bianco
	2010BI03	NUCLEAR REACTIONS ^{106}Cd(^{58}Ni, 3n), E=290, 310 MeV; measured reaction products; deduced α spectra, α-branching, $T_{1/2}$, fine structure, ground state J, π. JOUR PYLBB 690 15
	2010BI03	RADIOACTIVITY ^{161}Os(α), ^{157}W(β^+); measured decay products; deduced $T_{1/2}$, β-branching. Comparison with shell model calculations. JOUR PYLBB 690 15

A=162

^{162}Dy	2010GO09	NUCLEAR REACTIONS ^{161,162,163}Dy(^{3}He, ^{3}He'), (^{3}He, α), E=45 MeV; ^{164}Dy(^{3}He, ^{3}He'), E=38 MeV; measured Eγ, Iγ. ^{160,161,163}Dy(n, γ), E<600 keV; deduced σ using the external surrogate ratio method (SRM). JOUR PRVCA 81 054606
	2010SO03	NUCLEAR REACTIONS ^{170}Er(^{82}Se, X)^{168}Dy / ^{170}Dy, E=460 MeV; measured mass yields, distributions of product nuclei using PRISMA spectrometer, Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin using CLARA HPGe array. ^{168}Dy; deduced levels, J, π, rotational bands, moments of inertia. ^{170}Dy; deduced 4+ to 2+ transition. ^{170}Er; measured Eγ. Z=64-72, N=94-108; systematics of levels and moments of inertia for even-even isotopes, and total Routhian surface calculations. ^{81,82,83,84,85,86,87,88,89,90}Kr, ^{162,163,164,165,166,167,168,169,170,171}Dy; measured yields of complementary beam-like and target-like fragments through 2pxn channels. JOUR PRVCA 81 034310
^{162}Tm	2010ZH26	RADIOACTIVITY ^{162,164,166}Tm, ^{166,168,170,172}Lu, ^{170,172,174,176}Ta, ^{172,174,176,178,180}Re, ^{176,178,180,182}Ir, ^{182,184,186,188}Au(IT); measured Eγ, I$\gamma(\theta)$, $\gamma\gamma$-, (K X-ray)γ-coin using in-beam spectroscopy; deduced bands, signature splittings, systematics. ^{172}Re; deduced high spin levels, J, π. JOUR NUPAB 834 32c
^{162}Hf	2009SA49	NUCLEAR REACTIONS ^{106}Cd(^{60}Ni, 3p), E=270 MeV; measured Eγ, Iγ, $\gamma\gamma$-, γ(recoil)-, $\gamma\alpha$-coin, $\gamma\gamma(\theta)$, DCO using JUROGAM array, RITU separator and GREAT spectrometer. ^{163}Ta; deduced levels, J, π, multipolarities, rotational bands, and configurations. Comparison with cranked shell model and total-Routhian surface calculations. ^{162,163,164}W, ^{162}Hf; measured Eγ. JOUR PRVCA 80 054316
^{162}W	2009SA49	NUCLEAR REACTIONS ^{106}Cd(^{60}Ni, 3p), E=270 MeV; measured Eγ, Iγ, $\gamma\gamma$-, γ(recoil)-, $\gamma\alpha$-coin, $\gamma\gamma(\theta)$, DCO using JUROGAM array, RITU separator and GREAT spectrometer. ^{163}Ta; deduced levels, J, π, multipolarities, rotational bands, and configurations. Comparison with cranked shell model and total-Routhian surface calculations. ^{162,163,164}W, ^{162}Hf; measured Eγ. JOUR PRVCA 80 054316

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

2009SA49 RADIOACTIVITY ^{159}Hf, ^{163}Ta, ^{162,163,164}W(α) [from ^{106}Cd(^{60}Ni, X), E=270 MeV]; measured Eα. JOUR PRVCA 80 054316

2010SC02 RADIOACTIVITY ^{162,163}W, ^{163,165}Re, ^{165,166,167}Os, ^{169,171}Ir, ^{171,172}Pt, ^{172}Au(α); measured Eα, Iα; deduced half-lives. ^{171}Pt(α); measured branching ratio. JOUR PRVCA 81 014306

A=163

^{163}Dy

2010GO09 NUCLEAR REACTIONS ^{161,162,163}Dy(^{3}He, ^{3}He'), (^{3}He, α), E=45 MeV; ^{164}Dy(^{3}He, ^{3}He'), E=38 MeV; measured Eγ, Iγ. ^{160,161,163}Dy(n, γ), E<600 keV; deduced σ using the external surrogate ratio method (SRM). JOUR PRVCA 81 054606

2010NY01 NUCLEAR REACTIONS ^{164}Dy(^{3}He, ^{3}He'), (^{3}He, α), E=38 MeV; measured continuum γ spectra, particle spectra, and (particle)γ-coin; deduced level density, radiative strength functions, contributions from giant dipole resonances, and integrated B(M1) strength of pygmy resonances. JOUR PRVCA 81 024325

2010SO03 NUCLEAR REACTIONS ^{170}Er(^{82}Se, X)^{168}Dy / ^{170}Dy, E=460 MeV; measured mass yields, distributions of product nuclei using PRISMA spectrometer, Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin using CLARA HPGe array. ^{168}Dy; deduced levels, J, π, rotational bands, moments of inertia. ^{170}Dy; deduced 4+ to 2+ transition. ^{170}Er; measured Eγ. Z=64-72, N=94-108; systematics of levels and moments of inertia for even-even isotopes, and total Routhian surface calculations. ^{81,82,83,84,85,86,87,88,89,90}Kr, ^{162,163,164,165,166,167,168,169,170,171}Dy; measured yields of complementary beam-like and target-like fragments through 2pxn channels. JOUR PRVCA 81 034310

^{163}Ta

2009SA49 NUCLEAR REACTIONS ^{106}Cd(^{60}Ni, 3p), E=270 MeV; measured Eγ, Iγ, $\gamma\gamma$-, γ(recoil)-, $\gamma\alpha$-coin, $\gamma\gamma(\theta)$, DCO using JUROGAM array, RITU separator and GREAT spectrometer. ^{163}Ta; deduced levels, J, π, multipolarities, rotational bands, and configurations. Comparison with cranked shell model and total-Routhian surface calculations. ^{162,163,164}W, ^{162}Hf; measured Eγ. JOUR PRVCA 80 054316

2009SA49 RADIOACTIVITY ^{159}Hf, ^{163}Ta, ^{162,163,164}W(α) [from ^{106}Cd(^{60}Ni, X), E=270 MeV]; measured Eα. JOUR PRVCA 80 054316

^{163}W

2008ERZX NUCLEAR REACTIONS ^{106}Cd(^{60}Ni, xn2p), E=270 MeV; measured A(particle), Z(particle), E(particle), Eγ, I$\gamma(\theta)$, $\gamma\gamma$-coin. ^{163}W deduced levels, J, π, high-spin states, yrast band. Results on CD only. CONF E.Lansing (NS2008),P101,Erturk

2009HA42 RADIOACTIVITY ^{160,160m}Ta, ^{164,164m}Re, ^{168,168m}Ir, ^{172}Au(α)[from ^{96}Ru(^{78}Kr, X), E=342, 348 MeV]; measured Eα, $\alpha\gamma$-correlations, and half-lives. ^{157,160}Hf, ^{160,164}W, ^{164,165,167,168}Os, ^{168,169,171}Ir, ^{169,170,171,172}Pt, ^{164,165}Re, ^{171,173}Au, ^{172,173}Hg(α); measured Eα, $\alpha\alpha$-correlations of α-decaying pairs. ^{160}Ta, ^{164}Re, ^{168}Ir, ^{172}Au; deduced levels and isomers. JOUR PRVCA 80 064310

A=163 ***(continued)***

	2009SA49	NUCLEAR REACTIONS ^{106}Cd(^{60}Ni, 3p), E=270 MeV; measured Eγ, Iγ, $\gamma\gamma$-, γ(recoil)-, $\gamma\alpha$-coin, $\gamma\gamma(\theta)$, DCO using JUROGAM array, RITU separator and GREAT spectrometer. ^{163}Ta; deduced levels, J, π, multipolarities, rotational bands, and configurations. Comparison with cranked shell model and total-Routhian surface calculations. ^{162,163,164}W, ^{162}Hf; measured Eγ. JOUR PRVCA 80 054316
	2009SA49	RADIOACTIVITY ^{159}Hf, ^{163}Ta, ^{162,163,164}W(α) [from ^{106}Cd(^{60}Ni, X), E=270 MeV]; measured Eα. JOUR PRVCA 80 054316
	2010SC02	NUCLEAR REACTIONS ^{106}Cd(^{60}Ni, n2p)^{163}W, E=270 MeV; ^{92}Mo(^{78}Kr, nα2p)^{163}W, E=380 MeV; ^{92}Mo(^{78}Kr, n2p)^{167}Os, E=357, 365 MeV; ^{96}Ru(^{78}Kr, n2p)^{171}Pt, E=348 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin using the JUROGAM array, conversion electrons, σ; deduced multipolarities, internal conversion coefficients. ^{163}W, ^{167}Os, ^{171}Pt; deduced levels, J, π, half-lives. JOUR PRVCA 81 014306
	2010SC02	RADIOACTIVITY ^{162,163}W, ^{163,165}Re, ^{165,166,167}Os, ^{169,171}Ir, ^{171,172}Pt, ^{172}Au(α); measured Eα, Iα; deduced half-lives. ^{171}Pt(α); measured branching ratio. JOUR PRVCA 81 014306
	2010TH01	NUCLEAR REACTIONS ^{106}Cd(^{60}Ni, n2p), E=270 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin using the JUROGAM array, DCO ratios. ^{163}W; deduced levels, J, π, bands, multipolarities, configurations. Comparisons with cranked Woods-Saxon shell-model calculations. JOUR PRVCA 81 014307
^{163}Re	2010SC02	RADIOACTIVITY ^{162,163}W, ^{163,165}Re, ^{165,166,167}Os, ^{169,171}Ir, ^{171,172}Pt, ^{172}Au(α); measured Eα, Iα; deduced half-lives. ^{171}Pt(α); measured branching ratio. JOUR PRVCA 81 014306

A=164

^{164}Dy	2010GO09	NUCLEAR REACTIONS ^{161,162,163}Dy(^{3}He, ^{3}He'), (^{3}He, α), E=45 MeV; ^{164}Dy(^{3}He, ^{3}He'), E=38 MeV; measured Eγ, Iγ. ^{160,161,163}Dy(n, γ), E<600 keV; deduced σ using the external surrogate ratio method (SRM). JOUR PRVCA 81 054606
	2010NY01	NUCLEAR REACTIONS ^{164}Dy(^{3}He, ^{3}He'), (^{3}He, α), E=38 MeV; measured continuum γ spectra, particle spectra, and (particle)γ-coin; deduced level density, radiative strength functions, contributions from giant dipole resonances, and integrated B(M1) strength of pygmy resonances. JOUR PRVCA 81 024325
	2010SO03	NUCLEAR REACTIONS ^{170}Er(^{82}Se, X)^{168}Dy / ^{170}Dy, E=460 MeV; measured mass yields, distributions of product nuclei using PRISMA spectrometer, Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin using CLARA HPGe array. ^{168}Dy; deduced levels, J, π, rotational bands, moments of inertia. ^{170}Dy; deduced 4+ to 2+ transition. ^{170}Er; measured Eγ. Z=64-72, N=94-108; systematics of levels and moments of inertia for even-even isotopes, and total Routhian surface calculations. ^{81,82,83,84,85,86,87,88,89,90}Kr, ^{162,163,164,165,166,167,168,169,170,171}Dy; measured yields of complementary beam-like and target-like fragments through 2pxn channels. JOUR PRVCA 81 034310

A=164 ***(continued)***

^{164}Tm	2010ZH26	RADIOACTIVITY ^{162,164,166}Tm, ^{166,168,170,172}Lu, ^{170,172,174,176}Ta, ^{172,174,176,178,180}Re, ^{176,178,180,182}Ir, ^{182,184,186,188}Au(IT); measured Eγ, I$\gamma(\theta)$, $\gamma\gamma$-, (K X-ray)γ-coin using in-beam spectroscopy; deduced bands, signature splittings, systematics. ^{172}Re; deduced high spin levels, J, π. JOUR NUPAB 834 32c
^{164}W	2009HA42	RADIOACTIVITY ^{160,160m}Ta, ^{164,164m}Re, ^{168,168m}Ir, ^{172}Au(α)[from ^{96}Ru(^{78}Kr, X), E=342, 348 MeV]; measured Eα, $\alpha\gamma$-correlations, and half-lives. ^{157,160}Hf, ^{160,164}W, ^{164,165,167,168}Os, ^{168,169,171}Ir, ^{169,170,171,172}Pt, ^{164,165}Re, ^{171,173}Au, ^{172,173}Hg(α); measured Eα, $\alpha\alpha$-correlations of α-decaying pairs. ^{160}Ta, ^{164}Re, ^{168}Ir, ^{172}Au; deduced levels and isomers. JOUR PRVCA 80 064310
	2009SA49	NUCLEAR REACTIONS ^{106}Cd(^{60}Ni, 3p), E=270 MeV; measured Eγ, Iγ, $\gamma\gamma$-, γ(recoil)-, $\gamma\alpha$-coin, $\gamma\gamma(\theta)$, DCO using JUROGAM array, RITU separator and GREAT spectrometer. ^{163}Ta; deduced levels, J, π, multipolarities, rotational bands, and configurations. Comparison with cranked shell model and total-Routhian surface calculations. ^{162,163,164}W, ^{162}Hf; measured Eγ. JOUR PRVCA 80 054316
	2009SA49	RADIOACTIVITY ^{159}Hf, ^{163}Ta, ^{162,163,164}W(α) [from ^{106}Cd(^{60}Ni, X), E=270 MeV]; measured Eα. JOUR PRVCA 80 054316
^{164}Re	2009HA42	RADIOACTIVITY ^{160,160m}Ta, ^{164,164m}Re, ^{168,168m}Ir, ^{172}Au(α)[from ^{96}Ru(^{78}Kr, X), E=342, 348 MeV]; measured Eα, $\alpha\gamma$-correlations, and half-lives. ^{157,160}Hf, ^{160,164}W, ^{164,165,167,168}Os, ^{168,169,171}Ir, ^{169,170,171,172}Pt, ^{164,165}Re, ^{171,173}Au, ^{172,173}Hg(α); measured Eα, $\alpha\alpha$-correlations of α-decaying pairs. ^{160}Ta, ^{164}Re, ^{168}Ir, ^{172}Au; deduced levels and isomers. JOUR PRVCA 80 064310
^{164}Os	2009HA42	RADIOACTIVITY ^{160,160m}Ta, ^{164,164m}Re, ^{168,168m}Ir, ^{172}Au(α)[from ^{96}Ru(^{78}Kr, X), E=342, 348 MeV]; measured Eα, $\alpha\gamma$-correlations, and half-lives. ^{157,160}Hf, ^{160,164}W, ^{164,165,167,168}Os, ^{168,169,171}Ir, ^{169,170,171,172}Pt, ^{164,165}Re, ^{171,173}Au, ^{172,173}Hg(α); measured Eα, $\alpha\alpha$-correlations of α-decaying pairs. ^{160}Ta, ^{164}Re, ^{168}Ir, ^{172}Au; deduced levels and isomers. JOUR PRVCA 80 064310

A=165

^{165}Dy	2010SO03	NUCLEAR REACTIONS ^{170}Er(^{82}Se, X)^{168}Dy / ^{170}Dy, E=460 MeV; measured mass yields, distributions of product nuclei using PRISMA spectrometer, Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin using CLARA HPGe array. ^{168}Dy; deduced levels, J, π, rotational bands, moments of inertia. ^{170}Dy; deduced 4+ to 2+ transition. ^{170}Er; measured Eγ. Z=64-72, N=94-108; systematics of levels and moments of inertia for even-even isotopes, and total Routhian surface calculations. ^{81,82,83,84,85,86,87,88,89,90}Kr, ^{162,163,164,165,166,167,168,169,170,171}Dy; measured yields of complementary beam-like and target-like fragments through 2pxn channels. JOUR PRVCA 81 034310
^{165}Er	2009WA23	NUCLEAR REACTIONS ^{160}Gd(^{9}Be, 4n), E=42, 45 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin; ^{165}Er; deduced levels, J, π, bands, B(E1), octupole deformation. JOUR CPCHC 33 629

A=165 *(continued)*

^{165}Tm	2010TA03	NUCLEAR REACTIONS ^{167}Er, ^{168}Er(p, n), ^{167}Er(p, n), ^{166}Er(p, 2n), Ti(p, X)^{48}V, E<15 MeV; measured Eγ, Iγ; deduced σ. Comparison with ALICE-IPPE, EMPIRE-II, TALYS nuclear reaction model codes. JOUR ARISE 68 250
^{165}Re	2009HA42	RADIOACTIVITY ^{160,160m}Ta, ^{164,164m}Re, ^{168,168m}Ir, ^{172}Au(α)[from ^{96}Ru(^{78}Kr, X), E=342, 348 MeV]; measured Eα, $\alpha\gamma$-correlations, and half-lives. ^{157,160}Hf, ^{160,164}W, ^{164,165,167,168}Os, ^{168,169,171}Ir, ^{169,170,171,172}Pt, ^{164,165}Re, ^{171,173}Au, ^{172,173}Hg(α); measured Eα, $\alpha\alpha$-correlations of α-decaying pairs. ^{160}Ta, ^{164}Re, ^{168}Ir, ^{172}Au; deduced levels and isomers. JOUR PRVCA 80 064310
	2010SC02	RADIOACTIVITY ^{162,163}W, ^{163,165}Re, ^{165,166,167}Os, ^{169,171}Ir, ^{171,172}Pt, ^{172}Au(α); measured Eα, Iα; deduced half-lives. ^{171}Pt(α); measured branching ratio. JOUR PRVCA 81 014306
^{165}Os	2009HA42	RADIOACTIVITY ^{160,160m}Ta, ^{164,164m}Re, ^{168,168m}Ir, ^{172}Au(α)[from ^{96}Ru(^{78}Kr, X), E=342, 348 MeV]; measured Eα, $\alpha\gamma$-correlations, and half-lives. ^{157,160}Hf, ^{160,164}W, ^{164,165,167,168}Os, ^{168,169,171}Ir, ^{169,170,171,172}Pt, ^{164,165}Re, ^{171,173}Au, ^{172,173}Hg(α); measured Eα, $\alpha\alpha$-correlations of α-decaying pairs. ^{160}Ta, ^{164}Re, ^{168}Ir, ^{172}Au; deduced levels and isomers. JOUR PRVCA 80 064310
	2010SC02	RADIOACTIVITY ^{162,163}W, ^{163,165}Re, ^{165,166,167}Os, ^{169,171}Ir, ^{171,172}Pt, ^{172}Au(α); measured Eα, Iα; deduced half-lives. ^{171}Pt(α); measured branching ratio. JOUR PRVCA 81 014306

A=166

^{166}Dy	2010SO03	NUCLEAR REACTIONS ^{170}Er(^{82}Se, X)^{168}Dy / ^{170}Dy, E=460 MeV; measured mass yields, distributions of product nuclei using PRISMA spectrometer, Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin using CLARA HPGe array. ^{168}Dy; deduced levels, J, π, rotational bands, moments of inertia. ^{170}Dy; deduced 4+ to 2+ transition. ^{170}Er; measured Eγ. Z=64-72, N=94-108; systematics of levels and moments of inertia for even-even isotopes, and total Routhian surface calculations. ^{81,82,83,84,85,86,87,88,89,90}Kr, ^{162,163,164,165,166,167,168,169,170,171}Dy; measured yields of complementary beam-like and target-like fragments through 2pxn channels. JOUR PRVCA 81 034310
^{166}Ho	2010BU06	NUCLEAR REACTIONS ^{152}Sm, ^{165}Ho, ^{55}Mn, ^{98}Mo, ^{197}Au(n, γ), E=epithermal; measured Eγ, Iγ; deduced resonance energies. Comparison with theoretical calculations. JOUR NIMBE 268 2578
^{166}Er	2009WIZU	NUCLEAR REACTIONS ^{154}Sm, ^{166}Er(^{16}O, ^{16}O'), E=55, 60, 65 MeV; measured conversion electrons Ee, Ie after Coulomb excitation; deduced E, J, π, monopole strength, B(E2), β-band, γ-band; calculated E, J, π, transition strengths. CONF Cologne (Capture Gamma-Ray Spectroscopy) Proc,P539,Wimmer
^{166}Tm	2010ZH26	RADIOACTIVITY ^{162,164,166}Tm, ^{166,168,170,172}Lu, ^{170,172,174,176}Ta, ^{172,174,176,178,180}Re, ^{176,178,180,182}Ir, ^{182,184,186,188}Au(IT); measured Eγ, I$\gamma(\theta)$, $\gamma\gamma$-, (K X-ray)γ-coin using in-beam spectroscopy; deduced bands, signature splittings, systematics. ^{172}Re; deduced high spin levels, J, π. JOUR NUPAB 834 32c

A=166 ***(continued)***

^{166}Lu	2010ZH26	RADIOACTIVITY ^{162,164,166}Tm, ^{166,168,170,172}Lu, ^{170,172,174,176}Ta, ^{172,174,176,178,180}Re, ^{176,178,180,182}Ir, ^{182,184,186,188}Au(IT); measured Eγ, I$\gamma(\theta)$, $\gamma\gamma$-, (K X-ray)γ-coin using in-beam spectroscopy; deduced bands, signature splittings, systematics. ^{172}Re; deduced high spin levels, J, π. JOUR NUPAB 834 32c
^{166}Os	2009HA42	RADIOACTIVITY ^{160,160m}Ta, ^{164,164m}Re, ^{168,168m}Ir, ^{172}Au(α)[from ^{96}Ru(^{78}Kr, X), E=342, 348 MeV]; measured Eα, $\alpha\gamma$-correlations, and half-lives. ^{157,160}Hf, ^{160,164}W, ^{164,165,167,168}Os, ^{168,169,171}Ir, ^{169,170,171,172}Pt, ^{164,165}Re, ^{171,173}Au, ^{172,173}Hg(α); measured Eα, $\alpha\alpha$-correlations of α-decaying pairs. ^{160}Ta, ^{164}Re, ^{168}Ir, ^{172}Au; deduced levels and isomers. JOUR PRVCA 80 064310
	2010SC02	RADIOACTIVITY ^{162,163}W, ^{163,165}Re, ^{165,166,167}Os, ^{169,171}Ir, ^{171,172}Pt, ^{172}Au(α); measured Eα, Iα; deduced half-lives. ^{171}Pt(α); measured branching ratio. JOUR PRVCA 81 014306

A=167

^{167}Dy	2010SO03	NUCLEAR REACTIONS ^{170}Er(^{82}Se, X)^{168}Dy / ^{170}Dy, E=460 MeV; measured mass yields, distributions of product nuclei using PRISMA spectrometer, Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin using CLARA HPGe array. ^{168}Dy; deduced levels, J, π, rotational bands, moments of inertia. ^{170}Dy; deduced 4+ to 2+ transition. ^{170}Er; measured Eγ. Z=64-72, N=94-108; systematics of levels and moments of inertia for even-even isotopes, and total Routhian surface calculations. ^{81,82,83,84,85,86,87,88,89,90}Kr, ^{162,163,164,165,166,167,168,169,170,171}Dy; measured yields of complementary beam-like and target-like fragments through 2pxn channels. JOUR PRVCA 81 034310
^{167}Tm	2010TA03	NUCLEAR REACTIONS ^{167}Er, ^{168}Er(p, n), ^{167}Er(p, n), ^{166}Er(p, 2n), Ti(p, X)^{48}V, E<15 MeV; measured Eγ, Iγ; deduced σ. Comparison with ALICE-IPPE, EMPIRE-II, TALYS nuclear reaction model codes. JOUR ARISE 68 250
^{167}Re	2009HA42	RADIOACTIVITY ^{160,160m}Ta, ^{164,164m}Re, ^{168,168m}Ir, ^{172}Au(α)[from ^{96}Ru(^{78}Kr, X), E=342, 348 MeV]; measured Eα, $\alpha\gamma$-correlations, and half-lives. ^{157,160}Hf, ^{160,164}W, ^{164,165,167,168}Os, ^{168,169,171}Ir, ^{169,170,171,172}Pt, ^{164,165}Re, ^{171,173}Au, ^{172,173}Hg(α); measured Eα, $\alpha\alpha$-correlations of α-decaying pairs. ^{160}Ta, ^{164}Re, ^{168}Ir, ^{172}Au; deduced levels and isomers. JOUR PRVCA 80 064310
	2010SC02	RADIOACTIVITY ^{162,163}W, ^{163,165}Re, ^{165,166,167}Os, ^{169,171}Ir, ^{171,172}Pt, ^{172}Au(α); measured Eα, Iα; deduced half-lives. ^{171}Pt(α); measured branching ratio. JOUR PRVCA 81 014306
^{167}Os	2009HA42	RADIOACTIVITY ^{160,160m}Ta, ^{164,164m}Re, ^{168,168m}Ir, ^{172}Au(α)[from ^{96}Ru(^{78}Kr, X), E=342, 348 MeV]; measured Eα, $\alpha\gamma$-correlations, and half-lives. ^{157,160}Hf, ^{160,164}W, ^{164,165,167,168}Os, ^{168,169,171}Ir, ^{169,170,171,172}Pt, ^{164,165}Re, ^{171,173}Au, ^{172,173}Hg(α); measured Eα, $\alpha\alpha$-correlations of α-decaying pairs. ^{160}Ta, ^{164}Re, ^{168}Ir, ^{172}Au; deduced levels and isomers. JOUR PRVCA 80 064310

A=167 ***(continued)***

	2010SC02	NUCLEAR REACTIONS ^{106}Cd(^{60}Ni, n2p)^{163}W, E=270 MeV; ^{92}Mo(^{78}Kr, nα2p)^{163}W, E=380 MeV; ^{92}Mo(^{78}Kr, n2p)^{167}Os, E=357, 365 MeV; ^{96}Ru(^{78}Kr, n2p)^{171}Pt, E=348 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin using the JUROGAM array, conversion electrons, σ; deduced multipolarities, internal conversion coefficients. ^{163}W, ^{167}Os, ^{171}Pt; deduced levels, J, π, half-lives. JOUR PRVCA 81 014306
	2010SC02	RADIOACTIVITY ^{162,163}W, ^{163,165}Re, ^{165,166,167}Os, ^{169,171}Ir, ^{171,172}Pt, ^{172}Au(α); measured Eα, Iα; deduced half-lives. ^{171}Pt(α); measured branching ratio. JOUR PRVCA 81 014306
^{167}Ir	2009HA42	RADIOACTIVITY ^{160,160m}Ta, ^{164,164m}Re, ^{168,168m}Ir, ^{172}Au(α)[from ^{96}Ru(^{78}Kr, X), E=342, 348 MeV]; measured Eα, $\alpha\gamma$-correlations, and half-lives. ^{157,160}Hf, ^{160,164}W, ^{164,165,167,168}Os, ^{168,169,171}Ir, ^{169,170,171,172}Pt, ^{164,165}Re, ^{171,173}Au, ^{172,173}Hg(α); measured Eα, $\alpha\alpha$-correlations of α-decaying pairs. ^{160}Ta, ^{164}Re, ^{168}Ir, ^{172}Au; deduced levels and isomers. JOUR PRVCA 80 064310

A=168

^{168}Dy	2010SO03	NUCLEAR REACTIONS ^{170}Er(^{82}Se, X)^{168}Dy / ^{170}Dy, E=460 MeV; measured mass yields, distributions of product nuclei using PRISMA spectrometer, Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin using CLARA HPGe array. ^{168}Dy; deduced levels, J, π, rotational bands, moments of inertia. ^{170}Dy; deduced 4+ to 2+ transition. ^{170}Er; measured Eγ. Z=64-72, N=94-108; systematics of levels and moments of inertia for even-even isotopes, and total Routhian surface calculations. ^{81,82,83,84,85,86,87,88,89,90}Kr, ^{162,163,164,165,166,167,168,169,170,171}Dy; measured yields of complementary beam-like and target-like fragments through 2pxn channels. JOUR PRVCA 81 034310
^{168}Er	2010DR02	NUCLEAR REACTIONS ^{170}Er(^{136}Xe, X)^{168}Er / ^{170}Er / ^{172}Er, E=830 MeV; measured Eγ, Iγ, $\gamma\gamma$, $\gamma\gamma$(t), and isomer half-lives using Gammasphere array. ^{168,170,172}Er; deduced levels, J, π, rotational bands, multipolarities, B(E1), B(M1), B(E2), K-hindrance factors, configurations, quasiparticle structures, and g_K-g_R. JOUR PRVCA 81 054313
^{168}Tm	2010TA03	NUCLEAR REACTIONS ^{167}Er, ^{168}Er(p, n), ^{167}Er(p, n), ^{166}Er(p, 2n), Ti(p, X)^{48}V, E<15 MeV; measured Eγ, Iγ; deduced σ. Comparison with ALICE-IPPE, EMPIRE-II, TALYS nuclear reaction model codes. JOUR ARISE 68 250
^{168}Lu	2010ZH26	RADIOACTIVITY ^{162,164,166}Tm, ^{166,168,170,172}Lu, ^{170,172,174,176}Ta, ^{172,174,176,178,180}Re, ^{176,178,180,182}Ir, ^{182,184,186,188}Au(IT); measured Eγ, I$\gamma(\theta)$, $\gamma\gamma$-, (K X-ray)γ-coin using in-beam spectroscopy; deduced bands, signature splittings, systematics. ^{172}Re; deduced high spin levels, J, π. JOUR NUPAB 834 32c
^{168}Hf	2008YAZN	NUCLEAR REACTIONS ^{96}Zr(^{76}Ge, 4n), E=310 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, thin, thick target; deduced E, J, π, deformation, inertia moment, bands, superdeformation. Results on CD only. CONF E.Lansing (NS2008),P41,Yadav

A=168 ***(continued)***

	2009PIZX	NUCLEAR REACTIONS ^{124}Sn(^{48}Ti, 4n), E=190 MeV; measured Eγ, Iγ, $\theta(\gamma)$; deduced quadrupole moments, half-life along ground-state band, E0, E2 strengths. Compared with calculations of Bonnet et al. using X(5) and CBS. Confined β-soft (CBS) rotor model. CONF Cologne (Capture Gamma-Ray Spectroscopy) Proc,P524,Pietralla
	2009YA21	NUCLEAR REACTIONS ^{96}Zr(^{76}Ge, 4n), E=310 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$(DCO) using Gammasphere array. ^{168}Hf; deduced levels, J, π, bands, multipolarity, B(M1) / B(E2) ratios, configurations, and enhanced deformation band. Comparison with cranked shell-model calculations. JOUR PRVCA 80 064306
^{168}Ta	2010WA36	NUCLEAR REACTIONS ^{120}Sn(^{51}V, 3n), E=235 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin using Gammasphere array. ^{168}Ta, deduced levels, J, π, B(M1) / B(E2) values, energy staggerings of signature partners, alignments, two-quasiparticle bands, configurations. Comparisons with cranked shell model calculations, and with band structures of ^{162,164,166}Tm, ^{164,166,169}Lu, ^{167}Hf and ^{166,167,170}Ta. JOUR PRVCA 82 034315
^{168}Os	2009AN20	RADIOACTIVITY ^{180,181}Pb(α) [from ^{144}Sm(^{40}Ca, xn), E=196 MeV];measured Eα, Iα, (evaporation residues)α-, $\alpha\gamma$-coin, α-α correlations, and half-lives using SHIP at GSI facility; deduced branching ratios and α-reduced widths. ^{177}Hg; deduced levels, J, π. ^{172,173}Pt, ^{176,177}Hg(α); measured Eα, half-life. ^{178}Hg, ^{182}Pb; measured Eα. JOUR PRVCA 80 054322
	2009HA42	RADIOACTIVITY ^{160,160m}Ta, ^{164,164m}Re, ^{168,168m}Ir, ^{172}Au(α)[from ^{96}Ru(^{78}Kr, X), E=342, 348 MeV]; measured Eα, $\alpha\gamma$-correlations, and half-lives. ^{157,160}Hf, ^{160,164}W, ^{164,165,167,168}Os, ^{168,169,171}Ir, ^{169,170,171,172}Pt, ^{164,165}Re, ^{171,173}Au, ^{172,173}Hg(α); measured Eα, $\alpha\alpha$-correlations of α-decaying pairs. ^{160}Ta, ^{164}Re, ^{168}Ir, ^{172}Au; deduced levels and isomers. JOUR PRVCA 80 064310
	2010SC02	RADIOACTIVITY ^{162,163}W, ^{163,165}Re, ^{165,166,167}Os, ^{169,171}Ir, ^{171,172}Pt, ^{172}Au(α); measured Eα, Iα; deduced half-lives. ^{171}Pt(α); measured branching ratio. JOUR PRVCA 81 014306
^{168}Ir	2009HA42	RADIOACTIVITY ^{160,160m}Ta, ^{164,164m}Re, ^{168,168m}Ir, ^{172}Au(α)[from ^{96}Ru(^{78}Kr, X), E=342, 348 MeV]; measured Eα, $\alpha\gamma$-correlations, and half-lives. ^{157,160}Hf, ^{160,164}W, ^{164,165,167,168}Os, ^{168,169,171}Ir, ^{169,170,171,172}Pt, ^{164,165}Re, ^{171,173}Au, ^{172,173}Hg(α); measured Eα, $\alpha\alpha$-correlations of α-decaying pairs. ^{160}Ta, ^{164}Re, ^{168}Ir, ^{172}Au; deduced levels and isomers. JOUR PRVCA 80 064310
	2010SC02	RADIOACTIVITY ^{162,163}W, ^{163,165}Re, ^{165,166,167}Os, ^{169,171}Ir, ^{171,172}Pt, ^{172}Au(α); measured Eα, Iα; deduced half-lives. ^{171}Pt(α); measured branching ratio. JOUR PRVCA 81 014306
^{168}Pt	2009HA42	RADIOACTIVITY ^{160,160m}Ta, ^{164,164m}Re, ^{168,168m}Ir, ^{172}Au(α)[from ^{96}Ru(^{78}Kr, X), E=342, 348 MeV]; measured Eα, $\alpha\gamma$-correlations, and half-lives. ^{157,160}Hf, ^{160,164}W, ^{164,165,167,168}Os, ^{168,169,171}Ir, ^{169,170,171,172}Pt, ^{164,165}Re, ^{171,173}Au, ^{172,173}Hg(α); measured Eα, $\alpha\alpha$-correlations of α-decaying pairs. ^{160}Ta, ^{164}Re, ^{168}Ir, ^{172}Au; deduced levels and isomers. JOUR PRVCA 80 064310

A=169

^{169}Dy	2010SO03	NUCLEAR REACTIONS ^{170}Er(^{82}Se, X)^{168}Dy / ^{170}Dy, E=460 MeV; measured mass yields, distributions of product nuclei using PRISMA spectrometer, Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin using CLARA HPGe array. ^{168}Dy; deduced levels, J, π, rotational bands, moments of inertia. ^{170}Dy; deduced 4+ to 2+ transition. ^{170}Er; measured Eγ. Z=64-72, N=94-108; systematics of levels and moments of inertia for even-even isotopes, and total Routhian surface calculations. ^{81,82,83,84,85,86,87,88,89,90}Kr, ^{162,163,164,165,166,167,168,169,170,171}Dy; measured yields of complementary beam-like and target-like fragments through 2pxn channels. JOUR PRVCA 81 034310
^{169}Ho	2010DR05	NUCLEAR REACTIONS ^{170}Er(^{136}Xe, X), E=830 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, delayed spectra, half-lives and branching ratios using Gammasphere array. ^{169}Ho, ^{171}Tm; deduced levels, J, π, isomer, transition strengths and hindrances, g_K-g_R values, bands and quasiparticle configurations. JOUR PRVCA 82 034317
^{169}Yb	2008KIZP	NUCLEAR REACTIONS Er(α, x)^{169}Yb, E≈0-36 MeV; Yb(α, x)^{169}Yb, E≈18-38 MeV; Yb(α, x)^{177}Lu, E≈8-38 MeV; measured Eγ, Iγ; deduced σ, yields; calculated σ using ALICE-IPPE. Compared to other data. CONF Nice (Nucl Data for Sci and Technol) Proc,P1371
	2010MA50	NUCLEAR REACTIONS ^{168}Yb, ^{180}W, ^{184}Os, ^{190}Pt, ^{196}Hg(n, γ), E=spectrum[neutrons from ^{7}Li(p, n), E=1912 keV]; measured Eγ, Iγ, σ using activation method; deduced capture cross sections for an average neutron energy of kT=25 keV. Comparison with previous measurements. Discussed impact on p-process network. JOUR PRVCA 82 035806
	2011MA01	NUCLEAR REACTIONS Yb(d, xn)^{169}Lu / ^{170}Lu / ^{171}Lu / ^{172}Lu / ^{173}Lu / ^{174}Lu / ^{176}Lu / ^{177}Lu, Yb(d, xnp)^{169}Yb / ^{175}Yb / ^{177}Yb, E<18.18 MeV; measured Eγ, Iγ; deduced thin target yields, thick target yields, σ. Comparison with experimental data. JOUR ARISE 69 37
^{169}Lu	2011MA01	NUCLEAR REACTIONS Yb(d, xn)^{169}Lu / ^{170}Lu / ^{171}Lu / ^{172}Lu / ^{173}Lu / ^{174}Lu / ^{176}Lu / ^{177}Lu, Yb(d, xnp)^{169}Yb / ^{175}Yb / ^{177}Yb, E<18.18 MeV; measured Eγ, Iγ; deduced thin target yields, thick target yields, σ. Comparison with experimental data. JOUR ARISE 69 37
^{169}Os	2009AN20	RADIOACTIVITY ^{180,181}Pb(α) [from ^{144}Sm(^{40}Ca, xn), E=196 MeV];measured Eα, Iα, (evaporation residues)α-, $\alpha\gamma$-coin, α-α correlations, and half-lives using SHIP at GSI facility; deduced branching ratios and α-reduced widths. ^{177}Hg; deduced levels, J, π. ^{172,173}Pt, ^{176,177}Hg(α); measured Eα, half-life. ^{178}Hg, ^{182}Pb; measured Eα. JOUR PRVCA 80 054322
^{169}Ir	2009HA42	RADIOACTIVITY ^{160,160m}Ta, ^{164,164m}Re, ^{168,168m}Ir, ^{172}Au(α)[from ^{96}Ru(^{78}Kr, X), E=342, 348 MeV]; measured Eα, $\alpha\gamma$-correlations, and half-lives. ^{157,160}Hf, ^{160,164}W, ^{164,165,167,168}Os, ^{168,169,171}Ir, ^{169,170,171,172}Pt, ^{164,165}Re, ^{171,173}Au, ^{172,173}Hg(α); measured Eα, $\alpha\alpha$-correlations of α-decaying pairs. ^{160}Ta, ^{164}Re, ^{168}Ir, ^{172}Au; deduced levels and isomers. JOUR PRVCA 80 064310

A=169 ***(continued)***

	2010SC02	RADIOACTIVITY ^{162,163}W, ^{163,165}Re, ^{165,166,167}Os, ^{169,171}Ir, ^{171,172}Pt, ^{172}Au(α); measured Eα, Iα; deduced half-lives. ^{171}Pt(α); measured branching ratio. JOUR PRVCA 81 014306
^{169}Pt	2009HA42	RADIOACTIVITY ^{160,160m}Ta, ^{164,164m}Re, ^{168,168m}Ir, ^{172}Au(α)[from ^{96}Ru(^{78}Kr, X), E=342, 348 MeV]; measured Eα, $\alpha\gamma$-correlations, and half-lives. ^{157,160}Hf, ^{160,164}W, ^{164,165,167,168}Os, ^{168,169,171}Ir, ^{169,170,171,172}Pt, ^{164,165}Re, ^{171,173}Au, ^{172,173}Hg(α); measured Eα, $\alpha\alpha$-correlations of α-decaying pairs. ^{160}Ta, ^{164}Re, ^{168}Ir, ^{172}Au; deduced levels and isomers. JOUR PRVCA 80 064310

A=170

^{170}Dy	2010SO03	NUCLEAR REACTIONS ^{170}Er(^{82}Se, X)^{168}Dy / ^{170}Dy, E=460 MeV; measured mass yields, distributions of product nuclei using PRISMA spectrometer, Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin using CLARA HPGe array. ^{168}Dy; deduced levels, J, π, rotational bands, moments of inertia. ^{170}Dy; deduced 4+ to 2+ transition. ^{170}Er; measured Eγ. Z=64-72, N=94-108; systematics of levels and moments of inertia for even-even isotopes, and total Routhian surface calculations. ^{81,82,83,84,85,86,87,88,89,90}Kr, ^{162,163,164,165,166,167,168,169,170,171}Dy; measured yields of complementary beam-like and target-like fragments through 2pxn channels. JOUR PRVCA 81 034310
^{170}Er	2010DR02	NUCLEAR REACTIONS ^{170}Er(^{136}Xe, X)^{168}Er / ^{170}Er / ^{172}Er, E=830 MeV; measured Eγ, Iγ, $\gamma\gamma$, $\gamma\gamma$(t), and isomer half-lives using Gammasphere array. ^{168,170,172}Er; deduced levels, J, π, rotational bands, multipolarities, B(E1), B(M1), B(E2), K-hindrance factors, configurations, quasiparticle structures, and g_K-g_R. JOUR PRVCA 81 054313
	2010SO03	NUCLEAR REACTIONS ^{170}Er(^{82}Se, X)^{168}Dy / ^{170}Dy, E=460 MeV; measured mass yields, distributions of product nuclei using PRISMA spectrometer, Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin using CLARA HPGe array. ^{168}Dy; deduced levels, J, π, rotational bands, moments of inertia. ^{170}Dy; deduced 4+ to 2+ transition. ^{170}Er; measured Eγ. Z=64-72, N=94-108; systematics of levels and moments of inertia for even-even isotopes, and total Routhian surface calculations. ^{81,82,83,84,85,86,87,88,89,90}Kr, ^{162,163,164,165,166,167,168,169,170,171}Dy; measured yields of complementary beam-like and target-like fragments through 2pxn channels. JOUR PRVCA 81 034310
^{170}Yb	2011MA01	RADIOACTIVITY ^{170,171,172}Lu(EC), ^{176,177}Lu, ^{175,177}Yb(β^-); measured Eγ, Iγ; deduced $T_{1/2}$. Comparison with other data. JOUR ARISE 69 37
^{170}Lu	2010ZH26	RADIOACTIVITY ^{162,164,166}Tm, ^{166,168,170,172}Lu, ^{170,172,174,176}Ta, ^{172,174,176,178,180}Re, ^{176,178,180,182}Ir, ^{182,184,186,188}Au(IT); measured Eγ, I$\gamma(\theta)$, $\gamma\gamma$-, (K X-ray)γ-coin using in-beam spectroscopy; deduced bands, signature splittings, systematics. ^{172}Re; deduced high spin levels, J, π. JOUR NUPAB 834 32c

A=170 *(continued)*

	2011MA01	NUCLEAR REACTIONS Yb(d, xn)^{169}Lu / ^{170}Lu / ^{171}Lu / ^{172}Lu / ^{173}Lu / ^{174}Lu / ^{176}Lu / ^{177}Lu, Yb(d, xnp)^{169}Yb / ^{175}Yb / ^{177}Yb, E<18.18 MeV; measured Eγ, Iγ; deduced thin target yields, thick target yields, σ. Comparison with experimental data. JOUR ARISE 69 37
	2011MA01	RADIOACTIVITY ^{170,171,172}Lu(EC), ^{176,177}Lu, ^{175,177}Yb(β^-); measured Eγ, Iγ; deduced $T_{1/2}$. Comparison with other data. JOUR ARISE 69 37
^{170}Ta	2010AG06	NUCLEAR REACTIONS ^{124}Sn(^{51}V, 5n), E=228 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$ using Gammasphere array. ^{170}Ta; deduced levels, J, π, rotational bands, configurations, Routhians, signature inversions, B(M1) / B(E2) ratios. JOUR PRVCA 81 064317
	2010ZH26	RADIOACTIVITY ^{162,164,166}Tm, ^{166,168,170,172}Lu, ^{170,172,174,176}Ta, ^{172,174,176,178,180}Re, ^{176,178,180,182}Ir, ^{182,184,186,188}Au(IT); measured Eγ, I$\gamma(\theta)$, $\gamma\gamma$-, (K X-ray)γ-coin using in-beam spectroscopy; deduced bands, signature splittings, systematics. ^{172}Re; deduced high spin levels, J, π. JOUR NUPAB 834 32c
^{170}Pt	2009HA42	RADIOACTIVITY ^{160,160m}Ta, ^{164,164m}Re, ^{168,168m}Ir, ^{172}Au(α)[from ^{96}Ru(^{78}Kr, X), E=342, 348 MeV]; measured Eα, $\alpha\gamma$-correlations, and half-lives. ^{157,160}Hf, ^{160,164}W, ^{164,165,167,168}Os, ^{168,169,171}Ir, ^{169,170,171,172}Pt, ^{164,165}Re, ^{171,173}Au, ^{172,173}Hg(α); measured Eα, $\alpha\alpha$-correlations of α-decaying pairs. ^{160}Ta, ^{164}Re, ^{168}Ir, ^{172}Au; deduced levels and isomers. JOUR PRVCA 80 064310

A=171

^{171}Dy	2010SO03	NUCLEAR REACTIONS ^{170}Er(^{82}Se, X)^{168}Dy / ^{170}Dy, E=460 MeV; measured mass yields, distributions of product nuclei using PRISMA spectrometer, Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin using CLARA HPGe array. ^{168}Dy; deduced levels, J, π, rotational bands, moments of inertia. ^{170}Dy; deduced 4+ to 2+ transition. ^{170}Er; measured Eγ. Z=64-72, N=94-108; systematics of levels and moments of inertia for even-even isotopes, and total Routhian surface calculations. ^{81,82,83,84,85,86,87,88,89,90}Kr, ^{162,163,164,165,166,167,168,169,170,171}Dy; measured yields of complementary beam-like and target-like fragments through 2pxn channels. JOUR PRVCA 81 034310
^{171}Er	2008LEZO	NUCLEAR REACTIONS ^{170}Er, ^{180}Hf, ^{242}Pu, ^{232}Th(n, γ), E=reactor spectrum; measured Eγ, Iγ; deduced ^{171}Er, ^{181}Hf, ^{243}Pu, ^{233}Pa integral σ; compared to JEFF-3.1. CONF Nice (Nucl Data for Sci and Technol) Proc,P521
^{171}Tm	2010DR05	NUCLEAR REACTIONS ^{170}Er(^{136}Xe, X), E=830 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, delayed spectra, half-lives and branching ratios using Gammasphere array. ^{169}Ho, ^{171}Tm; deduced levels, J, π, isomer, transition strengths and hindrances, g_K-g_R values, bands and quasiparticle configurations. JOUR PRVCA 82 034317
^{171}Yb	2011MA01	RADIOACTIVITY ^{170,171,172}Lu(EC), ^{176,177}Lu, ^{175,177}Yb(β^-); measured Eγ, Iγ; deduced $T_{1/2}$. Comparison with other data. JOUR ARISE 69 37

A=171 ***(continued)***

^{171}Lu	2009SI34	NUCLEAR REACTIONS ^{169}Tm(^{12}C, X)^{171}Lu / ^{173}Ta / ^{174}Ta / ^{175}Ta / ^{176}W / ^{176}Re / ^{177}Re / ^{178}Re / ^{180}Ir / ^{180}Os / , E=5.6, 6.5 MeV / nucleon; measured α spectra, Eγ, Iγ, γ(particle)-coin; deduced yields, spin distributions, and role of angular momentum on yields in incomplete fusion. Comparison with data for ^{169}Tm(^{16}O, X) reaction. JOUR PRVCA 80 064603
	2011MA01	NUCLEAR REACTIONS Yb(d, xn)^{169}Lu / ^{170}Lu / ^{171}Lu / ^{172}Lu / ^{173}Lu / ^{174}Lu / ^{176}Lu / ^{177}Lu, Yb(d, xnp)^{169}Yb / ^{175}Yb / ^{177}Yb, E<18.18 MeV; measured Eγ, Iγ; deduced thin target yields, thick target yields, σ. Comparison with experimental data. JOUR ARISE 69 37
	2011MA01	RADIOACTIVITY ^{170,171,172}Lu(EC), ^{176,177}Lu, ^{175,177}Yb(β^-); measured Eγ, Iγ; deduced $T_{1/2}$. Comparison with other data. JOUR ARISE 69 37
^{171}Ir	2009HA42	RADIOACTIVITY ^{160,160m}Ta, ^{164,164m}Re, ^{168,168m}Ir, ^{172}Au(α)[from ^{96}Ru(^{78}Kr, X), E=342, 348 MeV]; measured Eα, $\alpha\gamma$-correlations, and half-lives. ^{157,160}Hf, ^{160,164}W, ^{164,165,167,168}Os, ^{168,169,171}Ir, ^{169,170,171,172}Pt, ^{164,165}Re, ^{171,173}Au, ^{172,173}Hg(α); measured Eα, $\alpha\alpha$-correlations of α-decaying pairs. ^{160}Ta, ^{164}Re, ^{168}Ir, ^{172}Au; deduced levels and isomers. JOUR PRVCA 80 064310
	2010AN01	RADIOACTIVITY ^{179}Tl, ^{175}Au, ^{179}Pb(α) [from ^{144}Sm(^{40}Ca, 5n), E=232 MeV]; measured Eα, Iα; deduced $T_{1/2}$, J, π. JOUR JPGPE 37 035102
	2010SC02	RADIOACTIVITY ^{162,163}W, ^{163,165}Re, ^{165,166,167}Os, ^{169,171}Ir, ^{171,172}Pt, ^{172}Au(α); measured Eα, Iα; deduced half-lives. ^{171}Pt(α); measured branching ratio. JOUR PRVCA 81 014306
^{171}Pt	2009HA42	RADIOACTIVITY ^{160,160m}Ta, ^{164,164m}Re, ^{168,168m}Ir, ^{172}Au(α)[from ^{96}Ru(^{78}Kr, X), E=342, 348 MeV]; measured Eα, $\alpha\gamma$-correlations, and half-lives. ^{157,160}Hf, ^{160,164}W, ^{164,165,167,168}Os, ^{168,169,171}Ir, ^{169,170,171,172}Pt, ^{164,165}Re, ^{171,173}Au, ^{172,173}Hg(α); measured Eα, $\alpha\alpha$-correlations of α-decaying pairs. ^{160}Ta, ^{164}Re, ^{168}Ir, ^{172}Au; deduced levels and isomers. JOUR PRVCA 80 064310
	2010SC02	NUCLEAR REACTIONS ^{106}Cd(^{60}Ni, n2p)^{163}W, E=270 MeV; ^{92}Mo(^{78}Kr, nα2p)^{163}W, E=380 MeV; ^{92}Mo(^{78}Kr, n2p)^{167}Os, E=357, 365 MeV; ^{96}Ru(^{78}Kr, n2p)^{171}Pt, E=348 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin using the JUROGAM array, conversion electrons, σ; deduced multipolarities, internal conversion coefficients. ^{163}W, ^{167}Os, ^{171}Pt; deduced levels, J, π, half-lives. JOUR PRVCA 81 014306
	2010SC02	RADIOACTIVITY ^{162,163}W, ^{163,165}Re, ^{165,166,167}Os, ^{169,171}Ir, ^{171,172}Pt, ^{172}Au(α); measured Eα, Iα; deduced half-lives. ^{171}Pt(α); measured branching ratio. JOUR PRVCA 81 014306
^{171}Au	2009HA42	RADIOACTIVITY ^{160,160m}Ta, ^{164,164m}Re, ^{168,168m}Ir, ^{172}Au(α)[from ^{96}Ru(^{78}Kr, X), E=342, 348 MeV]; measured Eα, $\alpha\gamma$-correlations, and half-lives. ^{157,160}Hf, ^{160,164}W, ^{164,165,167,168}Os, ^{168,169,171}Ir, ^{169,170,171,172}Pt, ^{164,165}Re, ^{171,173}Au, ^{172,173}Hg(α); measured Eα, $\alpha\alpha$-correlations of α-decaying pairs. ^{160}Ta, ^{164}Re, ^{168}Ir, ^{172}Au; deduced levels and isomers. JOUR PRVCA 80 064310

A=172

^{172}Er	2010DR02	NUCLEAR REACTIONS ^{170}Er(^{136}Xe, X)^{168}Er / ^{170}Er / ^{172}Er, E=830 MeV; measured Eγ, Iγ, $\gamma\gamma$, $\gamma\gamma$(t), and isomer half-lives using Gammasphere array. ^{168,170,172}Er; deduced levels, J, π, rotational bands, multipolarities, B(E1), B(M1), B(E2), K-hindrance factors, configurations, quasiparticle structures, and g_K-g_R. JOUR PRVCA 81 054313
^{172}Tm	2010DZ01	NUCLEAR REACTIONS ^{175}Lu(n, 2n), (n, p), (n, α), E=13.5-14.6 MeV; ^{176}Lu(n, α)E=13.5-14.6 MeV; ^{159}Tb(n, p), (n, α), (n, n'α), (n, 2n), E=13.5-14.6 MeV; ^{181}Ta(n, γ), E=0.0019, 0.0587, 0.1445, 2.850, 14.340 MeV; measured Eγ, Iγ, σ by activation technique, and isomeric ratios. Natural Lu, Tb and Ta targets. Comparison with values from TALYS-1.0 code. JOUR PRVCA 81 014610
^{172}Yb	2008HAYY	NUCLEAR REACTIONS ^{171,173}Yb(d, p), E=18.5 MeV; measured Eγ, I$\gamma(\theta)$, Ep, Ip, pγ-coin; deduced $\sigma(^{171}$Yb) / $\sigma(^{173}$Yb). Surrogate reaction for (n, x). Results on CD only. CONF E.Lansing (NS2008),P60,Hatarik
	2009HAZW	NUCLEAR REACTIONS ^{171,173}Yb(d, pγ), E=18.5 MeV; measured Ep, Ip, Eγ, Iγ, pγ-coin.; deduced 4^+ to 2^+ γ intensities as a function of equivalent neutron energy, surrogate (n, γ) σ. Compared to data of Wisshak et al. CONF Cologne (Capture Gamma-Ray Spectroscopy) Proc,P445,Hatarik
	2010HA03	NUCLEAR REACTIONS ^{171,173}Yb(d, pγ), E=18.5 MeV; measured Eγ, Iγ, particle spectra, (particle)γ-coin using STARS array for particles and HPGe detectors for γ rays; deduced intensity ratios of γ rays in ^{172}Yb and ^{174}Yb, cross sections, and comparison with DICEBOX simulations. ^{171,173}Yb(n, γ), E=5-260 keV; comparison of neutron capture cross sections with those from (d, pγ) reaction using external surrogate ratio method. JOUR PRVCA 81 011602
	2011MA01	RADIOACTIVITY ^{170,171,172}Lu(EC), ^{176,177}Lu, ^{175,177}Yb(β^-); measured Eγ, Iγ; deduced $T_{1/2}$. Comparison with other data. JOUR ARISE 69 37
^{172}Lu	2010ZH26	RADIOACTIVITY ^{162,164,166}Tm, ^{166,168,170,172}Lu, ^{170,172,174,176}Ta, ^{172,174,176,178,180}Re, ^{176,178,180,182}Ir, ^{182,184,186,188}Au(IT); measured Eγ, I$\gamma(\theta)$, $\gamma\gamma$-, (K X-ray)γ-coin using in-beam spectroscopy; deduced bands, signature splittings, systematics. ^{172}Re; deduced high spin levels, J, π. JOUR NUPAB 834 32c
	2011MA01	NUCLEAR REACTIONS Yb(d, xn)^{169}Lu / ^{170}Lu / ^{171}Lu / ^{172}Lu / ^{173}Lu / ^{174}Lu / ^{176}Lu / ^{177}Lu, Yb(d, xnp)^{169}Yb / ^{175}Yb / ^{177}Yb, E<18.18 MeV; measured Eγ, Iγ; deduced thin target yields, thick target yields, σ. Comparison with experimental data. JOUR ARISE 69 37
	2011MA01	RADIOACTIVITY ^{170,171,172}Lu(EC), ^{176,177}Lu, ^{175,177}Yb(β^-); measured Eγ, Iγ; deduced $T_{1/2}$. Comparison with other data. JOUR ARISE 69 37

A=172 ***(continued)***

^{172}Hf	2009BE42	NUCLEAR MOMENTS ^{172}Hf; measured g factor of first 2+ state using integral perturbed angular correlation method. Comparisons with g factors of neighboring even-even Hf nuclei and with predictions of several nuclear models including interacting boson approximation (IBA-2). JOUR PRVCA 80 057303
	2009BE42	RADIOACTIVITY ^{172}Ta(EC), (β^+) [from ^{165}Ho(^{12}C, 5n), E=85 MeV]; measured Eγ, Iγ, $\gamma\gamma$-coin, and cascade Iγ as a function of angle and magnetic field. JOUR PRVCA 80 057303
^{172}Ta	2009BE42	RADIOACTIVITY ^{172}Ta(EC), (β^+) [from ^{165}Ho(^{12}C, 5n), E=85 MeV]; measured Eγ, Iγ, $\gamma\gamma$-coin, and cascade Iγ as a function of angle and magnetic field. JOUR PRVCA 80 057303
	2010ZH26	RADIOACTIVITY ^{162,164,166}Tm, ^{166,168,170,172}Lu, ^{170,172,174,176}Ta, ^{172,174,176,178,180}Re, ^{176,178,180,182}Ir, ^{182,184,186,188}Au(IT); measured Eγ, I$\gamma(\theta)$, $\gamma\gamma$-, (K X-ray)γ-coin using in-beam spectroscopy; deduced bands, signature splittings, systematics. ^{172}Re; deduced high spin levels, J, π. JOUR NUPAB 834 32c
^{172}Re	2010ZH26	RADIOACTIVITY ^{162,164,166}Tm, ^{166,168,170,172}Lu, ^{170,172,174,176}Ta, ^{172,174,176,178,180}Re, ^{176,178,180,182}Ir, ^{182,184,186,188}Au(IT); measured Eγ, I$\gamma(\theta)$, $\gamma\gamma$-, (K X-ray)γ-coin using in-beam spectroscopy; deduced bands, signature splittings, systematics. ^{172}Re; deduced high spin levels, J, π. JOUR NUPAB 834 32c
^{172}Pt	2009AN20	RADIOACTIVITY ^{180,181}Pb(α) [from ^{144}Sm(^{40}Ca, xn), E=196 MeV];measured Eα, Iα, (evaporation residues)α-, $\alpha\gamma$-coin, α-α correlations, and half-lives using SHIP at GSI facility; deduced branching ratios and α-reduced widths. ^{177}Hg; deduced levels, J, π. ^{172,173}Pt, ^{176,177}Hg(α); measured Eα, half-life. ^{178}Hg, ^{182}Pb; measured Eα. JOUR PRVCA 80 054322
	2009HA42	RADIOACTIVITY ^{160,160m}Ta, ^{164,164m}Re, ^{168,168m}Ir, ^{172}Au(α)[from ^{96}Ru(^{78}Kr, X), E=342, 348 MeV]; measured Eα, $\alpha\gamma$-correlations, and half-lives. ^{157,160}Hf, ^{160,164}W, ^{164,165,167,168}Os, ^{168,169,171}Ir, ^{169,170,171,172}Pt, ^{164,165}Re, ^{171,173}Au, ^{172,173}Hg(α); measured Eα, $\alpha\alpha$-correlations of α-decaying pairs. ^{160}Ta, ^{164}Re, ^{168}Ir, ^{172}Au; deduced levels and isomers. JOUR PRVCA 80 064310
	2010JU02	RADIOACTIVITY ^{180}Pb(α)[from ^{92}Mo(^{90}Zr, 2n)]; ^{176}Hg(α)[from ^{180}Pb(α)]; measured Eγ, Iγ, $\alpha\gamma$-coin. ^{180,182,184,186,188}Pb(α), (β^+); measured Eγ, Iγ; deduced prolate bands aligned angular momentum. ^{254}No(IT); measured Eγ, Iγ; deduced rotational bands. JOUR NUPAB 834 15c
	2010RA12	RADIOACTIVITY ^{180}Pb(α); measured Eα and half-life. ^{176,177}Hg, ^{179m}Tl(α); measured Eα. JOUR PRVCA 82 011303
	2010SC02	RADIOACTIVITY ^{162,163}W, ^{163,165}Re, ^{165,166,167}Os, ^{169,171}Ir, ^{171,172}Pt, ^{172}Au(α); measured Eα, Iα; deduced half-lives. ^{171}Pt(α); measured branching ratio. JOUR PRVCA 81 014306
^{172}Au	2009HA42	RADIOACTIVITY ^{160,160m}Ta, ^{164,164m}Re, ^{168,168m}Ir, ^{172}Au(α)[from ^{96}Ru(^{78}Kr, X), E=342, 348 MeV]; measured Eα, $\alpha\gamma$-correlations, and half-lives. ^{157,160}Hf, ^{160,164}W, ^{164,165,167,168}Os, ^{168,169,171}Ir, ^{169,170,171,172}Pt, ^{164,165}Re, ^{171,173}Au, ^{172,173}Hg(α); measured Eα, $\alpha\alpha$-correlations of α-decaying pairs. ^{160}Ta, ^{164}Re, ^{168}Ir, ^{172}Au; deduced levels and isomers. JOUR PRVCA 80 064310

A=172 ***(continued)***

	2009HA42	NUCLEAR REACTIONS ^{96}Ru(^{78}Kr, X)^{172}Au / ^{173}Au, E=342, 348 MeV; measured Eγ, Iγ, $\gamma\gamma$-, $\gamma\alpha$-, $\gamma\alpha$(recoils)-coin and $\gamma(\theta)$. ^{172}Au; deduced levels and multipolarity. Routhian surface calculations for ^{172}Au. JOUR PRVCA 80 064310
	2010SC02	RADIOACTIVITY ^{162,163}W, ^{163,165}Re, ^{165,166,167}Os, ^{169,171}Ir, ^{171,172}Pt, ^{172}Au(α); measured Eα, Iα; deduced half-lives. ^{171}Pt(α); measured branching ratio. JOUR PRVCA 81 014306
^{172}Hg	2009HA42	RADIOACTIVITY ^{160,160m}Ta, ^{164,164m}Re, ^{168,168m}Ir, ^{172}Au(α)[from ^{96}Ru(^{78}Kr, X), E=342, 348 MeV]; measured Eα, $\alpha\gamma$-correlations, and half-lives. ^{157,160}Hf, ^{160,164}W, ^{164,165,167,168}Os, ^{168,169,171}Ir, ^{169,170,171,172}Pt, ^{164,165}Re, ^{171,173}Au, ^{172,173}Hg(α); measured Eα, $\alpha\alpha$-correlations of α-decaying pairs. ^{160}Ta, ^{164}Re, ^{168}Ir, ^{172}Au; deduced levels and isomers. JOUR PRVCA 80 064310

A=173

^{173}Tm	2010DZ01	NUCLEAR REACTIONS ^{175}Lu(n, 2n), (n, p), (n, α), E=13.5-14.6 MeV; ^{176}Lu(n, α)E=13.5-14.6 MeV; ^{159}Tb(n, p), (n, α), (n, n'α), (n, 2n), E=13.5-14.6 MeV; ^{181}Ta(n, γ), E=0.0019, 0.0587, 0.1445, 2.850, 14.340 MeV; measured Eγ, Iγ, σ by activation technique, and isomeric ratios. Natural Lu, Tb and Ta targets. Comparison with values from TALYS-1.0 code. JOUR PRVCA 81 014610
^{173}Lu	2011MA01	NUCLEAR REACTIONS Yb(d, xn)^{169}Lu / ^{170}Lu / ^{171}Lu / ^{172}Lu / ^{173}Lu / ^{174}Lu / ^{176}Lu / ^{177}Lu, Yb(d, xnp)^{169}Yb / ^{175}Yb / ^{177}Yb, E<18.18 MeV; measured Eγ, Iγ; deduced thin target yields, thick target yields, σ. Comparison with experimental data. JOUR ARISE 69 37
^{173}Ta	2009SI34	NUCLEAR REACTIONS ^{169}Tm(^{12}C, X)^{171}Lu / ^{173}Ta / ^{174}Ta / ^{175}Ta / ^{176}W / ^{176}Re / ^{177}Re / ^{178}Re / ^{180}Ir / ^{180}Os / , E=5.6, 6.5 MeV / nucleon; measured α spectra, Eγ, Iγ, γ(particle)-coin; deduced yields, spin distributions, and role of angular momentum on yields in incomplete fusion. Comparison with data for ^{169}Tm(^{16}O, X) reaction. JOUR PRVCA 80 064603
^{173}Pt	2009AN20	RADIOACTIVITY ^{180,181}Pb(α) [from ^{144}Sm(^{40}Ca, xn), E=196 MeV];measured Eα, Iα, (evaporation residues)α-, $\alpha\gamma$-coin, α-α correlations, and half-lives using SHIP at GSI facility; deduced branching ratios and α-reduced widths. ^{177}Hg; deduced levels, J, π. ^{172,173}Pt, ^{176,177}Hg(α); measured Eα, half-life. ^{178}Hg, ^{182}Pb; measured Eα. JOUR PRVCA 80 054322
	2010RA12	RADIOACTIVITY ^{180}Pb(α); measured Eα and half-life. ^{176,177}Hg, ^{179m}Tl(α); measured Eα. JOUR PRVCA 82 011303
^{173}Au	2009HA42	RADIOACTIVITY ^{160,160m}Ta, ^{164,164m}Re, ^{168,168m}Ir, ^{172}Au(α)[from ^{96}Ru(^{78}Kr, X), E=342, 348 MeV]; measured Eα, $\alpha\gamma$-correlations, and half-lives. ^{157,160}Hf, ^{160,164}W, ^{164,165,167,168}Os, ^{168,169,171}Ir, ^{169,170,171,172}Pt, ^{164,165}Re, ^{171,173}Au, ^{172,173}Hg(α); measured Eα, $\alpha\alpha$-correlations of α-decaying pairs. ^{160}Ta, ^{164}Re, ^{168}Ir, ^{172}Au; deduced levels and isomers. JOUR PRVCA 80 064310

A=173 ***(continued)***

	2009HA42	NUCLEAR REACTIONS ^{96}Ru(^{78}Kr, X)^{172}Au / ^{173}Au, E=342, 348 MeV; measured Eγ, Iγ, $\gamma\gamma$-, $\gamma\alpha$-, $\gamma\alpha$(recoils)-coin and $\gamma(\theta)$. ^{172}Au; deduced levels and multipolarity. Routhian surface calculations for ^{172}Au. JOUR PRVCA 80 064310
^{173}Hg	2009HA42	RADIOACTIVITY ^{160,160m}Ta, ^{164,164m}Re, ^{168,168m}Ir, ^{172}Au(α)[from ^{96}Ru(^{78}Kr, X), E=342, 348 MeV]; measured Eα, $\alpha\gamma$-correlations, and half-lives. ^{157,160}Hf, ^{160,164}W, ^{164,165,167,168}Os, ^{168,169,171}Ir, ^{169,170,171,172}Pt, ^{164,165}Re, ^{171,173}Au, ^{172,173}Hg(α); measured Eα, $\alpha\alpha$-correlations of α-decaying pairs. ^{160}Ta, ^{164}Re, ^{168}Ir, ^{172}Au; deduced levels and isomers. JOUR PRVCA 80 064310

A=174

^{174}Yb	2008HAYY	NUCLEAR REACTIONS ^{171,173}Yb(d, p), E=18.5 MeV; measured Eγ, I$\gamma(\theta)$, Ep, Ip, pγ-coin; deduced $\sigma(^{171}$Yb) / $\sigma(^{173}$Yb). Surrogate reaction for (n, x). Results on CD only. CONF E.Lansing (NS2008),P60,Hatarik
	2009HAZW	NUCLEAR REACTIONS ^{171,173}Yb(d, pγ), E=18.5 MeV; measured Ep, Ip, Eγ, Iγ, pγ-coin.; deduced 4^+ to 2^+ γ intensities as a function of equivalent neutron energy, surrogate (n, γ) σ. Compared to data of Wisshak et al. CONF Cologne (Capture Gamma-Ray Spectroscopy) Proc,P445,Hatarik
	2010HA03	NUCLEAR REACTIONS ^{171,173}Yb(d, pγ), E=18.5 MeV; measured Eγ, Iγ, particle spectra, (particle)γ-coin using STARS array for particles and HPGe detectors for γ rays; deduced intensity ratios of γ rays in ^{172}Yb and ^{174}Yb, cross sections, and comparison with DICEBOX simulations. ^{171,173}Yb(n, γ), E=5-260 keV; comparison of neutron capture cross sections with those from (d, pγ) reaction using external surrogate ratio method. JOUR PRVCA 81 011602
^{174}Lu	2010DZ01	NUCLEAR REACTIONS ^{175}Lu(n, 2n), (n, p), (n, α), E=13.5-14.6 MeV; ^{176}Lu(n, α)E=13.5-14.6 MeV; ^{159}Tb(n, p), (n, α), (n, n'α), (n, 2n), E=13.5-14.6 MeV; ^{181}Ta(n, γ), E=0.0019, 0.0587, 0.1445, 2.850, 14.340 MeV; measured Eγ, Iγ, σ by activation technique, and isomeric ratios. Natural Lu, Tb and Ta targets. Comparison with values from TALYS-1.0 code. JOUR PRVCA 81 014610
	2011MA01	NUCLEAR REACTIONS Yb(d, xn)^{169}Lu / ^{170}Lu / ^{171}Lu / ^{172}Lu / ^{173}Lu / ^{174}Lu / ^{176}Lu / ^{177}Lu, Yb(d, xnp)^{169}Yb / ^{175}Yb / ^{177}Yb, E<18.18 MeV; measured Eγ, Iγ; deduced thin target yields, thick target yields, σ. Comparison with experimental data. JOUR ARISE 69 37
^{174}Ta	2009SI34	NUCLEAR REACTIONS ^{169}Tm(^{12}C, X)^{171}Lu / ^{173}Ta / ^{174}Ta / ^{175}Ta / ^{176}W / ^{176}Re / ^{177}Re / ^{178}Re / ^{180}Ir / ^{180}Os / , E=5.6, 6.5 MeV / nucleon; measured α spectra, Eγ, Iγ, γ(particle)-coin; deduced yields, spin distributions, and role of angular momentum on yields in incomplete fusion. Comparison with data for ^{169}Tm(^{16}O, X) reaction. JOUR PRVCA 80 064603

A=174 ***(continued)***

	2010ZH26	RADIOACTIVITY ^{162,164,166}Tm, ^{166,168,170,172}Lu, ^{170,172,174,176}Ta, ^{172,174,176,178,180}Re, ^{176,178,180,182}Ir, ^{182,184,186,188}Au(IT); measured Eγ, I$\gamma(\theta)$, $\gamma\gamma$-, (K X-ray)γ-coin using in-beam spectroscopy; deduced bands, signature splittings, systematics. ^{172}Re; deduced high spin levels, J, π. JOUR NUPAB 834 32c
^{174}Re	2010ZH26	RADIOACTIVITY ^{162,164,166}Tm, ^{166,168,170,172}Lu, ^{170,172,174,176}Ta, ^{172,174,176,178,180}Re, ^{176,178,180,182}Ir, ^{182,184,186,188}Au(IT); measured Eγ, I$\gamma(\theta)$, $\gamma\gamma$-, (K X-ray)γ-coin using in-beam spectroscopy; deduced bands, signature splittings, systematics. ^{172}Re; deduced high spin levels, J, π. JOUR NUPAB 834 32c

A=175

^{175}Yb	2010DZ01	NUCLEAR REACTIONS ^{175}Lu(n, 2n), (n, p), (n, α), E=13.5-14.6 MeV; ^{176}Lu(n, α)E=13.5-14.6 MeV; ^{159}Tb(n, p), (n, α), (n, n'α), (n, 2n), E=13.5-14.6 MeV; ^{181}Ta(n, γ), E=0.0019, 0.0587, 0.1445, 2.850, 14.340 MeV; measured Eγ, Iγ, σ by activation technique, and isomeric ratios. Natural Lu, Tb and Ta targets. Comparison with values from TALYS-1.0 code. JOUR PRVCA 81 014610
	2011MA01	NUCLEAR REACTIONS Yb(d, xn)^{169}Lu / ^{170}Lu / ^{171}Lu / ^{172}Lu / ^{173}Lu / ^{174}Lu / ^{176}Lu / ^{177}Lu, Yb(d, xnp)^{169}Yb / ^{175}Yb / ^{177}Yb, E<18.18 MeV; measured Eγ, Iγ; deduced thin target yields, thick target yields, σ. Comparison with experimental data. JOUR ARISE 69 37
	2011MA01	RADIOACTIVITY ^{170,171,172}Lu(EC), ^{176,177}Lu, ^{175,177}Yb(β^-); measured Eγ, Iγ; deduced $T_{1/2}$. Comparison with other data. JOUR ARISE 69 37
^{175}Lu	2011MA01	RADIOACTIVITY ^{170,171,172}Lu(EC), ^{176,177}Lu, ^{175,177}Yb(β^-); measured Eγ, Iγ; deduced $T_{1/2}$. Comparison with other data. JOUR ARISE 69 37
^{175}Hf	2009NO12	NUCLEAR REACTIONS ^{174,176,177,178,179,180}Hf(n, γ), E=0.002-50 keV; measured transmission and capture σ at the GELINA white neutron source facility; deduced resonance parameters using Reich-Moore interpretation and the REFIT code. Comparison with data. JOUR NUPAB 831 106
^{175}Ta	2009SI34	NUCLEAR REACTIONS ^{169}Tm(^{12}C, X)^{171}Lu / ^{173}Ta / ^{174}Ta / ^{175}Ta / ^{176}W / ^{176}Re / ^{177}Re / ^{178}Re / ^{180}Ir / ^{180}Os / , E=5.6, 6.5 MeV / nucleon; measured α spectra, Eγ, Iγ, γ(particle)-coin; deduced yields, spin distributions, and role of angular momentum on yields in incomplete fusion. Comparison with data for ^{169}Tm(^{16}O, X) reaction. JOUR PRVCA 80 064603
^{175}Os	2010WA02	RADIOACTIVITY ^{175,176}Ir(EC) [from ^{146}Nd(^{35}Cl, X), E=210 MeV / nucleon]; measured reaction products, x-rays, Eγ, Iγ; deduced decay constants, $T_{1/2}$, long-lived isomeric state in ^{175}Ir. JOUR CPLEE 27 022301

A=175 ***(continued)***

^{175}Ir	2010WA02	RADIOACTIVITY ^{175,176}Ir(EC) [from ^{146}Nd(^{35}Cl, X), E=210 MeV / nucleon]; measured reaction products, x-rays, Eγ, Iγ; deduced decay constants, $T_{1/2}$, long-lived isomeric state in ^{175}Ir. JOUR CPLEE 27 022301
^{175}Au	2010AN01	RADIOACTIVITY ^{179}Tl, ^{175}Au, ^{179}Pb(α) [from ^{144}Sm(^{40}Ca, 5n), E=232 MeV]; measured Eα, Iα; deduced $T_{1/2}$, J, π. JOUR JPGPE 37 035102
	2010RA12	RADIOACTIVITY ^{180}Pb(α); measured Eα and half-life. ^{176,177}Hg, ^{179m}Tl(α); measured Eα. JOUR PRVCA 82 011303
^{175}Hg	2010AN01	RADIOACTIVITY ^{179}Tl, ^{175}Au, ^{179}Pb(α) [from ^{144}Sm(^{40}Ca, 5n), E=232 MeV]; measured Eα, Iα; deduced $T_{1/2}$, J, π. JOUR JPGPE 37 035102

A=176

^{176}Lu	2010DR01	NUCLEAR REACTIONS ^{176}Lu(^{136}Xe, ^{136}Xe'γ), E=6.0 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin using the Gammasphere array. Beam-on and beam-off measurements. ^{176}Lu; deduced levels, J, π, multipolarity, transition strengths, partial γ-ray widths, connection between high-K and low-K bands, and astrophysical significance for the s-process nucleus. JOUR PRVCA 81 011301
	2011MA01	NUCLEAR REACTIONS Yb(d, xn)^{169}Lu / ^{170}Lu / ^{171}Lu / ^{172}Lu / ^{173}Lu / ^{174}Lu / ^{176}Lu / ^{177}Lu, Yb(d, xnp)^{169}Yb / ^{175}Yb / ^{177}Yb, E<18.18 MeV; measured Eγ, Iγ; deduced thin target yields, thick target yields, σ. Comparison with experimental data. JOUR ARISE 69 37
	2011MA01	RADIOACTIVITY ^{170,171,172}Lu(EC), ^{176,177}Lu, ^{175,177}Yb(β^-); measured Eγ, Iγ; deduced $T_{1/2}$. Comparison with other data. JOUR ARISE 69 37
^{176}Hf	2011MA01	RADIOACTIVITY ^{170,171,172}Lu(EC), ^{176,177}Lu, ^{175,177}Yb(β^-); measured Eγ, Iγ; deduced $T_{1/2}$. Comparison with other data. JOUR ARISE 69 37
^{176}Ta	2010ZH26	RADIOACTIVITY ^{162,164,166}Tm, ^{166,168,170,172}Lu, ^{170,172,174,176}Ta, ^{172,174,176,178,180}Re, ^{176,178,180,182}Ir, ^{182,184,186,188}Au(IT); measured Eγ, I$\gamma(\theta)$, $\gamma\gamma$-, (K X-ray)γ-coin using in-beam spectroscopy; deduced bands, signature splittings, systematics. ^{172}Re; deduced high spin levels, J, π. JOUR NUPAB 834 32c
^{176}W	2009SI34	NUCLEAR REACTIONS ^{169}Tm(^{12}C, X)^{171}Lu / ^{173}Ta / ^{174}Ta / ^{175}Ta / ^{176}W / ^{176}Re / ^{177}Re / ^{178}Re / ^{180}Ir / ^{180}Os / , E=5.6, 6.5 MeV / nucleon; measured α spectra, Eγ, Iγ, γ(particle)-coin; deduced yields, spin distributions, and role of angular momentum on yields in incomplete fusion. Comparison with data for ^{169}Tm(^{16}O, X) reaction. JOUR PRVCA 80 064603

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

^{176}Re	2009SI34	NUCLEAR REACTIONS ^{169}Tm(^{12}C, X)^{171}Lu / ^{173}Ta / ^{174}Ta / ^{175}Ta / ^{176}W / ^{176}Re / ^{177}Re / ^{178}Re / ^{180}Ir / ^{180}Os / , E=5.6, 6.5 MeV / nucleon; measured α spectra, Eγ, Iγ, γ(particle)-coin; deduced yields, spin distributions, and role of angular momentum on yields in incomplete fusion. Comparison with data for ^{169}Tm(^{16}O, X) reaction. JOUR PRVCA 80 064603
	2010ZH26	RADIOACTIVITY ^{162,164,166}Tm, ^{166,168,170,172}Lu, ^{170,172,174,176}Ta, ^{172,174,176,178,180}Re, ^{176,178,180,182}Ir, ^{182,184,186,188}Au(IT); measured Eγ, I$\gamma(\theta)$, $\gamma\gamma$-, (K X-ray)γ-coin using in-beam spectroscopy; deduced bands, signature splittings, systematics. ^{172}Re; deduced high spin levels, J, π. JOUR NUPAB 834 32c
^{176}Os	2009HA46	NUCLEAR REACTIONS ^{152}Sm(^{28}Si, 4n)^{176}Os, E=140 MeV; measured Eγ, Iγ, γ-γ-coin.; deduced high-spin states, $T_{1/2}$, lifetimes of the excited states in the yrast band, shape evolution. JOUR CPCHC 33 s01 151
	2010WA02	RADIOACTIVITY ^{175,176}Ir(EC) [from ^{146}Nd(^{35}Cl, X), E=210 MeV / nucleon]; measured reaction products, x-rays, Eγ, Iγ; deduced decay constants, $T_{1/2}$, long-lived isomeric state in ^{175}Ir. JOUR CPLEE 27 022301
^{176}Ir	2010WA02	RADIOACTIVITY ^{175,176}Ir(EC) [from ^{146}Nd(^{35}Cl, X), E=210 MeV / nucleon]; measured reaction products, x-rays, Eγ, Iγ; deduced decay constants, $T_{1/2}$, long-lived isomeric state in ^{175}Ir. JOUR CPLEE 27 022301
	2010ZH26	RADIOACTIVITY ^{162,164,166}Tm, ^{166,168,170,172}Lu, ^{170,172,174,176}Ta, ^{172,174,176,178,180}Re, ^{176,178,180,182}Ir, ^{182,184,186,188}Au(IT); measured Eγ, I$\gamma(\theta)$, $\gamma\gamma$-, (K X-ray)γ-coin using in-beam spectroscopy; deduced bands, signature splittings, systematics. ^{172}Re; deduced high spin levels, J, π. JOUR NUPAB 834 32c
^{176}Au	2010AN13	RADIOACTIVITY ^{180}Tl(α), (β^+), (EC) [from U(p, X), E=1.4 GeV]; measured fission fragments, Eα, Iα, X-rays. ^{180}Hg; deduced asymetric fission fragment distribution, branching ratio for β-delayed fission. JOUR PRLTA 105 252502
^{176}Hg	2009AN20	RADIOACTIVITY ^{180,181}Pb(α) [from ^{144}Sm(^{40}Ca, xn), E=196 MeV];measured Eα, Iα, (evaporation residues)α-, $\alpha\gamma$-coin, α-α correlations, and half-lives using SHIP at GSI facility; deduced branching ratios and α-reduced widths. ^{177}Hg; deduced levels, J, π. ^{172,173}Pt, ^{176,177}Hg(α); measured Eα, half-life. ^{178}Hg, ^{182}Pb; measured Eα. JOUR PRVCA 80 054322
	2010JU02	RADIOACTIVITY ^{180}Pb(α)[from ^{92}Mo(^{90}Zr, 2n)]; ^{176}Hg(α)[from ^{180}Pb(α)]; measured Eγ, Iγ, $\alpha\gamma$-coin. ^{180,182,184,186,188}Pb(α), (β^+); measured Eγ, Iγ; deduced prolate bands aligned angular momentum. ^{254}No(IT); measured Eγ, Iγ; deduced rotational bands. JOUR NUPAB 834 15c
	2010RA12	RADIOACTIVITY ^{180}Pb(α); measured Eα and half-life. ^{176,177}Hg, ^{179m}Tl(α); measured Eα. JOUR PRVCA 82 011303

A=177

^{177}Yb	2011MA01	NUCLEAR REACTIONS Yb(d, xn)^{169}Lu / ^{170}Lu / ^{171}Lu / ^{172}Lu / ^{173}Lu / ^{174}Lu / ^{176}Lu / ^{177}Lu, Yb(d, xnp)^{169}Yb / ^{175}Yb / ^{177}Yb, E<18.18 MeV; measured Eγ, Iγ; deduced thin target yields, thick target yields, σ. Comparison with experimental data. JOUR ARISE 69 37
	2011MA01	RADIOACTIVITY ^{170,171,172}Lu(EC), ^{176,177}Lu, ^{175,177}Yb(β^-); measured Eγ, Iγ; deduced $T_{1/2}$. Comparison with other data. JOUR ARISE 69 37
^{177}Lu	2008BEZO	NUCLEAR REACTIONS ^{177}Lu(n, n'), E=reactor spectrum; measured Eγ, Iγ; deduced σ. Target in isomeric state, superelastic scattering. CONF Nice (Nucl Data for Sci and Technol) Proc,P463
	2008KIZP	NUCLEAR REACTIONS Er(α, x)^{169}Yb, E≈0-36 MeV; Yb(α, x)^{169}Yb, E≈18-38 MeV; Yb(α, x)^{177}Lu, E≈8-38 MeV; measured Eγ, Iγ; deduced σ, yields; calculated σ using ALICE-IPPE. Compared to other data. CONF Nice (Nucl Data for Sci and Technol) Proc,P1371
	2011MA01	NUCLEAR REACTIONS Yb(d, xn)^{169}Lu / ^{170}Lu / ^{171}Lu / ^{172}Lu / ^{173}Lu / ^{174}Lu / ^{176}Lu / ^{177}Lu, Yb(d, xnp)^{169}Yb / ^{175}Yb / ^{177}Yb, E<18.18 MeV; measured Eγ, Iγ; deduced thin target yields, thick target yields, σ. Comparison with experimental data. JOUR ARISE 69 37
	2011MA01	RADIOACTIVITY ^{170,171,172}Lu(EC), ^{176,177}Lu, ^{175,177}Yb(β^-); measured Eγ, Iγ; deduced $T_{1/2}$. Comparison with other data. JOUR ARISE 69 37
^{177}Hf	2009NO12	NUCLEAR REACTIONS ^{174,176,177,178,179,180}Hf(n, γ), E=0.002-50 keV; measured transmission and capture σ at the GELINA white neutron source facility; deduced resonance parameters using Reich-Moore interpretation and the REFIT code. Comparison with data. JOUR NUPAB 831 106
	2011MA01	RADIOACTIVITY ^{170,171,172}Lu(EC), ^{176,177}Lu, ^{175,177}Yb(β^-); measured Eγ, Iγ; deduced $T_{1/2}$. Comparison with other data. JOUR ARISE 69 37
^{177}Re	2009SI34	NUCLEAR REACTIONS ^{169}Tm(^{12}C, X)^{171}Lu / ^{173}Ta / ^{174}Ta / ^{175}Ta / ^{176}W / ^{176}Re / ^{177}Re / ^{178}Re / ^{180}Ir / ^{180}Os / , E=5.6, 6.5 MeV / nucleon; measured α spectra, Eγ, Iγ, γ(particle)-coin; deduced yields, spin distributions, and role of angular momentum on yields in incomplete fusion. Comparison with data for ^{169}Tm(^{16}O, X) reaction. JOUR PRVCA 80 064603
^{177}Hg	2009AN20	RADIOACTIVITY ^{180,181}Pb(α) [from ^{144}Sm(^{40}Ca, xn), E=196 MeV];measured Eα, Iα, (evaporation residues)α-, $\alpha\gamma$-coin, α-α correlations, and half-lives using SHIP at GSI facility; deduced branching ratios and α-reduced widths. ^{177}Hg; deduced levels, J, π. ^{172,173}Pt, ^{176,177}Hg(α); measured Eα, half-life. ^{178}Hg, ^{182}Pb; measured Eα. JOUR PRVCA 80 054322
	2010RA12	RADIOACTIVITY ^{180}Pb(α); measured Eα and half-life. ^{176,177}Hg, ^{179m}Tl(α); measured Eα. JOUR PRVCA 82 011303

A=178

^{178}Lu	2008SEZT	NUCLEAR REACTIONS ^{50}Cr(n, x)^{48}V, ^{58}Ni(n, pα), ^{58}Ni(n, x)^{56}Co, ^{63}Cu(n, pα), ^{181}Ta(n, α), ^{181}Ta(n, p), ^{181}Ta(n, x)^{180}Hf, ^{181}Ta(n, 2n), ^{182,183,184,185}W(n, p), ^{183}W(n, x)^{182}Ta, ^{184}W(n, x)^{183}Ta, ^{186}W(n, x)^{185}Ta, ^{186}W(n, 2n), ^{184,186}W(n, α), E=13.8-20.5 MeV; measured Eγ, Iγ; deduced σ. Compared to published data, TALYS and EMPIRE calculations, EAF-2003, EAF-2005, EAF-2007, ADL-3T, JEFF-3.1, JENDL-3.3, JENDL-ACT, ENDF / B-VII. CONF Nice (Nucl Data for Sci and Technol) Proc,P559
	2010KR02	NUCLEAR REACTIONS ^{27}Al, ^{197}Au, ^{59}Co, In, ^{181}Ta(n, γ), (n, α), (n, xn), E=1 GeV; ^{191,192,193,194,196,198}Au, ^{24}Na; measured Eα, Iα, Eγ, Iγ; deduced yields, σ. JOUR NIMAE 615 70
^{178}Hf	2009NO12	NUCLEAR REACTIONS ^{174,176,177,178,179,180}Hf(n, γ), E=0.002-50 keV; measured transmission and capture σ at the GELINA white neutron source facility; deduced resonance parameters using Reich-Moore interpretation and the REFIT code. Comparison with data. JOUR NUPAB 831 106
	2010GO12	NUCLEAR REACTIONS ^{178}Hf(n, nγ), E not given; measured Eγ, Iγ, γ-γ-coin.; deduced angular distribution of g-rays, rotational bands, level scheme, J, π, deformation. JOUR PANUE 73 1101
	2010GOZY	NUCLEAR REACTIONS ^{178}Hf(n, n'γ), E=fast; measured Eγ, I$\gamma(\theta)$. ^{178}Hf; deduced levels, δ, possible configurations. CONF St.-Petersburg,P116,Govor
^{178}Re	2009SI34	NUCLEAR REACTIONS ^{169}Tm(^{12}C, X)^{171}Lu / ^{173}Ta / ^{174}Ta / ^{175}Ta / ^{176}W / ^{176}Re / ^{177}Re / ^{178}Re / ^{180}Ir / ^{180}Os / , E=5.6, 6.5 MeV / nucleon; measured α spectra, Eγ, Iγ, γ(particle)-coin; deduced yields, spin distributions, and role of angular momentum on yields in incomplete fusion. Comparison with data for ^{169}Tm(^{16}O, X) reaction. JOUR PRVCA 80 064603
	2010ZH26	RADIOACTIVITY ^{162,164,166}Tm, ^{166,168,170,172}Lu, ^{170,172,174,176}Ta, ^{172,174,176,178,180}Re, ^{176,178,180,182}Ir, ^{182,184,186,188}Au(IT); measured Eγ, I$\gamma(\theta)$, $\gamma\gamma$-, (K X-ray)γ-coin using in-beam spectroscopy; deduced bands, signature splittings, systematics. ^{172}Re; deduced high spin levels, J, π. JOUR NUPAB 834 32c
^{178}Os	2009KU24	NUCLEAR REACTIONS ^{165}Ho(^{20}Ne, p6n), E=150 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, DCO, and linear polarizations. ^{178}Os; deduced levels, J, π, bands, multipolarities, and configurations. Comparison with projected angular momentum deformed Hartree-Fock and cranked Woods-Saxon model calculations. JOUR PRVCA 80 054319
^{178}Ir	2010ZH26	RADIOACTIVITY ^{162,164,166}Tm, ^{166,168,170,172}Lu, ^{170,172,174,176}Ta, ^{172,174,176,178,180}Re, ^{176,178,180,182}Ir, ^{182,184,186,188}Au(IT); measured Eγ, I$\gamma(\theta)$, $\gamma\gamma$-, (K X-ray)γ-coin using in-beam spectroscopy; deduced bands, signature splittings, systematics. ^{172}Re; deduced high spin levels, J, π. JOUR NUPAB 834 32c

A=178 *(continued)*

^{178}Hg	2009AN20	RADIOACTIVITY ^{180,181}Pb(α) [from ^{144}Sm(^{40}Ca, xn), E=196 MeV];measured Eα, Iα, (evaporation residues)α-, $\alpha\gamma$-coin, α-α correlations, and half-lives using SHIP at GSI facility; deduced branching ratios and α-reduced widths. ^{177}Hg; deduced levels, J, π. ^{172,173}Pt, ^{176,177}Hg(α); measured Eα, half-life. ^{178}Hg, ^{182}Pb; measured Eα. JOUR PRVCA 80 054322
	2010JU02	RADIOACTIVITY ^{180}Pb(α)[from ^{92}Mo(^{90}Zr, 2n)]; ^{176}Hg(α)[from ^{180}Pb(α)]; measured Eγ, Iγ, $\alpha\gamma$-coin. ^{180,182,184,186,188}Pb(α), (β^+); measured Eγ, Iγ; deduced prolate bands aligned angular momentum. ^{254}No(IT); measured Eγ, Iγ; deduced rotational bands. JOUR NUPAB 834 15c

A=179

^{179}Hf	2009NO12	NUCLEAR REACTIONS ^{174,176,177,178,179,180}Hf(n, γ), E=0.002-50 keV; measured transmission and capture σ at the GELINA white neutron source facility; deduced resonance parameters using Reich-Moore interpretation and the REFIT code. Comparison with data. JOUR NUPAB 831 106
^{179}Os	2008GOZM	NUCLEAR REACTIONS ^{166}Ho(^{20}Ne, p6n), E=150 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, polarization; deduced levels, J, π, yrast band, rotational band; calculated levels, J, π using HF with angular projection. Abstract only. CONF E.Lansing (NS2008),P108,Govil
^{179}Au	2011VE01	RADIOACTIVITY ^{183}Tl(α), ^{179}Au(IT) [from ^{107}Ag(^{78}Kr, X)^{185}Bi(2p)]; measured Eγ, Iγ, $\gamma\gamma$-coin., Eα, Iα, α-γ coin.; deduced new isomer, $T_{1/2}$, B(E1), level scheme, shape coexistence, intruder states. JOUR PYLBB 695 82
^{179}Tl	2010AN01	RADIOACTIVITY ^{179}Tl, ^{175}Au, ^{179}Pb(α) [from ^{144}Sm(^{40}Ca, 5n), E=232 MeV]; measured Eα, Iα; deduced $T_{1/2}$, J, π. JOUR JPGPE 37 035102
	2010RA12	RADIOACTIVITY ^{180}Pb(α); measured Eα and half-life. ^{176,177}Hg, ^{179m}Tl(α); measured Eα. JOUR PRVCA 82 011303
^{179}Pb	2010AN01	RADIOACTIVITY ^{179}Tl, ^{175}Au, ^{179}Pb(α) [from ^{144}Sm(^{40}Ca, 5n), E=232 MeV]; measured Eα, Iα; deduced $T_{1/2}$, J, π. JOUR JPGPE 37 035102

A=180

^{180}Hf	2008SEZT	NUCLEAR REACTIONS ^{50}Cr(n, x)^{48}V, ^{58}Ni(n, pα), ^{58}Ni(n, x)^{56}Co, ^{63}Cu(n, pα), ^{181}Ta(n, α), ^{181}Ta(n, p), ^{181}Ta(n, x)^{180}Hf, ^{181}Ta(n, 2n), ^{182,183,184,185}W(n, p), ^{183}W(n, x)^{182}Ta, ^{184}W(n, x)^{183}Ta, ^{186}W(n, x)^{185}Ta, ^{186}W(n, 2n), ^{184,186}W(n, α), E=13.8-20.5 MeV; measured Eγ, Iγ; deduced σ. Compared to published data, TALYS and EMPIRE calculations, EAF-2003, EAF-2005, EAF-2007, ADL-3T, JEFF-3.1, JENDL-3.3, JENDL-ACT, ENDF / B-VII. CONF Nice (Nucl Data for Sci and Technol) Proc,P559

A=180 ***(continued)***

	2008TAZB	NUCLEAR REACTIONS ^{232}Th(^{180}Hf, X), E=1300 MeV; measured E(particle), I(particle), Eγ, Iγ. ^{180}Hf deduced levels, J, π, bands. Abstract only. CONF E.Lansing (NS2008),P183,Tandel
	2009NO12	NUCLEAR REACTIONS ^{174,176,177,178,179,180}Hf(n, γ), E=0.002-50 keV; measured transmission and capture σ at the GELINA white neutron source facility; deduced resonance parameters using Reich-Moore interpretation and the REFIT code. Comparison with data. JOUR NUPAB 831 106
^{180}Ta	2008OCZZ	NUCLEAR REACTIONS ^{27}Al(d, x)^{24}Na, ^{51}V(d, 4n), Fe(d, x)^{54}Mn, Fe(d, x)^{56}Co, Ni(d, x)^{57}Co, Cu(d, x)^{63}Zn, Ta(d, x)^{180}Ta, W(d, x)^{182}Re, ^{197}Au(d, x)^{194}Au, E=25, 35, 41, 50 MeV; Cr(d, x)^{48}V, Cr(d, x)^{52}Mn, ^{55}Mn(d, x)^{54}Mn, Ni(d, x)^{56}Co, E=39.5 MeV; measured Eγ, Iγ; deduced σ; calculated σ using TALYS code. Compared to data, ACSELAM data library; also SS316, F82H alloys activities deduced. CONF Nice (Nucl Data for Sci and Technol) Proc,P1011
	2008SEZT	NUCLEAR REACTIONS ^{50}Cr(n, x)^{48}V, ^{58}Ni(n, pα), ^{58}Ni(n, x)^{56}Co, ^{63}Cu(n, pα), ^{181}Ta(n, α), ^{181}Ta(n, p), ^{181}Ta(n, x)^{180}Hf, ^{181}Ta(n, 2n), ^{182,183,184,185}W(n, p), ^{183}W(n, x)^{182}Ta, ^{184}W(n, x)^{183}Ta, ^{186}W(n, x)^{185}Ta, ^{186}W(n, 2n), ^{184,186}W(n, α), E=13.8-20.5 MeV; measured Eγ, Iγ; deduced σ. Compared to published data, TALYS and EMPIRE calculations, EAF-2003, EAF-2005, EAF-2007, ADL-3T, JEFF-3.1, JENDL-3.3, JENDL-ACT, ENDF / B-VII. CONF Nice (Nucl Data for Sci and Technol) Proc,P559
^{180}Re	2010ZH26	RADIOACTIVITY ^{162,164,166}Tm, ^{166,168,170,172}Lu, ^{170,172,174,176}Ta, ^{172,174,176,178,180}Re, ^{176,178,180,182}Ir, ^{182,184,186,188}Au(IT); measured Eγ, I$\gamma(\theta)$, $\gamma\gamma$-, (K X-ray)γ-coin using in-beam spectroscopy; deduced bands, signature splittings, systematics. ^{172}Re; deduced high spin levels, J, π. JOUR NUPAB 834 32c
^{180}Os	2009SI34	NUCLEAR REACTIONS ^{169}Tm(^{12}C, X)^{171}Lu / ^{173}Ta / ^{174}Ta / ^{175}Ta / ^{176}W / ^{176}Re / ^{177}Re / ^{178}Re / ^{180}Ir / ^{180}Os / , E=5.6, 6.5 MeV / nucleon; measured α spectra, Eγ, Iγ, γ(particle)-coin; deduced yields, spin distributions, and role of angular momentum on yields in incomplete fusion. Comparison with data for ^{169}Tm(^{16}O, X) reaction. JOUR PRVCA 80 064603
^{180}Ir	2009SI34	NUCLEAR REACTIONS ^{169}Tm(^{12}C, X)^{171}Lu / ^{173}Ta / ^{174}Ta / ^{175}Ta / ^{176}W / ^{176}Re / ^{177}Re / ^{178}Re / ^{180}Ir / ^{180}Os / , E=5.6, 6.5 MeV / nucleon; measured α spectra, Eγ, Iγ, γ(particle)-coin; deduced yields, spin distributions, and role of angular momentum on yields in incomplete fusion. Comparison with data for ^{169}Tm(^{16}O, X) reaction. JOUR PRVCA 80 064603
	2010ZH26	RADIOACTIVITY ^{162,164,166}Tm, ^{166,168,170,172}Lu, ^{170,172,174,176}Ta, ^{172,174,176,178,180}Re, ^{176,178,180,182}Ir, ^{182,184,186,188}Au(IT); measured Eγ, I$\gamma(\theta)$, $\gamma\gamma$-, (K X-ray)γ-coin using in-beam spectroscopy; deduced bands, signature splittings, systematics. ^{172}Re; deduced high spin levels, J, π. JOUR NUPAB 834 32c
^{180}Hg	2010AN13	RADIOACTIVITY ^{180}Tl(α), (β^+), (EC) [from U(p, X), E=1.4 GeV]; measured fission fragments, Eα, Iα, X-rays. ^{180}Hg; deduced asymetric fission fragment distribution, branching ratio for β-delayed fission. JOUR PRLTA 105 252502

A=180 *(continued)*

	2010JU02	RADIOACTIVITY ^{180}Pb(α)[from ^{92}Mo(^{90}Zr, 2n)]; ^{176}Hg(α)[from ^{180}Pb(α)]; measured Eγ, Iγ, $\alpha\gamma$-coin. ^{180,182,184,186,188}Pb(α), (β^+); measured Eγ, Iγ; deduced prolate bands aligned angular momentum. ^{254}No(IT); measured Eγ, Iγ; deduced rotational bands. JOUR NUPAB 834 15c
^{180}Tl	2010AN13	RADIOACTIVITY ^{180}Tl(α), (β^+), (EC) [from U(p, X), E=1.4 GeV]; measured fission fragments, Eα, Iα, X-rays. ^{180}Hg; deduced asymetric fission fragment distribution, branching ratio for β-delayed fission. JOUR PRLTA 105 252502
	2010JU02	RADIOACTIVITY ^{180}Pb(α)[from ^{92}Mo(^{90}Zr, 2n)]; ^{176}Hg(α)[from ^{180}Pb(α)]; measured Eγ, Iγ, $\alpha\gamma$-coin. ^{180,182,184,186,188}Pb(α), (β^+); measured Eγ, Iγ; deduced prolate bands aligned angular momentum. ^{254}No(IT); measured Eγ, Iγ; deduced rotational bands. JOUR NUPAB 834 15c
^{180}Pb	2009AN20	RADIOACTIVITY ^{180,181}Pb(α) [from ^{144}Sm(^{40}Ca, xn), E=196 MeV];measured Eα, Iα, (evaporation residues)α-, $\alpha\gamma$-coin, α-α correlations, and half-lives using SHIP at GSI facility; deduced branching ratios and α-reduced widths. ^{177}Hg; deduced levels, J, π. ^{172,173}Pt, ^{176,177}Hg(α); measured Eα, half-life. ^{178}Hg, ^{182}Pb; measured Eα. JOUR PRVCA 80 054322
	2010JU02	RADIOACTIVITY ^{180}Pb(α)[from ^{92}Mo(^{90}Zr, 2n)]; ^{176}Hg(α)[from ^{180}Pb(α)]; measured Eγ, Iγ, $\alpha\gamma$-coin. ^{180,182,184,186,188}Pb(α), (β^+); measured Eγ, Iγ; deduced prolate bands aligned angular momentum. ^{254}No(IT); measured Eγ, Iγ; deduced rotational bands. JOUR NUPAB 834 15c
	2010RA12	NUCLEAR REACTIONS ^{92}Mo(^{90}Zr, 2n)^{180}Pb, E=400 MeV; measured Eγ, Iγ, (recoil)γ-, (recoil)$\alpha\gamma$ coin using the JUROGAM II array and recoil-decay tagging (RDT) technique. ^{180}Pb; deduced levels, J, π, band. Comparison with beyond-mean-field theoretical calculations. Z=82, A=180-208; systematics of spherical, prolate and oblate structures. JOUR PRVCA 82 011303
	2010RA12	RADIOACTIVITY ^{180}Pb(α); measured Eα and half-life. ^{176,177}Hg, ^{179m}Tl(α); measured Eα. JOUR PRVCA 82 011303

A=181

^{181}Hf	2008LEZO	NUCLEAR REACTIONS ^{170}Er, ^{180}Hf, ^{242}Pu, ^{232}Th(n, γ), E=reactor spectrum; measured Eγ, Iγ; deduced ^{171}Er, ^{181}Hf, ^{243}Pu, ^{233}Pa integral σ; compared to JEFF-3.1. CONF Nice (Nucl Data for Sci and Technol) Proc,P521
	2008SEZT	NUCLEAR REACTIONS ^{50}Cr(n, x)^{48}V, ^{58}Ni(n, pα), ^{58}Ni(n, x)^{56}Co, ^{63}Cu(n, pα), ^{181}Ta(n, α), ^{181}Ta(n, p), ^{181}Ta(n, x)^{180}Hf, ^{181}Ta(n, 2n), ^{182,183,184,185}W(n, p), ^{183}W(n, x)^{182}Ta, ^{184}W(n, x)^{183}Ta, ^{186}W(n, x)^{185}Ta, ^{186}W(n, 2n), ^{184,186}W(n, α), E=13.8-20.5 MeV; measured Eγ, Iγ; deduced σ. Compared to published data, TALYS and EMPIRE calculations, EAF-2003, EAF-2005, EAF-2007, ADL-3T, JEFF-3.1, JENDL-3.3, JENDL-ACT, ENDF / B-VII. CONF Nice (Nucl Data for Sci and Technol) Proc,P559

A=181 *(continued)*

	2009NO12	NUCLEAR REACTIONS ^{174,176,177,178,179,180}Hf(n, γ), E=0.002-50 keV; measured transmission and capture σ at the GELINA white neutron source facility; deduced resonance parameters using Reich-Moore interpretation and the REFIT code. Comparison with data. JOUR NUPAB 831 106
^{181}W	2008HUZU	NUCLEAR REACTIONS ^{181}W(^{17}O, ^{17}O'), E(cm)=26-36 MeV; measured $\sigma(\theta=166.07^0)$; calculated $\sigma(\theta=166.07^0)$ using FRESCO. Results on CD only. CONF E.Lansing (NS2008),P115,Huiza
	2010MA50	NUCLEAR REACTIONS ^{168}Yb, ^{180}W, ^{184}Os, ^{190}Pt, ^{196}Hg(n, γ), E=spectrum[neutrons from ^{7}Li(p, n), E=1912 keV]; measured Eγ, Iγ, σ using activation method; deduced capture cross sections for an average neutron energy of kT=25 keV. Comparison with previous measurements. Discussed impact on p-process network. JOUR PRVCA 82 035806
	2011BO01	RADIOACTIVITY ^{181,182,183,184}Re(EC); ^{186}Re(EC), (β^-); measured Eγ, Iγ; deduced $T_{1/2}$. Comparison with nuclear databases. JOUR RAACA 99 1
^{181}Re	2011BO01	NUCLEAR REACTIONS W(p, xn)^{181}Re / ^{182}Re / ^{183}Re / ^{184}Re / ^{186}Re, E=9.5 MeV; ^{186}W(p, n), E=14, 17, 22 MeV; measured Eγ, Iγ; deduced thick-target yields, σ. Comparison with EMPIRE II model code. JOUR RAACA 99 1
	2011BO01	RADIOACTIVITY ^{181,182,183,184}Re(EC); ^{186}Re(EC), (β^-); measured Eγ, Iγ; deduced $T_{1/2}$. Comparison with nuclear databases. JOUR RAACA 99 1
^{181}Pb	2009AN20	RADIOACTIVITY ^{180,181}Pb(α) [from ^{144}Sm(^{40}Ca, xn), E=196 MeV];measured Eα, Iα, (evaporation residues)α-, $\alpha\gamma$-coin, α-α correlations, and half-lives using SHIP at GSI facility; deduced branching ratios and α-reduced widths. ^{177}Hg; deduced levels, J, π. ^{172,173}Pt, ^{176,177}Hg(α); measured Eα, half-life. ^{178}Hg, ^{182}Pb; measured Eα. JOUR PRVCA 80 054322

A=182

^{182}Ta	2008SEZT	NUCLEAR REACTIONS ^{50}Cr(n, x)^{48}V, ^{58}Ni(n, pα), ^{58}Ni(n, x)^{56}Co, ^{63}Cu(n, pα), ^{181}Ta(n, α), ^{181}Ta(n, p), ^{181}Ta(n, x)^{180}Hf, ^{181}Ta(n, 2n), ^{182,183,184,185}W(n, p), ^{183}W(n, x)^{182}Ta, ^{184}W(n, x)^{183}Ta, ^{186}W(n, x)^{185}Ta, ^{186}W(n, 2n), ^{184,186}W(n, α), E=13.8-20.5 MeV; measured Eγ, Iγ; deduced σ. Compared to published data, TALYS and EMPIRE calculations, EAF-2003, EAF-2005, EAF-2007, ADL-3T, JEFF-3.1, JENDL-3.3, JENDL-ACT, ENDF / B-VII. CONF Nice (Nucl Data for Sci and Technol) Proc,P559
	2010DZ01	NUCLEAR REACTIONS ^{175}Lu(n, 2n), (n, p), (n, α), E=13.5-14.6 MeV; ^{176}Lu(n, α)E=13.5-14.6 MeV; ^{159}Tb(n, p), (n, α), (n, n'α), (n, 2n), E=13.5-14.6 MeV; ^{181}Ta(n, γ), E=0.0019, 0.0587, 0.1445, 2.850, 14.340 MeV; measured Eγ, Iγ, σ by activation technique, and isomeric ratios. Natural Lu, Tb and Ta targets. Comparison with values from TALYS-1.0 code. JOUR PRVCA 81 014610

A=182 ***(continued)***

	2010KR02	NUCLEAR REACTIONS ^{27}Al, ^{197}Au, ^{59}Co, In, ^{181}Ta(n, γ), (n, α), (n, xn), E=1 GeV; ^{191,192,193,194,196,198}Au, ^{24}Na; measured Eα, Iα, Eγ, Iγ; deduced yields, σ. JOUR NIMAE 615 70
^{182}W	2011BO01	RADIOACTIVITY ^{181,182,183,184}Re(EC); ^{186}Re(EC), (β^-); measured Eγ, Iγ; deduced $T_{1/2}$. Comparison with nuclear databases. JOUR RAACA 99 1
^{182}Re	2008OCZZ	NUCLEAR REACTIONS ^{27}Al(d, x)^{24}Na, ^{51}V(d, 4n), Fe(d, x)^{54}Mn, Fe(d, x)^{56}Co, Ni(d, x)^{57}Co, Cu(d, x)^{63}Zn, Ta(d, x)^{180}Ta, W(d, x)^{182}Re, ^{197}Au(d, x)^{194}Au, E=25, 35, 41, 50 MeV; Cr(d, x)^{48}V, Cr(d, x)^{52}Mn, ^{55}Mn(d, x)^{54}Mn, Ni(d, x)^{56}Co, E=39.5 MeV; measured Eγ, Iγ; deduced σ; calculated σ using TALYS code. Compared to data, ACSELAM data library; also SS316, F82H alloys activities deduced. CONF Nice (Nucl Data for Sci and Technol) Proc,P1011
	2011BO01	NUCLEAR REACTIONS W(p, xn)^{181}Re / ^{182}Re / ^{183}Re / ^{184}Re / ^{186}Re, E=9.5 MeV; ^{186}W(p, n), E=14, 17, 22 MeV; measured Eγ, Iγ; deduced thick-target yields, σ. Comparison with EMPIRE II model code. JOUR RAACA 99 1
	2011BO01	RADIOACTIVITY ^{181,182,183,184}Re(EC); ^{186}Re(EC), (β^-); measured Eγ, Iγ; deduced $T_{1/2}$. Comparison with nuclear databases. JOUR RAACA 99 1
^{182}Os	2008MUZT	NUCLEAR REACTIONS ^{170}Er(^{13}C, X), E=70, 80 MeV; measured Eγ, Iγ, $\alpha\gamma$-coin; deduced levels, J. ^{180}W(^{20}Ne, X)^{182}Os, ^{180}W(^{20}Ne, X)^{186}Pt, ^{180}W(^{20}Ne, X)^{193}Pb, ^{180}W(^{20}Ne, X)^{196}Po, E not given; measured Eγ, Iγ, $\gamma\gamma$-coin, (particle)γ-coin. Results on CD only. CONF E.Lansing (NS2008),P147,Mullins
^{182}Ir	2010ZH26	RADIOACTIVITY ^{162,164,166}Tm, ^{166,168,170,172}Lu, ^{170,172,174,176}Ta, ^{172,174,176,178,180}Re, ^{176,178,180,182}Ir, ^{182,184,186,188}Au(IT); measured Eγ, I$\gamma(\theta)$, $\gamma\gamma$-, (K X-ray)γ-coin using in-beam spectroscopy; deduced bands, signature splittings, systematics. ^{172}Re; deduced high spin levels, J, π. JOUR NUPAB 834 32c
^{182}Au	2010ZH26	RADIOACTIVITY ^{162,164,166}Tm, ^{166,168,170,172}Lu, ^{170,172,174,176}Ta, ^{172,174,176,178,180}Re, ^{176,178,180,182}Ir, ^{182,184,186,188}Au(IT); measured Eγ, I$\gamma(\theta)$, $\gamma\gamma$-, (K X-ray)γ-coin using in-beam spectroscopy; deduced bands, signature splittings, systematics. ^{172}Re; deduced high spin levels, J, π. JOUR NUPAB 834 32c
^{182}Hg	2009PEZY	NUCLEAR REACTIONS ^{96}Mo(^{88}Sr, 2n), E=351 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin.; deduced decay curves of yrast transitions, quadrupole moments; ^{107}Ag(^{184}Hg, ^{184}Hg'), E=2.85 MeV / nucleon;^{120}Sn(^{184}Hg, ^{184}Hg'), E=2.85 MeV / nucleon;^{107}Ag(^{186}Hg, ^{186}Hg'), E=2.85 MeV / nucleon;^{120}Sn(^{186}Hg, ^{186}Hg'), E=2.85 MeV / nucleon;^{107}Ag(^{188}Hg, ^{188}Hg'), E=2.85 MeV / nucleon;^{120}Sn(^{188}Hg, ^{188}Hg'), E=2.85 MeV / nucleon; measured Eγ, Iγ, particle-γ-coin. Plunger device with JUROGAM + RITU + GREAT, matrix E2 elements to be extracted. CONF Cologne (Capture Gamma-Ray Spectroscopy) Proc,P414,Petts
	2010JU02	RADIOACTIVITY ^{180}Pb(α)[from ^{92}Mo(^{90}Zr, 2n)]; ^{176}Hg(α)[from ^{180}Pb(α)]; measured Eγ, Iγ, $\alpha\gamma$-coin. ^{180,182,184,186,188}Pb(α), (β^+); measured Eγ, Iγ; deduced prolate bands aligned angular momentum. ^{254}No(IT); measured Eγ, Iγ; deduced rotational bands. JOUR NUPAB 834 15c

A=182 ***(continued)***

	2010SC03	NUCLEAR REACTIONS ^{96}Mo(^{88}Sr, 2n), E=310 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, level half-lives by recoil distance Doppler-shift (RDDS) method using JUROGAM array. ^{182}Hg; deduced levels, J, π, transition probabilities, transition quadrupole moments, quadrupole deformation parameters, transition dipole moments, and octupole collectivity. Systematics of odd-spin yrast states and low-lying positive parity states in even A=176-206 Hg isotopes. JOUR PRVCA 81 014310
^{182}Tl	2010JU02	RADIOACTIVITY ^{180}Pb(α)[from ^{92}Mo(^{90}Zr, 2n)]; ^{176}Hg(α)[from ^{180}Pb(α)]; measured Eγ, Iγ, $\alpha\gamma$-coin. ^{180,182,184,186,188}Pb(α), (β^+); measured Eγ, Iγ; deduced prolate bands aligned angular momentum. ^{254}No(IT); measured Eγ, Iγ; deduced rotational bands. JOUR NUPAB 834 15c
^{182}Pb	2009AN20	RADIOACTIVITY ^{180,181}Pb(α) [from ^{144}Sm(^{40}Ca, xn), E=196 MeV];measured Eα, Iα, (evaporation residues)α-, $\alpha\gamma$-coin, α-α correlations, and half-lives using SHIP at GSI facility; deduced branching ratios and α-reduced widths. ^{177}Hg; deduced levels, J, π. ^{172,173}Pt, ^{176,177}Hg(α); measured Eα, half-life. ^{178}Hg, ^{182}Pb; measured Eα. JOUR PRVCA 80 054322
	2010JU02	RADIOACTIVITY ^{180}Pb(α)[from ^{92}Mo(^{90}Zr, 2n)]; ^{176}Hg(α)[from ^{180}Pb(α)]; measured Eγ, Iγ, $\alpha\gamma$-coin. ^{180,182,184,186,188}Pb(α), (β^+); measured Eγ, Iγ; deduced prolate bands aligned angular momentum. ^{254}No(IT); measured Eγ, Iγ; deduced rotational bands. JOUR NUPAB 834 15c

A=183

^{183}Hf	2008SEZT	NUCLEAR REACTIONS ^{50}Cr(n, x)^{48}V, ^{58}Ni(n, pα), ^{58}Ni(n, x)^{56}Co, ^{63}Cu(n, pα), ^{181}Ta(n, α), ^{181}Ta(n, p), ^{181}Ta(n, x)^{180}Hf, ^{181}Ta(n, 2n), ^{182,183,184,185}W(n, p), ^{183}W(n, x)^{182}Ta, ^{184}W(n, x)^{183}Ta, ^{186}W(n, x)^{185}Ta, ^{186}W(n, 2n), ^{184,186}W(n, α), E=13.8-20.5 MeV; measured Eγ, Iγ; deduced σ. Compared to published data, TALYS and EMPIRE calculations, EAF-2003, EAF-2005, EAF-2007, ADL-3T, JEFF-3.1, JENDL-3.3, JENDL-ACT, ENDF / B-VII. CONF Nice (Nucl Data for Sci and Technol) Proc,P559
	2010RE07	NUCLEAR REACTIONS ^{9}Be(^{197}Au, X)^{183}Hf / ^{184}Hf / ^{186}Hf / ^{186}Ta / ^{187}Ta, E=478-492 MeV / nucleon; measured Schottky frequency spectra of ions stored in an ESR storage ring; deduced $T_{1/2}$, J, π, isomer region near N=116. JOUR PRLTA 105 172501
^{183}Ta	2008SEZT	NUCLEAR REACTIONS ^{50}Cr(n, x)^{48}V, ^{58}Ni(n, pα), ^{58}Ni(n, x)^{56}Co, ^{63}Cu(n, pα), ^{181}Ta(n, α), ^{181}Ta(n, p), ^{181}Ta(n, x)^{180}Hf, ^{181}Ta(n, 2n), ^{182,183,184,185}W(n, p), ^{183}W(n, x)^{182}Ta, ^{184}W(n, x)^{183}Ta, ^{186}W(n, x)^{185}Ta, ^{186}W(n, 2n), ^{184,186}W(n, α), E=13.8-20.5 MeV; measured Eγ, Iγ; deduced σ. Compared to published data, TALYS and EMPIRE calculations, EAF-2003, EAF-2005, EAF-2007, ADL-3T, JEFF-3.1, JENDL-3.3, JENDL-ACT, ENDF / B-VII. CONF Nice (Nucl Data for Sci and Technol) Proc,P559

A=183 ***(continued)***

^{183}W	2011BO01	RADIOACTIVITY ^{181,182,183,184}Re(EC); ^{186}Re(EC), (β^-); measured Eγ, Iγ; deduced $T_{1/2}$. Comparison with nuclear databases. JOUR RAACA 99 1
^{183}Re	2011BO01	NUCLEAR REACTIONS W(p, xn)^{181}Re / ^{182}Re / ^{183}Re / ^{184}Re / ^{186}Re, E=9.5 MeV; ^{186}W(p, n), E=14, 17, 22 MeV; measured Eγ, Iγ; deduced thick-target yields, σ. Comparison with EMPIRE II model code. JOUR RAACA 99 1
	2011BO01	RADIOACTIVITY ^{181,182,183,184}Re(EC); ^{186}Re(EC), (β^-); measured Eγ, Iγ; deduced $T_{1/2}$. Comparison with nuclear databases. JOUR RAACA 99 1
^{183}Tl	2011VE01	RADIOACTIVITY ^{183}Tl(α), ^{179}Au(IT) [from ^{107}Ag(^{78}Kr, X)^{185}Bi(2p)]; measured Eγ, Iγ, $\gamma\gamma$-coin., Eα, Iα, α-γ coin.; deduced new isomer, $T_{1/2}$, B(E1), level scheme, shape coexistence, intruder states. JOUR PYLBB 695 82

A=184

^{184}Hf	2010RE07	NUCLEAR REACTIONS ^{9}Be(^{197}Au, X)^{183}Hf / ^{184}Hf / ^{186}Hf / ^{186}Ta / ^{187}Ta, E=478-492 MeV / nucleon; measured Schottky frequency spectra of ions stored in an ESR storage ring; deduced $T_{1/2}$, J, π, isomer region near N=116. JOUR PRLTA 105 172501
^{184}Ta	2008SEZT	NUCLEAR REACTIONS ^{50}Cr(n, x)^{48}V, ^{58}Ni(n, pα), ^{58}Ni(n, x)^{56}Co, ^{63}Cu(n, pα), ^{181}Ta(n, α), ^{181}Ta(n, p), ^{181}Ta(n, x)^{180}Hf, ^{181}Ta(n, 2n), ^{182,183,184,185}W(n, p), ^{183}W(n, x)^{182}Ta, ^{184}W(n, x)^{183}Ta, ^{186}W(n, x)^{185}Ta, ^{186}W(n, 2n), ^{184,186}W(n, α), E=13.8-20.5 MeV; measured Eγ, Iγ; deduced σ. Compared to published data, TALYS and EMPIRE calculations, EAF-2003, EAF-2005, EAF-2007, ADL-3T, JEFF-3.1, JENDL-3.3, JENDL-ACT, ENDF / B-VII. CONF Nice (Nucl Data for Sci and Technol) Proc,P559
^{184}W	2008HAZP	RADIOACTIVITY ^{184}Re(β^+)[from ^{185}Re]; measured Eγ, Iγ(t); deduced ^{184}Re half-life, isomeric transition half-life. CONF Nice (Nucl Data for Sci and Technol) Proc,P73
	2010JI07	NUCLEAR REACTIONS ^{152,154}Sm, ^{184}W, ^{196}Pt, ^{208}Pb(^{16}O, ^{16}O'), E(cm)=35-70 MeV; measured $\sigma(\theta=175°)$; calculated σ using CC and single-channel formalisms; deduced nuclear potential diffuseness parameters. JOUR NUPAB 834 189c
	2011BO01	RADIOACTIVITY ^{181,182,183,184}Re(EC); ^{186}Re(EC), (β^-); measured Eγ, Iγ; deduced $T_{1/2}$. Comparison with nuclear databases. JOUR RAACA 99 1
^{184}Re	2008HAZP	NUCLEAR REACTIONS ^{185}Re(γ, n), E=3.3-16.7 MeV; measured ^{184}Re Eγ, Iγ(t); calculated ^{184}Re ground-state σ, isomeric σ. CONF Nice (Nucl Data for Sci and Technol) Proc,P73
	2008HAZP	RADIOACTIVITY ^{184}Re(β^+)[from ^{185}Re]; measured Eγ, Iγ(t); deduced ^{184}Re half-life, isomeric transition half-life. CONF Nice (Nucl Data for Sci and Technol) Proc,P73

A=184 ***(continued)***

	2011BO01	NUCLEAR REACTIONS W(p, xn)^{181}Re / ^{182}Re / ^{183}Re / ^{184}Re / ^{186}Re, E=9.5 MeV; ^{186}W(p, n), E=14, 17, 22 MeV; measured Eγ, Iγ; deduced thick-target yields, σ. Comparison with EMPIRE II model code. JOUR RAACA 99 1
	2011BO01	RADIOACTIVITY ^{181,182,183,184}Re(EC); ^{186}Re(EC), (β^-); measured Eγ, Iγ; deduced $T_{1/2}$. Comparison with nuclear databases. JOUR RAACA 99 1
^{184}Ir	2009YA25	NUCLEAR REACTIONS ^{197}Au(^{12}C, X)^{184}Ir / ^{185}Ir / ^{186}Ir / ^{187}Ir / ^{189}Ir / ^{190}Ir / ^{192}Ir / ^{194}Ir / ^{195}Ir / ^{196}Ir, E=47 MeV / nucleon; measured Eγ, Iγ; deduced σ. JOUR CPCHC 33 s01 196
^{184}Au	2010ZH26	RADIOACTIVITY ^{162,164,166}Tm, ^{166,168,170,172}Lu, ^{170,172,174,176}Ta, ^{172,174,176,178,180}Re, ^{176,178,180,182}Ir, ^{182,184,186,188}Au(IT); measured Eγ, I$\gamma(\theta)$, $\gamma\gamma$-, (K X-ray)γ-coin using in-beam spectroscopy; deduced bands, signature splittings, systematics. ^{172}Re; deduced high spin levels, J, π. JOUR NUPAB 834 32c
^{184}Hg	2008TAZI	NUCLEAR REACTIONS Pb(p, x), E=1, 1.4 GeV; Bi(p, x), E=1, 1.4 GeV; measured Eγ, Iγ, A(particle) using melted thick target at ISOLDE facility; ^{76,77,79,85,87,88,89,90}Kr, ^{111}Cd, ^{121,124,126}I, ^{120,121,122,123,125,127,129,131,133}Xe, ^{184,186,188,190,192,193,195,197,203,205,206}Hg, ^{204,205,206,207,208,209,210}At; deduced thick target yields temperature dependence 250-600 centigrade; calculated using FLUKA, MCNPX with INCL4 / ABLA. CONF Nice (Nucl Data for Sci and Technol) Proc,P1069
	2010JU02	RADIOACTIVITY ^{180}Pb(α)[from ^{92}Mo(^{90}Zr, 2n)]; ^{176}Hg(α)[from ^{180}Pb(α)]; measured Eγ, Iγ, $\alpha\gamma$-coin. ^{180,182,184,186,188}Pb(α), (β^+); measured Eγ, Iγ; deduced prolate bands aligned angular momentum. ^{254}No(IT); measured Eγ, Iγ; deduced rotational bands. JOUR NUPAB 834 15c
^{184}Tl	2010JU02	RADIOACTIVITY ^{180}Pb(α)[from ^{92}Mo(^{90}Zr, 2n)]; ^{176}Hg(α)[from ^{180}Pb(α)]; measured Eγ, Iγ, $\alpha\gamma$-coin. ^{180,182,184,186,188}Pb(α), (β^+); measured Eγ, Iγ; deduced prolate bands aligned angular momentum. ^{254}No(IT); measured Eγ, Iγ; deduced rotational bands. JOUR NUPAB 834 15c
^{184}Pb	2010JU02	RADIOACTIVITY ^{180}Pb(α)[from ^{92}Mo(^{90}Zr, 2n)]; ^{176}Hg(α)[from ^{180}Pb(α)]; measured Eγ, Iγ, $\alpha\gamma$-coin. ^{180,182,184,186,188}Pb(α), (β^+); measured Eγ, Iγ; deduced prolate bands aligned angular momentum. ^{254}No(IT); measured Eγ, Iγ; deduced rotational bands. JOUR NUPAB 834 15c

A=185

^{185}Ta	2008SEZT	NUCLEAR REACTIONS ^{50}Cr(n, x)^{48}V, ^{58}Ni(n, pα), ^{58}Ni(n, x)^{56}Co, ^{63}Cu(n, pα), ^{181}Ta(n, α), ^{181}Ta(n, p), ^{181}Ta(n, x)^{180}Hf, ^{181}Ta(n, 2n), ^{182,183,184,185}W(n, p), ^{183}W(n, x)^{182}Ta, ^{184}W(n, x)^{183}Ta, ^{186}W(n, x)^{185}Ta, ^{186}W(n, 2n), ^{184,186}W(n, α), E=13.8-20.5 MeV; measured Eγ, Iγ; deduced σ. Compared to published data, TALYS and EMPIRE calculations, EAF-2003, EAF-2005, EAF-2007, ADL-3T, JEFF-3.1, JENDL-3.3, JENDL-ACT, ENDF / B-VII. CONF Nice (Nucl Data for Sci and Technol) Proc,P559
^{185}W	2008SEZT	NUCLEAR REACTIONS ^{50}Cr(n, x)^{48}V, ^{58}Ni(n, pα), ^{58}Ni(n, x)^{56}Co, ^{63}Cu(n, pα), ^{181}Ta(n, α), ^{181}Ta(n, p), ^{181}Ta(n, x)^{180}Hf, ^{181}Ta(n, 2n), ^{182,183,184,185}W(n, p), ^{183}W(n, x)^{182}Ta, ^{184}W(n, x)^{183}Ta, ^{186}W(n, x)^{185}Ta, ^{186}W(n, 2n), ^{184,186}W(n, α), E=13.8-20.5 MeV; measured Eγ, Iγ; deduced σ. Compared to published data, TALYS and EMPIRE calculations, EAF-2003, EAF-2005, EAF-2007, ADL-3T, JEFF-3.1, JENDL-3.3, JENDL-ACT, ENDF / B-VII. CONF Nice (Nucl Data for Sci and Technol) Proc,P559
^{185}Os	2010MA50	NUCLEAR REACTIONS ^{168}Yb, ^{180}W, ^{184}Os, ^{190}Pt, ^{196}Hg(n, γ), E=spectrum[neutrons from ^{7}Li(p, n), E=1912 keV]; measured Eγ, Iγ, σ using activation method; deduced capture cross sections for an average neutron energy of kT=25 keV. Comparison with previous measurements. Discussed impact on p-process network. JOUR PRVCA 82 035806
^{185}Ir	2009YA25	NUCLEAR REACTIONS ^{197}Au(^{12}C, X)^{184}Ir / ^{185}Ir / ^{186}Ir / ^{187}Ir / ^{189}Ir / ^{190}Ir / ^{192}Ir / ^{194}Ir / ^{195}Ir / ^{196}Ir, E=47 MeV / nucleon; measured Eγ, Iγ; deduced σ. JOUR CPCHC 33 s01 196

A=186

^{186}Hf	2009AL30	NUCLEAR REACTIONS Be(^{208}Pb, X)^{186}Hf / ^{187}Hf / ^{188}Hf / ^{189}Hf / ^{188}Ta / ^{189}Ta / ^{190}Ta / ^{191}Ta / ^{192}Ta / ^{190}W / ^{191}W / ^{192}W / ^{193}W / ^{194}W / ^{192}Re / ^{193}Re / ^{194}Re / ^{195}Re / ^{196}Re, E=1 GeV / nucleon; measured yields. ^{187}Hf, ^{188,189,190}Ta, ^{190,191}W, ^{192,193}Re; measured delayed γ; deduced isomers and half-lives. JOUR PRVCA 80 064308
	2010RE07	NUCLEAR REACTIONS ^{9}Be(^{197}Au, X)^{183}Hf / ^{184}Hf / ^{186}Hf / ^{186}Ta / ^{187}Ta, E=478-492 MeV / nucleon; measured Schottky frequency spectra of ions stored in an ESR storage ring; deduced $T_{1/2}$, J, π, isomer region near N=116. JOUR PRLTA 105 172501
^{186}Ta	2010RE07	NUCLEAR REACTIONS ^{9}Be(^{197}Au, X)^{183}Hf / ^{184}Hf / ^{186}Hf / ^{186}Ta / ^{187}Ta, E=478-492 MeV / nucleon; measured Schottky frequency spectra of ions stored in an ESR storage ring; deduced $T_{1/2}$, J, π, isomer region near N=116. JOUR PRLTA 105 172501
^{186}W	2011BO01	RADIOACTIVITY ^{181,182,183,184}Re(EC); ^{186}Re(EC), (β^-); measured Eγ, Iγ; deduced $T_{1/2}$. Comparison with nuclear databases. JOUR RAACA 99 1

A=186 *(continued)*

^{186}Re	2008MEZV	NUCLEAR REACTIONS ^{209}Bi(α, x), E=28.8, 32.8 MeV; measured Eγ, Iγ, Eα, Iα; ^{186}W(p, n), E=7-15 MeV; deduced σ; calculated σ; Zn(d, x)^{61}Cu, E≈3-19 MeV; Zn(d, x)^{64}Cu, E≈3-19 MeV; Zn(d, x)^{66}Ga, E≈3-19 MeV; Zn(d, x)^{67}Ga, E≈3-19 MeV; Zn(d, x)^{65}Zn, E≈3-19 MeV; Zn(d, x)^{69}Zn, E≈3-19 MeV; measured Eγ, Iγ; deduced thin taeget yields; ^{103}Rh(d, 2n), E≈3-20 MeV; ^{232}Th(p, 3n), E≈13-31 MeV; calculated σ. Calculations using EMPIRE II; compared to available data. CONF Nice (Nucl Data for Sci and Technol) Proc,P1403
	2009KEZZ	NUCLEAR REACTIONS ^{187}Re(n, 2nγ)^{186m}Re, E=12 MeV; measured Eγ, Iγ 12 up to months after irradiation. Aim is to reduce uncertainties in ^{186}Re / ^{187}Os cosmochronometer; further experiments and analyses to follow. REPT TUNL-XLVIII,P48,Kelley
	2011BO01	NUCLEAR REACTIONS W(p, xn)^{181}Re / ^{182}Re / ^{183}Re / ^{184}Re / ^{186}Re, E=9.5 MeV; ^{186}W(p, n), E=14, 17, 22 MeV; measured Eγ, Iγ; deduced thick-target yields, σ. Comparison with EMPIRE II model code. JOUR RAACA 99 1
	2011BO01	RADIOACTIVITY ^{181,182,183,184}Re(EC); ^{186}Re(EC), (β^-); measured Eγ, Iγ; deduced $T_{1/2}$. Comparison with nuclear databases. JOUR RAACA 99 1
^{186}Os	2008PHZW	NUCLEAR REACTIONS ^{185,187}Re(^{3}He, d), E=30 MeV; measured A(particle), Z(particle), E(particle), I(particle, θ); deduced levels, J, π, $\sigma(\theta)$. Calculated $\sigma(\theta)$ using DWUCK4. Results on CD only. CONF E.Lansing (NS2008),P160,Phillips
	2009PHZY	NUCLEAR REACTIONS ^{185,187}Re(^{3}He, d), E=30 MeV; measured E(particle), I(particle), θ(particle); deduced d$\sigma(\theta)$, rotational bands; calculated d$\sigma(\theta)$, rotational bands using DWBA. CONF Cologne (Capture Gamma-Ray Spectroscopy) Proc,P342,Phillips
	2010PH01	NUCLEAR REACTIONS ^{185,187}Re(^{3}He, d), E=30 MeV; measured E(d), I(d), σ, $\sigma(\theta)$; DWBA analysis of $\sigma(\theta)$ data. ^{186,188}Os; deduced levels, J, π, L-transfers, spectroscopic factors, bands and amplitudes of two-quasiparticle components. Comparison with quasiparticle-phonon model (QPM) predictions. JOUR PRVCA 82 034321
	2011BO01	RADIOACTIVITY ^{181,182,183,184}Re(EC); ^{186}Re(EC), (β^-); measured Eγ, Iγ; deduced $T_{1/2}$. Comparison with nuclear databases. JOUR RAACA 99 1
^{186}Ir	2009YA25	NUCLEAR REACTIONS ^{197}Au(^{12}C, X)^{184}Ir / ^{185}Ir / ^{186}Ir / ^{187}Ir / ^{189}Ir / ^{190}Ir / ^{192}Ir / ^{194}Ir / ^{195}Ir / ^{196}Ir, E=47 MeV / nucleon; measured Eγ, Iγ; deduced σ. JOUR CPCHC 33 s01 196
	2010SI10	NUCLEAR REACTIONS ^{181}Ta(^{16}O, X)^{186}Ir / ^{190}Au / ^{191}Au / ^{192}Au / ^{191}Hg / ^{192}Hg / ^{193}Hg / ^{192}Tl / ^{193}Tl / ^{194}Tl, E=81, 90, 96 MeV; measured Eγ, Iγ, forward recoil range distributions (RRD); deduced incomplete fusion fractions. Comparison with break-up fusion (BUF) model. JOUR PRVCA 81 054607
^{186}Pt	2008MUZT	NUCLEAR REACTIONS ^{170}Er(^{13}C, X), E=70, 80 MeV; measured Eγ, Iγ, $\alpha\gamma$-coin; deduced levels, J. ^{180}W(^{20}Ne, X)^{182}Os, ^{180}W(^{20}Ne, X)^{186}Pt, ^{180}W(^{20}Ne, X)^{193}Pb, ^{180}W(^{20}Ne, X)^{196}Po, E not given; measured Eγ, Iγ, $\gamma\gamma$-coin, (particle)γ-coin. Results on CD only. CONF E.Lansing (NS2008),P147,Mullins

A=186 *(continued)*

^{186}Au	2010ZH26	RADIOACTIVITY ^{162,164,166}Tm, ^{166,168,170,172}Lu, ^{170,172,174,176}Ta, ^{172,174,176,178,180}Re, ^{176,178,180,182}Ir, ^{182,184,186,188}Au(IT); measured Eγ, I$\gamma(\theta)$, $\gamma\gamma$-, (K X-ray)γ-coin using in-beam spectroscopy; deduced bands, signature splittings, systematics. ^{172}Re; deduced high spin levels, J, π. JOUR NUPAB 834 32c
^{186}Hg	2008TAZI	NUCLEAR REACTIONS Pb(p, x), E=1, 1.4 GeV; Bi(p, x), E=1, 1.4 GeV; measured Eγ, Iγ, A(particle) using melted thick target at ISOLDE facility; ^{76,77,79,85,87,88,89,90}Kr, ^{111}Cd, ^{121,124,126}I, ^{120,121,122,123,125,127,129,131,133}Xe, ^{184,186,188,190,192,193,195,197,203,205,206}Hg, ^{204,205,206,207,208,209,210}At; deduced thick target yields temperature dependence 250-600 centigrade; calculated using FLUKA, MCNPX with INCL4 / ABLA. CONF Nice (Nucl Data for Sci and Technol) Proc,P1069
^{186}Tl	2010JU02	RADIOACTIVITY ^{180}Pb(α)[from ^{92}Mo(^{90}Zr, 2n)]; ^{176}Hg(α)[from ^{180}Pb(α)]; measured Eγ, Iγ, $\alpha\gamma$-coin. ^{180,182,184,186,188}Pb(α), (β^+); measured Eγ, Iγ; deduced prolate bands aligned angular momentum. ^{254}No(IT); measured Eγ, Iγ; deduced rotational bands. JOUR NUPAB 834 15c
^{186}Pb	2010JU02	RADIOACTIVITY ^{180}Pb(α)[from ^{92}Mo(^{90}Zr, 2n)]; ^{176}Hg(α)[from ^{180}Pb(α)]; measured Eγ, Iγ, $\alpha\gamma$-coin. ^{180,182,184,186,188}Pb(α), (β^+); measured Eγ, Iγ; deduced prolate bands aligned angular momentum. ^{254}No(IT); measured Eγ, Iγ; deduced rotational bands. JOUR NUPAB 834 15c

A=187

^{187}Hf	2009AL30	NUCLEAR REACTIONS Be(^{208}Pb, X)^{186}Hf / ^{187}Hf / ^{188}Hf / ^{189}Hf / ^{188}Ta / ^{189}Ta / ^{190}Ta / ^{191}Ta / ^{192}Ta / ^{190}W / ^{191}W / ^{192}W / ^{193}W / ^{194}W / ^{192}Re / ^{193}Re / ^{194}Re / ^{195}Re / ^{196}Re, E=1 GeV / nucleon; measured yields. ^{187}Hf, ^{188,189,190}Ta, ^{190,191}W, ^{192,193}Re; measured delayed γ; deduced isomers and half-lives. JOUR PRVCA 80 064308
^{187}Ta	2010RE07	NUCLEAR REACTIONS ^{9}Be(^{197}Au, X)^{183}Hf / ^{184}Hf / ^{186}Hf / ^{186}Ta / ^{187}Ta, E=478-492 MeV / nucleon; measured Schottky frequency spectra of ions stored in an ESR storage ring; deduced $T_{1/2}$, J, π, isomer region near N=116. JOUR PRLTA 105 172501
^{187}W	2010EL02	NUCLEAR REACTIONS ^{98}Mo, ^{186}W, ^{197}Au(n, γ), E=thermal; measured Eγ, Iγ; deduced neutron flux, σ, resonance integrals. Comparison with available data. JOUR JRNCD 284 321
^{187}Os	2008MOZR	NUCLEAR REACTIONS ^{187}Os(n, n'), E=30 keV; measured En, In; deduced σ;calculated σ. Compared to other data below 70 keV. CONF Nice (Nucl Data for Sci and Technol) Proc,P1307
	2010CO02	NUCLEAR REACTIONS ^{197}Au, ^{151}Sm, Pb, ^{204,206,207,208}Pb, ^{209}Bi, ^{139}La, ^{232}Th, ^{24,25,26}Mg, ^{90,91,92,93,94,95,96}Zr, ^{186,187,188}Os, ^{233,234,235,236,238}U, ^{237}Np, ^{240}Pu, ^{241,243}Am, ^{245}Cm(n, γ), E=0.001-1 MeV; measured Eγ, Iγ, fission fragments; deduced σ. JOUR ARISE 68 643

A=187 *(continued)*

	2010FU04	NUCLEAR REACTIONS ^{186,187,188}Os(n, γ), E=1 eV-1 MeV; measured neutron time-of-flight spectra, σ at CERN n_TOF facility; deduced resonance energies and parameters, strength functions, radiative and neutron widths, resonance kernels, stellar enhancement factors, and average level spacings. R-matrix analysis of neutron resonance spectra. Hauser-Feshbach statistical model. Comparison with previous data. Discussed s-process component of ^{187}Os abundance and impact on the time duration of galactic nucleosynthesis via the Re / Os cosmochronometer. JOUR PRVCA 82 015804
	2010MO15	NUCLEAR REACTIONS ^{186,187,188}Os(n, γ), E=1 eV-1 MeV; measured neutron time-of-flight spectra and σ at CERN n_TOF facility; deduced resonances and Maxwellian averaged cross sections (MACS). R-matrix analysis of neutron resonance spectra. Relevance to radiogenic component of the abundance of ^{187}Os and Re / Os cosmochronometer. Comparison with previous data. JOUR PRVCA 82 015802
	2010MO16	NUCLEAR REACTIONS ^{187,188}Os(n, n'), E=30 keV; measured neutron time-of-flight spectra at CERN n_TOF facility; deduced σ. Comparison with previous data and with coupled-channel (CC) calculations. Relevance to ^{187}Os and Re / Os cosmochronometer. JOUR PRVCA 82 015803
^{187}Ir	2009YA25	NUCLEAR REACTIONS ^{197}Au(^{12}C, X)^{184}Ir / ^{185}Ir / ^{186}Ir / ^{187}Ir / ^{189}Ir / ^{190}Ir / ^{192}Ir / ^{194}Ir / ^{195}Ir / ^{196}Ir, E=47 MeV / nucleon; measured Eγ, Iγ; deduced σ. JOUR CPCHC 33 s01 196
	2010MO09	NUCLEAR REACTIONS ^{186}W(^{7}Li, 6n)^{187}Ir, E=59 MeV; measured Eγ, Iγ, (particle)γ-, $\gamma\gamma$-coin, DCO, delayed γ rays, half-lives using GASP array. ^{187}Ir; deduced levels, J, π, rotational bands, multiquasiparticle high-K states, configurations. Comparison with systematics of bands in ^{181,183,185}Ir, ^{182,184,186}Os. JOUR PRVCA 81 054304
	2010SZ03	NUCLEAR REACTIONS ^{192}Os(p, n), (p, 3n), (p, 4n), (p, 5n), (p, 6n), Cu(p, n)^{65}Zn, Al(p, X)^{24}Na, Cu(p, X)^{62}Zn E < 66 MeV; measured reaction products, Eγ, Iγ; deduced σ, integral yields. Comparison with model code ALICE / ASH. JOUR NIMBE 268 3306

A=188

^{188}Hf	2009AL30	NUCLEAR REACTIONS Be(^{208}Pb, X)^{186}Hf / ^{187}Hf / ^{188}Hf / ^{189}Hf / ^{188}Ta / ^{189}Ta / ^{190}Ta / ^{191}Ta / ^{192}Ta / ^{190}W / ^{191}W / ^{192}W / ^{193}W / ^{194}W / ^{192}Re / ^{193}Re / ^{194}Re / ^{195}Re / ^{196}Re, E=1 GeV / nucleon; measured yields. ^{187}Hf, ^{188,189,190}Ta, ^{190,191}W, ^{192,193}Re; measured delayed γ; deduced isomers and half-lives. JOUR PRVCA 80 064308
^{188}Ta	2009AL30	NUCLEAR REACTIONS Be(^{208}Pb, X)^{186}Hf / ^{187}Hf / ^{188}Hf / ^{189}Hf / ^{188}Ta / ^{189}Ta / ^{190}Ta / ^{191}Ta / ^{192}Ta / ^{190}W / ^{191}W / ^{192}W / ^{193}W / ^{194}W / ^{192}Re / ^{193}Re / ^{194}Re / ^{195}Re / ^{196}Re, E=1 GeV / nucleon; measured yields. ^{187}Hf, ^{188,189,190}Ta, ^{190,191}W, ^{192,193}Re; measured delayed γ; deduced isomers and half-lives. JOUR PRVCA 80 064308

A=188 ***(continued)***

	2009AL30	RADIOACTIVITY ^{188,190,192}Ta(β^-)[from Be(^{208}Pb, X), E=1 GeV / nucleon]; measured Eγ, Iγ, $\gamma\gamma$-coin, $\beta\gamma$ correlations, and half-lives using GSI Fragment separator, MUSIC ionization chamber; and RISING array. ^{188,190,192}W; deduced levels, J, π, logft. Comparison with interacting boson approximation (IBA-1) calculations for ^{190}W. Z=56-80, N=84-122; discussed systematics of first 2+ and 4+ states, B(E2), and γ deformation parameter in even-even nuclei. JOUR PRVCA 80 064308
^{188}W	2009AL30	RADIOACTIVITY ^{188,190,192}Ta(β^-)[from Be(^{208}Pb, X), E=1 GeV / nucleon]; measured Eγ, Iγ, $\gamma\gamma$-coin, $\beta\gamma$ correlations, and half-lives using GSI Fragment separator, MUSIC ionization chamber; and RISING array. ^{188,190,192}W; deduced levels, J, π, logft. Comparison with interacting boson approximation (IBA-1) calculations for ^{190}W. Z=56-80, N=84-122; discussed systematics of first 2+ and 4+ states, B(E2), and γ deformation parameter in even-even nuclei. JOUR PRVCA 80 064308
^{188}Re	2009BAZS	NUCLEAR REACTIONS ^{187}Re(n, γ), E=reactor spectrum; measured Eγ, Iγ, $\gamma\gamma$-coin.; deduced E, J, π, low-energy bands, rotational bands; calculated E, J, π using rotor plus teo quasiparticles. CONF Cologne (Capture Gamma-Ray Spectroscopy) Proc,P609,Balodis
^{188}Os	2008PHZW	NUCLEAR REACTIONS ^{185,187}Re(^{3}He, d), E=30 MeV; measured A(particle), Z(particle), E(particle), I(particle, θ); deduced levels, J, π, $\sigma(\theta)$. Calculated $\sigma(\theta)$ using DWUCK4. Results on CD only. CONF E.Lansing (NS2008),P160,Phillips
	2009PHZY	NUCLEAR REACTIONS ^{185,187}Re(^{3}He, d), E=30 MeV; measured E(particle), I(particle), θ(particle); deduced d$\sigma(\theta)$, rotational bands; calculated d$\sigma(\theta)$, rotational bands using DWBA. CONF Cologne (Capture Gamma-Ray Spectroscopy) Proc,P342,Phillips
	2010CO02	NUCLEAR REACTIONS ^{197}Au, ^{151}Sm, Pb, ^{204,206,207,208}Pb, ^{209}Bi, ^{139}La, ^{232}Th, ^{24,25,26}Mg, ^{90,91,92,93,94,95,96}Zr, ^{186,187,188}Os, ^{233,234,235,236,238}U, ^{237}Np, ^{240}Pu, ^{241,243}Am, ^{245}Cm(n, γ), E=0.001-1 MeV; measured Eγ, Iγ, fission fragments; deduced σ. JOUR ARISE 68 643
	2010FU04	NUCLEAR REACTIONS ^{186,187,188}Os(n, γ), E=1 eV-1 MeV; measured neutron time-of-flight spectra, σ at CERN n_TOF facility; deduced resonance energies and parameters, strength functions, radiative and neutron widths, resonance kernels, stellar enhancement factors, and average level spacings. R-matrix analysis of neutron resonance spectra. Hauser-Feshbach statistical model. Comparison with previous data. Discussed s-process component of ^{187}Os abundance and impact on the time duration of galactic nucleosynthesis via the Re / Os cosmochronometer. JOUR PRVCA 82 015804
	2010MO15	NUCLEAR REACTIONS ^{186,187,188}Os(n, γ), E=1 eV-1 MeV; measured neutron time-of-flight spectra and σ at CERN n_TOF facility; deduced resonances and Maxwellian averaged cross sections (MACS). R-matrix analysis of neutron resonance spectra. Relevance to radiogenic component of the abundance of ^{187}Os and Re / Os cosmochronometer. Comparison with previous data. JOUR PRVCA 82 015802

A=188 ***(continued)***

	2010MO16	NUCLEAR REACTIONS ^{187,188}Os(n, n'), E=30 keV; measured neutron time-of-flight spectra at CERN n_TOF facility; deduced σ. Comparison with previous data and with coupled-channel (CC) calculations. Relevance to ^{187}Os and Re / Os cosmochronometer. JOUR PRVCA 82 015803
	2010PH01	NUCLEAR REACTIONS ^{185,187}Re(^{3}He, d), E=30 MeV; measured E(d), I(d), σ, $\sigma(\theta)$; DWBA analysis of $\sigma(\theta)$ data. ^{186,188}Os; deduced levels, J, π, L-transfers, spectroscopic factors, bands and amplitudes of two-quasiparticle components. Comparison with quasiparticle-phonon model (QPM) predictions. JOUR PRVCA 82 034321
^{188}Ir	2008COZX	NUCLEAR REACTIONS ^{191}Ir(n, γ), E≈0-20 MeV; ^{191}Ir(n, n'), E≈0-20 MeV; ^{191}Ir(n, 2n), E≈5-25 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin.; deduced σ, ^{190,191}Ir isomeric transition, role of metastable states; calculated σ, σ(isomeric transition) using FKK-GNASH and exciton model; ^{191}Ir(n, 2n), ^{191}Ir(n, 3n), ^{191}Ir(n, 4n), E≈5-35 MeV; calculated σ. Compared to data and evaluations. GEANIE facility. CONF Nice (Nucl Data for Sci and Technol) Proc,P247
	2010SZ03	NUCLEAR REACTIONS ^{192}Os(p, n), (p, 3n), (p, 4n), (p, 5n), (p, 6n), Cu(p, n)^{65}Zn, Al(p, X)^{24}Na, Cu(p, X)^{62}Zn E < 66 MeV; measured reaction products, Eγ, Iγ; deduced σ, integral yields. Comparison with model code ALICE / ASH. JOUR NIMBE 268 3306
^{188}Au	2010ZH26	RADIOACTIVITY ^{162,164,166}Tm, ^{166,168,170,172}Lu, ^{170,172,174,176}Ta, ^{172,174,176,178,180}Re, ^{176,178,180,182}Ir, ^{182,184,186,188}Au(IT); measured Eγ, I$\gamma(\theta)$, $\gamma\gamma$-, (K X-ray)γ-coin using in-beam spectroscopy; deduced bands, signature splittings, systematics. ^{172}Re; deduced high spin levels, J, π. JOUR NUPAB 834 32c
^{188}Hg	2008TAZI	NUCLEAR REACTIONS Pb(p, x), E=1, 1.4 GeV; Bi(p, x), E=1, 1.4 GeV; measured Eγ, Iγ, A(particle) using melted thick target at ISOLDE facility; ^{76,77,79,85,87,88,89,90}Kr, ^{111}Cd, ^{121,124,126}I, ^{120,121,122,123,125,127,129,131,133}Xe, ^{184,186,188,190,192,193,195,197,203,205,206}Hg, ^{204,205,206,207,208,209,210}At; deduced thick target yields temperature dependence 250-600 centigrade; calculated using FLUKA, MCNPX with INCL4 / ABLA. CONF Nice (Nucl Data for Sci and Technol) Proc,P1069
^{188}Tl	2010JU02	RADIOACTIVITY ^{180}Pb(α)[from ^{92}Mo(^{90}Zr, 2n)]; ^{176}Hg(α)[from ^{180}Pb(α)]; measured Eγ, Iγ, $\alpha\gamma$-coin. ^{180,182,184,186,188}Pb(α), (β^+); measured Eγ, Iγ; deduced prolate bands aligned angular momentum. ^{254}No(IT); measured Eγ, Iγ; deduced rotational bands. JOUR NUPAB 834 15c
^{188}Pb	2010IO01	NUCLEAR MOMENTS ^{188}Pb; measured g factors using time-differential perturbed angular distribution method. Systematics of g factors for 12+ and 13 / 2+ states in Pb nuclei from A=183-207. Rotational model interpretation. JOUR PRVCA 81 024323
	2010IO01	NUCLEAR REACTIONS ^{164}Er(^{28}Si, 4n)^{188}Pb, E=143 MeV; measured Eγ, Iγ, half-life and g factors. JOUR PRVCA 81 024323

A=188 *(continued)*

	2010JU02	RADIOACTIVITY ^{180}Pb(α)[from ^{92}Mo(^{90}Zr, 2n)]; ^{176}Hg(α)[from ^{180}Pb(α)]; measured Eγ, Iγ, $\alpha\gamma$-coin. ^{180,182,184,186,188}Pb(α), (β^+); measured Eγ, Iγ; deduced prolate bands aligned angular momentum. ^{254}No(IT); measured Eγ, Iγ; deduced rotational bands. JOUR NUPAB 834 15c

A=189

^{189}Hf	2009AL30	NUCLEAR REACTIONS Be(^{208}Pb, X)^{186}Hf / ^{187}Hf / ^{188}Hf / ^{189}Hf / ^{188}Ta / ^{189}Ta / ^{190}Ta / ^{191}Ta / ^{192}Ta / ^{190}W / ^{191}W / ^{192}W / ^{193}W / ^{194}W / ^{192}Re / ^{193}Re / ^{194}Re / ^{195}Re / ^{196}Re, E=1 GeV / nucleon; measured yields. ^{187}Hf, ^{188,189,190}Ta, ^{190,191}W, ^{192,193}Re; measured delayed γ; deduced isomers and half-lives. JOUR PRVCA 80 064308
^{189}Ta	2009AL30	NUCLEAR REACTIONS Be(^{208}Pb, X)^{186}Hf / ^{187}Hf / ^{188}Hf / ^{189}Hf / ^{188}Ta / ^{189}Ta / ^{190}Ta / ^{191}Ta / ^{192}Ta / ^{190}W / ^{191}W / ^{192}W / ^{193}W / ^{194}W / ^{192}Re / ^{193}Re / ^{194}Re / ^{195}Re / ^{196}Re, E=1 GeV / nucleon; measured yields. ^{187}Hf, ^{188,189,190}Ta, ^{190,191}W, ^{192,193}Re; measured delayed γ; deduced isomers and half-lives. JOUR PRVCA 80 064308
^{189}W	2009YU11	RADIOACTIVITY ^{189}W(β^-) [from ^{192}Os(n, α)^{189}Re, E=14 MeV];measured Eγ, Iγ, X-γ-coin., γ-γ-coin.; deduced decay scheme, J, π, energies. JOUR CPCHC 33 s01 191
^{189}Re	2009YU11	RADIOACTIVITY ^{189}W(β^-) [from ^{192}Os(n, α)^{189}Re, E=14 MeV];measured Eγ, Iγ, X-γ-coin., γ-γ-coin.; deduced decay scheme, J, π, energies. JOUR CPCHC 33 s01 191
^{189}Os	2010CO02	NUCLEAR REACTIONS ^{197}Au, ^{151}Sm, Pb, ^{204,206,207,208}Pb, ^{209}Bi, ^{139}La, ^{232}Th, ^{24,25,26}Mg, ^{90,91,92,93,94,95,96}Zr, ^{186,187,188}Os, ^{233,234,235,236,238}U, ^{237}Np, ^{240}Pu, ^{241,243}Am, ^{245}Cm(n, γ), E=0.001-1 MeV; measured Eγ, Iγ, fission fragments; deduced σ. JOUR ARISE 68 643
	2010FU04	NUCLEAR REACTIONS ^{186,187,188}Os(n, γ), E=1 eV-1 MeV; measured neutron time-of-flight spectra, σ at CERN n_TOF facility; deduced resonance energies and parameters, strength functions, radiative and neutron widths, resonance kernels, stellar enhancement factors, and average level spacings. R-matrix analysis of neutron resonance spectra. Hauser-Feshbach statistical model. Comparison with previous data. Discussed s-process component of ^{187}Os abundance and impact on the time duration of galactic nucleosynthesis via the Re / Os cosmochronometer. JOUR PRVCA 82 015804
	2010MO15	NUCLEAR REACTIONS ^{186,187,188}Os(n, γ), E=1 eV-1 MeV; measured neutron time-of-flight spectra and σ at CERN n_TOF facility; deduced resonances and Maxwellian averaged cross sections (MACS). R-matrix analysis of neutron resonance spectra. Relevance to radiogenic component of the abundance of ^{187}Os and Re / Os cosmochronometer. Comparison with previous data. JOUR PRVCA 82 015802

A=189 *(continued)*

^{189}Ir	2008COZX	NUCLEAR REACTIONS ^{191}Ir(n, γ), E≈0-20 MeV; ^{191}Ir(n, n'), E≈0-20 MeV; ^{191}Ir(n, 2n), E≈5-25 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin.; deduced σ, ^{190,191}Ir isomeric transition, role of metastable states; calculated σ, σ(isomeric transition) using FKK-GNASH and exciton model; ^{191}Ir(n, 2n), ^{191}Ir(n, 3n), ^{191}Ir(n, 4n), E≈5-35 MeV; calculated σ. Compared to data and evaluations. GEANIE facility. CONF Nice (Nucl Data for Sci and Technol) Proc,P247
	2009YA25	NUCLEAR REACTIONS ^{197}Au(^{12}C, X)^{184}Ir / ^{185}Ir / ^{186}Ir / ^{187}Ir / ^{189}Ir / ^{190}Ir / ^{192}Ir / ^{194}Ir / ^{195}Ir / ^{196}Ir, E=47 MeV / nucleon; measured Eγ, Iγ; deduced σ. JOUR CPCHC 33 s01 196
	2010SZ03	NUCLEAR REACTIONS ^{192}Os(p, n), (p, 3n), (p, 4n), (p, 5n), (p, 6n), Cu(p, n)^{65}Zn, Al(p, X)^{24}Na, Cu(p, X)^{62}Zn E < 66 MeV; measured reaction products, Eγ, Iγ; deduced σ, integral yields. Comparison with model code ALICE / ASH. JOUR NIMBE 268 3306
^{189}Pt	2009HU17	NUCLEAR REACTIONS ^{176}Yb(^{18}O, 5n), E=88, 95 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin.; deduced level energies, J, π, bands, deformation. Triaxial particle-rotor model. JOUR CPCHC 33 743

A=190

^{190}Ta	2008GOZP	RADIOACTIVITY ^{54}Ni(β^+); measured Eγ, Iγ; deduced ^{54}Ni $T_{1/2}$, GT distribution strength; ^{62}Ge; ^{113}In; ^{190}Ta; measured decay products. Results on CD only. CONF E.Lansing (NS2008),P9,Gorska
	2009AL30	NUCLEAR REACTIONS Be(^{208}Pb, X)^{186}Hf / ^{187}Hf / ^{188}Hf / ^{189}Hf / ^{188}Ta / ^{189}Ta / ^{190}Ta / ^{191}Ta / ^{192}Ta / ^{190}W / ^{191}W / ^{192}W / ^{193}W / ^{194}W / ^{192}Re / ^{193}Re / ^{194}Re / ^{195}Re / ^{196}Re, E=1 GeV / nucleon; measured yields. ^{187}Hf, ^{188,189,190}Ta, ^{190,191}W, ^{192,193}Re; measured delayed γ; deduced isomers and half-lives. JOUR PRVCA 80 064308
	2009AL30	RADIOACTIVITY ^{188,190,192}Ta(β^-)[from Be(^{208}Pb, X), E=1 GeV / nucleon]; measured Eγ, Iγ, $\gamma\gamma$-coin, $\beta\gamma$ correlations, and half-lives using GSI Fragment separator, MUSIC ionization chamber; and RISING array. ^{188,190,192}W; deduced levels, J, π, logft. Comparison with interacting boson approximation (IBA-1) calculations for ^{190}W. Z=56-80, N=84-122; discussed systematics of first 2+ and 4+ states, B(E2), and γ deformation parameter in even-even nuclei. JOUR PRVCA 80 064308
^{190}W	2009AL30	NUCLEAR REACTIONS Be(^{208}Pb, X)^{186}Hf / ^{187}Hf / ^{188}Hf / ^{189}Hf / ^{188}Ta / ^{189}Ta / ^{190}Ta / ^{191}Ta / ^{192}Ta / ^{190}W / ^{191}W / ^{192}W / ^{193}W / ^{194}W / ^{192}Re / ^{193}Re / ^{194}Re / ^{195}Re / ^{196}Re, E=1 GeV / nucleon; measured yields. ^{187}Hf, ^{188,189,190}Ta, ^{190,191}W, ^{192,193}Re; measured delayed γ; deduced isomers and half-lives. JOUR PRVCA 80 064308

A=190 ***(continued)***

	2009AL30	RADIOACTIVITY ^{188,190,192}Ta(β^-)[from Be(^{208}Pb, X), E=1 GeV / nucleon]; measured Eγ, Iγ, $\gamma\gamma$-coin, $\beta\gamma$ correlations, and half-lives using GSI Fragment separator, MUSIC ionization chamber; and RISING array. ^{188,190,192}W; deduced levels, J, π, logft. Comparison with interacting boson approximation (IBA-1) calculations for ^{190}W. Z=56-80, N=84-122; discussed systematics of first 2+ and 4+ states, B(E2), and γ deformation parameter in even-even nuclei. JOUR PRVCA 80 064308
^{190}Ir	2008COZX	NUCLEAR REACTIONS ^{191}Ir(n, γ), E≈0-20 MeV; ^{191}Ir(n, n'), E≈0-20 MeV; ^{191}Ir(n, 2n), E≈5-25 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin.; deduced σ, ^{190,191}Ir isomeric transition, role of metastable states; calculated σ, σ(isomeric transition) using FKK-GNASH and exciton model; ^{191}Ir(n, 2n), ^{191}Ir(n, 3n), ^{191}Ir(n, 4n), E≈5-35 MeV; calculated σ. Compared to data and evaluations. GEANIE facility. CONF Nice (Nucl Data for Sci and Technol) Proc,P247
	2008VLZZ	NUCLEAR REACTIONS ^{72,74}Ge(n, α), E=9.6, 10.6, 11.1, 11.4 MeV; ^{76}Ge(n, 2n), E=9.6, 10.6, 11.1, 11.4 MeV; measured Eγ, Iγ; deduced σ isomer, σ ground state; calculated σ isomer, σ ground state using EMPIRE; ^{191}Ir(n, 2n), E=10.0, 10.5, 11.0, 11.3 MeV; measured Eγ, Iγ(t); deduced σ isomer, σ ground state; calculated σ isomer, σ ground state using STAPRE-F. Compared to other data. CONF Nice (Nucl Data for Sci and Technol) Proc,P471
	2009YA25	NUCLEAR REACTIONS ^{197}Au(^{12}C, X)^{184}Ir / ^{185}Ir / ^{186}Ir / ^{187}Ir / ^{189}Ir / ^{190}Ir / ^{192}Ir / ^{194}Ir / ^{195}Ir / ^{196}Ir, E=47 MeV / nucleon; measured Eγ, Iγ; deduced σ. JOUR CPCHC 33 s01 196
	2010SZ03	NUCLEAR REACTIONS ^{192}Os(p, n), (p, 3n), (p, 4n), (p, 5n), (p, 6n), Cu(p, n)^{65}Zn, Al(p, X)^{24}Na, Cu(p, X)^{62}Zn E < 66 MeV; measured reaction products, Eγ, Iγ; deduced σ, integral yields. Comparison with model code ALICE / ASH. JOUR NIMBE 268 3306
^{190}Pt	2008MA58	NUCLEAR REACTIONS ^{176}Yb(^{18}O, 4n), E=88, 95 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, DCO. ^{190}Pt; deduced levels, J, π, bands, configurations. JOUR CPCHC 32 31
^{190}Au	2010SI10	NUCLEAR REACTIONS ^{181}Ta(^{16}O, X)^{186}Ir / ^{190}Au / ^{191}Au / ^{192}Au / ^{191}Hg / ^{192}Hg / ^{193}Hg / ^{192}Tl / ^{193}Tl / ^{194}Tl, E=81, 90, 96 MeV; measured Eγ, Iγ, forward recoil range distributions (RRD); deduced incomplete fusion fractions. Comparison with break-up fusion (BUF) model. JOUR PRVCA 81 054607
^{190}Hg	2008TAZI	NUCLEAR REACTIONS Pb(p, x), E=1, 1.4 GeV; Bi(p, x), E=1, 1.4 GeV; measured Eγ, Iγ, A(particle) using melted thick target at ISOLDE facility; ^{76,77,79,85,87,88,89,90}Kr, ^{111}Cd, ^{121,124,126}I, ^{120,121,122,123,125,127,129,131,133}Xe, ^{184,186,188,190,192,193,195,197,203,205,206}Hg, ^{204,205,206,207,208,209,210}At; deduced thick target yields temperature dependence 250-600 centigrade; calculated using FLUKA, MCNPX with INCL4 / ABLA. CONF Nice (Nucl Data for Sci and Technol) Proc,P1069
	2010WI02	NUCLEAR REACTIONS ^{160}Gd(^{34}S, 4n), E=156 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin.; ^{190}Hg deduced energy and J of superdeformed and normal states, two-proton separation energies, critical tests of nuclear models. JOUR PRLTA 104 162501

A=190 *(continued)*

^{190}Pb	2008NIZR	NUCLEAR REACTIONS ^{166}Er(^{28}Si, 4n), E=140 MeV; measured Eγ, Iγ, E(ce), I(ce); deduced isomer decay, $T_{1/2}$. Results on CD only. CONF E.Lansing (NS2008),P153,Nieminen

A=191

^{191}Ta	2009AL30	NUCLEAR REACTIONS Be(^{208}Pb, X)^{186}Hf / ^{187}Hf / ^{188}Hf / ^{189}Hf / ^{188}Ta / ^{189}Ta / ^{190}Ta / ^{191}Ta / ^{192}Ta / ^{190}W / ^{191}W / ^{192}W / ^{193}W / ^{194}W / ^{192}Re / ^{193}Re / ^{194}Re / ^{195}Re / ^{196}Re, E=1 GeV / nucleon; measured yields. ^{187}Hf, ^{188,189,190}Ta, ^{190,191}W, ^{192,193}Re; measured delayed γ; deduced isomers and half-lives. JOUR PRVCA 80 064308
^{191}W	2009AL30	NUCLEAR REACTIONS Be(^{208}Pb, X)^{186}Hf / ^{187}Hf / ^{188}Hf / ^{189}Hf / ^{188}Ta / ^{189}Ta / ^{190}Ta / ^{191}Ta / ^{192}Ta / ^{190}W / ^{191}W / ^{192}W / ^{193}W / ^{194}W / ^{192}Re / ^{193}Re / ^{194}Re / ^{195}Re / ^{196}Re, E=1 GeV / nucleon; measured yields. ^{187}Hf, ^{188,189,190}Ta, ^{190,191}W, ^{192,193}Re; measured delayed γ; deduced isomers and half-lives. JOUR PRVCA 80 064308
^{191}Ir	2008COZX	NUCLEAR REACTIONS ^{191}Ir(n, γ), E≈0-20 MeV; ^{191}Ir(n, n'), E≈0-20 MeV; ^{191}Ir(n, 2n), E≈5-25 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin.; deduced σ, ^{190,191}Ir isomeric transition, role of metastable states; calculated σ, σ(isomeric transition) using FKK-GNASH and exciton model; ^{191}Ir(n, 2n), ^{191}Ir(n, 3n), ^{191}Ir(n, 4n), E≈5-35 MeV; calculated σ. Compared to data and evaluations. GEANIE facility. CONF Nice (Nucl Data for Sci and Technol) Proc,P247
^{191}Pt	2010MA50	NUCLEAR REACTIONS ^{168}Yb, ^{180}W, ^{184}Os, ^{190}Pt, ^{196}Hg(n, γ), E=spectrum[neutrons from ^{7}Li(p, n), E=1912 keV]; measured Eγ, Iγ, σ using activation method; deduced capture cross sections for an average neutron energy of kT=25 keV. Comparison with previous measurements. Discussed impact on p-process network. JOUR PRVCA 82 035806
^{191}Au	2010KR02	NUCLEAR REACTIONS ^{27}Al, ^{197}Au, ^{59}Co, In, ^{181}Ta(n, γ), (n, α), (n, xn), E=1 GeV; ^{191,192,193,194,196,198}Au, ^{24}Na; measured Eα, Iα, Eγ, Iγ; deduced yields, σ. JOUR NIMAE 615 70
	2010SI10	NUCLEAR REACTIONS ^{181}Ta(^{16}O, X)^{186}Ir / ^{190}Au / ^{191}Au / ^{192}Au / ^{191}Hg / ^{192}Hg / ^{193}Hg / ^{192}Tl / ^{193}Tl / ^{194}Tl, E=81, 90, 96 MeV; measured Eγ, Iγ, forward recoil range distributions (RRD); deduced incomplete fusion fractions. Comparison with break-up fusion (BUF) model. JOUR PRVCA 81 054607
^{191}Hg	2010SI10	NUCLEAR REACTIONS ^{181}Ta(^{16}O, X)^{186}Ir / ^{190}Au / ^{191}Au / ^{192}Au / ^{191}Hg / ^{192}Hg / ^{193}Hg / ^{192}Tl / ^{193}Tl / ^{194}Tl, E=81, 90, 96 MeV; measured Eγ, Iγ, forward recoil range distributions (RRD); deduced incomplete fusion fractions. Comparison with break-up fusion (BUF) model. JOUR PRVCA 81 054607
^{191}Pb	2010CO13	RADIOACTIVITY ^{191,193}Bi(EC), ^{195}Po(α); measured Eα, Iα, Eγ, Iγ; deduced branching ratios, α-decay fine structures, γ-ray energies and intensities, J, π, ICC. JOUR JPGPE 37 125103
^{191}Bi	2010CO13	RADIOACTIVITY ^{191,193}Bi(EC), ^{195}Po(α); measured Eα, Iα, Eγ, Iγ; deduced branching ratios, α-decay fine structures, γ-ray energies and intensities, J, π, ICC. JOUR JPGPE 37 125103

A=192

^{192}Ta	2009AL30	NUCLEAR REACTIONS Be(^{208}Pb, X)^{186}Hf / ^{187}Hf / ^{188}Hf / ^{189}Hf / ^{188}Ta / ^{189}Ta / ^{190}Ta / ^{191}Ta / ^{192}Ta / ^{190}W / ^{191}W / ^{192}W / ^{193}W / ^{194}W / ^{192}Re / ^{193}Re / ^{194}Re / ^{195}Re / ^{196}Re, E=1 GeV / nucleon; measured yields. ^{187}Hf, ^{188,189,190}Ta, ^{190,191}W, ^{192,193}Re; measured delayed γ; deduced isomers and half-lives. JOUR PRVCA 80 064308
	2009AL30	RADIOACTIVITY ^{188,190,192}Ta(β^-)[from Be(^{208}Pb, X), E=1 GeV / nucleon]; measured Eγ, Iγ, $\gamma\gamma$-coin, $\beta\gamma$ correlations, and half-lives using GSI Fragment separator, MUSIC ionization chamber; and RISING array. ^{188,190,192}W; deduced levels, J, π, logft. Comparison with interacting boson approximation (IBA-1) calculations for ^{190}W. Z=56-80, N=84-122; discussed systematics of first 2+ and 4+ states, B(E2), and γ deformation parameter in even-even nuclei. JOUR PRVCA 80 064308
^{192}W	2009AL30	NUCLEAR REACTIONS Be(^{208}Pb, X)^{186}Hf / ^{187}Hf / ^{188}Hf / ^{189}Hf / ^{188}Ta / ^{189}Ta / ^{190}Ta / ^{191}Ta / ^{192}Ta / ^{190}W / ^{191}W / ^{192}W / ^{193}W / ^{194}W / ^{192}Re / ^{193}Re / ^{194}Re / ^{195}Re / ^{196}Re, E=1 GeV / nucleon; measured yields. ^{187}Hf, ^{188,189,190}Ta, ^{190,191}W, ^{192,193}Re; measured delayed γ; deduced isomers and half-lives. JOUR PRVCA 80 064308
	2009AL30	RADIOACTIVITY ^{188,190,192}Ta(β^-)[from Be(^{208}Pb, X), E=1 GeV / nucleon]; measured Eγ, Iγ, $\gamma\gamma$-coin, $\beta\gamma$ correlations, and half-lives using GSI Fragment separator, MUSIC ionization chamber; and RISING array. ^{188,190,192}W; deduced levels, J, π, logft. Comparison with interacting boson approximation (IBA-1) calculations for ^{190}W. Z=56-80, N=84-122; discussed systematics of first 2+ and 4+ states, B(E2), and γ deformation parameter in even-even nuclei. JOUR PRVCA 80 064308
^{192}Re	2009AL30	NUCLEAR REACTIONS Be(^{208}Pb, X)^{186}Hf / ^{187}Hf / ^{188}Hf / ^{189}Hf / ^{188}Ta / ^{189}Ta / ^{190}Ta / ^{191}Ta / ^{192}Ta / ^{190}W / ^{191}W / ^{192}W / ^{193}W / ^{194}W / ^{192}Re / ^{193}Re / ^{194}Re / ^{195}Re / ^{196}Re, E=1 GeV / nucleon; measured yields. ^{187}Hf, ^{188,189,190}Ta, ^{190,191}W, ^{192,193}Re; measured delayed γ; deduced isomers and half-lives. JOUR PRVCA 80 064308
^{192}Ir	2008COZX	NUCLEAR REACTIONS ^{191}Ir(n, γ), E≈0-20 MeV; ^{191}Ir(n, n'), E≈0-20 MeV; ^{191}Ir(n, 2n), E≈5-25 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin.; deduced σ, ^{190,191}Ir isomeric transition, role of metastable states; calculated σ, σ(isomeric transition) using FKK-GNASH and exciton model; ^{191}Ir(n, 2n), ^{191}Ir(n, 3n), ^{191}Ir(n, 4n), E≈5-35 MeV; calculated σ. Compared to data and evaluations. GEANIE facility. CONF Nice (Nucl Data for Sci and Technol) Proc,P247
	2009YA25	NUCLEAR REACTIONS ^{197}Au(^{12}C, X)^{184}Ir / ^{185}Ir / ^{186}Ir / ^{187}Ir / ^{189}Ir / ^{190}Ir / ^{192}Ir / ^{194}Ir / ^{195}Ir / ^{196}Ir, E=47 MeV / nucleon; measured Eγ, Iγ; deduced σ. JOUR CPCHC 33 s01 196
	2010SZ03	NUCLEAR REACTIONS ^{192}Os(p, n), (p, 3n), (p, 4n), (p, 5n), (p, 6n), Cu(p, n)^{65}Zn, Al(p, X)^{24}Na, Cu(p, X)^{62}Zn E < 66 MeV; measured reaction products, Eγ, Iγ; deduced σ, integral yields. Comparison with model code ALICE / ASH. JOUR NIMBE 268 3306
^{192}Au	2010KR02	NUCLEAR REACTIONS ^{27}Al, ^{197}Au, ^{59}Co, In, ^{181}Ta(n, γ), (n, α), (n, xn), E=1 GeV; ^{191,192,193,194,196,198}Au, ^{24}Na; measured Eα, Iα, Eγ, Iγ; deduced yields, σ. JOUR NIMAE 615 70

A=192 ***(continued)***

	2010SI10	NUCLEAR REACTIONS ^{181}Ta(^{16}O, X)^{186}Ir / ^{190}Au / ^{191}Au / ^{192}Au / ^{191}Hg / ^{192}Hg / ^{193}Hg / ^{192}Tl / ^{193}Tl / ^{194}Tl, E=81, 90, 96 MeV; measured Eγ, Iγ, forward recoil range distributions (RRD); deduced incomplete fusion fractions. Comparison with break-up fusion (BUF) model. JOUR PRVCA 81 054607
^{192}Hg	2008TAZI	NUCLEAR REACTIONS Pb(p, x), E=1, 1.4 GeV; Bi(p, x), E=1, 1.4 GeV; measured Eγ, Iγ, A(particle) using melted thick target at ISOLDE facility; ^{76,77,79,85,87,88,89,90}Kr, ^{111}Cd, ^{121,124,126}I, ^{120,121,122,123,125,127,129,131,133}Xe, ^{184,186,188,190,192,193,195,197,203,205,206}Hg, ^{204,205,206,207,208,209,210}At; deduced thick target yields temperature dependence 250-600 centigrade; calculated using FLUKA, MCNPX with INCL4 / ABLA. CONF Nice (Nucl Data for Sci and Technol) Proc,P1069
	2010SI10	NUCLEAR REACTIONS ^{181}Ta(^{16}O, X)^{186}Ir / ^{190}Au / ^{191}Au / ^{192}Au / ^{191}Hg / ^{192}Hg / ^{193}Hg / ^{192}Tl / ^{193}Tl / ^{194}Tl, E=81, 90, 96 MeV; measured Eγ, Iγ, forward recoil range distributions (RRD); deduced incomplete fusion fractions. Comparison with break-up fusion (BUF) model. JOUR PRVCA 81 054607
^{192}Tl	2010SI10	NUCLEAR REACTIONS ^{181}Ta(^{16}O, X)^{186}Ir / ^{190}Au / ^{191}Au / ^{192}Au / ^{191}Hg / ^{192}Hg / ^{193}Hg / ^{192}Tl / ^{193}Tl / ^{194}Tl, E=81, 90, 96 MeV; measured Eγ, Iγ, forward recoil range distributions (RRD); deduced incomplete fusion fractions. Comparison with break-up fusion (BUF) model. JOUR PRVCA 81 054607
^{192}Pb	2010JA05	RADIOACTIVITY ^{196}Po, ^{198,199}At, ^{199,200}Rn(α); measured Eα. JOUR PRVCA 82 044302
	2010WI08	NUCLEAR REACTIONS ^{168}Er(^{29}Si, 5n), E=154 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin using Gammasphere HPGe detector array. ^{192}Pb; deduced levels, J, π, multipolarities, deformation, configurations. Time-correlated spectroscopy, DCO analysis. Comparison with systematics. JOUR ZAANE 43 145

A=193

^{193}W	2009AL30	NUCLEAR REACTIONS Be(^{208}Pb, X)^{186}Hf / ^{187}Hf / ^{188}Hf / ^{189}Hf / ^{188}Ta / ^{189}Ta / ^{190}Ta / ^{191}Ta / ^{192}Ta / ^{190}W / ^{191}W / ^{192}W / ^{193}W / ^{194}W / ^{192}Re / ^{193}Re / ^{194}Re / ^{195}Re / ^{196}Re, E=1 GeV / nucleon; measured yields. ^{187}Hf, ^{188,189,190}Ta, ^{190,191}W, ^{192,193}Re; measured delayed γ; deduced isomers and half-lives. JOUR PRVCA 80 064308
^{193}Re	2009AL30	NUCLEAR REACTIONS Be(^{208}Pb, X)^{186}Hf / ^{187}Hf / ^{188}Hf / ^{189}Hf / ^{188}Ta / ^{189}Ta / ^{190}Ta / ^{191}Ta / ^{192}Ta / ^{190}W / ^{191}W / ^{192}W / ^{193}W / ^{194}W / ^{192}Re / ^{193}Re / ^{194}Re / ^{195}Re / ^{196}Re, E=1 GeV / nucleon; measured yields. ^{187}Hf, ^{188,189,190}Ta, ^{190,191}W, ^{192,193}Re; measured delayed γ; deduced isomers and half-lives. JOUR PRVCA 80 064308
^{193}Os	2008ZAZY	RADIOACTIVITY ^{60}Co(β^-), ^{152}Eu(β^-), ^{193}Os(β^-); measured Eγ, Iγ, $\theta(\gamma)$, $\gamma\gamma$-coin.; deduced mixing ratio, angular correlations. CONF Nice (Nucl Data for Sci and Technol) Proc,P455

A=193 *(continued)*

^{193}Ir	2008ZAZY	RADIOACTIVITY ^{60}Co(β^-), ^{152}Eu(β^-), ^{193}Os(β^-); measured Eγ, Iγ, $\theta(\gamma)$, $\gamma\gamma$-coin.; deduced mixing ratio, angular correlations. CONF Nice (Nucl Data for Sci and Technol) Proc,P455
^{193}Au	2010KR02	NUCLEAR REACTIONS ^{27}Al, ^{197}Au, ^{59}Co, In, ^{181}Ta(n, γ), (n, α), (n, xn), E=1 GeV; ^{191,192,193,194,196,198}Au, ^{24}Na; measured Eα, Iα, Eγ, Iγ; deduced yields, σ. JOUR NIMAE 615 70
^{193}Hg	2008SZZZ	NUCLEAR REACTIONS ^{197}Au(p, n), E≈5-65 MeV; ^{197}Au(p, pn), E≈15-65 MeV; ^{197}Au(p, 3n), E≈20-65 MeV; ^{197}Au(p, p3n), E≈25-65 MeV; ^{197}Au(p, 5n), E≈35-65 MeV; measured Eγ, Iγ; deduced σ. Compared to other data. CONF Nice (Nucl Data for Sci and Technol) Proc,P1259
	2008TAZI	NUCLEAR REACTIONS Pb(p, x), E=1, 1.4 GeV; Bi(p, x), E=1, 1.4 GeV; measured Eγ, Iγ, A(particle) using melted thick target at ISOLDE facility; ^{76,77,79,85,87,88,89,90}Kr, ^{111}Cd, ^{121,124,126}I, ^{120,121,122,123,125,127,129,131,133}Xe, ^{184,186,188,190,192,193,195,197,203,205,206}Hg, ^{204,205,206,207,208,209,210}At; deduced thick target yields temperature dependence 250-600 centigrade; calculated using FLUKA, MCNPX with INCL4 / ABLA. CONF Nice (Nucl Data for Sci and Technol) Proc,P1069
	2010SI10	NUCLEAR REACTIONS ^{181}Ta(^{16}O, X)^{186}Ir / ^{190}Au / ^{191}Au / ^{192}Au / ^{191}Hg / ^{192}Hg / ^{193}Hg / ^{192}Tl / ^{193}Tl / ^{194}Tl, E=81, 90, 96 MeV; measured Eγ, Iγ, forward recoil range distributions (RRD); deduced incomplete fusion fractions. Comparison with break-up fusion (BUF) model. JOUR PRVCA 81 054607
^{193}Tl	2010SI10	NUCLEAR REACTIONS ^{181}Ta(^{16}O, X)^{186}Ir / ^{190}Au / ^{191}Au / ^{192}Au / ^{191}Hg / ^{192}Hg / ^{193}Hg / ^{192}Tl / ^{193}Tl / ^{194}Tl, E=81, 90, 96 MeV; measured Eγ, Iγ, forward recoil range distributions (RRD); deduced incomplete fusion fractions. Comparison with break-up fusion (BUF) model. JOUR PRVCA 81 054607
^{193}Pb	2008MUZT	NUCLEAR REACTIONS ^{170}Er(^{13}C, X), E=70, 80 MeV; measured Eγ, Iγ, $\alpha\gamma$-coin; deduced levels, J. ^{180}W(^{20}Ne, X)^{182}Os, ^{180}W(^{20}Ne, X)^{186}Pt, ^{180}W(^{20}Ne, X)^{193}Pb, ^{180}W(^{20}Ne, X)^{196}Po, E not given; measured Eγ, Iγ, $\gamma\gamma$-coin, (particle)γ-coin. Results on CD only. CONF E.Lansing (NS2008),P147,Mullins
	2010CO13	RADIOACTIVITY ^{191,193}Bi(EC), ^{195}Po(α); measured Eα, Iα, Eγ, Iγ; deduced branching ratios, α-decay fine structures, γ-ray energies and intensities, J, π, ICC. JOUR JPGPE 37 125103
^{193}Bi	2010CO13	RADIOACTIVITY ^{191,193}Bi(EC), ^{195}Po(α); measured Eα, Iα, Eγ, Iγ; deduced branching ratios, α-decay fine structures, γ-ray energies and intensities, J, π, ICC. JOUR JPGPE 37 125103

A=194

^{194}W	2009AL30	NUCLEAR REACTIONS Be(^{208}Pb, X)^{186}Hf / ^{187}Hf / ^{188}Hf / ^{189}Hf / ^{188}Ta / ^{189}Ta / ^{190}Ta / ^{191}Ta / ^{192}Ta / ^{190}W / ^{191}W / ^{192}W / ^{193}W / ^{194}W / ^{192}Re / ^{193}Re / ^{194}Re / ^{195}Re / ^{196}Re, E=1 GeV / nucleon; measured yields. ^{187}Hf, ^{188,189,190}Ta, ^{190,191}W, ^{192,193}Re; measured delayed γ; deduced isomers and half-lives. JOUR PRVCA 80 064308

A=194 *(continued)*

^{194}Re	2008KUZY	RADIOACTIVITY ^{194,195,196}Re, ^{199,200}Os, ^{198,199,202}Ir(β^-); measured Ie(t); deduced $T_{1/2}$. Compared with calculations. CONF Nice (Nucl Data for Sci and Technol) Proc,P47
	2009AL30	NUCLEAR REACTIONS Be(^{208}Pb, X)^{186}Hf / ^{187}Hf / ^{188}Hf / ^{189}Hf / ^{188}Ta / ^{189}Ta / ^{190}Ta / ^{191}Ta / ^{192}Ta / ^{190}W / ^{191}W / ^{192}W / ^{193}W / ^{194}W / ^{192}Re / ^{193}Re / ^{194}Re / ^{195}Re / ^{196}Re, E=1 GeV / nucleon; measured yields. ^{187}Hf, ^{188,189,190}Ta, ^{190,191}W, ^{192,193}Re; measured delayed γ; deduced isomers and half-lives. JOUR PRVCA 80 064308
	2009KU28	RADIOACTIVITY ^{194,195,196}Re, ^{199,200}Os, ^{198,199,200}Ir(β^-) [from Be(^{208}Pb, X), E=1 GeV / nucleon]; measured $T_{1/2}$. Comparison with two QRPA models. JOUR NUPAB 827 587c
^{194}Os	2008KUZY	RADIOACTIVITY ^{194,195,196}Re, ^{199,200}Os, ^{198,199,202}Ir(β^-); measured Ie(t); deduced $T_{1/2}$. Compared with calculations. CONF Nice (Nucl Data for Sci and Technol) Proc,P47
	2009KU28	RADIOACTIVITY ^{194,195,196}Re, ^{199,200}Os, ^{198,199,200}Ir(β^-) [from Be(^{208}Pb, X), E=1 GeV / nucleon]; measured $T_{1/2}$. Comparison with two QRPA models. JOUR NUPAB 827 587c
	2009REZW	RADIOACTIVITY ^{194}Os(β^-) [from ^{194}Re]; measured β-delayed Eγ, Iγ(t);deduced half-life. CONF Cologne (Capture Gamma-Ray Spectroscopy) Proc,P122,Regan
^{194}Ir	2009REZW	RADIOACTIVITY ^{194}Os(β^-) [from ^{194}Re]; measured β-delayed Eγ, Iγ(t);deduced half-life. CONF Cologne (Capture Gamma-Ray Spectroscopy) Proc,P122,Regan
	2009YA25	NUCLEAR REACTIONS ^{197}Au(^{12}C, X)^{184}Ir / ^{185}Ir / ^{186}Ir / ^{187}Ir / ^{189}Ir / ^{190}Ir / ^{192}Ir / ^{194}Ir / ^{195}Ir / ^{196}Ir, E=47 MeV / nucleon; measured Eγ, Iγ; deduced σ. JOUR CPCHC 33 s01 196
	2010KR02	NUCLEAR REACTIONS ^{27}Al, ^{197}Au, ^{59}Co, In, ^{181}Ta(n, γ), (n, α), (n, xn), E=1 GeV; ^{191,192,193,194,196,198}Au, ^{24}Na; measured Eα, Iα, Eγ, Iγ; deduced yields, σ. JOUR NIMAE 615 70
^{194}Au	2008OCZZ	NUCLEAR REACTIONS ^{27}Al(d, x)^{24}Na, ^{51}V(d, 4n), Fe(d, x)^{54}Mn, Fe(d, x)^{56}Co, Ni(d, x)^{57}Co, Cu(d, x)^{63}Zn, Ta(d, x)^{180}Ta, W(d, x)^{182}Re, ^{197}Au(d, x)^{194}Au, E=25, 35, 41, 50 MeV; Cr(d, x)^{48}V, Cr(d, x)^{52}Mn, ^{55}Mn(d, x)^{54}Mn, Ni(d, x)^{56}Co, E=39.5 MeV; measured Eγ, Iγ; deduced σ; calculated σ using TALYS code. Compared to data, ACSELAM data library; also SS316, F82H alloys activities deduced. CONF Nice (Nucl Data for Sci and Technol) Proc,P1011
	2008SZZZ	NUCLEAR REACTIONS ^{197}Au(p, n), E≈5-65 MeV; ^{197}Au(p, pn), E≈15-65 MeV; ^{197}Au(p, 3n), E≈20-65 MeV; ^{197}Au(p, p3n), E≈25-65 MeV; ^{197}Au(p, 5n), E≈35-65 MeV; measured Eγ, Iγ; deduced σ. Compared to other data. CONF Nice (Nucl Data for Sci and Technol) Proc,P1259
	2010BeZT	NUCLEAR REACTIONS ^{197}Au(γ, n), (γ, 2n), (γ, 3n), Eγ=30 MeV bremsstrahlung; measured isomeric yield ratios with activation method. ^{196m2,g,195,194}Au; deduced Y_m / Y_g. CONF St.-Petersburg,P188,Belyshev
	2010DE19	NUCLEAR REACTIONS Pt(^{6}Li, X)^{194}Au / ^{196}Au / ^{198}Au / ^{199}Au / ^{197}Hg, E=42.5 MeV; measured reaction products, Eγ, Iγ; deduced σ, dominant cluster contribution. Comparison with EMPIRE-2.18. JOUR BRSPE 74 777

A=194 ***(continued)***

	2010KR02	NUCLEAR REACTIONS ^{27}Al, ^{197}Au, ^{59}Co, In, ^{181}Ta(n, γ), (n, α), (n, xn), E=1 GeV; ^{191,192,193,194,196,198}Au, ^{24}Na; measured Eα, Iα, Eγ, Iγ; deduced yields, σ. JOUR NIMAE 615 70
^{194}Tl	2010MAZW	NUCLEAR REACTIONS ^{181}Ta(^{18}O, 5nγ), E=91 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, $T_{1/2}$ by DSAM.^{194}Tl; deduced levels, J, π, τ band levels, B(M1) / B(E2), configuration. CONF St.-Petersburg,P65,Masiteng
	2010SI10	NUCLEAR REACTIONS ^{181}Ta(^{16}O, X)^{186}Ir / ^{190}Au / ^{191}Au / ^{192}Au / ^{191}Hg / ^{192}Hg / ^{193}Hg / ^{192}Tl / ^{193}Tl / ^{194}Tl, E=81, 90, 96 MeV; measured Eγ, Iγ, forward recoil range distributions (RRD); deduced incomplete fusion fractions. Comparison with break-up fusion (BUF) model. JOUR PRVCA 81 054607
^{194}Bi	2010JA05	RADIOACTIVITY ^{196}Po, ^{198,199}At, ^{199,200}Rn(α); measured Eα. JOUR PRVCA 82 044302

A=195

^{195}Re	2008KUZY	RADIOACTIVITY ^{194,195,196}Re, ^{199,200}Os, ^{198,199,202}Ir(β^-); measured Ie(t); deduced $T_{1/2}$. Compared with calculations. CONF Nice (Nucl Data for Sci and Technol) Proc,P47
	2009AL30	NUCLEAR REACTIONS Be(^{208}Pb, X)^{186}Hf / ^{187}Hf / ^{188}Hf / ^{189}Hf / ^{188}Ta / ^{189}Ta / ^{190}Ta / ^{191}Ta / ^{192}Ta / ^{190}W / ^{191}W / ^{192}W / ^{193}W / ^{194}W / ^{192}Re / ^{193}Re / ^{194}Re / ^{195}Re / ^{196}Re, E=1 GeV / nucleon; measured yields. ^{187}Hf, ^{188,189,190}Ta, ^{190,191}W, ^{192,193}Re; measured delayed γ; deduced isomers and half-lives. JOUR PRVCA 80 064308
	2009KU28	RADIOACTIVITY ^{194,195,196}Re, ^{199,200}Os, ^{198,199,200}Ir(β^-) [from Be(^{208}Pb, X), E=1 GeV / nucleon]; measured $T_{1/2}$. Comparison with two QRPA models. JOUR NUPAB 827 587c
^{195}Os	2008KUZY	RADIOACTIVITY ^{194,195,196}Re, ^{199,200}Os, ^{198,199,202}Ir(β^-); measured Ie(t); deduced $T_{1/2}$. Compared with calculations. CONF Nice (Nucl Data for Sci and Technol) Proc,P47
	2009KU28	RADIOACTIVITY ^{194,195,196}Re, ^{199,200}Os, ^{198,199,200}Ir(β^-) [from Be(^{208}Pb, X), E=1 GeV / nucleon]; measured $T_{1/2}$. Comparison with two QRPA models. JOUR NUPAB 827 587c
^{195}Ir	2009YA25	NUCLEAR REACTIONS ^{197}Au(^{12}C, X)^{184}Ir / ^{185}Ir / ^{186}Ir / ^{187}Ir / ^{189}Ir / ^{190}Ir / ^{192}Ir / ^{194}Ir / ^{195}Ir / ^{196}Ir, E=47 MeV / nucleon; measured Eγ, Iγ; deduced σ. JOUR CPCHC 33 s01 196
^{195}Au	2010BeZT	NUCLEAR REACTIONS ^{197}Au(γ, n), (γ, 2n), (γ, 3n), Eγ=30 MeV bremsstrahlung; measured isomeric yield ratios with activation method. ^{196m2,g,195,194}Au; deduced Y_m / Y_g. CONF St.-Petersburg,P188,Belyshev
^{195}Hg	2008SZZZ	NUCLEAR REACTIONS ^{197}Au(p, n), E≈5-65 MeV; ^{197}Au(p, pn), E≈15-65 MeV; ^{197}Au(p, 3n), E≈20-65 MeV; ^{197}Au(p, p3n), E≈25-65 MeV; ^{197}Au(p, 5n), E≈35-65 MeV; measured Eγ, Iγ; deduced σ. Compared to other data. CONF Nice (Nucl Data for Sci and Technol) Proc,P1259

A=195 ***(continued)***

	2008TAZI	NUCLEAR REACTIONS Pb(p, x), E=1, 1.4 GeV; Bi(p, x), E=1, 1.4 GeV; measured Eγ, Iγ, A(particle) using melted thick target at ISOLDE facility; ^{76,77,79,85,87,88,89,90}Kr, ^{111}Cd, ^{121,124,126}I, ^{120,121,122,123,125,127,129,131,133}Xe, ^{184,186,188,190,192,193,195,197,203,205,206}Hg, ^{204,205,206,207,208,209,210}At; deduced thick target yields temperature dependence 250-600 centigrade; calculated using FLUKA, MCNPX with INCL4 / ABLA. CONF Nice (Nucl Data for Sci and Technol) Proc,P1069
^{195}Bi	2010JA05	RADIOACTIVITY ^{196}Po, ^{198,199}At, ^{199,200}Rn(α); measured Eα. JOUR PRVCA 82 044302
^{195}Po	2010CO13	RADIOACTIVITY ^{191,193}Bi(EC), ^{195}Po(α); measured Eα, Iα, Eγ, Iγ; deduced branching ratios, α-decay fine structures, γ-ray energies and intensities, J, π, ICC. JOUR JPGPE 37 125103
	2010JA05	RADIOACTIVITY ^{196}Po, ^{198,199}At, ^{199,200}Rn(α); measured Eα. JOUR PRVCA 82 044302

A=196

^{196}Re	2008KUZY	RADIOACTIVITY ^{194,195,196}Re, ^{199,200}Os, ^{198,199,202}Ir(β^-); measured Ie(t); deduced $T_{1/2}$. Compared with calculations. CONF Nice (Nucl Data for Sci and Technol) Proc,P47
	2009AL30	NUCLEAR REACTIONS Be(^{208}Pb, X)^{186}Hf / ^{187}Hf / ^{188}Hf / ^{189}Hf / ^{188}Ta / ^{189}Ta / ^{190}Ta / ^{191}Ta / ^{192}Ta / ^{190}W / ^{191}W / ^{192}W / ^{193}W / ^{194}W / ^{192}Re / ^{193}Re / ^{194}Re / ^{195}Re / ^{196}Re, E=1 GeV / nucleon; measured yields. ^{187}Hf, ^{188,189,190}Ta, ^{190,191}W, ^{192,193}Re; measured delayed γ; deduced isomers and half-lives. JOUR PRVCA 80 064308
	2009KU28	RADIOACTIVITY ^{194,195,196}Re, ^{199,200}Os, ^{198,199,200}Ir(β^-) [from Be(^{208}Pb, X), E=1 GeV / nucleon]; measured $T_{1/2}$. Comparison with two QRPA models. JOUR NUPAB 827 587c
^{196}Os	2008KUZY	RADIOACTIVITY ^{194,195,196}Re, ^{199,200}Os, ^{198,199,202}Ir(β^-); measured Ie(t); deduced $T_{1/2}$. Compared with calculations. CONF Nice (Nucl Data for Sci and Technol) Proc,P47
	2009KU28	RADIOACTIVITY ^{194,195,196}Re, ^{199,200}Os, ^{198,199,200}Ir(β^-) [from Be(^{208}Pb, X), E=1 GeV / nucleon]; measured $T_{1/2}$. Comparison with two QRPA models. JOUR NUPAB 827 587c
^{196}Ir	2009YA25	NUCLEAR REACTIONS ^{197}Au(^{12}C, X)^{184}Ir / ^{185}Ir / ^{186}Ir / ^{187}Ir / ^{189}Ir / ^{190}Ir / ^{192}Ir / ^{194}Ir / ^{195}Ir / ^{196}Ir, E=47 MeV / nucleon; measured Eγ, Iγ; deduced σ. JOUR CPCHC 33 s01 196
^{196}Pt	2010JI07	NUCLEAR REACTIONS ^{152,154}Sm, ^{184}W, ^{196}Pt, ^{208}Pb(^{16}O, ^{16}O'), E(cm)=35-70 MeV; measured $\sigma(\theta=175°)$; calculated σ using CC and single-channel formalisms; deduced nuclear potential diffuseness parameters. JOUR NUPAB 834 189c
^{196}Au	2008SZZZ	NUCLEAR REACTIONS ^{197}Au(p, n), E≈5-65 MeV; ^{197}Au(p, pn), E≈15-65 MeV; ^{197}Au(p, 3n), E≈20-65 MeV; ^{197}Au(p, p3n), E≈25-65 MeV; ^{197}Au(p, 5n), E≈35-65 MeV; measured Eγ, Iγ; deduced σ. Compared to other data. CONF Nice (Nucl Data for Sci and Technol) Proc,P1259

A=196 ***(continued)***

	2010BeZT	NUCLEAR REACTIONS ^{197}Au(γ, n), (γ, 2n), (γ, 3n), Eγ=30 MeV bremsstrahlung; measured isomeric yield ratios with activation method. ^{196m2,g,195,194}Au; deduced Y_m / Y_g. CONF St.-Petersburg,P188,Belyshev
	2010DE19	NUCLEAR REACTIONS Pt(^{6}Li, X)^{194}Au / ^{196}Au / ^{198}Au / ^{199}Au / ^{197}Hg, E=42.5 MeV; measured reaction products, Eγ, Iγ; deduced σ, dominant cluster contribution. Comparison with EMPIRE-2.18. JOUR BRSPE 74 777
	2010KR02	NUCLEAR REACTIONS ^{27}Al, ^{197}Au, ^{59}Co, In, ^{181}Ta(n, γ), (n, α), (n, xn), E=1 GeV; ^{191,192,193,194,196,198}Au, ^{24}Na; measured Eα, Iα, Eγ, Iγ; deduced yields, σ. JOUR NIMAE 615 70
	2010RA02	NUCLEAR REACTIONS ^{197}Au(γ, n), E=0.05-2.5 GeV; measured Eγ, Iγ; deduced isomeric yield ratios. JOUR JRNCD 283 519
	2010RA09	NUCLEAR REACTIONS ^{89}Y, ^{90}Zr, ^{93}Nb, ^{133}Cs, ^{197}Au(γ, n), ^{99}Tc(γ, 3n), E<32 MeV; measured Eγ, Iγ; deduced σ and uncertainties. Bremsstrahlung photons. JOUR JNSTA 47 618
^{196}Hg	2010BE05	NUCLEAR REACTIONS ^{194}Pt(α, 2n), E=9.3 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, and $\gamma\gamma(\theta)$. ^{196}Hg; deduced levels, J, π, multipolarity, mixing ratio, and B(E2). Comparison with previous experimental data and with calculations using interacting boson approximation (IBA) with extended U_ν(6 / 12) (X) U_π(6 / 4) supersymmetry. ^{196}Hg interpreted as the fifth member of a magical quartet of ^{194,195}Pt, ^{195,196}Au in the context of extended supersymmetric IBA model. JOUR PRVCA 81 024312
^{196}Pb	2008LEZG	NUCLEAR REACTIONS ^{170}Er(^{30}Si, 4n), E=148 MeV; ^{130}Te(^{27}Al, 6n), E=155 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin; deduced E, J, π, superdeformation, yrast, superdeformed band; calculated E1 transition strength, simulated superdeformed bands population, yrast. Results on CD only. CONF E.Lansing (NS2008),P38,Leoni
	2008LEZL	NUCLEAR REACTIONS ^{130}Te(^{27}Al, X)^{151}Tb, E=155 MeV; ^{170}Er(^{30}Si, 4n)^{196}Pb, E=150 MeV; measured Eγ, Iγ, γ-γ-coin.; deduced number of discrete excited bands. Comparison with cranked shell model calculations. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P403,Leoni
	2009AL32	NUCLEAR REACTIONS ^{9}Be(^{238}U, X)^{196}Pb / ^{197}Pb / ^{198}Pb / ^{199}Pb / ^{200}Pb / ^{201}Pb / ^{202}Pb / ^{203}Pb / ^{204}Pb / ^{205}Pb / ^{206}Pb / ^{207}Pb / ^{208}Pb / ^{209}Pb / ^{210}Pb / ^{214}Pb / ^{215}Pb / ^{216}Pb / ^{217}Pb / ^{218}Pb / ^{219}Pb / ^{199}Bi / ^{200}Bi / ^{201}Bi / ^{202}Bi / ^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi / ^{207}Bi / ^{208}Bi / ^{209}Bi / ^{210}Bi / ^{211}Bi / ^{212}Bi / ^{213}Bi / ^{214}Bi / ^{218}Bi / ^{219}Bi / ^{220}Bi / ^{221}Bi / ^{222}Bi / ^{223}Bi, E=1 GeV / nucleon; measured production σ. Comparison with other data. JOUR ZAANE 42 485
^{196}Po	2008MUZT	NUCLEAR REACTIONS ^{170}Er(^{13}C, X), E=70, 80 MeV; measured Eγ, Iγ, $\alpha\gamma$-coin; deduced levels, J. ^{180}W(^{20}Ne, X)^{182}Os, ^{180}W(^{20}Ne, X)^{186}Pt, ^{180}W(^{20}Ne, X)^{193}Pb, ^{180}W(^{20}Ne, X)^{196}Po, E not given; measured Eγ, Iγ, $\gamma\gamma$-coin, (particle)γ-coin. Results on CD only. CONF E.Lansing (NS2008),P147,Mullins
	2010JA05	RADIOACTIVITY ^{196}Po, ^{198,199}At, ^{199,200}Rn(α); measured Eα. JOUR PRVCA 82 044302

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^{197}Pt	2009NI13	RADIOACTIVITY ^{197m}Pt(IT); measured Eγ, Iγ, x rays; deduced K-shell internal conversion coefficient of 346.5-keV M4 isomeric transition. Comparison with theoretical conversion coefficient from Dirac-Fock calculation. JOUR PRVCA 80 064314
	2010QI02	NUCLEAR REACTIONS ^{1,2}H, ^{12}C, ^{27}Al, ^{63}Cu, ^{197}Au(e, e'π^+), E<5.8 GeV; measured yields, differential cross sections as a function of azimuthal angle, and nuclear transparencies versus Q^2. JOUR PRVCA 81 055209
^{197}Au	2010BE01	NUCLEAR REACTIONS ^{197}Au(^{68}Ni, ^{68}Ni'), E=600 MeV / nucleon; ^{197}Au(^{54}Cr, ^{54}Cr'), E=100 MeV / nucleon; ^{197}Au(^{132}Xe, ^{132}Xe'), E=100 MeV / nucleon;^{27}Al(p, 2p), E> 100 MeV; Ge, ^{27}Al(n, n'), E not given; Be(^{37}Ca, X)^{36}K, E=200 MeV / nucleon; measured reaction fragments, Eγ, Iγ; deduced energy levels, B(E2) values, lifetimes, $\sigma(\theta)$. JOUR APOBB 41 505
	2010GA14	NUCLEAR REACTIONS ^{197}Au(^{82}Ge, ^{82}Ge'), E=89.4 MeV / nucleon; ^{197}Au(^{84}Se, ^{84}Se'), E=95.4 MeV / nucleon; ^{9}Be(^{82}Ge, ^{82}Ge'), E=87.6 MeV / nucleon; ^{9}Be(^{84}Se, ^{84}Se'), E=92 MeV / nucleon, [^{82}Ge and ^{84}Se secondary beams from ^{9}Be(^{86}Kr, X), E=140 MeV / nucleon]; measured Eγ, Iγ, σ, (particle)γ-coin; ^{82}Ge, ^{84}Se; deduced levels, J, B(E2), $T_{1/2}$. Intermediate energy Coulomb excitation and inelastic scattering. Comparison with systematics of B(E2) values for first 2+ state in N=50 isotones for Z(even)=30-42 and even-even Ge (A=64-82) and Se (A=68-84) isotopes, and with shell-model calculations. Systematics of first 3- states in even-even Se (A=74-82) and N=50 isotones. JOUR PRVCA 81 064326
	2010KE09	ATOMIC MASSES ^{197}Au; measured cyclotron frequency ratios using various sizes of carbon clusters; deduced mass. JOUR ZDDNE 58 47
	2010LI33	NUCLEAR REACTIONS ^{197}Au(^{17}Ne, ^{17}Ne'), (^{18}Ne, ^{18}Ne'), (^{28}S, ^{28}S'), (^{29}S, ^{29}S'), E not given; measured Coulomb excitation Ep, Ip(θ), pp-coin, E(particle), I(particle), relative energy spectra, angular distributions; deduced 2p halo states. Kinematically complete experiment, secondary radioactive beams. JOUR NUPAB 834 450c
	2010TA22	NUCLEAR REACTIONS ^{248}Cm(^{209}Bi, ^{210}Bi)^{247}Cm, E=1450 MeV; ^{250}Cm(^{209}Bi, ^{208}Bi)^{249}Cm, E=1450 MeV; ^{249}Cf(^{207}Pb, ^{207}Pb'), E=1430 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin using Gammasphere array. ^{247,249}Cm, ^{249}Cf; deduced levels, J, π, (g_K-g_R) / Q_0, alignments, Nilsson configurations, and rotational bands. ^{197}Au, ^{207}Pb, ^{208}Bi, ^{210}Bi; measured Eγ. Systematics of alignments for ^{244}Pu, ^{246}Cm, ^{248}Cf, ^{250}Fm and ^{252}No, Comparison with Woods-Saxon cranking calculations. JOUR PRVCA 82 041301
	2010XU03	NUCLEAR REACTIONS ^{197}Au(^{28}P, ^{28}P'), E=46.5 MeV / nucleon [^{28}P secondary beam from ^{9}Be(^{32}S, X), E=80.4 MeV / nucleon primary reaction]; measured Ep, Ip, time of flight, (^{26}Al)(p)(p)-coin. ^{28}P; deduced levels, two-proton emission from excited states.^{9}Be(^{32}S, X)^{22}Ne / ^{23}Na / ^{24}Mg / ^{25}Al / ^{26}Al / ^{27}Si / ^{28}P / ^{29}S, E=80.4 MeV / nucleon; measured yields. JOUR PRVCA 81 054317

A=197 *(continued)*

^{197}Hg	2008SZZZ	NUCLEAR REACTIONS ^{197}Au(p, n), E≈5-65 MeV; ^{197}Au(p, pn), E≈15-65 MeV; ^{197}Au(p, 3n), E≈20-65 MeV; ^{197}Au(p, p3n), E≈25-65 MeV; ^{197}Au(p, 5n), E≈35-65 MeV; measured Eγ, Iγ; deduced σ. Compared to other data. CONF Nice (Nucl Data for Sci and Technol) Proc,P1259
	2008TAZI	NUCLEAR REACTIONS Pb(p, x), E=1, 1.4 GeV; Bi(p, x), E=1, 1.4 GeV; measured Eγ, Iγ, A(particle) using melted thick target at ISOLDE facility; ^{76,77,79,85,87,88,89,90}Kr, ^{111}Cd, ^{121,124,126}I, ^{120,121,122,123,125,127,129,131,133}Xe, ^{184,186,188,190,192,193,195,197,203,205,206}Hg, ^{204,205,206,207,208,209,210}At; deduced thick target yields temperature dependence 250-600 centigrade; calculated using FLUKA, MCNPX with INCL4 / ABLA. CONF Nice (Nucl Data for Sci and Technol) Proc,P1069
	2010DE19	NUCLEAR REACTIONS Pt(^{6}Li, X)^{194}Au / ^{196}Au / ^{198}Au / ^{199}Au / ^{197}Hg, E=42.5 MeV; measured reaction products, Eγ, Iγ; deduced σ, dominant cluster contribution. Comparison with EMPIRE-2.18. JOUR BRSPE 74 777
	2010MA50	NUCLEAR REACTIONS ^{168}Yb, ^{180}W, ^{184}Os, ^{190}Pt, ^{196}Hg(n, γ), E=spectrum[neutrons from ^{7}Li(p, n), E=1912 keV]; measured Eγ, Iγ, σ using activation method; deduced capture cross sections for an average neutron energy of kT=25 keV. Comparison with previous measurements. Discussed impact on p-process network. JOUR PRVCA 82 035806
^{197}Pb	2009AL32	NUCLEAR REACTIONS ^{9}Be(^{238}U, X)^{196}Pb / ^{197}Pb / ^{198}Pb / ^{199}Pb / ^{200}Pb / ^{201}Pb / ^{202}Pb / ^{203}Pb / ^{204}Pb / ^{205}Pb / ^{206}Pb / ^{207}Pb / ^{208}Pb / ^{209}Pb / ^{210}Pb / ^{214}Pb / ^{215}Pb / ^{216}Pb / ^{217}Pb / ^{218}Pb / ^{219}Pb / ^{199}Bi / ^{200}Bi / ^{201}Bi / ^{202}Bi / ^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi / ^{207}Bi / ^{208}Bi / ^{209}Bi / ^{210}Bi / ^{211}Bi / ^{212}Bi / ^{213}Bi / ^{214}Bi / ^{218}Bi / ^{219}Bi / ^{220}Bi / ^{221}Bi / ^{222}Bi / ^{223}Bi, E=1 GeV / nucleon; measured production σ. Comparison with other data. JOUR ZAANE 42 485
^{197}At	2010JA05	NUCLEAR REACTIONS ^{150}Sm(^{52}Cr, 2np), E=231 MeV; ^{120}Sn(^{82}Kr, 2np), E=355 MeV; ^{165}Ho(^{40}Ar, 6n), E=200 MeV; measured Eγ, Iγ, Eα, ce, γγ-, γα-, (particle)γ-coin, isomer half-lives using JUROGAM array and GREAT spectrometer. Recoil-decay tagging method. Prompt and delayed γ spectra. ^{199}At; deduced levels, J, π, conversion coefficients, multipolarities, B(M2), isomers, configurations. ^{197}At; analyzed previous γ-ray data; deduced levels, J, π, bands. Systematics of energy levels of N=106-126 At nuclei. Systematics of B(M1) / B(E2) ratios of ^{193}Bi, ^{197,199}At nuclei. Systematics of kinematic moments of inertia for ^{193}Bi, ^{192,194,196}Po, ^{197,199}At, ^{198}Rn nuclei. JOUR PRVCA 82 044302

A=198

^{198}Ir	2008KUZY	RADIOACTIVITY ^{194,195,196}Re, ^{199,200}Os, ^{198,199,202}Ir(β^-); measured Ie(t); deduced $T_{1/2}$. Compared with calculations. CONF Nice (Nucl Data for Sci and Technol) Proc,P47

A=198 ***(continued)***

	2009KU28	RADIOACTIVITY ^{194,195,196}Re, ^{199,200}Os, ^{198,199,200}Ir(β^-) [from Be(^{208}Pb, X), E=1 GeV / nucleon]; measured $T_{1/2}$. Comparison with two QRPA models. JOUR NUPAB 827 587c
^{198}Pt	2008KUZY	RADIOACTIVITY ^{194,195,196}Re, ^{199,200}Os, ^{198,199,202}Ir(β^-); measured Ie(t); deduced $T_{1/2}$. Compared with calculations. CONF Nice (Nucl Data for Sci and Technol) Proc,P47
	2009KU28	RADIOACTIVITY ^{194,195,196}Re, ^{199,200}Os, ^{198,199,200}Ir(β^-) [from Be(^{208}Pb, X), E=1 GeV / nucleon]; measured $T_{1/2}$. Comparison with two QRPA models. JOUR NUPAB 827 587c
^{198}Au	2008MAZJ	NUCLEAR REACTIONS ^{197}Au(n, γ), E≈0-750 eV; measured Eγ, Iγ at n-TOF; calculated σ using SAMMY; deduced σ, R-matrix resonance parameters. Cross-sections compared to ENDF / B-VII. CONF Nice (Nucl Data for Sci and Technol) Proc,P1265
	2008SAZR	NUCLEAR REACTIONS ^{197}Au(n, γ), E=low; measured Eγ, Iγ; deduced σ. Preliminary and only in relative units. CONF Nice (Nucl Data for Sci and Technol) Proc,P583
	2010BU06	NUCLEAR REACTIONS ^{152}Sm, ^{165}Ho, ^{55}Mn, ^{98}Mo, ^{197}Au(n, γ), E=epithermal; measured Eγ, Iγ; deduced resonance energies. Comparison with theoretical calculations. JOUR NIMBE 268 2578
	2010CH01	NUCLEAR REACTIONS ^{197}Au, ^{139}La(n, γ), E=0.0536 eV; measured Eγ, Iγ; deduced σ. Comparison with ENDF / B-VII.0 and JENDL-3.3 libraries. JOUR RAACA 98 1
	2010CO02	NUCLEAR REACTIONS ^{197}Au, ^{151}Sm, Pb, ^{204,206,207,208}Pb, ^{209}Bi, ^{139}La, ^{232}Th, ^{24,25,26}Mg, ^{90,91,92,93,94,95,96}Zr, ^{186,187,188}Os, ^{233,234,235,236,238}U, ^{237}Np, ^{240}Pu, ^{241,243}Am, ^{245}Cm(n, γ), E=0.001-1 MeV; measured Eγ, Iγ, fission fragments; deduced σ. JOUR ARISE 68 643
	2010DE19	NUCLEAR REACTIONS Pt(^{6}Li, X)^{194}Au / ^{196}Au / ^{198}Au / ^{199}Au / ^{197}Hg, E=42.5 MeV; measured reaction products, Eγ, Iγ; deduced σ, dominant cluster contribution. Comparison with EMPIRE-2.18. JOUR BRSPE 74 777
	2010DI01	NUCLEAR REACTIONS ^{102}Pd, ^{120}Te, ^{130}Ba, ^{132}Ba, ^{156}Dy, ^{197}Au(n, γ), E=0-120 keV; measured Eγ, Iγ, Maxwellian-averaged σ by activation technique; deduced reaction rates for p process. Comparison with standard Hauser-Feshbach models and with results from various reaction libraries including ENDF-B / VII.0. JOUR PRVCA 81 015801
	2010DI02	NUCLEAR REACTIONS ^{197}Au, ^{94}Zr, ^{64}Zn, ^{45}Sc, ^{139}La(n, γ), E=thermal; measured Eγ, Iγ; deduced shape of neutron flux, covariances. JOUR ARISE 68 592
	2010EL02	NUCLEAR REACTIONS ^{98}Mo, ^{186}W, ^{197}Au(n, γ), E=thermal; measured Eγ, Iγ; deduced neutron flux, σ, resonance integrals. Comparison with available data. JOUR JRNCD 284 321
	2010GO25	RADIOACTIVITY ^{198}Au(β^-)[from ^{197}Au(n, γ), E=thermal]; measured Eγ, Iγ, half-life in a non-metal environment; deduced no dependence of half-life on host material. JOUR PRVCA 82 044320
	2010HA12	RADIOACTIVITY ^{198}Au(β^-), ^{97}Ru(EC) [from ^{197}Au, Ru(n, γ)]; measured Eγ, Iγ; deduced $T_{1/2}$, lack of temperature-dependent effects at low temperatures. JOUR ARISE 68 1550

A=198 ***(continued)***

	2010KA17	NUCLEAR REACTIONS ^{77}Se, ^{197}Au(n, γ), E=15-100, 510 keV; measured TOF, Eγ, Iγ; deduced σ, γ-ray multiplicities. Comparison with JENDL-3.3, ENDF / B-VII.0, ENDF / B-VI.8 libraries. JOUR JNSTA 47 634
	2010KR02	NUCLEAR REACTIONS ^{27}Al, ^{197}Au, ^{59}Co, In, ^{181}Ta(n, γ), (n, α), (n, xn), E=1 GeV; ^{191,192,193,194,196,198}Au, ^{24}Na; measured Eα, Iα, Eγ, Iγ; deduced yields, σ. JOUR NIMAE 615 70
	2010MA18	NUCLEAR REACTIONS ^{197}Au(n, γ), E=0-5.1 keV; measured En, In, neutron resonance strengths, capture yields, resonances, resonance parameters, response functions at n_TOF facility. C6D6 and the total absorption 4π BaF_2 detector arrays. R-matrix analysis. Comparison with evaluated data for neutron resonances. JOUR PRVCA 81 044616
	2010MA31	NUCLEAR REACTIONS ^{197}Au(n, γ), E<200 eV; measured neutron transmission, Eγ, Iγ; deduced yields, kernels, neutron resonance parameters. JOUR NIFBA 125 517
	2010MO06	RADIOACTIVITY ^{198}Au(β^-) [from ^{197}Au(n, γ), E=thermal]; measured Eγ, Iγ, Ee, Ie; deduced β-branching, x-rays and γ-rays emission probabilities. JOUR ARISE 68 1566
	2010WA03	NUCLEAR REACTIONS ^{197}Au, ^{56,57}Fe(n, γ), E=10-90 keV; measured Eγ, Iγ; deduced σ. Comparison with ENDF / B-VII.0 and JENDL-3.3 data. JOUR NIMBE 268 440
^{198}Hg	2010GO25	RADIOACTIVITY ^{198}Au(β^-)[from ^{197}Au(n, γ), E=thermal]; measured Eγ, Iγ, half-life in a non-metal environment; deduced no dependence of half-life on host material. JOUR PRVCA 82 044320
	2010HA12	RADIOACTIVITY ^{198}Au(β^-), ^{97}Ru(EC) [from ^{197}Au, Ru(n, γ)]; measured Eγ, Iγ; deduced $T_{1/2}$, lack of temperature-dependent effects at low temperatures. JOUR ARISE 68 1550
	2010MO06	RADIOACTIVITY ^{198}Au(β^-) [from ^{197}Au(n, γ), E=thermal]; measured Eγ, Iγ, Ee, Ie; deduced β-branching, x-rays and γ-rays emission probabilities. JOUR ARISE 68 1566
^{198}Tl	2008LAZP	NUCLEAR REACTIONS ^{197}Au(α, 3n), E=40 MeV; measured Eγ, I$\gamma(\theta)$, $\gamma\gamma$-coin, E(e), I(e), (e)γ-coin, linear polarization; deduced ^{198}Tl E, J, π, bands, B(E2), B(M1), yrast; calculated deformation, bands using two quasiparticles plus triaxial rotor. Results on CD only. CONF E.Lansing (NS2008),P25,Lawrie
	2010LA15	NUCLEAR REACTIONS ^{197}Au(α, 3n), E=40 MeV; measured Eγ, I$\gamma(\theta)$, E(ce), I(ce), (ce)γ-coin, $\gamma\gamma$-coin, polarization anisotropy. ^{198}Tl; deduced γ transitions, multipolarities, internal-conversion X-rays, levels, J, π, B(M1), B(E2) for yrast and side bands; calculated levels, J, π, B(M1), B(E2) for yrast and side bands, rotation-angular momentum angle. JOUR ZAANE 45 39
^{198}Pb	2009AL32	NUCLEAR REACTIONS ^{9}Be(^{238}U, X)^{196}Pb / ^{197}Pb / ^{198}Pb / ^{199}Pb / ^{200}Pb / ^{201}Pb / ^{202}Pb / ^{203}Pb / ^{204}Pb / ^{205}Pb / ^{206}Pb / ^{207}Pb / ^{208}Pb / ^{209}Pb / ^{210}Pb / ^{214}Pb / ^{215}Pb / ^{216}Pb / ^{217}Pb / ^{218}Pb / ^{219}Pb / ^{199}Bi / ^{200}Bi / ^{201}Bi / ^{202}Bi / ^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi / ^{207}Bi / ^{208}Bi / ^{209}Bi / ^{210}Bi / ^{211}Bi / ^{212}Bi / ^{213}Bi / ^{214}Bi / ^{218}Bi / ^{219}Bi / ^{220}Bi / ^{221}Bi / ^{222}Bi / ^{223}Bi, E=1 GeV / nucleon; measured production σ. Comparison with other data. JOUR ZAANE 42 485

A=198 ***(continued)***

^{198}At	2010JA05	RADIOACTIVITY ^{196}Po, ^{198,199}At, ^{199,200}Rn(α); measured Eα. JOUR PRVCA 82 044302

A=199

^{199}Os	2008KUZY	RADIOACTIVITY ^{194,195,196}Re, ^{199,200}Os, ^{198,199,202}Ir(β^-); measured Ie(t); deduced $T_{1/2}$. Compared with calculations. CONF Nice (Nucl Data for Sci and Technol) Proc,P47
	2009KU28	RADIOACTIVITY ^{194,195,196}Re, ^{199,200}Os, ^{198,199,200}Ir(β^-) [from Be(^{208}Pb, X), E=1 GeV / nucleon]; measured $T_{1/2}$. Comparison with two QRPA models. JOUR NUPAB 827 587c
^{199}Ir	2008KUZY	RADIOACTIVITY ^{194,195,196}Re, ^{199,200}Os, ^{198,199,202}Ir(β^-); measured Ie(t); deduced $T_{1/2}$. Compared with calculations. CONF Nice (Nucl Data for Sci and Technol) Proc,P47
	2009KU28	RADIOACTIVITY ^{194,195,196}Re, ^{199,200}Os, ^{198,199,200}Ir(β^-) [from Be(^{208}Pb, X), E=1 GeV / nucleon]; measured $T_{1/2}$. Comparison with two QRPA models. JOUR NUPAB 827 587c
^{199}Pt	2008KUZY	RADIOACTIVITY ^{194,195,196}Re, ^{199,200}Os, ^{198,199,202}Ir(β^-); measured Ie(t); deduced $T_{1/2}$. Compared with calculations. CONF Nice (Nucl Data for Sci and Technol) Proc,P47
	2009KU28	RADIOACTIVITY ^{194,195,196}Re, ^{199,200}Os, ^{198,199,200}Ir(β^-) [from Be(^{208}Pb, X), E=1 GeV / nucleon]; measured $T_{1/2}$. Comparison with two QRPA models. JOUR NUPAB 827 587c
^{199}Au	2010DE19	NUCLEAR REACTIONS Pt(^{6}Li, X)^{194}Au / ^{196}Au / ^{198}Au / ^{199}Au / ^{197}Hg, E=42.5 MeV; measured reaction products, Eγ, Iγ; deduced σ, dominant cluster contribution. Comparison with EMPIRE-2.18. JOUR BRSPE 74 777
^{199}Pb	2009AL32	NUCLEAR REACTIONS ^{9}Be(^{238}U, X)^{196}Pb / ^{197}Pb / ^{198}Pb / ^{199}Pb / ^{200}Pb / ^{201}Pb / ^{202}Pb / ^{203}Pb / ^{204}Pb / ^{205}Pb / ^{206}Pb / ^{207}Pb / ^{208}Pb / ^{209}Pb / ^{210}Pb / ^{214}Pb / ^{215}Pb / ^{216}Pb / ^{217}Pb / ^{218}Pb / ^{219}Pb / ^{199}Bi / ^{200}Bi / ^{201}Bi / ^{202}Bi / ^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi / ^{207}Bi / ^{208}Bi / ^{209}Bi / ^{210}Bi / ^{211}Bi / ^{212}Bi / ^{213}Bi / ^{214}Bi / ^{218}Bi / ^{219}Bi / ^{220}Bi / ^{221}Bi / ^{222}Bi / ^{223}Bi, E=1 GeV / nucleon; measured production σ. Comparison with other data. JOUR ZAANE 42 485
^{199}Bi	2009AL32	NUCLEAR REACTIONS ^{9}Be(^{238}U, X)^{196}Pb / ^{197}Pb / ^{198}Pb / ^{199}Pb / ^{200}Pb / ^{201}Pb / ^{202}Pb / ^{203}Pb / ^{204}Pb / ^{205}Pb / ^{206}Pb / ^{207}Pb / ^{208}Pb / ^{209}Pb / ^{210}Pb / ^{214}Pb / ^{215}Pb / ^{216}Pb / ^{217}Pb / ^{218}Pb / ^{219}Pb / ^{199}Bi / ^{200}Bi / ^{201}Bi / ^{202}Bi / ^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi / ^{207}Bi / ^{208}Bi / ^{209}Bi / ^{210}Bi / ^{211}Bi / ^{212}Bi / ^{213}Bi / ^{214}Bi / ^{218}Bi / ^{219}Bi / ^{220}Bi / ^{221}Bi / ^{222}Bi / ^{223}Bi, E=1 GeV / nucleon; measured production σ. Comparison with other data. JOUR ZAANE 42 485

A=199 *(continued)*

^{199}At	2010JA05	NUCLEAR REACTIONS ^{150}Sm(^{52}Cr, 2np), E=231 MeV; ^{120}Sn(^{82}Kr, 2np), E=355 MeV; ^{165}Ho(^{40}Ar, 6n), E=200 MeV; measured Eγ, Iγ, Eα, ce, $\gamma\gamma$-, $\gamma\alpha$-, (particle)γ-coin, isomer half-lives using JUROGAM array and GREAT spectrometer. Recoil-decay tagging method. Prompt and delayed γ spectra. ^{199}At; deduced levels, J, π, conversion coefficients, multipolarities, B(M2), isomers, configurations. ^{197}At; analyzed previous γ-ray data; deduced levels, J, π, bands. Systematics of energy levels of N=106-126 At nuclei. Systematics of B(M1) / B(E2) ratios of ^{193}Bi, ^{197,199}At nuclei. Systematics of kinematic moments of inertia for ^{193}Bi, ^{192,194,196}Po, ^{197,199}At, ^{198}Rn nuclei. JOUR PRVCA 82 044302
	2010JA05	RADIOACTIVITY ^{196}Po, ^{198,199}At, ^{199,200}Rn(α); measured Eα. JOUR PRVCA 82 044302
^{199}Rn	2010JA05	RADIOACTIVITY ^{196}Po, ^{198,199}At, ^{199,200}Rn(α); measured Eα. JOUR PRVCA 82 044302

A=200

^{200}Os	2008KUZY	RADIOACTIVITY ^{194,195,196}Re, ^{199,200}Os, ^{198,199,202}Ir(β^-); measured Ie(t); deduced $T_{1/2}$. Compared with calculations. CONF Nice (Nucl Data for Sci and Technol) Proc,P47
	2009KU28	RADIOACTIVITY ^{194,195,196}Re, ^{199,200}Os, ^{198,199,200}Ir(β^-) [from Be(^{208}Pb, X), E=1 GeV / nucleon]; measured $T_{1/2}$. Comparison with two QRPA models. JOUR NUPAB 827 587c
^{200}Ir	2008KUZY	RADIOACTIVITY ^{194,195,196}Re, ^{199,200}Os, ^{198,199,202}Ir(β^-); measured Ie(t); deduced $T_{1/2}$. Compared with calculations. CONF Nice (Nucl Data for Sci and Technol) Proc,P47
	2009KU28	RADIOACTIVITY ^{194,195,196}Re, ^{199,200}Os, ^{198,199,200}Ir(β^-) [from Be(^{208}Pb, X), E=1 GeV / nucleon]; measured $T_{1/2}$. Comparison with two QRPA models. JOUR NUPAB 827 587c
^{200}Pt	2009KU28	RADIOACTIVITY ^{194,195,196}Re, ^{199,200}Os, ^{198,199,200}Ir(β^-) [from Be(^{208}Pb, X), E=1 GeV / nucleon]; measured $T_{1/2}$. Comparison with two QRPA models. JOUR NUPAB 827 587c
^{200}Pb	2009AL32	NUCLEAR REACTIONS ^{9}Be(^{238}U, X)^{196}Pb / ^{197}Pb / ^{198}Pb / ^{199}Pb / ^{200}Pb / ^{201}Pb / ^{202}Pb / ^{203}Pb / ^{204}Pb / ^{205}Pb / ^{206}Pb / ^{207}Pb / ^{208}Pb / ^{209}Pb / ^{210}Pb / ^{214}Pb / ^{215}Pb / ^{216}Pb / ^{217}Pb / ^{218}Pb / ^{219}Pb / ^{199}Bi / ^{200}Bi / ^{201}Bi / ^{202}Bi / ^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi / ^{207}Bi / ^{208}Bi / ^{209}Bi / ^{210}Bi / ^{211}Bi / ^{212}Bi / ^{213}Bi / ^{214}Bi / ^{218}Bi / ^{219}Bi / ^{220}Bi / ^{221}Bi / ^{222}Bi / ^{223}Bi, E=1 GeV / nucleon; measured production σ. Comparison with other data. JOUR ZAANE 42 485
^{200}Bi	2009AL32	NUCLEAR REACTIONS ^{9}Be(^{238}U, X)^{196}Pb / ^{197}Pb / ^{198}Pb / ^{199}Pb / ^{200}Pb / ^{201}Pb / ^{202}Pb / ^{203}Pb / ^{204}Pb / ^{205}Pb / ^{206}Pb / ^{207}Pb / ^{208}Pb / ^{209}Pb / ^{210}Pb / ^{214}Pb / ^{215}Pb / ^{216}Pb / ^{217}Pb / ^{218}Pb / ^{219}Pb / ^{199}Bi / ^{200}Bi / ^{201}Bi / ^{202}Bi / ^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi / ^{207}Bi / ^{208}Bi / ^{209}Bi / ^{210}Bi / ^{211}Bi / ^{212}Bi / ^{213}Bi / ^{214}Bi / ^{218}Bi / ^{219}Bi / ^{220}Bi / ^{221}Bi / ^{222}Bi / ^{223}Bi, E=1 GeV / nucleon; measured production σ. Comparison with other data. JOUR ZAANE 42 485
^{200}Rn	2010JA05	RADIOACTIVITY ^{196}Po, ^{198,199}At, ^{199,200}Rn(α); measured Eα. JOUR PRVCA 82 044302

A=201

^{201}Tl	2010FOZZ	NUCLEAR REACTIONS ^{93}Nb(^{12}C, ^{8}Be), E=400 MeV; ^{197}Au(^{12}C, ^{8}Be), E=400 MeV; measured Eα, I$\alpha(\theta)$, E(particle), I(particle), $\alpha\alpha$-coin, (particle)α-coin; deduced dσ, d$\sigma(\theta)$, quasi-elastic ^{8}Be breakup. CONF Varenna (Nucl Reaction Mechanisms),Proc,Vol.2,P545
^{201}Pb	2009AL32	NUCLEAR REACTIONS ^{9}Be(^{238}U, X)^{196}Pb / ^{197}Pb / ^{198}Pb / ^{199}Pb / ^{200}Pb / ^{201}Pb / ^{202}Pb / ^{203}Pb / ^{204}Pb / ^{205}Pb / ^{206}Pb / ^{207}Pb / ^{208}Pb / ^{209}Pb / ^{210}Pb / ^{214}Pb / ^{215}Pb / ^{216}Pb / ^{217}Pb / ^{218}Pb / ^{219}Pb / ^{199}Bi / ^{200}Bi / ^{201}Bi / ^{202}Bi / ^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi / ^{207}Bi / ^{208}Bi / ^{209}Bi / ^{210}Bi / ^{211}Bi / ^{212}Bi / ^{213}Bi / ^{214}Bi / ^{218}Bi / ^{219}Bi / ^{220}Bi / ^{221}Bi / ^{222}Bi / ^{223}Bi, E=1 GeV / nucleon; measured production σ. Comparison with other data. JOUR ZAANE 42 485
^{201}Bi	2009AL32	NUCLEAR REACTIONS ^{9}Be(^{238}U, X)^{196}Pb / ^{197}Pb / ^{198}Pb / ^{199}Pb / ^{200}Pb / ^{201}Pb / ^{202}Pb / ^{203}Pb / ^{204}Pb / ^{205}Pb / ^{206}Pb / ^{207}Pb / ^{208}Pb / ^{209}Pb / ^{210}Pb / ^{214}Pb / ^{215}Pb / ^{216}Pb / ^{217}Pb / ^{218}Pb / ^{219}Pb / ^{199}Bi / ^{200}Bi / ^{201}Bi / ^{202}Bi / ^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi / ^{207}Bi / ^{208}Bi / ^{209}Bi / ^{210}Bi / ^{211}Bi / ^{212}Bi / ^{213}Bi / ^{214}Bi / ^{218}Bi / ^{219}Bi / ^{220}Bi / ^{221}Bi / ^{222}Bi / ^{223}Bi, E=1 GeV / nucleon; measured production σ. Comparison with other data. JOUR ZAANE 42 485
^{201}Po	2010DE04	RADIOACTIVITY ^{201}At, ^{205}Fr(EC), (β^+)[from U(p, X), E=1.4 GeV]; measured Eγ, Iγ, ce, $\gamma\gamma$-, γ(ce)-coin, half-lives, K-conversion coefficients, and EC / β^+ branching ratios. ^{201}Po, ^{205}Rn; deduced levels, J, π, multipolarity, and logft. Systematics of 3 / 2- and 13 / 2+ states in Pb, Po, and Rn nuclei with N=117, 119, 121 and 123. JOUR PRVCA 81 024322
^{201}At	2010DE04	RADIOACTIVITY ^{201}At, ^{205}Fr(EC), (β^+)[from U(p, X), E=1.4 GeV]; measured Eγ, Iγ, ce, $\gamma\gamma$-, γ(ce)-coin, half-lives, K-conversion coefficients, and EC / β^+ branching ratios. ^{201}Po, ^{205}Rn; deduced levels, J, π, multipolarity, and logft. Systematics of 3 / 2- and 13 / 2+ states in Pb, Po, and Rn nuclei with N=117, 119, 121 and 123. JOUR PRVCA 81 024322

A=202

^{202}Ir	2008KUZY	RADIOACTIVITY ^{194,195,196}Re, ^{199,200}Os, ^{198,199,202}Ir(β^-); measured Ie(t); deduced $T_{1/2}$. Compared with calculations. CONF Nice (Nucl Data for Sci and Technol) Proc,P47
^{202}Pt	2008KUZY	RADIOACTIVITY ^{194,195,196}Re, ^{199,200}Os, ^{198,199,202}Ir(β^-); measured Ie(t); deduced $T_{1/2}$. Compared with calculations. CONF Nice (Nucl Data for Sci and Technol) Proc,P47
^{202}Pb	2009AL32	NUCLEAR REACTIONS ^{9}Be(^{238}U, X)^{196}Pb / ^{197}Pb / ^{198}Pb / ^{199}Pb / ^{200}Pb / ^{201}Pb / ^{202}Pb / ^{203}Pb / ^{204}Pb / ^{205}Pb / ^{206}Pb / ^{207}Pb / ^{208}Pb / ^{209}Pb / ^{210}Pb / ^{214}Pb / ^{215}Pb / ^{216}Pb / ^{217}Pb / ^{218}Pb / ^{219}Pb / ^{199}Bi / ^{200}Bi / ^{201}Bi / ^{202}Bi / ^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi / ^{207}Bi / ^{208}Bi / ^{209}Bi / ^{210}Bi / ^{211}Bi / ^{212}Bi / ^{213}Bi / ^{214}Bi / ^{218}Bi / ^{219}Bi / ^{220}Bi / ^{221}Bi / ^{222}Bi / ^{223}Bi, E=1 GeV / nucleon; measured production σ. Comparison with other data. JOUR ZAANE 42 485

A=202 ***(continued)***

^{202}Bi	2009AL32	NUCLEAR REACTIONS ^{9}Be(^{238}U, X)^{196}Pb / ^{197}Pb / ^{198}Pb / ^{199}Pb / ^{200}Pb / ^{201}Pb / ^{202}Pb / ^{203}Pb / ^{204}Pb / ^{205}Pb / ^{206}Pb / ^{207}Pb / ^{208}Pb / ^{209}Pb / ^{210}Pb / ^{214}Pb / ^{215}Pb / ^{216}Pb / ^{217}Pb / ^{218}Pb / ^{219}Pb / ^{199}Bi / ^{200}Bi / ^{201}Bi / ^{202}Bi / ^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi / ^{207}Bi / ^{208}Bi / ^{209}Bi / ^{210}Bi / ^{211}Bi / ^{212}Bi / ^{213}Bi / ^{214}Bi / ^{218}Bi / ^{219}Bi / ^{220}Bi / ^{221}Bi / ^{222}Bi / ^{223}Bi, E=1 GeV / nucleon; measured production σ. Comparison with other data. JOUR ZAANE 42 485
^{202}Fr	2009PA49	NUCLEAR REACTIONS ^{238}U(p, X)^{122}Cs / ^{123}Cs / ^{124}Cs / ^{125}Cs / ^{126}Cs / ^{127}Cs / ^{128}Cs / ^{129}Cs / ^{130}Cs / ^{132}Cs / ^{138}Cs / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{143}Cs / ^{144}Cs / ^{145}Cs / ^{146}Cs / ^{147}Cs / ^{148}Cs / ^{202}Fr / ^{203}Fr / ^{204}Fr / ^{205}Fr / ^{206}Fr / ^{207}Fr / ^{208}Fr / ^{209}Fr / ^{210}Fr / ^{211}Fr / ^{212}Fr / ^{213}Fr / ^{214}Fr / ^{218}Fr / ^{219}Fr / ^{220}Fr / ^{221}Fr / ^{222}Fr / ^{223}Fr / ^{224}Fr / ^{225}Fr / ^{226}Fr / ^{227}Fr / ^{228}Fr, E=1 GeV; measured fission and spallation yields from different mass targets; deduced effect of target size. JOUR ZAANE 42 495

A=203

^{203}Pt	2010AL24	NUCLEAR REACTIONS ^{9}Be(^{238}U, X), E=1 GeV / nucleon; measured fragment residues using a high resolution magnetic spectrometer Fragment Separator, σ, yields. ^{203,204,205}Pt, ^{207,208,209,210}Au, ^{210,211,212,213,214,215,216}Hg, ^{210,211,212,213,214,215,216,217}Tl, ^{214,215,216,217,218,219,220}Pb, ^{217,218,219,220,221,222,223,224}Bi, ^{220,221,222,223,224,225,226,227}Po, ^{222,223,224,225,226,227,228,229}At, ^{225,226,227,228,229,230,231}Rn, ^{228,229,230,232,232,233}Fr; deduced yields, production σ. Comparisons of σ with the predictions obtained using the computer codes COFRA and EPAX. JOUR PRVCA 82 041602
^{203}Hg	2008TAZI	NUCLEAR REACTIONS Pb(p, x), E=1, 1.4 GeV; Bi(p, x), E=1, 1.4 GeV; measured Eγ, Iγ, A(particle) using melted thick target at ISOLDE facility; ^{76,77,79,85,87,88,89,90}Kr, ^{111}Cd, ^{121,124,126}I, ^{120,121,122,123,125,127,129,131,133}Xe, ^{184,186,188,190,192,193,195,197,203,205,206}Hg, ^{204,205,206,207,208,209,210}At; deduced thick target yields temperature dependence 250-600 centigrade; calculated using FLUKA, MCNPX with INCL4 / ABLA. CONF Nice (Nucl Data for Sci and Technol) Proc,P1069
^{203}Pb	2009AL32	NUCLEAR REACTIONS ^{9}Be(^{238}U, X)^{196}Pb / ^{197}Pb / ^{198}Pb / ^{199}Pb / ^{200}Pb / ^{201}Pb / ^{202}Pb / ^{203}Pb / ^{204}Pb / ^{205}Pb / ^{206}Pb / ^{207}Pb / ^{208}Pb / ^{209}Pb / ^{210}Pb / ^{214}Pb / ^{215}Pb / ^{216}Pb / ^{217}Pb / ^{218}Pb / ^{219}Pb / ^{199}Bi / ^{200}Bi / ^{201}Bi / ^{202}Bi / ^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi / ^{207}Bi / ^{208}Bi / ^{209}Bi / ^{210}Bi / ^{211}Bi / ^{212}Bi / ^{213}Bi / ^{214}Bi / ^{218}Bi / ^{219}Bi / ^{220}Bi / ^{221}Bi / ^{222}Bi / ^{223}Bi, E=1 GeV / nucleon; measured production σ. Comparison with other data. JOUR ZAANE 42 485

A=203 ***(continued)***

^{203}Bi	2009AL32	NUCLEAR REACTIONS ^{9}Be(^{238}U, X)^{196}Pb / ^{197}Pb / ^{198}Pb / ^{199}Pb / ^{200}Pb / ^{201}Pb / ^{202}Pb / ^{203}Pb / ^{204}Pb / ^{205}Pb / ^{206}Pb / ^{207}Pb / ^{208}Pb / ^{209}Pb / ^{210}Pb / ^{214}Pb / ^{215}Pb / ^{216}Pb / ^{217}Pb / ^{218}Pb / ^{219}Pb / ^{199}Bi / ^{200}Bi / ^{201}Bi / ^{202}Bi / ^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi / ^{207}Bi / ^{208}Bi / ^{209}Bi / ^{210}Bi / ^{211}Bi / ^{212}Bi / ^{213}Bi / ^{214}Bi / ^{218}Bi / ^{219}Bi / ^{220}Bi / ^{221}Bi / ^{222}Bi / ^{223}Bi, E=1 GeV / nucleon; measured production σ. Comparison with other data. JOUR ZAANE 42 485
^{203}Fr	2009PA49	NUCLEAR REACTIONS ^{238}U(p, X)^{122}Cs / ^{123}Cs / ^{124}Cs / ^{125}Cs / ^{126}Cs / ^{127}Cs / ^{128}Cs / ^{129}Cs / ^{130}Cs / ^{132}Cs / ^{138}Cs / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{143}Cs / ^{144}Cs / ^{145}Cs / ^{146}Cs / ^{147}Cs / ^{148}Cs / ^{202}Fr / ^{203}Fr / ^{204}Fr / ^{205}Fr / ^{206}Fr / ^{207}Fr / ^{208}Fr / ^{209}Fr / ^{210}Fr / ^{211}Fr / ^{212}Fr / ^{213}Fr / ^{214}Fr / ^{218}Fr / ^{219}Fr / ^{220}Fr / ^{221}Fr / ^{222}Fr / ^{223}Fr / ^{224}Fr / ^{225}Fr / ^{226}Fr / ^{227}Fr / ^{228}Fr, E=1 GeV; measured fission and spallation yields from different mass targets; deduced effect of target size. JOUR ZAANE 42 495

A=204

^{204}Pt	2010AL24	NUCLEAR REACTIONS ^{9}Be(^{238}U, X), E=1 GeV / nucleon; measured fragment residues using a high resolution magnetic spectrometer Fragment Separator, σ, yields. ^{203,204,205}Pt, ^{207,208,209,210}Au, ^{210,211,212,213,214,215,216}Hg, ^{210,211,212,213,214,215,216,217}Tl, ^{214,215,216,217,218,219,220}Pb, ^{217,218,219,220,221,222,223,224}Bi, ^{220,221,222,223,224,225,226,227}Po, ^{222,223,224,225,226,227,228,229}At, ^{225,226,227,228,229,230,231}Rn, ^{228,229,230,232,232,233}Fr; deduced yields, production σ. Comparisons of σ with the predictions obtained using the computer codes COFRA and EPAX. JOUR PRVCA 82 041602
^{204}Tl	2008COZW	NUCLEAR REACTIONS ^{203}Tl(n, γ), E≈15 meV - 300 keV; measured Eγ, Iγ, $\gamma\gamma$-coin., deposited energy; ^{205}Tl(n, γ), E≈2350-3300 eV;measured Eγ, Iγ, $\gamma\gamma$-coin., deduced σ. Compared to other data, JEFF-3.0. CONF Nice (Nucl Data for Sci and Technol) Proc,P579
	2010QA01	NUCLEAR REACTIONS Ti(p, X)^{45}Ca / ^{49}V, E<200 MeV; Pb(p, X)^{204}Tl, E<90 MeV; measured Ee, Ie, x-rays, Eγ, Iγ; deduced σ. Radiochemical techniques, comparison with ALICE-IPPE and TALYS codes. JOUR RAACA 98 447
^{204}Pb	2009AL32	NUCLEAR REACTIONS ^{9}Be(^{238}U, X)^{196}Pb / ^{197}Pb / ^{198}Pb / ^{199}Pb / ^{200}Pb / ^{201}Pb / ^{202}Pb / ^{203}Pb / ^{204}Pb / ^{205}Pb / ^{206}Pb / ^{207}Pb / ^{208}Pb / ^{209}Pb / ^{210}Pb / ^{214}Pb / ^{215}Pb / ^{216}Pb / ^{217}Pb / ^{218}Pb / ^{219}Pb / ^{199}Bi / ^{200}Bi / ^{201}Bi / ^{202}Bi / ^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi / ^{207}Bi / ^{208}Bi / ^{209}Bi / ^{210}Bi / ^{211}Bi / ^{212}Bi / ^{213}Bi / ^{214}Bi / ^{218}Bi / ^{219}Bi / ^{220}Bi / ^{221}Bi / ^{222}Bi / ^{223}Bi, E=1 GeV / nucleon; measured production σ. Comparison with other data. JOUR ZAANE 42 485

A=204 ***(continued)***

	2010ZE06	NUCLEAR REACTIONS ^{58}Ni, ^{204,206,208}Pb(polarized p, p), E=295 MeV; measured proton spectra, $\sigma(\theta)$ and analyzing powers; deduced neutron and proton densities, neutron skin thickness and rms radii using model-independent sum-of-Gaussians distributions. Comparison with relativistic impulse approximation (RIA) for ^{58}Ni data and with RIA and Murdock and Horowitz (MH) model calculations for Pb nuclei. JOUR PRVCA 82 044611
^{204}Bi	2009AL32	NUCLEAR REACTIONS ^{9}Be(^{238}U, X)^{196}Pb / ^{197}Pb / ^{198}Pb / ^{199}Pb / ^{200}Pb / ^{201}Pb / ^{202}Pb / ^{203}Pb / ^{204}Pb / ^{205}Pb / ^{206}Pb / ^{207}Pb / ^{208}Pb / ^{209}Pb / ^{210}Pb / ^{214}Pb / ^{215}Pb / ^{216}Pb / ^{217}Pb / ^{218}Pb / ^{219}Pb / ^{199}Bi / ^{200}Bi / ^{201}Bi / ^{202}Bi / ^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi / ^{207}Bi / ^{208}Bi / ^{209}Bi / ^{210}Bi / ^{211}Bi / ^{212}Bi / ^{213}Bi / ^{214}Bi / ^{218}Bi / ^{219}Bi / ^{220}Bi / ^{221}Bi / ^{222}Bi / ^{223}Bi, E=1 GeV / nucleon; measured production σ. Comparison with other data. JOUR ZAANE 42 485
^{204}Po	2010KA29	NUCLEAR REACTIONS ^{197}Au(^{16}O, xn)^{208}Fr / ^{209}Fr / ^{210}Fr, E=88, 94, 100 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, evaporation residue yields, $T_{1/2}$ using INGA array. ^{208}Fr; deduced energy levels, J, π, $T_{1/2}$, DCO ratios. ^{204}Po, ^{206}At, ^{208}Rn; deduced levels $T_{1/2}$. Comparison with other data. JOUR NUPAB 842 1
^{204}At	2008TAZI	NUCLEAR REACTIONS Pb(p, x), E=1, 1.4 GeV; Bi(p, x), E=1, 1.4 GeV; measured Eγ, Iγ, A(particle) using melted thick target at ISOLDE facility; ^{76,77,79,85,87,88,89,90}Kr, ^{111}Cd, ^{121,124,126}I, ^{120,121,122,123,125,127,129,131,133}Xe, ^{184,186,188,190,192,193,195,197,203,205,206}Hg, ^{204,205,206,207,208,209,210}At; deduced thick target yields temperature dependence 250-600 centigrade; calculated using FLUKA, MCNPX with INCL4 / ABLA. CONF Nice (Nucl Data for Sci and Technol) Proc,P1069
^{204}Fr	2009PA49	NUCLEAR REACTIONS ^{238}U(p, X)^{122}Cs / ^{123}Cs / ^{124}Cs / ^{125}Cs / ^{126}Cs / ^{127}Cs / ^{128}Cs / ^{129}Cs / ^{130}Cs / ^{132}Cs / ^{138}Cs / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{143}Cs / ^{144}Cs / ^{145}Cs / ^{146}Cs / ^{147}Cs / ^{148}Cs / ^{202}Fr / ^{203}Fr / ^{204}Fr / ^{205}Fr / ^{206}Fr / ^{207}Fr / ^{208}Fr / ^{209}Fr / ^{210}Fr / ^{211}Fr / ^{212}Fr / ^{213}Fr / ^{214}Fr / ^{218}Fr / ^{219}Fr / ^{220}Fr / ^{221}Fr / ^{222}Fr / ^{223}Fr / ^{224}Fr / ^{225}Fr / ^{226}Fr / ^{227}Fr / ^{228}Fr, E=1 GeV; measured fission and spallation yields from different mass targets; deduced effect of target size. JOUR ZAANE 42 495

A=205

^{205}Pt	2010AL24	NUCLEAR REACTIONS ^{9}Be(^{238}U, X), E=1 GeV / nucleon; measured fragment residues using a high resolution magnetic spectrometer Fragment Separator, σ, yields. ^{203,204,205}Pt, ^{207,208,209,210}Au, ^{210,211,212,213,214,215,216}Hg, ^{210,211,212,213,214,215,216,217}Tl, ^{214,215,216,217,218,219,220}Pb, ^{217,218,219,220,221,222,223,224}Bi, ^{220,221,222,223,224,225,226,227}Po, ^{222,223,224,225,226,227,228,229}At, ^{225,226,227,228,229,230,231}Rn, ^{228,229,230,232,232,233}Fr; deduced yields, production σ. Comparisons of σ with the predictions obtained using the computer codes COFRA and EPAX. JOUR PRVCA 82 041602

A=205 ***(continued)***

^{205}Au	2008BOZG	RADIOACTIVITY ^{54}Ni(β^+); measured ^{54}Co Eγ, Iγ; ^{205}Au(β^-); measured ICC, Eγ, Iγ. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P83
	2009PO14	NUCLEAR REACTIONS ^{9}Be(^{208}Pb, X)^{205}Au, E=1 GeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin using RISING array and FRS. ^{205}Au; deduced high-spin yrast levels, J, π, B(E2), B(E3). Comparison with OXBASH shell model and systematics. JOUR ZAANE 42 489
^{205}Hg	2008BOZG	RADIOACTIVITY ^{54}Ni(β^+); measured ^{54}Co Eγ, Iγ; ^{205}Au(β^-); measured ICC, Eγ, Iγ. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P83
	2008TAZI	NUCLEAR REACTIONS Pb(p, x), E=1, 1.4 GeV; Bi(p, x), E=1, 1.4 GeV; measured Eγ, Iγ, A(particle) using melted thick target at ISOLDE facility; ^{76,77,79,85,87,88,89,90}Kr, ^{111}Cd, ^{121,124,126}I, ^{120,121,122,123,125,127,129,131,133}Xe, ^{184,186,188,190,192,193,195,197,203,205,206}Hg, ^{204,205,206,207,208,209,210}At; deduced thick target yields temperature dependence 250-600 centigrade; calculated using FLUKA, MCNPX with INCL4 / ABLA. CONF Nice (Nucl Data for Sci and Technol) Proc,P1069
	2010KU02	RADIOACTIVITY ^{205}Hg, ^{207}Tl(β^-) [from Be(^{208}Pb, X), E=750 MeV / nucleon];^{140}Pr, ^{142}Pm, ^{122}I(EC) [from Be(^{152}Sm, X), E=508 MeV / nucleon];measured time evolution of the Schottky noise, revolution frequencies; deduced decay rates, Q-values, time-dependent decay constant. JOUR APOBB 41 525
^{205}Tl	2010KU02	RADIOACTIVITY ^{205}Hg, ^{207}Tl(β^-) [from Be(^{208}Pb, X), E=750 MeV / nucleon];^{140}Pr, ^{142}Pm, ^{122}I(EC) [from Be(^{152}Sm, X), E=508 MeV / nucleon];measured time evolution of the Schottky noise, revolution frequencies; deduced decay rates, Q-values, time-dependent decay constant. JOUR APOBB 41 525
^{205}Pb	2008DOZU	NUCLEAR REACTIONS ^{204,206,207}Pb, ^{209}Bi(n, γ), E≈4-50 keV; measured Eγ, Iγ; deduced σ; s-process abundances. Compared to older data. CONF Nice (Nucl Data for Sci and Technol) Proc,P1311
	2009AL32	NUCLEAR REACTIONS ^{9}Be(^{238}U, X)^{196}Pb / ^{197}Pb / ^{198}Pb / ^{199}Pb / ^{200}Pb / ^{201}Pb / ^{202}Pb / ^{203}Pb / ^{204}Pb / ^{205}Pb / ^{206}Pb / ^{207}Pb / ^{208}Pb / ^{209}Pb / ^{210}Pb / ^{214}Pb / ^{215}Pb / ^{216}Pb / ^{217}Pb / ^{218}Pb / ^{219}Pb / ^{199}Bi / ^{200}Bi / ^{201}Bi / ^{202}Bi / ^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi / ^{207}Bi / ^{208}Bi / ^{209}Bi / ^{210}Bi / ^{211}Bi / ^{212}Bi / ^{213}Bi / ^{214}Bi / ^{218}Bi / ^{219}Bi / ^{220}Bi / ^{221}Bi / ^{222}Bi / ^{223}Bi, E=1 GeV / nucleon; measured production σ. Comparison with other data. JOUR ZAANE 42 485
	2010CO02	NUCLEAR REACTIONS ^{197}Au, ^{151}Sm, Pb, ^{204,206,207,208}Pb, ^{209}Bi, ^{139}La, ^{232}Th, ^{24,25,26}Mg, ^{90,91,92,93,94,95,96}Zr, ^{186,187,188}Os, ^{233,234,235,236,238}U, ^{237}Np, ^{240}Pu, ^{241,243}Am, ^{245}Cm(n, γ), E=0.001-1 MeV; measured Eγ, Iγ, fission fragments; deduced σ. JOUR ARISE 68 643

A=205 ***(continued)***

^{205}Bi	2009AL32	NUCLEAR REACTIONS ^{9}Be(^{238}U, X)^{196}Pb / ^{197}Pb / ^{198}Pb / ^{199}Pb / ^{200}Pb / ^{201}Pb / ^{202}Pb / ^{203}Pb / ^{204}Pb / ^{205}Pb / ^{206}Pb / ^{207}Pb / ^{208}Pb / ^{209}Pb / ^{210}Pb / ^{214}Pb / ^{215}Pb / ^{216}Pb / ^{217}Pb / ^{218}Pb / ^{219}Pb / ^{199}Bi / ^{200}Bi / ^{201}Bi / ^{202}Bi / ^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi / ^{207}Bi / ^{208}Bi / ^{209}Bi / ^{210}Bi / ^{211}Bi / ^{212}Bi / ^{213}Bi / ^{214}Bi / ^{218}Bi / ^{219}Bi / ^{220}Bi / ^{221}Bi / ^{222}Bi / ^{223}Bi, E=1 GeV / nucleon; measured production σ. Comparison with other data. JOUR ZAANE 42 485
^{205}At	2008TAZI	NUCLEAR REACTIONS Pb(p, x), E=1, 1.4 GeV; Bi(p, x), E=1, 1.4 GeV; measured Eγ, Iγ, A(particle) using melted thick target at ISOLDE facility; ^{76,77,79,85,87,88,89,90}Kr, ^{111}Cd, ^{121,124,126}I, ^{120,121,122,123,125,127,129,131,133}Xe, ^{184,186,188,190,192,193,195,197,203,205,206}Hg, ^{204,205,206,207,208,209,210}At; deduced thick target yields temperature dependence 250-600 centigrade; calculated using FLUKA, MCNPX with INCL4 / ABLA. CONF Nice (Nucl Data for Sci and Technol) Proc,P1069
^{205}Rn	2010DE04	RADIOACTIVITY ^{201}At, ^{205}Fr(EC), (β^+)[from U(p, X), E=1.4 GeV]; measured Eγ, Iγ, ce, $\gamma\gamma$-, γ(ce)-coin, half-lives, K-conversion coefficients, and EC / β^+ branching ratios. ^{201}Po, ^{205}Rn; deduced levels, J, π, multipolarity, and logft. Systematics of 3 / 2- and 13 / 2+ states in Pb, Po, and Rn nuclei with N=117, 119, 121 and 123. JOUR PRVCA 81 024322
^{205}Fr	2009PA49	NUCLEAR REACTIONS ^{238}U(p, X)^{122}Cs / ^{123}Cs / ^{124}Cs / ^{125}Cs / ^{126}Cs / ^{127}Cs / ^{128}Cs / ^{129}Cs / ^{130}Cs / ^{132}Cs / ^{138}Cs / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{143}Cs / ^{144}Cs / ^{145}Cs / ^{146}Cs / ^{147}Cs / ^{148}Cs / ^{202}Fr / ^{203}Fr / ^{204}Fr / ^{205}Fr / ^{206}Fr / ^{207}Fr / ^{208}Fr / ^{209}Fr / ^{210}Fr / ^{211}Fr / ^{212}Fr / ^{213}Fr / ^{214}Fr / ^{218}Fr / ^{219}Fr / ^{220}Fr / ^{221}Fr / ^{222}Fr / ^{223}Fr / ^{224}Fr / ^{225}Fr / ^{226}Fr / ^{227}Fr / ^{228}Fr, E=1 GeV; measured fission and spallation yields from different mass targets; deduced effect of target size. JOUR ZAANE 42 495
	2010DE04	RADIOACTIVITY ^{201}At, ^{205}Fr(EC), (β^+)[from U(p, X), E=1.4 GeV]; measured Eγ, Iγ, ce, $\gamma\gamma$-, γ(ce)-coin, half-lives, K-conversion coefficients, and EC / β^+ branching ratios. ^{201}Po, ^{205}Rn; deduced levels, J, π, multipolarity, and logft. Systematics of 3 / 2- and 13 / 2+ states in Pb, Po, and Rn nuclei with N=117, 119, 121 and 123. JOUR PRVCA 81 024322

A=206

^{206}Hg	2008TAZI	NUCLEAR REACTIONS Pb(p, x), E=1, 1.4 GeV; Bi(p, x), E=1, 1.4 GeV; measured Eγ, Iγ, A(particle) using melted thick target at ISOLDE facility; ^{76,77,79,85,87,88,89,90}Kr, ^{111}Cd, ^{121,124,126}I, ^{120,121,122,123,125,127,129,131,133}Xe, ^{184,186,188,190,192,193,195,197,203,205,206}Hg, ^{204,205,206,207,208,209,210}At; deduced thick target yields temperature dependence 250-600 centigrade; calculated using FLUKA, MCNPX with INCL4 / ABLA. CONF Nice (Nucl Data for Sci and Technol) Proc,P1069

A=206 ***(continued)***

	2009AL29	NUCLEAR REACTIONS ^{9}Be(^{238}U, X)^{206}Hg / ^{208}Hg / ^{209}Tl, E=1 GeV / nucleon; measured Eγ, Iγ, delayed γ, (particle)γ-coin, and half-lives using RISING array at GSI facility. ^{208}Hg, ^{209}Tl; deduced levels, J, π, isomers, and B(E2). Systematics of energies of first 2+ and 4+ states in even-even nuclei with Z=74-90, and N=112-138. Comparison with shell-model calculations. JOUR PRVCA 80 061302
^{206}Tl	2008COZW	NUCLEAR REACTIONS ^{203}Tl(n, γ), E≈15 meV - 300 keV; measured Eγ, Iγ, $\gamma\gamma$-coin., deposited energy; ^{205}Tl(n, γ), E≈2350-3300 eV;measured Eγ, Iγ, $\gamma\gamma$-coin., deduced σ. Compared to other data, JEFF-3.0. CONF Nice (Nucl Data for Sci and Technol) Proc,P579
^{206}Pb	2008BIZV	RADIOACTIVITY ^{210}Po(α)[from ^{209}Bi(n, γ)], ^{211}Po(α); measured Eα, Iα; deduced abundance contributions for the s-process at kT=30 keV. CONF Nice (Nucl Data for Sci and Technol) Proc,P1333
	2008BOZJ	RADIOACTIVITY ^{210}Po(α); measured Eγ, Iγ, Eα, Iα; deduced differential γ-emission probabilities. Comparison with model calculations of bremsstrahlung. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P523,Boie
	2008NEZY	NUCLEAR REACTIONS ^{56}Fe, ^{206}Pb(n, n'γ), E≈1000-19000 keV; measured Eγ, I$\gamma(\theta)$; deduced σ. Preliminary results. CONF Nice (Nucl Data for Sci and Technol) Proc,P1016
	2008OBZZ	NUCLEAR REACTIONS ^{235}U(n, f), E=thermal, fast; measured fission fragments in time; deduced $T_{1/2}$; Pb(n, xn)^{206}Pb, E=5.1, 6.2, 7.0 MeV; measured Eγ, Iγ(t); deduced isomeric transition, spin population; ^{234}U(n, f), E=0.95, 1.27 MeV; measured fission fragments in time; deduced ^{235}U shape isomer σ, $T_{1/2}$; U(n, x)^{239}U, E≈1 MeV; measured Eγ, Iγ(t); deduced ^{239}U superdeformation ground state, isomeric transitions. NEPTUNE spectrometer. CONF Nice (Nucl Data for Sci and Technol) Proc,P53
	2009AL32	NUCLEAR REACTIONS ^{9}Be(^{238}U, X)^{196}Pb / ^{197}Pb / ^{198}Pb / ^{199}Pb / ^{200}Pb / ^{201}Pb / ^{202}Pb / ^{203}Pb / ^{204}Pb / ^{205}Pb / ^{206}Pb / ^{207}Pb / ^{208}Pb / ^{209}Pb / ^{210}Pb / ^{214}Pb / ^{215}Pb / ^{216}Pb / ^{217}Pb / ^{218}Pb / ^{219}Pb / ^{199}Bi / ^{200}Bi / ^{201}Bi / ^{202}Bi / ^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi / ^{207}Bi / ^{208}Bi / ^{209}Bi / ^{210}Bi / ^{211}Bi / ^{212}Bi / ^{213}Bi / ^{214}Bi / ^{218}Bi / ^{219}Bi / ^{220}Bi / ^{221}Bi / ^{222}Bi / ^{223}Bi, E=1 GeV / nucleon; measured production σ. Comparison with other data. JOUR ZAANE 42 485
	2009FRZX	NUCLEAR REACTIONS ^{206,207,208}Pb(γ, γ'), E=4.8, 5.5 MeV; measured Eγ, I$\gamma(\theta)$ with polarized incident beam using HIγS γ-source at DFELL; deduced coupling of ν hole in ^{207}Pb to 1^- collective ^{208}Pb state. CONF Cologne (Capture Gamma-Ray Spectroscopy) Proc,P591,Fritzsche
	2009MA70	NUCLEAR REACTIONS ^{13}C(α, γ), (α, n), E=2.000, 2.270 MeV; measured Eγ, Iγ, $\gamma(\theta)$, En, σ, and $\sigma(\theta)$; deduced astrophysical S factors. Comparison with previous experimental data. ^{27}Al, ^{127}I, ^{206,207,208}Pb(n, n'), E=3.5-4.4 MeV; ^{127}I(n, γ), E=10.1-11.3 MeV; measured Eγ. JOUR PRVCA 80 065802

A=206 ***(continued)***

	2010ZE06	NUCLEAR REACTIONS ^{58}Ni, ^{204,206,208}Pb(polarized p, p), E=295 MeV; measured proton spectra, $\sigma(\theta)$ and analyzing powers; deduced neutron and proton densities, neutron skin thickness and rms radii using model-independent sum-of-Gaussians distributions. Comparison with relativistic impulse approximation (RIA) for ^{58}Ni data and with RIA and Murdock and Horowitz (MH) model calculations for Pb nuclei. JOUR PRVCA 82 044611
^{206}Bi	2009AL32	NUCLEAR REACTIONS ^{9}Be(^{238}U, X)^{196}Pb / ^{197}Pb / ^{198}Pb / ^{199}Pb / ^{200}Pb / ^{201}Pb / ^{202}Pb / ^{203}Pb / ^{204}Pb / ^{205}Pb / ^{206}Pb / ^{207}Pb / ^{208}Pb / ^{209}Pb / ^{210}Pb / ^{214}Pb / ^{215}Pb / ^{216}Pb / ^{217}Pb / ^{218}Pb / ^{219}Pb / ^{199}Bi / ^{200}Bi / ^{201}Bi / ^{202}Bi / ^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi / ^{207}Bi / ^{208}Bi / ^{209}Bi / ^{210}Bi / ^{211}Bi / ^{212}Bi / ^{213}Bi / ^{214}Bi / ^{218}Bi / ^{219}Bi / ^{220}Bi / ^{221}Bi / ^{222}Bi / ^{223}Bi, E=1 GeV / nucleon; measured production σ. Comparison with other data. JOUR ZAANE 42 485
^{206}At	2008TAZI	NUCLEAR REACTIONS Pb(p, x), E=1, 1.4 GeV; Bi(p, x), E=1, 1.4 GeV; measured Eγ, Iγ, A(particle) using melted thick target at ISOLDE facility; ^{76,77,79,85,87,88,89,90}Kr, ^{111}Cd, ^{121,124,126}I, ^{120,121,122,123,125,127,129,131,133}Xe, ^{184,186,188,190,192,193,195,197,203,205,206}Hg, ^{204,205,206,207,208,209,210}At; deduced thick target yields temperature dependence 250-600 centigrade; calculated using FLUKA, MCNPX with INCL4 / ABLA. CONF Nice (Nucl Data for Sci and Technol) Proc,P1069
	2010KA29	NUCLEAR REACTIONS ^{197}Au(^{16}O, xn)^{208}Fr / ^{209}Fr / ^{210}Fr, E=88, 94, 100 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, evaporation residue yields, $T_{1/2}$ using INGA array. ^{208}Fr; deduced energy levels, J, π, $T_{1/2}$, DCO ratios. ^{204}Po, ^{206}At, ^{208}Rn; deduced levels $T_{1/2}$. Comparison with other data. JOUR NUPAB 842 1
^{206}Fr	2009PA49	NUCLEAR REACTIONS ^{238}U(p, X)^{122}Cs / ^{123}Cs / ^{124}Cs / ^{125}Cs / ^{126}Cs / ^{127}Cs / ^{128}Cs / ^{129}Cs / ^{130}Cs / ^{132}Cs / ^{138}Cs / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{143}Cs / ^{144}Cs / ^{145}Cs / ^{146}Cs / ^{147}Cs / ^{148}Cs / ^{202}Fr / ^{203}Fr / ^{204}Fr / ^{205}Fr / ^{206}Fr / ^{207}Fr / ^{208}Fr / ^{209}Fr / ^{210}Fr / ^{211}Fr / ^{212}Fr / ^{213}Fr / ^{214}Fr / ^{218}Fr / ^{219}Fr / ^{220}Fr / ^{221}Fr / ^{222}Fr / ^{223}Fr / ^{224}Fr / ^{225}Fr / ^{226}Fr / ^{227}Fr / ^{228}Fr, E=1 GeV; measured fission and spallation yields from different mass targets; deduced effect of target size. JOUR ZAANE 42 495

A=207

^{207}Au	2010AL24	NUCLEAR REACTIONS ^{9}Be(^{238}U, X), E=1 GeV / nucleon; measured fragment residues using a high resolution magnetic spectrometer Fragment Separator, σ, yields. ^{203,204,205}Pt, ^{207,208,209,210}Au, ^{210,211,212,213,214,215,216}Hg, ^{210,211,212,213,214,215,216,217}Tl, ^{214,215,216,217,218,219,220}Pb, ^{217,218,219,220,221,222,223,224}Bi, ^{220,221,222,223,224,225,226,227}Po, ^{222,223,224,225,226,227,228,229}At, ^{225,226,227,228,229,230,231}Rn, ^{228,229,230,232,232,233}Fr; deduced yields, production σ. Comparisons of σ with the predictions obtained using the computer codes COFRA and EPAX. JOUR PRVCA 82 041602

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

^{207}Tl	2009MO37	RADIOACTIVITY ^{231}Pa, ^{230}U, ^{226,227}Th, ^{222,223}Ra, ^{218,219}Rn, ^{214,215}Po, ^{211}Bi(α); measured Eα. JOUR PRVCA 80 054612
	2010KU02	RADIOACTIVITY ^{205}Hg, ^{207}Tl(β^-) [from Be(^{208}Pb, X), E=750 MeV / nucleon];^{140}Pr, ^{142}Pm, ^{122}I(EC) [from Be(^{152}Sm, X), E=508 MeV / nucleon];measured time evolution of the Schottky noise, revolution frequencies; deduced decay rates, Q-values, time-dependent decay constant. JOUR APOBB 41 525
^{207}Pb	2008BIZV	RADIOACTIVITY ^{210}Po(α)[from ^{209}Bi(n, γ)], ^{211}Po(α); measured Eα, Iα; deduced abundance contributions for the s-process at kT=30 keV. CONF Nice (Nucl Data for Sci and Technol) Proc,P1333
	2008DOZU	NUCLEAR REACTIONS ^{204,206,207}Pb, ^{209}Bi(n, γ), E≈4-50 keV; measured Eγ, Iγ; deduced σ; s-process abundances. Compared to older data. CONF Nice (Nucl Data for Sci and Technol) Proc,P1311
	2009AL32	NUCLEAR REACTIONS ^{9}Be(^{238}U, X)^{196}Pb / ^{197}Pb / ^{198}Pb / ^{199}Pb / ^{200}Pb / ^{201}Pb / ^{202}Pb / ^{203}Pb / ^{204}Pb / ^{205}Pb / ^{206}Pb / ^{207}Pb / ^{208}Pb / ^{209}Pb / ^{210}Pb / ^{214}Pb / ^{215}Pb / ^{216}Pb / ^{217}Pb / ^{218}Pb / ^{219}Pb / ^{199}Bi / ^{200}Bi / ^{201}Bi / ^{202}Bi / ^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi / ^{207}Bi / ^{208}Bi / ^{209}Bi / ^{210}Bi / ^{211}Bi / ^{212}Bi / ^{213}Bi / ^{214}Bi / ^{218}Bi / ^{219}Bi / ^{220}Bi / ^{221}Bi / ^{222}Bi / ^{223}Bi, E=1 GeV / nucleon; measured production σ. Comparison with other data. JOUR ZAANE 42 485
	2009FRZX	NUCLEAR REACTIONS ^{206,207,208}Pb(γ, γ'), E=4.8, 5.5 MeV; measured Eγ, I$\gamma(\theta)$ with polarized incident beam using HIγS γ-source at DFELL; deduced coupling of ν hole in ^{207}Pb to 1^- collective ^{208}Pb state. CONF Cologne (Capture Gamma-Ray Spectroscopy) Proc,P591,Fritzsche
	2009MA70	NUCLEAR REACTIONS ^{13}C(α, γ), (α, n), E=2.000, 2.270 MeV; measured Eγ, Iγ, $\gamma(\theta)$, En, σ, and $\sigma(\theta)$; deduced astrophysical S factors. Comparison with previous experimental data. ^{27}Al, ^{127}I, ^{206,207,208}Pb(n, n'), E=3.5-4.4 MeV; ^{127}I(n, γ), E=10.1-11.3 MeV; measured Eγ. JOUR PRVCA 80 065802
	2010CO02	NUCLEAR REACTIONS ^{197}Au, ^{151}Sm, Pb, ^{204,206,207,208}Pb, ^{209}Bi, ^{139}La, ^{232}Th, ^{24,25,26}Mg, ^{90,91,92,93,94,95,96}Zr, ^{186,187,188}Os, ^{233,234,235,236,238}U, ^{237}Np, ^{240}Pu, ^{241,243}Am, ^{245}Cm(n, γ), E=0.001-1 MeV; measured Eγ, Iγ, fission fragments; deduced σ. JOUR ARISE 68 643
	2010KU02	RADIOACTIVITY ^{205}Hg, ^{207}Tl(β^-) [from Be(^{208}Pb, X), E=750 MeV / nucleon];^{140}Pr, ^{142}Pm, ^{122}I(EC) [from Be(^{152}Sm, X), E=508 MeV / nucleon];measured time evolution of the Schottky noise, revolution frequencies; deduced decay rates, Q-values, time-dependent decay constant. JOUR APOBB 41 525
	2010TA22	NUCLEAR REACTIONS ^{248}Cm(^{209}Bi, ^{210}Bi)^{247}Cm, E=1450 MeV; ^{250}Cm(^{209}Bi, ^{208}Bi)^{249}Cm, E=1450 MeV; ^{249}Cf(^{207}Pb, ^{207}Pb'), E=1430 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin using Gammasphere array. ^{247,249}Cm, ^{249}Cf; deduced levels, J, π, (g_K-g_R) / Q_0, alignments, Nilsson configurations, and rotational bands. ^{197}Au, ^{207}Pb, ^{208}Bi, ^{210}Bi; measured Eγ. Systematics of alignments for ^{244}Pu, ^{246}Cm, ^{248}Cf, ^{250}Fm and ^{252}No, Comparison with Woods-Saxon cranking calculations. JOUR PRVCA 82 041301

A=207 *(continued)*

^{207}Bi	2009AL32	NUCLEAR REACTIONS ^{9}Be(^{238}U, X)^{196}Pb / ^{197}Pb / ^{198}Pb / ^{199}Pb / ^{200}Pb / ^{201}Pb / ^{202}Pb / ^{203}Pb / ^{204}Pb / ^{205}Pb / ^{206}Pb / ^{207}Pb / ^{208}Pb / ^{209}Pb / ^{210}Pb / ^{214}Pb / ^{215}Pb / ^{216}Pb / ^{217}Pb / ^{218}Pb / ^{219}Pb / ^{199}Bi / ^{200}Bi / ^{201}Bi / ^{202}Bi / ^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi / ^{207}Bi / ^{208}Bi / ^{209}Bi / ^{210}Bi / ^{211}Bi / ^{212}Bi / ^{213}Bi / ^{214}Bi / ^{218}Bi / ^{219}Bi / ^{220}Bi / ^{221}Bi / ^{222}Bi / ^{223}Bi, E=1 GeV / nucleon; measured production σ. Comparison with other data. JOUR ZAANE 42 485
	2009VI09	RADIOACTIVITY ^{211,212,212m,213,214,214m}At(α); measured Eα. JOUR PRVCA 80 054609
^{207}At	2008TAZI	NUCLEAR REACTIONS Pb(p, x), E=1, 1.4 GeV; Bi(p, x), E=1, 1.4 GeV; measured Eγ, Iγ, A(particle) using melted thick target at ISOLDE facility; ^{76,77,79,85,87,88,89,90}Kr, ^{111}Cd, ^{121,124,126}I, ^{120,121,122,123,125,127,129,131,133}Xe, ^{184,186,188,190,192,193,195,197,203,205,206}Hg, ^{204,205,206,207,208,209,210}At; deduced thick target yields temperature dependence 250-600 centigrade; calculated using FLUKA, MCNPX with INCL4 / ABLA. CONF Nice (Nucl Data for Sci and Technol) Proc,P1069
^{207}Fr	2009PA49	NUCLEAR REACTIONS ^{238}U(p, X)^{122}Cs / ^{123}Cs / ^{124}Cs / ^{125}Cs / ^{126}Cs / ^{127}Cs / ^{128}Cs / ^{129}Cs / ^{130}Cs / ^{132}Cs / ^{138}Cs / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{143}Cs / ^{144}Cs / ^{145}Cs / ^{146}Cs / ^{147}Cs / ^{148}Cs / ^{202}Fr / ^{203}Fr / ^{204}Fr / ^{205}Fr / ^{206}Fr / ^{207}Fr / ^{208}Fr / ^{209}Fr / ^{210}Fr / ^{211}Fr / ^{212}Fr / ^{213}Fr / ^{214}Fr / ^{218}Fr / ^{219}Fr / ^{220}Fr / ^{221}Fr / ^{222}Fr / ^{223}Fr / ^{224}Fr / ^{225}Fr / ^{226}Fr / ^{227}Fr / ^{228}Fr, E=1 GeV; measured fission and spallation yields from different mass targets; deduced effect of target size. JOUR ZAANE 42 495

A=208

^{208}Au	2010AL24	NUCLEAR REACTIONS ^{9}Be(^{238}U, X), E=1 GeV / nucleon; measured fragment residues using a high resolution magnetic spectrometer Fragment Separator, σ, yields. ^{203,204,205}Pt, ^{207,208,209,210}Au, ^{210,211,212,213,214,215,216}Hg, ^{210,211,212,213,214,215,216,217}Tl, ^{214,215,216,217,218,219,220}Pb, ^{217,218,219,220,221,222,223,224}Bi, ^{220,221,222,223,224,225,226,227}Po, ^{222,223,224,225,226,227,228,229}At, ^{225,226,227,228,229,230,231}Rn, ^{228,229,230,232,232,233}Fr; deduced yields, production σ. Comparisons of σ with the predictions obtained using the computer codes COFRA and EPAX. JOUR PRVCA 82 041602
^{208}Hg	2009AL29	NUCLEAR REACTIONS ^{9}Be(^{238}U, X)^{206}Hg / ^{208}Hg / ^{209}Tl, E=1 GeV / nucleon; measured Eγ, Iγ, delayed γ, (particle)γ-coin, and half-lives using RISING array at GSI facility. ^{208}Hg, ^{209}Tl; deduced levels, J, π, isomers, and B(E2). Systematics of energies of first 2+ and 4+ states in even-even nuclei with Z=74-90, and N=112-138. Comparison with shell-model calculations. JOUR PRVCA 80 061302
^{208}Pb	2008AZZZ	NUCLEAR REACTIONS ^{208}Pb(^{70}Ni, ^{70}Ni'), (^{74}Zn, ^{74}Zn'), (^{76}Ge, ^{76}Ge'), E=60 MeV / nucleon; measured Eγ, Iγ, reaction products; ^{70}Ni, ^{74}Zn, ^{76}Ge; deduced level energies, J, π, σ, B(E2). CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P39,Azaiez

A=208 ***(continued)***

2008DOZU NUCLEAR REACTIONS ^{204,206,207}Pb, ^{209}Bi(n, γ), E≈4-50 keV; measured Eγ, Iγ; deduced σ; s-process abundances. Compared to older data. CONF Nice (Nucl Data for Sci and Technol) Proc,P1311

2008GOZT NUCLEAR REACTIONS ^{208}Pb(p, p'), E=11-18 MeV; measured reaction products;^{209}Bi; deduced isobaric analog resonance states, σ, configuration mixing. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P547,Gomez

2008OHZT NUCLEAR REACTIONS ^{12}C, ^{89}Y, ^{208}Pb(n, n), E=96 MeV; measured En, In(θ); deduced d$\sigma(\theta)$; calculated d$\sigma(\theta)$ using different models. ^{12}C(n, n) dσ compared also to ^{12}C(p, p). CONF Nice (Nucl Data for Sci and Technol) Proc,P1023

2008VOZV NUCLEAR REACTIONS ^{208}Pb(p, p'), E=295 MeV; measured reaction products;deduced $\sigma(\theta)$, $\sigma(\theta$, E), B(E1). CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P335,Von Neumann-

2009AL32 NUCLEAR REACTIONS ^{9}Be(^{238}U, X)^{196}Pb / ^{197}Pb / ^{198}Pb / ^{199}Pb / ^{200}Pb / ^{201}Pb / ^{202}Pb / ^{203}Pb / ^{204}Pb / ^{205}Pb / ^{206}Pb / ^{207}Pb / ^{208}Pb / ^{209}Pb / ^{210}Pb / ^{214}Pb / ^{215}Pb / ^{216}Pb / ^{217}Pb / ^{218}Pb / ^{219}Pb / ^{199}Bi / ^{200}Bi / ^{201}Bi / ^{202}Bi / ^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi / ^{207}Bi / ^{208}Bi / ^{209}Bi / ^{210}Bi / ^{211}Bi / ^{212}Bi / ^{213}Bi / ^{214}Bi / ^{218}Bi / ^{219}Bi / ^{220}Bi / ^{221}Bi / ^{222}Bi / ^{223}Bi, E=1 GeV / nucleon; measured production σ. Comparison with other data. JOUR ZAANE 42 485

2009FRZX NUCLEAR REACTIONS ^{206,207,208}Pb(γ, γ'), E=4.8, 5.5 MeV; measured Eγ, I$\gamma(\theta)$ with polarized incident beam using HIγS γ-source at DFELL; deduced coupling of ν hole in ^{207}Pb to 1^- collective ^{208}Pb state. CONF Cologne (Capture Gamma-Ray Spectroscopy) Proc,P591,Fritzsche

2009GAZW NUCLEAR REACTIONS ^{150}Nd(α, 2n), E=22.8 MeV; measured non-yrast Eγ, Iγ, $\gamma\gamma$-coin.; ^{208}Pb(^{152}Sm, ^{152}Sm'), E=652 MeV; measured Coulomb excitation Eγ, Iγ, $\gamma\gamma$-coin.; ^{152}Sm(n, n'γ), E=1.2-3.0 MeV; measured Eγ, Iγ; ^{152}Sm(n, n'γ), E=2.05, 2.7 MeV; measured Eγ, Iγ, $\theta(\gamma)$; ^{152}Sm(n, n'γ), E=3.2 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin.; deduced σ, d$\sigma(\theta)$, E, J, π, B(E2), bands, decay schemes. CONF Cologne (Capture Gamma-Ray Spectroscopy) Proc,P391,Garrett

2009MA70 NUCLEAR REACTIONS ^{13}C(α, γ), (α, n), E=2.000, 2.270 MeV; measured Eγ, Iγ, $\gamma(\theta)$, En, σ, and $\sigma(\theta)$; deduced astrophysical S factors. Comparison with previous experimental data. ^{27}Al, ^{127}I, ^{206,207,208}Pb(n, n'), E=3.5-4.4 MeV; ^{127}I(n, γ), E=10.1-11.3 MeV; measured Eγ. JOUR PRVCA 80 065802

2009VOZY NUCLEAR REACTIONS ^{208}Pb(p, p')E=295 MeV, polarized protons; measured Ep, Ip at 0 degrees; deduced $\sigma(\theta)$, B(E1) strengths. Compared to calculated strengths using QPM and to (γ, γ') reaction data. CONF Cologne (Capture Gamma-Ray Spectroscopy) Proc,P404,von Neumann-Co

2010COO2 NUCLEAR REACTIONS ^{197}Au, ^{151}Sm, Pb, ^{204,206,207,208}Pb, ^{209}Bi, ^{139}La, ^{232}Th, ^{24,25,26}Mg, ^{90,91,92,93,94,95,96}Zr, ^{186,187,188}Os, ^{233,234,235,236,238}U, ^{237}Np, ^{240}Pu, ^{241,243}Am, ^{245}Cm(n, γ), E=0.001-1 MeV; measured Eγ, Iγ, fission fragments; deduced σ. JOUR ARISE 68 643

A=208 ***(continued)***

2010EL05 NUCLEAR REACTIONS ^{1}H(^{21}N, ^{21}N'), (^{21}N, X), E=52.0 MeV; ^{208}Pb(^{21}N, ^{21}N'), (^{21}N, X), E=48.1 MeV, [secondary ^{21}N beam from ^{181}Ta(^{40}Ar, X), E=63 MeV / nucleon primary reaction]; measured particle spectra, Eγ, Iγ, $\gamma\gamma$-coin, cross sections. ^{19,21}N; deduced levels, B(E2). GEANT4 simulation of γ-ray spectra. JOUR PRVCA 82 027305

2010EV01 NUCLEAR REACTIONS ^{208}Pb(^{16}O, X), E(cm)=50-75 MeV; measured particle spectra. ^{208}Pb; deduced excitation function of octupole vibrational state at 2.615 MeV; analyzed earlier quasielastic scattering excitation function data, and coulomb nuclear nuclear interface (CNI) using coupled-channel calculations. JOUR PRVCA 81 014602

2010HE08 NUCLEAR REACTIONS ^{208}Pb(p, p'), E=14.8-18.2 MeV; measured Ep, Ip, σ, excitation functions and $\sigma(\theta)$ via isobaric analog resonances (IAR) in ^{209}Bi. Proton spectra fitted by GASPAN analysis. ^{209}Bi; deduced s.p. width, total width, resonance energy for isobaric analog resonance $j_{15/2}$. ^{207}Pb(d, p), E=22 MeV; analyzed proton spectra; deduced σ. ^{208}Pb; deduced levels, J, π, l-transfers, particle-hole configurations, spectroscopic factors. Comparison with shell-model calculations. JOUR PRVCA 82 014316

2010HE13 NUCLEAR REACTIONS ^{208}Pb(p, p'), E=14.82-18.08 MeV; measured Ep, Ip(θ), $\sigma(\theta)$, excitation functions via isobaric analog resonances (IAR) in ^{209}Bi. ^{208}Pb; deduced levels, J, π, configurations, spectroscopic factors. Comparison with shell-model calculations. JOUR ZAANE 44 233

2010JI07 NUCLEAR REACTIONS ^{152,154}Sm, ^{184}W, ^{196}Pt, ^{208}Pb(^{16}O, ^{16}O'), E(cm)=35-70 MeV; measured $\sigma(\theta$=175°); calculated σ using CC and single-channel formalisms; deduced nuclear potential diffuseness parameters. JOUR NUPAB 834 189c

2010JI11 NUCLEAR REACTIONS ^{208}Pb(^{9}Be, ^{9}Be), E=23.9-44.0 MeV; measured particle-spectra, σ(E) for quasielastic scattering; deduced barrier distribution. Comparison with coupled-channel model calculations. JOUR PRVCA 82 027602

2010KA23 NUCLEAR REACTIONS ^{90}Zr(^{6}Li, X), ^{165}Ho, ^{208}Pb(^{7}Li, X), ^{208}Pb(^{9}Be, X), E not given; calculated fusion, breakup σ. ^{208}Pb(^{7}Li, ^{7}Li), E=27 MeV; measured reaction products; deduced $\sigma(\theta)$, breakup polarization potential; ^{208}Pb(^{7}Li, ^{7}Li), E=33 MeV; calculated $\sigma(\theta)$. ^{208}Pb(^{7}Li, ^{7}Li), E≈18-27 MeV; deduced dipole polarizability; calculated $\sigma(\theta$=backward). Discussed reaction mechanism features. JOUR NUPAB 834 155c

2010PAZZ NUCLEAR REACTIONS ^{58}Ni, ^{124}Sn, ^{208}Pb(d, d'), E=3.5-7.3 MeV; measured $\sigma(\theta)$. Tandem. CONF St.-Petersburg,P136,Pavlenko

2010SC11 NUCLEAR REACTIONS ^{208}Pb(γ, γ'), E=9-15 MeV; measured Eγ, Iγ, $\gamma(\theta)$, linear polarization, integrated cross sections. ^{208}Pb; deduced levels, J, π, widths, B(E1). Comparison with shell model and QRPA calculations. JOUR PRVCA 81 054315

2010SE03 NUCLEAR REACTIONS ^{207,208}Pb, Pb(n, γ), E=20, 41, 74 keV; measured neutron TOF, Eγ, Iγ; deduced σ. JOUR NIMAE 618 153

A=208 ***(continued)***

	2010SI15	NUCLEAR REACTIONS ^{208}Pb(^{17}F, ^{17}F), (^{17}F, ^{16}O), E=86 MeV; measured E(fragment), I(fragment), Ep, Ip, p(fragment)-coin, σ, $\sigma(\theta)$. DWBA analysis. Comparison with optical model, data and systematics. Secondary radioactive beam. JOUR ZAANE 44 63
	2010YU02	NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(^{9}Be, ^{9}Be), E=37-50 MeV; measured reaction products; deduced $\sigma(\theta)$, optical potential parameters. JOUR JPGPE 37 075108
	2010ZE06	NUCLEAR REACTIONS ^{58}Ni, ^{204,206,208}Pb(polarized p, p), E=295 MeV; measured proton spectra, $\sigma(\theta)$ and analyzing powers; deduced neutron and proton densities, neutron skin thickness and rms radii using model-independent sum-of-Gaussians distributions. Comparison with relativistic impulse approximation (RIA) for ^{58}Ni data and with RIA and Murdock and Horowitz (MH) model calculations for Pb nuclei. JOUR PRVCA 82 044611
^{208}Bi	2009AL32	NUCLEAR REACTIONS ^{9}Be(^{238}U, X)^{196}Pb / ^{197}Pb / ^{198}Pb / ^{199}Pb / ^{200}Pb / ^{201}Pb / ^{202}Pb / ^{203}Pb / ^{204}Pb / ^{205}Pb / ^{206}Pb / ^{207}Pb / ^{208}Pb / ^{209}Pb / ^{210}Pb / ^{214}Pb / ^{215}Pb / ^{216}Pb / ^{217}Pb / ^{218}Pb / ^{219}Pb / ^{199}Bi / ^{200}Bi / ^{201}Bi / ^{202}Bi / ^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi / ^{207}Bi / ^{208}Bi / ^{209}Bi / ^{210}Bi / ^{211}Bi / ^{212}Bi / ^{213}Bi / ^{214}Bi / ^{218}Bi / ^{219}Bi / ^{220}Bi / ^{221}Bi / ^{222}Bi / ^{223}Bi, E=1 GeV / nucleon; measured production σ. Comparison with other data. JOUR ZAANE 42 485
	2009VI09	RADIOACTIVITY ^{211,212,212m,213,214,214m}At(α); measured Eα. JOUR PRVCA 80 054609
	2010TA22	NUCLEAR REACTIONS ^{248}Cm(^{209}Bi, ^{210}Bi)^{247}Cm, E=1450 MeV; ^{250}Cm(^{209}Bi, ^{208}Bi)^{249}Cm, E=1450 MeV; ^{249}Cf(^{207}Pb, ^{207}Pb'), E=1430 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin using Gammasphere array. ^{247,249}Cm, ^{249}Cf; deduced levels, J, π, (g_K-g_R) / Q_0, alignments, Nilsson configurations, and rotational bands. ^{197}Au, ^{207}Pb, ^{208}Bi, ^{210}Bi; measured Eγ. Systematics of alignments for ^{244}Pu, ^{246}Cm, ^{248}Cf, ^{250}Fm and ^{252}No, Comparison with Woods-Saxon cranking calculations. JOUR PRVCA 82 041301
	2010ZH22	NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(p, n), E=8-11 MeV; measured En, In; deduced nuclear level densities in ^{208}Bi, ^{209}Po, $\sigma(\theta)$. Hauser-Feshbach statistical theory. JOUR PANUE 73 1111
^{208}At	2008TAZI	NUCLEAR REACTIONS Pb(p, x), E=1, 1.4 GeV; Bi(p, x), E=1, 1.4 GeV; measured Eγ, Iγ, A(particle) using melted thick target at ISOLDE facility; ^{76,77,79,85,87,88,89,90}Kr, ^{111}Cd, ^{121,124,126}I, ^{120,121,122,123,125,127,129,131,133}Xe, ^{184,186,188,190,192,193,195,197,203,205,206}Hg, ^{204,205,206,207,208,209,210}At; deduced thick target yields temperature dependence 250-600 centigrade; calculated using FLUKA, MCNPX with INCL4 / ABLA. CONF Nice (Nucl Data for Sci and Technol) Proc,P1069
^{208}Rn	2010KA29	NUCLEAR REACTIONS ^{197}Au(^{16}O, xn)^{208}Fr / ^{209}Fr / ^{210}Fr, E=88, 94, 100 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, evaporation residue yields, $T_{1/2}$ using INGA array. ^{208}Fr; deduced energy levels, J, π, $T_{1/2}$, DCO ratios. ^{204}Po, ^{206}At, ^{208}Rn; deduced levels $T_{1/2}$. Comparison with other data. JOUR NUPAB 842 1

A=208 *(continued)*

^{208}Fr	2009PA49	NUCLEAR REACTIONS ^{238}U(p, X)^{122}Cs / ^{123}Cs / ^{124}Cs / ^{125}Cs / ^{126}Cs / ^{127}Cs / ^{128}Cs / ^{129}Cs / ^{130}Cs / ^{132}Cs / ^{138}Cs / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{143}Cs / ^{144}Cs / ^{145}Cs / ^{146}Cs / ^{147}Cs / ^{148}Cs / ^{202}Fr / ^{203}Fr / ^{204}Fr / ^{205}Fr / ^{206}Fr / ^{207}Fr / ^{208}Fr / ^{209}Fr / ^{210}Fr / ^{211}Fr / ^{212}Fr / ^{213}Fr / ^{214}Fr / ^{218}Fr / ^{219}Fr / ^{220}Fr / ^{221}Fr / ^{222}Fr / ^{223}Fr / ^{224}Fr / ^{225}Fr / ^{226}Fr / ^{227}Fr / ^{228}Fr, E=1 GeV; measured fission and spallation yields from different mass targets; deduced effect of target size. JOUR ZAANE 42 495
	2010KA29	NUCLEAR REACTIONS ^{197}Au(^{16}O, xn)^{208}Fr / ^{209}Fr / ^{210}Fr, E=88, 94, 100 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, evaporation residue yields, $T_{1/2}$ using INGA array. ^{208}Fr; deduced energy levels, J, π, $T_{1/2}$, DCO ratios. ^{204}Po, ^{206}At, ^{208}Rn; deduced levels $T_{1/2}$. Comparison with other data. JOUR NUPAB 842 1

A=209

^{209}Au	2010AL24	NUCLEAR REACTIONS ^{9}Be(^{238}U, X), E=1 GeV / nucleon; measured fragment residues using a high resolution magnetic spectrometer Fragment Separator, σ, yields. ^{203,204,205}Pt, ^{207,208,209,210}Au, ^{210,211,212,213,214,215,216}Hg, ^{210,211,212,213,214,215,216,217}Tl, ^{214,215,216,217,218,219,220}Pb, ^{217,218,219,220,221,222,223,224}Bi, ^{220,221,222,223,224,225,226,227}Po, ^{222,223,224,225,226,227,228,229}At, ^{225,226,227,228,229,230,231}Rn, ^{228,229,230,232,232,233}Fr; deduced yields, production σ. Comparisons of σ with the predictions obtained using the computer codes COFRA and EPAX. JOUR PRVCA 82 041602
^{209}Tl	2009AL29	NUCLEAR REACTIONS ^{9}Be(^{238}U, X)^{206}Hg / ^{208}Hg / ^{209}Tl, E=1 GeV / nucleon; measured Eγ, Iγ, delayed γ, (particle)γ-coin, and half-lives using RISING array at GSI facility. ^{208}Hg, ^{209}Tl; deduced levels, J, π, isomers, and B(E2). Systematics of energies of first 2+ and 4+ states in even-even nuclei with Z=74-90, and N=112-138. Comparison with shell-model calculations. JOUR PRVCA 80 061302
^{209}Pb	2009AL32	NUCLEAR REACTIONS ^{9}Be(^{238}U, X)^{196}Pb / ^{197}Pb / ^{198}Pb / ^{199}Pb / ^{200}Pb / ^{201}Pb / ^{202}Pb / ^{203}Pb / ^{204}Pb / ^{205}Pb / ^{206}Pb / ^{207}Pb / ^{208}Pb / ^{209}Pb / ^{210}Pb / ^{214}Pb / ^{215}Pb / ^{216}Pb / ^{217}Pb / ^{218}Pb / ^{219}Pb / ^{199}Bi / ^{200}Bi / ^{201}Bi / ^{202}Bi / ^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi / ^{207}Bi / ^{208}Bi / ^{209}Bi / ^{210}Bi / ^{211}Bi / ^{212}Bi / ^{213}Bi / ^{214}Bi / ^{218}Bi / ^{219}Bi / ^{220}Bi / ^{221}Bi / ^{222}Bi / ^{223}Bi, E=1 GeV / nucleon; measured production σ. Comparison with other data. JOUR ZAANE 42 485
	2010CO02	NUCLEAR REACTIONS ^{197}Au, ^{151}Sm, Pb, ^{204,206,207,208}Pb, ^{209}Bi, ^{139}La, ^{232}Th, ^{24,25,26}Mg, ^{90,91,92,93,94,95,96}Zr, ^{186,187,188}Os, ^{233,234,235,236,238}U, ^{237}Np, ^{240}Pu, ^{241,243}Am, ^{245}Cm(n, γ), E=0.001-1 MeV; measured Eγ, Iγ, fission fragments; deduced σ. JOUR ARISE 68 643
	2010SE03	NUCLEAR REACTIONS ^{207,208}Pb, Pb(n, γ), E=20, 41, 74 keV; measured neutron TOF, Eγ, Iγ; deduced σ. JOUR NIMAE 618 153

A=209 ***(continued)***

^{209}Bi	2008GOZT	NUCLEAR REACTIONS ^{208}Pb(p, p'), E=11-18 MeV; measured reaction products;^{209}Bi; deduced isobaric analog resonance states, σ, configuration mixing. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P547,Gomez
	2009AL32	NUCLEAR REACTIONS ^{9}Be(^{238}U, X)^{196}Pb / ^{197}Pb / ^{198}Pb / ^{199}Pb / ^{200}Pb / ^{201}Pb / ^{202}Pb / ^{203}Pb / ^{204}Pb / ^{205}Pb / ^{206}Pb / ^{207}Pb / ^{208}Pb / ^{209}Pb / ^{210}Pb / ^{214}Pb / ^{215}Pb / ^{216}Pb / ^{217}Pb / ^{218}Pb / ^{219}Pb / ^{199}Bi / ^{200}Bi / ^{201}Bi / ^{202}Bi / ^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi / ^{207}Bi / ^{208}Bi / ^{209}Bi / ^{210}Bi / ^{211}Bi / ^{212}Bi / ^{213}Bi / ^{214}Bi / ^{218}Bi / ^{219}Bi / ^{220}Bi / ^{221}Bi / ^{222}Bi / ^{223}Bi, E=1 GeV / nucleon; measured production σ. Comparison with other data. JOUR ZAANE 42 485
	2009HEZW	NUCLEAR REACTIONS ^{209}Bi(γ, γ'), E=11-30 MeV; measured Eγ, I$\gamma(\theta)$ using polarized γ; deduced yields, asymmetry, IVGDR. REPT TUNL-XLVIII,P95,Henshaw
	2009TOZX	NUCLEAR REACTIONS ^{208}Pb(^{31}Cl, ^{30}S), E not given; measured E(particle), θ(particle), Ep, Ip(θ), Eγ, Iγ, (particle)θ-coin. Analysis in progress. REPT RIKEN 2008 Annual,P11,Togano
	2009VI09	RADIOACTIVITY ^{211,212,212m,213,214,214m}At(α); measured Eα. JOUR PRVCA 80 054609
	2010HE08	NUCLEAR REACTIONS ^{208}Pb(p, p'), E=14.8-18.2 MeV; measured Ep, Ip, σ, excitation functions and $\sigma(\theta)$ via isobaric analog resonances (IAR) in ^{209}Bi. Proton spectra fitted by GASPAN analysis. ^{209}Bi; deduced s.p. width, total width, resonance energy for isobaric analog resonance $j_{15/2}$. ^{207}Pb(d, p), E=22 MeV; analyzed proton spectra; deduced σ. ^{208}Pb; deduced levels, J, π, l-transfers, particle-hole configurations, spectroscopic factors. Comparison with shell-model calculations. JOUR PRVCA 82 014316
	2010SA19	NUCLEAR REACTIONS ^{209}Bi(^{6}Li, α), (^{6}Li, d), E=36, 40 MeV; measured Eα, I$\alpha(\theta)$, Ed, Id(θ), dα-coin; deduced $\sigma(\theta)$. ^{209}Bi(^{6}Li, ^{6}Li), E=36, 40 MeV; measured $\sigma(\theta)$. Comparison with CDCC calculations. Sequential breakup via resonant state. JOUR NUPAB 834 186c
	2010SI15	NUCLEAR REACTIONS ^{208}Pb(^{17}F, ^{17}F), (^{17}F, ^{16}O), E=86 MeV; measured E(fragment), I(fragment), Ep, Ip, p(fragment)-coin, σ, $\sigma(\theta)$. DWBA analysis. Comparison with optical model, data and systematics. Secondary radioactive beam. JOUR ZAANE 44 63
	2010YU02	NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(^{9}Be, ^{9}Be), E=37-50 MeV; measured reaction products; deduced $\sigma(\theta)$, optical potential parameters. JOUR JPGPE 37 075108
	2010ZH34	NUCLEAR REACTIONS ^{209}Bi(n, n), (n, n')E=37 MeV, [neutrons produced in ^{3}H(d, n)]; measured neutron spectra, cross sections, $\sigma(\theta)$, TOF method. Optical model analysis of $\sigma(\theta)$ data. Optical-model (OM) + DWBA calculations with weak particle-core coupling for computing (n, n) and (n, n') cross sections. JOUR PRVCA 82 024601
^{209}Po	2010ZH22	NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(p, n), E=8-11 MeV; measured En, In; deduced nuclear level densities in ^{208}Bi, ^{209}Po, $\sigma(\theta)$. Hauser-Feshbach statistical theory. JOUR PANUE 73 1111

A=209 *(continued)*

^{209}At	2008TAZI	NUCLEAR REACTIONS Pb(p, x), E=1, 1.4 GeV; Bi(p, x), E=1, 1.4 GeV; measured Eγ, Iγ, A(particle) using melted thick target at ISOLDE facility; ^{76,77,79,85,87,88,89,90}Kr, ^{111}Cd, ^{121,124,126}I, ^{120,121,122,123,125,127,129,131,133}Xe, ^{184,186,188,190,192,193,195,197,203,205,206}Hg, ^{204,205,206,207,208,209,210}At; deduced thick target yields temperature dependence 250-600 centigrade; calculated using FLUKA, MCNPX with INCL4 / ABLA. CONF Nice (Nucl Data for Sci and Technol) Proc,P1069
^{209}Rn	2010WI07	RADIOACTIVITY ^{21}Na, ^{213}Ra(EC), ^{225}Ra(β^-), ^{213}Ra(α); measured recoiling ion in coincidence with β-particle, hfs; deduced correlation parameters, hyperfine splitting, transition fluorescence. JOUR PRAMC 75 163
^{209}Fr	2009PA49	NUCLEAR REACTIONS ^{238}U(p, X)^{122}Cs / ^{123}Cs / ^{124}Cs / ^{125}Cs / ^{126}Cs / ^{127}Cs / ^{128}Cs / ^{129}Cs / ^{130}Cs / ^{132}Cs / ^{138}Cs / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{143}Cs / ^{144}Cs / ^{145}Cs / ^{146}Cs / ^{147}Cs / ^{148}Cs / ^{202}Fr / ^{203}Fr / ^{204}Fr / ^{205}Fr / ^{206}Fr / ^{207}Fr / ^{208}Fr / ^{209}Fr / ^{210}Fr / ^{211}Fr / ^{212}Fr / ^{213}Fr / ^{214}Fr / ^{218}Fr / ^{219}Fr / ^{220}Fr / ^{221}Fr / ^{222}Fr / ^{223}Fr / ^{224}Fr / ^{225}Fr / ^{226}Fr / ^{227}Fr / ^{228}Fr, E=1 GeV; measured fission and spallation yields from different mass targets; deduced effect of target size. JOUR ZAANE 42 495
	2010KA29	NUCLEAR REACTIONS ^{197}Au(^{16}O, xn)^{208}Fr / ^{209}Fr / ^{210}Fr, E=88, 94, 100 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, evaporation residue yields, $T_{1/2}$ using INGA array. ^{208}Fr; deduced energy levels, J, π, $T_{1/2}$, DCO ratios. ^{204}Po, ^{206}At, ^{208}Rn; deduced levels $T_{1/2}$. Comparison with other data. JOUR NUPAB 842 1

A=210

^{210}Au	2010AL24	NUCLEAR REACTIONS ^{9}Be(^{238}U, X), E=1 GeV / nucleon; measured fragment residues using a high resolution magnetic spectrometer Fragment Separator, σ, yields. ^{203,204,205}Pt, ^{207,208,209,210}Au, ^{210,211,212,213,214,215,216}Hg, ^{210,211,212,213,214,215,216,217}Tl, ^{214,215,216,217,218,219,220}Pb, ^{217,218,219,220,221,222,223,224}Bi, ^{220,221,222,223,224,225,226,227}Po, ^{222,223,224,225,226,227,228,229}At, ^{225,226,227,228,229,230,231}Rn, ^{228,229,230,232,232,233}Fr; deduced yields, production σ. Comparisons of σ with the predictions obtained using the computer codes COFRA and EPAX. JOUR PRVCA 82 041602
^{210}Hg	2010AL24	NUCLEAR REACTIONS ^{9}Be(^{238}U, X), E=1 GeV / nucleon; measured fragment residues using a high resolution magnetic spectrometer Fragment Separator, σ, yields. ^{203,204,205}Pt, ^{207,208,209,210}Au, ^{210,211,212,213,214,215,216}Hg, ^{210,211,212,213,214,215,216,217}Tl, ^{214,215,216,217,218,219,220}Pb, ^{217,218,219,220,221,222,223,224}Bi, ^{220,221,222,223,224,225,226,227}Po, ^{222,223,224,225,226,227,228,229}At, ^{225,226,227,228,229,230,231}Rn, ^{228,229,230,232,232,233}Fr; deduced yields, production σ. Comparisons of σ with the predictions obtained using the computer codes COFRA and EPAX. JOUR PRVCA 82 041602

A=210 ***(continued)***

^{210}Tl	2010AL24	NUCLEAR REACTIONS ^{9}Be(^{238}U, X), E=1 GeV / nucleon; measured fragment residues using a high resolution magnetic spectrometer Fragment Separator, σ, yields. ^{203,204,205}Pt, ^{207,208,209,210}Au, ^{210,211,212,213,214,215,216}Hg, ^{210,211,212,213,214,215,216,217}Tl, ^{214,215,216,217,218,219,220}Pb, ^{217,218,219,220,221,222,223,224}Bi, ^{220,221,222,223,224,225,226,227}Po, ^{222,223,224,225,226,227,228,229}At, ^{225,226,227,228,229,230,231}Rn, ^{228,229,230,232,232,233}Fr; deduced yields, production σ. Comparisons of σ with the predictions obtained using the computer codes COFRA and EPAX. JOUR PRVCA 82 041602
^{210}Pb	2009AL32	NUCLEAR REACTIONS ^{9}Be(^{238}U, X)^{196}Pb / ^{197}Pb / ^{198}Pb / ^{199}Pb / ^{200}Pb / ^{201}Pb / ^{202}Pb / ^{203}Pb / ^{204}Pb / ^{205}Pb / ^{206}Pb / ^{207}Pb / ^{208}Pb / ^{209}Pb / ^{210}Pb / ^{214}Pb / ^{215}Pb / ^{216}Pb / ^{217}Pb / ^{218}Pb / ^{219}Pb / ^{199}Bi / ^{200}Bi / ^{201}Bi / ^{202}Bi / ^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi / ^{207}Bi / ^{208}Bi / ^{209}Bi / ^{210}Bi / ^{211}Bi / ^{212}Bi / ^{213}Bi / ^{214}Bi / ^{218}Bi / ^{219}Bi / ^{220}Bi / ^{221}Bi / ^{222}Bi / ^{223}Bi, E=1 GeV / nucleon; measured production σ. Comparison with other data. JOUR ZAANE 42 485
	2009MO37	RADIOACTIVITY ^{231}Pa, ^{230}U, ^{226,227}Th, ^{222,223}Ra, ^{218,219}Rn, ^{214,215}Po, ^{211}Bi(α); measured Eα. JOUR PRVCA 80 054612
^{210}Bi	2008BIZV	NUCLEAR REACTIONS ^{209}Bi(n, γ), E=low; measured Eα, Iα; deduced σ. CONF Nice (Nucl Data for Sci and Technol) Proc,P1333
	2008BOZM	NUCLEAR REACTIONS ^{209}Bi(n, γ), E≈0.8-7 keV; measured Eγ, Iγ; deduced ^{210g}Bi / ^{210m}Bi branching ratio around neutron resonances. Compared to other data. CONF Nice (Nucl Data for Sci and Technol) Proc,P563
	2008DOZU	NUCLEAR REACTIONS ^{204,206,207}Pb, ^{209}Bi(n, γ), E≈4-50 keV; measured Eγ, Iγ; deduced σ; s-process abundances. Compared to older data. CONF Nice (Nucl Data for Sci and Technol) Proc,P1311
	2009AL32	NUCLEAR REACTIONS ^{9}Be(^{238}U, X)^{196}Pb / ^{197}Pb / ^{198}Pb / ^{199}Pb / ^{200}Pb / ^{201}Pb / ^{202}Pb / ^{203}Pb / ^{204}Pb / ^{205}Pb / ^{206}Pb / ^{207}Pb / ^{208}Pb / ^{209}Pb / ^{210}Pb / ^{214}Pb / ^{215}Pb / ^{216}Pb / ^{217}Pb / ^{218}Pb / ^{219}Pb / ^{199}Bi / ^{200}Bi / ^{201}Bi / ^{202}Bi / ^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi / ^{207}Bi / ^{208}Bi / ^{209}Bi / ^{210}Bi / ^{211}Bi / ^{212}Bi / ^{213}Bi / ^{214}Bi / ^{218}Bi / ^{219}Bi / ^{220}Bi / ^{221}Bi / ^{222}Bi / ^{223}Bi, E=1 GeV / nucleon; measured production σ. Comparison with other data. JOUR ZAANE 42 485
	2009VI09	RADIOACTIVITY ^{211,212,212m,213,214,214m}At(α); measured Eα. JOUR PRVCA 80 054609
	2010CO02	NUCLEAR REACTIONS ^{197}Au, ^{151}Sm, Pb, ^{204,206,207,208}Pb, ^{209}Bi, ^{139}La, ^{232}Th, ^{24,25,26}Mg, ^{90,91,92,93,94,95,96}Zr, ^{186,187,188}Os, ^{233,234,235,236,238}U, ^{237}Np, ^{240}Pu, ^{241,243}Am, ^{245}Cm(n, γ), E=0.001-1 MeV; measured Eγ, Iγ, fission fragments; deduced σ. JOUR ARISE 68 643
	2010LUZY	RADIOACTIVITY ^{210}Bi(β^-) [from ^{210}Pb(β^-)]; measured β^- spectrum. Deduced β^- spectrum shape factor. CONF St.-Petersburg,P97,Lubashevskiy

A=210 ***(continued)***

	2010TA22	NUCLEAR REACTIONS ^{248}Cm(^{209}Bi, ^{210}Bi)^{247}Cm, E=1450 MeV; ^{250}Cm(^{209}Bi, ^{208}Bi)^{249}Cm, E=1450 MeV; ^{249}Cf(^{207}Pb, ^{207}Pb'), E=1430 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin using Gammasphere array. ^{247,249}Cm, ^{249}Cf; deduced levels, J, π, (g_K-g_R) / Q_0, alignments, Nilsson configurations, and rotational bands. ^{197}Au, ^{207}Pb, ^{208}Bi, ^{210}Bi; measured Eγ. Systematics of alignments for ^{244}Pu, ^{246}Cm, ^{248}Cf, ^{250}Fm and ^{252}No, Comparison with Woods-Saxon cranking calculations. JOUR PRVCA 82 041301
^{210}Po	2008BIZV	RADIOACTIVITY ^{210}Po(α)[from ^{209}Bi(n, γ)], ^{211}Po(α); measured Eα, Iα; deduced abundance contributions for the s-process at kT=30 keV. CONF Nice (Nucl Data for Sci and Technol) Proc,P1333
	2008BOZJ	RADIOACTIVITY ^{210}Po(α); measured Eγ, Iγ, Eα, Iα; deduced differential γ-emission probabilities. Comparison with model calculations of bremsstrahlung. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P523,Boie
	2010LUZY	RADIOACTIVITY ^{210}Bi(β^-) [from ^{210}Pb(β^-)]; measured β^- spectrum. Deduced β^- spectrum shape factor. CONF St.-Petersburg,P97,Lubashevskiy
^{210}At	2008TAZI	NUCLEAR REACTIONS Pb(p, x), E=1, 1.4 GeV; Bi(p, x), E=1, 1.4 GeV; measured Eγ, Iγ, A(particle) using melted thick target at ISOLDE facility; ^{76,77,79,85,87,88,89,90}Kr, ^{111}Cd, ^{121,124,126}I, ^{120,121,122,123,125,127,129,131,133}Xe, ^{184,186,188,190,192,193,195,197,203,205,206}Hg, ^{204,205,206,207,208,209,210}At; deduced thick target yields temperature dependence 250-600 centigrade; calculated using FLUKA, MCNPX with INCL4 / ABLA. CONF Nice (Nucl Data for Sci and Technol) Proc,P1069
^{210}Rn	2010PR05	NUCLEAR REACTIONS ^{186}W(^{24}Mg, X)^{210}Rn, E=111-125 MeV; ^{194}Pt(^{16}O, X)^{210}Rn, E=75-102 MeV; measured fission fragment mass ratio distributions and mass ratio widths. Comparison with coupled-channel calculations. JOUR PRVCA 81 054608
^{210}Fr	2009PA49	NUCLEAR REACTIONS ^{238}U(p, X)^{122}Cs / ^{123}Cs / ^{124}Cs / ^{125}Cs / ^{126}Cs / ^{127}Cs / ^{128}Cs / ^{129}Cs / ^{130}Cs / ^{132}Cs / ^{138}Cs / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{143}Cs / ^{144}Cs / ^{145}Cs / ^{146}Cs / ^{147}Cs / ^{148}Cs / ^{202}Fr / ^{203}Fr / ^{204}Fr / ^{205}Fr / ^{206}Fr / ^{207}Fr / ^{208}Fr / ^{209}Fr / ^{210}Fr / ^{211}Fr / ^{212}Fr / ^{213}Fr / ^{214}Fr / ^{218}Fr / ^{219}Fr / ^{220}Fr / ^{221}Fr / ^{222}Fr / ^{223}Fr / ^{224}Fr / ^{225}Fr / ^{226}Fr / ^{227}Fr / ^{228}Fr, E=1 GeV; measured fission and spallation yields from different mass targets; deduced effect of target size. JOUR ZAANE 42 495
	2010KA29	NUCLEAR REACTIONS ^{197}Au(^{16}O, xn)^{208}Fr / ^{209}Fr / ^{210}Fr, E=88, 94, 100 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, evaporation residue yields, $T_{1/2}$ using INGA array. ^{208}Fr; deduced energy levels, J, π, $T_{1/2}$, DCO ratios. ^{204}Po, ^{206}At, ^{208}Rn; deduced levels $T_{1/2}$. Comparison with other data. JOUR NUPAB 842 1

A=211

^{211}Hg	2010AL24	NUCLEAR REACTIONS ^{9}Be(^{238}U, X), E=1 GeV / nucleon; measured fragment residues using a high resolution magnetic spectrometer Fragment Separator, σ, yields. ^{203,204,205}Pt, ^{207,208,209,210}Au, ^{210,211,212,213,214,215,216}Hg, ^{210,211,212,213,214,215,216,217}Tl, ^{214,215,216,217,218,219,220}Pb, ^{217,218,219,220,221,222,223,224}Bi, ^{220,221,222,223,224,225,226,227}Po, ^{222,223,224,225,226,227,228,229}At, ^{225,226,227,228,229,230,231}Rn, ^{228,229,230,232,232,233}Fr; deduced yields, production σ. Comparisons of σ with the predictions obtained using the computer codes COFRA and EPAX. JOUR PRVCA 82 041602
^{211}Tl	2010AL24	NUCLEAR REACTIONS ^{9}Be(^{238}U, X), E=1 GeV / nucleon; measured fragment residues using a high resolution magnetic spectrometer Fragment Separator, σ, yields. ^{203,204,205}Pt, ^{207,208,209,210}Au, ^{210,211,212,213,214,215,216}Hg, ^{210,211,212,213,214,215,216,217}Tl, ^{214,215,216,217,218,219,220}Pb, ^{217,218,219,220,221,222,223,224}Bi, ^{220,221,222,223,224,225,226,227}Po, ^{222,223,224,225,226,227,228,229}At, ^{225,226,227,228,229,230,231}Rn, ^{228,229,230,232,232,233}Fr; deduced yields, production σ. Comparisons of σ with the predictions obtained using the computer codes COFRA and EPAX. JOUR PRVCA 82 041602
^{211}Pb	2009MO37	RADIOACTIVITY ^{231}Pa, ^{230}U, ^{226,227}Th, ^{222,223}Ra, ^{218,219}Rn, ^{214,215}Po, ^{211}Bi(α); measured Eα. JOUR PRVCA 80 054612
^{211}Bi	2009AL32	NUCLEAR REACTIONS ^{9}Be(^{238}U, X)^{196}Pb / ^{197}Pb / ^{198}Pb / ^{199}Pb / ^{200}Pb / ^{201}Pb / ^{202}Pb / ^{203}Pb / ^{204}Pb / ^{205}Pb / ^{206}Pb / ^{207}Pb / ^{208}Pb / ^{209}Pb / ^{210}Pb / ^{214}Pb / ^{215}Pb / ^{216}Pb / ^{217}Pb / ^{218}Pb / ^{219}Pb / ^{199}Bi / ^{200}Bi / ^{201}Bi / ^{202}Bi / ^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi / ^{207}Bi / ^{208}Bi / ^{209}Bi / ^{210}Bi / ^{211}Bi / ^{212}Bi / ^{213}Bi / ^{214}Bi / ^{218}Bi / ^{219}Bi / ^{220}Bi / ^{221}Bi / ^{222}Bi / ^{223}Bi, E=1 GeV / nucleon; measured production σ. Comparison with other data. JOUR ZAANE 42 485
	2009MO37	RADIOACTIVITY ^{231}Pa, ^{230}U, ^{226,227}Th, ^{222,223}Ra, ^{218,219}Rn, ^{214,215}Po, ^{211}Bi(α); measured Eα. JOUR PRVCA 80 054612
^{211}Po	2008BIZV	RADIOACTIVITY ^{210}Po(α)[from ^{209}Bi(n, γ)], ^{211}Po(α); measured Eα, Iα; deduced abundance contributions for the s-process at kT=30 keV. CONF Nice (Nucl Data for Sci and Technol) Proc,P1333
	2010HE12	NUCLEAR REACTIONS ^{207}Pb(^{64}Ni, X)^{211}Po / ^{212}At / ^{213}Rn / ^{213}Fr / ^{214}Ra, E=4.80, 5.00, 5.20, 5.40, 5.53, 5.92 MeV / nucleon; measured $\sigma(\theta)$, E(residue) using the SHIP facility. JOUR ZAANE 43 181
	2010HE14	NUCLEAR REACTIONS ^{207}Pb(^{64}Ni, X)^{211}Po / ^{212}At / ^{213}Rn / ^{213}Fr / ^{214}Ra, E=4.80, 5.00, 5.20, 5.40, 5.53, 5.92 MeV / nucleon; measured Eα, Iα, $\sigma(\theta)$, yields, fragment energy spectra (TKE) using SHIP velocity filter. ^{238}U(^{238}U, X), E=6.09, 6.49, 6.91, 7.10, 7.35 MeV / nucleon; measured $\sigma(\theta)$, mass distributions, yields, fragment energy spectra (TKE) using VAMOS spectrometer; deduced interaction times using diffusion model. JOUR NUPAB 834 362c
	2010SA19	NUCLEAR REACTIONS ^{209}Bi(^{6}Li, α), (^{6}Li, d), E=36, 40 MeV; measured Eα, I$\alpha(\theta)$, Ed, Id(θ), dα-coin; deduced $\sigma(\theta)$. ^{209}Bi(^{6}Li, ^{6}Li), E=36, 40 MeV; measured $\sigma(\theta)$. Comparison with CDCC calculations. Sequential breakup via resonant state. JOUR NUPAB 834 186c

A=211 ***(continued)***

^{211}At	2009VI09	NUCLEAR REACTIONS ^{208}Pb(^{9}Li, nx)^{211}At / ^{212}At / ^{213}At / ^{214}At, E(cm)=24.84, 27.35, 29.86, 32.36, 34.87, 37.37, 39.88, 42.38, 44.89 MeV; ^{209}Bi(^{7}Li, nx)^{212}Rn / ^{213}Rn, E(cm)=34.95 MeV; measured nuclidic yields, and fusion σ using ISAC2 facility at TRIUMF. Comparison with HVAP statistical model code and coupled-channel calculations. JOUR PRVCA 80 054609
	2009VI09	RADIOACTIVITY ^{211,212,212m,213,214,214m}At(α); measured Eα. JOUR PRVCA 80 054609
^{211}Rn	2010DA04	NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(^{9}Be, xn)^{211}Rn / ^{212}Rn / ^{213}Rn / ^{214}Rn / ^{212}Fr / ^{213}Fr / ^{214}Fr / ^{215}Fr / ^{216}Fr, E=44.0, 50.0, 60.0 MeV; measured α and fragment spectra; deduced complete fusion σ. Discussed discrepancies in previous cross section data for similar reactions. JOUR PRVCA 81 024608
^{211}Fr	2009KO35	ATOMIC MASSES ^{211,212,213}Fr, ^{211}Ra; measured masses using Penning trap at ISOLDE. JOUR ZAANE 42 351
	2009PA49	NUCLEAR REACTIONS ^{238}U(p, X)^{122}Cs / ^{123}Cs / ^{124}Cs / ^{125}Cs / ^{126}Cs / ^{127}Cs / ^{128}Cs / ^{129}Cs / ^{130}Cs / ^{132}Cs / ^{138}Cs / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{143}Cs / ^{144}Cs / ^{145}Cs / ^{146}Cs / ^{147}Cs / ^{148}Cs / ^{202}Fr / ^{203}Fr / ^{204}Fr / ^{205}Fr / ^{206}Fr / ^{207}Fr / ^{208}Fr / ^{209}Fr / ^{210}Fr / ^{211}Fr / ^{212}Fr / ^{213}Fr / ^{214}Fr / ^{218}Fr / ^{219}Fr / ^{220}Fr / ^{221}Fr / ^{222}Fr / ^{223}Fr / ^{224}Fr / ^{225}Fr / ^{226}Fr / ^{227}Fr / ^{228}Fr, E=1 GeV; measured fission and spallation yields from different mass targets; deduced effect of target size. JOUR ZAANE 42 495
^{211}Ra	2009KO35	ATOMIC MASSES ^{211,212,213}Fr, ^{211}Ra; measured masses using Penning trap at ISOLDE. JOUR ZAANE 42 351

A=212

^{212}Hg	2010AL24	NUCLEAR REACTIONS ^{9}Be(^{238}U, X), E=1 GeV / nucleon; measured fragment residues using a high resolution magnetic spectrometer Fragment Separator, σ, yields. ^{203,204,205}Pt, ^{207,208,209,210}Au, ^{210,211,212,213,214,215,216}Hg, ^{210,211,212,213,214,215,216,217}Tl, ^{214,215,216,217,218,219,220}Pb, ^{217,218,219,220,221,222,223,224}Bi, ^{220,221,222,223,224,225,226,227}Po, ^{222,223,224,225,226,227,228,229}At, ^{225,226,227,228,229,230,231}Rn, ^{228,229,230,232,232,233}Fr; deduced yields, production σ. Comparisons of σ with the predictions obtained using the computer codes COFRA and EPAX. JOUR PRVCA 82 041602
^{212}Tl	2010AL24	NUCLEAR REACTIONS ^{9}Be(^{238}U, X), E=1 GeV / nucleon; measured fragment residues using a high resolution magnetic spectrometer Fragment Separator, σ, yields. ^{203,204,205}Pt, ^{207,208,209,210}Au, ^{210,211,212,213,214,215,216}Hg, ^{210,211,212,213,214,215,216,217}Tl, ^{214,215,216,217,218,219,220}Pb, ^{217,218,219,220,221,222,223,224}Bi, ^{220,221,222,223,224,225,226,227}Po, ^{222,223,224,225,226,227,228,229}At, ^{225,226,227,228,229,230,231}Rn, ^{228,229,230,232,232,233}Fr; deduced yields, production σ. Comparisons of σ with the predictions obtained using the computer codes COFRA and EPAX. JOUR PRVCA 82 041602

A=212 ***(continued)***

^{212}Bi	2009AL32	NUCLEAR REACTIONS ^{9}Be(^{238}U, X)^{196}Pb / ^{197}Pb / ^{198}Pb / ^{199}Pb / ^{200}Pb / ^{201}Pb / ^{202}Pb / ^{203}Pb / ^{204}Pb / ^{205}Pb / ^{206}Pb / ^{207}Pb / ^{208}Pb / ^{209}Pb / ^{210}Pb / ^{214}Pb / ^{215}Pb / ^{216}Pb / ^{217}Pb / ^{218}Pb / ^{219}Pb / ^{199}Bi / ^{200}Bi / ^{201}Bi / ^{202}Bi / ^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi / ^{207}Bi / ^{208}Bi / ^{209}Bi / ^{210}Bi / ^{211}Bi / ^{212}Bi / ^{213}Bi / ^{214}Bi / ^{218}Bi / ^{219}Bi / ^{220}Bi / ^{221}Bi / ^{222}Bi / ^{223}Bi, E=1 GeV / nucleon; measured production σ. Comparison with other data. JOUR ZAANE 42 485
^{212}Po	2010AS01	NUCLEAR REACTIONS ^{208}Pb(^{18}O, ^{14}C), E=85 MeV; measured Eγ, Iγ; deduced ^{212}Po level scheme, yrast state, lifetimes, B(E1). Doppler-shift attenuation method. JOUR PRLTA 104 042701
^{212}At	2009VI09	NUCLEAR REACTIONS ^{208}Pb(^{9}Li, nx)^{211}At / ^{212}At / ^{213}At / ^{214}At, E(cm)=24.84, 27.35, 29.86, 32.36, 34.87, 37.37, 39.88, 42.38, 44.89 MeV; ^{209}Bi(^{7}Li, nx)^{212}Rn / ^{213}Rn, E(cm)=34.95 MeV; measured nuclidic yields, and fusion σ using ISAC2 facility at TRIUMF. Comparison with HVAP statistical model code and coupled-channel calculations. JOUR PRVCA 80 054609
	2009VI09	RADIOACTIVITY ^{211,212,212m,213,214,214m}At(α); measured Eα. JOUR PRVCA 80 054609
	2010HE12	NUCLEAR REACTIONS ^{207}Pb(^{64}Ni, X)^{211}Po / ^{212}At / ^{213}Rn / ^{213}Fr / ^{214}Ra, E=4.80, 5.00, 5.20, 5.40, 5.53, 5.92 MeV / nucleon; measured $\sigma(\theta)$, E(residue) using the SHIP facility. JOUR ZAANE 43 181
	2010HE14	NUCLEAR REACTIONS ^{207}Pb(^{64}Ni, X)^{211}Po / ^{212}At / ^{213}Rn / ^{213}Fr / ^{214}Ra, E=4.80, 5.00, 5.20, 5.40, 5.53, 5.92 MeV / nucleon; measured Eα, Iα, $\sigma(\theta)$, yields, fragment energy spectra (TKE) using SHIP velocity filter. ^{238}U(^{238}U, X), E=6.09, 6.49, 6.91, 7.10, 7.35 MeV / nucleon; measured $\sigma(\theta)$, mass distributions, yields, fragment energy spectra (TKE) using VAMOS spectrometer; deduced interaction times using diffusion model. JOUR NUPAB 834 362c
^{212}Rn	2009DR12	NUCLEAR REACTIONS ^{204}Hg(^{13}C, 5n), E=89 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma(\theta)$, and half-lives using CAESAR array. ^{212}Rn; deduced levels, J, π, multipolarities, transition strengths, and configurations. Comparison with semi-empirical shell model approach and deformed independent particle model (DIPM) calculations. JOUR PRVCA 80 054320
	2009VI09	NUCLEAR REACTIONS ^{208}Pb(^{9}Li, nx)^{211}At / ^{212}At / ^{213}At / ^{214}At, E(cm)=24.84, 27.35, 29.86, 32.36, 34.87, 37.37, 39.88, 42.38, 44.89 MeV; ^{209}Bi(^{7}Li, nx)^{212}Rn / ^{213}Rn, E(cm)=34.95 MeV; measured nuclidic yields, and fusion σ using ISAC2 facility at TRIUMF. Comparison with HVAP statistical model code and coupled-channel calculations. JOUR PRVCA 80 054609
	2010DA04	NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(^{9}Be, xn)^{211}Rn / ^{212}Rn / ^{213}Rn / ^{214}Rn / ^{212}Fr / ^{213}Fr / ^{214}Fr / ^{215}Fr / ^{216}Fr, E=44.0, 50.0, 60.0 MeV; measured α and fragment spectra; deduced complete fusion σ. Discussed discrepancies in previous cross section data for similar reactions. JOUR PRVCA 81 024608
^{212}Fr	2009KO35	ATOMIC MASSES ^{211,212,213}Fr, ^{211}Ra; measured masses using Penning trap at ISOLDE. JOUR ZAANE 42 351

A=212 ***(continued)***

2009PA49 NUCLEAR REACTIONS ^{238}U(p, X)^{122}Cs / ^{123}Cs / ^{124}Cs / ^{125}Cs / ^{126}Cs / ^{127}Cs / ^{128}Cs / ^{129}Cs / ^{130}Cs / ^{132}Cs / ^{138}Cs / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{143}Cs / ^{144}Cs / ^{145}Cs / ^{146}Cs / ^{147}Cs / ^{148}Cs / ^{202}Fr / ^{203}Fr / ^{204}Fr / ^{205}Fr / ^{206}Fr / ^{207}Fr / ^{208}Fr / ^{209}Fr / ^{210}Fr / ^{211}Fr / ^{212}Fr / ^{213}Fr / ^{214}Fr / ^{218}Fr / ^{219}Fr / ^{220}Fr / ^{221}Fr / ^{222}Fr / ^{223}Fr / ^{224}Fr / ^{225}Fr / ^{226}Fr / ^{227}Fr / ^{228}Fr, E=1 GeV; measured fission and spallation yields from different mass targets; deduced effect of target size. JOUR ZAANE 42 495

2010DA04 NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(^{9}Be, xn)^{211}Rn / ^{212}Rn / ^{213}Rn / ^{214}Rn / ^{212}Fr / ^{213}Fr / ^{214}Fr / ^{215}Fr / ^{216}Fr, E=44.0, 50.0, 60.0 MeV; measured α and fragment spectra; deduced complete fusion σ. Discussed discrepancies in previous cross section data for similar reactions. JOUR PRVCA 81 024608

A=213

^{213}Hg 2010AL24 NUCLEAR REACTIONS ^{9}Be(^{238}U, X), E=1 GeV / nucleon; measured fragment residues using a high resolution magnetic spectrometer Fragment Separator, σ, yields. ^{203,204,205}Pt, ^{207,208,209,210}Au, ^{210,211,212,213,214,215,216}Hg, ^{210,211,212,213,214,215,216,217}Tl, ^{214,215,216,217,218,219,220}Pb, ^{217,218,219,220,221,222,223,224}Bi, ^{220,221,222,223,224,225,226,227}Po, ^{222,223,224,225,226,227,228,229}At, ^{225,226,227,228,229,230,231}Rn, ^{228,229,230,232,232,233}Fr; deduced yields, production σ. Comparisons of σ with the predictions obtained using the computer codes COFRA and EPAX. JOUR PRVCA 82 041602

^{213}Tl 2010AL24 NUCLEAR REACTIONS ^{9}Be(^{238}U, X), E=1 GeV / nucleon; measured fragment residues using a high resolution magnetic spectrometer Fragment Separator, σ, yields. ^{203,204,205}Pt, ^{207,208,209,210}Au, ^{210,211,212,213,214,215,216}Hg, ^{210,211,212,213,214,215,216,217}Tl, ^{214,215,216,217,218,219,220}Pb, ^{217,218,219,220,221,222,223,224}Bi, ^{220,221,222,223,224,225,226,227}Po, ^{222,223,224,225,226,227,228,229}At, ^{225,226,227,228,229,230,231}Rn, ^{228,229,230,232,232,233}Fr; deduced yields, production σ. Comparisons of σ with the predictions obtained using the computer codes COFRA and EPAX. JOUR PRVCA 82 041602

2010CH19 NUCLEAR REACTIONS Be(^{238}U, X)^{236}Ac / ^{224}At / ^{222}Po / ^{221}Po / ^{213}Tl, E=670 MeV / nucleon; measured revolution frequency of the cooled fragments; deduced $T_{1/2}$. Comparison with theoretical models, Darmstadt storage-cooler ring ESR. JOUR PYLBB 691 234

2010CH19 ATOMIC MASSES ^{236}Ac, ^{224}At, ^{222}Po, ^{221}Po, ^{213}Tl; measured revolution frequency of the cooled fragments; deduced atomic masses. JOUR PYLBB 691 234

^{213}Bi 2009AL32 NUCLEAR REACTIONS ^{9}Be(^{238}U, X)^{196}Pb / ^{197}Pb / ^{198}Pb / ^{199}Pb / ^{200}Pb / ^{201}Pb / ^{202}Pb / ^{203}Pb / ^{204}Pb / ^{205}Pb / ^{206}Pb / ^{207}Pb / ^{208}Pb / ^{209}Pb / ^{210}Pb / ^{214}Pb / ^{215}Pb / ^{216}Pb / ^{217}Pb / ^{218}Pb / ^{219}Pb / ^{199}Bi / ^{200}Bi / ^{201}Bi / ^{202}Bi / ^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi / ^{207}Bi / ^{208}Bi / ^{209}Bi / ^{210}Bi / ^{211}Bi / ^{212}Bi / ^{213}Bi / ^{214}Bi / ^{218}Bi / ^{219}Bi / ^{220}Bi / ^{221}Bi / ^{222}Bi / ^{223}Bi, E=1 GeV / nucleon; measured production σ. Comparison with other data. JOUR ZAANE 42 485

A=213 ***(continued)***

^{213}At	2009VI09	NUCLEAR REACTIONS ^{208}Pb(^{9}Li, nx)^{211}At / ^{212}At / ^{213}At / ^{214}At, E(cm)=24.84, 27.35, 29.86, 32.36, 34.87, 37.37, 39.88, 42.38, 44.89 MeV; ^{209}Bi(^{7}Li, nx)^{212}Rn / ^{213}Rn, E(cm)=34.95 MeV; measured nuclidic yields, and fusion σ using ISAC2 facility at TRIUMF. Comparison with HVAP statistical model code and coupled-channel calculations. JOUR PRVCA 80 054609
	2009VI09	RADIOACTIVITY ^{211,212,212m,213,214,214m}At(α); measured Eα. JOUR PRVCA 80 054609
	2010SA19	NUCLEAR REACTIONS ^{209}Bi(^{6}Li, α), (^{6}Li, d), E=36, 40 MeV; measured Eα, I$\alpha(\theta)$, Ed, Id(θ), dα-coin; deduced $\sigma(\theta)$. ^{209}Bi(^{6}Li, ^{6}Li), E=36, 40 MeV; measured $\sigma(\theta)$. Comparison with CDCC calculations. Sequential breakup via resonant state. JOUR NUPAB 834 186c
^{213}Rn	2009VI09	NUCLEAR REACTIONS ^{208}Pb(^{9}Li, nx)^{211}At / ^{212}At / ^{213}At / ^{214}At, E(cm)=24.84, 27.35, 29.86, 32.36, 34.87, 37.37, 39.88, 42.38, 44.89 MeV; ^{209}Bi(^{7}Li, nx)^{212}Rn / ^{213}Rn, E(cm)=34.95 MeV; measured nuclidic yields, and fusion σ using ISAC2 facility at TRIUMF. Comparison with HVAP statistical model code and coupled-channel calculations. JOUR PRVCA 80 054609
	2010DA04	NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(^{9}Be, xn)^{211}Rn / ^{212}Rn / ^{213}Rn / ^{214}Rn / ^{212}Fr / ^{213}Fr / ^{214}Fr / ^{215}Fr / ^{216}Fr, E=44.0, 50.0, 60.0 MeV; measured α and fragment spectra; deduced complete fusion σ. Discussed discrepancies in previous cross section data for similar reactions. JOUR PRVCA 81 024608
	2010HE12	NUCLEAR REACTIONS ^{207}Pb(^{64}Ni, X)^{211}Po / ^{212}At / ^{213}Rn / ^{213}Fr / ^{214}Ra, E=4.80, 5.00, 5.20, 5.40, 5.53, 5.92 MeV / nucleon; measured $\sigma(\theta)$, E(residue) using the SHIP facility. JOUR ZAANE 43 181
	2010HE14	NUCLEAR REACTIONS ^{207}Pb(^{64}Ni, X)^{211}Po / ^{212}At / ^{213}Rn / ^{213}Fr / ^{214}Ra, E=4.80, 5.00, 5.20, 5.40, 5.53, 5.92 MeV / nucleon; measured Eα, Iα, $\sigma(\theta)$, yields, fragment energy spectra (TKE) using SHIP velocity filter. ^{238}U(^{238}U, X), E=6.09, 6.49, 6.91, 7.10, 7.35 MeV / nucleon; measured $\sigma(\theta)$, mass distributions, yields, fragment energy spectra (TKE) using VAMOS spectrometer; deduced interaction times using diffusion model. JOUR NUPAB 834 362c
^{213}Fr	2009KO35	ATOMIC MASSES ^{211,212,213}Fr, ^{211}Ra; measured masses using Penning trap at ISOLDE. JOUR ZAANE 42 351
	2009PA49	NUCLEAR REACTIONS ^{238}U(p, X)^{122}Cs / ^{123}Cs / ^{124}Cs / ^{125}Cs / ^{126}Cs / ^{127}Cs / ^{128}Cs / ^{129}Cs / ^{130}Cs / ^{132}Cs / ^{138}Cs / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{143}Cs / ^{144}Cs / ^{145}Cs / ^{146}Cs / ^{147}Cs / ^{148}Cs / ^{202}Fr / ^{203}Fr / ^{204}Fr / ^{205}Fr / ^{206}Fr / ^{207}Fr / ^{208}Fr / ^{209}Fr / ^{210}Fr / ^{211}Fr / ^{212}Fr / ^{213}Fr / ^{214}Fr / ^{218}Fr / ^{219}Fr / ^{220}Fr / ^{221}Fr / ^{222}Fr / ^{223}Fr / ^{224}Fr / ^{225}Fr / ^{226}Fr / ^{227}Fr / ^{228}Fr, E=1 GeV; measured fission and spallation yields from different mass targets; deduced effect of target size. JOUR ZAANE 42 495
	2010DA04	NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(^{9}Be, xn)^{211}Rn / ^{212}Rn / ^{213}Rn / ^{214}Rn / ^{212}Fr / ^{213}Fr / ^{214}Fr / ^{215}Fr / ^{216}Fr, E=44.0, 50.0, 60.0 MeV; measured α and fragment spectra; deduced complete fusion σ. Discussed discrepancies in previous cross section data for similar reactions. JOUR PRVCA 81 024608

A=213 ***(continued)***

	2010HE12	NUCLEAR REACTIONS ^{207}Pb(^{64}Ni, X)^{211}Po / ^{212}At / ^{213}Rn / ^{213}Fr / ^{214}Ra, E=4.80, 5.00, 5.20, 5.40, 5.53, 5.92 MeV / nucleon; measured $\sigma(\theta)$, E(residue) using the SHIP facility. JOUR ZAANE 43 181
	2010HE14	NUCLEAR REACTIONS ^{207}Pb(^{64}Ni, X)^{211}Po / ^{212}At / ^{213}Rn / ^{213}Fr / ^{214}Ra, E=4.80, 5.00, 5.20, 5.40, 5.53, 5.92 MeV / nucleon; measured Eα, Iα, $\sigma(\theta)$, yields, fragment energy spectra (TKE) using SHIP velocity filter. ^{238}U(^{238}U, X), E=6.09, 6.49, 6.91, 7.10, 7.35 MeV / nucleon; measured $\sigma(\theta)$, mass distributions, yields, fragment energy spectra (TKE) using VAMOS spectrometer; deduced interaction times using diffusion model. JOUR NUPAB 834 362c
	2010WI07	RADIOACTIVITY ^{21}Na, ^{213}Ra(EC), ^{225}Ra(β^-), ^{213}Ra(α); measured recoiling ion in coincidence with β-particle, hfs; deduced correlation parameters, hyperfine splitting, transition fluorescence. JOUR PRAMC 75 163
^{213}Ra	2010WI07	RADIOACTIVITY ^{21}Na, ^{213}Ra(EC), ^{225}Ra(β^-), ^{213}Ra(α); measured recoiling ion in coincidence with β-particle, hfs; deduced correlation parameters, hyperfine splitting, transition fluorescence. JOUR PRAMC 75 163

A=214

^{214}Hg	2010AL24	NUCLEAR REACTIONS ^{9}Be(^{238}U, X), E=1 GeV / nucleon; measured fragment residues using a high resolution magnetic spectrometer Fragment Separator, σ, yields. ^{203,204,205}Pt, ^{207,208,209,210}Au, ^{210,211,212,213,214,215,216}Hg, ^{210,211,212,213,214,215,216,217}Tl, ^{214,215,216,217,218,219,220}Pb, ^{217,218,219,220,221,222,223,224}Bi, ^{220,221,222,223,224,225,226,227}Po, ^{222,223,224,225,226,227,228,229}At, ^{225,226,227,228,229,230,231}Rn, ^{228,229,230,232,232,233}Fr; deduced yields, production σ. Comparisons of σ with the predictions obtained using the computer codes COFRA and EPAX. JOUR PRVCA 82 041602
^{214}Tl	2010AL24	NUCLEAR REACTIONS ^{9}Be(^{238}U, X), E=1 GeV / nucleon; measured fragment residues using a high resolution magnetic spectrometer Fragment Separator, σ, yields. ^{203,204,205}Pt, ^{207,208,209,210}Au, ^{210,211,212,213,214,215,216}Hg, ^{210,211,212,213,214,215,216,217}Tl, ^{214,215,216,217,218,219,220}Pb, ^{217,218,219,220,221,222,223,224}Bi, ^{220,221,222,223,224,225,226,227}Po, ^{222,223,224,225,226,227,228,229}At, ^{225,226,227,228,229,230,231}Rn, ^{228,229,230,232,232,233}Fr; deduced yields, production σ. Comparisons of σ with the predictions obtained using the computer codes COFRA and EPAX. JOUR PRVCA 82 041602
^{214}Pb	2009AL32	NUCLEAR REACTIONS ^{9}Be(^{238}U, X)^{196}Pb / ^{197}Pb / ^{198}Pb / ^{199}Pb / ^{200}Pb / ^{201}Pb / ^{202}Pb / ^{203}Pb / ^{204}Pb / ^{205}Pb / ^{206}Pb / ^{207}Pb / ^{208}Pb / ^{209}Pb / ^{210}Pb / ^{214}Pb / ^{215}Pb / ^{216}Pb / ^{217}Pb / ^{218}Pb / ^{219}Pb / ^{199}Bi / ^{200}Bi / ^{201}Bi / ^{202}Bi / ^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi / ^{207}Bi / ^{208}Bi / ^{209}Bi / ^{210}Bi / ^{211}Bi / ^{212}Bi / ^{213}Bi / ^{214}Bi / ^{218}Bi / ^{219}Bi / ^{220}Bi / ^{221}Bi / ^{222}Bi / ^{223}Bi, E=1 GeV / nucleon; measured production σ. Comparison with other data. JOUR ZAANE 42 485

A=214 ***(continued)***

	2010AL24	NUCLEAR REACTIONS ^{9}Be(^{238}U, X), E=1 GeV / nucleon; measured fragment residues using a high resolution magnetic spectrometer Fragment Separator, σ, yields. ^{203,204,205}Pt, ^{207,208,209,210}Au, ^{210,211,212,213,214,215,216}Hg, ^{210,211,212,213,214,215,216,217}Tl, ^{214,215,216,217,218,219,220}Pb, ^{217,218,219,220,221,222,223,224}Bi, ^{220,221,222,223,224,225,226,227}Po, ^{222,223,224,225,226,227,228,229}At, ^{225,226,227,228,229,230,231}Rn, ^{228,229,230,232,232,233}Fr; deduced yields, production σ. Comparisons of σ with the predictions obtained using the computer codes COFRA and EPAX. JOUR PRVCA 82 041602
^{214}Bi	2009AL32	NUCLEAR REACTIONS ^{9}Be(^{238}U, X)^{196}Pb / ^{197}Pb / ^{198}Pb / ^{199}Pb / ^{200}Pb / ^{201}Pb / ^{202}Pb / ^{203}Pb / ^{204}Pb / ^{205}Pb / ^{206}Pb / ^{207}Pb / ^{208}Pb / ^{209}Pb / ^{210}Pb / ^{214}Pb / ^{215}Pb / ^{216}Pb / ^{217}Pb / ^{218}Pb / ^{219}Pb / ^{199}Bi / ^{200}Bi / ^{201}Bi / ^{202}Bi / ^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi / ^{207}Bi / ^{208}Bi / ^{209}Bi / ^{210}Bi / ^{211}Bi / ^{212}Bi / ^{213}Bi / ^{214}Bi / ^{218}Bi / ^{219}Bi / ^{220}Bi / ^{221}Bi / ^{222}Bi / ^{223}Bi, E=1 GeV / nucleon; measured production σ. Comparison with other data. JOUR ZAANE 42 485
^{214}Po	2009MO37	RADIOACTIVITY ^{231}Pa, ^{230}U, ^{226,227}Th, ^{222,223}Ra, ^{218,219}Rn, ^{214,215}Po, ^{211}Bi(α); measured Eα. JOUR PRVCA 80 054612
^{214}At	2009VI09	NUCLEAR REACTIONS ^{208}Pb(^{9}Li, nx)^{211}At / ^{212}At / ^{213}At / ^{214}At, E(cm)=24.84, 27.35, 29.86, 32.36, 34.87, 37.37, 39.88, 42.38, 44.89 MeV; ^{209}Bi(^{7}Li, nx)^{212}Rn / ^{213}Rn, E(cm)=34.95 MeV; measured nuclidic yields, and fusion σ using ISAC2 facility at TRIUMF. Comparison with HVAP statistical model code and coupled-channel calculations. JOUR PRVCA 80 054609
	2009VI09	RADIOACTIVITY ^{211,212,212m,213,214,214m}At(α); measured Eα. JOUR PRVCA 80 054609
^{214}Rn	2010DA04	NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(^{9}Be, xn)^{211}Rn / ^{212}Rn / ^{213}Rn / ^{214}Rn / ^{212}Fr / ^{213}Fr / ^{214}Fr / ^{215}Fr / ^{216}Fr, E=44.0, 50.0, 60.0 MeV; measured α and fragment spectra; deduced complete fusion σ. Discussed discrepancies in previous cross section data for similar reactions. JOUR PRVCA 81 024608
^{214}Fr	2009PA49	NUCLEAR REACTIONS ^{238}U(p, X)^{122}Cs / ^{123}Cs / ^{124}Cs / ^{125}Cs / ^{126}Cs / ^{127}Cs / ^{128}Cs / ^{129}Cs / ^{130}Cs / ^{132}Cs / ^{138}Cs / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{143}Cs / ^{144}Cs / ^{145}Cs / ^{146}Cs / ^{147}Cs / ^{148}Cs / ^{202}Fr / ^{203}Fr / ^{204}Fr / ^{205}Fr / ^{206}Fr / ^{207}Fr / ^{208}Fr / ^{209}Fr / ^{210}Fr / ^{211}Fr / ^{212}Fr / ^{213}Fr / ^{214}Fr / ^{218}Fr / ^{219}Fr / ^{220}Fr / ^{221}Fr / ^{222}Fr / ^{223}Fr / ^{224}Fr / ^{225}Fr / ^{226}Fr / ^{227}Fr / ^{228}Fr, E=1 GeV; measured fission and spallation yields from different mass targets; deduced effect of target size. JOUR ZAANE 42 495
	2010DA04	NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(^{9}Be, xn)^{211}Rn / ^{212}Rn / ^{213}Rn / ^{214}Rn / ^{212}Fr / ^{213}Fr / ^{214}Fr / ^{215}Fr / ^{216}Fr, E=44.0, 50.0, 60.0 MeV; measured α and fragment spectra; deduced complete fusion σ. Discussed discrepancies in previous cross section data for similar reactions. JOUR PRVCA 81 024608
^{214}Ra	2010HE12	NUCLEAR REACTIONS ^{207}Pb(^{64}Ni, X)^{211}Po / ^{212}At / ^{213}Rn / ^{213}Fr / ^{214}Ra, E=4.80, 5.00, 5.20, 5.40, 5.53, 5.92 MeV / nucleon; measured $\sigma(\theta)$, E(residue) using the SHIP facility. JOUR ZAANE 43 181

A=214 ***(continued)***

2010HE14 NUCLEAR REACTIONS ^{207}Pb(^{64}Ni, X)^{211}Po / ^{212}At / ^{213}Rn / ^{213}Fr / ^{214}Ra, E=4.80, 5.00, 5.20, 5.40, 5.53, 5.92 MeV / nucleon; measured Eα, Iα, $\sigma(\theta)$, yields, fragment energy spectra (TKE) using SHIP velocity filter. ^{238}U(^{238}U, X), E=6.09, 6.49, 6.91, 7.10, 7.35 MeV / nucleon; measured $\sigma(\theta)$, mass distributions, yields, fragment energy spectra (TKE) using VAMOS spectrometer; deduced interaction times using diffusion model. JOUR NUPAB 834 362c

A=215

^{215}Hg 2010AL24 NUCLEAR REACTIONS ^{9}Be(^{238}U, X), E=1 GeV / nucleon; measured fragment residues using a high resolution magnetic spectrometer Fragment Separator, σ, yields. ^{203,204,205}Pt, ^{207,208,209,210}Au, ^{210,211,212,213,214,215,216}Hg, ^{210,211,212,213,214,215,216,217}Tl, ^{214,215,216,217,218,219,220}Pb, ^{217,218,219,220,221,222,223,224}Bi, ^{220,221,222,223,224,225,226,227}Po, ^{222,223,224,225,226,227,228,229}At, ^{225,226,227,228,229,230,231}Rn, ^{228,229,230,232,232,233}Fr; deduced yields, production σ. Comparisons of σ with the predictions obtained using the computer codes COFRA and EPAX. JOUR PRVCA 82 041602

^{215}Tl 2010AL24 NUCLEAR REACTIONS ^{9}Be(^{238}U, X), E=1 GeV / nucleon; measured fragment residues using a high resolution magnetic spectrometer Fragment Separator, σ, yields. ^{203,204,205}Pt, ^{207,208,209,210}Au, ^{210,211,212,213,214,215,216}Hg, ^{210,211,212,213,214,215,216,217}Tl, ^{214,215,216,217,218,219,220}Pb, ^{217,218,219,220,221,222,223,224}Bi, ^{220,221,222,223,224,225,226,227}Po, ^{222,223,224,225,226,227,228,229}At, ^{225,226,227,228,229,230,231}Rn, ^{228,229,230,232,232,233}Fr; deduced yields, production σ. Comparisons of σ with the predictions obtained using the computer codes COFRA and EPAX. JOUR PRVCA 82 041602

^{215}Pb 2009AL32 NUCLEAR REACTIONS ^{9}Be(^{238}U, X)^{196}Pb / ^{197}Pb / ^{198}Pb / ^{199}Pb / ^{200}Pb / ^{201}Pb / ^{202}Pb / ^{203}Pb / ^{204}Pb / ^{205}Pb / ^{206}Pb / ^{207}Pb / ^{208}Pb / ^{209}Pb / ^{210}Pb / ^{214}Pb / ^{215}Pb / ^{216}Pb / ^{217}Pb / ^{218}Pb / ^{219}Pb / ^{199}Bi / ^{200}Bi / ^{201}Bi / ^{202}Bi / ^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi / ^{207}Bi / ^{208}Bi / ^{209}Bi / ^{210}Bi / ^{211}Bi / ^{212}Bi / ^{213}Bi / ^{214}Bi / ^{218}Bi / ^{219}Bi / ^{220}Bi / ^{221}Bi / ^{222}Bi / ^{223}Bi, E=1 GeV / nucleon; measured production σ. Comparison with other data. JOUR ZAANE 42 485

2010AL24 NUCLEAR REACTIONS ^{9}Be(^{238}U, X), E=1 GeV / nucleon; measured fragment residues using a high resolution magnetic spectrometer Fragment Separator, σ, yields. ^{203,204,205}Pt, ^{207,208,209,210}Au, ^{210,211,212,213,214,215,216}Hg, ^{210,211,212,213,214,215,216,217}Tl, ^{214,215,216,217,218,219,220}Pb, ^{217,218,219,220,221,222,223,224}Bi, ^{220,221,222,223,224,225,226,227}Po, ^{222,223,224,225,226,227,228,229}At, ^{225,226,227,228,229,230,231}Rn, ^{228,229,230,232,232,233}Fr; deduced yields, production σ. Comparisons of σ with the predictions obtained using the computer codes COFRA and EPAX. JOUR PRVCA 82 041602

^{215}Po 2009MO37 RADIOACTIVITY ^{231}Pa, ^{230}U, ^{226,227}Th, ^{222,223}Ra, ^{218,219}Rn, ^{214,215}Po, ^{211}Bi(α); measured Eα. JOUR PRVCA 80 054612

A=215 ***(continued)***

^{215}Fr	2010DA04	NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(^{9}Be, xn)^{211}Rn / ^{212}Rn / ^{213}Rn / ^{214}Rn / ^{212}Fr / ^{213}Fr / ^{214}Fr / ^{215}Fr / ^{216}Fr, E=44.0, 50.0, 60.0 MeV; measured α and fragment spectra; deduced complete fusion σ. Discussed discrepancies in previous cross section data for similar reactions. JOUR PRVCA 81 024608

A=216

^{216}Hg	2010AL24	NUCLEAR REACTIONS ^{9}Be(^{238}U, X), E=1 GeV / nucleon; measured fragment residues using a high resolution magnetic spectrometer Fragment Separator, σ, yields. ^{203,204,205}Pt, ^{207,208,209,210}Au, ^{210,211,212,213,214,215,216}Hg, ^{210,211,212,213,214,215,216,217}Tl, ^{214,215,216,217,218,219,220}Pb, ^{217,218,219,220,221,222,223,224}Bi, ^{220,221,222,223,224,225,226,227}Po, ^{222,223,224,225,226,227,228,229}At, ^{225,226,227,228,229,230,231}Rn, ^{228,229,230,232,232,233}Fr; deduced yields, production σ. Comparisons of σ with the predictions obtained using the computer codes COFRA and EPAX. JOUR PRVCA 82 041602
^{216}Tl	2010AL24	NUCLEAR REACTIONS ^{9}Be(^{238}U, X), E=1 GeV / nucleon; measured fragment residues using a high resolution magnetic spectrometer Fragment Separator, σ, yields. ^{203,204,205}Pt, ^{207,208,209,210}Au, ^{210,211,212,213,214,215,216}Hg, ^{210,211,212,213,214,215,216,217}Tl, ^{214,215,216,217,218,219,220}Pb, ^{217,218,219,220,221,222,223,224}Bi, ^{220,221,222,223,224,225,226,227}Po, ^{222,223,224,225,226,227,228,229}At, ^{225,226,227,228,229,230,231}Rn, ^{228,229,230,232,232,233}Fr; deduced yields, production σ. Comparisons of σ with the predictions obtained using the computer codes COFRA and EPAX. JOUR PRVCA 82 041602
^{216}Pb	2009AL32	NUCLEAR REACTIONS ^{9}Be(^{238}U, X)^{196}Pb / ^{197}Pb / ^{198}Pb / ^{199}Pb / ^{200}Pb / ^{201}Pb / ^{202}Pb / ^{203}Pb / ^{204}Pb / ^{205}Pb / ^{206}Pb / ^{207}Pb / ^{208}Pb / ^{209}Pb / ^{210}Pb / ^{214}Pb / ^{215}Pb / ^{216}Pb / ^{217}Pb / ^{218}Pb / ^{219}Pb / ^{199}Bi / ^{200}Bi / ^{201}Bi / ^{202}Bi / ^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi / ^{207}Bi / ^{208}Bi / ^{209}Bi / ^{210}Bi / ^{211}Bi / ^{212}Bi / ^{213}Bi / ^{214}Bi / ^{218}Bi / ^{219}Bi / ^{220}Bi / ^{221}Bi / ^{222}Bi / ^{223}Bi, E=1 GeV / nucleon; measured production σ. Comparison with other data. JOUR ZAANE 42 485
	2010AL24	NUCLEAR REACTIONS ^{9}Be(^{238}U, X), E=1 GeV / nucleon; measured fragment residues using a high resolution magnetic spectrometer Fragment Separator, σ, yields. ^{203,204,205}Pt, ^{207,208,209,210}Au, ^{210,211,212,213,214,215,216}Hg, ^{210,211,212,213,214,215,216,217}Tl, ^{214,215,216,217,218,219,220}Pb, ^{217,218,219,220,221,222,223,224}Bi, ^{220,221,222,223,224,225,226,227}Po, ^{222,223,224,225,226,227,228,229}At, ^{225,226,227,228,229,230,231}Rn, ^{228,229,230,232,232,233}Fr; deduced yields, production σ. Comparisons of σ with the predictions obtained using the computer codes COFRA and EPAX. JOUR PRVCA 82 041602
^{216}Fr	2010DA04	NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(^{9}Be, xn)^{211}Rn / ^{212}Rn / ^{213}Rn / ^{214}Rn / ^{212}Fr / ^{213}Fr / ^{214}Fr / ^{215}Fr / ^{216}Fr, E=44.0, 50.0, 60.0 MeV; measured α and fragment spectra; deduced complete fusion σ. Discussed discrepancies in previous cross section data for similar reactions. JOUR PRVCA 81 024608

A=217

^{217}Tl	2010AL24	NUCLEAR REACTIONS ^{9}Be(^{238}U, X), E=1 GeV / nucleon; measured fragment residues using a high resolution magnetic spectrometer Fragment Separator, σ, yields. ^{203,204,205}Pt, ^{207,208,209,210}Au, ^{210,211,212,213,214,215,216}Hg, ^{210,211,212,213,214,215,216,217}Tl, ^{214,215,216,217,218,219,220}Pb, ^{217,218,219,220,221,222,223,224}Bi, ^{220,221,222,223,224,225,226,227}Po, ^{222,223,224,225,226,227,228,229}At, ^{225,226,227,228,229,230,231}Rn, ^{228,229,230,232,232,233}Fr; deduced yields, production σ. Comparisons of σ with the predictions obtained using the computer codes COFRA and EPAX. JOUR PRVCA 82 041602
^{217}Pb	2009AL32	NUCLEAR REACTIONS ^{9}Be(^{238}U, X)^{196}Pb / ^{197}Pb / ^{198}Pb / ^{199}Pb / ^{200}Pb / ^{201}Pb / ^{202}Pb / ^{203}Pb / ^{204}Pb / ^{205}Pb / ^{206}Pb / ^{207}Pb / ^{208}Pb / ^{209}Pb / ^{210}Pb / ^{214}Pb / ^{215}Pb / ^{216}Pb / ^{217}Pb / ^{218}Pb / ^{219}Pb / ^{199}Bi / ^{200}Bi / ^{201}Bi / ^{202}Bi / ^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi / ^{207}Bi / ^{208}Bi / ^{209}Bi / ^{210}Bi / ^{211}Bi / ^{212}Bi / ^{213}Bi / ^{214}Bi / ^{218}Bi / ^{219}Bi / ^{220}Bi / ^{221}Bi / ^{222}Bi / ^{223}Bi, E=1 GeV / nucleon; measured production σ. Comparison with other data. JOUR ZAANE 42 485
	2010AL24	NUCLEAR REACTIONS ^{9}Be(^{238}U, X), E=1 GeV / nucleon; measured fragment residues using a high resolution magnetic spectrometer Fragment Separator, σ, yields. ^{203,204,205}Pt, ^{207,208,209,210}Au, ^{210,211,212,213,214,215,216}Hg, ^{210,211,212,213,214,215,216,217}Tl, ^{214,215,216,217,218,219,220}Pb, ^{217,218,219,220,221,222,223,224}Bi, ^{220,221,222,223,224,225,226,227}Po, ^{222,223,224,225,226,227,228,229}At, ^{225,226,227,228,229,230,231}Rn, ^{228,229,230,232,232,233}Fr; deduced yields, production σ. Comparisons of σ with the predictions obtained using the computer codes COFRA and EPAX. JOUR PRVCA 82 041602
^{217}Bi	2010AL24	NUCLEAR REACTIONS ^{9}Be(^{238}U, X), E=1 GeV / nucleon; measured fragment residues using a high resolution magnetic spectrometer Fragment Separator, σ, yields. ^{203,204,205}Pt, ^{207,208,209,210}Au, ^{210,211,212,213,214,215,216}Hg, ^{210,211,212,213,214,215,216,217}Tl, ^{214,215,216,217,218,219,220}Pb, ^{217,218,219,220,221,222,223,224}Bi, ^{220,221,222,223,224,225,226,227}Po, ^{222,223,224,225,226,227,228,229}At, ^{225,226,227,228,229,230,231}Rn, ^{228,229,230,232,232,233}Fr; deduced yields, production σ. Comparisons of σ with the predictions obtained using the computer codes COFRA and EPAX. JOUR PRVCA 82 041602

A=218

^{218}Pb	2009AL32	NUCLEAR REACTIONS ^{9}Be(^{238}U, X)^{196}Pb / ^{197}Pb / ^{198}Pb / ^{199}Pb / ^{200}Pb / ^{201}Pb / ^{202}Pb / ^{203}Pb / ^{204}Pb / ^{205}Pb / ^{206}Pb / ^{207}Pb / ^{208}Pb / ^{209}Pb / ^{210}Pb / ^{214}Pb / ^{215}Pb / ^{216}Pb / ^{217}Pb / ^{218}Pb / ^{219}Pb / ^{199}Bi / ^{200}Bi / ^{201}Bi / ^{202}Bi / ^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi / ^{207}Bi / ^{208}Bi / ^{209}Bi / ^{210}Bi / ^{211}Bi / ^{212}Bi / ^{213}Bi / ^{214}Bi / ^{218}Bi / ^{219}Bi / ^{220}Bi / ^{221}Bi / ^{222}Bi / ^{223}Bi, E=1 GeV / nucleon; measured production σ. Comparison with other data. JOUR ZAANE 42 485

A=218 ***(continued)***

	2010AL24	NUCLEAR REACTIONS ^{9}Be(^{238}U, X), E=1 GeV / nucleon; measured fragment residues using a high resolution magnetic spectrometer Fragment Separator, σ, yields. ^{203,204,205}Pt, ^{207,208,209,210}Au, ^{210,211,212,213,214,215,216}Hg, ^{210,211,212,213,214,215,216,217}Tl, ^{214,215,216,217,218,219,220}Pb, ^{217,218,219,220,221,222,223,224}Bi, ^{220,221,222,223,224,225,226,227}Po, ^{222,223,224,225,226,227,228,229}At, ^{225,226,227,228,229,230,231}Rn, ^{228,229,230,232,232,233}Fr; deduced yields, production σ. Comparisons of σ with the predictions obtained using the computer codes COFRA and EPAX. JOUR PRVCA 82 041602
^{218}Bi	2009AL32	NUCLEAR REACTIONS ^{9}Be(^{238}U, X)^{196}Pb / ^{197}Pb / ^{198}Pb / ^{199}Pb / ^{200}Pb / ^{201}Pb / ^{202}Pb / ^{203}Pb / ^{204}Pb / ^{205}Pb / ^{206}Pb / ^{207}Pb / ^{208}Pb / ^{209}Pb / ^{210}Pb / ^{214}Pb / ^{215}Pb / ^{216}Pb / ^{217}Pb / ^{218}Pb / ^{219}Pb / ^{199}Bi / ^{200}Bi / ^{201}Bi / ^{202}Bi / ^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi / ^{207}Bi / ^{208}Bi / ^{209}Bi / ^{210}Bi / ^{211}Bi / ^{212}Bi / ^{213}Bi / ^{214}Bi / ^{218}Bi / ^{219}Bi / ^{220}Bi / ^{221}Bi / ^{222}Bi / ^{223}Bi, E=1 GeV / nucleon; measured production σ. Comparison with other data. JOUR ZAANE 42 485
	2010AL24	NUCLEAR REACTIONS ^{9}Be(^{238}U, X), E=1 GeV / nucleon; measured fragment residues using a high resolution magnetic spectrometer Fragment Separator, σ, yields. ^{203,204,205}Pt, ^{207,208,209,210}Au, ^{210,211,212,213,214,215,216}Hg, ^{210,211,212,213,214,215,216,217}Tl, ^{214,215,216,217,218,219,220}Pb, ^{217,218,219,220,221,222,223,224}Bi, ^{220,221,222,223,224,225,226,227}Po, ^{222,223,224,225,226,227,228,229}At, ^{225,226,227,228,229,230,231}Rn, ^{228,229,230,232,232,233}Fr; deduced yields, production σ. Comparisons of σ with the predictions obtained using the computer codes COFRA and EPAX. JOUR PRVCA 82 041602
^{218}Rn	2009MO37	RADIOACTIVITY ^{231}Pa, ^{230}U, ^{226,227}Th, ^{222,223}Ra, ^{218,219}Rn, ^{214,215}Po, ^{211}Bi(α); measured Eα. JOUR PRVCA 80 054612
^{218}Fr	2009PA49	NUCLEAR REACTIONS ^{238}U(p, X)^{122}Cs / ^{123}Cs / ^{124}Cs / ^{125}Cs / ^{126}Cs / ^{127}Cs / ^{128}Cs / ^{129}Cs / ^{130}Cs / ^{132}Cs / ^{138}Cs / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{143}Cs / ^{144}Cs / ^{145}Cs / ^{146}Cs / ^{147}Cs / ^{148}Cs / ^{202}Fr / ^{203}Fr / ^{204}Fr / ^{205}Fr / ^{206}Fr / ^{207}Fr / ^{208}Fr / ^{209}Fr / ^{210}Fr / ^{211}Fr / ^{212}Fr / ^{213}Fr / ^{214}Fr / ^{218}Fr / ^{219}Fr / ^{220}Fr / ^{221}Fr / ^{222}Fr / ^{223}Fr / ^{224}Fr / ^{225}Fr / ^{226}Fr / ^{227}Fr / ^{228}Fr, E=1 GeV; measured fission and spallation yields from different mass targets; deduced effect of target size. JOUR ZAANE 42 495

A=219

^{219}Pb	2009AL32	NUCLEAR REACTIONS ^{9}Be(^{238}U, X)^{196}Pb / ^{197}Pb / ^{198}Pb / ^{199}Pb / ^{200}Pb / ^{201}Pb / ^{202}Pb / ^{203}Pb / ^{204}Pb / ^{205}Pb / ^{206}Pb / ^{207}Pb / ^{208}Pb / ^{209}Pb / ^{210}Pb / ^{214}Pb / ^{215}Pb / ^{216}Pb / ^{217}Pb / ^{218}Pb / ^{219}Pb / ^{199}Bi / ^{200}Bi / ^{201}Bi / ^{202}Bi / ^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi / ^{207}Bi / ^{208}Bi / ^{209}Bi / ^{210}Bi / ^{211}Bi / ^{212}Bi / ^{213}Bi / ^{214}Bi / ^{218}Bi / ^{219}Bi / ^{220}Bi / ^{221}Bi / ^{222}Bi / ^{223}Bi, E=1 GeV / nucleon; measured production σ. Comparison with other data. JOUR ZAANE 42 485

A=219 ***(continued)***

	2010AL24	NUCLEAR REACTIONS ^{9}Be(^{238}U, X), E=1 GeV / nucleon; measured fragment residues using a high resolution magnetic spectrometer Fragment Separator, σ, yields. ^{203,204,205}Pt, ^{207,208,209,210}Au, ^{210,211,212,213,214,215,216}Hg, ^{210,211,212,213,214,215,216,217}Tl, ^{214,215,216,217,218,219,220}Pb, ^{217,218,219,220,221,222,223,224}Bi, ^{220,221,222,223,224,225,226,227}Po, ^{222,223,224,225,226,227,228,229}At, ^{225,226,227,228,229,230,231}Rn, ^{228,229,230,232,232,233}Fr; deduced yields, production σ. Comparisons of σ with the predictions obtained using the computer codes COFRA and EPAX. JOUR PRVCA 82 041602
^{219}Bi	2009AL32	NUCLEAR REACTIONS ^{9}Be(^{238}U, X)^{196}Pb / ^{197}Pb / ^{198}Pb / ^{199}Pb / ^{200}Pb / ^{201}Pb / ^{202}Pb / ^{203}Pb / ^{204}Pb / ^{205}Pb / ^{206}Pb / ^{207}Pb / ^{208}Pb / ^{209}Pb / ^{210}Pb / ^{214}Pb / ^{215}Pb / ^{216}Pb / ^{217}Pb / ^{218}Pb / ^{219}Pb / ^{199}Bi / ^{200}Bi / ^{201}Bi / ^{202}Bi / ^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi / ^{207}Bi / ^{208}Bi / ^{209}Bi / ^{210}Bi / ^{211}Bi / ^{212}Bi / ^{213}Bi / ^{214}Bi / ^{218}Bi / ^{219}Bi / ^{220}Bi / ^{221}Bi / ^{222}Bi / ^{223}Bi, E=1 GeV / nucleon; measured production σ. Comparison with other data. JOUR ZAANE 42 485
	2010AL24	NUCLEAR REACTIONS ^{9}Be(^{238}U, X), E=1 GeV / nucleon; measured fragment residues using a high resolution magnetic spectrometer Fragment Separator, σ, yields. ^{203,204,205}Pt, ^{207,208,209,210}Au, ^{210,211,212,213,214,215,216}Hg, ^{210,211,212,213,214,215,216,217}Tl, ^{214,215,216,217,218,219,220}Pb, ^{217,218,219,220,221,222,223,224}Bi, ^{220,221,222,223,224,225,226,227}Po, ^{222,223,224,225,226,227,228,229}At, ^{225,226,227,228,229,230,231}Rn, ^{228,229,230,232,232,233}Fr; deduced yields, production σ. Comparisons of σ with the predictions obtained using the computer codes COFRA and EPAX. JOUR PRVCA 82 041602
^{219}Rn	2009MO37	RADIOACTIVITY ^{231}Pa, ^{230}U, ^{226,227}Th, ^{222,223}Ra, ^{218,219}Rn, ^{214,215}Po, ^{211}Bi(α); measured Eα. JOUR PRVCA 80 054612
^{219}Fr	2009PA49	NUCLEAR REACTIONS ^{238}U(p, X)^{122}Cs / ^{123}Cs / ^{124}Cs / ^{125}Cs / ^{126}Cs / ^{127}Cs / ^{128}Cs / ^{129}Cs / ^{130}Cs / ^{132}Cs / ^{138}Cs / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{143}Cs / ^{144}Cs / ^{145}Cs / ^{146}Cs / ^{147}Cs / ^{148}Cs / ^{202}Fr / ^{203}Fr / ^{204}Fr / ^{205}Fr / ^{206}Fr / ^{207}Fr / ^{208}Fr / ^{209}Fr / ^{210}Fr / ^{211}Fr / ^{212}Fr / ^{213}Fr / ^{214}Fr / ^{218}Fr / ^{219}Fr / ^{220}Fr / ^{221}Fr / ^{222}Fr / ^{223}Fr / ^{224}Fr / ^{225}Fr / ^{226}Fr / ^{227}Fr / ^{228}Fr, E=1 GeV; measured fission and spallation yields from different mass targets; deduced effect of target size. JOUR ZAANE 42 495

A=220

^{220}Pb	2010AL24	NUCLEAR REACTIONS ^{9}Be(^{238}U, X), E=1 GeV / nucleon; measured fragment residues using a high resolution magnetic spectrometer Fragment Separator, σ, yields. ^{203,204,205}Pt, ^{207,208,209,210}Au, ^{210,211,212,213,214,215,216}Hg, ^{210,211,212,213,214,215,216,217}Tl, ^{214,215,216,217,218,219,220}Pb, ^{217,218,219,220,221,222,223,224}Bi, ^{220,221,222,223,224,225,226,227}Po, ^{222,223,224,225,226,227,228,229}At, ^{225,226,227,228,229,230,231}Rn, ^{228,229,230,232,232,233}Fr; deduced yields, production σ. Comparisons of σ with the predictions obtained using the computer codes COFRA and EPAX. JOUR PRVCA 82 041602

A=220 ***(continued)***

^{220}Bi	2009AL32	NUCLEAR REACTIONS ^{9}Be(^{238}U, X)^{196}Pb / ^{197}Pb / ^{198}Pb / ^{199}Pb / ^{200}Pb / ^{201}Pb / ^{202}Pb / ^{203}Pb / ^{204}Pb / ^{205}Pb / ^{206}Pb / ^{207}Pb / ^{208}Pb / ^{209}Pb / ^{210}Pb / ^{214}Pb / ^{215}Pb / ^{216}Pb / ^{217}Pb / ^{218}Pb / ^{219}Pb / ^{199}Bi / ^{200}Bi / ^{201}Bi / ^{202}Bi / ^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi / ^{207}Bi / ^{208}Bi / ^{209}Bi / ^{210}Bi / ^{211}Bi / ^{212}Bi / ^{213}Bi / ^{214}Bi / ^{218}Bi / ^{219}Bi / ^{220}Bi / ^{221}Bi / ^{222}Bi / ^{223}Bi, E=1 GeV / nucleon; measured production σ. Comparison with other data. JOUR ZAANE 42 485
	2010AL24	NUCLEAR REACTIONS ^{9}Be(^{238}U, X), E=1 GeV / nucleon; measured fragment residues using a high resolution magnetic spectrometer Fragment Separator, σ, yields. ^{203,204,205}Pt, ^{207,208,209,210}Au, ^{210,211,212,213,214,215,216}Hg, ^{210,211,212,213,214,215,216,217}Tl, ^{214,215,216,217,218,219,220}Pb, ^{217,218,219,220,221,222,223,224}Bi, ^{220,221,222,223,224,225,226,227}Po, ^{222,223,224,225,226,227,228,229}At, ^{225,226,227,228,229,230,231}Rn, ^{228,229,230,232,232,233}Fr; deduced yields, production σ. Comparisons of σ with the predictions obtained using the computer codes COFRA and EPAX. JOUR PRVCA 82 041602
^{220}Po	2010AL24	NUCLEAR REACTIONS ^{9}Be(^{238}U, X), E=1 GeV / nucleon; measured fragment residues using a high resolution magnetic spectrometer Fragment Separator, σ, yields. ^{203,204,205}Pt, ^{207,208,209,210}Au, ^{210,211,212,213,214,215,216}Hg, ^{210,211,212,213,214,215,216,217}Tl, ^{214,215,216,217,218,219,220}Pb, ^{217,218,219,220,221,222,223,224}Bi, ^{220,221,222,223,224,225,226,227}Po, ^{222,223,224,225,226,227,228,229}At, ^{225,226,227,228,229,230,231}Rn, ^{228,229,230,232,232,233}Fr; deduced yields, production σ. Comparisons of σ with the predictions obtained using the computer codes COFRA and EPAX. JOUR PRVCA 82 041602
^{220}Fr	2009PA49	NUCLEAR REACTIONS ^{238}U(p, X)^{122}Cs / ^{123}Cs / ^{124}Cs / ^{125}Cs / ^{126}Cs / ^{127}Cs / ^{128}Cs / ^{129}Cs / ^{130}Cs / ^{132}Cs / ^{138}Cs / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{143}Cs / ^{144}Cs / ^{145}Cs / ^{146}Cs / ^{147}Cs / ^{148}Cs / ^{202}Fr / ^{203}Fr / ^{204}Fr / ^{205}Fr / ^{206}Fr / ^{207}Fr / ^{208}Fr / ^{209}Fr / ^{210}Fr / ^{211}Fr / ^{212}Fr / ^{213}Fr / ^{214}Fr / ^{218}Fr / ^{219}Fr / ^{220}Fr / ^{221}Fr / ^{222}Fr / ^{223}Fr / ^{224}Fr / ^{225}Fr / ^{226}Fr / ^{227}Fr / ^{228}Fr, E=1 GeV; measured fission and spallation yields from different mass targets; deduced effect of target size. JOUR ZAANE 42 495

A=221

^{221}Bi	2009AL32	NUCLEAR REACTIONS ^{9}Be(^{238}U, X)^{196}Pb / ^{197}Pb / ^{198}Pb / ^{199}Pb / ^{200}Pb / ^{201}Pb / ^{202}Pb / ^{203}Pb / ^{204}Pb / ^{205}Pb / ^{206}Pb / ^{207}Pb / ^{208}Pb / ^{209}Pb / ^{210}Pb / ^{214}Pb / ^{215}Pb / ^{216}Pb / ^{217}Pb / ^{218}Pb / ^{219}Pb / ^{199}Bi / ^{200}Bi / ^{201}Bi / ^{202}Bi / ^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi / ^{207}Bi / ^{208}Bi / ^{209}Bi / ^{210}Bi / ^{211}Bi / ^{212}Bi / ^{213}Bi / ^{214}Bi / ^{218}Bi / ^{219}Bi / ^{220}Bi / ^{221}Bi / ^{222}Bi / ^{223}Bi, E=1 GeV / nucleon; measured production σ. Comparison with other data. JOUR ZAANE 42 485

A=221 ***(continued)***

	2010AL24	NUCLEAR REACTIONS ^{9}Be(^{238}U, X), E=1 GeV / nucleon; measured fragment residues using a high resolution magnetic spectrometer Fragment Separator, σ, yields. ^{203,204,205}Pt, ^{207,208,209,210}Au, ^{210,211,212,213,214,215,216}Hg, ^{210,211,212,213,214,215,216,217}Tl, ^{214,215,216,217,218,219,220}Pb, ^{217,218,219,220,221,222,223,224}Bi, ^{220,221,222,223,224,225,226,227}Po, ^{222,223,224,225,226,227,228,229}At, ^{225,226,227,228,229,230,231}Rn, ^{228,229,230,232,232,233}Fr; deduced yields, production σ. Comparisons of σ with the predictions obtained using the computer codes COFRA and EPAX. JOUR PRVCA 82 041602
^{221}Po	2010AL24	NUCLEAR REACTIONS ^{9}Be(^{238}U, X), E=1 GeV / nucleon; measured fragment residues using a high resolution magnetic spectrometer Fragment Separator, σ, yields. ^{203,204,205}Pt, ^{207,208,209,210}Au, ^{210,211,212,213,214,215,216}Hg, ^{210,211,212,213,214,215,216,217}Tl, ^{214,215,216,217,218,219,220}Pb, ^{217,218,219,220,221,222,223,224}Bi, ^{220,221,222,223,224,225,226,227}Po, ^{222,223,224,225,226,227,228,229}At, ^{225,226,227,228,229,230,231}Rn, ^{228,229,230,232,232,233}Fr; deduced yields, production σ. Comparisons of σ with the predictions obtained using the computer codes COFRA and EPAX. JOUR PRVCA 82 041602
	2010CH19	NUCLEAR REACTIONS Be(^{238}U, X)^{236}Ac / ^{224}At / ^{222}Po / ^{221}Po / ^{213}Tl, E=670 MeV / nucleon; measured revolution frequency of the cooled fragments; deduced $T_{1/2}$. Comparison with theoretical models, Darmstadt storage-cooler ring ESR. JOUR PYLBB 691 234
	2010CH19	ATOMIC MASSES ^{236}Ac, ^{224}At, ^{222}Po, ^{221}Po, ^{213}Tl; measured revolution frequency of the cooled fragments; deduced atomic masses. JOUR PYLBB 691 234
^{221}At	2010LI02	ATOMIC MASSES ^{85,86}As, ^{89}Se, ^{123}Ag, ^{138}Te, ^{140,141}I, ^{143}Xe, ^{221,222}At, ^{223}Rn, ^{228}Fr, ^{231}Ra; measured atomic mass using storage ring mass spectrometry. JOUR APOBB 41 511
^{221}Fr	2009PA49	NUCLEAR REACTIONS ^{238}U(p, X)^{122}Cs / ^{123}Cs / ^{124}Cs / ^{125}Cs / ^{126}Cs / ^{127}Cs / ^{128}Cs / ^{129}Cs / ^{130}Cs / ^{132}Cs / ^{138}Cs / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{143}Cs / ^{144}Cs / ^{145}Cs / ^{146}Cs / ^{147}Cs / ^{148}Cs / ^{202}Fr / ^{203}Fr / ^{204}Fr / ^{205}Fr / ^{206}Fr / ^{207}Fr / ^{208}Fr / ^{209}Fr / ^{210}Fr / ^{211}Fr / ^{212}Fr / ^{213}Fr / ^{214}Fr / ^{218}Fr / ^{219}Fr / ^{220}Fr / ^{221}Fr / ^{222}Fr / ^{223}Fr / ^{224}Fr / ^{225}Fr / ^{226}Fr / ^{227}Fr / ^{228}Fr, E=1 GeV; measured fission and spallation yields from different mass targets; deduced effect of target size. JOUR ZAANE 42 495
^{221}Th	2008REZW	NUCLEAR REACTIONS ^{207}Pb(^{18}O, 4n), (^{18}O, γ), E=96 MeV; measured Eγ, Iγ, A(particle), Z(particle), E(particle), (particle)γ-coin. A=221-225 deduced levels, J, π, B(E1) / B(E2), yrast Δ. Results on CD only. CONF E.Lansing (NS2008),P169,Reviol

A=222

^{222}Bi	2009AL32	NUCLEAR REACTIONS ^{9}Be(^{238}U, X)^{196}Pb / ^{197}Pb / ^{198}Pb / ^{199}Pb / ^{200}Pb / ^{201}Pb / ^{202}Pb / ^{203}Pb / ^{204}Pb / ^{205}Pb / ^{206}Pb / ^{207}Pb / ^{208}Pb / ^{209}Pb / ^{210}Pb / ^{214}Pb / ^{215}Pb / ^{216}Pb / ^{217}Pb / ^{218}Pb / ^{219}Pb / ^{199}Bi / ^{200}Bi / ^{201}Bi / ^{202}Bi / ^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi / ^{207}Bi / ^{208}Bi / ^{209}Bi / ^{210}Bi / ^{211}Bi / ^{212}Bi / ^{213}Bi / ^{214}Bi / ^{218}Bi / ^{219}Bi / ^{220}Bi / ^{221}Bi / ^{222}Bi / ^{223}Bi, E=1 GeV / nucleon; measured production σ. Comparison with other data. JOUR ZAANE 42 485
	2010AL24	NUCLEAR REACTIONS ^{9}Be(^{238}U, X), E=1 GeV / nucleon; measured fragment residues using a high resolution magnetic spectrometer Fragment Separator, σ, yields. ^{203,204,205}Pt, ^{207,208,209,210}Au, ^{210,211,212,213,214,215,216}Hg, ^{210,211,212,213,214,215,216,217}Tl, ^{214,215,216,217,218,219,220}Pb, ^{217,218,219,220,221,222,223,224}Bi, ^{220,221,222,223,224,225,226,227}Po, ^{222,223,224,225,226,227,228,229}At, ^{225,226,227,228,229,230,231}Rn, ^{228,229,230,232,232,233}Fr; deduced yields, production σ. Comparisons of σ with the predictions obtained using the computer codes COFRA and EPAX. JOUR PRVCA 82 041602
^{222}Po	2010AL24	NUCLEAR REACTIONS ^{9}Be(^{238}U, X), E=1 GeV / nucleon; measured fragment residues using a high resolution magnetic spectrometer Fragment Separator, σ, yields. ^{203,204,205}Pt, ^{207,208,209,210}Au, ^{210,211,212,213,214,215,216}Hg, ^{210,211,212,213,214,215,216,217}Tl, ^{214,215,216,217,218,219,220}Pb, ^{217,218,219,220,221,222,223,224}Bi, ^{220,221,222,223,224,225,226,227}Po, ^{222,223,224,225,226,227,228,229}At, ^{225,226,227,228,229,230,231}Rn, ^{228,229,230,232,232,233}Fr; deduced yields, production σ. Comparisons of σ with the predictions obtained using the computer codes COFRA and EPAX. JOUR PRVCA 82 041602
	2010CH19	NUCLEAR REACTIONS Be(^{238}U, X)^{236}Ac / ^{224}At / ^{222}Po / ^{221}Po / ^{213}Tl, E=670 MeV / nucleon; measured revolution frequency of the cooled fragments; deduced $T_{1/2}$. Comparison with theoretical models, Darmstadt storage-cooler ring ESR. JOUR PYLBB 691 234
	2010CH19	ATOMIC MASSES ^{236}Ac, ^{224}At, ^{222}Po, ^{221}Po, ^{213}Tl; measured revolution frequency of the cooled fragments; deduced atomic masses. JOUR PYLBB 691 234
^{222}At	2010AL24	NUCLEAR REACTIONS ^{9}Be(^{238}U, X), E=1 GeV / nucleon; measured fragment residues using a high resolution magnetic spectrometer Fragment Separator, σ, yields. ^{203,204,205}Pt, ^{207,208,209,210}Au, ^{210,211,212,213,214,215,216}Hg, ^{210,211,212,213,214,215,216,217}Tl, ^{214,215,216,217,218,219,220}Pb, ^{217,218,219,220,221,222,223,224}Bi, ^{220,221,222,223,224,225,226,227}Po, ^{222,223,224,225,226,227,228,229}At, ^{225,226,227,228,229,230,231}Rn, ^{228,229,230,232,232,233}Fr; deduced yields, production σ. Comparisons of σ with the predictions obtained using the computer codes COFRA and EPAX. JOUR PRVCA 82 041602
	2010LI02	ATOMIC MASSES ^{85,86}As, ^{89}Se, ^{123}Ag, ^{138}Te, ^{140,141}I, ^{143}Xe, ^{221,222}At, ^{223}Rn, ^{228}Fr, ^{231}Ra; measured atomic mass using storage ring mass spectrometry. JOUR APOBB 41 511

A=222 *(continued)*

^{222}Fr	2009PA49	NUCLEAR REACTIONS ^{238}U(p, X)^{122}Cs / ^{123}Cs / ^{124}Cs / ^{125}Cs / ^{126}Cs / ^{127}Cs / ^{128}Cs / ^{129}Cs / ^{130}Cs / ^{132}Cs / ^{138}Cs / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{143}Cs / ^{144}Cs / ^{145}Cs / ^{146}Cs / ^{147}Cs / ^{148}Cs / ^{202}Fr / ^{203}Fr / ^{204}Fr / ^{205}Fr / ^{206}Fr / ^{207}Fr / ^{208}Fr / ^{209}Fr / ^{210}Fr / ^{211}Fr / ^{212}Fr / ^{213}Fr / ^{214}Fr / ^{218}Fr / ^{219}Fr / ^{220}Fr / ^{221}Fr / ^{222}Fr / ^{223}Fr / ^{224}Fr / ^{225}Fr / ^{226}Fr / ^{227}Fr / ^{228}Fr, E=1 GeV; measured fission and spallation yields from different mass targets; deduced effect of target size. JOUR ZAANE 42 495
^{222}Ra	2009MO37	RADIOACTIVITY ^{231}Pa, ^{230}U, ^{226,227}Th, ^{222,223}Ra, ^{218,219}Rn, ^{214,215}Po, ^{211}Bi(α); measured Eα. JOUR PRVCA 80 054612

A=223

^{223}Bi	2009AL32	NUCLEAR REACTIONS ^{9}Be(^{238}U, X)^{196}Pb / ^{197}Pb / ^{198}Pb / ^{199}Pb / ^{200}Pb / ^{201}Pb / ^{202}Pb / ^{203}Pb / ^{204}Pb / ^{205}Pb / ^{206}Pb / ^{207}Pb / ^{208}Pb / ^{209}Pb / ^{210}Pb / ^{214}Pb / ^{215}Pb / ^{216}Pb / ^{217}Pb / ^{218}Pb / ^{219}Pb / ^{199}Bi / ^{200}Bi / ^{201}Bi / ^{202}Bi / ^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi / ^{207}Bi / ^{208}Bi / ^{209}Bi / ^{210}Bi / ^{211}Bi / ^{212}Bi / ^{213}Bi / ^{214}Bi / ^{218}Bi / ^{219}Bi / ^{220}Bi / ^{221}Bi / ^{222}Bi / ^{223}Bi, E=1 GeV / nucleon; measured production σ. Comparison with other data. JOUR ZAANE 42 485
	2010AL24	NUCLEAR REACTIONS ^{9}Be(^{238}U, X), E=1 GeV / nucleon; measured fragment residues using a high resolution magnetic spectrometer Fragment Separator, σ, yields. ^{203,204,205}Pt, ^{207,208,209,210}Au, ^{210,211,212,213,214,215,216}Hg, ^{210,211,212,213,214,215,216,217}Tl, ^{214,215,216,217,218,219,220}Pb, ^{217,218,219,220,221,222,223,224}Bi, ^{220,221,222,223,224,225,226,227}Po, ^{222,223,224,225,226,227,228,229}At, ^{225,226,227,228,229,230,231}Rn, ^{228,229,230,232,232,233}Fr; deduced yields, production σ. Comparisons of σ with the predictions obtained using the computer codes COFRA and EPAX. JOUR PRVCA 82 041602
^{223}Po	2010AL24	NUCLEAR REACTIONS ^{9}Be(^{238}U, X), E=1 GeV / nucleon; measured fragment residues using a high resolution magnetic spectrometer Fragment Separator, σ, yields. ^{203,204,205}Pt, ^{207,208,209,210}Au, ^{210,211,212,213,214,215,216}Hg, ^{210,211,212,213,214,215,216,217}Tl, ^{214,215,216,217,218,219,220}Pb, ^{217,218,219,220,221,222,223,224}Bi, ^{220,221,222,223,224,225,226,227}Po, ^{222,223,224,225,226,227,228,229}At, ^{225,226,227,228,229,230,231}Rn, ^{228,229,230,232,232,233}Fr; deduced yields, production σ. Comparisons of σ with the predictions obtained using the computer codes COFRA and EPAX. JOUR PRVCA 82 041602
^{223}At	2010AL24	NUCLEAR REACTIONS ^{9}Be(^{238}U, X), E=1 GeV / nucleon; measured fragment residues using a high resolution magnetic spectrometer Fragment Separator, σ, yields. ^{203,204,205}Pt, ^{207,208,209,210}Au, ^{210,211,212,213,214,215,216}Hg, ^{210,211,212,213,214,215,216,217}Tl, ^{214,215,216,217,218,219,220}Pb, ^{217,218,219,220,221,222,223,224}Bi, ^{220,221,222,223,224,225,226,227}Po, ^{222,223,224,225,226,227,228,229}At, ^{225,226,227,228,229,230,231}Rn, ^{228,229,230,232,232,233}Fr; deduced yields, production σ. Comparisons of σ with the predictions obtained using the computer codes COFRA and EPAX. JOUR PRVCA 82 041602

A=223 ***(continued)***

^{223}Rn	2010LI02	ATOMIC MASSES ^{85,86}As, ^{89}Se, ^{123}Ag, ^{138}Te, ^{140,141}I, ^{143}Xe, ^{221,222}At, ^{223}Rn, ^{228}Fr, ^{231}Ra; measured atomic mass using storage ring mass spectrometry. JOUR APOBB 41 511
^{223}Fr	2009PA49	NUCLEAR REACTIONS ^{238}U(p, X)^{122}Cs / ^{123}Cs / ^{124}Cs / ^{125}Cs / ^{126}Cs / ^{127}Cs / ^{128}Cs / ^{129}Cs / ^{130}Cs / ^{132}Cs / ^{138}Cs / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{143}Cs / ^{144}Cs / ^{145}Cs / ^{146}Cs / ^{147}Cs / ^{148}Cs / ^{202}Fr / ^{203}Fr / ^{204}Fr / ^{205}Fr / ^{206}Fr / ^{207}Fr / ^{208}Fr / ^{209}Fr / ^{210}Fr / ^{211}Fr / ^{212}Fr / ^{213}Fr / ^{214}Fr / ^{218}Fr / ^{219}Fr / ^{220}Fr / ^{221}Fr / ^{222}Fr / ^{223}Fr / ^{224}Fr / ^{225}Fr / ^{226}Fr / ^{227}Fr / ^{228}Fr, E=1 GeV; measured fission and spallation yields from different mass targets; deduced effect of target size. JOUR ZAANE 42 495
^{223}Ra	2009MO37	RADIOACTIVITY ^{231}Pa, ^{230}U, ^{226,227}Th, ^{222,223}Ra, ^{218,219}Rn, ^{214,215}Po, ^{211}Bi(α); measured Eα. JOUR PRVCA 80 054612
^{223}Ac	2010GUZZ	RADIOACTIVITY ^{223}Ac[from ^{232}Th(p, 6n)^{227}Pa->^{223}Ac+α at cyclotron energy]; measured cluster decay; deduced branching ratios relative to α-decay. Found ^{14}C clusters, but no ^{15}N ones. CONF Varenna (Nucl Reaction Mechanisms),Proc,Vol.2,P307

A=224

^{224}Bi	2010AL24	NUCLEAR REACTIONS ^{9}Be(^{238}U, X), E=1 GeV / nucleon; measured fragment residues using a high resolution magnetic spectrometer Fragment Separator, σ, yields. ^{203,204,205}Pt, ^{207,208,209,210}Au, ^{210,211,212,213,214,215,216}Hg, ^{210,211,212,213,214,215,216,217}Tl, ^{214,215,216,217,218,219,220}Pb, ^{217,218,219,220,221,222,223,224}Bi, ^{220,221,222,223,224,225,226,227}Po, ^{222,223,224,225,226,227,228,229}At, ^{225,226,227,228,229,230,231}Rn, ^{228,229,230,232,232,233}Fr; deduced yields, production σ. Comparisons of σ with the predictions obtained using the computer codes COFRA and EPAX. JOUR PRVCA 82 041602
^{224}Po	2010AL24	NUCLEAR REACTIONS ^{9}Be(^{238}U, X), E=1 GeV / nucleon; measured fragment residues using a high resolution magnetic spectrometer Fragment Separator, σ, yields. ^{203,204,205}Pt, ^{207,208,209,210}Au, ^{210,211,212,213,214,215,216}Hg, ^{210,211,212,213,214,215,216,217}Tl, ^{214,215,216,217,218,219,220}Pb, ^{217,218,219,220,221,222,223,224}Bi, ^{220,221,222,223,224,225,226,227}Po, ^{222,223,224,225,226,227,228,229}At, ^{225,226,227,228,229,230,231}Rn, ^{228,229,230,232,232,233}Fr; deduced yields, production σ. Comparisons of σ with the predictions obtained using the computer codes COFRA and EPAX. JOUR PRVCA 82 041602
^{224}At	2010AL24	NUCLEAR REACTIONS ^{9}Be(^{238}U, X), E=1 GeV / nucleon; measured fragment residues using a high resolution magnetic spectrometer Fragment Separator, σ, yields. ^{203,204,205}Pt, ^{207,208,209,210}Au, ^{210,211,212,213,214,215,216}Hg, ^{210,211,212,213,214,215,216,217}Tl, ^{214,215,216,217,218,219,220}Pb, ^{217,218,219,220,221,222,223,224}Bi, ^{220,221,222,223,224,225,226,227}Po, ^{222,223,224,225,226,227,228,229}At, ^{225,226,227,228,229,230,231}Rn, ^{228,229,230,232,232,233}Fr; deduced yields, production σ. Comparisons of σ with the predictions obtained using the computer codes COFRA and EPAX. JOUR PRVCA 82 041602

A=224 *(continued)*

	2010CH19	NUCLEAR REACTIONS Be(^{238}U, X)^{236}Ac / ^{224}At / ^{222}Po / ^{221}Po / ^{213}Tl, E=670 MeV / nucleon; measured revolution frequency of the cooled fragments; deduced $T_{1/2}$. Comparison with theoretical models, Darmstadt storage-cooler ring ESR. JOUR PYLBB 691 234
	2010CH19	ATOMIC MASSES ^{236}Ac, ^{224}At, ^{222}Po, ^{221}Po, ^{213}Tl; measured revolution frequency of the cooled fragments; deduced atomic masses. JOUR PYLBB 691 234
^{224}Fr	2009PA49	NUCLEAR REACTIONS ^{238}U(p, X)^{122}Cs / ^{123}Cs / ^{124}Cs / ^{125}Cs / ^{126}Cs / ^{127}Cs / ^{128}Cs / ^{129}Cs / ^{130}Cs / ^{132}Cs / ^{138}Cs / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{143}Cs / ^{144}Cs / ^{145}Cs / ^{146}Cs / ^{147}Cs / ^{148}Cs / ^{202}Fr / ^{203}Fr / ^{204}Fr / ^{205}Fr / ^{206}Fr / ^{207}Fr / ^{208}Fr / ^{209}Fr / ^{210}Fr / ^{211}Fr / ^{212}Fr / ^{213}Fr / ^{214}Fr / ^{218}Fr / ^{219}Fr / ^{220}Fr / ^{221}Fr / ^{222}Fr / ^{223}Fr / ^{224}Fr / ^{225}Fr / ^{226}Fr / ^{227}Fr / ^{228}Fr, E=1 GeV; measured fission and spallation yields from different mass targets; deduced effect of target size. JOUR ZAANE 42 495
^{224}Ra	2008GRZN	RADIOACTIVITY ^{228}Th(α); measured γ polarization. Abstract only. CONF E.Lansing (NS2008),P111,Gros

A=225

^{225}Po	2010AL24	NUCLEAR REACTIONS ^{9}Be(^{238}U, X), E=1 GeV / nucleon; measured fragment residues using a high resolution magnetic spectrometer Fragment Separator, σ, yields. ^{203,204,205}Pt, ^{207,208,209,210}Au, ^{210,211,212,213,214,215,216}Hg, ^{210,211,212,213,214,215,216,217}Tl, ^{214,215,216,217,218,219,220}Pb, ^{217,218,219,220,221,222,223,224}Bi, ^{220,221,222,223,224,225,226,227}Po, ^{222,223,224,225,226,227,228,229}At, ^{225,226,227,228,229,230,231}Rn, ^{228,229,230,232,232,233}Fr; deduced yields, production σ. Comparisons of σ with the predictions obtained using the computer codes COFRA and EPAX. JOUR PRVCA 82 041602
^{225}At	2010AL24	NUCLEAR REACTIONS ^{9}Be(^{238}U, X), E=1 GeV / nucleon; measured fragment residues using a high resolution magnetic spectrometer Fragment Separator, σ, yields. ^{203,204,205}Pt, ^{207,208,209,210}Au, ^{210,211,212,213,214,215,216}Hg, ^{210,211,212,213,214,215,216,217}Tl, ^{214,215,216,217,218,219,220}Pb, ^{217,218,219,220,221,222,223,224}Bi, ^{220,221,222,223,224,225,226,227}Po, ^{222,223,224,225,226,227,228,229}At, ^{225,226,227,228,229,230,231}Rn, ^{228,229,230,232,232,233}Fr; deduced yields, production σ. Comparisons of σ with the predictions obtained using the computer codes COFRA and EPAX. JOUR PRVCA 82 041602
^{225}Rn	2010AL24	NUCLEAR REACTIONS ^{9}Be(^{238}U, X), E=1 GeV / nucleon; measured fragment residues using a high resolution magnetic spectrometer Fragment Separator, σ, yields. ^{203,204,205}Pt, ^{207,208,209,210}Au, ^{210,211,212,213,214,215,216}Hg, ^{210,211,212,213,214,215,216,217}Tl, ^{214,215,216,217,218,219,220}Pb, ^{217,218,219,220,221,222,223,224}Bi, ^{220,221,222,223,224,225,226,227}Po, ^{222,223,224,225,226,227,228,229}At, ^{225,226,227,228,229,230,231}Rn, ^{228,229,230,232,232,233}Fr; deduced yields, production σ. Comparisons of σ with the predictions obtained using the computer codes COFRA and EPAX. JOUR PRVCA 82 041602

A=225 *(continued)*

^{225}Fr	2009PA49	NUCLEAR REACTIONS ^{238}U(p, X)^{122}Cs / ^{123}Cs / ^{124}Cs / ^{125}Cs / ^{126}Cs / ^{127}Cs / ^{128}Cs / ^{129}Cs / ^{130}Cs / ^{132}Cs / ^{138}Cs / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{143}Cs / ^{144}Cs / ^{145}Cs / ^{146}Cs / ^{147}Cs / ^{148}Cs / ^{202}Fr / ^{203}Fr / ^{204}Fr / ^{205}Fr / ^{206}Fr / ^{207}Fr / ^{208}Fr / ^{209}Fr / ^{210}Fr / ^{211}Fr / ^{212}Fr / ^{213}Fr / ^{214}Fr / ^{218}Fr / ^{219}Fr / ^{220}Fr / ^{221}Fr / ^{222}Fr / ^{223}Fr / ^{224}Fr / ^{225}Fr / ^{226}Fr / ^{227}Fr / ^{228}Fr, E=1 GeV; measured fission and spallation yields from different mass targets; deduced effect of target size. JOUR ZAANE 42 495
^{225}Ra	2010WI07	RADIOACTIVITY ^{21}Na, ^{213}Ra(EC), ^{225}Ra(β^-), ^{213}Ra(α); measured recoiling ion in coincidence with β-particle, hfs; deduced correlation parameters, hyperfine splitting, transition fluorescence. JOUR PRAMC 75 163
^{225}Ac	2010WI07	RADIOACTIVITY ^{21}Na, ^{213}Ra(EC), ^{225}Ra(β^-), ^{213}Ra(α); measured recoiling ion in coincidence with β-particle, hfs; deduced correlation parameters, hyperfine splitting, transition fluorescence. JOUR PRAMC 75 163
^{225}Th	2008REZW	NUCLEAR REACTIONS ^{207}Pb(^{18}O, 4n), (^{18}O, γ), E=96 MeV; measured Eγ, Iγ, A(particle), Z(particle), E(particle), (particle)γ-coin. A=221-225 deduced levels, J, π, B(E1) / B(E2), yrast Δ. Results on CD only. CONF E.Lansing (NS2008),P169,Reviol

A=226

^{226}Po	2010AL24	NUCLEAR REACTIONS ^{9}Be(^{238}U, X), E=1 GeV / nucleon; measured fragment residues using a high resolution magnetic spectrometer Fragment Separator, σ, yields. ^{203,204,205}Pt, ^{207,208,209,210}Au, ^{210,211,212,213,214,215,216}Hg, ^{210,211,212,213,214,215,216,217}Tl, ^{214,215,216,217,218,219,220}Pb, ^{217,218,219,220,221,222,223,224}Bi, ^{220,221,222,223,224,225,226,227}Po, ^{222,223,224,225,226,227,228,229}At, ^{225,226,227,228,229,230,231}Rn, ^{228,229,230,232,232,233}Fr; deduced yields, production σ. Comparisons of σ with the predictions obtained using the computer codes COFRA and EPAX. JOUR PRVCA 82 041602
^{226}At	2010AL24	NUCLEAR REACTIONS ^{9}Be(^{238}U, X), E=1 GeV / nucleon; measured fragment residues using a high resolution magnetic spectrometer Fragment Separator, σ, yields. ^{203,204,205}Pt, ^{207,208,209,210}Au, ^{210,211,212,213,214,215,216}Hg, ^{210,211,212,213,214,215,216,217}Tl, ^{214,215,216,217,218,219,220}Pb, ^{217,218,219,220,221,222,223,224}Bi, ^{220,221,222,223,224,225,226,227}Po, ^{222,223,224,225,226,227,228,229}At, ^{225,226,227,228,229,230,231}Rn, ^{228,229,230,232,232,233}Fr; deduced yields, production σ. Comparisons of σ with the predictions obtained using the computer codes COFRA and EPAX. JOUR PRVCA 82 041602

A=226 *(continued)*

^{226}Rn	2010AL24	NUCLEAR REACTIONS ^{9}Be(^{238}U, X), E=1 GeV / nucleon; measured fragment residues using a high resolution magnetic spectrometer Fragment Separator, σ, yields. ^{203,204,205}Pt, ^{207,208,209,210}Au, ^{210,211,212,213,214,215,216}Hg, ^{210,211,212,213,214,215,216,217}Tl, ^{214,215,216,217,218,219,220}Pb, ^{217,218,219,220,221,222,223,224}Bi, ^{220,221,222,223,224,225,226,227}Po, ^{222,223,224,225,226,227,228,229}At, ^{225,226,227,228,229,230,231}Rn, ^{228,229,230,232,232,233}Fr; deduced yields, production σ. Comparisons of σ with the predictions obtained using the computer codes COFRA and EPAX. JOUR PRVCA 82 041602
^{226}Fr	2009PA49	NUCLEAR REACTIONS ^{238}U(p, X)^{122}Cs / ^{123}Cs / ^{124}Cs / ^{125}Cs / ^{126}Cs / ^{127}Cs / ^{128}Cs / ^{129}Cs / ^{130}Cs / ^{132}Cs / ^{138}Cs / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{143}Cs / ^{144}Cs / ^{145}Cs / ^{146}Cs / ^{147}Cs / ^{148}Cs / ^{202}Fr / ^{203}Fr / ^{204}Fr / ^{205}Fr / ^{206}Fr / ^{207}Fr / ^{208}Fr / ^{209}Fr / ^{210}Fr / ^{211}Fr / ^{212}Fr / ^{213}Fr / ^{214}Fr / ^{218}Fr / ^{219}Fr / ^{220}Fr / ^{221}Fr / ^{222}Fr / ^{223}Fr / ^{224}Fr / ^{225}Fr / ^{226}Fr / ^{227}Fr / ^{228}Fr, E=1 GeV; measured fission and spallation yields from different mass targets; deduced effect of target size. JOUR ZAANE 42 495
^{226}Th	2009MO37	NUCLEAR REACTIONS ^{231}Pa(d, 3n)^{230}U, E=11.2-19.9 MeV; measured γ and α spectra; deduced σ and thick target yields. Comparison with EMPIRE 3 code model calculations. ^{226}Th; discussed production from ^{230}U(α) for targeted α therapy. JOUR PRVCA 80 054612
	2009MO37	RADIOACTIVITY ^{231}Pa, ^{230}U, ^{226,227}Th, ^{222,223}Ra, ^{218,219}Rn, ^{214,215}Po, ^{211}Bi(α); measured Eα. JOUR PRVCA 80 054612

A=227

^{227}Po	2010AL24	NUCLEAR REACTIONS ^{9}Be(^{238}U, X), E=1 GeV / nucleon; measured fragment residues using a high resolution magnetic spectrometer Fragment Separator, σ, yields. ^{203,204,205}Pt, ^{207,208,209,210}Au, ^{210,211,212,213,214,215,216}Hg, ^{210,211,212,213,214,215,216,217}Tl, ^{214,215,216,217,218,219,220}Pb, ^{217,218,219,220,221,222,223,224}Bi, ^{220,221,222,223,224,225,226,227}Po, ^{222,223,224,225,226,227,228,229}At, ^{225,226,227,228,229,230,231}Rn, ^{228,229,230,232,232,233}Fr; deduced yields, production σ. Comparisons of σ with the predictions obtained using the computer codes COFRA and EPAX. JOUR PRVCA 82 041602
^{227}At	2010AL24	NUCLEAR REACTIONS ^{9}Be(^{238}U, X), E=1 GeV / nucleon; measured fragment residues using a high resolution magnetic spectrometer Fragment Separator, σ, yields. ^{203,204,205}Pt, ^{207,208,209,210}Au, ^{210,211,212,213,214,215,216}Hg, ^{210,211,212,213,214,215,216,217}Tl, ^{214,215,216,217,218,219,220}Pb, ^{217,218,219,220,221,222,223,224}Bi, ^{220,221,222,223,224,225,226,227}Po, ^{222,223,224,225,226,227,228,229}At, ^{225,226,227,228,229,230,231}Rn, ^{228,229,230,232,232,233}Fr; deduced yields, production σ. Comparisons of σ with the predictions obtained using the computer codes COFRA and EPAX. JOUR PRVCA 82 041602

A=227 *(continued)*

^{227}Rn	2010AL24	NUCLEAR REACTIONS ^{9}Be(^{238}U, X), E=1 GeV / nucleon; measured fragment residues using a high resolution magnetic spectrometer Fragment Separator, σ, yields. ^{203,204,205}Pt, ^{207,208,209,210}Au, ^{210,211,212,213,214,215,216}Hg, ^{210,211,212,213,214,215,216,217}Tl, ^{214,215,216,217,218,219,220}Pb, ^{217,218,219,220,221,222,223,224}Bi, ^{220,221,222,223,224,225,226,227}Po, ^{222,223,224,225,226,227,228,229}At, ^{225,226,227,228,229,230,231}Rn, ^{228,229,230,232,232,233}Fr; deduced yields, production σ. Comparisons of σ with the predictions obtained using the computer codes COFRA and EPAX. JOUR PRVCA 82 041602
^{227}Fr	2009PA49	NUCLEAR REACTIONS ^{238}U(p, X)^{122}Cs / ^{123}Cs / ^{124}Cs / ^{125}Cs / ^{126}Cs / ^{127}Cs / ^{128}Cs / ^{129}Cs / ^{130}Cs / ^{132}Cs / ^{138}Cs / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{143}Cs / ^{144}Cs / ^{145}Cs / ^{146}Cs / ^{147}Cs / ^{148}Cs / ^{202}Fr / ^{203}Fr / ^{204}Fr / ^{205}Fr / ^{206}Fr / ^{207}Fr / ^{208}Fr / ^{209}Fr / ^{210}Fr / ^{211}Fr / ^{212}Fr / ^{213}Fr / ^{214}Fr / ^{218}Fr / ^{219}Fr / ^{220}Fr / ^{221}Fr / ^{222}Fr / ^{223}Fr / ^{224}Fr / ^{225}Fr / ^{226}Fr / ^{227}Fr / ^{228}Fr, E=1 GeV; measured fission and spallation yields from different mass targets; deduced effect of target size. JOUR ZAANE 42 495
^{227}Ac	2009MO37	RADIOACTIVITY ^{231}Pa, ^{230}U, ^{226,227}Th, ^{222,223}Ra, ^{218,219}Rn, ^{214,215}Po, ^{211}Bi(α); measured Eα. JOUR PRVCA 80 054612
^{227}Th	2009MO37	RADIOACTIVITY ^{231}Pa, ^{230}U, ^{226,227}Th, ^{222,223}Ra, ^{218,219}Rn, ^{214,215}Po, ^{211}Bi(α); measured Eα. JOUR PRVCA 80 054612

A=228

^{228}At	2010AL24	NUCLEAR REACTIONS ^{9}Be(^{238}U, X), E=1 GeV / nucleon; measured fragment residues using a high resolution magnetic spectrometer Fragment Separator, σ, yields. ^{203,204,205}Pt, ^{207,208,209,210}Au, ^{210,211,212,213,214,215,216}Hg, ^{210,211,212,213,214,215,216,217}Tl, ^{214,215,216,217,218,219,220}Pb, ^{217,218,219,220,221,222,223,224}Bi, ^{220,221,222,223,224,225,226,227}Po, ^{222,223,224,225,226,227,228,229}At, ^{225,226,227,228,229,230,231}Rn, ^{228,229,230,232,232,233}Fr; deduced yields, production σ. Comparisons of σ with the predictions obtained using the computer codes COFRA and EPAX. JOUR PRVCA 82 041602
^{228}Rn	2010AL24	NUCLEAR REACTIONS ^{9}Be(^{238}U, X), E=1 GeV / nucleon; measured fragment residues using a high resolution magnetic spectrometer Fragment Separator, σ, yields. ^{203,204,205}Pt, ^{207,208,209,210}Au, ^{210,211,212,213,214,215,216}Hg, ^{210,211,212,213,214,215,216,217}Tl, ^{214,215,216,217,218,219,220}Pb, ^{217,218,219,220,221,222,223,224}Bi, ^{220,221,222,223,224,225,226,227}Po, ^{222,223,224,225,226,227,228,229}At, ^{225,226,227,228,229,230,231}Rn, ^{228,229,230,232,232,233}Fr; deduced yields, production σ. Comparisons of σ with the predictions obtained using the computer codes COFRA and EPAX. JOUR PRVCA 82 041602

A=228 *(continued)*

^{228}Fr	2009PA49	NUCLEAR REACTIONS ^{238}U(p, X)^{122}Cs / ^{123}Cs / ^{124}Cs / ^{125}Cs / ^{126}Cs / ^{127}Cs / ^{128}Cs / ^{129}Cs / ^{130}Cs / ^{132}Cs / ^{138}Cs / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{143}Cs / ^{144}Cs / ^{145}Cs / ^{146}Cs / ^{147}Cs / ^{148}Cs / ^{202}Fr / ^{203}Fr / ^{204}Fr / ^{205}Fr / ^{206}Fr / ^{207}Fr / ^{208}Fr / ^{209}Fr / ^{210}Fr / ^{211}Fr / ^{212}Fr / ^{213}Fr / ^{214}Fr / ^{218}Fr / ^{219}Fr / ^{220}Fr / ^{221}Fr / ^{222}Fr / ^{223}Fr / ^{224}Fr / ^{225}Fr / ^{226}Fr / ^{227}Fr / ^{228}Fr, E=1 GeV; measured fission and spallation yields from different mass targets; deduced effect of target size. JOUR ZAANE 42 495
	2010AL24	NUCLEAR REACTIONS ^{9}Be(^{238}U, X), E=1 GeV / nucleon; measured fragment residues using a high resolution magnetic spectrometer Fragment Separator, σ, yields. ^{203,204,205}Pt, ^{207,208,209,210}Au, ^{210,211,212,213,214,215,216}Hg, ^{210,211,212,213,214,215,216,217}Tl, ^{214,215,216,217,218,219,220}Pb, ^{217,218,219,220,221,222,223,224}Bi, ^{220,221,222,223,224,225,226,227}Po, ^{222,223,224,225,226,227,228,229}At, ^{225,226,227,228,229,230,231}Rn, ^{228,229,230,232,232,233}Fr; deduced yields, production σ. Comparisons of σ with the predictions obtained using the computer codes COFRA and EPAX. JOUR PRVCA 82 041602
	2010LI02	ATOMIC MASSES ^{85,86}As, ^{89}Se, ^{123}Ag, ^{138}Te, ^{140,141}I, ^{143}Xe, ^{221,222}At, ^{223}Rn, ^{228}Fr, ^{231}Ra; measured atomic mass using storage ring mass spectrometry. JOUR APOBB 41 511
^{228}Th	2008GRZN	RADIOACTIVITY ^{228}Th(α); measured γ polarization. Abstract only. CONF E.Lansing (NS2008),P111,Gros
	2008KEZX	NUCLEAR REACTIONS ^{232}Th(n, 5n), E=29-42 MeV; measured Eγ, I$\gamma(\theta)$; deduced σ, σ_γ(discrete transitions); calculated σ using TALYS code. CONF Nice (Nucl Data for Sci and Technol) Proc,P1019
^{228}U	2009SI36	NUCLEAR REACTIONS ^{209}Bi(^{19}F, X)^{228}U, E=100, 104, 108, 112, 116 MeV; measured neutrons by tof and fission fragments; deduced pre-scission and post-scission neutron multiplicity spectra and total neutron multiplicities from the fission of compound nucleus ^{228}U. Comparison with statistical model calculations using Bohr-Wheeler transition state fission width and Kramer dissipative dynamical fission width. JOUR PRVCA 80 064615

A=229

^{229}At	2010AL24	NUCLEAR REACTIONS ^{9}Be(^{238}U, X), E=1 GeV / nucleon; measured fragment residues using a high resolution magnetic spectrometer Fragment Separator, σ, yields. ^{203,204,205}Pt, ^{207,208,209,210}Au, ^{210,211,212,213,214,215,216}Hg, ^{210,211,212,213,214,215,216,217}Tl, ^{214,215,216,217,218,219,220}Pb, ^{217,218,219,220,221,222,223,224}Bi, ^{220,221,222,223,224,225,226,227}Po, ^{222,223,224,225,226,227,228,229}At, ^{225,226,227,228,229,230,231}Rn, ^{228,229,230,232,232,233}Fr; deduced yields, production σ. Comparisons of σ with the predictions obtained using the computer codes COFRA and EPAX. JOUR PRVCA 82 041602

A=229 ***(continued)***

^{229}Rn	2010AL24	NUCLEAR REACTIONS ^{9}Be(^{238}U, X), E=1 GeV / nucleon; measured fragment residues using a high resolution magnetic spectrometer Fragment Separator, σ, yields. ^{203,204,205}Pt, ^{207,208,209,210}Au, ^{210,211,212,213,214,215,216}Hg, ^{210,211,212,213,214,215,216,217}Tl, ^{214,215,216,217,218,219,220}Pb, ^{217,218,219,220,221,222,223,224}Bi, ^{220,221,222,223,224,225,226,227}Po, ^{222,223,224,225,226,227,228,229}At, ^{225,226,227,228,229,230,231}Rn, ^{228,229,230,232,232,233}Fr; deduced yields, production σ. Comparisons of σ with the predictions obtained using the computer codes COFRA and EPAX. JOUR PRVCA 82 041602
^{229}Fr	2010AL24	NUCLEAR REACTIONS ^{9}Be(^{238}U, X), E=1 GeV / nucleon; measured fragment residues using a high resolution magnetic spectrometer Fragment Separator, σ, yields. ^{203,204,205}Pt, ^{207,208,209,210}Au, ^{210,211,212,213,214,215,216}Hg, ^{210,211,212,213,214,215,216,217}Tl, ^{214,215,216,217,218,219,220}Pb, ^{217,218,219,220,221,222,223,224}Bi, ^{220,221,222,223,224,225,226,227}Po, ^{222,223,224,225,226,227,228,229}At, ^{225,226,227,228,229,230,231}Rn, ^{228,229,230,232,232,233}Fr; deduced yields, production σ. Comparisons of σ with the predictions obtained using the computer codes COFRA and EPAX. JOUR PRVCA 82 041602

A=230

^{230}Rn	2010AL24	NUCLEAR REACTIONS ^{9}Be(^{238}U, X), E=1 GeV / nucleon; measured fragment residues using a high resolution magnetic spectrometer Fragment Separator, σ, yields. ^{203,204,205}Pt, ^{207,208,209,210}Au, ^{210,211,212,213,214,215,216}Hg, ^{210,211,212,213,214,215,216,217}Tl, ^{214,215,216,217,218,219,220}Pb, ^{217,218,219,220,221,222,223,224}Bi, ^{220,221,222,223,224,225,226,227}Po, ^{222,223,224,225,226,227,228,229}At, ^{225,226,227,228,229,230,231}Rn, ^{228,229,230,232,232,233}Fr; deduced yields, production σ. Comparisons of σ with the predictions obtained using the computer codes COFRA and EPAX. JOUR PRVCA 82 041602
^{230}Fr	2010AL24	NUCLEAR REACTIONS ^{9}Be(^{238}U, X), E=1 GeV / nucleon; measured fragment residues using a high resolution magnetic spectrometer Fragment Separator, σ, yields. ^{203,204,205}Pt, ^{207,208,209,210}Au, ^{210,211,212,213,214,215,216}Hg, ^{210,211,212,213,214,215,216,217}Tl, ^{214,215,216,217,218,219,220}Pb, ^{217,218,219,220,221,222,223,224}Bi, ^{220,221,222,223,224,225,226,227}Po, ^{222,223,224,225,226,227,228,229}At, ^{225,226,227,228,229,230,231}Rn, ^{228,229,230,232,232,233}Fr; deduced yields, production σ. Comparisons of σ with the predictions obtained using the computer codes COFRA and EPAX. JOUR PRVCA 82 041602
^{230}Pa	2008MEZV	NUCLEAR REACTIONS ^{209}Bi(α, x), E=28.8, 32.8 MeV; measured Eγ, Iγ, Eα, Iα; ^{186}W(p, n), E=7-15 MeV; deduced σ; calculated σ; Zn(d, x)^{61}Cu, E≈3-19 MeV; Zn(d, x)^{64}Cu, E≈3-19 MeV; Zn(d, x)^{66}Ga, E≈3-19 MeV; Zn(d, x)^{67}Ga, E≈3-19 MeV; Zn(d, x)^{65}Zn, E≈3-19 MeV; Zn(d, x)^{69}Zn, E≈3-19 MeV; measured Eγ, Iγ; deduced thin taeget yields; ^{103}Rh(d, 2n), E≈3-20 MeV; ^{232}Th(p, 3n), E≈13-31 MeV; calculated σ. Calculations using EMPIRE II; compared to available data. CONF Nice (Nucl Data for Sci and Technol) Proc,P1403

A=230 *(continued)*

^{230}U	2009MO37	NUCLEAR REACTIONS ^{231}Pa(d, 3n)^{230}U, E=11.2-19.9 MeV; measured γ and α spectra; deduced σ and thick target yields. Comparison with EMPIRE 3 code model calculations. ^{226}Th; discussed production from ^{230}U(α) for targeted α therapy. JOUR PRVCA 80 054612
	2009MO37	RADIOACTIVITY ^{231}Pa, ^{230}U, ^{226,227}Th, ^{222,223}Ra, ^{218,219}Rn, ^{214,215}Po, ^{211}Bi(α); measured Eα. JOUR PRVCA 80 054612
	2010NT01	NUCLEAR REACTIONS ^{232}Th(α, 4n), E=42 MeV; ^{232}Th(α, 6n), E=61 MeV; measured Eγ, Iγ, $\gamma\gamma$-, $\gamma\gamma$(recoil)-coin. ^{230,232}U; deduced levels, J, π, rotational bands, octupole bands, B(E1) / B(E2) ratios, electric dipole moments. Systematics of ground state and octupole bands in ^{226,228}Ra, ^{228,230}Th, ^{230,232}U. Systematics of electric dipole moment in Ra, Th and U isotopes with N=130, 134, 138, 142 and 146; and comparison with Skyrme Hartree-Fock calculations in the literature. JOUR PRVCA 82 041305

A=231

^{231}Rn	2010AL24	NUCLEAR REACTIONS ^{9}Be(^{238}U, X), E=1 GeV / nucleon; measured fragment residues using a high resolution magnetic spectrometer Fragment Separator, σ, yields. ^{203,204,205}Pt, ^{207,208,209,210}Au, ^{210,211,212,213,214,215,216}Hg, ^{210,211,212,213,214,215,216,217}Tl, ^{214,215,216,217,218,219,220}Pb, ^{217,218,219,220,221,222,223,224}Bi, ^{220,221,222,223,224,225,226,227}Po, ^{222,223,224,225,226,227,228,229}At, ^{225,226,227,228,229,230,231}Rn, ^{228,229,230,232,232,233}Fr; deduced yields, production σ. Comparisons of σ with the predictions obtained using the computer codes COFRA and EPAX. JOUR PRVCA 82 041602
^{231}Ra	2010LI02	ATOMIC MASSES ^{85,86}As, ^{89}Se, ^{123}Ag, ^{138}Te, ^{140,141}I, ^{143}Xe, ^{221,222}At, ^{223}Rn, ^{228}Fr, ^{231}Ra; measured atomic mass using storage ring mass spectrometry. JOUR APOBB 41 511
^{231}Th	2010AD13	NUCLEAR REACTIONS ^{232}Th(n, γ), (n, 2n), (n, F)^{99}Mo, ^{235,238}U(n, γ), (n, F)^{99}Mo / ^{132}Te / ^{133}I / ^{135}I / ^{135}Xe / ^{140}Ba / ^{143}Ce, E=thermal-1000 MeV [from ^{208}Pb(d, X), E=1.6 GeV spallation source]; measured Eγ, Iγ using HPGe detectors; deduced σ, reaction and transmutation rates. Comparison with simulations and TARC experimental data. JOUR ZAANE 43 159
^{231}Pa	2009MO37	RADIOACTIVITY ^{231}Pa, ^{230}U, ^{226,227}Th, ^{222,223}Ra, ^{218,219}Rn, ^{214,215}Po, ^{211}Bi(α); measured Eα. JOUR PRVCA 80 054612

A=232

^{232}Fr	2010AL24	NUCLEAR REACTIONS ^{9}Be(^{238}U, X), E=1 GeV / nucleon; measured fragment residues using a high resolution magnetic spectrometer Fragment Separator, σ, yields. ^{203,204,205}Pt, ^{207,208,209,210}Au, ^{210,211,212,213,214,215,216}Hg, ^{210,211,212,213,214,215,216,217}Tl, ^{214,215,216,217,218,219,220}Pb, ^{217,218,219,220,221,222,223,224}Bi, ^{220,221,222,223,224,225,226,227}Po, ^{222,223,224,225,226,227,228,229}At, ^{225,226,227,228,229,230,231}Rn, ^{228,229,230,232,232,233}Fr; deduced yields, production σ. Comparisons of σ with the predictions obtained using the computer codes COFRA and EPAX. JOUR PRVCA 82 041602
^{232}Th	2010YE02	NUCLEAR REACTIONS ^{235}U(γ, γ') E=3.5, 4.4 MeV; measured Eγ, Iγ, $\gamma(\theta)$, integrated cross sections of γ rays. ^{235}U; deduced levels, B(M1), B(E1) strengths. ^{232}Th, ^{235,236,238}U; systematics of M1 strength functions. JOUR PRVCA 81 044309
^{232}Pa	2008FOZY	RADIOACTIVITY ^{232}Pa(β^-)[from ^{232}Th(p, n), E≈11.5 MeV]; measured Eγ, Iγ(t), e-γ-coin.; deduced isomer half-life, decay modes. CONF Nice (Nucl Data for Sci and Technol) Proc,P119
^{232}U	2008FOZY	RADIOACTIVITY ^{232}Pa(β^-)[from ^{232}Th(p, n), E≈11.5 MeV]; measured Eγ, Iγ(t), e-γ-coin.; deduced isomer half-life, decay modes. CONF Nice (Nucl Data for Sci and Technol) Proc,P119
	2010DW01	ATOMIC MASSES ^{232}U, ^{236,238}Pu, ^{240,241,242}Cm, ^{244,245,246}Cf, ^{248,249,250}Fm, ^{252,253,254}No, ^{256,257,258}Rf, ^{260,261,262}Sg, ^{264,265,266}Hs, ^{268,269,270}Ds; compiled and evaluated mass excesses. JOUR PRVCA 81 064312
	2010NT01	NUCLEAR REACTIONS ^{232}Th(α, 4n), E=42 MeV; ^{232}Th(α, 6n), E=61 MeV; measured Eγ, Iγ, $\gamma\gamma$-, $\gamma\gamma$(recoil)-coin. ^{230,232}U; deduced levels, J, π, rotational bands, octupole bands, B(E1) / B(E2) ratios, electric dipole moments. Systematics of ground state and octupole bands in ^{226,228}Ra, ^{228,230}Th, ^{230,232}U. Systematics of electric dipole moment in Ra, Th and U isotopes with N=130, 134, 138, 142 and 146; and comparison with Skyrme Hartree-Fock calculations in the literature. JOUR PRVCA 82 041305

A=233

^{233}Fr	2010AL24	NUCLEAR REACTIONS ^{9}Be(^{238}U, X), E=1 GeV / nucleon; measured fragment residues using a high resolution magnetic spectrometer Fragment Separator, σ, yields. ^{203,204,205}Pt, ^{207,208,209,210}Au, ^{210,211,212,213,214,215,216}Hg, ^{210,211,212,213,214,215,216,217}Tl, ^{214,215,216,217,218,219,220}Pb, ^{217,218,219,220,221,222,223,224}Bi, ^{220,221,222,223,224,225,226,227}Po, ^{222,223,224,225,226,227,228,229}At, ^{225,226,227,228,229,230,231}Rn, ^{228,229,230,232,232,233}Fr; deduced yields, production σ. Comparisons of σ with the predictions obtained using the computer codes COFRA and EPAX. JOUR PRVCA 82 041602
^{233}Th	2008BRZW	NUCLEAR REACTIONS ^{232}Th, ^{233}Pa, ^{234,235}U, ^{241,242}Am, ^{244}Cm, ^{237}Np, ^{238}Pu(n, γ), E=reactor spectrum; ^{242}Am, ^{245}Cm(n, f), E=reactor spectrum; measured Eγ, Iγ, Eα, Iα, A(fragment); deduced average σ, σ(E=25.3meV). CONF Nice (Nucl Data for Sci and Technol) Proc,P619

A=233 ***(continued)***

	2008LEZO	NUCLEAR REACTIONS ^{170}Er, ^{180}Hf, ^{242}Pu, ^{232}Th(n, γ), E=reactor spectrum; measured Eγ, Iγ; deduced ^{171}Er, ^{181}Hf, ^{243}Pu, ^{233}Pa integral σ; compared to JEFF-3.1. CONF Nice (Nucl Data for Sci and Technol) Proc,P521
	2010AD13	NUCLEAR REACTIONS ^{232}Th(n, γ), (n, 2n), (n, F)^{99}Mo, ^{235,238}U(n, γ), (n, F)^{99}Mo / ^{132}Te / ^{133}I / ^{135}I / ^{135}Xe / ^{140}Ba / ^{143}Ce, E=thermal-1000 MeV [from ^{208}Pb(d, X), E=1.6 GeV spallation source]; measured Eγ, Iγ using HPGe detectors; deduced σ, reaction and transmutation rates. Comparison with simulations and TARC experimental data. JOUR ZAANE 43 159
	2010CO02	NUCLEAR REACTIONS ^{197}Au, ^{151}Sm, Pb, ^{204,206,207,208}Pb, ^{209}Bi, ^{139}La, ^{232}Th, ^{24,25,26}Mg, ^{90,91,92,93,94,95,96}Zr, ^{186,187,188}Os, ^{233,234,235,236,238}U, ^{237}Np, ^{240}Pu, ^{241,243}Am, ^{245}Cm(n, γ), E=0.001-1 MeV; measured Eγ, Iγ, fission fragments; deduced σ. JOUR ARISE 68 643
^{233}Pa	2010KO27	RADIOACTIVITY ^{233}Pa(β^-) [from ^{237}Np(α)]; measured Eγ, γ; deduced emission probabilities for x-rays and γ-ray transitions. JOUR ARISE 68 2382
	2010LE01	RADIOACTIVITY ^{238}Np, ^{60}Co(β^-), ^{237}Np, ^{238}Pu(α); measured Eγ, Iγ, Eα, Iα; deduced γ-ray emission probabilities from β^--decay of ^{238}Np. JOUR ARISE 68 432
^{233}U	2010KO27	RADIOACTIVITY ^{233}Pa(β^-) [from ^{237}Np(α)]; measured Eγ, γ; deduced emission probabilities for x-rays and γ-ray transitions. JOUR ARISE 68 2382

A=234

^{234}Pa	2008BRZW	NUCLEAR REACTIONS ^{232}Th, ^{233}Pa, ^{234,235}U, ^{241,242}Am, ^{244}Cm, ^{237}Np, ^{238}Pu(n, γ), E=reactor spectrum; ^{242}Am, ^{245}Cm(n, f), E=reactor spectrum; measured Eγ, Iγ, Eα, Iα, A(fragment); deduced average σ, σ(E=25.3meV). CONF Nice (Nucl Data for Sci and Technol) Proc,P619
^{234}U	2008BEZM	NUCLEAR REACTIONS ^{233}U(n, f), E≈1 eV-1 MeV; ^{233}U(n, γ), E≈1 eV-1 MeV; measured Eγ, Iγ, E(fission) using TAC (Total Absorption Calorimeter); deduced σ. Compared to other data, ENDF / B-VII. CONF Nice (Nucl Data for Sci and Technol) Proc,P571
	2010CO02	NUCLEAR REACTIONS ^{197}Au, ^{151}Sm, Pb, ^{204,206,207,208}Pb, ^{209}Bi, ^{139}La, ^{232}Th, ^{24,25,26}Mg, ^{90,91,92,93,94,95,96}Zr, ^{186,187,188}Os, ^{233,234,235,236,238}U, ^{237}Np, ^{240}Pu, ^{241,243}Am, ^{245}Cm(n, γ), E=0.001-1 MeV; measured Eγ, Iγ, fission fragments; deduced σ. JOUR ARISE 68 643
	2010LE01	RADIOACTIVITY ^{238}Np, ^{60}Co(β^-), ^{237}Np, ^{238}Pu(α); measured Eγ, Iγ, Eα, Iα; deduced γ-ray emission probabilities from β^--decay of ^{238}Np. JOUR ARISE 68 432

A=235

^{235}U	2008BRZW	NUCLEAR REACTIONS ^{232}Th, ^{233}Pa, ^{234,235}U, ^{241,242}Am, ^{244}Cm, ^{237}Np, ^{238}Pu(n, γ), E=reactor spectrum; ^{242}Am, ^{245}Cm(n, f), E=reactor spectrum; measured Eγ, Iγ, Eα, Iα, A(fragment); deduced average σ, σ(E=25.3meV). CONF Nice (Nucl Data for Sci and Technol) Proc,P619
	2008BRZX	NUCLEAR REACTIONS ^{235}U(n, f), E=6-18 MeV; ^{235}U(n, γ), E=6-18 MeV; measured Eγ, Iγ, (fragment)-γ-coin.; deduced σ with and without fission tagging; ^{234,236}U(n, γ), E=0.01 eV-1 MeV; measured Eγ, Iγ; deduced σ. Compared to ENDF / B-VI. CONF Nice (Nucl Data for Sci and Technol) Proc,P607
	2010CO02	NUCLEAR REACTIONS ^{197}Au, ^{151}Sm, Pb, ^{204,206,207,208}Pb, ^{209}Bi, ^{139}La, ^{232}Th, ^{24,25,26}Mg, ^{90,91,92,93,94,95,96}Zr, ^{186,187,188}Os, ^{233,234,235,236,238}U, ^{237}Np, ^{240}Pu, ^{241,243}Am, ^{245}Cm(n, γ), E=0.001-1 MeV; measured Eγ, Iγ, fission fragments; deduced σ. JOUR ARISE 68 643
	2010YE02	NUCLEAR REACTIONS ^{235}U(γ, γ') E=3.5, 4.4 MeV; measured Eγ, Iγ, $\gamma(\theta)$, integrated cross sections of γ rays. ^{235}U; deduced levels, B(M1), B(E1) strengths. ^{232}Th, ^{235,236,238}U; systematics of M1 strength functions. JOUR PRVCA 81 044309
^{235}Np	2008LAZT	NUCLEAR REACTIONS ^{234}Np(n, γ), E=thermal-100 eV; measured Eγ, Iγ using TAC (Total Absorption Calorimeter) at n-TOF; deduced yield, neutron resonance parameters using SAMMY. Compared to ENDF / B-VI.8. CONF Nice (Nucl Data for Sci and Technol) Proc,P595
	2010HU02	NUCLEAR REACTIONS ^{237}Np(^{116}Sn, ^{118}Sn)^{235}Np, E=801 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-, (fragment)(fragment)γ-coin, and angular distribution of γ-ray yields for ^{116}Sn, ^{117}Sn and ^{118}Sn using the Gammasphere and CHICO arrays. ^{235}Np; deduced levels, J, π, bands, angular momentum, moment of inertia as functions of rotational frequency, configurations. ^{116,117,118}Sn; measured Eγ, $\gamma\gamma$-coin. Comparison with cranked shell-model calculations and with alignment plots for ^{237}Np and ^{241}Am. JOUR PRVCA 81 014312

A=236

^{236}Ac	2010CH19	NUCLEAR REACTIONS Be(^{238}U, X)^{236}Ac / ^{224}At / ^{222}Po / ^{221}Po / ^{213}Tl, E=670 MeV / nucleon; measured revolution frequency of the cooled fragments; deduced $T_{1/2}$. Comparison with theoretical models, Darmstadt storage-cooler ring ESR. JOUR PYLBB 691 234
	2010CH19	ATOMIC MASSES ^{236}Ac, ^{224}At, ^{222}Po, ^{221}Po, ^{213}Tl; measured revolution frequency of the cooled fragments; deduced atomic masses. JOUR PYLBB 691 234
^{236}U	2008BRZW	NUCLEAR REACTIONS ^{232}Th, ^{233}Pa, ^{234,235}U, ^{241,242}Am, ^{244}Cm, ^{237}Np, ^{238}Pu(n, γ), E=reactor spectrum; ^{242}Am, ^{245}Cm(n, f), E=reactor spectrum; measured Eγ, Iγ, Eα, Iα, A(fragment); deduced average σ, σ(E=25.3meV). CONF Nice (Nucl Data for Sci and Technol) Proc,P619

A=236 ***(continued)***

	2008BRZX	NUCLEAR REACTIONS ^{235}U(n, f), E=6-18 MeV; ^{235}U(n, γ), E=6-18 MeV; measured Eγ, Iγ, (fragment)-γ-coin.; deduced σ with and without fission tagging; ^{234,236}U(n, γ), E=0.01 eV-1 MeV; measured Eγ, Iγ; deduced σ. Compared to ENDF / B-VI. CONF Nice (Nucl Data for Sci and Technol) Proc,P607
	2008ESZY	NUCLEAR REACTIONS ^{238}U(^{3}He, α), E=42 MeV [surrogate for ^{236}U(n, f), E≈0.6-2.0 MeV]; measured Eα, Iα, $\theta(\alpha)$, Eγ, Iγ. ^{236}U deduced γ transitions in ground-state band. CONF Nice (Nucl Data for Sci and Technol) Proc,P325
	2008JAZV	NUCLEAR REACTIONS ^{235}U(n, γ), E≈thermal-500 keV; ^{235}U(n, f)E≈thermal-500 keV; ^{242}Am(n, f), E≈3.5-10000 eV; measured Eγ, Iγ, E(fragment), I(fragment); deduced (cluster)-γ-multiplicity, total and average Eγ. Compared to SF results; DANCE, PPAC fission-tagging detector; ^{242}Am isomeric state. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P440
	2008KOZP	RADIOACTIVITY ^{240}Pu, ^{245,246}Cm, ^{250}Cf(α) [from ^{250}Cf]; measured Eα, Iα; deduced $T_{1/2}$, α-decay energies, Pα. Compared to published data. CONF Nice (Nucl Data for Sci and Technol) Proc,P93
	2010AD13	NUCLEAR REACTIONS ^{232}Th(n, γ), (n, 2n), (n, F)^{99}Mo, ^{235,238}U(n, γ), (n, F)^{99}Mo / ^{132}Te / ^{133}I / ^{135}I / ^{135}Xe / ^{140}Ba / ^{143}Ce, E=thermal-1000 MeV [from ^{208}Pb(d, X), E=1.6 GeV spallation source]; measured Eγ, Iγ using HPGe detectors; deduced σ, reaction and transmutation rates. Comparison with simulations and TARC experimental data. JOUR ZAANE 43 159
	2010CO02	NUCLEAR REACTIONS ^{197}Au, ^{151}Sm, Pb, ^{204,206,207,208}Pb, ^{209}Bi, ^{139}La, ^{232}Th, ^{24,25,26}Mg, ^{90,91,92,93,94,95,96}Zr, ^{186,187,188}Os, ^{233,234,235,236,238}U, ^{237}Np, ^{240}Pu, ^{241,243}Am, ^{245}Cm(n, γ), E=0.001-1 MeV; measured Eγ, Iγ, fission fragments; deduced σ. JOUR ARISE 68 643
	2010YE02	NUCLEAR REACTIONS ^{235}U(γ, γ') E=3.5, 4.4 MeV; measured Eγ, Iγ, $\gamma(\theta)$, integrated cross sections of γ rays. ^{235}U; deduced levels, B(M1), B(E1) strengths. ^{232}Th, ^{235,236,238}U; systematics of M1 strength functions. JOUR PRVCA 81 044309
^{236}Pu	2010DW01	ATOMIC MASSES ^{232}U, ^{236,238}Pu, ^{240,241,242}Cm, ^{244,245,246}Cf, ^{248,249,250}Fm, ^{252,253,254}No, ^{256,257,258}Rf, ^{260,261,262}Sg, ^{264,265,266}Hs, ^{268,269,270}Ds; compiled and evaluated mass excesses. JOUR PRVCA 81 064312

A=237

^{237}U	2008BRZX	NUCLEAR REACTIONS ^{235}U(n, f), E=6-18 MeV; ^{235}U(n, γ), E=6-18 MeV; measured Eγ, Iγ, (fragment)-γ-coin.; deduced σ with and without fission tagging; ^{234,236}U(n, γ), E=0.01 eV-1 MeV; measured Eγ, Iγ; deduced σ. Compared to ENDF / B-VI. CONF Nice (Nucl Data for Sci and Technol) Proc,P607

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

	2008ESZY	NUCLEAR REACTIONS ^{238}U(^{3}He, α), E=42 MeV [surrogate for ^{236}U(n, f), E≈0.6-2.0 MeV]; measured Eα, Iα, $\theta(\alpha)$, Eγ, Iγ. ^{236}U deduced γ transitions in ground-state band. CONF Nice (Nucl Data for Sci and Technol) Proc,P325
	2009MEZX	NUCLEAR REACTIONS ^{236}U(n, γ), E=1 eV-10 keV; measured Eγ, Iγ, $\gamma\gamma$-coin., E(particle), I(particle); deduced capture yield. ToF spectra. CONF Cologne (Capture Gamma-Ray Spectroscopy) Proc,P381,Mezentseva
	2009SUZY	NUCLEAR REACTIONS ^{236}U(n, γ), E=low; measured Eγ, Iγ; deduced γ strengths B(M1), B(E1), nuclear level density. CONF Cologne (Capture Gamma-Ray Spectroscopy) Proc,P577,Sukhovoj
	2010CO02	NUCLEAR REACTIONS ^{197}Au, ^{151}Sm, Pb, ^{204,206,207,208}Pb, ^{209}Bi, ^{139}La, ^{232}Th, ^{24,25,26}Mg, ^{90,91,92,93,94,95,96}Zr, ^{186,187,188}Os, ^{233,234,235,236,238}U, ^{237}Np, ^{240}Pu, ^{241,243}Am, ^{245}Cm(n, γ), E=0.001-1 MeV; measured Eγ, Iγ, fission fragments; deduced σ. JOUR ARISE 68 643
	2010WA19	NUCLEAR REACTIONS ^{238}U(n, 2n), E=13.5, 14.1, 14.7, 14.9 MeV; measured Eγ, Iγ; deduced σ. Comparison with experimental data and evaluated neutron libraries. JOUR NIMAE 621 326
^{237}Np	2008XXZY	RADIOACTIVITY ^{241}Am(α), ^{242}Cm(α)[from ^{241}Am(n, γ)^{242}Am(β^-)]; measured Eα, Iα; deduced ^{242}Cm yield. CONF Nice (Nucl Data for Sci and Technol) Proc,P425
	2010LE01	RADIOACTIVITY ^{238}Np, ^{60}Co(β^-), ^{237}Np, ^{238}Pu(α); measured Eγ, Iγ, Eα, Iα; deduced γ-ray emission probabilities from β^--decay of ^{238}Np. JOUR ARISE 68 432
	2010MO01	RADIOACTIVITY ^{241}Am(α); measured Eγ, Iγ, Eα, Iα, $\alpha\gamma$-coin.; deduced γ-ray emission probabilities per decay. Comparison with Monte-Carlo code. JOUR ARISE 68 596

A=238

^{238}U	2009KAZT	RADIOACTIVITY ^{238}U(SF)[from in-flight fission at 345 MeV / nucleon]; measured A(fragment), Z(fragment), Eγ, Iγ(t), $\gamma\gamma$-coin; deduced ^{94,95}Br isomeric transition $T_{1/2}$. REPT RIKEN 2008 Annual,Pxv,Kameda
	2009LOZZ	RADIOACTIVITY ^{238}U(SF); measured Sn fragments, Eγ, Iγ, particle-γ-coin., ; deduced J, π, high-spin states, isomeric transitions, half-life. CONF Cologne (Capture Gamma-Ray Spectroscopy) Proc,P164,Lozeva
	2010NOZZ	NUCLEAR REACTIONS ^{238}U(α, xnF), E=62 MeV; measured Eγ, Iγ from β decays of the ^{28}Mg, ^{28}Al, ^{28}Si chain [from ^{25}Mg(xn, (x-3)n)^{28}Mg]. ^{238}U; deduced yields relation Y(xn) / Y(2-fission). Cyclotron, activation method, enriched target, Compton suppressed Ge-detector. CONF St.-Petersburg,P80,Novatsky
	2010YE02	NUCLEAR REACTIONS ^{235}U(γ, γ') E=3.5, 4.4 MeV; measured Eγ, Iγ, $\gamma(\theta)$, integrated cross sections of γ rays. ^{235}U; deduced levels, B(M1), B(E1) strengths. ^{232}Th, ^{235,236,238}U; systematics of M1 strength functions. JOUR PRVCA 81 044309

A=238 ***(continued)***

	2010ZH09	NUCLEAR REACTIONS ^{238}U(^{207}Pb, ^{207}Pb'), E=1400 MeV; measured Eγ, $\gamma\gamma$-coin using Gammasphere array, unsafe Coulomb excitation. ^{238}U; deduced levels, J, π, bands, Routhians, double-octupole phonon excitation. Comparison with band structures in ^{240}Pu. JOUR PRVCA 81 041306
^{238}Np	2008BRZW	NUCLEAR REACTIONS ^{232}Th, ^{233}Pa, ^{234,235}U, ^{241,242}Am, ^{244}Cm, ^{237}Np, ^{238}Pu(n, γ), E=reactor spectrum; ^{242}Am, ^{245}Cm(n, f), E=reactor spectrum; measured Eγ, Iγ, Eα, Iα, A(fragment); deduced average σ, σ(E=25.3meV). CONF Nice (Nucl Data for Sci and Technol) Proc,P619
	2008GUZN	NUCLEAR REACTIONS ^{237}Np, ^{240}Pu(n, γ), E=1 eV-2 keV; measured Eγ, Iγ, $\gamma\gamma$-coin.; deduced yield, σ, average resonance width. Compared to other data, ENDF / B-VII, JEFF-3.1, JENDL-3.3. Other data from transmission measurements. CONF Nice (Nucl Data for Sci and Technol) Proc,P627
	2008KRZU	NUCLEAR REACTIONS ^{238}U(^{48}Ca, ^{48}K), E=330 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, (particle)γ-coin; deduced ^{48}K E, J, π. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P531
	2008MIZR	NUCLEAR REACTIONS ^{237}Np(n, γ), E=0.015-20 eV; measured Eγ, Iγ, $\gamma\gamma$-coin.; deduced σ. Compared to JENDL-3.3. CONF Nice (Nucl Data for Sci and Technol) Proc,P591
	2010CO02	NUCLEAR REACTIONS ^{197}Au, ^{151}Sm, Pb, ^{204,206,207,208}Pb, ^{209}Bi, ^{139}La, ^{232}Th, ^{24,25,26}Mg, ^{90,91,92,93,94,95,96}Zr, ^{186,187,188}Os, ^{233,234,235,236,238}U, ^{237}Np, ^{240}Pu, ^{241,243}Am, ^{245}Cm(n, γ), E=0.001-1 MeV; measured Eγ, Iγ, fission fragments; deduced σ. JOUR ARISE 68 643
	2010LE01	RADIOACTIVITY ^{238}Np, ^{60}Co(β^-), ^{237}Np, ^{238}Pu(α); measured Eγ, Iγ, Eα, Iα; deduced γ-ray emission probabilities from β^--decay of ^{238}Np. JOUR ARISE 68 432
	2010LE01	NUCLEAR REACTIONS ^{237}Np, ^{59}Co(n, γ), E not given; measured Eγ, Iγ; deduced σ. JOUR ARISE 68 432
^{238}Pu	2008WAZN	NUCLEAR REACTIONS ^{238,240,242}Pu(γ, γ'), E not given; measured Coulomb excitation Eγ, I$\gamma(\theta)$, $\gamma\gamma$-coin; deduced levels, J, π, yrast, bands, inertia moments. Results on CD only. CONF E.Lansing (NS2008),P192,Wang
	2008XXZY	RADIOACTIVITY ^{241}Am(α), ^{242}Cm(α)[from ^{241}Am(n, γ)^{242}Am(β^-)]; measured Eα, Iα; deduced ^{242}Cm yield. CONF Nice (Nucl Data for Sci and Technol) Proc,P425
	2010DW01	ATOMIC MASSES ^{232}U, ^{236,238}Pu, ^{240,241,242}Cm, ^{244,245,246}Cf, ^{248,249,250}Fm, ^{252,253,254}No, ^{256,257,258}Rf, ^{260,261,262}Sg, ^{264,265,266}Hs, ^{268,269,270}Ds; compiled and evaluated mass excesses. JOUR PRVCA 81 064312
	2010LE01	RADIOACTIVITY ^{238}Np, ^{60}Co(β^-), ^{237}Np, ^{238}Pu(α); measured Eγ, Iγ, Eα, Iα; deduced γ-ray emission probabilities from β^--decay of ^{238}Np. JOUR ARISE 68 432

A=238 *(continued)*

^{238}Bk	2010AN08	RADIOACTIVITY ^{242,243}Es, ^{246,247}Md(α), (SF); ^{246}Md(EC) [from ^{209}Bi(^{40}Ar, 2n), (^{40}Ar, 3n), E=187, 198 MeV and subsequent decays]; measured Eγ, Iγ, Eα, Iα, $\alpha\gamma$-, $\alpha\alpha$-coin; deduced Q, branching ratios, $T_{1/2}$. Comparison with other data and calculations. JOUR ZAANE 43 35

A=239

^{239}U	2008GRZS	RADIOACTIVITY ^{239}U(β^-)[from ^{238}U(n, γ)]; measured Eγ, Iγ(t);deduced γ intensities; X-ray intensities. Compared to literature. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P264
	2008OBZZ	NUCLEAR REACTIONS ^{235}U(n, f), E=thermal, fast; measured fission fragments in time; deduced $T_{1/2}$; Pb(n, xn)^{206}Pb, E=5.1, 6.2, 7.0 MeV; measured Eγ, Iγ(t); deduced isomeric transition, spin population; ^{234}U(n, f), E=0.95, 1.27 MeV; measured fission fragments in time; deduced ^{235}U shape isomer σ, $T_{1/2}$; U(n, x)^{239}U, E≈1 MeV; measured Eγ, Iγ(t); deduced ^{239}U superdeformation ground state, isomeric transitions. NEPTUNE spectrometer. CONF Nice (Nucl Data for Sci and Technol) Proc,P53
	2009BOZV	NUCLEAR REACTIONS ^{238}U(d, f), (d, pf), E=124 MeV; measured A≈70-160 yields, TKE. ^{238}U(d, p), E=124 MeV; measured σ(E, θ). CONF Dub(Nucl Struct and Dynamics,09) Proc,P140
	2010AD13	NUCLEAR REACTIONS ^{232}Th(n, γ), (n, 2n), (n, F)^{99}Mo, ^{235,238}U(n, γ), (n, F)^{99}Mo / ^{132}Te / ^{133}I / ^{135}I / ^{135}Xe / ^{140}Ba / ^{143}Ce, E=thermal-1000 MeV [from ^{208}Pb(d, X), E=1.6 GeV spallation source]; measured Eγ, Iγ using HPGe detectors; deduced σ, reaction and transmutation rates. Comparison with simulations and TARC experimental data. JOUR ZAANE 43 159
	2010CO02	NUCLEAR REACTIONS ^{197}Au, ^{151}Sm, Pb, ^{204,206,207,208}Pb, ^{209}Bi, ^{139}La, ^{232}Th, ^{24,25,26}Mg, ^{90,91,92,93,94,95,96}Zr, ^{186,187,188}Os, ^{233,234,235,236,238}U, ^{237}Np, ^{240}Pu, ^{241,243}Am, ^{245}Cm(n, γ), E=0.001-1 MeV; measured Eγ, Iγ, fission fragments; deduced σ. JOUR ARISE 68 643
^{239}Np	2008GRZS	RADIOACTIVITY ^{239}U(β^-)[from ^{238}U(n, γ)]; measured Eγ, Iγ(t);deduced γ intensities; X-ray intensities. Compared to literature. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P264
^{239}Pu	2008BRZW	NUCLEAR REACTIONS ^{232}Th, ^{233}Pa, ^{234,235}U, ^{241,242}Am, ^{244}Cm, ^{237}Np, ^{238}Pu(n, γ), E=reactor spectrum; ^{242}Am, ^{245}Cm(n, f), E=reactor spectrum; measured Eγ, Iγ, Eα, Iα, A(fragment); deduced average σ, σ(E=25.3meV). CONF Nice (Nucl Data for Sci and Technol) Proc,P619
	2009KOZV	RADIOACTIVITY ^{253,254}Es(α), ^{255}Fm(α); measured Eα, Iα, Eγ, Iγ, $\alpha\gamma$-coin., $\gamma\gamma$-coin.; deduced ^{249,250}Bk, ^{251}Cf E, J, π, vibrational bands; ^{243}Cm(α); measured Eα, Iα; deduced α emission probabilities; ^{249}Cf(α); measured Eα, Iα; deduced ^{245}Cm half-life. CONF Cologne (Capture Gamma-Ray Spectroscopy) Proc,P199,Kondev

A=239 *(continued)*

^{239}Bk	2010AN08	RADIOACTIVITY ^{242,243}Es, ^{246,247}Md(α), (SF); ^{246}Md(EC) [from ^{209}Bi(^{40}Ar, 2n), (^{40}Ar, 3n), E=187, 198 MeV and subsequent decays]; measured Eγ, Iγ, Eα, Iα, $\alpha\gamma$-, $\alpha\alpha$-coin; deduced Q, branching ratios, $T_{1/2}$. Comparison with other data and calculations. JOUR ZAANE 43 35

A=240

^{240}Pu	2008KOZK	NUCLEAR REACTIONS ^{240}Pu(n, n'), E≈0.95-1.15 eV;^{242}Pu(n, n'), E≈2.45-2.85 eV; measured En, In; deduced resonance width. Studied effect of temperature. CONF Nice (Nucl Data for Sci and Technol) Proc,P623
	2008KOZP	RADIOACTIVITY ^{240}Pu, ^{245,246}Cm, ^{250}Cf(α) [from ^{250}Cf]; measured Eα, Iα; deduced $T_{1/2}$, α-decay energies, Pα. Compared to published data. CONF Nice (Nucl Data for Sci and Technol) Proc,P93
	2008WAZN	NUCLEAR REACTIONS ^{238,240,242}Pu(γ, γ'), E not given; measured Coulomb excitation Eγ, I$\gamma(\theta)$, $\gamma\gamma$-coin; deduced levels, J, π, yrast, bands, inertia moments. Results on CD only. CONF E.Lansing (NS2008),P192,Wang
^{240}Am	2008VIZX	NUCLEAR REACTIONS ^{241}Am(n, 2n), E=7.6-14.5 MeV; ^{241}Am(n, γ), E≈0.03 eV - 100 keV; measured Eγ, Iγ; deduced σ. Compared to other data, ENDF / B-VII, JENDL-3.3, JEFF-3.1. CONF Nice (Nucl Data for Sci and Technol) Proc,P551
	2010SA15	NUCLEAR REACTIONS ^{241}Am(n, 2n), E=8-21 MeV; measured Eγ, Iγ; deduced σ, σ(E) by activation method. Comparison with nuclear model calculations using the TALYS code, and with evaluated data such as ENSDF / B-VII. JOUR PRVCA 81 064604
^{240}Cm	2010DW01	ATOMIC MASSES ^{232}U, ^{236,238}Pu, ^{240,241,242}Cm, ^{244,245,246}Cf, ^{248,249,250}Fm, ^{252,253,254}No, ^{256,257,258}Rf, ^{260,261,262}Sg, ^{264,265,266}Hs, ^{268,269,270}Ds; compiled and evaluated mass excesses. JOUR PRVCA 81 064312

A=241

^{241}Pu	2008GUZN	NUCLEAR REACTIONS ^{237}Np, ^{240}Pu(n, γ), E=1 eV-2 keV; measured Eγ, Iγ, $\gamma\gamma$-coin.; deduced yield, σ, average resonance width. Compared to other data, ENDF / B-VII, JEFF-3.1, JENDL-3.3. Other data from transmission measurements. CONF Nice (Nucl Data for Sci and Technol) Proc,P627
	2008KOZP	RADIOACTIVITY ^{240}Pu, ^{245,246}Cm, ^{250}Cf(α) [from ^{250}Cf]; measured Eα, Iα; deduced $T_{1/2}$, α-decay energies, Pα. Compared to published data. CONF Nice (Nucl Data for Sci and Technol) Proc,P93
	2010CO02	NUCLEAR REACTIONS ^{197}Au, ^{151}Sm, Pb, ^{204,206,207,208}Pb, ^{209}Bi, ^{139}La, ^{232}Th, ^{24,25,26}Mg, ^{90,91,92,93,94,95,96}Zr, ^{186,187,188}Os, ^{233,234,235,236,238}U, ^{237}Np, ^{240}Pu, ^{241,243}Am, ^{245}Cm(n, γ), E=0.001-1 MeV; measured Eγ, Iγ, fission fragments; deduced σ. JOUR ARISE 68 643

A=241 ***(continued)***

^{241}Am	2008XXZY	RADIOACTIVITY ^{241}Am(α), ^{242}Cm(α)[from ^{241}Am(n, γ)^{242}Am(β^-)]; measured Eα, Iα; deduced ^{242}Cm yield. CONF Nice (Nucl Data for Sci and Technol) Proc,P425
	2010MO01	RADIOACTIVITY ^{241}Am(α); measured Eγ, Iγ, Eα, Iα, $\alpha\gamma$-coin.; deduced γ-ray emission probabilities per decay. Comparison with Monte-Carlo code. JOUR ARISE 68 596
^{241}Cm	2010DW01	ATOMIC MASSES ^{232}U, ^{236,238}Pu, ^{240,241,242}Cm, ^{244,245,246}Cf, ^{248,249,250}Fm, ^{252,253,254}No, ^{256,257,258}Rf, ^{260,261,262}Sg, ^{264,265,266}Hs, ^{268,269,270}Ds; compiled and evaluated mass excesses. JOUR PRVCA 81 064312

A=242

^{242}Pu	2008KOZK	NUCLEAR REACTIONS ^{240}Pu(n, n'), E≈0.95-1.15 eV;^{242}Pu(n, n'), E≈2.45-2.85 eV; measured En, In; deduced resonance width. Studied effect of temperature. CONF Nice (Nucl Data for Sci and Technol) Proc,P623
	2008KOZP	RADIOACTIVITY ^{240}Pu, ^{245,246}Cm, ^{250}Cf(α) [from ^{250}Cf]; measured Eα, Iα; deduced $T_{1/2}$, α-decay energies, Pα. Compared to published data. CONF Nice (Nucl Data for Sci and Technol) Proc,P93
	2008WAZN	NUCLEAR REACTIONS ^{238,240,242}Pu(γ, γ'), E not given; measured Coulomb excitation Eγ, I$\gamma(\theta)$, $\gamma\gamma$-coin; deduced levels, J, π, yrast, bands, inertia moments. Results on CD only. CONF E.Lansing (NS2008),P192,Wang
^{242}Am	2008BRZW	NUCLEAR REACTIONS ^{232}Th, ^{233}Pa, ^{234,235}U, ^{241,242}Am, ^{244}Cm, ^{237}Np, ^{238}Pu(n, γ), E=reactor spectrum; ^{242}Am, ^{245}Cm(n, f), E=reactor spectrum; measured Eγ, Iγ, Eα, Iα, A(fragment); deduced average σ, σ(E=25.3meV). CONF Nice (Nucl Data for Sci and Technol) Proc,P619
	2008JUZY	NUCLEAR REACTIONS ^{243}Am(^{3}He, d), E=24, 30 MeV; ^{243}Am(^{3}He, t), E=24, 30 MeV; ^{243}Am(^{3}He, α), E=24, 30 MeV; measured Eγ, Iγ, E(fragment), θ(fragment), I(fragment); deduced ^{241,242,243}Am(n, f) σ. Compared to data, ENDFB-VII, JENDL-3.3, JEFF-3.1 / A. CONF Nice (Nucl Data for Sci and Technol) Proc,P331
	2008VIZX	NUCLEAR REACTIONS ^{241}Am(n, 2n), E=7.6-14.5 MeV; ^{241}Am(n, γ), E≈0.03 eV - 100 keV; measured Eγ, Iγ; deduced σ. Compared to other data, ENDF / B-VII, JENDL-3.3, JEFF-3.1. CONF Nice (Nucl Data for Sci and Technol) Proc,P551
	2008XXZY	NUCLEAR REACTIONS ^{241}Am(n, f), E=reactor spectrum; measured I(fragment); deduced σ, isomeric transition, yield; ^{241}Am(n, γ), E=reactor spectrum; measured Eα, Iα; deduced σ, isomeric transition. Compared to other data and ENDF / B-VII. CONF Nice (Nucl Data for Sci and Technol) Proc,P425
	2010CO02	NUCLEAR REACTIONS ^{197}Au, ^{151}Sm, Pb, ^{204,206,207,208}Pb, ^{209}Bi, ^{139}La, ^{232}Th, ^{24,25,26}Mg, ^{90,91,92,93,94,95,96}Zr, ^{186,187,188}Os, ^{233,234,235,236,238}U, ^{237}Np, ^{240}Pu, ^{241,243}Am, ^{245}Cm(n, γ), E=0.001-1 MeV; measured Eγ, Iγ, fission fragments; deduced σ. JOUR ARISE 68 643

A=242 ***(continued)***

	2010HA24	NUCLEAR REACTIONS ^{242m}Am(^{40}Ar, ^{40}Ar'), E=170.5 MeV; measured Eγ, Iγ, (particle)γ-, $\gamma\gamma$-coin using Gammasphere array. ^{242}Am; deduced levels, J, π, rotational bands, Nilsson configurations, band parameters, alignments, B(E1), B(E2) and B(E3) strengths. Coulomb excitation. Comparison of alignment of the observed bands in ^{242}Am with single-particle alignments in ^{241}Am and with particle-rotor model calculations. JOUR PRVCA 82 044319
	2010KE05	NUCLEAR REACTIONS ^{243}Am(^{3}He, d), (^{3}He, t), (^{3}He, α), E=24, 30 MeV; ^{242,243}Cm, ^{241}Am(n, F), E<10 MeV; measured surrogate reaction products; deduced fission σ. Comparison with experimental data, JENDL-3.3, ENDF / B-VII.0 and JEFF-3.1 libraries. JOUR PYLBB 692 297
^{242}Cm	2008XXZY	RADIOACTIVITY ^{241}Am(α), ^{242}Cm(α)[from ^{241}Am(n, γ)^{242}Am(β^-)]; measured Eα, Iα; deduced ^{242}Cm yield. CONF Nice (Nucl Data for Sci and Technol) Proc,P425
	2010DW01	ATOMIC MASSES ^{232}U, ^{236,238}Pu, ^{240,241,242}Cm, ^{244,245,246}Cf, ^{248,249,250}Fm, ^{252,253,254}No, ^{256,257,258}Rf, ^{260,261,262}Sg, ^{264,265,266}Hs, ^{268,269,270}Ds; compiled and evaluated mass excesses. JOUR PRVCA 81 064312
^{242}Es	2010AN08	NUCLEAR REACTIONS ^{209}Bi(^{40}Ar, 2n), (^{40}Ar, 3n), E=187, 198 MeV; measured Eγ, Iγ, Eα, Iα, $\alpha\gamma$-, $\alpha\alpha$-coin; deduced σ. ^{242}Es, ^{243}Es, ^{246}Fm, ^{246,247}Md; deduced levels, J, π, Q, branching ratios, $T_{1/2}$. Comparison with other data and calculations. JOUR ZAANE 43 35
	2010AN08	RADIOACTIVITY ^{242,243}Es, ^{246,247}Md(α), (SF); ^{246}Md(EC) [from ^{209}Bi(^{40}Ar, 2n), (^{40}Ar, 3n), E=187, 198 MeV and subsequent decays]; measured Eγ, Iγ, Eα, Iα, $\alpha\gamma$-, $\alpha\alpha$-coin; deduced Q, branching ratios, $T_{1/2}$. Comparison with other data and calculations. JOUR ZAANE 43 35

A=243

^{243}Pu	2008LEZO	NUCLEAR REACTIONS ^{170}Er, ^{180}Hf, ^{242}Pu, ^{232}Th(n, γ), E=reactor spectrum; measured Eγ, Iγ; deduced ^{171}Er, ^{181}Hf, ^{243}Pu, ^{233}Pa integral σ; compared to JEFF-3.1. CONF Nice (Nucl Data for Sci and Technol) Proc,P521
^{243}Am	2008BRZW	NUCLEAR REACTIONS ^{232}Th, ^{233}Pa, ^{234,235}U, ^{241,242}Am, ^{244}Cm, ^{237}Np, ^{238}Pu(n, γ), E=reactor spectrum; ^{242}Am, ^{245}Cm(n, f), E=reactor spectrum; measured Eγ, Iγ, Eα, Iα, A(fragment); deduced average σ, σ(E=25.3meV). CONF Nice (Nucl Data for Sci and Technol) Proc,P619
	2008PAZR	NUCLEAR REACTIONS ^{151}Eu(n, γ), E=0.2 eV - 100 keV; measured Eγ, Iγ, $\gamma\gamma$-coin.; deduced σ; ^{242}Am(n, γ), E≈2-100 eV; measured Eγ, Iγ, E(fragment), I(fragment), (fragment)-γ coin.; deduced σ. Compared to other data. DICEBOX, GEANT-4, DANCE. CONF Nice (Nucl Data for Sci and Technol) Proc,P491

A=243 ***(continued)***

	2009JAZY	NUCLEAR REACTIONS ^{242}Am(n, γ), E≈2-9 eV isomeric state; ^{243}Am(n, γ), E≈10 eV-250 keV; measured Eγ, Iγ, $\gamma\gamma$-coin.; deduced σ. DANCE. CONF Cologne (Capture Gamma-Ray Spectroscopy) Proc,P220,Jandel
^{243}Cm	2008JUZY	NUCLEAR REACTIONS ^{243}Am(^{3}He, d), E=24, 30 MeV; ^{243}Am(^{3}He, t), E=24, 30 MeV; ^{243}Am(^{3}He, α), E=24, 30 MeV; measured Eγ, Iγ, E(fragment), θ(fragment), I(fragment); deduced ^{241,242,243}Am(n, f) σ. Compared to data, ENDFB-VII, JENDL-3.3, JEFF-3.1 / A. CONF Nice (Nucl Data for Sci and Technol) Proc,P331
	2009KOZV	RADIOACTIVITY ^{253,254}Es(α), ^{255}Fm(α); measured Eα, Iα, Eγ, Iγ, $\alpha\gamma$-coin., $\gamma\gamma$-coin.; deduced ^{249,250}Bk, ^{251}Cf E, J, π, vibrational bands; ^{243}Cm(α); measured Eα, Iα; deduced α emission probabilities; ^{249}Cf(α); measured Eα, Iα; deduced ^{245}Cm half-life. CONF Cologne (Capture Gamma-Ray Spectroscopy) Proc,P199,Kondev
	2010KE05	NUCLEAR REACTIONS ^{243}Am(^{3}He, d), (^{3}He, t), (^{3}He, α), E=24, 30 MeV; ^{242,243}Cm, ^{241}Am(n, F), E<10 MeV; measured surrogate reaction products; deduced fission σ. Comparison with experimental data, JENDL-3.3, ENDF / B-VII.0 and JEFF-3.1 libraries. JOUR PYLBB 692 297
^{243}Es	2010AN08	NUCLEAR REACTIONS ^{209}Bi(^{40}Ar, 2n), (^{40}Ar, 3n), E=187, 198 MeV; measured Eγ, Iγ, Eα, Iα, $\alpha\gamma$-, $\alpha\alpha$-coin; deduced σ. ^{242}Es, ^{243}Es, ^{246}Fm, ^{246,247}Md; deduced levels, J, π, Q, branching ratios, $T_{1/2}$. Comparison with other data and calculations. JOUR ZAANE 43 35
	2010AN08	RADIOACTIVITY ^{242,243}Es, ^{246,247}Md(α), (SF); ^{246}Md(EC) [from ^{209}Bi(^{40}Ar, 2n), (^{40}Ar, 3n), E=187, 198 MeV and subsequent decays]; measured Eγ, Iγ, Eα, Iα, $\alpha\gamma$-, $\alpha\alpha$-coin; deduced Q, branching ratios, $T_{1/2}$. Comparison with other data and calculations. JOUR ZAANE 43 35

A=244

^{244}Pu	2008TAZA	NUCLEAR REACTIONS ^{248}Cm(^{209}Bi, X), E=1450 MeV;^{249}Cf(^{207}Pb, X), E=1430 MeV; measured Z(particle), A(particle), Eγ, Iγ, (particle)(particle)-coin. ^{247,249}Cm, ^{249}Cf, ^{253}No deduced levels, J, π, bands, band crossing. ^{247}Cm, ^{249}Cf deduced g-factor. ^{244}Pu deduced neutron alignment. Results on CD only. CONF E.Lansing (NS2008),P184,Tandel
^{244}Am	2009JAZY	NUCLEAR REACTIONS ^{242}Am(n, γ), E≈2-9 eV isomeric state; ^{243}Am(n, γ), E≈10 eV-250 keV; measured Eγ, Iγ, $\gamma\gamma$-coin.; deduced σ. DANCE. CONF Cologne (Capture Gamma-Ray Spectroscopy) Proc,P220,Jandel
	2010CO02	NUCLEAR REACTIONS ^{197}Au, ^{151}Sm, Pb, ^{204,206,207,208}Pb, ^{209}Bi, ^{139}La, ^{232}Th, ^{24,25,26}Mg, ^{90,91,92,93,94,95,96}Zr, ^{186,187,188}Os, ^{233,234,235,236,238}U, ^{237}Np, ^{240}Pu, ^{241,243}Am, ^{245}Cm(n, γ), E=0.001-1 MeV; measured Eγ, Iγ, fission fragments; deduced σ. JOUR ARISE 68 643

A=244 *(continued)*

^{244}Cm	2008JUZY	NUCLEAR REACTIONS ^{243}Am(^{3}He, d), E=24, 30 MeV; ^{243}Am(^{3}He, t), E=24, 30 MeV; ^{243}Am(^{3}He, α), E=24, 30 MeV; measured Eγ, Iγ, E(fragment), θ(fragment), I(fragment); deduced ^{241,242,243}Am(n, f) σ. Compared to data, ENDFB-VII, JENDL-3.3, JEFF-3.1 / A. CONF Nice (Nucl Data for Sci and Technol) Proc,P331
	2010KE05	NUCLEAR REACTIONS ^{243}Am(^{3}He, d), (^{3}He, t), (^{3}He, α), E=24, 30 MeV; ^{242,243}Cm, ^{241}Am(n, F), E<10 MeV; measured surrogate reaction products; deduced fission σ. Comparison with experimental data, JENDL-3.3, ENDF / B-VII.0 and JEFF-3.1 libraries. JOUR PYLBB 692 297
^{244}Cf	2010DW01	ATOMIC MASSES ^{232}U, ^{236,238}Pu, ^{240,241,242}Cm, ^{244,245,246}Cf, ^{248,249,250}Fm, ^{252,253,254}No, ^{256,257,258}Rf, ^{260,261,262}Sg, ^{264,265,266}Hs, ^{268,269,270}Ds; compiled and evaluated mass excesses. JOUR PRVCA 81 064312

A=245

^{245}Cm	2008BRZW	NUCLEAR REACTIONS ^{232}Th, ^{233}Pa, ^{234,235}U, ^{241,242}Am, ^{244}Cm, ^{237}Np, ^{238}Pu(n, γ), E=reactor spectrum; ^{242}Am, ^{245}Cm(n, f), E=reactor spectrum; measured Eγ, Iγ, Eα, Iα, A(fragment); deduced average σ, σ(E=25.3meV). CONF Nice (Nucl Data for Sci and Technol) Proc,P619
	2008KOZP	RADIOACTIVITY ^{240}Pu, ^{245,246}Cm, ^{250}Cf(α) [from ^{250}Cf]; measured Eα, Iα; deduced $T_{1/2}$, α-decay energies, Pα. Compared to published data. CONF Nice (Nucl Data for Sci and Technol) Proc,P93
	2009KOZV	RADIOACTIVITY ^{253,254}Es(α), ^{255}Fm(α); measured Eα, Iα, Eγ, Iγ, $\alpha\gamma$-coin., $\gamma\gamma$-coin.; deduced ^{249,250}Bk, ^{251}Cf E, J, π, vibrational bands; ^{243}Cm(α); measured Eα, Iα; deduced α emission probabilities; ^{249}Cf(α); measured Eα, Iα; deduced ^{245}Cm half-life. CONF Cologne (Capture Gamma-Ray Spectroscopy) Proc,P199,Kondev
	2010GO24	NUCLEAR REACTIONS ^{244}Cm(n, γ), E<200 eV; measured neutron time of flight, Eγ, Iγ; deduced the neutron capture σ ratios of ^{244}Cm resonances. JOUR JNSTA 47 1097
^{245}Cf	2010DW01	ATOMIC MASSES ^{232}U, ^{236,238}Pu, ^{240,241,242}Cm, ^{244,245,246}Cf, ^{248,249,250}Fm, ^{252,253,254}No, ^{256,257,258}Rf, ^{260,261,262}Sg, ^{264,265,266}Hs, ^{268,269,270}Ds; compiled and evaluated mass excesses. JOUR PRVCA 81 064312
	2010YE06	RADIOACTIVITY ^{249}Fm(EC), (α); measured Eγ, γ; deduced energy spectrum of γ-rays, E(ce). JOUR PRAMC 75 3

A=246

^{246}Cm	2008KOZP	RADIOACTIVITY ^{240}Pu, ^{245,246}Cm, ^{250}Cf(α) [from ^{250}Cf]; measured Eα, Iα; deduced $T_{1/2}$, α-decay energies, Pα. Compared to published data. CONF Nice (Nucl Data for Sci and Technol) Proc,P93

A=246 ***(continued)***

	2008TAZE	NUCLEAR REACTIONS ^{208}Pb(^{48}Ca, x)^{254}No, E not given; ^{206}Pb(^{48}Ca, x)^{252}No, E not given; ^{204}Hg(^{48}Ca, x)^{250}Fm, E not given; ^{248}Cm(^{209}Bi, x)^{248}Cm, E not given; ^{248}Cm(^{209}Bi, x)^{246}Cm, E not given; measured Eγ, Iγ(t), I(ce); deduced K-isomer decay, $T_{1/2}$, 2qp configurations. Compared to calculations of the same group (another presentation at the conference). CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P105
	2010COO2	NUCLEAR REACTIONS ^{197}Au, ^{151}Sm, Pb, ^{204,206,207,208}Pb, ^{209}Bi, ^{139}La, ^{232}Th, ^{24,25,26}Mg, ^{90,91,92,93,94,95,96}Zr, ^{186,187,188}Os, ^{233,234,235,236,238}U, ^{237}Np, ^{240}Pu, ^{241,243}Am, ^{245}Cm(n, γ), E=0.001-1 MeV; measured Eγ, Iγ, fission fragments; deduced σ. JOUR ARISE 68 643
^{246}Cf	2010DW01	ATOMIC MASSES ^{232}U, ^{236,238}Pu, ^{240,241,242}Cm, ^{244,245,246}Cf, ^{248,249,250}Fm, ^{252,253,254}No, ^{256,257,258}Rf, ^{260,261,262}Sg, ^{264,265,266}Hs, ^{268,269,270}Ds; compiled and evaluated mass excesses. JOUR PRVCA 81 064312
^{246}Fm	2010AN08	NUCLEAR REACTIONS ^{209}Bi(^{40}Ar, 2n), (^{40}Ar, 3n), E=187, 198 MeV; measured Eγ, Iγ, Eα, Iα, $\alpha\gamma$-, $\alpha\alpha$-coin; deduced σ. ^{242}Es, ^{243}Es, ^{246}Fm, ^{246,247}Md; deduced levels, J, π, Q, branching ratios, $T_{1/2}$. Comparison with other data and calculations. JOUR ZAANE 43 35
	2010AN08	RADIOACTIVITY ^{242,243}Es, ^{246,247}Md(α), (SF); ^{246}Md(EC) [from ^{209}Bi(^{40}Ar, 2n), (^{40}Ar, 3n), E=187, 198 MeV and subsequent decays]; measured Eγ, Iγ, Eα, Iα, $\alpha\gamma$-, $\alpha\alpha$-coin; deduced Q, branching ratios, $T_{1/2}$. Comparison with other data and calculations. JOUR ZAANE 43 35
	2010SV01	RADIOACTIVITY ^{246}Fm(SF)[from ^{208}Pb(^{40}Ar, 2n), E=186 MeV]; measured En, In(θ), Eα, Iα, E(particle), I(particle), (particle)n-coin; deduced neutron multiplicity, $T_{1/2}$, spontaneous fission branching ratio. JOUR ZAANE 44 393
	2010SV01	NUCLEAR REACTIONS ^{208}Pb(^{40}Ar, 2n), E=186 MeV; measured σ. JOUR ZAANE 44 393
	2010SVZZ	RADIOACTIVITY ^{246}Fm(SF) [from ^{208}Pb(^{40}Ar, 2n), E not given]; measured fission neutrons, $T_{1/2}$. ^{246}Fm; deduced SF-branching, medium neutrons per SF. Cyclotron, mass-separator, neutron detector. CONF St.-Petersburg,P199,Svirikhin
^{246}Md	2010AN08	NUCLEAR REACTIONS ^{209}Bi(^{40}Ar, 2n), (^{40}Ar, 3n), E=187, 198 MeV; measured Eγ, Iγ, Eα, Iα, $\alpha\gamma$-, $\alpha\alpha$-coin; deduced σ. ^{242}Es, ^{243}Es, ^{246}Fm, ^{246,247}Md; deduced levels, J, π, Q, branching ratios, $T_{1/2}$. Comparison with other data and calculations. JOUR ZAANE 43 35
	2010AN08	RADIOACTIVITY ^{242,243}Es, ^{246,247}Md(α), (SF); ^{246}Md(EC) [from ^{209}Bi(^{40}Ar, 2n), (^{40}Ar, 3n), E=187, 198 MeV and subsequent decays]; measured Eγ, Iγ, Eα, Iα, $\alpha\gamma$-, $\alpha\alpha$-coin; deduced Q, branching ratios, $T_{1/2}$. Comparison with other data and calculations. JOUR ZAANE 43 35

A=247

^{247}Cm	2008TAZA	NUCLEAR REACTIONS ^{248}Cm(^{209}Bi, X), E=1450 MeV;^{249}Cf(^{207}Pb, X), E=1430 MeV; measured Z(particle), A(particle), Eγ, Iγ, (particle)(particle)-coin. ^{247,249}Cm, ^{249}Cf, ^{253}No deduced levels, J, π, bands, band crossing. ^{247}Cm, ^{249}Cf deduced g-factor. ^{244}Pu deduced neutron alignment. Results on CD only. CONF E.Lansing (NS2008),P184,Tandel
	2010TA22	NUCLEAR REACTIONS ^{248}Cm(^{209}Bi, ^{210}Bi)^{247}Cm, E=1450 MeV; ^{250}Cm(^{209}Bi, ^{208}Bi)^{249}Cm, E=1450 MeV; ^{249}Cf(^{207}Pb, ^{207}Pb'), E=1430 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin using Gammasphere array. ^{247,249}Cm, ^{249}Cf; deduced levels, J, π, (g_K-g_R) / Q_0, alignments, Nilsson configurations, and rotational bands. ^{197}Au, ^{207}Pb, ^{208}Bi, ^{210}Bi; measured Eγ. Systematics of alignments for ^{244}Pu, ^{246}Cm, ^{248}Cf, ^{250}Fm and ^{252}No, Comparison with Woods-Saxon cranking calculations. JOUR PRVCA 82 041301
^{247}Md	2010AN08	NUCLEAR REACTIONS ^{209}Bi(^{40}Ar, 2n), (^{40}Ar, 3n), E=187, 198 MeV; measured Eγ, Iγ, Eα, Iα, $\alpha\gamma$-, $\alpha\alpha$-coin; deduced σ. ^{242}Es, ^{243}Es, ^{246}Fm, ^{246,247}Md; deduced levels, J, π, Q, branching ratios, $T_{1/2}$. Comparison with other data and calculations. JOUR ZAANE 43 35
	2010AN08	RADIOACTIVITY ^{242,243}Es, ^{246,247}Md(α), (SF); ^{246}Md(EC) [from ^{209}Bi(^{40}Ar, 2n), (^{40}Ar, 3n), E=187, 198 MeV and subsequent decays]; measured Eγ, Iγ, Eα, Iα, $\alpha\gamma$-, $\alpha\alpha$-coin; deduced Q, branching ratios, $T_{1/2}$. Comparison with other data and calculations. JOUR ZAANE 43 35

A=248

^{248}Cm	2008TAZE	NUCLEAR REACTIONS ^{208}Pb(^{48}Ca, x)^{254}No, E not given; ^{206}Pb(^{48}Ca, x)^{252}No, E not given; ^{204}Hg(^{48}Ca, x)^{250}Fm, E not given; ^{248}Cm(^{209}Bi, x)^{248}Cm, E not given; ^{248}Cm(^{209}Bi, x)^{246}Cm, E not given; measured Eγ, Iγ(t), I(ce); deduced K-isomer decay, $T_{1/2}$, 2qp configurations. Compared to calculations of the same group (another presentation at the conference). CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P105
	2009RZ02	RADIOACTIVITY ^{248}Cm, ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$, γ(t), and isomer half-lives using EUROGAM2 array. ^{142,144}Cs; deduced levels, J, π, bands, isomers and configurations. Comparison with quasiparticle rotor model (QPRM) calculations. JOUR PRVCA 80 064317
	2010RZ01	RADIOACTIVITY ^{248}Cm(SF); measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$ using EUROGAM2 array. ^{145}Cs; deduced levels, J, π, multipolarities, bands, configurations, electric dipole moment D_0. ^{101,102}Nb; measured Eγ. Comparison with quasiparticle-rotor model calculations. Z=54-64, N=84-92; systematics of D_0 parameter for even nuclei of even neutron number. JOUR PRVCA 82 017301

A=248 *(continued)*

	2010SI03	RADIOACTIVITY ^{248}Cm, ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin, and half-lives using Gammasphere and Eurogam-II arrays. ^{151}Ce, ^{153}Nd; deduced levels, J, π, bands, and configurations. Comparison with quasiparticle-rotor-model (QPRM) calculations. ^{151}Ce, ^{153}Nd, ^{155}Sm, ^{157}Gd, ^{159}Dy; systematics of bandheads. JOUR PRVCA 81 024313
	2010SI17	RADIOACTIVITY ^{248}Cm, ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$, and half-lives using EUROGAM-II and Gammasphere arrays. ^{91,93,95}Rb; deduced levels, J, π, isomers, transition probabilities, and configurations. Comparison with shell-model calculations. Systematics of low-lying levels in ^{89,91,93,95}Rb. ^{93}Rb, ^{95}Y; comparison of experimental and calculated spectra. JOUR PRVCA 82 024302
^{248}Cf	2010TA10	NUCLEAR REACTIONS ^{249,250,251}Cf(^{18}O, ^{16}O), (^{18}O, n^{16}O), (^{18}O, ^{17}O), (^{18}O, n^{17}O), (^{18}O, ^{18}O), (^{18}O, n^{18}O), (^{18}O, n^{18}O), , E=153 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin. ^{248,250,252}Cf; deduced levels, J, π, ground-state rotational bands, moments of inertia. Radioactive Cf target with 63% ^{249}Cf, 13% ^{250}Cf, 24% ^{251}Cf. JOUR PRVCA 81 057303
^{248}Es	2010ZH36	NUCLEAR REACTIONS ^{48}Ca(^{48}Ca, π^+), (^{48}Ca, π^-), ^{124}Sn(^{124}Sn, π^+), (^{124}Sn, π^-), ^{197}Au(^{197}Au, π^+), (^{197}Au, π^-), E=0.25-0.6 GeV / nucleon; measured pion production yield ratios; deduced radii, symmetry energy. Comparison with isobar model. JOUR NUPAB 834 567c
^{248}Fm	2010DW01	ATOMIC MASSES ^{232}U, ^{236,238}Pu, ^{240,241,242}Cm, ^{244,245,246}Cf, ^{248,249,250}Fm, ^{252,253,254}No, ^{256,257,258}Rf, ^{260,261,262}Sg, ^{264,265,266}Hs, ^{268,269,270}Ds; compiled and evaluated mass excesses. JOUR PRVCA 81 064312
^{248}Md	2010ZH36	NUCLEAR REACTIONS ^{48}Ca(^{48}Ca, π^+), (^{48}Ca, π^-), ^{124}Sn(^{124}Sn, π^+), (^{124}Sn, π^-), ^{197}Au(^{197}Au, π^+), (^{197}Au, π^-), E=0.25-0.6 GeV / nucleon; measured pion production yield ratios; deduced radii, symmetry energy. Comparison with isobar model. JOUR NUPAB 834 567c

A=249

^{249}Cm	2008TAZA	NUCLEAR REACTIONS ^{248}Cm(^{209}Bi, X), E=1450 MeV;^{249}Cf(^{207}Pb, X), E=1430 MeV; measured Z(particle), A(particle), Eγ, Iγ, (particle)(particle)-coin. ^{247,249}Cm, ^{249}Cf, ^{253}No deduced levels, J, π, bands, band crossing. ^{247}Cm, ^{249}Cf deduced g-factor. ^{244}Pu deduced neutron alignment. Results on CD only. CONF E.Lansing (NS2008),P184,Tandel
	2010TA22	NUCLEAR REACTIONS ^{248}Cm(^{209}Bi, ^{210}Bi)^{247}Cm, E=1450 MeV; ^{250}Cm(^{209}Bi, ^{208}Bi)^{249}Cm, E=1450 MeV; ^{249}Cf(^{207}Pb, ^{207}Pb'), E=1430 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin using Gammasphere array. ^{247,249}Cm, ^{249}Cf; deduced levels, J, π, (g_K-g_R) / Q_0, alignments, Nilsson configurations, and rotational bands. ^{197}Au, ^{207}Pb, ^{208}Bi, ^{210}Bi; measured Eγ. Systematics of alignments for ^{244}Pu, ^{246}Cm, ^{248}Cf, ^{250}Fm and ^{252}No, Comparison with Woods-Saxon cranking calculations. JOUR PRVCA 82 041301

A=249 ***(continued)***

^{249}Bk	2009KOZV	RADIOACTIVITY ^{253,254}Es(α), ^{255}Fm(α); measured Eα, Iα, Eγ, Iγ, $\alpha\gamma$-coin., $\gamma\gamma$-coin.; deduced ^{249,250}Bk, ^{251}Cf E, J, π, vibrational bands; ^{243}Cm(α); measured Eα, Iα; deduced α emission probabilities; ^{249}Cf(α); measured Eα, Iα; deduced ^{245}Cm half-life. CONF Cologne (Capture Gamma-Ray Spectroscopy) Proc,P199,Kondev
^{249}Cf	2008TAZA	NUCLEAR REACTIONS ^{248}Cm(^{209}Bi, X), E=1450 MeV;^{249}Cf(^{207}Pb, X), E=1430 MeV; measured Z(particle), A(particle), Eγ, Iγ, (particle)(particle)-coin. ^{247,249}Cm, ^{249}Cf, ^{253}No deduced levels, J, π, bands, band crossing. ^{247}Cm, ^{249}Cf deduced g-factor. ^{244}Pu deduced neutron alignment. Results on CD only. CONF E.Lansing (NS2008),P184,Tandel
	2009KOZV	RADIOACTIVITY ^{253,254}Es(α), ^{255}Fm(α); measured Eα, Iα, Eγ, Iγ, $\alpha\gamma$-coin., $\gamma\gamma$-coin.; deduced ^{249,250}Bk, ^{251}Cf E, J, π, vibrational bands; ^{243}Cm(α); measured Eα, Iα; deduced α emission probabilities; ^{249}Cf(α); measured Eα, Iα; deduced ^{245}Cm half-life. CONF Cologne (Capture Gamma-Ray Spectroscopy) Proc,P199,Kondev
	2010TA10	NUCLEAR REACTIONS ^{249,250,251}Cf(^{18}O, ^{16}O), (^{18}O, n^{16}O), (^{18}O, ^{17}O), (^{18}O, n^{17}O), (^{18}O, ^{18}O), (^{18}O, n^{18}O), (^{18}O, n^{18}O), , E=153 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin. ^{248,250,252}Cf; deduced levels, J, π, ground-state rotational bands, moments of inertia. Radioactive Cf target with 63% ^{249}Cf, 13% ^{250}Cf, 24% ^{251}Cf. JOUR PRVCA 81 057303
	2010TA22	NUCLEAR REACTIONS ^{248}Cm(^{209}Bi, ^{210}Bi)^{247}Cm, E=1450 MeV; ^{250}Cm(^{209}Bi, ^{208}Bi)^{249}Cm, E=1450 MeV; ^{249}Cf(^{207}Pb, ^{207}Pb'), E=1430 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin using Gammasphere array. ^{247,249}Cm, ^{249}Cf; deduced levels, J, π, (g_K-g_R) / Q_0, alignments, Nilsson configurations, and rotational bands. ^{197}Au, ^{207}Pb, ^{208}Bi, ^{210}Bi; measured Eγ. Systematics of alignments for ^{244}Pu, ^{246}Cm, ^{248}Cf, ^{250}Fm and ^{252}No, Comparison with Woods-Saxon cranking calculations. JOUR PRVCA 82 041301
^{249}Es	2010YE06	RADIOACTIVITY ^{249}Fm(EC), (α); measured Eγ, γ; deduced energy spectrum of γ-rays, E(ce). JOUR PRAMC 75 3
^{249}Fm	2010DW01	ATOMIC MASSES ^{232}U, ^{236,238}Pu, ^{240,241,242}Cm, ^{244,245,246}Cf, ^{248,249,250}Fm, ^{252,253,254}No, ^{256,257,258}Rf, ^{260,261,262}Sg, ^{264,265,266}Hs, ^{268,269,270}Ds; compiled and evaluated mass excesses. JOUR PRVCA 81 064312
	2010YE06	RADIOACTIVITY ^{249}Fm(EC), (α); measured Eγ, γ; deduced energy spectrum of γ-rays, E(ce). JOUR PRAMC 75 3
^{249}Md	2010HE11	RADIOACTIVITY ^{253}Lr, ^{257}Db, ^{261}Bh(α) [^{209}Bi(^{54}Cr, 2n), E=271 MeV]; measured Eα, Iα, Eγ, $\alpha\gamma$-coin; calculated $T_{1/2}$, hindrance factors. ^{257}Db, ^{261}Bh; deduced levels, J, π. JOUR ZAANE 43 175

A=250

^{250}Bk	2009KOZV	RADIOACTIVITY ^{253,254}Es(α), ^{255}Fm(α); measured Eα, Iα, Eγ, Iγ, $\alpha\gamma$-coin., $\gamma\gamma$-coin.; deduced ^{249,250}Bk, ^{251}Cf E, J, π, vibrational bands; ^{243}Cm(α); measured Eα, Iα; deduced α emission probabilities; ^{249}Cf(α); measured Eα, Iα; deduced ^{245}Cm half-life. CONF Cologne (Capture Gamma-Ray Spectroscopy) Proc,P199,Kondev
	2010GU05	NUCLEAR MOMENTS ^{253,254}Es, ^{255}Fm, ^{250}Bk; measured hyperfine spectra, angular distributions of α particles and γ-rays; deduced magnetic moments. JOUR BRSPE 74 535
^{250}Cf	2008KOZP	RADIOACTIVITY ^{240}Pu, ^{245,246}Cm, ^{250}Cf(α) [from ^{250}Cf]; measured Eα, Iα; deduced $T_{1/2}$, α-decay energies, Pα. Compared to published data. CONF Nice (Nucl Data for Sci and Technol) Proc,P93
	2010TA10	NUCLEAR REACTIONS ^{249,250,251}Cf(^{18}O, ^{16}O), (^{18}O, n^{16}O), (^{18}O, ^{17}O), (^{18}O, n^{17}O), (^{18}O, ^{18}O), (^{18}O, n^{18}O), (^{18}O, n^{18}O), , E=153 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin. ^{248,250,252}Cf; deduced levels, J, π, ground-state rotational bands, moments of inertia. Radioactive Cf target with 63% ^{249}Cf, 13% ^{250}Cf, 24% ^{251}Cf. JOUR PRVCA 81 057303
	2010VE03	RADIOACTIVITY ^{250,252}Cf(SF); measured ternary α, triton and ^{6}He emission probabilities, fission spectra, α-spectra, triton-spectra and ^{6}He-spectra using energy loss telescope detectors. Comparison with other data and systematics. JOUR NUPAB 837 176
^{250}Es	2010HE10	RADIOACTIVITY ^{254}Md, ^{254}No(α), (EC) [from ^{208}Pb(^{48}Ca, 2n), E=213.6, 218.4 MeV]; measured Eγ, Iγ, Eα, Iα, E(ce), I(ce), $\gamma\gamma$-, γ(ce)-coin; deduced branching ratios, bands, levels, J, π, $T_{1/2}$, configurations. JOUR ZAANE 43 55
^{250}Fm	2008ROZW	NUCLEAR REACTIONS ^{204}Hg(^{48}Ca, 2n), E=211 MeV; measured E(ce), I(ce), Eγ, Iγ, $\gamma\gamma$-coin, delayed Eγ, delayed Iγ; deduced levels, J, π, branching, g-factor, B(M1), B(E2), isomeric transition. Comparison with ^{252,254}No. Results on CD only. CONF E.Lansing (NS2008),P171,Rostron
	2008TAZE	NUCLEAR REACTIONS ^{208}Pb(^{48}Ca, x)^{254}No, E not given; ^{206}Pb(^{48}Ca, x)^{252}No, E not given; ^{204}Hg(^{48}Ca, x)^{250}Fm, E not given; ^{248}Cm(^{209}Bi, x)^{248}Cm, E not given; ^{248}Cm(^{209}Bi, x)^{246}Cm, E not given; measured Eγ, Iγ(t), I(ce); deduced K-isomer decay, $T_{1/2}$, 2qp configurations. Compared to calculations of the same group (another presentation at the conference). CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P105
	2010DW01	ATOMIC MASSES ^{232}U, ^{236,238}Pu, ^{240,241,242}Cm, ^{244,245,246}Cf, ^{248,249,250}Fm, ^{252,253,254}No, ^{256,257,258}Rf, ^{260,261,262}Sg, ^{264,265,266}Hs, ^{268,269,270}Ds; compiled and evaluated mass excesses. JOUR PRVCA 81 064312
	2010HE10	RADIOACTIVITY ^{254}Md, ^{254}No(α), (EC) [from ^{208}Pb(^{48}Ca, 2n), E=213.6, 218.4 MeV]; measured Eγ, Iγ, Eα, Iα, E(ce), I(ce), $\gamma\gamma$-, γ(ce)-coin; deduced branching ratios, bands, levels, J, π, $T_{1/2}$, configurations. JOUR ZAANE 43 55

A=251

^{251}Cm	2010TA22	NUCLEAR REACTIONS ^{248}Cm(^{209}Bi, ^{210}Bi)^{247}Cm, E=1450 MeV; ^{250}Cm(^{209}Bi, ^{208}Bi)^{249}Cm, E=1450 MeV; ^{249}Cf(^{207}Pb, ^{207}Pb'), E=1430 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin using Gammasphere array. ^{247,249}Cm, ^{249}Cf; deduced levels, J, π, (g_K-g_R) / Q_0, alignments, Nilsson configurations, and rotational bands. ^{197}Au, ^{207}Pb, ^{208}Bi, ^{210}Bi; measured Eγ. Systematics of alignments for ^{244}Pu, ^{246}Cm, ^{248}Cf, ^{250}Fm and ^{252}No, Comparison with Woods-Saxon cranking calculations. JOUR PRVCA 82 041301
^{251}Cf	2009KOZV	RADIOACTIVITY ^{253,254}Es(α), ^{255}Fm(α); measured Eα, Iα, Eγ, Iγ, $\alpha\gamma$-coin., $\gamma\gamma$-coin.; deduced ^{249,250}Bk, ^{251}Cf E, J, π, vibrational bands; ^{243}Cm(α); measured Eα, Iα; deduced α emission probabilities; ^{249}Cf(α); measured Eα, Iα; deduced ^{245}Cm half-life. CONF Cologne (Capture Gamma-Ray Spectroscopy) Proc,P199,Kondev
	2010TA10	NUCLEAR REACTIONS ^{249,250,251}Cf(^{18}O, ^{16}O), (^{18}O, n^{16}O), (^{18}O, ^{17}O), (^{18}O, n^{17}O), (^{18}O, ^{18}O), (^{18}O, n^{18}O), (^{18}O, n^{18}O), , E=153 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin. ^{248,250,252}Cf; deduced levels, J, π, ground-state rotational bands, moments of inertia. Radioactive Cf target with 63% ^{249}Cf, 13% ^{250}Cf, 24% ^{251}Cf. JOUR PRVCA 81 057303
^{251}Md	2008JEZZ	RADIOACTIVITY ^{256}Rf[from ^{208}Pb(^{50}Ti, 2n), E=243 MeV]; measured Eγ, Iγ, $\gamma\gamma$-coin, E(e), I(e), (e)(e)-coin, (e)γ-coin, particle-γ-coin; deduced E, J, π, isomeric transitions; calculated E, J, π; ^{255}Lr(α)[from ^{209}Bi(^{48}Ca, 2n)]; measured Eγ, Iγ, $\gamma\gamma$-coin, E(e), I(e), Eα, Iα, (e)α-coin, (e)γ-coin, X-rays, particle-γ-coin; deduced ^{255}Lr E, J, π, rotational band, isomer decay $T_{1/2}$, moment of inertia. Results on CD only. CONF E.Lansing (NS2008),P29,Jeppesen

A=252

^{252}Cf	2008BLZX	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin; deduced γ multiplicity distribution. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P200
	2008DAZT	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, I$\gamma(\theta)$, $\gamma\gamma$-coin; deduced ^{100,102}Zr, ^{104,106,108}Mo, ^{146,148}Ce $T_{1/2}$, g-factor. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P363
	2008GOZQ	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, I$\gamma(\theta)$, $\gamma\gamma$-coin; deduced ^{142}Xe, ^{152}Nd angular correlations, g-factor, ^{114}Pd mixing ratio, ^{108,110}Ru E, J, π. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P607
	2008HAZD	RADIOACTIVITY ^{252}Cf(SF); calculated average neutron energy, neutron multiplicity in coin with fragment mass. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P401
	2008HAZH	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, γ-γ-γ-coin.; ^{108,110,112}Ru, ^{106}Mo; deduced band structures, possible chiral doublets. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P387,Hamilton

A=252 ***(continued)***

2008JAZV RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin, (cluster)γ-coin; deduced (cluster)-γ-multiplicity, total and average Eγ. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P440

2008JOZW RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, γ-γ-γ-coin.; ^{144}Cs; deduced energy levels. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P395,Jones

2008LUZW RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ; deduced ^{110,111}Tc E, J, π; calculated ^{110,111}Tc E, J, π, deformation parameters (ε_2, γ) using RTRP model. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P709

2008LUZX RADIOACTIVITY ^{252}Cf(SF); measured Eγ, I$\gamma(\theta)$, $\gamma\gamma(\theta)$-coin; ^{110,112}Ru deduced E, J, π, bands, moment of inertia. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P593

2008LUZY RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin; deduced ^{137,138}Cs E, J, π, Cs, N=82, N=83 yrast states, ^{138}Cs internal conversion coefficients, γ-multipolarity. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P65

2008ORZY RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin; deduced ^{100,101,102}Zr, ^{102,103,104,105,106,108}Mo g-factor; calculated g-factor using IBA2. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P355

2008RAZY RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, γ-γ-coin.; ^{148}Ce, ^{108}Ru; deduced angular correlation of γ cascades, mixing ratio. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P57,Ramayya

2008ZHZW RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin; deduced ^{105,108}Mo, ^{112}Ru E, J, π, bands, yrast. Compared to other Mo isotopes. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P612

2009DI12 RADIOACTIVITY ^{252}Cf(SF); ^{109}Ru; measured Eγ, Iγ, γ-γ-coin.; deduced high-spin states, level scheme, ground state and negative and positive parity bands. JOUR CPCHC 33 s01 154

2009GU32 RADIOACTIVITY ^{252}Cf(SF); ^{106}Tc; measured Eγ, Iγ, γ-γ-coin.; deduced high-spin states, level scheme, J, π, collective bands. Total Routhian surface (TRS) calculations. JOUR CPCHC 33 s01 182

2009RZ02 RADIOACTIVITY ^{248}Cm, ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$, γ(t), and isomer half-lives using EUROGAM2 array. ^{142,144}Cs; deduced levels, J, π, bands, isomers and configurations. Comparison with quasiparticle rotor model (QPRM) calculations. JOUR PRVCA 80 064317

2009WA31 RADIOACTIVITY ^{252}Cf(SF); ^{104}Nb; measured Eγ, Iγ, γ-γ-coin.; deduced high-spin states, level scheme, J, π, rotational bands. Comparison with experimental data. JOUR CPCHC 33 s01 158

2009YA26 RADIOACTIVITY ^{252}Cf(SF); ^{102}Mo; measured Eγ, Iγ, γ-γ-coin.; deduced high-spin states, level scheme, J, π, bands. Systematic comparison with experimental data. JOUR CPCHC 33 s01 199

A=252 ***(continued)***

2009ZH50 RADIOACTIVITY ^{252}Cf(SF); ^{106}Mo, ^{110,112}Ru; measured Eγ, Iγ, γ-γ-coin.; deduced high-spin states, chiral doublet vibrational bands, J, π, energies, B(E2) / B(M1), branching ratios. 3D-Tilted Axis Cranking (TAC) calculations. JOUR CPCHC 33 s01 145

2010ER04 RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin., neutron-γ-coin.; deduced high-energy bremsstrahlung emission during spontaneous fission, energy spectrum of photons. JOUR IMPEE 19 1183

2010GU07 RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma\gamma$-coin.; ^{109}Tc; deduced level scheme, high spin states, yrast bands interpretation. Cranked shell model calculations. JOUR CPLEE 27 062501

2010HW03 RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-, (x ray)-γ coin, half-lives by γ(t) using Gammasphere array. ^{93}Kr, ^{151,153}Pr, ^{157}Sm; deduced levels, J, π, bands, configurations, conversion coefficients, B(E1) / B(E2) ratios. ^{96,97,98,99}Y, ^{149,150}Pr; measured Eγ. JOUR PRVCA 82 034308

2010LI03 RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$ using Gammasphere array. ^{135}Te, ^{136}I, ^{137}Xe, ^{138}Cs; deduced levels, J, π. Comparison with shell model calculations. JOUR PRVCA 81 014316

2010LI10 RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$ using Gammasphere array. ^{140}Cs; deduced levels, J, π, configurations. ^{107,108,109,110}Tc; measured Eγ. Comparison with level structure of ^{138}I and with systematics of N=85 isotones of ^{137}Te, ^{138}I, ^{139}Xe, ^{140}Cs, ^{141}Ba, ^{145}Nd, ^{146}Pm, ^{147}Sm, ^{148}Eu and ^{149}Gd. JOUR PRVCA 81 037302

2010LI14 RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$. ^{142}Cs; deduced levels, J, π, multipolarity, bands, B(E1), B(E2), electric dipole moments. ^{106,107}Tc; measured Eγ. Systematics of electric dipole moments for Xe (N=85-88), Cs (N=86-88), Ba (N=85-90), La (N=88, 90), Ce (N=86, 88, 90), Nd (N=86, 88, 90), Sm(N=86, 88). JOUR PRVCA 81 057304

2010LI24 RADIOACTIVITY ^{252}Cf(SF); measured Eγ, I$\gamma(\theta)$, $\gamma\gamma$-coin. ^{139,142}Cs; deduced high-spin states, levels, J, π, bands, ICC, δ. ^{139}Cs calculated levels, J, π, δ using shell model. JOUR NUPAB 834 78c

2010LU02 RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$ using Gammasphere. ^{141,144}Cs; deduced levels, J, p, conversion coefficients, multipolarities, bands, parity doublets, simplex structure, B(E1) / B(E2), dipole moment. Comparison with level structure of ^{143}Cs and with systematics of adjacent N=85-92 nuclei. ^{105,106,107,108}Tc; measured Eγ. JOUR NUPAB 838 1

2010LUZZ RADIOACTIVITY ^{252}Cf(SF); ^{108,110,112}Ru; measured Eγ, Iγ, $\gamma\gamma\gamma$-coin.; deduced level schemes, mixing ratios, bands, J, π, angular correlations, level energies, corrected values for γ-cascade in ^{110}Ru. PC J H. Hamilton,2/11/2010

2010PA08 RADIOACTIVITY ^{252}Cf(SF); measured decay products; deduced tripartition in fission. JOUR IMPEE 19 718

A=252 ***(continued)***

2010PA15 RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin.; deduced photon yields, energy spectrum, the width of the giant dipole resonance (GDR). Comparison with thermal shape fluctuation model (TSFM). JOUR PYLBB 690 473

2010PY02 RADIOACTIVITY ^{252}Cf(SF); measured E(fragment), I(fragment, θ), (fragment)(fragment)-coin from fission; deduced fission fragment mass correlations. JOUR ZAANE 45 29

2010RO04 NUCLEAR REACTIONS ^{235}U(n, F), E=0.1-1 keV; measured fission fragments, fission σ, yield, TKE trends and fission mode ratio trends in resonance region, pre- and post-neutron emission mass distributions in lead-slowing down spectrometer (LSDS). ^{252}Cf(SF); used as a reference. Comparisons with ENDF / B-VII.0. JOUR PRVCA 81 014607

2010SI03 RADIOACTIVITY ^{248}Cm, ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin, and half-lives using Gammasphere and Eurogam-II arrays. ^{151}Ce, ^{153}Nd; deduced levels, J, π, bands, and configurations. Comparison with quasiparticle-rotor-model (QPRM) calculations. ^{151}Ce, ^{153}Nd, ^{155}Sm, ^{157}Gd, ^{159}Dy; systematics of bandheads. JOUR PRVCA 81 024313

2010SI17 RADIOACTIVITY ^{248}Cm, ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$, and half-lives using EUROGAM-II and Gammasphere arrays. ^{91,93,95}Rb; deduced levels, J, π, isomers, transition probabilities, and configurations. Comparison with shell-model calculations. Systematics of low-lying levels in ^{89,91,93,95}Rb. ^{93}Rb, ^{95}Y; comparison of experimental and calculated spectra. JOUR PRVCA 82 024302

2010TA10 NUCLEAR REACTIONS ^{249,250,251}Cf(^{18}O, ^{16}O), (^{18}O, n^{16}O), (^{18}O, ^{17}O), (^{18}O, n^{17}O), (^{18}O, ^{18}O), (^{18}O, n^{18}O), (^{18}O, n^{18}O), , E=153 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin. ^{248,250,252}Cf; deduced levels, J, π, ground-state rotational bands, moments of inertia. Radioactive Cf target with 63% ^{249}Cf, 13% ^{250}Cf, 24% ^{251}Cf. JOUR PRVCA 81 057303

2010VE03 RADIOACTIVITY ^{250,252}Cf(SF); measured ternary α, triton and ^{6}He emission probabilities, fission spectra, α-spectra, triton-spectra and ^{6}He-spectra using energy loss telescope detectors. Comparison with other data and systematics. JOUR NUPAB 837 176

2010WA26 RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{103}Nb, ^{105}Mo, ^{107}Tc; deduced levels, J, π, high-spin states, 2γ-vibrational bands. JOUR NUPAB 834 94c

2010YE08 RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin using Gammasphere array. ^{104}Zr; deduced levels, J, π, bands, yrast structure, configurations. Comparison with projected shell model (PSM) calculations. JOUR PRVCA 82 027302

2010ZE04 RADIOACTIVITY ^{252}Cf(SF); measured fission fragments; deduced mass yield, angular distribution, prompt fission neutron energy spectrum. Comparison with maxwellian spectrum. JOUR BRSPE 74 800

A=252 ***(continued)***

^{252}No	2008ROZX	RADIOACTIVITY ^{252}No; measured Eγ, Iγ(t); deduced rotational band, isomeric decay; ^{256}Rf(SF); measured decay products; deduced isomeric transition, $T_{1/2}$; N=150; calculated E, J, π, mass excess using Woods-Saxon and density functional with Skyrme interactions. Density functional does not describe gaps at Z=100 and N=152. Results on CD only. CONF E.Lansing (NS2008),P30,Robinson
	2008TAZE	NUCLEAR REACTIONS ^{208}Pb(^{48}Ca, x)^{254}No, E not given; ^{206}Pb(^{48}Ca, x)^{252}No, E not given; ^{204}Hg(^{48}Ca, x)^{250}Fm, E not given; ^{248}Cm(^{209}Bi, x)^{248}Cm, E not given; ^{248}Cm(^{209}Bi, x)^{246}Cm, E not given; measured Eγ, Iγ(t), I(ce); deduced K-isomer decay, $T_{1/2}$, 2qp configurations. Compared to calculations of the same group (another presentation at the conference). CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P105
	2010BL03	ATOMIC MASSES ^{252,253,254}No; measured cyclotron resonance curves; deduced masses. JOUR HYIND 196 225
	2010BL04	ATOMIC MASSES ^{252,253,254}No; measured masses by Penning-trap method at GSI, using ^{133}Cs as standard. JOUR NATUA 463 785
	2010DW01	ATOMIC MASSES ^{252,253,254}No; measured cyclotron frequencies using SHIPTRAP Penning-trap system; deduced mean frequency ratios and mass excesses. Comparison with AME2003 and re-evaluation. JOUR PRVCA 81 064312
	2010DW01	ATOMIC MASSES ^{232}U, ^{236,238}Pu, ^{240,241,242}Cm, ^{244,245,246}Cf, ^{248,249,250}Fm, ^{252,253,254}No, ^{256,257,258}Rf, ^{260,261,262}Sg, ^{264,265,266}Hs, ^{268,269,270}Ds; compiled and evaluated mass excesses. JOUR PRVCA 81 064312
	2010DW01	NUCLEAR REACTIONS ^{206,207,208}Pb(^{48}Ca, 2n)^{252}No / ^{253}No / ^{254}No, E=4.55 MeV / nucleon; measured production σ. JOUR PRVCA 81 064312

A=253

^{253}Cf	2010TA10	NUCLEAR REACTIONS ^{249,250,251}Cf(^{18}O, ^{16}O), (^{18}O, n^{16}O), (^{18}O, ^{17}O), (^{18}O, n^{17}O), (^{18}O, ^{18}O), (^{18}O, n^{18}O), (^{18}O, n^{18}O), , E=153 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin. ^{248,250,252}Cf; deduced levels, J, π, ground-state rotational bands, moments of inertia. Radioactive Cf target with 63% ^{249}Cf, 13% ^{250}Cf, 24% ^{251}Cf. JOUR PRVCA 81 057303
^{253}Es	2009KOZV	RADIOACTIVITY ^{253,254}Es(α), ^{255}Fm(α); measured Eα, Iα, Eγ, Iγ, $\alpha\gamma$-coin., $\gamma\gamma$-coin.; deduced ^{249,250}Bk, ^{251}Cf E, J, π, vibrational bands; ^{243}Cm(α); measured Eα, Iα; deduced α emission probabilities; ^{249}Cf(α); measured Eα, Iα; deduced ^{245}Cm half-life. CONF Cologne (Capture Gamma-Ray Spectroscopy) Proc,P199,Kondev
	2010GU05	NUCLEAR MOMENTS ^{253,254}Es, ^{255}Fm, ^{250}Bk; measured hyperfine spectra, angular distributions of α particles and γ-rays; deduced magnetic moments. JOUR BRSPE 74 535

A=253 ***(continued)***

^{253}No	2008TAZA	NUCLEAR REACTIONS ^{248}Cm(^{209}Bi, X), E=1450 MeV;^{249}Cf(^{207}Pb, X), E=1430 MeV; measured Z(particle), A(particle), Eγ, Iγ, (particle)(particle)-coin. ^{247,249}Cm, ^{249}Cf, ^{253}No deduced levels, J, π, bands, band crossing. ^{247}Cm, ^{249}Cf deduced g-factor. ^{244}Pu deduced neutron alignment. Results on CD only. CONF E.Lansing (NS2008),P184,Tandel
	2009HE23	NUCLEAR REACTIONS ^{207}Pb(^{48}Ca, 2n), E=219 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin with JUROGRAM and RITU; analyzed conversion electron spectra from SACRED detector. ^{253}No; deduced $T_{1/2}$, J, π, level energies, multipolarities, branching ratios. Comparison with rotational model. JOUR ZAANE 42 333
	2010BE16	RADIOACTIVITY ^{256}RF(SF); ^{257}Rf, ^{261}Sg(α); measured Eα, half-lives. JOUR PRVCA 81 064325
	2010BL03	ATOMIC MASSES ^{252,253,254}No; measured cyclotron resonance curves; deduced masses. JOUR HYIND 196 225
	2010BL04	ATOMIC MASSES ^{252,253,254}No; measured masses by Penning-trap method at GSI, using ^{133}Cs as standard. JOUR NATUA 463 785
	2010DW01	ATOMIC MASSES ^{252,253,254}No; measured cyclotron frequencies using SHIPTRAP Penning-trap system; deduced mean frequency ratios and mass excesses. Comparison with AME2003 and re-evaluation. JOUR PRVCA 81 064312
	2010DW01	ATOMIC MASSES ^{232}U, ^{236,238}Pu, ^{240,241,242}Cm, ^{244,245,246}Cf, ^{248,249,250}Fm, ^{252,253,254}No, ^{256,257,258}Rf, ^{260,261,262}Sg, ^{264,265,266}Hs, ^{268,269,270}Ds; compiled and evaluated mass excesses. JOUR PRVCA 81 064312
	2010DW01	NUCLEAR REACTIONS ^{206,207,208}Pb(^{48}Ca, 2n)^{252}No / ^{253}No / ^{254}No, E=4.55 MeV / nucleon; measured production σ. JOUR PRVCA 81 064312
^{253}Lr	2010HE11	RADIOACTIVITY ^{253}Lr, ^{257}Db, ^{261}Bh(α) [^{209}Bi(^{54}Cr, 2n), E=271 MeV]; measured Eα, Iα, Eγ, $\alpha\gamma$-coin; calculated $T_{1/2}$, hindrance factors. ^{257}Db, ^{261}Bh; deduced levels, J, π. JOUR ZAANE 43 175

A=254

^{254}Es	2009KOZV	RADIOACTIVITY ^{253,254}Es(α), ^{255}Fm(α); measured Eα, Iα, Eγ, Iγ, $\alpha\gamma$-coin., $\gamma\gamma$-coin.; deduced ^{249,250}Bk, ^{251}Cf E, J, π, vibrational bands; ^{243}Cm(α); measured Eα, Iα; deduced α emission probabilities; ^{249}Cf(α); measured Eα, Iα; deduced ^{245}Cm half-life. CONF Cologne (Capture Gamma-Ray Spectroscopy) Proc,P199,Kondev
	2010GU05	NUCLEAR MOMENTS ^{253,254}Es, ^{255}Fm, ^{250}Bk; measured hyperfine spectra, angular distributions of α particles and γ-rays; deduced magnetic moments. JOUR BRSPE 74 535
^{254}Fm	2010HE10	RADIOACTIVITY ^{254}Md, ^{254}No(α), (EC) [from ^{208}Pb(^{48}Ca, 2n), E=213.6, 218.4 MeV]; measured Eγ, Iγ, Eα, Iα, E(ce), I(ce), $\gamma\gamma$-, γ(ce)-coin; deduced branching ratios, bands, levels, J, π, $T_{1/2}$, configurations. JOUR ZAANE 43 55

A=254 ***(continued)***

^{254}Md	2010HE10	RADIOACTIVITY ^{254}Md, ^{254}No(α), (EC) [from ^{208}Pb(^{48}Ca, 2n), E=213.6, 218.4 MeV]; measured Eγ, Iγ, Eα, Iα, E(ce), I(ce), $\gamma\gamma$-, γ(ce)-coin; deduced branching ratios, bands, levels, J, π, $T_{1/2}$, configurations. JOUR ZAANE 43 55
^{254}No	2008TAZE	NUCLEAR REACTIONS ^{208}Pb(^{48}Ca, x)^{254}No, E not given; ^{206}Pb(^{48}Ca, x)^{252}No, E not given; ^{204}Hg(^{48}Ca, x)^{250}Fm, E not given; ^{248}Cm(^{209}Bi, x)^{248}Cm, E not given; ^{248}Cm(^{209}Bi, x)^{246}Cm, E not given; measured Eγ, Iγ(t), I(ce); deduced K-isomer decay, $T_{1/2}$, 2qp configurations. Compared to calculations of the same group (another presentation at the conference). CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P105
	2010BL03	ATOMIC MASSES ^{252,253,254}No; measured cyclotron resonance curves; deduced masses. JOUR HYIND 196 225
	2010BL04	ATOMIC MASSES ^{252,253,254}No; measured masses by Penning-trap method at GSI, using ^{133}Cs as standard. JOUR NATUA 463 785
	2010CL01	RADIOACTIVITY ^{254}No(IT) [from ^{208}Pb(^{48}Ca, 2n), E=221 MeV]; measured Eγ, Iγ, γ-particle-coin.; deduced J, π, level energies, rotational bands, decay of isomer state. JOUR PYLBB 690 19
	2010DW01	ATOMIC MASSES ^{252,253,254}No; measured cyclotron frequencies using SHIPTRAP Penning-trap system; deduced mean frequency ratios and mass excesses. Comparison with AME2003 and re-evaluation. JOUR PRVCA 81 064312
	2010DW01	ATOMIC MASSES ^{232}U, ^{236,238}Pu, ^{240,241,242}Cm, ^{244,245,246}Cf, ^{248,249,250}Fm, ^{252,253,254}No, ^{256,257,258}Rf, ^{260,261,262}Sg, ^{264,265,266}Hs, ^{268,269,270}Ds; compiled and evaluated mass excesses. JOUR PRVCA 81 064312
	2010DW01	NUCLEAR REACTIONS ^{206,207,208}Pb(^{48}Ca, 2n)^{252}No / ^{253}No / ^{254}No, E=4.55 MeV / nucleon; measured production σ. JOUR PRVCA 81 064312
	2010HE10	NUCLEAR REACTIONS ^{208}Pb(^{48}Ca, 2n), E=213.6, 218.4 MeV; measured Eγ, Iγ, Eα, Iα, E(ce), I(ce), $\gamma\gamma$-, γ(ce)-coin. ^{254}No; deduced branching ratios, bands, levels, J, π, $T_{1/2}$, configurations. JOUR ZAANE 43 55
	2010HE10	RADIOACTIVITY ^{254}Md, ^{254}No(α), (EC) [from ^{208}Pb(^{48}Ca, 2n), E=213.6, 218.4 MeV]; measured Eγ, Iγ, Eα, Iα, E(ce), I(ce), $\gamma\gamma$-, γ(ce)-coin; deduced branching ratios, bands, levels, J, π, $T_{1/2}$, configurations. JOUR ZAANE 43 55
	2010JU02	RADIOACTIVITY ^{180}Pb(α)[from ^{92}Mo(^{90}Zr, 2n)]; ^{176}Hg(α)[from ^{180}Pb(α)]; measured Eγ, Iγ, $\alpha\gamma$-coin. ^{180,182,184,186,188}Pb(α), (β^+); measured Eγ, Iγ; deduced prolate bands aligned angular momentum. ^{254}No(IT); measured Eγ, Iγ; deduced rotational bands. JOUR NUPAB 834 15c

A=255

^{255}Fm	2009KOZV	RADIOACTIVITY ^{253,254}Es(α), ^{255}Fm(α); measured Eα, Iα, Eγ, Iγ, $\alpha\gamma$-coin., $\gamma\gamma$-coin.; deduced ^{249,250}Bk, ^{251}Cf E, J, π, vibrational bands; ^{243}Cm(α); measured Eα, Iα; deduced α emission probabilities; ^{249}Cf(α); measured Eα, Iα; deduced ^{245}Cm half-life. CONF Cologne (Capture Gamma-Ray Spectroscopy) Proc,P199,Kondev
	2010GU05	NUCLEAR MOMENTS ^{253,254}Es, ^{255}Fm, ^{250}Bk; measured hyperfine spectra, angular distributions of α particles and γ-rays; deduced magnetic moments. JOUR BRSPE 74 535
^{255}No	2009OG07	NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(^{48}Ca, n), (^{50}Ti, n), (^{54}Cr, n), (^{58}Fe, n), (^{62}Ni, n), (^{64}Ni, n), (^{70}Zn, n), E≈200-300 MeV; analyzed SHE production σ. ^{238}U, ^{237}Np, ^{242,244}Pu, ^{243}Am, ^{245,248}Cm, ^{249}Cf(^{22}Ne, 4n), (^{26}Mg, 4n), (^{34}S, 5n), (^{48}Ca, 3n), (^{48}Ca, 4n), E≈200-300 MeV; measured Eα, Iα, SHE production σ using Gas-Filled Recoil Separator; analyzed reaction mechanism features; deduced Q-values, $T_{1/2}$ of sequential decay products and compared to calculations. JOUR ZAANE 42 361
	2010NI14	RADIOACTIVITY ^{267,268}Hs(α)[from ^{238}U(^{34}S, X), E=163.0 MeV]; ^{263}Sg, ^{259}Rf(α); ^{264}Sg(SF); measured Eα, Eγ, x-rays, (fragment)α-, (fragment)γ-coin, half-lives; deduced Qα. Systematics of Qα values for even-even Z=104-114 and N=150-170 nuclei. JOUR PRVCA 82 024611
^{255}Lr	2008JEZZ	RADIOACTIVITY ^{256}Rf[from ^{208}Pb(^{50}Ti, 2n), E=243 MeV]; measured Eγ, Iγ, $\gamma\gamma$-coin, E(e), I(e), (e)(e)-coin, (e)γ-coin, particle-γ-coin; deduced E, J, π, isomeric transitions; calculated E, J, π; ^{255}Lr(α)[from ^{209}Bi(^{48}Ca, 2n)]; measured Eγ, Iγ, $\gamma\gamma$-coin, E(e), I(e), Eα, Iα, (e)α-coin, (e)γ-coin, X-rays, particle-γ-coin; deduced ^{255}Lr E, J, π, rotational band, isomer decay $T_{1/2}$, moment of inertia. Results on CD only. CONF E.Lansing (NS2008),P29,Jeppesen
	2009OG07	NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(^{48}Ca, n), (^{50}Ti, n), (^{54}Cr, n), (^{58}Fe, n), (^{62}Ni, n), (^{64}Ni, n), (^{70}Zn, n), E≈200-300 MeV; analyzed SHE production σ. ^{238}U, ^{237}Np, ^{242,244}Pu, ^{243}Am, ^{245,248}Cm, ^{249}Cf(^{22}Ne, 4n), (^{26}Mg, 4n), (^{34}S, 5n), (^{48}Ca, 3n), (^{48}Ca, 4n), E≈200-300 MeV; measured Eα, Iα, SHE production σ using Gas-Filled Recoil Separator; analyzed reaction mechanism features; deduced Q-values, $T_{1/2}$ of sequential decay products and compared to calculations. JOUR ZAANE 42 361

A=256

^{256}No	2009OG07	NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(^{48}Ca, n), (^{50}Ti, n), (^{54}Cr, n), (^{58}Fe, n), (^{62}Ni, n), (^{64}Ni, n), (^{70}Zn, n), E≈200-300 MeV; analyzed SHE production σ. ^{238}U, ^{237}Np, ^{242,244}Pu, ^{243}Am, ^{245,248}Cm, ^{249}Cf(^{22}Ne, 4n), (^{26}Mg, 4n), (^{34}S, 5n), (^{48}Ca, 3n), (^{48}Ca, 4n), E≈200-300 MeV; measured Eα, Iα, SHE production σ using Gas-Filled Recoil Separator; analyzed reaction mechanism features; deduced Q-values, $T_{1/2}$ of sequential decay products and compared to calculations. JOUR ZAANE 42 361

A=256 ***(continued)***

^{256}Lr	2009OG07	NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(^{48}Ca, n), (^{50}Ti, n), (^{54}Cr, n), (^{58}Fe, n), (^{62}Ni, n), (^{64}Ni, n), (^{70}Zn, n), E≈200-300 MeV; analyzed SHE production σ. ^{238}U, ^{237}Np, ^{242,244}Pu, ^{243}Am, ^{245,248}Cm, ^{249}Cf(^{22}Ne, 4n), (^{26}Mg, 4n), (^{34}S, 5n), (^{48}Ca, 3n), (^{48}Ca, 4n), E≈200-300 MeV; measured Eα, Iα, SHE production σ using Gas-Filled Recoil Separator; analyzed reaction mechanism features; deduced Q-values, $T_{1/2}$ of sequential decay products and compared to calculations. JOUR ZAANE 42 361
^{256}Rf	2008JEZZ	RADIOACTIVITY ^{256}Rf[from ^{208}Pb(^{50}Ti, 2n), E=243 MeV]; measured Eγ, Iγ, $\gamma\gamma$-coin, E(e), I(e), (e)(e)-coin, (e)γ-coin, particle-γ-coin; deduced E, J, π, isomeric transitions; calculated E, J, π; ^{255}Lr(α)[from ^{209}Bi(^{48}Ca, 2n)]; measured Eγ, Iγ, $\gamma\gamma$-coin, E(e), I(e), Eα, Iα, (e)α-coin, (e)γ-coin, X-rays, particle-γ-coin; deduced ^{255}Lr E, J, π, rotational band, isomer decay $T_{1/2}$, moment of inertia. Results on CD only. CONF E.Lansing (NS2008),P29,Jeppesen
	2008ROZX	RADIOACTIVITY ^{252}No; measured Eγ, Iγ(t); deduced rotational band, isomeric decay; ^{256}Rf(SF); measured decay products; deduced isomeric transition, $T_{1/2}$; N=150; calculated E, J, π, mass excess using Woods-Saxon and density functional with Skyrme interactions. Density functional does not describe gaps at Z=100 and N=152. Results on CD only. CONF E.Lansing (NS2008),P30,Robinson
	2009SAZV	RADIOACTIVITY ^{264}Hs(α)[from ^{208}Pb(^{58}Fe, 2n), E=227.2 MeV and ^{207}Pb(^{58}Fe, n), E=220.5 MeV]; measured Eα; deduced σ, $T_{1/2}$; ^{260}Sg[from ^{264}Hs]; ^{256}Rf[from ^{260}Sg]; measured decay products; deduced $T_{1/2}$. Two half-lives for each of ^{260}Sg and ^{256}Rf. REPT RIKEN 2008 Annual,P16,Sato
	2010BE16	NUCLEAR REACTIONS ^{208}Pb(^{54}Cr, n), E=261 MeV; ^{208}Pb(^{50}Ti, n), (^{50}Ti, 2n), E=238 MeV; measured Eγ, E(ce), Eα, (recoil)(ce)(α)-, (recoil)(ce)(x ray)(α)-, (recoil)(ce)-, (recoil)(ce)(fission)-, γ(recoil)(ce)(α)-, γ(recoil)(ce)(x ray)(α)-, (recoil)(ce)(α)(α)-coin, half-lives. ^{257}Rf, ^{261}Sg; deduced levels, J, π, isomer, band, configurations. Comparison with calculated energy levels of ^{261}Sg. JOUR PRVCA 81 064325
	2010BE16	RADIOACTIVITY ^{256}RF(SF); ^{257}Rf, ^{261}Sg(α); measured Eα, half-lives. JOUR PRVCA 81 064325
	2010DW01	ATOMIC MASSES ^{232}U, ^{236,238}Pu, ^{240,241,242}Cm, ^{244,245,246}Cf, ^{248,249,250}Fm, ^{252,253,254}No, ^{256,257,258}Rf, ^{260,261,262}Sg, ^{264,265,266}Hs, ^{268,269,270}Ds; compiled and evaluated mass excesses. JOUR PRVCA 81 064312

A=257

^{257}Rf	2009OG07	NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(^{48}Ca, n), (^{50}Ti, n), (^{54}Cr, n), (^{58}Fe, n), (^{62}Ni, n), (^{64}Ni, n), (^{70}Zn, n), E≈200-300 MeV; analyzed SHE production σ. ^{238}U, ^{237}Np, ^{242,244}Pu, ^{243}Am, ^{245,248}Cm, ^{249}Cf(^{22}Ne, 4n), (^{26}Mg, 4n), (^{34}S, 5n), (^{48}Ca, 3n), (^{48}Ca, 4n), E≈200-300 MeV; measured Eα, Iα, SHE production σ using Gas-Filled Recoil Separator; analyzed reaction mechanism features; deduced Q-values, $T_{1/2}$ of sequential decay products and compared to calculations. JOUR ZAANE 42 361
	2010BE16	NUCLEAR REACTIONS ^{208}Pb(^{54}Cr, n), E=261 MeV; ^{208}Pb(^{50}Ti, n), (^{50}Ti, 2n), E=238 MeV; measured Eγ, E(ce), Eα, (recoil)(ce)(α)-, (recoil)(ce)(x ray)(α)-, (recoil)(ce)-, (recoil)(ce)(fission)-, γ(recoil)(ce)(α)-, γ(recoil)(ce)(x ray)(α)-, (recoil)(ce)(α)(α)-coin, half-lives. ^{257}Rf, ^{261}Sg; deduced levels, J, π, isomer, band, configurations. Comparison with calculated energy levels of ^{261}Sg. JOUR PRVCA 81 064325
	2010BE16	RADIOACTIVITY ^{256}RF(SF); ^{257}Rf, ^{261}Sg(α); measured Eα, half-lives. JOUR PRVCA 81 064325
	2010DW01	ATOMIC MASSES ^{232}U, ^{236,238}Pu, ^{240,241,242}Cm, ^{244,245,246}Cf, ^{248,249,250}Fm, ^{252,253,254}No, ^{256,257,258}Rf, ^{260,261,262}Sg, ^{264,265,266}Hs, ^{268,269,270}Ds; compiled and evaluated mass excesses. JOUR PRVCA 81 064312
^{257}Db	2010HE11	RADIOACTIVITY ^{253}Lr, ^{257}Db, ^{261}Bh(α) [^{209}Bi(^{54}Cr, 2n), E=271 MeV]; measured Eα, Iα, Eγ, $\alpha\gamma$-coin; calculated $T_{1/2}$, hindrance factors. ^{257}Db, ^{261}Bh; deduced levels, J, π. JOUR ZAANE 43 175

A=258

^{258}Rf	2010DW01	ATOMIC MASSES ^{232}U, ^{236,238}Pu, ^{240,241,242}Cm, ^{244,245,246}Cf, ^{248,249,250}Fm, ^{252,253,254}No, ^{256,257,258}Rf, ^{260,261,262}Sg, ^{264,265,266}Hs, ^{268,269,270}Ds; compiled and evaluated mass excesses. JOUR PRVCA 81 064312
^{258}Db	2009OG07	NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(^{48}Ca, n), (^{50}Ti, n), (^{54}Cr, n), (^{58}Fe, n), (^{62}Ni, n), (^{64}Ni, n), (^{70}Zn, n), E≈200-300 MeV; analyzed SHE production σ. ^{238}U, ^{237}Np, ^{242,244}Pu, ^{243}Am, ^{245,248}Cm, ^{249}Cf(^{22}Ne, 4n), (^{26}Mg, 4n), (^{34}S, 5n), (^{48}Ca, 3n), (^{48}Ca, 4n), E≈200-300 MeV; measured Eα, Iα, SHE production σ using Gas-Filled Recoil Separator; analyzed reaction mechanism features; deduced Q-values, $T_{1/2}$ of sequential decay products and compared to calculations. JOUR ZAANE 42 361

A=259

^{259}Rf	2010NI14	RADIOACTIVITY ^{267,268}Hs(α)[from ^{238}U(^{34}S, X), E=163.0 MeV]; ^{263}Sg, ^{259}Rf(α); ^{264}Sg(SF); measured Eα, Eγ, x-rays, (fragment)α-, (fragment)γ-coin, half-lives; deduced Qα. Systematics of Qα values for even-even Z=104-114 and N=150-170 nuclei. JOUR PRVCA 82 024611

A=259 *(continued)*

^{259}Db	2009OG07	NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(^{48}Ca, n), (^{50}Ti, n), (^{54}Cr, n), (^{58}Fe, n), (^{62}Ni, n), (^{64}Ni, n), (^{70}Zn, n), E≈200-300 MeV; analyzed SHE production σ. ^{238}U, ^{237}Np, ^{242,244}Pu, ^{243}Am, ^{245,248}Cm, ^{249}Cf(^{22}Ne, 4n), (^{26}Mg, 4n), (^{34}S, 5n), (^{48}Ca, 3n), (^{48}Ca, 4n), E≈200-300 MeV; measured Eα, Iα, SHE production σ using Gas-Filled Recoil Separator; analyzed reaction mechanism features; deduced Q-values, $T_{1/2}$ of sequential decay products and compared to calculations. JOUR ZAANE 42 361

A=260

^{260}Rf	2009OG07	NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(^{48}Ca, n), (^{50}Ti, n), (^{54}Cr, n), (^{58}Fe, n), (^{62}Ni, n), (^{64}Ni, n), (^{70}Zn, n), E≈200-300 MeV; analyzed SHE production σ. ^{238}U, ^{237}Np, ^{242,244}Pu, ^{243}Am, ^{245,248}Cm, ^{249}Cf(^{22}Ne, 4n), (^{26}Mg, 4n), (^{34}S, 5n), (^{48}Ca, 3n), (^{48}Ca, 4n), E≈200-300 MeV; measured Eα, Iα, SHE production σ using Gas-Filled Recoil Separator; analyzed reaction mechanism features; deduced Q-values, $T_{1/2}$ of sequential decay products and compared to calculations. JOUR ZAANE 42 361
^{260}Sg	2009SAZV	RADIOACTIVITY ^{264}Hs(α)[from ^{208}Pb(^{58}Fe, 2n), E=227.2 MeV and ^{207}Pb(^{58}Fe, n), E=220.5 MeV]; measured Eα; deduced σ, $T_{1/2}$; ^{260}Sg[from ^{264}Hs]; ^{256}Rf[from ^{260}Sg]; measured decay products; deduced $T_{1/2}$. Two half-lives for each of ^{260}Sg and ^{256}Rf. REPT RIKEN 2008 Annual,P16,Sato
	2010DW01	ATOMIC MASSES ^{232}U, ^{236,238}Pu, ^{240,241,242}Cm, ^{244,245,246}Cf, ^{248,249,250}Fm, ^{252,253,254}No, ^{256,257,258}Rf, ^{260,261,262}Sg, ^{264,265,266}Hs, ^{268,269,270}Ds; compiled and evaluated mass excesses. JOUR PRVCA 81 064312

A=261

^{261}Rf	2010GR04	RADIOACTIVITY ^{268,269,270,271}Hs, ^{265,267}Sg(α); measured Eα, half-lives, $\alpha\alpha$ correlations. ^{261,263}Rf, ^{264}Sg(SF); measured α-SF correlations. JOUR PRVCA 81 061601
^{261}Db	2009OG07	NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(^{48}Ca, n), (^{50}Ti, n), (^{54}Cr, n), (^{58}Fe, n), (^{62}Ni, n), (^{64}Ni, n), (^{70}Zn, n), E≈200-300 MeV; analyzed SHE production σ. ^{238}U, ^{237}Np, ^{242,244}Pu, ^{243}Am, ^{245,248}Cm, ^{249}Cf(^{22}Ne, 4n), (^{26}Mg, 4n), (^{34}S, 5n), (^{48}Ca, 3n), (^{48}Ca, 4n), E≈200-300 MeV; measured Eα, Iα, SHE production σ using Gas-Filled Recoil Separator; analyzed reaction mechanism features; deduced Q-values, $T_{1/2}$ of sequential decay products and compared to calculations. JOUR ZAANE 42 361

A=261 ***(continued)***

^{261}Sg	2009OG07	NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(^{48}Ca, n), (^{50}Ti, n), (^{54}Cr, n), (^{58}Fe, n), (^{62}Ni, n), (^{64}Ni, n), (^{70}Zn, n), E≈200-300 MeV; analyzed SHE production σ. ^{238}U, ^{237}Np, ^{242,244}Pu, ^{243}Am, ^{245,248}Cm, ^{249}Cf(^{22}Ne, 4n), (^{26}Mg, 4n), (^{34}S, 5n), (^{48}Ca, 3n), (^{48}Ca, 4n), E≈200-300 MeV; measured Eα, Iα, SHE production σ using Gas-Filled Recoil Separator; analyzed reaction mechanism features; deduced Q-values, $T_{1/2}$ of sequential decay products and compared to calculations. JOUR ZAANE 42 361
	2010BE16	NUCLEAR REACTIONS ^{208}Pb(^{54}Cr, n), E=261 MeV; ^{208}Pb(^{50}Ti, n), (^{50}Ti, 2n), E=238 MeV; measured Eγ, E(ce), Eα, (recoil)(ce)(α)-, (recoil)(ce)(x ray)(α)-, (recoil)(ce)-, (recoil)(ce)(fission)-, γ(recoil)(ce)(α)-, γ(recoil)(ce)(x ray)(α)-, (recoil)(ce)(α)(α)-coin, half-lives. ^{257}Rf, ^{261}Sg; deduced levels, J, π, isomer, band, configurations. Comparison with calculated energy levels of ^{261}Sg. JOUR PRVCA 81 064325
	2010BE16	RADIOACTIVITY ^{256}RF(SF); ^{257}Rf, ^{261}Sg(α); measured Eα, half-lives. JOUR PRVCA 81 064325
	2010DW01	ATOMIC MASSES ^{232}U, ^{236,238}Pu, ^{240,241,242}Cm, ^{244,245,246}Cf, ^{248,249,250}Fm, ^{252,253,254}No, ^{256,257,258}Rf, ^{260,261,262}Sg, ^{264,265,266}Hs, ^{268,269,270}Ds; compiled and evaluated mass excesses. JOUR PRVCA 81 064312
^{261}Bh	2010HE11	RADIOACTIVITY ^{253}Lr, ^{257}Db, ^{261}Bh(α) [^{209}Bi(^{54}Cr, 2n), E=271 MeV]; measured Eα, Iα, Eγ, $\alpha\gamma$-coin; calculated $T_{1/2}$, hindrance factors. ^{257}Db, ^{261}Bh; deduced levels, J, π. JOUR ZAANE 43 175

A=262

^{262}Rf	2009OG07	NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(^{48}Ca, n), (^{50}Ti, n), (^{54}Cr, n), (^{58}Fe, n), (^{62}Ni, n), (^{64}Ni, n), (^{70}Zn, n), E≈200-300 MeV; analyzed SHE production σ. ^{238}U, ^{237}Np, ^{242,244}Pu, ^{243}Am, ^{245,248}Cm, ^{249}Cf(^{22}Ne, 4n), (^{26}Mg, 4n), (^{34}S, 5n), (^{48}Ca, 3n), (^{48}Ca, 4n), E≈200-300 MeV; measured Eα, Iα, SHE production σ using Gas-Filled Recoil Separator; analyzed reaction mechanism features; deduced Q-values, $T_{1/2}$ of sequential decay products and compared to calculations. JOUR ZAANE 42 361
^{262}Sg	2010DW01	ATOMIC MASSES ^{232}U, ^{236,238}Pu, ^{240,241,242}Cm, ^{244,245,246}Cf, ^{248,249,250}Fm, ^{252,253,254}No, ^{256,257,258}Rf, ^{260,261,262}Sg, ^{264,265,266}Hs, ^{268,269,270}Ds; compiled and evaluated mass excesses. JOUR PRVCA 81 064312
^{262}Bh	2009OG07	NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(^{48}Ca, n), (^{50}Ti, n), (^{54}Cr, n), (^{58}Fe, n), (^{62}Ni, n), (^{64}Ni, n), (^{70}Zn, n), E≈200-300 MeV; analyzed SHE production σ. ^{238}U, ^{237}Np, ^{242,244}Pu, ^{243}Am, ^{245,248}Cm, ^{249}Cf(^{22}Ne, 4n), (^{26}Mg, 4n), (^{34}S, 5n), (^{48}Ca, 3n), (^{48}Ca, 4n), E≈200-300 MeV; measured Eα, Iα, SHE production σ using Gas-Filled Recoil Separator; analyzed reaction mechanism features; deduced Q-values, $T_{1/2}$ of sequential decay products and compared to calculations. JOUR ZAANE 42 361

A=263

^{263}Rf	2010GR04	RADIOACTIVITY ^{268,269,270,271}Hs, ^{265,267}Sg(α); measured Eα, half-lives, $\alpha\alpha$ correlations. ^{261,263}Rf, ^{264}Sg(SF); measured α-SF correlations. JOUR PRVCA 81 061601
^{263}Sg	2009OG07	NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(^{48}Ca, n), (^{50}Ti, n), (^{54}Cr, n), (^{58}Fe, n), (^{62}Ni, n), (^{64}Ni, n), (^{70}Zn, n), E≈200-300 MeV; analyzed SHE production σ. ^{238}U, ^{237}Np, ^{242,244}Pu, ^{243}Am, ^{245,248}Cm, ^{249}Cf(^{22}Ne, 4n), (^{26}Mg, 4n), (^{34}S, 5n), (^{48}Ca, 3n), (^{48}Ca, 4n), E≈200-300 MeV; measured Eα, Iα, SHE production σ using Gas-Filled Recoil Separator; analyzed reaction mechanism features; deduced Q-values, $T_{1/2}$ of sequential decay products and compared to calculations. JOUR ZAANE 42 361
	2010NI14	RADIOACTIVITY ^{267,268}Hs(α)[from ^{238}U(^{34}S, X), E=163.0 MeV]; ^{263}Sg, ^{259}Rf(α); ^{264}Sg(SF); measured Eα, Eγ, x-rays, (fragment)α-, (fragment)γ-coin, half-lives; deduced Qα. Systematics of Qα values for even-even Z=104-114 and N=150-170 nuclei. JOUR PRVCA 82 024611
^{263}Hs	2009KAZU	NUCLEAR REACTIONS ^{206}Pb(^{58}Fe, n), E=287.7 MeV; ^{208}Pb(^{56}Fe, n), E=280.4 MeV; measured reaction products; deduced ^{263}Hs $T_{1/2}$, σ, decay chain ^{263}Hs(α)->^{259}Sg(α)->^{255}Rf(α). REPT RIKEN 2008 Annual,Pxiii,Kaji

A=264

^{264}Sg	2009OG07	NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(^{48}Ca, n), (^{50}Ti, n), (^{54}Cr, n), (^{58}Fe, n), (^{62}Ni, n), (^{64}Ni, n), (^{70}Zn, n), E≈200-300 MeV; analyzed SHE production σ. ^{238}U, ^{237}Np, ^{242,244}Pu, ^{243}Am, ^{245,248}Cm, ^{249}Cf(^{22}Ne, 4n), (^{26}Mg, 4n), (^{34}S, 5n), (^{48}Ca, 3n), (^{48}Ca, 4n), E≈200-300 MeV; measured Eα, Iα, SHE production σ using Gas-Filled Recoil Separator; analyzed reaction mechanism features; deduced Q-values, $T_{1/2}$ of sequential decay products and compared to calculations. JOUR ZAANE 42 361
	2010GR04	RADIOACTIVITY ^{268,269,270,271}Hs, ^{265,267}Sg(α); measured Eα, half-lives, $\alpha\alpha$ correlations. ^{261,263}Rf, ^{264}Sg(SF); measured α-SF correlations. JOUR PRVCA 81 061601
	2010NI14	RADIOACTIVITY ^{267,268}Hs(α)[from ^{238}U(^{34}S, X), E=163.0 MeV]; ^{263}Sg, ^{259}Rf(α); ^{264}Sg(SF); measured Eα, Eγ, x-rays, (fragment)α-, (fragment)γ-coin, half-lives; deduced Qα. Systematics of Qα values for even-even Z=104-114 and N=150-170 nuclei. JOUR PRVCA 82 024611
^{264}Hs	2009SAZV	RADIOACTIVITY ^{264}Hs(α)[from ^{208}Pb(^{58}Fe, 2n), E=227.2 MeV and ^{207}Pb(^{58}Fe, n), E=220.5 MeV]; measured Eα; deduced σ, $T_{1/2}$; ^{260}Sg[from ^{264}Hs]; ^{256}Rf[from ^{260}Sg]; measured decay products; deduced $T_{1/2}$. Two half-lives for each of ^{260}Sg and ^{256}Rf. REPT RIKEN 2008 Annual,P16,Sato
	2010DW01	ATOMIC MASSES ^{232}U, ^{236,238}Pu, ^{240,241,242}Cm, ^{244,245,246}Cf, ^{248,249,250}Fm, ^{252,253,254}No, ^{256,257,258}Rf, ^{260,261,262}Sg, ^{264,265,266}Hs, ^{268,269,270}Ds; compiled and evaluated mass excesses. JOUR PRVCA 81 064312

A=265

^{265}Sg	2010GR04	RADIOACTIVITY ^{268,269,270,271}Hs, ^{265,267}Sg(α); measured Eα, half-lives, $\alpha\alpha$ correlations. ^{261,263}Rf, ^{264}Sg(SF); measured α-SF correlations. JOUR PRVCA 81 061601
^{265}Bh	2009OG07	NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(^{48}Ca, n), (^{50}Ti, n), (^{54}Cr, n), (^{58}Fe, n), (^{62}Ni, n), (^{64}Ni, n), (^{70}Zn, n), E≈200-300 MeV; analyzed SHE production σ. ^{238}U, ^{237}Np, ^{242,244}Pu, ^{243}Am, ^{245,248}Cm, ^{249}Cf(^{22}Ne, 4n), (^{26}Mg, 4n), (^{34}S, 5n), (^{48}Ca, 3n), (^{48}Ca, 4n), E≈200-300 MeV; measured Eα, Iα, SHE production σ using Gas-Filled Recoil Separator; analyzed reaction mechanism features; deduced Q-values, $T_{1/2}$ of sequential decay products and compared to calculations. JOUR ZAANE 42 361
^{265}Hs	2009OG07	NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(^{48}Ca, n), (^{50}Ti, n), (^{54}Cr, n), (^{58}Fe, n), (^{62}Ni, n), (^{64}Ni, n), (^{70}Zn, n), E≈200-300 MeV; analyzed SHE production σ. ^{238}U, ^{237}Np, ^{242,244}Pu, ^{243}Am, ^{245,248}Cm, ^{249}Cf(^{22}Ne, 4n), (^{26}Mg, 4n), (^{34}S, 5n), (^{48}Ca, 3n), (^{48}Ca, 4n), E≈200-300 MeV; measured Eα, Iα, SHE production σ using Gas-Filled Recoil Separator; analyzed reaction mechanism features; deduced Q-values, $T_{1/2}$ of sequential decay products and compared to calculations. JOUR ZAANE 42 361
	2010DW01	ATOMIC MASSES ^{232}U, ^{236,238}Pu, ^{240,241,242}Cm, ^{244,245,246}Cf, ^{248,249,250}Fm, ^{252,253,254}No, ^{256,257,258}Rf, ^{260,261,262}Sg, ^{264,265,266}Hs, ^{268,269,270}Ds; compiled and evaluated mass excesses. JOUR PRVCA 81 064312

A=266

^{266}Sg	2009OG07	NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(^{48}Ca, n), (^{50}Ti, n), (^{54}Cr, n), (^{58}Fe, n), (^{62}Ni, n), (^{64}Ni, n), (^{70}Zn, n), E≈200-300 MeV; analyzed SHE production σ. ^{238}U, ^{237}Np, ^{242,244}Pu, ^{243}Am, ^{245,248}Cm, ^{249}Cf(^{22}Ne, 4n), (^{26}Mg, 4n), (^{34}S, 5n), (^{48}Ca, 3n), (^{48}Ca, 4n), E≈200-300 MeV; measured Eα, Iα, SHE production σ using Gas-Filled Recoil Separator; analyzed reaction mechanism features; deduced Q-values, $T_{1/2}$ of sequential decay products and compared to calculations. JOUR ZAANE 42 361
	2010GR04	RADIOACTIVITY ^{268,269,270,271}Hs, ^{265,267}Sg(α); measured Eα, half-lives, $\alpha\alpha$ correlations. ^{261,263}Rf, ^{264}Sg(SF); measured α-SF correlations. JOUR PRVCA 81 061601
^{266}Bh	2009MOZU	NUCLEAR REACTIONS ^{248}Cm(^{23}Na, f), E=126, 130, 132 MeV; ^{248}Cm(^{23}Na, 5n), E=126, 130, 132 MeV; measured A(fragment), Z(fragment), Eα, Iα, $\alpha\alpha$-coin, (fragment)α-coin; deduced ^{262}Db, ^{266,267}Bh $T_{1/2}$. Confirmed decay chain of ^{278}A=113. Full version in J. Phys. Soc. Jpn. 78 (2009), 064201. REPT RIKEN 2008 Annual,Pi,Morita
^{266}Hs	2010DW01	ATOMIC MASSES ^{232}U, ^{236,238}Pu, ^{240,241,242}Cm, ^{244,245,246}Cf, ^{248,249,250}Fm, ^{252,253,254}No, ^{256,257,258}Rf, ^{260,261,262}Sg, ^{264,265,266}Hs, ^{268,269,270}Ds; compiled and evaluated mass excesses. JOUR PRVCA 81 064312

A=266 ***(continued)***

	2010IT02	NUCLEAR REACTIONS ^{248}Cm(^{26}Mg, X)^{274}Hs, E*=28-64 MeV; ^{238}U(^{36}S, X)^{274}Hs, E*=30-57 MeV; ^{208}Pb(^{58}Fe, X)^{266}Hs, E*=33, 48 MeV; measured σ, fragment energy spectra (TKE), yields using CORSET spectrometer; deduced reaction mechanism features. JOUR NUPAB 834 374c
^{266}Mt	2009OG07	NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(^{48}Ca, n), (^{50}Ti, n), (^{54}Cr, n), (^{58}Fe, n), (^{62}Ni, n), (^{64}Ni, n), (^{70}Zn, n), E≈200-300 MeV; analyzed SHE production σ. ^{238}U, ^{237}Np, ^{242,244}Pu, ^{243}Am, ^{245,248}Cm, ^{249}Cf(^{22}Ne, 4n), (^{26}Mg, 4n), (^{34}S, 5n), (^{48}Ca, 3n), (^{48}Ca, 4n), E≈200-300 MeV; measured Eα, Iα, SHE production σ using Gas-Filled Recoil Separator; analyzed reaction mechanism features; deduced Q-values, $T_{1/2}$ of sequential decay products and compared to calculations. JOUR ZAANE 42 361

A=267

^{267}Sg	2010GR04	RADIOACTIVITY ^{268,269,270,271}Hs, ^{265,267}Sg(α); measured Eα, half-lives, $\alpha\alpha$ correlations. ^{261,263}Rf, ^{264}Sg(SF); measured α-SF correlations. JOUR PRVCA 81 061601
^{267}Hs	2009OG07	NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(^{48}Ca, n), (^{50}Ti, n), (^{54}Cr, n), (^{58}Fe, n), (^{62}Ni, n), (^{64}Ni, n), (^{70}Zn, n), E≈200-300 MeV; analyzed SHE production σ. ^{238}U, ^{237}Np, ^{242,244}Pu, ^{243}Am, ^{245,248}Cm, ^{249}Cf(^{22}Ne, 4n), (^{26}Mg, 4n), (^{34}S, 5n), (^{48}Ca, 3n), (^{48}Ca, 4n), E≈200-300 MeV; measured Eα, Iα, SHE production σ using Gas-Filled Recoil Separator; analyzed reaction mechanism features; deduced Q-values, $T_{1/2}$ of sequential decay products and compared to calculations. JOUR ZAANE 42 361
	2010NI14	NUCLEAR REACTIONS ^{238}U(^{34}S, xn)^{267}Hs / ^{268}Hs, E=148-170 MeV; measured evaporation residues and Eα, Eγ, x-rays, (fragment)α-, (fragment)γ-coin, production σ, fission σ(E), mass distribution of fission fragments as a function of energy. Comparison of fission σ(E) with calculations based on the three-dimensional Langevin equation and deformed target nuclei. Coupled-channel calculations for mass distributions. ^{268,269}Sg, ^{272,273}Hs, ^{269,271,272}Mt, ^{274,275,276,277}Sg, ^{273,275,276}Rg, ^{278,279,280,281}Cn; theoretical estimates of production rates in ^{243}Am, ^{244}Pu, ^{248}Cm(^{34}S, xn), (^{36}S, xn) reactions. JOUR PRVCA 82 024611
	2010NI14	RADIOACTIVITY ^{267,268}Hs(α)[from ^{238}U(^{34}S, X), E=163.0 MeV]; ^{263}Sg, ^{259}Rf(α); ^{264}Sg(SF); measured Eα, Eγ, x-rays, (fragment)α-, (fragment)γ-coin, half-lives; deduced Qα. Systematics of Qα values for even-even Z=104-114 and N=150-170 nuclei. JOUR PRVCA 82 024611

A=268

^{268}Sg	2010NI14	NUCLEAR REACTIONS ^{238}U(^{34}S, xn)^{267}Hs / ^{268}Hs, E=148-170 MeV; measured evaporation residues and Eα, Eγ, x-rays, (fragment)α-, (fragment)γ-coin, production σ, fission σ(E), mass distribution of fission fragments as a function of energy. Comparison of fission σ(E) with calculations based on the three-dimensional Langevin equation and deformed target nuclei. Coupled-channel calculations for mass distributions. ^{268,269}Sg, ^{272,273}Hs, ^{269,271,272}Mt, ^{274,275,276,277}Sg, ^{273,275,276}Rg, ^{278,279,280,281}Cn; theoretical estimates of production rates in ^{243}Am, ^{244}Pu, ^{248}Cm(^{34}S, xn), (^{36}S, xn) reactions. JOUR PRVCA 82 024611
^{268}Hs	2010GR04	RADIOACTIVITY ^{268,269,270,271}Hs, ^{265,267}Sg(α); measured Eα, half-lives, $\alpha\alpha$ correlations. ^{261,263}Rf, ^{264}Sg(SF); measured α-SF correlations. JOUR PRVCA 81 061601
	2010NI14	NUCLEAR REACTIONS ^{238}U(^{34}S, xn)^{267}Hs / ^{268}Hs, E=148-170 MeV; measured evaporation residues and Eα, Eγ, x-rays, (fragment)α-, (fragment)γ-coin, production σ, fission σ(E), mass distribution of fission fragments as a function of energy. Comparison of fission σ(E) with calculations based on the three-dimensional Langevin equation and deformed target nuclei. Coupled-channel calculations for mass distributions. ^{268,269}Sg, ^{272,273}Hs, ^{269,271,272}Mt, ^{274,275,276,277}Sg, ^{273,275,276}Rg, ^{278,279,280,281}Cn; theoretical estimates of production rates in ^{243}Am, ^{244}Pu, ^{248}Cm(^{34}S, xn), (^{36}S, xn) reactions. JOUR PRVCA 82 024611
	2010NI14	RADIOACTIVITY ^{267,268}Hs(α)[from ^{238}U(^{34}S, X), E=163.0 MeV]; ^{263}Sg, ^{259}Rf(α); ^{264}Sg(SF); measured Eα, Eγ, x-rays, (fragment)α-, (fragment)γ-coin, half-lives; deduced Qα. Systematics of Qα values for even-even Z=104-114 and N=150-170 nuclei. JOUR PRVCA 82 024611
^{268}Ds	2010DW01	ATOMIC MASSES ^{232}U, ^{236,238}Pu, ^{240,241,242}Cm, ^{244,245,246}Cf, ^{248,249,250}Fm, ^{252,253,254}No, ^{256,257,258}Rf, ^{260,261,262}Sg, ^{264,265,266}Hs, ^{268,269,270}Ds; compiled and evaluated mass excesses. JOUR PRVCA 81 064312

A=269

^{269}Sg	2010NI14	NUCLEAR REACTIONS ^{238}U(^{34}S, xn)^{267}Hs / ^{268}Hs, E=148-170 MeV; measured evaporation residues and Eα, Eγ, x-rays, (fragment)α-, (fragment)γ-coin, production σ, fission σ(E), mass distribution of fission fragments as a function of energy. Comparison of fission σ(E) with calculations based on the three-dimensional Langevin equation and deformed target nuclei. Coupled-channel calculations for mass distributions. ^{268,269}Sg, ^{272,273}Hs, ^{269,271,272}Mt, ^{274,275,276,277}Sg, ^{273,275,276}Rg, ^{278,279,280,281}Cn; theoretical estimates of production rates in ^{243}Am, ^{244}Pu, ^{248}Cm(^{34}S, xn), (^{36}S, xn) reactions. JOUR PRVCA 82 024611

A=269 ***(continued)***

^{269}Hs	2010GR04	NUCLEAR REACTIONS ^{238}U(^{36}S, 3n), (^{36}S, 4n), (^{36}S, 5n), E=256.4 MeV; measured reaction products using COMPACT system of efficient and rapid chemical-separation and online detection based on the cryo-thermo chromatography method. ^{269,270,271}Hs; deduced production σ. JOUR PRVCA 81 061601
	2010GR04	RADIOACTIVITY ^{268,269,270,271}Hs, ^{265,267}Sg(α); measured Eα, half-lives, $\alpha\alpha$ correlations. ^{261,263}Rf, ^{264}Sg(SF); measured α-SF correlations. JOUR PRVCA 81 061601
^{269}Mt	2010NI14	NUCLEAR REACTIONS ^{238}U(^{34}S, xn)^{267}Hs / ^{268}Hs, E=148-170 MeV; measured evaporation residues and Eα, Eγ, x-rays, (fragment)α-, (fragment)γ-coin, production σ, fission σ(E), mass distribution of fission fragments as a function of energy. Comparison of fission σ(E) with calculations based on the three-dimensional Langevin equation and deformed target nuclei. Coupled-channel calculations for mass distributions. ^{268,269}Sg, ^{272,273}Hs, ^{269,271,272}Mt, ^{274,275,276,277}Sg, ^{273,275,276}Rg, ^{278,279,280,281}Cn; theoretical estimates of production rates in ^{243}Am, ^{244}Pu, ^{248}Cm(^{34}S, xn), (^{36}S, xn) reactions. JOUR PRVCA 82 024611
^{269}Ds	2009OG07	NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(^{48}Ca, n), (^{50}Ti, n), (^{54}Cr, n), (^{58}Fe, n), (^{62}Ni, n), (^{64}Ni, n), (^{70}Zn, n), E≈200-300 MeV; analyzed SHE production σ. ^{238}U, ^{237}Np, ^{242,244}Pu, ^{243}Am, ^{245,248}Cm, ^{249}Cf(^{22}Ne, 4n), (^{26}Mg, 4n), (^{34}S, 5n), (^{48}Ca, 3n), (^{48}Ca, 4n), E≈200-300 MeV; measured Eα, Iα, SHE production σ using Gas-Filled Recoil Separator; analyzed reaction mechanism features; deduced Q-values, $T_{1/2}$ of sequential decay products and compared to calculations. JOUR ZAANE 42 361
	2010DW01	ATOMIC MASSES ^{232}U, ^{236,238}Pu, ^{240,241,242}Cm, ^{244,245,246}Cf, ^{248,249,250}Fm, ^{252,253,254}No, ^{256,257,258}Rf, ^{260,261,262}Sg, ^{264,265,266}Hs, ^{268,269,270}Ds; compiled and evaluated mass excesses. JOUR PRVCA 81 064312

A=270

^{270}Db	2010OG01	RADIOACTIVITY ^{293,294}117, ^{289,290}115, ^{285,286}113, ^{282}Rg, ^{278}Mt, ^{274}Bh(α); measured Eα, Iα, and half-lives. ^{270}Db, ^{281}Rg(SF); measured TKE, and $T_{1/2}$. JOUR PRLTA 104 142502
^{270}Hs	2009OG07	NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(^{48}Ca, n), (^{50}Ti, n), (^{54}Cr, n), (^{58}Fe, n), (^{62}Ni, n), (^{64}Ni, n), (^{70}Zn, n), E≈200-300 MeV; analyzed SHE production σ. ^{238}U, ^{237}Np, ^{242,244}Pu, ^{243}Am, ^{245,248}Cm, ^{249}Cf(^{22}Ne, 4n), (^{26}Mg, 4n), (^{34}S, 5n), (^{48}Ca, 3n), (^{48}Ca, 4n), E≈200-300 MeV; measured Eα, Iα, SHE production σ using Gas-Filled Recoil Separator; analyzed reaction mechanism features; deduced Q-values, $T_{1/2}$ of sequential decay products and compared to calculations. JOUR ZAANE 42 361

A=270 ***(continued)***

	2010GR04	NUCLEAR REACTIONS ^{238}U(^{36}S, 3n), (^{36}S, 4n), (^{36}S, 5n), E=256.4 MeV; measured reaction products using COMPACT system of efficient and rapid chemical-separation and online detection based on the cryo-thermo chromatography method. ^{269,270,271}Hs; deduced production σ. JOUR PRVCA 81 061601
	2010GR04	RADIOACTIVITY ^{268,269,270,271}Hs, ^{265,267}Sg(α); measured Eα, half-lives, $\alpha\alpha$ correlations. ^{261,263}Rf, ^{264}Sg(SF); measured α-SF correlations. JOUR PRVCA 81 061601
^{270}Ds	2010DW01	ATOMIC MASSES ^{232}U, ^{236,238}Pu, ^{240,241,242}Cm, ^{244,245,246}Cf, ^{248,249,250}Fm, ^{252,253,254}No, ^{256,257,258}Rf, ^{260,261,262}Sg, ^{264,265,266}Hs, ^{268,269,270}Ds; compiled and evaluated mass excesses. JOUR PRVCA 81 064312
^{270}Rg	2009OG07	NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(^{48}Ca, n), (^{50}Ti, n), (^{54}Cr, n), (^{58}Fe, n), (^{62}Ni, n), (^{64}Ni, n), (^{70}Zn, n), E≈200-300 MeV; analyzed SHE production σ. ^{238}U, ^{237}Np, ^{242,244}Pu, ^{243}Am, ^{245,248}Cm, ^{249}Cf(^{22}Ne, 4n), (^{26}Mg, 4n), (^{34}S, 5n), (^{48}Ca, 3n), (^{48}Ca, 4n), E≈200-300 MeV; measured Eα, Iα, SHE production σ using Gas-Filled Recoil Separator; analyzed reaction mechanism features; deduced Q-values, $T_{1/2}$ of sequential decay products and compared to calculations. JOUR ZAANE 42 361

A=271

^{271}Hs	2010GR04	NUCLEAR REACTIONS ^{238}U(^{36}S, 3n), (^{36}S, 4n), (^{36}S, 5n), E=256.4 MeV; measured reaction products using COMPACT system of efficient and rapid chemical-separation and online detection based on the cryo-thermo chromatography method. ^{269,270,271}Hs; deduced production σ. JOUR PRVCA 81 061601
	2010GR04	RADIOACTIVITY ^{268,269,270,271}Hs, ^{265,267}Sg(α); measured Eα, half-lives, $\alpha\alpha$ correlations. ^{261,263}Rf, ^{264}Sg(SF); measured α-SF correlations. JOUR PRVCA 81 061601
^{271}Mt	2010NI14	NUCLEAR REACTIONS ^{238}U(^{34}S, xn)^{267}Hs / ^{268}Hs, E=148-170 MeV; measured evaporation residues and Eα, Eγ, x-rays, (fragment)α-, (fragment)γ-coin, production σ, fission σ(E), mass distribution of fission fragments as a function of energy. Comparison of fission σ(E) with calculations based on the three-dimensional Langevin equation and deformed target nuclei. Coupled-channel calculations for mass distributions. ^{268,269}Sg, ^{272,273}Hs, ^{269,271,272}Mt, ^{274,275,276,277}Sg, ^{273,275,276}Rg, ^{278,279,280,281}Cn; theoretical estimates of production rates in ^{243}Am, ^{244}Pu, ^{248}Cm(^{34}S, xn), (^{36}S, xn) reactions. JOUR PRVCA 82 024611

A=271 ***(continued)***

^{271}Ds	2009OG07	NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(^{48}Ca, n), (^{50}Ti, n), (^{54}Cr, n), (^{58}Fe, n), (^{62}Ni, n), (^{64}Ni, n), (^{70}Zn, n), E≈200-300 MeV; analyzed SHE production σ. ^{238}U, ^{237}Np, ^{242,244}Pu, ^{243}Am, ^{245,248}Cm, ^{249}Cf(^{22}Ne, 4n), (^{26}Mg, 4n), (^{34}S, 5n), (^{48}Ca, 3n), (^{48}Ca, 4n), E≈200-300 MeV; measured Eα, Iα, SHE production σ using Gas-Filled Recoil Separator; analyzed reaction mechanism features; deduced Q-values, $T_{1/2}$ of sequential decay products and compared to calculations. JOUR ZAANE 42 361

A=272

^{272}Hs	2010NI14	NUCLEAR REACTIONS ^{238}U(^{34}S, xn)^{267}Hs / ^{268}Hs, E=148-170 MeV; measured evaporation residues and Eα, Eγ, x-rays, (fragment)α-, (fragment)γ-coin, production σ, fission σ(E), mass distribution of fission fragments as a function of energy. Comparison of fission σ(E) with calculations based on the three-dimensional Langevin equation and deformed target nuclei. Coupled-channel calculations for mass distributions. ^{268,269}Sg, ^{272,273}Hs, ^{269,271,272}Mt, ^{274,275,276,277}Sg, ^{273,275,276}Rg, ^{278,279,280,281}Cn; theoretical estimates of production rates in ^{243}Am, ^{244}Pu, ^{248}Cm(^{34}S, xn), (^{36}S, xn) reactions. JOUR PRVCA 82 024611
^{272}Mt	2010NI14	NUCLEAR REACTIONS ^{238}U(^{34}S, xn)^{267}Hs / ^{268}Hs, E=148-170 MeV; measured evaporation residues and Eα, Eγ, x-rays, (fragment)α-, (fragment)γ-coin, production σ, fission σ(E), mass distribution of fission fragments as a function of energy. Comparison of fission σ(E) with calculations based on the three-dimensional Langevin equation and deformed target nuclei. Coupled-channel calculations for mass distributions. ^{268,269}Sg, ^{272,273}Hs, ^{269,271,272}Mt, ^{274,275,276,277}Sg, ^{273,275,276}Rg, ^{278,279,280,281}Cn; theoretical estimates of production rates in ^{243}Am, ^{244}Pu, ^{248}Cm(^{34}S, xn), (^{36}S, xn) reactions. JOUR PRVCA 82 024611
^{272}Rg	2009OG07	NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(^{48}Ca, n), (^{50}Ti, n), (^{54}Cr, n), (^{58}Fe, n), (^{62}Ni, n), (^{64}Ni, n), (^{70}Zn, n), E≈200-300 MeV; analyzed SHE production σ. ^{238}U, ^{237}Np, ^{242,244}Pu, ^{243}Am, ^{245,248}Cm, ^{249}Cf(^{22}Ne, 4n), (^{26}Mg, 4n), (^{34}S, 5n), (^{48}Ca, 3n), (^{48}Ca, 4n), E≈200-300 MeV; measured Eα, Iα, SHE production σ using Gas-Filled Recoil Separator; analyzed reaction mechanism features; deduced Q-values, $T_{1/2}$ of sequential decay products and compared to calculations. JOUR ZAANE 42 361

A=273

^{273}Hs	2010NI14	NUCLEAR REACTIONS ^{238}U(^{34}S, xn)^{267}Hs / ^{268}Hs, E=148-170 MeV; measured evaporation residues and Eα, Eγ, x-rays, (fragment)α-, (fragment)γ-coin, production σ, fission σ(E), mass distribution of fission fragments as a function of energy. Comparison of fission σ(E) with calculations based on the three-dimensional Langevin equation and deformed target nuclei. Coupled-channel calculations for mass distributions. ^{268,269}Sg, ^{272,273}Hs, ^{269,271,272}Mt, ^{274,275,276,277}Sg, ^{273,275,276}Rg, ^{278,279,280,281}Cn; theoretical estimates of production rates in ^{243}Am, ^{244}Pu, ^{248}Cm(^{34}S, xn), (^{36}S, xn) reactions. JOUR PRVCA 82 024611
^{273}Ds	2009OG07	NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(^{48}Ca, n), (^{50}Ti, n), (^{54}Cr, n), (^{58}Fe, n), (^{62}Ni, n), (^{64}Ni, n), (^{70}Zn, n), E≈200-300 MeV; analyzed SHE production σ. ^{238}U, ^{237}Np, ^{242,244}Pu, ^{243}Am, ^{245,248}Cm, ^{249}Cf(^{22}Ne, 4n), (^{26}Mg, 4n), (^{34}S, 5n), (^{48}Ca, 3n), (^{48}Ca, 4n), E≈200-300 MeV; measured Eα, Iα, SHE production σ using Gas-Filled Recoil Separator; analyzed reaction mechanism features; deduced Q-values, $T_{1/2}$ of sequential decay products and compared to calculations. JOUR ZAANE 42 361
^{273}Rg	2010NI14	NUCLEAR REACTIONS ^{238}U(^{34}S, xn)^{267}Hs / ^{268}Hs, E=148-170 MeV; measured evaporation residues and Eα, Eγ, x-rays, (fragment)α-, (fragment)γ-coin, production σ, fission σ(E), mass distribution of fission fragments as a function of energy. Comparison of fission σ(E) with calculations based on the three-dimensional Langevin equation and deformed target nuclei. Coupled-channel calculations for mass distributions. ^{268,269}Sg, ^{272,273}Hs, ^{269,271,272}Mt, ^{274,275,276,277}Sg, ^{273,275,276}Rg, ^{278,279,280,281}Cn; theoretical estimates of production rates in ^{243}Am, ^{244}Pu, ^{248}Cm(^{34}S, xn), (^{36}S, xn) reactions. JOUR PRVCA 82 024611

A=274

^{274}Sg	2010NI14	NUCLEAR REACTIONS ^{238}U(^{34}S, xn)^{267}Hs / ^{268}Hs, E=148-170 MeV; measured evaporation residues and Eα, Eγ, x-rays, (fragment)α-, (fragment)γ-coin, production σ, fission σ(E), mass distribution of fission fragments as a function of energy. Comparison of fission σ(E) with calculations based on the three-dimensional Langevin equation and deformed target nuclei. Coupled-channel calculations for mass distributions. ^{268,269}Sg, ^{272,273}Hs, ^{269,271,272}Mt, ^{274,275,276,277}Sg, ^{273,275,276}Rg, ^{278,279,280,281}Cn; theoretical estimates of production rates in ^{243}Am, ^{244}Pu, ^{248}Cm(^{34}S, xn), (^{36}S, xn) reactions. JOUR PRVCA 82 024611
^{274}Bh	2010OG01	RADIOACTIVITY ^{293,294}117, ^{289,290}115, ^{285,286}113, ^{282}Rg, ^{278}Mt, ^{274}Bh(α); measured Eα, Iα, and half-lives. ^{270}Db, ^{281}Rg(SF); measured TKE, and $T_{1/2}$. JOUR PRLTA 104 142502

A=274 *(continued)*

^{274}Hs	2010IT02	NUCLEAR REACTIONS ^{248}Cm(^{26}Mg, X)^{274}Hs, E*=28-64 MeV; ^{238}U(^{36}S, X)^{274}Hs, E*=30-57 MeV; ^{208}Pb(^{58}Fe, X)^{266}Hs, E*=33, 48 MeV; measured σ, fragment energy spectra (TKE), yields using CORSET spectrometer; deduced reaction mechanism features. JOUR NUPAB 834 374c

A=275

^{275}Sg	2010NI14	NUCLEAR REACTIONS ^{238}U(^{34}S, xn)^{267}Hs / ^{268}Hs, E=148-170 MeV; measured evaporation residues and Eα, Eγ, x-rays, (fragment)α-, (fragment)γ-coin, production σ, fission σ(E), mass distribution of fission fragments as a function of energy. Comparison of fission σ(E) with calculations based on the three-dimensional Langevin equation and deformed target nuclei. Coupled-channel calculations for mass distributions. ^{268,269}Sg, ^{272,273}Hs, ^{269,271,272}Mt, ^{274,275,276,277}Sg, ^{273,275,276}Rg, ^{278,279,280,281}Cn; theoretical estimates of production rates in ^{243}Am, ^{244}Pu, ^{248}Cm(^{34}S, xn), (^{36}S, xn) reactions. JOUR PRVCA 82 024611
^{275}Rg	2010NI14	NUCLEAR REACTIONS ^{238}U(^{34}S, xn)^{267}Hs / ^{268}Hs, E=148-170 MeV; measured evaporation residues and Eα, Eγ, x-rays, (fragment)α-, (fragment)γ-coin, production σ, fission σ(E), mass distribution of fission fragments as a function of energy. Comparison of fission σ(E) with calculations based on the three-dimensional Langevin equation and deformed target nuclei. Coupled-channel calculations for mass distributions. ^{268,269}Sg, ^{272,273}Hs, ^{269,271,272}Mt, ^{274,275,276,277}Sg, ^{273,275,276}Rg, ^{278,279,280,281}Cn; theoretical estimates of production rates in ^{243}Am, ^{244}Pu, ^{248}Cm(^{34}S, xn), (^{36}S, xn) reactions. JOUR PRVCA 82 024611

A=276

^{276}Sg	2010NI14	NUCLEAR REACTIONS ^{238}U(^{34}S, xn)^{267}Hs / ^{268}Hs, E=148-170 MeV; measured evaporation residues and Eα, Eγ, x-rays, (fragment)α-, (fragment)γ-coin, production σ, fission σ(E), mass distribution of fission fragments as a function of energy. Comparison of fission σ(E) with calculations based on the three-dimensional Langevin equation and deformed target nuclei. Coupled-channel calculations for mass distributions. ^{268,269}Sg, ^{272,273}Hs, ^{269,271,272}Mt, ^{274,275,276,277}Sg, ^{273,275,276}Rg, ^{278,279,280,281}Cn; theoretical estimates of production rates in ^{243}Am, ^{244}Pu, ^{248}Cm(^{34}S, xn), (^{36}S, xn) reactions. JOUR PRVCA 82 024611

A=276 ***(continued)***

^{276}Rg	2010NI14	NUCLEAR REACTIONS ^{238}U(^{34}S, xn)^{267}Hs / ^{268}Hs, E=148-170 MeV; measured evaporation residues and Eα, Eγ, x-rays, (fragment)α-, (fragment)γ-coin, production σ, fission σ(E), mass distribution of fission fragments as a function of energy. Comparison of fission σ(E) with calculations based on the three-dimensional Langevin equation and deformed target nuclei. Coupled-channel calculations for mass distributions. ^{268,269}Sg, ^{272,273}Hs, ^{269,271,272}Mt, ^{274,275,276,277}Sg, ^{273,275,276}Rg, ^{278,279,280,281}Cn; theoretical estimates of production rates in ^{243}Am, ^{244}Pu, ^{248}Cm(^{34}S, xn), (^{36}S, xn) reactions. JOUR PRVCA 82 024611

A=277

^{277}Sg	2010NI14	NUCLEAR REACTIONS ^{238}U(^{34}S, xn)^{267}Hs / ^{268}Hs, E=148-170 MeV; measured evaporation residues and Eα, Eγ, x-rays, (fragment)α-, (fragment)γ-coin, production σ, fission σ(E), mass distribution of fission fragments as a function of energy. Comparison of fission σ(E) with calculations based on the three-dimensional Langevin equation and deformed target nuclei. Coupled-channel calculations for mass distributions. ^{268,269}Sg, ^{272,273}Hs, ^{269,271,272}Mt, ^{274,275,276,277}Sg, ^{273,275,276}Rg, ^{278,279,280,281}Cn; theoretical estimates of production rates in ^{243}Am, ^{244}Pu, ^{248}Cm(^{34}S, xn), (^{36}S, xn) reactions. JOUR PRVCA 82 024611
^{277}Hs	2010DU06	RADIOACTIVITY ^{288,289}114, ^{285}Cn(α), ^{281}Ds(α), ^{284}Cn, ^{281}Ds, ^{277}Hs(SF); measured reaction products, Eα, Iα; deduced α-decay chains, $T_{1/2}$. JOUR PRLTA 104 252701

A=278

^{278}Mt	2010OG01	RADIOACTIVITY ^{293,294}117, ^{289,290}115, ^{285,286}113, ^{282}Rg, ^{278}Mt, ^{274}Bh(α); measured Eα, Iα, and half-lives. ^{270}Db, ^{281}Rg(SF); measured TKE, and $T_{1/2}$. JOUR PRLTA 104 142502
^{278}113	2009OG07	NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(^{48}Ca, n), (^{50}Ti, n), (^{54}Cr, n), (^{58}Fe, n), (^{62}Ni, n), (^{64}Ni, n), (^{70}Zn, n), E≈200-300 MeV; analyzed SHE production σ. ^{238}U, ^{237}Np, ^{242,244}Pu, ^{243}Am, ^{245,248}Cm, ^{249}Cf(^{22}Ne, 4n), (^{26}Mg, 4n), (^{34}S, 5n), (^{48}Ca, 3n), (^{48}Ca, 4n), E≈200-300 MeV; measured Eα, Iα, SHE production σ using Gas-Filled Recoil Separator; analyzed reaction mechanism features; deduced Q-values, $T_{1/2}$ of sequential decay products and compared to calculations. JOUR ZAANE 42 361

A=278 *(continued)*

^{278}114	2009OG07	NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(^{48}Ca, n), (^{50}Ti, n), (^{54}Cr, n), (^{58}Fe, n), (^{62}Ni, n), (^{64}Ni, n), (^{70}Zn, n), E≈200-300 MeV; analyzed SHE production σ. ^{238}U, ^{237}Np, ^{242,244}Pu, ^{243}Am, ^{245,248}Cm, ^{249}Cf(^{22}Ne, 4n), (^{26}Mg, 4n), (^{34}S, 5n), (^{48}Ca, 3n), (^{48}Ca, 4n), E≈200-300 MeV; measured Eα, Iα, SHE production σ using Gas-Filled Recoil Separator; analyzed reaction mechanism features; deduced Q-values, $T_{1/2}$ of sequential decay products and compared to calculations. JOUR ZAANE 42 361

A=279

No references found

A=280

No references found

A=281

^{281}Ds	2010DU06	RADIOACTIVITY ^{288,289}114, ^{285}Cn(α), ^{281}Ds(α), ^{284}Cn, ^{281}Ds, ^{277}Hs(SF); measured reaction products, Eα, Iα; deduced α-decay chains, $T_{1/2}$. JOUR PRLTA 104 252701
^{281}Rg	2010OG01	RADIOACTIVITY ^{293,294}117, ^{289,290}115, ^{285,286}113, ^{282}Rg, ^{278}Mt, ^{274}Bh(α); measured Eα, Iα, and half-lives. ^{270}Db, ^{281}Rg(SF); measured TKE, and $T_{1/2}$. JOUR PRLTA 104 142502
^{281}113	2009OG07	NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(^{48}Ca, n), (^{50}Ti, n), (^{54}Cr, n), (^{58}Fe, n), (^{62}Ni, n), (^{64}Ni, n), (^{70}Zn, n), E≈200-300 MeV; analyzed SHE production σ. ^{238}U, ^{237}Np, ^{242,244}Pu, ^{243}Am, ^{245,248}Cm, ^{249}Cf(^{22}Ne, 4n), (^{26}Mg, 4n), (^{34}S, 5n), (^{48}Ca, 3n), (^{48}Ca, 4n), E≈200-300 MeV; measured Eα, Iα, SHE production σ using Gas-Filled Recoil Separator; analyzed reaction mechanism features; deduced Q-values, $T_{1/2}$ of sequential decay products and compared to calculations. JOUR ZAANE 42 361

A=282

^{282}Rg	2010OG01	RADIOACTIVITY ^{293,294}117, ^{289,290}115, ^{285,286}113, ^{282}Rg, ^{278}Mt, ^{274}Bh(α); measured Eα, Iα, and half-lives. ^{270}Db, ^{281}Rg(SF); measured TKE, and $T_{1/2}$. JOUR PRLTA 104 142502

A=282 ***(continued)***

^{282}113	2009OG07	NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(^{48}Ca, n), (^{50}Ti, n), (^{54}Cr, n), (^{58}Fe, n), (^{62}Ni, n), (^{64}Ni, n), (^{70}Zn, n), E≈200-300 MeV; analyzed SHE production σ. ^{238}U, ^{237}Np, ^{242,244}Pu, ^{243}Am, ^{245,248}Cm, ^{249}Cf(^{22}Ne, 4n), (^{26}Mg, 4n), (^{34}S, 5n), (^{48}Ca, 3n), (^{48}Ca, 4n), E≈200-300 MeV; measured Eα, Iα, SHE production σ using Gas-Filled Recoil Separator; analyzed reaction mechanism features; deduced Q-values, $T_{1/2}$ of sequential decay products and compared to calculations. JOUR ZAANE 42 361

A=283

No references found

A=284

No references found

A=285

^{285}113	2010OG01	RADIOACTIVITY ^{293,294}117, ^{289,290}115, ^{285,286}113, ^{282}Rg, ^{278}Mt, ^{274}Bh(α); measured Eα, Iα, and half-lives. ^{270}Db, ^{281}Rg(SF); measured TKE, and $T_{1/2}$. JOUR PRLTA 104 142502
^{285}114	2010EL06	NUCLEAR REACTIONS ^{242}Pu(^{48}Ca, Xn)^{285}114 / ^{286}114 / ^{287}114 / ^{288}114, E=256 MeV; measured reaction products, Eα, Iα; deduced σ, Q-values. Comparison with experimental values. JOUR PRLTA 105 182701

A=286

^{286}113	2010OG01	RADIOACTIVITY ^{293,294}117, ^{289,290}115, ^{285,286}113, ^{282}Rg, ^{278}Mt, ^{274}Bh(α); measured Eα, Iα, and half-lives. ^{270}Db, ^{281}Rg(SF); measured TKE, and $T_{1/2}$. JOUR PRLTA 104 142502
^{286}114	2009OG07	NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(^{48}Ca, n), (^{50}Ti, n), (^{54}Cr, n), (^{58}Fe, n), (^{62}Ni, n), (^{64}Ni, n), (^{70}Zn, n), E≈200-300 MeV; analyzed SHE production σ. ^{238}U, ^{237}Np, ^{242,244}Pu, ^{243}Am, ^{245,248}Cm, ^{249}Cf(^{22}Ne, 4n), (^{26}Mg, 4n), (^{34}S, 5n), (^{48}Ca, 3n), (^{48}Ca, 4n), E≈200-300 MeV; measured Eα, Iα, SHE production σ using Gas-Filled Recoil Separator; analyzed reaction mechanism features; deduced Q-values, $T_{1/2}$ of sequential decay products and compared to calculations. JOUR ZAANE 42 361
	2010EL06	NUCLEAR REACTIONS ^{242}Pu(^{48}Ca, Xn)^{285}114 / ^{286}114 / ^{287}114 / ^{288}114, E=256 MeV; measured reaction products, Eα, Iα; deduced σ, Q-values. Comparison with experimental values. JOUR PRLTA 105 182701

A=287

^{287}114	2009OG07	NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(^{48}Ca, n), (^{50}Ti, n), (^{54}Cr, n), (^{58}Fe, n), (^{62}Ni, n), (^{64}Ni, n), (^{70}Zn, n), E≈200-300 MeV; analyzed SHE production σ. ^{238}U, ^{237}Np, ^{242,244}Pu, ^{243}Am, ^{245,248}Cm, ^{249}Cf(^{22}Ne, 4n), (^{26}Mg, 4n), (^{34}S, 5n), (^{48}Ca, 3n), (^{48}Ca, 4n), E≈200-300 MeV; measured Eα, Iα, SHE production σ using Gas-Filled Recoil Separator; analyzed reaction mechanism features; deduced Q-values, $T_{1/2}$ of sequential decay products and compared to calculations. JOUR ZAANE 42 361
	2010EI01	RADIOACTIVITY ^{287,288}114(α); measured atomic properties of element 114; deduced volatility. Comparison with Hg, At, and element 112 (Cn). JOUR RAACA 98 133
	2010EL06	NUCLEAR REACTIONS ^{242}Pu(^{48}Ca, Xn)^{285}114 / ^{286}114 / ^{287}114 / ^{288}114, E=256 MeV; measured reaction products, Eα, Iα; deduced σ, Q-values. Comparison with experimental values. JOUR PRLTA 105 182701
^{287}115	2009OG07	NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(^{48}Ca, n), (^{50}Ti, n), (^{54}Cr, n), (^{58}Fe, n), (^{62}Ni, n), (^{64}Ni, n), (^{70}Zn, n), E≈200-300 MeV; analyzed SHE production σ. ^{238}U, ^{237}Np, ^{242,244}Pu, ^{243}Am, ^{245,248}Cm, ^{249}Cf(^{22}Ne, 4n), (^{26}Mg, 4n), (^{34}S, 5n), (^{48}Ca, 3n), (^{48}Ca, 4n), E≈200-300 MeV; measured Eα, Iα, SHE production σ using Gas-Filled Recoil Separator; analyzed reaction mechanism features; deduced Q-values, $T_{1/2}$ of sequential decay products and compared to calculations. JOUR ZAANE 42 361

A=288

^{288}114	2009OG07	NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(^{48}Ca, n), (^{50}Ti, n), (^{54}Cr, n), (^{58}Fe, n), (^{62}Ni, n), (^{64}Ni, n), (^{70}Zn, n), E≈200-300 MeV; analyzed SHE production σ. ^{238}U, ^{237}Np, ^{242,244}Pu, ^{243}Am, ^{245,248}Cm, ^{249}Cf(^{22}Ne, 4n), (^{26}Mg, 4n), (^{34}S, 5n), (^{48}Ca, 3n), (^{48}Ca, 4n), E≈200-300 MeV; measured Eα, Iα, SHE production σ using Gas-Filled Recoil Separator; analyzed reaction mechanism features; deduced Q-values, $T_{1/2}$ of sequential decay products and compared to calculations. JOUR ZAANE 42 361
	2010DU06	NUCLEAR REACTIONS ^{244}Pu(^{48}Ca, 3n)^{289}114, ^{244}Pu(^{48}Ca, 4n)^{288}114, E=259.4, 254.6 MeV; measured reaction products, Eα, Iα; deduced σ, α-decay chains, $T_{1/2}$. JOUR PRLTA 104 252701
	2010DU06	RADIOACTIVITY ^{288,289}114, ^{285}Cn(α), ^{281}Ds(α), ^{284}Cn, ^{281}Ds, ^{277}Hs(SF); measured reaction products, Eα, Iα; deduced α-decay chains, $T_{1/2}$. JOUR PRLTA 104 252701
	2010EI01	RADIOACTIVITY ^{287,288}114(α); measured atomic properties of element 114; deduced volatility. Comparison with Hg, At, and element 112 (Cn). JOUR RAACA 98 133
	2010EL06	NUCLEAR REACTIONS ^{242}Pu(^{48}Ca, Xn)^{285}114 / ^{286}114 / ^{287}114 / ^{288}114, E=256 MeV; measured reaction products, Eα, Iα; deduced σ, Q-values. Comparison with experimental values. JOUR PRLTA 105 182701

A=288 *(continued)*

^{288}115	2009OG07	NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(^{48}Ca, n), (^{50}Ti, n), (^{54}Cr, n), (^{58}Fe, n), (^{62}Ni, n), (^{64}Ni, n), (^{70}Zn, n), E≈200-300 MeV; analyzed SHE production σ. ^{238}U, ^{237}Np, ^{242,244}Pu, ^{243}Am, ^{245,248}Cm, ^{249}Cf(^{22}Ne, 4n), (^{26}Mg, 4n), (^{34}S, 5n), (^{48}Ca, 3n), (^{48}Ca, 4n), E≈200-300 MeV; measured Eα, Iα, SHE production σ using Gas-Filled Recoil Separator; analyzed reaction mechanism features; deduced Q-values, $T_{1/2}$ of sequential decay products and compared to calculations. JOUR ZAANE 42 361

A=289

^{289}114	2009OG07	NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(^{48}Ca, n), (^{50}Ti, n), (^{54}Cr, n), (^{58}Fe, n), (^{62}Ni, n), (^{64}Ni, n), (^{70}Zn, n), E≈200-300 MeV; analyzed SHE production σ. ^{238}U, ^{237}Np, ^{242,244}Pu, ^{243}Am, ^{245,248}Cm, ^{249}Cf(^{22}Ne, 4n), (^{26}Mg, 4n), (^{34}S, 5n), (^{48}Ca, 3n), (^{48}Ca, 4n), E≈200-300 MeV; measured Eα, Iα, SHE production σ using Gas-Filled Recoil Separator; analyzed reaction mechanism features; deduced Q-values, $T_{1/2}$ of sequential decay products and compared to calculations. JOUR ZAANE 42 361
	2010DU06	NUCLEAR REACTIONS ^{244}Pu(^{48}Ca, 3n)^{289}114, ^{244}Pu(^{48}Ca, 4n)^{288}114, E=259.4, 254.6 MeV; measured reaction products, Eα, Iα; deduced σ, α-decay chains, $T_{1/2}$. JOUR PRLTA 104 252701
	2010DU06	RADIOACTIVITY ^{288,289}114, ^{285}Cn(α), ^{281}Ds(α), ^{284}Cn, ^{281}Ds, ^{277}Hs(SF); measured reaction products, Eα, Iα; deduced α-decay chains, $T_{1/2}$. JOUR PRLTA 104 252701
^{289}115	2010OG01	RADIOACTIVITY ^{293,294}117, ^{289,290}115, ^{285,286}113, ^{282}Rg, ^{278}Mt, ^{274}Bh(α); measured Eα, Iα, and half-lives. ^{270}Db, ^{281}Rg(SF); measured TKE, and $T_{1/2}$. JOUR PRLTA 104 142502
^{289}116	2009OG07	NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(^{48}Ca, n), (^{50}Ti, n), (^{54}Cr, n), (^{58}Fe, n), (^{62}Ni, n), (^{64}Ni, n), (^{70}Zn, n), E≈200-300 MeV; analyzed SHE production σ. ^{238}U, ^{237}Np, ^{242,244}Pu, ^{243}Am, ^{245,248}Cm, ^{249}Cf(^{22}Ne, 4n), (^{26}Mg, 4n), (^{34}S, 5n), (^{48}Ca, 3n), (^{48}Ca, 4n), E≈200-300 MeV; measured Eα, Iα, SHE production σ using Gas-Filled Recoil Separator; analyzed reaction mechanism features; deduced Q-values, $T_{1/2}$ of sequential decay products and compared to calculations. JOUR ZAANE 42 361

A=290

^{290}115	2010OG01	RADIOACTIVITY ^{293,294}117, ^{289,290}115, ^{285,286}113, ^{282}Rg, ^{278}Mt, ^{274}Bh(α); measured Eα, Iα, and half-lives. ^{270}Db, ^{281}Rg(SF); measured TKE, and $T_{1/2}$. JOUR PRLTA 104 142502

A=290 *(continued)*

^{290}116	2009OG07	NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(^{48}Ca, n), (^{50}Ti, n), (^{54}Cr, n), (^{58}Fe, n), (^{62}Ni, n), (^{64}Ni, n), (^{70}Zn, n), E≈200-300 MeV; analyzed SHE production σ. ^{238}U, ^{237}Np, ^{242,244}Pu, ^{243}Am, ^{245,248}Cm, ^{249}Cf(^{22}Ne, 4n), (^{26}Mg, 4n), (^{34}S, 5n), (^{48}Ca, 3n), (^{48}Ca, 4n), E≈200-300 MeV; measured Eα, Iα, SHE production σ using Gas-Filled Recoil Separator; analyzed reaction mechanism features; deduced Q-values, $T_{1/2}$ of sequential decay products and compared to calculations. JOUR ZAANE 42 361

A=291

No references found

A=292

^{292}116	2009OG07	NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(^{48}Ca, n), (^{50}Ti, n), (^{54}Cr, n), (^{58}Fe, n), (^{62}Ni, n), (^{64}Ni, n), (^{70}Zn, n), E≈200-300 MeV; analyzed SHE production σ. ^{238}U, ^{237}Np, ^{242,244}Pu, ^{243}Am, ^{245,248}Cm, ^{249}Cf(^{22}Ne, 4n), (^{26}Mg, 4n), (^{34}S, 5n), (^{48}Ca, 3n), (^{48}Ca, 4n), E≈200-300 MeV; measured Eα, Iα, SHE production σ using Gas-Filled Recoil Separator; analyzed reaction mechanism features; deduced Q-values, $T_{1/2}$ of sequential decay products and compared to calculations. JOUR ZAANE 42 361
^{292}122	2010MA03	ATOMIC MASSES ^{292}122; measured masses and relative abundances using inductively coupled plasma sector field mass spectrometry; deduced superheavy nucleus with A=292, $T_{1/2}$, long-lived isomeric state. JOUR IMPEE 19 131

A=293

^{293}116	2009OG07	NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(^{48}Ca, n), (^{50}Ti, n), (^{54}Cr, n), (^{58}Fe, n), (^{62}Ni, n), (^{64}Ni, n), (^{70}Zn, n), E≈200-300 MeV; analyzed SHE production σ. ^{238}U, ^{237}Np, ^{242,244}Pu, ^{243}Am, ^{245,248}Cm, ^{249}Cf(^{22}Ne, 4n), (^{26}Mg, 4n), (^{34}S, 5n), (^{48}Ca, 3n), (^{48}Ca, 4n), E≈200-300 MeV; measured Eα, Iα, SHE production σ using Gas-Filled Recoil Separator; analyzed reaction mechanism features; deduced Q-values, $T_{1/2}$ of sequential decay products and compared to calculations. JOUR ZAANE 42 361
^{293}117	2010OG01	NUCLEAR REACTIONS ^{249}Bk(^{48}Ca, 4n), E=252 MeV; ^{249}Bk(^{48}Ca, 3n) , E=247 MeV;measured Eα, Iα, α-α correlations. ^{293,294}117; deduced σ, decay chains, $T_{1/2}$. JOUR PRLTA 104 142502
	2010OG01	RADIOACTIVITY ^{293,294}117, ^{289,290}115, ^{285,286}113, ^{282}Rg, ^{278}Mt, ^{274}Bh(α); measured Eα, Iα, and half-lives. ^{270}Db, ^{281}Rg(SF); measured TKE, and $T_{1/2}$. JOUR PRLTA 104 142502

A=293 *(continued)*

^{293}118 2009OG07 NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(^{48}Ca, n), (^{50}Ti, n), (^{54}Cr, n), (^{58}Fe, n), (^{62}Ni, n), (^{64}Ni, n), (^{70}Zn, n), E≈200-300 MeV; analyzed SHE production σ. ^{238}U, ^{237}Np, ^{242,244}Pu, ^{243}Am, ^{245,248}Cm, ^{249}Cf(^{22}Ne, 4n), (^{26}Mg, 4n), (^{34}S, 5n), (^{48}Ca, 3n), (^{48}Ca, 4n), E≈200-300 MeV; measured Eα, Iα, SHE production σ using Gas-Filled Recoil Separator; analyzed reaction mechanism features; deduced Q-values, $T_{1/2}$ of sequential decay products and compared to calculations. JOUR ZAANE 42 361

A=294

^{294}117 2010OG01 NUCLEAR REACTIONS ^{249}Bk(^{48}Ca, 4n), E=252 MeV; ^{249}Bk(^{48}Ca, 3n) , E=247 MeV;measured Eα, Iα, α-α correlations. ^{293,294}117; deduced σ, decay chains, $T_{1/2}$. JOUR PRLTA 104 142502

2010OG01 RADIOACTIVITY ^{293,294}117, ^{289,290}115, ^{285,286}113, ^{282}Rg, ^{278}Mt, ^{274}Bh(α); measured Eα, Iα, and half-lives. ^{270}Db, ^{281}Rg(SF); measured TKE, and $T_{1/2}$. JOUR PRLTA 104 142502

^{294}118 2009OG07 NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(^{48}Ca, n), (^{50}Ti, n), (^{54}Cr, n), (^{58}Fe, n), (^{62}Ni, n), (^{64}Ni, n), (^{70}Zn, n), E≈200-300 MeV; analyzed SHE production σ. ^{238}U, ^{237}Np, ^{242,244}Pu, ^{243}Am, ^{245,248}Cm, ^{249}Cf(^{22}Ne, 4n), (^{26}Mg, 4n), (^{34}S, 5n), (^{48}Ca, 3n), (^{48}Ca, 4n), E≈200-300 MeV; measured Eα, Iα, SHE production σ using Gas-Filled Recoil Separator; analyzed reaction mechanism features; deduced Q-values, $T_{1/2}$ of sequential decay products and compared to calculations. JOUR ZAANE 42 361

A=295

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A=296

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A=297

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A=299

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