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This document lists experimental references added to Nuclear Science References (NSR) during the period April 1, 2008 to June 30, 2008. The first section lists keynumbers and keywords sorted by mass and nuclide. The second section lists all references, ordered by keynumber.

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Contents

Keynumbers and Keywords

A=1

^{1}n	2007MAZD	NUCLEAR REACTIONS ^{2}H(polarized p, 2p) E=250 MeV; measured Ep, Ip, p-p coin; deduced analysing power A_y. CONF Kyoto(Spin Physics) Proc.P781,Maeda
	2007SEZS	NUCLEAR REACTIONS ^{1}H(polarized d, 2p), E=135 MeV / nucleon; measured polarization transfer coefficients, analyzing powers. Compared with Faddeev calculations. CONF Kyoto(Spin Physics) Proc.P759,Sekiguchi
	2008CH14	NUCLEAR REACTIONS ^{2}H(π^-, nγ)n, E=20 MeV; measured neutron time-of-flight spectra, Eγ, Iγ, nγ-coin, neutron-neutron scattering length. JOUR PRVCA 77 054002
	2008HA14	NUCLEAR REACTIONS ^{1}H, ^{12}C, ^{28}Si(e, e'K$^+$), E=1.8 GeV; measured hypernuclei missing mass spectra using the Tilt method. JOUR NUPAB 804 125
	2008LA06	NUCLEAR REACTIONS ^{2}H(^{18}O, α^{15}N)n, E=54 MeV; measured charged particle spectra, angular and momentum distributions, cross sections; ^{18}O(p, α)^{15}N, E(cm)=0-1.5 MeV; deduced S-factor, reaction rate. Trojan Horse Method. JOUR JPGPE 35 014014
	2008WA09	NUCLEAR REACTIONS ^{2}H(^{12}C, ^{13}N), E=72 MeV; measured excitation function. ^{1}H(^{13}N, ^{13}N), E=47.8 MeV; measured proton energy, $\sigma(\theta)$. ^{13}N, ^{14}O; deduced levels, J, π, resonance parameters. JOUR PRVCA 77 044304
^{1}H	2007PEZV	NUCLEAR REACTIONS ^{1}H(^{18}Ne, ^{18}Ne'), E(cm)=2.6-3.4 MeV; measured recoil Ep, Ip. ^{19}Ne; deduced levels. CONF Lisbon (PROCON 2007),Proc.P181,Pellegriti
	2007SAZW	NUCLEAR REACTIONS ^{1}H(^{6}He, ^{6}He) E=71 Mev / nucleon; measured ^{6}He(θ), p(θ), ^{6}He-p coin. Polarized target. Discussed analyzing power A_y. CONF Kyoto(Spin Physics) Proc.P833,Sakaguchi
	2008AH01	NUCLEAR REACTIONS ^{2}H(polarized γ, n)p, E=2.44, 2.60, 2.72 MeV; measured analyzing power, σ, photon asymmetry, angular distributions, neutron spectra by time-of-flight; deduced Gerasimov-Drell-Hearn sum rule integrand and sum rule integrand for forward spin polarizability. Compared with theoretical predictions. JOUR PRVCA 77 044005
	2008HE04	NUCLEAR REACTIONS ^{1}H(^{21}Na, ^{21}Na), E=4 MeV / nucleon; measured σ(E). ^{22}Mg deduced levels, J, π. JOUR ZAANE 36 1
	2008WA09	NUCLEAR REACTIONS ^{2}H(^{12}C, ^{13}N), E=72 MeV; measured excitation function. ^{1}H(^{13}N, ^{13}N), E=47.8 MeV; measured proton energy, $\sigma(\theta)$. ^{13}N, ^{14}O; deduced levels, J, π, resonance parameters. JOUR PRVCA 77 044304

A=2

^{2}H	2007SEZS	NUCLEAR REACTIONS ^{1}H(polarized d, p), E=135 MeV / nucleon; measured $\sigma(\theta)$, polarization transfer coefficients, analyzing powers. Compared with Faddeev calculations. CONF Kyoto(Spin Physics) Proc.P759,Sekiguchi
	2007TAZO	NUCLEAR REACTIONS ^{2}H(polarized p, p), E=392 MeV; measured Ep, Ip, Ed, Id. deduced $\sigma(\theta)$, analyzing power. Compared with Faddeev calculations. CONF Kyoto(Spin Physics) Proc.P765,Tamii
	2008EL02	NUCLEAR REACTIONS ^{1}H(^{28}Ne, ^{27}Ne), E≈51.3 MeV / nucleon; ^{22}O(d, p)^{23}O, E=34 MeV / nucleon; measured Eγ, Iγ, cross sections. ^{27}Ne, ^{23}O; deduced levels, J, π, Spectroscopic factors. Compared results to model calculations. JOUR JPGPE 35 014038
	2008GA07	NUCLEAR REACTIONS ^{1}H(^{31}S, ^{30}S), E=71 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin. ^{30}S; deduced level energies, J, π. JOUR JPGPE 35 014030
	2008RY01	NUCLEAR REACTIONS ^{2}H(e, e'), E=27.8, 74.0 MeV; measured inclusive elastic cross sections; deduced deuteron breakup cross sections. JOUR PRLTA 100 172501

A=3

^{3}n	2008IW02	NUCLEAR REACTIONS ^{4}He(K^{-}, p), E at rest; measured charged-particle and proton momenta spectra and missing mass spectrum; deduced upper limit for a strange tribaryon state. JOUR NUPAB 804 186
^{3}H	2007IMZY	NUCLEAR REACTIONS ^{2}H(d, p)^{3}H E=58 keV; measured Ed, Id, Ep, Ip, polarizations, analyzing power; deduced polarization-transfer coefficient. Polarized d and p, Faddeev-Yakubovsky and T-matrix parametrization calculations. CONF Kyoto(Spin Physics) Proc.P795,Imig
	2008CZ01	NUCLEAR REACTIONS ^{2}H(d, p), (d, n), E=8-30 keV; measured charged particle spectra, cross sections, angular distributions, and thick target yield for screened target. JOUR JPGPE 35 014012
	2008TA13	NUCLEAR REACTIONS ^{1}H(^{11}Li, ^{9}Li)^{3}H, E=3 MeV / nucleon; measured $\sigma(\theta)$, proton-Li-coin using gas-Si-CsI target-detection system (MAYA active target); deduced spectroscopic factors. Comparison with Optical Model calculations. JOUR PRLTA 100 192502
	2008VE02	NUCLEAR REACTIONS ^{6}Li(polarized n, α)^{3}H, E not given; measured parity-violating triton emission asymmetry coefficient. Used ultracold polarized neutrons. JOUR PRVCA 77 035501
^{3}He	2008CR02	NUCLEAR REACTIONS ^{6}Li(p, α), E=90-580 keV; ^{7}Li(p, α), E=90-1740 keV; measured cross sections and angular distributions; deduced S-factor. comparison with previous experimental data. JOUR JPGPE 35 014004
	2008CZ01	NUCLEAR REACTIONS ^{2}H(d, p), (d, n), E=8-30 keV; measured charged particle spectra, cross sections, angular distributions, and thick target yield for screened target. JOUR JPGPE 35 014012

A=4

^{4}He	2007YAZR	NUCLEAR REACTIONS ^{6}Li(d, α)^{4}He E=90 keV; measured analyzing power; ^{8}Be; deduced contribution of the 2^{+} resonance level on cross section. CONF Kyoto(Spin Physics) Proc.P799,Yamaguchi
	2008CR02	NUCLEAR REACTIONS ^{6}Li(p, α), E=90-580 keV; ^{7}Li(p, α), E=90-1740 keV; measured cross sections and angular distributions; deduced S-factor. comparison with previous experimental data. JOUR JPGPE 35 014004

A=5

^{5}He	2008NO01	NUCLEAR REACTIONS ^{6}Li, ^{12}C, ^{40}Ca(p, 2p)E=392 MeV; measured Wolfenstein parameters, induced polarizations, analyzing powers, separation energy spectra. Comparison with DWIA and PWIA models. JOUR PRVCA 77 044604

A=6

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

A=7

^{7}Li	2008AG07	NUCLEAR REACTIONS ^{6,7}Li, ^{12}C(K^{-}, π^{-}), E at rest; measured negative pion momentum spectrum, (proton)(pion)-coin and Ep, Ip from decaying hypernucleus. Comparison with other data. JOUR NUPAB 804 151
	2008GA10	NUCLEAR REACTIONS ^{9}Be(^{36}Ar, X)^{19}F / ^{20}Ne / ^{21}Na / ^{22}Mg / ^{23}Al, E=130 MeV / nucleon; measured energy loss, intensities for reaction products. ^{9}Be(^{24}Si, X)^{23}Al / ^{23}Si, E=85.3 MeV / nucleon; measured single-particle cross sections, momentum distributions, spectroscopic factors. ^{9}Be(^{28}S, X)^{27}P, E=80.7 MeV / nucleon; measured Eγ, Iγ.^{9}Be(^{28}S, X)^{27}P / ^{27}S, E=80.7 MeV / nucleon; measured single particle cross sections, spectroscopic factors, momentum distributions. ^{7}Li, ^{8}B, ^{9,12,15}C, ^{16}O, ^{32,34,36}Ar, ^{24,30}Si, ^{26,28}S, ^{31}P, ^{40,48}Ca, ^{51}V, ^{90}Zr, ^{208}Pb; systematics of cross sections. JOUR PRVCA 77 044306
	2008KU09	RADIOACTIVITY ^{7}Be(EC); ^{198}Au(β^{-}); measured dependence of decay rate on temperature. Be in Cu host, Au in Al-Au alloy. No evidence found for temperature dependence on half-life. JOUR PRVCA 77 051304
	2008LI20	RADIOACTIVITY ^{7}Be(EC) [from ^{7}Li(p, n), E=11.4 MeV]; measured $T_{1/2}$ in different metallic environments. JOUR NIMBE 266 2117

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	2008TA06	NUCLEAR REACTIONS ^{7}Li, ^{12}C(π^+, K$^+$), E not given; measured Eγ, Iγ. ^{9}Be, ^{10}B, ^{13}C, ^{16}O(K$^-$, π^-), E not given; analyzed Eγ, Iγ. ^{7}Li, ^{9}Be, ^{10,11}B, ^{12,13}C, ^{15}N, ^{16}O deduced hypernuclei levels, J, π. Hyperball and Hyperball2 arrays. JOUR NUPAB 804 73
^{7}Be	2008DI03	NUCLEAR REACTIONS ^{3}He(α, γ), E(cm)=0.7-3.2 MeV; measured Eγ, Iγ, γ-recoil coin, cross section. JOUR JPGPE 35 014021
	2008KU09	RADIOACTIVITY ^{7}Be(EC); ^{198}Au(β^-); measured dependence of decay rate on temperature. Be in Cu host, Au in Al-Au alloy. No evidence found for temperature dependence on half-life. JOUR PRVCA 77 051304
	2008LI20	RADIOACTIVITY ^{7}Be(EC) [from ^{7}Li(p, n), E=11.4 MeV]; measured $T_{1/2}$ in different metallic environments. JOUR NIMBE 266 2117
	2008MU09	NUCLEAR REACTIONS Li, B(p, X), (d, X)^{7}Be, E not given; measured Eγ, Iγ, yields. JOUR AENGA 104 82

A=8

^{8}Li	2007SUZX	RADIOACTIVITY ^{8}Li, ^{8}B($\beta\alpha$) [from ^{7}Li(d, p) and ^{6}Li(^{3}He, n)]; measured $\beta(\theta$, H, t) from polarized sources; deduced alignment terms. CONF Kyoto(Spin Physics) Proc.P230,Sumikama
^{8}Be	2007YAZR	NUCLEAR REACTIONS ^{6}Li(d, α)^{4}He E=90 keV; measured analyzing power; ^{8}Be; deduced contribution of the 2$^+$ resonance level on cross section. CONF Kyoto(Spin Physics) Proc.P799,Yamaguchi
^{8}B	2007SUZX	RADIOACTIVITY ^{8}Li, ^{8}B($\beta\alpha$) [from ^{7}Li(d, p) and ^{6}Li(^{3}He, n)]; measured $\beta(\theta$, H, t) from polarized sources; deduced alignment terms. CONF Kyoto(Spin Physics) Proc.P230,Sumikama
	2008GA10	NUCLEAR REACTIONS ^{9}Be(^{36}Ar, X)^{19}F / ^{20}Ne / ^{21}Na / ^{22}Mg / ^{23}Al, E=130 MeV / nucleon; measured energy loss, intensities for reaction products. ^{9}Be(^{24}Si, X)^{23}Al / ^{23}Si, E=85.3 MeV / nucleon; measured single-particle cross sections, momentum distributions, spectroscopic factors. ^{9}Be(^{28}S, X)^{27}P, E=80.7 MeV / nucleon; measured Eγ, Iγ.^{9}Be(^{28}S, X)^{27}P / ^{27}S, E=80.7 MeV / nucleon; measured single particle cross sections, spectroscopic factors, momentum distributions. ^{7}Li, ^{8}B, ^{9,12,15}C, ^{16}O, ^{32,34,36}Ar, ^{24,30}Si, ^{26,28}S, ^{31}P, ^{40,48}Ca, ^{51}V, ^{90}Zr, ^{208}Pb; systematics of cross sections. JOUR PRVCA 77 044306

A=9

^{9}Li	2008LE08	NUCLEAR REACTIONS ^{9}Be, ^{12}C, ^{16}O(e, e'K$^+$), E=3.66 GeV; measured hypernuclei production excitation spectra, σ(E), missing mass spectra. ^{12}B, ^{16}N deduced hypernuclei levels, J, π. JOUR NUPAB 804 116
^{9}Be	2008TA06	NUCLEAR REACTIONS ^{7}Li, ^{12}C(π^+, K$^+$), E not given; measured Eγ, Iγ. ^{9}Be, ^{10}B, ^{13}C, ^{16}O(K$^-$, π^-), E not given; analyzed Eγ, Iγ. ^{7}Li, ^{9}Be, ^{10,11}B, ^{12,13}C, ^{15}N, ^{16}O deduced hypernuclei levels, J, π. Hyperball and Hyperball2 arrays. JOUR NUPAB 804 73

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

A=10

^{10}Be	2008WA06	NUCLEAR REACTIONS ^{9}Be(n, γ), E= spectrum; ^{13}C(n, γ), E=spectrum; measured capture cross sections using a combination of activation technique and AMS. Comparisons with existing data. JOUR JPGPE 35 014018
^{10}B	2008AD04	NUCLEAR REACTIONS ^{9}Be(^{67}Co, ^{66}Fe)X, E=84.3 MeV / nucleon; ^{9}Be(^{68}Ni, ^{66}Fe)X, E=74.7 MeV / nucleon; ^{9}Be(^{69}Co, ^{68}Fe)X, E=77.8 MeV / nucleon; ^{9}Be(^{66}Fe, ^{64}Cr)X, E=73.5 MeV / nucleon; measured Eγ, Iγ, σ. ^{66,68}Fe, ^{64}Cr; deduced levels, J, π. ^{9}Be(^{76}Ge, X)^{63}Fe / ^{64}Fe / ^{65}Fe / ^{66}Fe / ^{68}Ni / ^{69}Cu, E=130 MeV / nucleon;measured yields. JOUR PRVCA 77 054306
	2008IA01	RADIOACTIVITY ^{10}C(β^+) [from ^{1}H(^{11}B, 2n), E=23 MeV / nucleon]; measured half-life using pulsed-beam method; deduced ft value for superallowed β decay. JOUR PRVCA 77 045501
	2008TA06	NUCLEAR REACTIONS ^{7}Li, ^{12}C(π^+, K$^+$), E not given; measured Eγ, Iγ. ^{9}Be, ^{10}B, ^{13}C, ^{16}O(K$^-$, π^-), E not given; analyzed Eγ, Iγ. ^{7}Li, ^{9}Be, ^{10,11}B, ^{12,13}C, ^{15}N, ^{16}O deduced hypernuclei levels, J, π. Hyperball and Hyperball2 arrays. JOUR NUPAB 804 73
^{10}C	2008HAZZ	RADIOACTIVITY ^{10}C, ^{14}O, ^{22}Mg, ^{26m}Al, ^{34}Cl, ^{34}Ar, ^{38m}K, ^{42}Sc, ^{46}V, ^{50}Mn, ^{54}Co, ^{62}Ga, ^{74}Rb; analyzed superallowed β-decay data. ^{34}Ar(β^+), (EC) [from ^{1}H(^{35}Cl, 2n), E=35 MeV / nucleon]; measured Eγ, Iγ, Eβ, $\beta\gamma$ coin; deduced β^++EC branches for superallowed β decay. CONF Sinaia(Exotic Nuclei and Nucl.Part.Astorphysics(II)) Proc.P119,Ha
	2008IA01	RADIOACTIVITY ^{10}C(β^+) [from ^{1}H(^{11}B, 2n), E=23 MeV / nucleon]; measured half-life using pulsed-beam method; deduced ft value for superallowed β decay. JOUR PRVCA 77 045501

A=11

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

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	2008BA18	ATOMIC MASSES ^{11}Li; measured mass and two-neutron separation energy using the MISTRAL spectrometer at ISOLDE. JOUR PRLTA 100 182501
^{11}Be	2007BAZQ	RADIOACTIVITY ^{146}Tm(β^+p); measured β^+, charged particle spectra; ^{11}Be; deduced three body break-up excited state through ^{10}Be state. CONF Lisbon (PROCON 2007),Proc.P291,Batchelder
	2007RAZS	RADIOACTIVITY ^{11}Li(β^-); measured β-delayed deuteron, triton, charged particle total energy spectra.^{8,9}Li; deduced $T_{1/2}$. CONF Lisbon (PROCON 2007),Proc.P218,Raabe
^{11}B	2008LA08	NUCLEAR REACTIONS ^{4}He(^{8}Li, n), E(cm)=1.05 MeV; ^{4}He(^{9}Be, n), E(cm)=1.45 MeV; measured En, In, σ. Comparison with other data. JOUR PYLBB 664 157
	2008NO01	NUCLEAR REACTIONS ^{6}Li, ^{12}C, ^{40}Ca(p, 2p)E=392 MeV; measured Wolfenstein parameters, induced polarizations, analyzing powers, separation energy spectra. Comparison with DWIA and PWIA models. JOUR PRVCA 77 044604
	2008TA06	NUCLEAR REACTIONS ^{7}Li, ^{12}C(π^+, K$^+$), E not given; measured Eγ, Iγ. ^{9}Be, ^{10}B, ^{13}C, ^{16}O(K$^-$, π^-), E not given; analyzed Eγ, Iγ. ^{7}Li, ^{9}Be, ^{10,11}B, ^{12,13}C, ^{15}N, ^{16}O deduced hypernuclei levels, J, π. Hyperball and Hyperball2 arrays. JOUR NUPAB 804 73
^{11}C	2008AD04	NUCLEAR REACTIONS ^{9}Be(^{67}Co, ^{66}Fe)X, E=84.3 MeV / nucleon; ^{9}Be(^{68}Ni, ^{66}Fe)X, E=74.7 MeV / nucleon; ^{9}Be(^{69}Co, ^{68}Fe)X, E=77.8 MeV / nucleon; ^{9}Be(^{66}Fe, ^{64}Cr)X, E=73.5 MeV / nucleon; measured Eγ, Iγ, σ. ^{66,68}Fe, ^{64}Cr; deduced levels, J, π. ^{9}Be(^{76}Ge, X)^{63}Fe / ^{64}Fe / ^{65}Fe / ^{66}Fe / ^{68}Ni / ^{69}Cu, E=130 MeV / nucleon;measured yields. JOUR PRVCA 77 054306
	2008ST10	NUCLEAR REACTIONS ^{10}B(d, n)^{11}C, E<160 keV; measured σ, astrophysical S factors, neutron spectra, angular distributions. Comparison with DWBA and Hauser-Feshbach calculations. JOUR PRVCA 77 054607

A=12

^{12}B	2008HA14	NUCLEAR REACTIONS ^{1}H, ^{12}C, ^{28}Si(e, e'K$^+$), E=1.8 GeV; measured hypernuclei missing mass spectra using the Tilt method. JOUR NUPAB 804 125
	2008LE08	NUCLEAR REACTIONS ^{9}Be, ^{12}C, ^{16}O(e, e'K$^+$), E=3.66 GeV; measured hypernuclei production excitation spectra, σ(E), missing mass spectra. ^{12}B, ^{16}N deduced hypernuclei levels, J, π. JOUR NUPAB 804 116
^{12}C	2007TA34	RADIOACTIVITY ^{16}N(β^-), ($\beta^-\alpha$); measured Eα, Iα, ^{12}Cα-coin. ^{12}C(α, γ); deduced astrophysical S-factor. JOUR PRLTA 99 052502
	2008AG07	NUCLEAR REACTIONS ^{6,7}Li, ^{12}C(K$^-$, π^-), E at rest; measured negative pion momentum spectrum, (proton)(pion)-coin and Ep, Ip from decaying hypernucleus. Comparison with other data. JOUR NUPAB 804 151

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	2008CH13	NUCLEAR REACTIONS ^{11}B(p, γ), E=7-24.5 MeV; measured Eγ, Iγ, capture cross sections. ^{12}C; deduced resonances. Comparison with DSD model calculations and structures of ^{14}N and ^{14}C. JOUR PRVCA 77 051302
	2008EI01	NUCLEAR REACTIONS ^{12}C(ν, ν'), E < 52.8 MeV; ^{12,13}C, ^{56}Fe(ν, e$^-$), E < 52.8 MeV; measured flux averaged cross sections, energy distribution of ν-induced single events; deduced neutrino oscillation upper limit. JOUR JPGPE 35 014055
	2008GA10	NUCLEAR REACTIONS ^{9}Be(^{36}Ar, X)^{19}F / ^{20}Ne / ^{21}Na / ^{22}Mg / ^{23}Al, E=130 MeV / nucleon; measured energy loss, intensities for reaction products. ^{9}Be(^{24}Si, X)^{23}Al / ^{23}Si, E=85.3 MeV / nucleon; measured single-particle cross sections, momentum distributions, spectroscopic factors. ^{9}Be(^{28}S, X)^{27}P, E=80.7 MeV / nucleon; measured Eγ, Iγ.^{9}Be(^{28}S, X)^{27}P / ^{27}S, E=80.7 MeV / nucleon; measured single particle cross sections, spectroscopic factors, momentum distributions. ^{7}Li, ^{8}B, ^{9,12,15}C, ^{16}O, ^{32,34,36}Ar, ^{24,30}Si, ^{26,28}S, ^{31}P, ^{40,48}Ca, ^{51}V, ^{90}Zr, ^{208}Pb; systematics of cross sections. JOUR PRVCA 77 044306
	2008GU08	NUCLEAR REACTIONS ^{14}N(d, p), (d, α), E=0.7-2.2 keV; measured excitation functions. JOUR NIMBE 266 1206
	2008LA08	NUCLEAR REACTIONS ^{4}He(^{8}Li, n), E(cm)=1.05 MeV; ^{4}He(^{9}Be, n), E(cm)=1.45 MeV; measured En, In, σ. Comparison with other data. JOUR PYLBB 664 157
	2008PE09	NUCLEAR REACTIONS ^{13}C(^{7}Li, t), (^{7}Li, ^{7}Li), E=28, 34 MeV; measured $\sigma(\theta)$. ^{17}O; deduced levels, J, α spectroscopic factors, asymptotic normalization factors. ^{12}C(^{7}Li, t), (^{7}Li, ^{7}Li), E=28 MeV; measured yields. ^{13}C(α, n); deduced astrophysical S-factor, reaction rates. Comparison with recommended values. DWBA analysis. JOUR PRVCA 77 042801
	2008TA05	NUCLEAR REACTIONS ^{12}C(γ, π^0)^{12}C, E=120-819 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, $\sigma(\theta)$. JOUR PRLTA 100 132301
	2008TA06	NUCLEAR REACTIONS ^{7}Li, ^{12}C(π^+, K$^+$), E not given; measured Eγ, Iγ. ^{9}Be, ^{10}B, ^{13}C, ^{16}O(K$^-$, π^-), E not given; analyzed Eγ, Iγ. ^{7}Li, ^{9}Be, ^{10,11}B, ^{12,13}C, ^{15}N, ^{16}O deduced hypernuclei levels, J, π. Hyperball and Hyperball2 arrays. JOUR NUPAB 804 73
^{12}N	2008EI01	NUCLEAR REACTIONS ^{12}C(ν, ν'), E < 52.8 MeV; ^{12,13}C, ^{56}Fe(ν, e$^-$), E < 52.8 MeV; measured flux averaged cross sections, energy distribution of ν-induced single events; deduced neutrino oscillation upper limit. JOUR JPGPE 35 014055
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A=13

^{13}C	2008OH05	NUCLEAR REACTIONS ^{18}O(n, γ), E=10-80 keV; measured Eγ, Iγ, σ_γ. ^{19}O; deduced levels, J, π. Comparison with theory. ^{13}C, ^{17}O, ^{18}O; systematics. JOUR PRVCA 77 051303
	2008PA09	NUCLEAR REACTIONS ^{12}C(d, p), E=0.81-2.07 MeV; measured $\sigma(\theta)$. Comparison with other data. JOUR NIMBE 266 2263
	2008PE09	NUCLEAR REACTIONS ^{13}C(^{7}Li, t), (^{7}Li, ^{7}Li), E=28, 34 MeV; measured $\sigma(\theta)$. ^{17}O; deduced levels, J, α spectroscopic factors, asymptotic normalization factors. ^{12}C(^{7}Li, t), (^{7}Li, ^{7}Li), E=28 MeV; measured yields. ^{13}C(α, n); deduced astrophysical S-factor, reaction rates. Comparison with recommended values. DWBA analysis. JOUR PRVCA 77 042801
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	2008WA09	NUCLEAR REACTIONS ^{2}H(^{12}C, ^{13}N), E=72 MeV; measured excitation function. ^{1}H(^{13}N, ^{13}N), E=47.8 MeV; measured proton energy, $\sigma(\theta)$. ^{13}N, ^{14}O; deduced levels, J, π, resonance parameters. JOUR PRVCA 77 044304
^{13}O	2007TAZR	NUCLEAR REACTIONS ^{13}C(^{11}B, ^{11}Li)^{13}O E=70 MeV / nucleon; measured ^{13}O spectrum; ^{13}O; deduced ground state properties. CONF Kyoto(Spin Physics) Proc.P815,Takahisa

A=14

^{14}C	2008WA06	NUCLEAR REACTIONS ^{9}Be(n, γ), E= spectrum; ^{13}C(n, γ), E=spectrum; measured capture cross sections using a combination of activation technique and AMS. Comparisons with existing data. JOUR JPGPE 35 014018
^{14}N	2008JA03	NUCLEAR REACTIONS ^{1}H, ^{2}H(^{28}Si, X), E=200, 300 MeV / nucleon; measured σ, $\sigma(\theta)$. He, ^{12,14}N, ^{16}O, ^{18}F, ^{20}Ne, ^{22}Na, ^{24}Mg, ^{26}Al, ^{28}Si; measured momentum distributions, angular distributions; deduced single-event effects in microelectronics. JOUR PRVCA 77 044601
^{14}O	2008HAZZ	RADIOACTIVITY ^{10}C, ^{14}O, ^{22}Mg, ^{26m}Al, ^{34}Cl, ^{34}Ar, ^{38m}K, ^{42}Sc, ^{46}V, ^{50}Mn, ^{54}Co, ^{62}Ga, ^{74}Rb; analyzed superallowed β-decay data. ^{34}Ar(β^+), (EC) [from ^{1}H(^{35}Cl, 2n), E=35 MeV / nucleon]; measured Eγ, Iγ, Eβ, $\beta\gamma$ coin; deduced β^++EC branches for superallowed β decay. CONF Sinaia(Exotic Nuclei and Nucl.Part.Astorphysics(II)) Proc.P119,Ha
	2008WA09	NUCLEAR REACTIONS ^{2}H(^{12}C, ^{13}N), E=72 MeV; measured excitation function. ^{1}H(^{13}N, ^{13}N), E=47.8 MeV; measured proton energy, $\sigma(\theta)$. ^{13}N, ^{14}O; deduced levels, J, π, resonance parameters. JOUR PRVCA 77 044304

A=15

^{15}C	2008GA10	NUCLEAR REACTIONS ^{9}Be(^{36}Ar, X)^{19}F / ^{20}Ne / ^{21}Na / ^{22}Mg / ^{23}Al, E=130 MeV / nucleon; measured energy loss, intensities for reaction products. ^{9}Be(^{24}Si, X)^{23}Al / ^{23}Si, E=85.3 MeV / nucleon; measured single-particle cross sections, momentum distributions, spectroscopic factors. ^{9}Be(^{28}S, X)^{27}P, E=80.7 MeV / nucleon; measured Eγ, Iγ.^{9}Be(^{28}S, X)^{27}P / ^{27}S, E=80.7 MeV / nucleon; measured single particle cross sections, spectroscopic factors, momentum distributions. ^{7}Li, ^{8}B, ^{9,12,15}C, ^{16}O, ^{32,34,36}Ar, ^{24,30}Si, ^{26,28}S, ^{31}P, ^{40,48}Ca, ^{51}V, ^{90}Zr, ^{208}Pb; systematics of cross sections. JOUR PRVCA 77 044306
^{15}N	2008GU08	NUCLEAR REACTIONS ^{14}N(d, p), (d, α), E=0.7-2.2 keV; measured excitation functions. JOUR NIMBE 266 1206
	2008LA06	NUCLEAR REACTIONS ^{2}H(^{18}O, α^{15}N)n, E=54 MeV; measured charged particle spectra, angular and momentum distributions, cross sections; ^{18}O(p, α)^{15}N, E(cm)=0-1.5 MeV; deduced S-factor, reaction rate. Trojan Horse Method. JOUR JPGPE 35 014014
	2008MI11	NUCLEAR REACTIONS ^{14}N(n, γ), E=thermal; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{15}N deduced absolute Iγ by intensity balance of each level. JOUR JNSTA 45 481
	2008TA06	NUCLEAR REACTIONS ^{7}Li, ^{12}C(π^+, K$^+$), E not given; measured Eγ, Iγ. ^{9}Be, ^{10}B, ^{13}C, ^{16}O(K$^-$, π^-), E not given; analyzed Eγ, Iγ. ^{7}Li, ^{9}Be, ^{10,11}B, ^{12,13}C, ^{15}N, ^{16}O deduced hypernuclei levels, J, π. Hyperball and Hyperball2 arrays. JOUR NUPAB 804 73
	2008UK01	NUCLEAR REACTIONS ^{16}O(K$^-$, $\pi^-\gamma$), (K$^-$, π^-p), E=900 MeV / c; measured Eγ, Iγ, $\gamma\gamma$-coin, angular distributions, B(M1), missing mass spectra. ^{16}O, ^{15}N; deduced levels, J, π of hypernuclei. Comparison with shell model calculations. JOUR PRVCA 77 054315
^{15}O	2007STZS	NUCLEAR REACTIONS ^{1}H(^{15}O, p), E=1.2 MeV / nucleon; measured Ep, Ip, $\sigma(\theta)$. CONF Lisbon (PROCON 2007),Proc.P205,Stefan
	2008SC08	NUCLEAR REACTIONS ^{14}N(p, γ), E=318 keV; measured Eγ, Iγ, $\gamma\mp$coin, lifetimes using Doppler-shift attenuation method. ^{15}O; deduced levels, J, π, astrophysical S factors. ^{19}F(p, $\alpha\gamma$), E=318 keV; measured Eγ, Iγ. JOUR PRVCA 77 055803
	2008TR03	NUCLEAR REACTIONS ^{14}N(p, γ), E=360, 380, 400 keV; measured Eγ, Iγ, cross sections; deduced astrophysical S-factor. Comparisons with existing data. R-matrix analysis. JOUR JPGPE 35 014019

A=16

^{16}C	2008WI04	NUCLEAR REACTIONS ^{9}Be(^{9}Be, 2p), E=40 MeV; measured Eγ, Iγ, charged particles. ^{16}C; deduced levels, lifetimes, B(E2). JOUR PRLTA 100 152501
^{16}N	2007TA34	RADIOACTIVITY ^{16}N(β^-), ($\beta^-\alpha$); measured Eα, Iα, ^{12}Cα-coin. ^{12}C(α, γ); deduced astrophysical S-factor. JOUR PRLTA 99 052502
	2008LE08	NUCLEAR REACTIONS ^{9}Be, ^{12}C, ^{16}O(e, e'K$^+$), E=3.66 GeV; measured hypernuclei production excitation spectra, σ(E), missing mass spectra. ^{12}B, ^{16}N deduced hypernuclei levels, J, π. JOUR NUPAB 804 116

A=16 *(continued)*

^{16}O	2007CAZT	RADIOACTIVITY ^{18}Ne(p), (2p) [from ^{9}Be(^{20}Ne, X)^{18}Ne, E=45 MeV / nucleon]; measured Ep, Ip, p(θ). CONF Lisbon (PROCON 2007),Proc.P105,Cardella
	2007TA34	RADIOACTIVITY ^{16}N(β^-), ($\beta^-\alpha$); measured Eα, Iα, ^{12}Cα-coin. ^{12}C(α, γ); deduced astrophysical S-factor. JOUR PRLTA 99 052502
	2008GA10	NUCLEAR REACTIONS ^{9}Be(^{36}Ar, X)^{19}F / ^{20}Ne / ^{21}Na / ^{22}Mg / ^{23}Al, E=130 MeV / nucleon; measured energy loss, intensities for reaction products. ^{9}Be(^{24}Si, X)^{23}Al / ^{23}Si, E=85.3 MeV / nucleon; measured single-particle cross sections, momentum distributions, spectroscopic factors. ^{9}Be(^{28}S, X)^{27}P, E=80.7 MeV / nucleon; measured Eγ, Iγ.^{9}Be(^{28}S, X)^{27}P / ^{27}S, E=80.7 MeV / nucleon; measured single particle cross sections, spectroscopic factors, momentum distributions. ^{7}Li, ^{8}B, ^{9,12,15}C, ^{16}O, ^{32,34,36}Ar, ^{24,30}Si, ^{26,28}S, ^{31}P, ^{40,48}Ca, ^{51}V, ^{90}Zr, ^{208}Pb; systematics of cross sections. JOUR PRVCA 77 044306
	2008JA03	NUCLEAR REACTIONS ^{1}H, ^{2}H(^{28}Si, X), E=200, 300 MeV / nucleon; measured σ, $\sigma(\theta)$. He, ^{12,14}N, ^{16}O, ^{18}F, ^{20}Ne, ^{22}Na, ^{24}Mg, ^{26}Al, ^{28}Si; measured momentum distributions, angular distributions; deduced single-event effects in microelectronics. JOUR PRVCA 77 044601
	2008PE09	NUCLEAR REACTIONS ^{13}C(^{7}Li, t), (^{7}Li, ^{7}Li), E=28, 34 MeV; measured $\sigma(\theta)$. ^{17}O; deduced levels, J, α spectroscopic factors, asymptotic normalization factors. ^{12}C(^{7}Li, t), (^{7}Li, ^{7}Li), E=28 MeV; measured yields. ^{13}C(α, n); deduced astrophysical S-factor, reaction rates. Comparison with recommended values. DWBA analysis. JOUR PRVCA 77 042801
	2008SC08	NUCLEAR REACTIONS ^{14}N(p, γ), E=318 keV; measured Eγ, Iγ, $\gamma\mp$coin, lifetimes using Doppler-shift attenuation method. ^{15}O; deduced levels, J, π, astrophysical S factors. ^{19}F(p, $\alpha\gamma$), E=318 keV; measured Eγ, Iγ. JOUR PRVCA 77 055803
	2008SH12	NUCLEAR REACTIONS ^{186}W(^{18}O, ^{17}O), E=180 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{187}W; deduced levels, J, π, band structures and configurations. ^{16,17,18,19}O; measured ion energy losses. JOUR PRVCA 77 047303
	2008ST11	NUCLEAR REACTIONS ^{24}Mg(α, γ), E=1.0-1.5 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, branching ratios, resonance strengths. ^{28}Si; deduced levels, J, π, reaction rates. ^{13}C, ^{17}O, ^{21,22}Ne, ^{25}Mg(α, n); ^{16}O, ^{20}Ne(α, γ); ^{23}Na, ^{24}Mg, ^{27}Al(p, γ); ^{23}Na, ^{24}Mg, ^{27}Al, ^{28}Si(n, γ); ^{25}Al(γ, p); ^{27}Al(p, α); analyzed reaction rates. JOUR PRVCA 77 055801
	2008TA06	NUCLEAR REACTIONS ^{7}Li, ^{12}C(π^+, K$^+$), E not given; measured Eγ, Iγ. ^{9}Be, ^{10}B, ^{13}C, ^{16}O(K$^-$, π^-), E not given; analyzed Eγ, Iγ. ^{7}Li, ^{9}Be, ^{10,11}B, ^{12,13}C, ^{15}N, ^{16}O deduced hypernuclei levels, J, π. Hyperball and Hyperball2 arrays. JOUR NUPAB 804 73
	2008UK01	NUCLEAR REACTIONS ^{16}O(K$^-$, $\pi^-\gamma$), (K$^-$, π^-p), E=900 MeV / c; measured Eγ, Iγ, $\gamma\gamma$-coin, angular distributions, B(M1), missing mass spectra. ^{16}O, ^{15}N; deduced levels, J, π of hypernuclei. Comparison with shell model calculations. JOUR PRVCA 77 054315

A=17

^{17}C	2008WI05	NUCLEAR REACTIONS ^{9}Be(^{11}B, 2p), E=50 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (2p)γ-coin, lifetimes. ^{18}N; deduced levels, J, π, configurations. ^{17}C, ^{18}N, ^{19}O; systematics. Comparison with model calculations. JOUR PRVCA 77 054305
^{17}O	2008CR03	NUCLEAR REACTIONS ^{12}C(^{7}Li, d), E=34 MeV; measured deuteron spectra, angular distributions. ^{12}C(^{6}Li, p), E=32 MeV; measured proton spectra, angular distributions. ^{17}O; deduced levels, J, π, level widths, σ. DWBA analysis. JOUR PRVCA 77 044315
	2008OH05	NUCLEAR REACTIONS ^{18}O(n, γ), E=10-80 keV; measured Eγ, Iγ, σ_γ. ^{19}O; deduced levels, J, π. Comparison with theory. ^{13}C, ^{17}O, ^{18}O; systematics. JOUR PRVCA 77 051303
	2008PE09	NUCLEAR REACTIONS ^{13}C(^{7}Li, t), (^{7}Li, ^{7}Li), E=28, 34 MeV; measured $\sigma(\theta)$. ^{17}O; deduced levels, J, α spectroscopic factors, asymptotic normalization factors. ^{12}C(^{7}Li, t), (^{7}Li, ^{7}Li), E=28 MeV; measured yields. ^{13}C(α, n); deduced astrophysical S-factor, reaction rates. Comparison with recommended values. DWBA analysis. JOUR PRVCA 77 042801
	2008SH12	NUCLEAR REACTIONS ^{186}W(^{18}O, ^{17}O), E=180 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{187}W; deduced levels, J, π, band structures and configurations. ^{16,17,18,19}O; measured ion energy losses. JOUR PRVCA 77 047303
^{17}F	2007CAZT	RADIOACTIVITY ^{18}Ne(p), (2p) [from ^{9}Be(^{20}Ne, X)^{18}Ne, E=45 MeV / nucleon]; measured Ep, Ip, p(θ). CONF Lisbon (PROCON 2007),Proc.P105,Cardella
^{17}Ne	2007MUZT	RADIOACTIVITY ^{19}Mg(2p) [from ^{9}Be(^{24}Mg, xpyn)^{19}Mg, E=591 MeV / nucleon]; measured Ep, Ip, p-p coin. ^{19}Mg; deduced (2p) decay, $T_{1/2}$. CONF Lisbon (PROCON 2007),Proc.P93,Mukha

A=18

^{18}N	2008WI05	NUCLEAR REACTIONS ^{9}Be(^{11}B, 2p), E=50 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (2p)γ-coin, lifetimes. ^{18}N; deduced levels, J, π, configurations. ^{17}C, ^{18}N, ^{19}O; systematics. Comparison with model calculations. JOUR PRVCA 77 054305
^{18}O	2008OH05	NUCLEAR REACTIONS ^{18}O(n, γ), E=10-80 keV; measured Eγ, Iγ, σ_γ. ^{19}O; deduced levels, J, π. Comparison with theory. ^{13}C, ^{17}O, ^{18}O; systematics. JOUR PRVCA 77 051303
	2008SH12	NUCLEAR REACTIONS ^{186}W(^{18}O, ^{17}O), E=180 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{187}W; deduced levels, J, π, band structures and configurations. ^{16,17,18,19}O; measured ion energy losses. JOUR PRVCA 77 047303
^{18}F	2008JA03	NUCLEAR REACTIONS ^{1}H, ^{2}H(^{28}Si, X), E=200, 300 MeV / nucleon; measured σ, $\sigma(\theta)$. He, ^{12,14}N, ^{16}O, ^{18}F, ^{20}Ne, ^{22}Na, ^{24}Mg, ^{26}Al, ^{28}Si; measured momentum distributions, angular distributions; deduced single-event effects in microelectronics. JOUR PRVCA 77 044601
^{18}Ne	2007CAZT	RADIOACTIVITY ^{18}Ne(p), (2p) [from ^{9}Be(^{20}Ne, X)^{18}Ne, E=45 MeV / nucleon]; measured Ep, Ip, p(θ). CONF Lisbon (PROCON 2007),Proc.P105,Cardella

A=19

^{19}N	2008SO09	NUCLEAR REACTIONS ^{9}Be, ^{12}C(^{36}S, X), E=77.5 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{19,20,21,22}N; deduced levels, J, π. Comparison with shell-model calculations, based on WBT and WBTM interactions. JOUR PRVCA 77 044303
^{19}O	2008OH05	NUCLEAR REACTIONS ^{18}O(n, γ), E=10-80 keV; measured Eγ, Iγ, σ_γ. ^{19}O; deduced levels, J, π. Comparison with theory. ^{13}C, ^{17}O, ^{18}O; systematics. JOUR PRVCA 77 051303
	2008SH12	NUCLEAR REACTIONS ^{186}W(^{18}O, ^{17}O), E=180 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{187}W; deduced levels, J, π, band structures and configurations. ^{16,17,18,19}O; measured ion energy losses. JOUR PRVCA 77 047303
	2008WI05	NUCLEAR REACTIONS ^{9}Be(^{11}B, 2p), E=50 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (2p)γ-coin, lifetimes. ^{18}N; deduced levels, J, π, configurations. ^{17}C, ^{18}N, ^{19}O; systematics. Comparison with model calculations. JOUR PRVCA 77 054305
^{19}F	2008GA10	NUCLEAR REACTIONS ^{9}Be(^{36}Ar, X)^{19}F / ^{20}Ne / ^{21}Na / ^{22}Mg / ^{23}Al, E=130 MeV / nucleon; measured energy loss, intensities for reaction products. ^{9}Be(^{24}Si, X)^{23}Al / ^{23}Si, E=85.3 MeV / nucleon; measured single-particle cross sections, momentum distributions, spectroscopic factors. ^{9}Be(^{28}S, X)^{27}P, E=80.7 MeV / nucleon; measured Eγ, Iγ.^{9}Be(^{28}S, X)^{27}P / ^{27}S, E=80.7 MeV / nucleon; measured single particle cross sections, spectroscopic factors, momentum distributions. ^{7}Li, ^{8}B, ^{9,12,15}C, ^{16}O, ^{32,34,36}Ar, ^{24,30}Si, ^{26,28}S, ^{31}P, ^{40,48}Ca, ^{51}V, ^{90}Zr, ^{208}Pb; systematics of cross sections. JOUR PRVCA 77 044306
^{19}Ne	2007PEZV	NUCLEAR REACTIONS ^{1}H(^{18}Ne, ^{18}Ne'), E(cm)=2.6-3.4 MeV; measured recoil Ep, Ip. ^{19}Ne; deduced levels. CONF Lisbon (PROCON 2007),Proc.P181,Pellegriti
	2008MY01	NUCLEAR REACTIONS ^{3}He(^{20}Ne, α), E=34 MeV; measured Eγ, Iγ, $\gamma\alpha$-coin, α-spectra, lifetimes using Doppler Shift Attenuation Method; ^{19}Ne; deduced levels, J, π. ^{15}O(α, γ)^{19}Ne; deduced reactions rates. JOUR PRVCA 77 035803
^{19}Mg	2007MUZT	RADIOACTIVITY ^{19}Mg(2p) [from ^{9}Be(^{24}Mg, xpyn)^{19}Mg, E=591 MeV / nucleon]; measured Ep, Ip, p-p coin. ^{19}Mg; deduced (2p) decay, $T_{1/2}$. CONF Lisbon (PROCON 2007),Proc.P93,Mukha

A=20

^{20}N	2008SO09	NUCLEAR REACTIONS ^{9}Be, ^{12}C(^{36}S, X), E=77.5 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{19,20,21,22}N; deduced levels, J, π. Comparison with shell-model calculations, based on WBT and WBTM interactions. JOUR PRVCA 77 044303
^{20}F	2007NAZT	RADIOACTIVITY ^{20}F(β^-) [from ^{19}F(d(pol), p)^{20}F]; measured Iβ(θ, H, t) from polarized source; deduced alignment term. CONF Kyoto(Spin Physics) Proc.P226,Nagatomo
^{20}Ne	2007NAZT	RADIOACTIVITY ^{20}F(β^-) [from ^{19}F(d(pol), p)^{20}F]; measured Iβ(θ, H, t) from polarized source; deduced alignment term. CONF Kyoto(Spin Physics) Proc.P226,Nagatomo

A=20 *(continued)*

	2007NAZT	RADIOACTIVITY ^{20}Na(β^+); measured I$\beta(\theta$, H, t) from polarized source; deduced alignment term. CONF Kyoto(Spin Physics) Proc.P226,Nagatomo
	2008GA10	NUCLEAR REACTIONS ^{9}Be(^{36}Ar, X)^{19}F / ^{20}Ne / ^{21}Na / ^{22}Mg / ^{23}Al, E=130 MeV / nucleon; measured energy loss, intensities for reaction products. ^{9}Be(^{24}Si, X)^{23}Al / ^{23}Si, E=85.3 MeV / nucleon; measured single-particle cross sections, momentum distributions, spectroscopic factors. ^{9}Be(^{28}S, X)^{27}P, E=80.7 MeV / nucleon; measured Eγ, Iγ.^{9}Be(^{28}S, X)^{27}P / ^{27}S, E=80.7 MeV / nucleon; measured single particle cross sections, spectroscopic factors, momentum distributions. ^{7}Li, ^{8}B, ^{9,12,15}C, ^{16}O, ^{32,34,36}Ar, ^{24,30}Si, ^{26,28}S, ^{31}P, ^{40,48}Ca, ^{51}V, ^{90}Zr, ^{208}Pb; systematics of cross sections. JOUR PRVCA 77 044306
	2008JA03	NUCLEAR REACTIONS ^{1}H, ^{2}H(^{28}Si, X), E=200, 300 MeV / nucleon; measured σ, $\sigma(\theta)$. He, ^{12,14}N, ^{16}O, ^{18}F, ^{20}Ne, ^{22}Na, ^{24}Mg, ^{26}Al, ^{28}Si; measured momentum distributions, angular distributions; deduced single-event effects in microelectronics. JOUR PRVCA 77 044601
	2008ST11	NUCLEAR REACTIONS ^{24}Mg(α, γ), E=1.0-1.5 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, branching ratios, resonance strengths. ^{28}Si; deduced levels, J, π, reaction rates. ^{13}C, ^{17}O, ^{21,22}Ne, ^{25}Mg(α, n); ^{16}O, ^{20}Ne(α, γ); ^{23}Na, ^{24}Mg, ^{27}Al(p, γ); ^{23}Na, ^{24}Mg, ^{27}Al, ^{28}Si(n, γ); ^{25}Al(γ, p); ^{27}Al(p, α); analyzed reaction rates. JOUR PRVCA 77 055801
^{20}Na	2007NAZT	RADIOACTIVITY ^{20}Na(β^+); measured I$\beta(\theta$, H, t) from polarized source; deduced alignment term. CONF Kyoto(Spin Physics) Proc.P226,Nagatomo

A=21

^{21}N	2008LO06	RADIOACTIVITY ^{21}N(β^-) [from ^{9}Be(^{26}Mg, X), E=68.8 MeV / nucleon]; measured $T_{1/2}$, Eβ, Iβ, Eγ, Iγ, En, In, $\beta\gamma$-, (n)β-coin. JOUR CPLEE 25 1992
	2008SO09	NUCLEAR REACTIONS ^{9}Be, ^{12}C(^{36}S, X), E=77.5 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{19,20,21,22}N; deduced levels, J, π. Comparison with shell-model calculations, based on WBT and WBTM interactions. JOUR PRVCA 77 044303
^{21}O	2008LO06	RADIOACTIVITY ^{21}N(β^-) [from ^{9}Be(^{26}Mg, X), E=68.8 MeV / nucleon]; measured $T_{1/2}$, Eβ, Iβ, Eγ, Iγ, En, In, $\beta\gamma$-, (n)β-coin. JOUR CPLEE 25 1992
^{21}Ne	2008VE03	RADIOACTIVITY ^{21}Na(β^+); measured β-ν correlation coefficient, time-of-flight, internal conversion. Comparisons with standard model. JOUR PRVCA 77 035502

A=21 *(continued)*

^{21}Na	2008GA10	NUCLEAR REACTIONS ^{9}Be(^{36}Ar, X)^{19}F / ^{20}Ne / ^{21}Na / ^{22}Mg / ^{23}Al, E=130 MeV / nucleon; measured energy loss, intensities for reaction products. ^{9}Be(^{24}Si, X)^{23}Al / ^{23}Si, E=85.3 MeV / nucleon; measured single-particle cross sections, momentum distributions, spectroscopic factors. ^{9}Be(^{28}S, X)^{27}P, E=80.7 MeV / nucleon; measured Eγ, Iγ.^{9}Be(^{28}S, X)^{27}P / ^{27}S, E=80.7 MeV / nucleon; measured single particle cross sections, spectroscopic factors, momentum distributions. ^{7}Li, ^{8}B, ^{9,12,15}C, ^{16}O, ^{32,34,36}Ar, ^{24,30}Si, ^{26,28}S, ^{31}P, ^{40,48}Ca, ^{51}V, ^{90}Zr, ^{208}Pb; systematics of cross sections. JOUR PRVCA 77 044306
	2008VE03	RADIOACTIVITY ^{21}Na(β^+); measured β-ν correlation coefficient, time-of-flight, internal conversion. Comparisons with standard model. JOUR PRVCA 77 035502

A=22

^{22}N	2008SO09	NUCLEAR REACTIONS ^{9}Be, ^{12}C(^{36}S, X), E=77.5 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{19,20,21,22}N; deduced levels, J, π. Comparison with shell-model calculations, based on WBT and WBTM interactions. JOUR PRVCA 77 044303
^{22}Ne	2008RU01	RADIOACTIVITY ^{22}Na(β^+) [from ^{27}Al(p, X), E=70 MeV]; measured Eγ, Iγ, $T_{1/2}$ as function of temperature. Deduced influence of electron screening on $T_{1/2}$. JOUR JPGPE 35 014017
	2008UG01	NUCLEAR REACTIONS ^{19}F(α, p), E=792-1993 keV; measured yield curves, σ, $\sigma(\theta)$, reaction rate at stellar temperatures; calculated low energy S-factor. R-matrix analysis. JOUR PRVCA 77 035801
^{22}Na	2008JA03	NUCLEAR REACTIONS ^{1}H, ^{2}H(^{28}Si, X), E=200, 300 MeV / nucleon; measured σ, $\sigma(\theta)$. He, ^{12,14}N, ^{16}O, ^{18}F, ^{20}Ne, ^{22}Na, ^{24}Mg, ^{26}Al, ^{28}Si; measured momentum distributions, angular distributions; deduced single-event effects in microelectronics. JOUR PRVCA 77 044601
	2008RU01	RADIOACTIVITY ^{22}Na(β^+) [from ^{27}Al(p, X), E=70 MeV]; measured Eγ, Iγ, $T_{1/2}$ as function of temperature. Deduced influence of electron screening on $T_{1/2}$. JOUR JPGPE 35 014017
^{22}Mg	2007YOZW	NUCLEAR REACTIONS ^{208}Pb(^{23}Al, p^{22}Mg)^{208}Pb, E=50 MeV / nucleon; Pb(^{27}P, p^{26}Si)Pb, E=57 MeV / nucleon; measured Ep, Ip, p(θ), charged products, $\sigma(\theta)$. ^{22}Mg; deduced levels. ^{26}Si; deduced levels. CONF Lisbon (PROCON 2007),Proc.P246,Yoneda
	2008GA10	NUCLEAR REACTIONS ^{9}Be(^{36}Ar, X)^{19}F / ^{20}Ne / ^{21}Na / ^{22}Mg / ^{23}Al, E=130 MeV / nucleon; measured energy loss, intensities for reaction products. ^{9}Be(^{24}Si, X)^{23}Al / ^{23}Si, E=85.3 MeV / nucleon; measured single-particle cross sections, momentum distributions, spectroscopic factors. ^{9}Be(^{28}S, X)^{27}P, E=80.7 MeV / nucleon; measured Eγ, Iγ.^{9}Be(^{28}S, X)^{27}P / ^{27}S, E=80.7 MeV / nucleon; measured single particle cross sections, spectroscopic factors, momentum distributions. ^{7}Li, ^{8}B, ^{9,12,15}C, ^{16}O, ^{32,34,36}Ar, ^{24,30}Si, ^{26,28}S, ^{31}P, ^{40,48}Ca, ^{51}V, ^{90}Zr, ^{208}Pb; systematics of cross sections. JOUR PRVCA 77 044306

A=22 *(continued)*

	2008HAZZ	RADIOACTIVITY ^{10}C, ^{14}O, ^{22}Mg, ^{26m}Al, ^{34}Cl, ^{34}Ar, ^{38m}K, ^{42}Sc, ^{46}V, ^{50}Mn, ^{54}Co, ^{62}Ga, ^{74}Rb; analyzed superallowed β-decay data. ^{34}Ar(β^+), (EC) [from ^{1}H(^{35}Cl, 2n), E=35 MeV / nucleon]; measured Eγ, Iγ, Eβ, $\beta\gamma$ coin; deduced β^++EC branches for superallowed β decay. CONF Sinaia(Exotic Nuclei and Nucl.Part.Astorphysics(II)) Proc.P119,Ha
	2008HE04	NUCLEAR REACTIONS ^{1}H(^{21}Na, ^{21}Na), E=4 MeV / nucleon; measured σ(E). ^{22}Mg deduced levels, J, π. JOUR ZAANE 36 1

A=23

^{23}O	2008EL02	NUCLEAR REACTIONS ^{1}H(^{28}Ne, ^{27}Ne), E≈51.3 MeV / nucleon; ^{22}O(d, p)^{23}O, E=34 MeV / nucleon; measured Eγ, Iγ, cross sections. ^{27}Ne, ^{23}O; deduced levels, J, π, Spectroscopic factors. Compared results to model calculations. JOUR JPGPE 35 014038
^{23}Ne	2007MAZG	RADIOACTIVITY ^{23}Ne(β^-) [from Be(^{22}Ne, X), Be(^{26}Mg, X)]; measured β-spectra; ^{23}Ne; deduced magnetic moment. Polarized target, magnetic resonance method. CONF Kyoto(Spin Physics) Proc.P837,Matsuta
	2008EL04	NUCLEAR REACTIONS ^{26}Mg(n, α), E=13.6-14.86 MeV; measured σ using the activation technique. Statistical model analyses. JOUR ANEND 35 1068
^{23}Na	2007MAZG	RADIOACTIVITY ^{23}Ne(β^-) [from Be(^{22}Ne, X), Be(^{26}Mg, X)]; measured β-spectra; ^{23}Ne; deduced magnetic moment. Polarized target, magnetic resonance method. CONF Kyoto(Spin Physics) Proc.P837,Matsuta
^{23}Al	2008GA10	NUCLEAR REACTIONS ^{9}Be(^{36}Ar, X)^{19}F / ^{20}Ne / ^{21}Na / ^{22}Mg / ^{23}Al, E=130 MeV / nucleon; measured energy loss, intensities for reaction products. ^{9}Be(^{24}Si, X)^{23}Al / ^{23}Si, E=85.3 MeV / nucleon; measured single-particle cross sections, momentum distributions, spectroscopic factors. ^{9}Be(^{28}S, X)^{27}P, E=80.7 MeV / nucleon; measured Eγ, Iγ.^{9}Be(^{28}S, X)^{27}P / ^{27}S, E=80.7 MeV / nucleon; measured single particle cross sections, spectroscopic factors, momentum distributions. ^{7}Li, ^{8}B, ^{9,12,15}C, ^{16}O, ^{32,34,36}Ar, ^{24,30}Si, ^{26,28}S, ^{31}P, ^{40,48}Ca, ^{51}V, ^{90}Zr, ^{208}Pb; systematics of cross sections. JOUR PRVCA 77 044306
^{23}Si	2008GA10	NUCLEAR REACTIONS ^{9}Be(^{36}Ar, X)^{19}F / ^{20}Ne / ^{21}Na / ^{22}Mg / ^{23}Al, E=130 MeV / nucleon; measured energy loss, intensities for reaction products. ^{9}Be(^{24}Si, X)^{23}Al / ^{23}Si, E=85.3 MeV / nucleon; measured single-particle cross sections, momentum distributions, spectroscopic factors. ^{9}Be(^{28}S, X)^{27}P, E=80.7 MeV / nucleon; measured Eγ, Iγ.^{9}Be(^{28}S, X)^{27}P / ^{27}S, E=80.7 MeV / nucleon; measured single particle cross sections, spectroscopic factors, momentum distributions. ^{7}Li, ^{8}B, ^{9,12,15}C, ^{16}O, ^{32,34,36}Ar, ^{24,30}Si, ^{26,28}S, ^{31}P, ^{40,48}Ca, ^{51}V, ^{90}Zr, ^{208}Pb; systematics of cross sections. JOUR PRVCA 77 044306

A=24

^{24}Na	2008ST11	NUCLEAR REACTIONS ^{24}Mg(α, γ), E=1.0-1.5 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, branching ratios, resonance strengths. ^{28}Si; deduced levels, J, π, reaction rates. ^{13}C, ^{17}O, ^{21,22}Ne, ^{25}Mg(α, n); ^{16}O, ^{20}Ne(α, γ); ^{23}Na, ^{24}Mg, ^{27}Al(p, γ); ^{23}Na, ^{24}Mg, ^{27}Al, ^{28}Si(n, γ); ^{25}Al(γ, p); ^{27}Al(p, α); analyzed reaction rates. JOUR PRVCA 77 055801
	2008VO04	NUCLEAR REACTIONS ^{180,182}Hf(n, γ), E=thermal; measured Eγ, Iγ, σ, reaction rates. ^{94,96}Zr(n, γ), E=thermal; measured reaction rates. ^{23}Na, ^{37}Cl, ^{55}Mn, ^{115}In, ^{179}Hf, ^{182}Ta(n, γ), E=thermal; measured Eγ. JOUR PRVCA 77 044608
^{24}Mg	2008JA03	NUCLEAR REACTIONS ^{1}H, ^{2}H(^{28}Si, X), E=200, 300 MeV / nucleon; measured σ, $\sigma(\theta)$. He, ^{12,14}N, ^{16}O, ^{18}F, ^{20}Ne, ^{22}Na, ^{24}Mg, ^{26}Al, ^{28}Si; measured momentum distributions, angular distributions; deduced single-event effects in microelectronics. JOUR PRVCA 77 044601
	2008ST11	NUCLEAR REACTIONS ^{24}Mg(α, γ), E=1.0-1.5 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, branching ratios, resonance strengths. ^{28}Si; deduced levels, J, π, reaction rates. ^{13}C, ^{17}O, ^{21,22}Ne, ^{25}Mg(α, n); ^{16}O, ^{20}Ne(α, γ); ^{23}Na, ^{24}Mg, ^{27}Al(p, γ); ^{23}Na, ^{24}Mg, ^{27}Al, ^{28}Si(n, γ); ^{25}Al(γ, p); ^{27}Al(p, α); analyzed reaction rates. JOUR PRVCA 77 055801
^{24}Al	2008LO04	NUCLEAR REACTIONS ^{10}B(^{16}O, 2nγ), E=60 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{24}Al; deduced levels, J, π, polarization coefficients. ^{23}Mg(p, γ); deduced effect of results on stellar reaction rate. Fragment mass analyzer and Gammasphere array. JOUR PRVCA 77 042802
^{24}Si	2008GA10	NUCLEAR REACTIONS ^{9}Be(^{36}Ar, X)^{19}F / ^{20}Ne / ^{21}Na / ^{22}Mg / ^{23}Al, E=130 MeV / nucleon; measured energy loss, intensities for reaction products. ^{9}Be(^{24}Si, X)^{23}Al / ^{23}Si, E=85.3 MeV / nucleon; measured single-particle cross sections, momentum distributions, spectroscopic factors. ^{9}Be(^{28}S, X)^{27}P, E=80.7 MeV / nucleon; measured Eγ, Iγ.^{9}Be(^{28}S, X)^{27}P / ^{27}S, E=80.7 MeV / nucleon; measured single particle cross sections, spectroscopic factors, momentum distributions. ^{7}Li, ^{8}B, ^{9,12,15}C, ^{16}O, ^{32,34,36}Ar, ^{24,30}Si, ^{26,28}S, ^{31}P, ^{40,48}Ca, ^{51}V, ^{90}Zr, ^{208}Pb; systematics of cross sections. JOUR PRVCA 77 044306

A=25

^{25}O	2008HO03	NUCLEAR REACTIONS Be(^{26}F, ^{25}O), E=85 MeV / nucleon; measured fragment, neutron energies and yields. ^{25}O; deduced decay width. JOUR PRLTA 100 152502
^{25}Mg	2008KO05	NUCLEAR MOMENTS ^{25,27,29,31}Mg [from ^{238}U(p, X), E=1.4 GeV]; measured J, π of ground states, magnetic moments, hyperfine structure using laser and β-NMR spectroscopy. Compared with shell-model calculations. JOUR PRVCA 77 034307
	2008PE12	NUCLEAR REACTIONS ^{27}Al(d, p), (d, α), ^{28,29}Si(d, p), E=1-2 MeV; measured $\sigma(\theta$, E). Comparison with other data. JOUR NIMBE 266 2268

A=25 *(continued)*

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

A=26

^{26}Na	2008HI05	NUCLEAR REACTIONS ^{18}O(^{14}C, np), E=22 MeV; measured Eγ, Iγ, (particle)γ-coin, $\gamma(\theta)$. ^{30}Al; deduced levels, J, π, comparison with shell-model calculations. ^{26}Na, ^{28,32}Al, ^{30,32,34}P; systematics. JOUR PRVCA 77 034305
^{26}Mg	2007TAZS	NUCLEAR REACTIONS ^{26}Mg(p, p') E=295 MeV; measured Ep, Ip; ^{26}Mg; deduced M1, E1 excitations. Cyclotron, Large Acceptance Spectrometer. CONF Kyoto(Spin Physics) Proc.P811,Tamii
	2008TR04	RADIOACTIVITY ^{32}Na(β^-) [from ^{9}Be(^{48}Ca, X), E=140 MeV / nucleon]; measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives; deduced Iβ, B(GT), logft. ^{32}Mg; deduced levels, Jπ. ^{26,28,30,34,36}Mg, ^{28,30,32,34,36,38}Si; systematics. Comparison with shell-model calculations. JOUR PRVCA 77 034310
^{26}Al	2008FO04	NUCLEAR REACTIONS ^{25}Mg(p, γ), E not given;measured Eγ, Iγ; deduced resonance strengths. JOUR JPGPE 35 014013
	2008HAZZ	RADIOACTIVITY ^{10}C, ^{14}O, ^{22}Mg, ^{26m}Al, ^{34}Cl, ^{34}Ar, ^{38m}K, ^{42}Sc, ^{46}V, ^{50}Mn, ^{54}Co, ^{62}Ga, ^{74}Rb; analyzed superallowed β-decay data. ^{34}Ar(β^+), (EC) [from ^{1}H(^{35}Cl, 2n), E=35 MeV / nucleon]; measured Eγ, Iγ, Eβ, $\beta\gamma$ coin; deduced β^++EC branches for superallowed β decay. CONF Sinaia(Exotic Nuclei and Nucl.Part.Astorphysics(II)) Proc.P119,Ha
	2008JA03	NUCLEAR REACTIONS ^{1}H, ^{2}H(^{28}Si, X), E=200, 300 MeV / nucleon; measured σ, $\sigma(\theta)$. He, ^{12,14}N, ^{16}O, ^{18}F, ^{20}Ne, ^{22}Na, ^{24}Mg, ^{26}Al, ^{28}Si; measured momentum distributions, angular distributions; deduced single-event effects in microelectronics. JOUR PRVCA 77 044601

A=26 *(continued)*

^{26}Si	2007YOZW	NUCLEAR REACTIONS ^{208}Pb(^{23}Al, p^{22}Mg)^{208}Pb, E=50 MeV / nucleon; Pb(^{27}P, p^{26}Si)Pb, E=57 MeV / nucleon; measured Ep, Ip, p(θ), charged products, $\sigma(\theta)$. ^{22}Mg; deduced levels. ^{26}Si; deduced levels. CONF Lisbon (PROCON 2007),Proc.P246,Yoneda
^{26}S	2008GA10	NUCLEAR REACTIONS ^{9}Be(^{36}Ar, X)^{19}F / ^{20}Ne / ^{21}Na / ^{22}Mg / ^{23}Al, E=130 MeV / nucleon; measured energy loss, intensities for reaction products. ^{9}Be(^{24}Si, X)^{23}Al / ^{23}Si, E=85.3 MeV / nucleon; measured single-particle cross sections, momentum distributions, spectroscopic factors. ^{9}Be(^{28}S, X)^{27}P, E=80.7 MeV / nucleon; measured Eγ, Iγ.^{9}Be(^{28}S, X)^{27}P / ^{27}S, E=80.7 MeV / nucleon; measured single particle cross sections, spectroscopic factors, momentum distributions. ^{7}Li, ^{8}B, ^{9,12,15}C, ^{16}O, ^{32,34,36}Ar, ^{24,30}Si, ^{26,28}S, ^{31}P, ^{40,48}Ca, ^{51}V, ^{90}Zr, ^{208}Pb; systematics of cross sections. JOUR PRVCA 77 044306

A=27

^{27}Ne	2008EL02	NUCLEAR REACTIONS ^{1}H(^{28}Ne, ^{27}Ne), E≈51.3 MeV / nucleon; ^{22}O(d, p)^{23}O, E=34 MeV / nucleon; measured Eγ, Iγ, cross sections. ^{27}Ne, ^{23}O; deduced levels, J, π, Spectroscopic factors. Compared results to model calculations. JOUR JPGPE 35 014038
^{27}Mg	2008KO05	NUCLEAR MOMENTS ^{25,27,29,31}Mg [from ^{238}U(p, X), E=1.4 GeV]; measured J, π of ground states, magnetic moments, hyperfine structure using laser and β-NMR spectroscopy. Compared with shell-model calculations. JOUR PRVCA 77 034307
^{27}P	2008GA10	NUCLEAR REACTIONS ^{9}Be(^{36}Ar, X)^{19}F / ^{20}Ne / ^{21}Na / ^{22}Mg / ^{23}Al, E=130 MeV / nucleon; measured energy loss, intensities for reaction products. ^{9}Be(^{24}Si, X)^{23}Al / ^{23}Si, E=85.3 MeV / nucleon; measured single-particle cross sections, momentum distributions, spectroscopic factors. ^{9}Be(^{28}S, X)^{27}P, E=80.7 MeV / nucleon; measured Eγ, Iγ.^{9}Be(^{28}S, X)^{27}P / ^{27}S, E=80.7 MeV / nucleon; measured single particle cross sections, spectroscopic factors, momentum distributions. ^{7}Li, ^{8}B, ^{9,12,15}C, ^{16}O, ^{32,34,36}Ar, ^{24,30}Si, ^{26,28}S, ^{31}P, ^{40,48}Ca, ^{51}V, ^{90}Zr, ^{208}Pb; systematics of cross sections. JOUR PRVCA 77 044306

A=28

^{28}Mg	2008TR04	RADIOACTIVITY ^{32}Na(β^-) [from ^{9}Be(^{48}Ca, X), E=140 MeV / nucleon]; measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives; deduced Iβ, B(GT), logft. ^{32}Mg; deduced levels, Jπ. ^{26,28,30,34,36}Mg, ^{28,30,32,34,36,38}Si; systematics. Comparison with shell-model calculations. JOUR PRVCA 77 034310
^{28}Al	2008HA14	NUCLEAR REACTIONS ^{1}H, ^{12}C, ^{28}Si(e, e'K$^+$), E=1.8 GeV; measured hypernuclei missing mass spectra using the Tilt method. JOUR NUPAB 804 125

A=28 *(continued)*

	2008HI05	NUCLEAR REACTIONS ^{18}O(^{14}C, np), E=22 MeV; measured Eγ, Iγ, (particle)γ-coin, $\gamma(\theta)$. ^{30}Al; deduced levels, J, π, comparison with shell-model calculations. ^{26}Na, ^{28,32}Al, ^{30,32,34}P; systematics. JOUR PRVCA 77 034305
	2008PE12	NUCLEAR REACTIONS ^{27}Al(d, p), (d, α), ^{28,29}Si(d, p), E=1-2 MeV; measured $\sigma(\theta$, E). Comparison with other data. JOUR NIMBE 266 2268
	2008ST11	NUCLEAR REACTIONS ^{24}Mg(α, γ), E=1.0-1.5 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, branching ratios, resonance strengths. ^{28}Si; deduced levels, J, π, reaction rates. ^{13}C, ^{17}O, ^{21,22}Ne, ^{25}Mg(α, n); ^{16}O, ^{20}Ne(α, γ); ^{23}Na, ^{24}Mg, ^{27}Al(p, γ); ^{23}Na, ^{24}Mg, ^{27}Al, ^{28}Si(n, γ); ^{25}Al(γ, p); ^{27}Al(p, α); analyzed reaction rates. JOUR PRVCA 77 055801
^{28}Si	2008JA03	NUCLEAR REACTIONS ^{1}H, ^{2}H(^{28}Si, X), E=200, 300 MeV / nucleon; measured σ, $\sigma(\theta)$. He, ^{12,14}N, ^{16}O, ^{18}F, ^{20}Ne, ^{22}Na, ^{24}Mg, ^{26}Al, ^{28}Si; measured momentum distributions, angular distributions; deduced single-event effects in microelectronics. JOUR PRVCA 77 044601
	2008ST11	NUCLEAR REACTIONS ^{24}Mg(α, γ), E=1.0-1.5 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, branching ratios, resonance strengths. ^{28}Si; deduced levels, J, π, reaction rates. ^{13}C, ^{17}O, ^{21,22}Ne, ^{25}Mg(α, n); ^{16}O, ^{20}Ne(α, γ); ^{23}Na, ^{24}Mg, ^{27}Al(p, γ); ^{23}Na, ^{24}Mg, ^{27}Al, ^{28}Si(n, γ); ^{25}Al(γ, p); ^{27}Al(p, α); analyzed reaction rates. JOUR PRVCA 77 055801
	2008TR04	RADIOACTIVITY ^{32}Na(β^-) [from ^{9}Be(^{48}Ca, X), E=140 MeV / nucleon]; measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives; deduced Iβ, B(GT), logft. ^{32}Mg; deduced levels, Jπ. ^{26,28,30,34,36}Mg, ^{28,30,32,34,36,38}Si; systematics. Comparison with shell-model calculations. JOUR PRVCA 77 034310
^{28}S	2008GA10	NUCLEAR REACTIONS ^{9}Be(^{36}Ar, X)^{19}F / ^{20}Ne / ^{21}Na / ^{22}Mg / ^{23}Al, E=130 MeV / nucleon; measured energy loss, intensities for reaction products. ^{9}Be(^{24}Si, X)^{23}Al / ^{23}Si, E=85.3 MeV / nucleon; measured single-particle cross sections, momentum distributions, spectroscopic factors. ^{9}Be(^{28}S, X)^{27}P, E=80.7 MeV / nucleon; measured Eγ, Iγ.^{9}Be(^{28}S, X)^{27}P / ^{27}S, E=80.7 MeV / nucleon; measured single particle cross sections, spectroscopic factors, momentum distributions. ^{7}Li, ^{8}B, ^{9,12,15}C, ^{16}O, ^{32,34,36}Ar, ^{24,30}Si, ^{26,28}S, ^{31}P, ^{40,48}Ca, ^{51}V, ^{90}Zr, ^{208}Pb; systematics of cross sections. JOUR PRVCA 77 044306

A=29

^{29}Mg	2008KO05	NUCLEAR MOMENTS ^{25,27,29,31}Mg [from ^{238}U(p, X), E=1.4 GeV]; measured J, π of ground states, magnetic moments, hyperfine structure using laser and β-NMR spectroscopy. Compared with shell-model calculations. JOUR PRVCA 77 034307
^{29}Al	2008HI05	RADIOACTIVITY ^{30}Mg(β^-), (β^-n), (2β^-) [from ^{9}Be(^{48}Ca, X), E=140 MeV / nucleon]; measured Eγ, Iγ, $\beta\gamma$-coin, $\beta\gamma\gamma$-coin, half-lives. ^{30}Al; deduced levels, J, π. JOUR PRVCA 77 034305

A=29 *(continued)*

^{29}Si	2008PE12	NUCLEAR REACTIONS ^{27}Al(d, p), (d, α), ^{28,29}Si(d, p), E=1-2 MeV; measured $\sigma(\theta$, E). Comparison with other data. JOUR NIMBE 266 2268
	2008ST11	NUCLEAR REACTIONS ^{24}Mg(α, γ), E=1.0-1.5 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, branching ratios, resonance strengths. ^{28}Si; deduced levels, J, π, reaction rates. ^{13}C, ^{17}O, ^{21,22}Ne, ^{25}Mg(α, n); ^{16}O, ^{20}Ne(α, γ); ^{23}Na, ^{24}Mg, ^{27}Al(p, γ); ^{23}Na, ^{24}Mg, ^{27}Al, ^{28}Si(n, γ); ^{25}Al(γ, p); ^{27}Al(p, α); analyzed reaction rates. JOUR PRVCA 77 055801
^{29}S	2007LIZQ	NUCLEAR REACTIONS ^{12}C(^{29}S, X)^{29}S, E=46.8 MeV / nucleon; measured Ep, Ip, pp-coin. ^{29}S; deduced σ(1p), σ(2p). CONF Lisbon (PROCON 2007),Proc.P117,Lin

A=30

^{30}Na	2008TR04	NUCLEAR REACTIONS ^{9}Be(^{48}Ca, X)^{30}Na / ^{31}Na / ^{32}Na / ^{33}Mg, E=140 MeV / nucleon; measured yields. JOUR PRVCA 77 034310
^{30}Mg	2008HI05	RADIOACTIVITY ^{30}Mg(β^-), (β^-n), (2β^-) [from ^{9}Be(^{48}Ca, X), E=140 MeV / nucleon]; measured Eγ, Iγ, $\beta\gamma$-coin, $\beta\gamma\gamma$-coin, half-lives. ^{30}Al; deduced levels, J, π. JOUR PRVCA 77 034305
	2008TR04	RADIOACTIVITY ^{32}Na(β^-) [from ^{9}Be(^{48}Ca, X), E=140 MeV / nucleon]; measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives; deduced Iβ, B(GT), logft. ^{32}Mg; deduced levels, Jπ. ^{26,28,30,34,36}Mg, ^{28,30,32,34,36,38}Si; systematics. Comparison with shell-model calculations. JOUR PRVCA 77 034310
^{30}Al	2008HI05	RADIOACTIVITY ^{30}Mg(β^-), (β^-n), (2β^-) [from ^{9}Be(^{48}Ca, X), E=140 MeV / nucleon]; measured Eγ, Iγ, $\beta\gamma$-coin, $\beta\gamma\gamma$-coin, half-lives. ^{30}Al; deduced levels, J, π. JOUR PRVCA 77 034305
	2008HI05	NUCLEAR REACTIONS ^{18}O(^{14}C, np), E=22 MeV; measured Eγ, Iγ, (particle)γ-coin, $\gamma(\theta)$. ^{30}Al; deduced levels, J, π, comparison with shell-model calculations. ^{26}Na, ^{28,32}Al, ^{30,32,34}P; systematics. JOUR PRVCA 77 034305
^{30}Si	2008GA10	NUCLEAR REACTIONS ^{9}Be(^{36}Ar, X)^{19}F / ^{20}Ne / ^{21}Na / ^{22}Mg / ^{23}Al, E=130 MeV / nucleon; measured energy loss, intensities for reaction products. ^{9}Be(^{24}Si, X)^{23}Al / ^{23}Si, E=85.3 MeV / nucleon; measured single-particle cross sections, momentum distributions, spectroscopic factors. ^{9}Be(^{28}S, X)^{27}P, E=80.7 MeV / nucleon; measured Eγ, Iγ.^{9}Be(^{28}S, X)^{27}P / ^{27}S, E=80.7 MeV / nucleon; measured single particle cross sections, spectroscopic factors, momentum distributions. ^{7}Li, ^{8}B, ^{9,12,15}C, ^{16}O, ^{32,34,36}Ar, ^{24,30}Si, ^{26,28}S, ^{31}P, ^{40,48}Ca, ^{51}V, ^{90}Zr, ^{208}Pb; systematics of cross sections. JOUR PRVCA 77 044306
	2008HI05	RADIOACTIVITY ^{30}Mg(β^-), (β^-n), (2β^-) [from ^{9}Be(^{48}Ca, X), E=140 MeV / nucleon]; measured Eγ, Iγ, $\beta\gamma$-coin, $\beta\gamma\gamma$-coin, half-lives. ^{30}Al; deduced levels, J, π. JOUR PRVCA 77 034305
	2008PE12	NUCLEAR REACTIONS ^{27}Al(d, p), (d, α), ^{28,29}Si(d, p), E=1-2 MeV; measured $\sigma(\theta$, E). Comparison with other data. JOUR NIMBE 266 2268

A=30 *(continued)*

	2008TR04	RADIOACTIVITY ^{32}Na(β^-) [from ^{9}Be(^{48}Ca, X), E=140 MeV / nucleon]; measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives; deduced Iβ, B(GT), logft. ^{32}Mg; deduced levels, Jπ. ^{26,28,30,34,36}Mg, ^{28,30,32,34,36,38}Si; systematics. Comparison with shell-model calculations. JOUR PRVCA 77 034310
^{30}P	2008HI05	NUCLEAR REACTIONS ^{18}O(^{14}C, np), E=22 MeV; measured Eγ, Iγ, (particle)γ-coin, $\gamma(\theta)$. ^{30}Al; deduced levels, J, π, comparison with shell-model calculations. ^{26}Na, ^{28,32}Al, ^{30,32,34}P; systematics. JOUR PRVCA 77 034305
^{30}S	2008GA07	NUCLEAR REACTIONS ^{1}H(^{31}S, ^{30}S), E=71 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin. ^{30}S; deduced level energies, J, π. JOUR JPGPE 35 014030

A=31

^{31}Na	2008TR04	NUCLEAR REACTIONS ^{9}Be(^{48}Ca, X)^{30}Na / ^{31}Na / ^{32}Na / ^{33}Mg, E=140 MeV / nucleon; measured yields. JOUR PRVCA 77 034310
^{31}Mg	2008KO05	NUCLEAR MOMENTS ^{25,27,29,31}Mg [from ^{238}U(p, X), E=1.4 GeV]; measured J, π of ground states, magnetic moments, hyperfine structure using laser and β-NMR spectroscopy. Compared with shell-model calculations. JOUR PRVCA 77 034307
^{31}Al	2007NAZP	RADIOACTIVITY ^{31}Al(β^-) [from fragmentation of ^{40}Ar projectile]; measured β-spectra; ^{31}Al; deduced quadrupole moment. Polarized target, electric field gradient method. CONF Kyoto(Spin Physics) Proc.P853,Nagae
^{31}Si	2007NAZP	RADIOACTIVITY ^{31}Al(β^-) [from fragmentation of ^{40}Ar projectile]; measured β-spectra; ^{31}Al; deduced quadrupole moment. Polarized target, electric field gradient method. CONF Kyoto(Spin Physics) Proc.P853,Nagae
^{31}P	2008GA10	NUCLEAR REACTIONS ^{9}Be(^{36}Ar, X)^{19}F / ^{20}Ne / ^{21}Na / ^{22}Mg / ^{23}Al, E=130 MeV / nucleon; measured energy loss, intensities for reaction products. ^{9}Be(^{24}Si, X)^{23}Al / ^{23}Si, E=85.3 MeV / nucleon; measured single-particle cross sections, momentum distributions, spectroscopic factors. ^{9}Be(^{28}S, X)^{27}P, E=80.7 MeV / nucleon; measured Eγ, Iγ.^{9}Be(^{28}S, X)^{27}P / ^{27}S, E=80.7 MeV / nucleon; measured single particle cross sections, spectroscopic factors, momentum distributions. ^{7}Li, ^{8}B, ^{9,12,15}C, ^{16}O, ^{32,34,36}Ar, ^{24,30}Si, ^{26,28}S, ^{31}P, ^{40,48}Ca, ^{51}V, ^{90}Zr, ^{208}Pb; systematics of cross sections. JOUR PRVCA 77 044306

A=32

^{32}Na	2008TR04	NUCLEAR REACTIONS ^{9}Be(^{48}Ca, X)^{30}Na / ^{31}Na / ^{32}Na / ^{33}Mg, E=140 MeV / nucleon; measured yields. JOUR PRVCA 77 034310

A=32 *(continued)*

	2008TR04	RADIOACTIVITY ^{32}Na(β^-) [from ^{9}Be(^{48}Ca, X), E=140 MeV / nucleon]; measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives; deduced Iβ, B(GT), logft. ^{32}Mg; deduced levels, Jπ. ^{26,28,30,34,36}Mg, ^{28,30,32,34,36,38}Si; systematics. Comparison with shell-model calculations. JOUR PRVCA 77 034310
^{32}Mg	2008TR04	RADIOACTIVITY ^{32}Na(β^-) [from ^{9}Be(^{48}Ca, X), E=140 MeV / nucleon]; measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives; deduced Iβ, B(GT), logft. ^{32}Mg; deduced levels, Jπ. ^{26,28,30,34,36}Mg, ^{28,30,32,34,36,38}Si; systematics. Comparison with shell-model calculations. JOUR PRVCA 77 034310
^{32}Al	2007KAZP	RADIOACTIVITY ^{32}Al(β^-) [from fragmentation of ^{40}Ar projectile]; measured β-spectra; ^{32}Al; deduced quadrupole moment. Polarized target, electric field gradient method. CONF Kyoto(Spin Physics) Proc.P845,Kameda
	2008HI05	NUCLEAR REACTIONS ^{18}O(^{14}C, np), E=22 MeV; measured Eγ, Iγ, (particle)γ-coin, $\gamma(\theta)$. ^{30}Al; deduced levels, J, π, comparison with shell-model calculations. ^{26}Na, ^{28,32}Al, ^{30,32,34}P; systematics. JOUR PRVCA 77 034305
^{32}Si	2007KAZP	RADIOACTIVITY ^{32}Al(β^-) [from fragmentation of ^{40}Ar projectile]; measured β-spectra; ^{32}Al; deduced quadrupole moment. Polarized target, electric field gradient method. CONF Kyoto(Spin Physics) Proc.P845,Kameda
	2008TR04	RADIOACTIVITY ^{32}Na(β^-) [from ^{9}Be(^{48}Ca, X), E=140 MeV / nucleon]; measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives; deduced Iβ, B(GT), logft. ^{32}Mg; deduced levels, Jπ. ^{26,28,30,34,36}Mg, ^{28,30,32,34,36,38}Si; systematics. Comparison with shell-model calculations. JOUR PRVCA 77 034310
^{32}P	2008HI05	NUCLEAR REACTIONS ^{18}O(^{14}C, np), E=22 MeV; measured Eγ, Iγ, (particle)γ-coin, $\gamma(\theta)$. ^{30}Al; deduced levels, J, π, comparison with shell-model calculations. ^{26}Na, ^{28,32}Al, ^{30,32,34}P; systematics. JOUR PRVCA 77 034305
^{32}Ar	2008GA10	NUCLEAR REACTIONS ^{9}Be(^{36}Ar, X)^{19}F / ^{20}Ne / ^{21}Na / ^{22}Mg / ^{23}Al, E=130 MeV / nucleon; measured energy loss, intensities for reaction products. ^{9}Be(^{24}Si, X)^{23}Al / ^{23}Si, E=85.3 MeV / nucleon; measured single-particle cross sections, momentum distributions, spectroscopic factors. ^{9}Be(^{28}S, X)^{27}P, E=80.7 MeV / nucleon; measured Eγ, Iγ.^{9}Be(^{28}S, X)^{27}P / ^{27}S, E=80.7 MeV / nucleon; measured single particle cross sections, spectroscopic factors, momentum distributions. ^{7}Li, ^{8}B, ^{9,12,15}C, ^{16}O, ^{32,34,36}Ar, ^{24,30}Si, ^{26,28}S, ^{31}P, ^{40,48}Ca, ^{51}V, ^{90}Zr, ^{208}Pb; systematics of cross sections. JOUR PRVCA 77 044306

A=33

^{33}Mg	2008TR04	NUCLEAR REACTIONS ^{9}Be(^{48}Ca, X)^{30}Na / ^{31}Na / ^{32}Na / ^{33}Mg, E=140 MeV / nucleon; measured yields. JOUR PRVCA 77 034310
^{33}S	2008LA07	NUCLEAR REACTIONS ^{32}S(d, p), E=1975-2600 keV; measured $\sigma(\theta)$. Comparison with other data. JOUR NIMBE 266 2259

A=34

^{34}Mg	2008TR04	RADIOACTIVITY ^{32}Na(β^-) [from ^{9}Be(^{48}Ca, X), E=140 MeV / nucleon]; measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives; deduced Iβ, B(GT), logft. ^{32}Mg; deduced levels, Jπ. ^{26,28,30,34,36}Mg, ^{28,30,32,34,36,38}Si; systematics. Comparison with shell-model calculations. JOUR PRVCA 77 034310
^{34}Si	2008TR04	RADIOACTIVITY ^{32}Na(β^-) [from ^{9}Be(^{48}Ca, X), E=140 MeV / nucleon]; measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives; deduced Iβ, B(GT), logft. ^{32}Mg; deduced levels, Jπ. ^{26,28,30,34,36}Mg, ^{28,30,32,34,36,38}Si; systematics. Comparison with shell-model calculations. JOUR PRVCA 77 034310
^{34}P	2008HI05	NUCLEAR REACTIONS ^{18}O(^{14}C, np), E=22 MeV; measured Eγ, Iγ, (particle)γ-coin, $\gamma(\theta)$. ^{30}Al; deduced levels, J, π, comparison with shell-model calculations. ^{26}Na, ^{28,32}Al, ^{30,32,34}P; systematics. JOUR PRVCA 77 034305
^{34}Cl	2008HAZZ	RADIOACTIVITY ^{10}C, ^{14}O, ^{22}Mg, ^{26m}Al, ^{34}Cl, ^{34}Ar, ^{38m}K, ^{42}Sc, ^{46}V, ^{50}Mn, ^{54}Co, ^{62}Ga, ^{74}Rb; analyzed superallowed β-decay data. ^{34}Ar(β^+), (EC) [from ^{1}H(^{35}Cl, 2n), E=35 MeV / nucleon]; measured Eγ, Iγ, Eβ, $\beta\gamma$ coin; deduced β^++EC branches for superallowed β decay. CONF Sinaia(Exotic Nuclei and Nucl.Part.Astorphysics(II)) Proc.P119,Ha
^{34}Ar	2008GA10	NUCLEAR REACTIONS ^{9}Be(^{36}Ar, X)^{19}F / ^{20}Ne / ^{21}Na / ^{22}Mg / ^{23}Al, E=130 MeV / nucleon; measured energy loss, intensities for reaction products. ^{9}Be(^{24}Si, X)^{23}Al / ^{23}Si, E=85.3 MeV / nucleon; measured single-particle cross sections, momentum distributions, spectroscopic factors. ^{9}Be(^{28}S, X)^{27}P, E=80.7 MeV / nucleon; measured Eγ, Iγ.^{9}Be(^{28}S, X)^{27}P / ^{27}S, E=80.7 MeV / nucleon; measured single particle cross sections, spectroscopic factors, momentum distributions. ^{7}Li, ^{8}B, ^{9,12,15}C, ^{16}O, ^{32,34,36}Ar, ^{24,30}Si, ^{26,28}S, ^{31}P, ^{40,48}Ca, ^{51}V, ^{90}Zr, ^{208}Pb; systematics of cross sections. JOUR PRVCA 77 044306
	2008HAZZ	RADIOACTIVITY ^{10}C, ^{14}O, ^{22}Mg, ^{26m}Al, ^{34}Cl, ^{34}Ar, ^{38m}K, ^{42}Sc, ^{46}V, ^{50}Mn, ^{54}Co, ^{62}Ga, ^{74}Rb; analyzed superallowed β-decay data. ^{34}Ar(β^+), (EC) [from ^{1}H(^{35}Cl, 2n), E=35 MeV / nucleon]; measured Eγ, Iγ, Eβ, $\beta\gamma$ coin; deduced β^++EC branches for superallowed β decay. CONF Sinaia(Exotic Nuclei and Nucl.Part.Astorphysics(II)) Proc.P119,Ha

A=35

^{35}S	2008MI07	RADIOACTIVITY ^{37}K(β^+); measured electric quadrupole moment using the β-NQR technique. ^{35}S, ^{37}Ar, ^{35,37,39}K, ^{39}Ca; analyzed electric quadrupole moment using shell model and effective charge dependency. JOUR PYLBB 662 389
^{35}K	2008MI07	RADIOACTIVITY ^{37}K(β^+); measured electric quadrupole moment using the β-NQR technique. ^{35}S, ^{37}Ar, ^{35,37,39}K, ^{39}Ca; analyzed electric quadrupole moment using shell model and effective charge dependency. JOUR PYLBB 662 389

A=36

^{36}Mg	2008TR04	RADIOACTIVITY ^{32}Na(β^-) [from ^{9}Be(^{48}Ca, X), E=140 MeV / nucleon]; measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives; deduced Iβ, B(GT), logft. ^{32}Mg; deduced levels, Jπ. ^{26,28,30,34,36}Mg, ^{28,30,32,34,36,38}Si; systematics. Comparison with shell-model calculations. JOUR PRVCA 77 034310
^{36}Si	2008TR04	RADIOACTIVITY ^{32}Na(β^-) [from ^{9}Be(^{48}Ca, X), E=140 MeV / nucleon]; measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives; deduced Iβ, B(GT), logft. ^{32}Mg; deduced levels, Jπ. ^{26,28,30,34,36}Mg, ^{28,30,32,34,36,38}Si; systematics. Comparison with shell-model calculations. JOUR PRVCA 77 034310
^{36}S	2008NE04	NUCLEAR REACTIONS ^{40}Ca(polarized p, pα), E=100 MeV; measured analyzing powers, comparison with theory. ^{36}S; deduced levels, J. DWIA calculations. JOUR PRVCA 77 037601
^{36}Ar	2008GA10	NUCLEAR REACTIONS ^{9}Be(^{36}Ar, X)^{19}F / ^{20}Ne / ^{21}Na / ^{22}Mg / ^{23}Al, E=130 MeV / nucleon; measured energy loss, intensities for reaction products. ^{9}Be(^{24}Si, X)^{23}Al / ^{23}Si, E=85.3 MeV / nucleon; measured single-particle cross sections, momentum distributions, spectroscopic factors. ^{9}Be(^{28}S, X)^{27}P, E=80.7 MeV / nucleon; measured Eγ, Iγ.^{9}Be(^{28}S, X)^{27}P / ^{27}S, E=80.7 MeV / nucleon; measured single particle cross sections, spectroscopic factors, momentum distributions. ^{7}Li, ^{8}B, ^{9,12,15}C, ^{16}O, ^{32,34,36}Ar, ^{24,30}Si, ^{26,28}S, ^{31}P, ^{40,48}Ca, ^{51}V, ^{90}Zr, ^{208}Pb; systematics of cross sections. JOUR PRVCA 77 044306
	2008NE04	NUCLEAR REACTIONS ^{40}Ca(polarized p, pα), E=100 MeV; measured analyzing powers, comparison with theory. ^{36}S; deduced levels, J. DWIA calculations. JOUR PRVCA 77 037601

A=37

^{37}Cl	2008KA10	NUCLEAR REACTIONS ^{36}S, ^{38}Ar(p, γ), E=0.8-2.8 MeV; measured Eγ, Iγ. ^{37}Cl; deduced levels, B(M1). ^{37}Cl, ^{39}K; deduced total MDR strength functions. JOUR BRSPE 72 403
^{37}Ar	2008MI07	RADIOACTIVITY ^{37}K(β^+); measured electric quadrupole moment using the β-NQR technique. ^{35}S, ^{37}Ar, ^{35,37,39}K, ^{39}Ca; analyzed electric quadrupole moment using shell model and effective charge dependency. JOUR PYLBB 662 389
^{37}K	2008MI07	RADIOACTIVITY ^{37}K(β^+); measured electric quadrupole moment using the β-NQR technique. ^{35}S, ^{37}Ar, ^{35,37,39}K, ^{39}Ca; analyzed electric quadrupole moment using shell model and effective charge dependency. JOUR PYLBB 662 389

A=38

^{38}Si	2008TR04	RADIOACTIVITY ^{32}Na(β^-) [from ^{9}Be(^{48}Ca, X), E=140 MeV / nucleon]; measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives; deduced Iβ, B(GT), logft. ^{32}Mg; deduced levels, Jπ. ^{26,28,30,34,36}Mg, ^{28,30,32,34,36,38}Si; systematics. Comparison with shell-model calculations. JOUR PRVCA 77 034310
^{38}S	2007KLZX	NUCLEAR REACTIONS ^{40}Ar(μ^-, νX)^{40}Cl / ^{39}Cl / ^{38}Cl / ^{39}S / ^{38}S, E not given; measured Eγ, Iγ; deduced μ $T_{1/2}$ in ^{40}Ar, isotope yields. CONF Prague (MEDEX'07),Proc.P49,Klinskih
	2008LE12	RADIOACTIVITY ^{38m}K(β^+), ^{38m}Cl(β^+);measured positron spectra, Eγ, Iγ, $\beta\gamma$-coin, $T_{1/2}$; deduced Ft for superallowed decay, comparison with other superallowed decays. JOUR PRLTA 100 192504
^{38}Cl	2007KLZX	NUCLEAR REACTIONS ^{40}Ar(μ^-, νX)^{40}Cl / ^{39}Cl / ^{38}Cl / ^{39}S / ^{38}S, E not given; measured Eγ, Iγ; deduced μ $T_{1/2}$ in ^{40}Ar, isotope yields. CONF Prague (MEDEX'07),Proc.P49,Klinskih
	2008LE12	RADIOACTIVITY ^{38m}K(β^+), ^{38m}Cl(β^+);measured positron spectra, Eγ, Iγ, $\beta\gamma$-coin, $T_{1/2}$; deduced Ft for superallowed decay, comparison with other superallowed decays. JOUR PRLTA 100 192504
	2008VO04	NUCLEAR REACTIONS ^{180,182}Hf(n, γ), E=thermal; measured Eγ, Iγ, σ, reaction rates. ^{94,96}Zr(n, γ), E=thermal; measured reaction rates. ^{23}Na, ^{37}Cl, ^{55}Mn, ^{115}In, ^{179}Hf, ^{182}Ta(n, γ), E=thermal; measured Eγ. JOUR PRVCA 77 044608
^{38}Ar	2008LE12	RADIOACTIVITY ^{38m}K(β^+), ^{38m}Cl(β^+);measured positron spectra, Eγ, Iγ, $\beta\gamma$-coin, $T_{1/2}$; deduced Ft for superallowed decay, comparison with other superallowed decays. JOUR PRLTA 100 192504
^{38}K	2008HAZZ	RADIOACTIVITY ^{10}C, ^{14}O, ^{22}Mg, ^{26m}Al, ^{34}Cl, ^{34}Ar, ^{38m}K, ^{42}Sc, ^{46}V, ^{50}Mn, ^{54}Co, ^{62}Ga, ^{74}Rb; analyzed superallowed β-decay data. ^{34}Ar(β^+), (EC) [from ^{1}H(^{35}Cl, 2n), E=35 MeV / nucleon]; measured Eγ, Iγ, Eβ, $\beta\gamma$ coin; deduced β^++EC branches for superallowed β decay. CONF Sinaia(Exotic Nuclei and Nucl.Part.Astorphysics(II)) Proc.P119,Ha
	2008LE12	RADIOACTIVITY ^{38m}K(β^+), ^{38m}Cl(β^+);measured positron spectra, Eγ, Iγ, $\beta\gamma$-coin, $T_{1/2}$; deduced Ft for superallowed decay, comparison with other superallowed decays. JOUR PRLTA 100 192504

A=39

^{39}S	2007KLZX	NUCLEAR REACTIONS ^{40}Ar(μ^-, νX)^{40}Cl / ^{39}Cl / ^{38}Cl / ^{39}S / ^{38}S, E not given; measured Eγ, Iγ; deduced μ $T_{1/2}$ in ^{40}Ar, isotope yields. CONF Prague (MEDEX'07),Proc.P49,Klinskih
^{39}Cl	2007KLZX	NUCLEAR REACTIONS ^{40}Ar(μ^-, νX)^{40}Cl / ^{39}Cl / ^{38}Cl / ^{39}S / ^{38}S, E not given; measured Eγ, Iγ; deduced μ $T_{1/2}$ in ^{40}Ar, isotope yields. CONF Prague (MEDEX'07),Proc.P49,Klinskih
^{39}K	2008KA10	NUCLEAR REACTIONS ^{36}S, ^{38}Ar(p, γ), E=0.8-2.8 MeV; measured Eγ, Iγ. ^{37}Cl; deduced levels, B(M1). ^{37}Cl, ^{39}K; deduced total MDR strength functions. JOUR BRSPE 72 403

A=39 *(continued)*

	2008MI07	RADIOACTIVITY ^{37}K(β^+); measured electric quadrupole moment using the β-NQR technique. ^{35}S, ^{37}Ar, ^{35,37,39}K, ^{39}Ca; analyzed electric quadrupole moment using shell model and effective charge dependency. JOUR PYLBB 662 389
	2008NO01	NUCLEAR REACTIONS ^{6}Li, ^{12}C, ^{40}Ca(p, 2p)E=392 MeV; measured Wolfenstein parameters, induced polarizations, analyzing powers, separation energy spectra. Comparison with DWIA and PWIA models. JOUR PRVCA 77 044604
^{39}Ca	2008MI07	RADIOACTIVITY ^{37}K(β^+); measured electric quadrupole moment using the β-NQR technique. ^{35}S, ^{37}Ar, ^{35,37,39}K, ^{39}Ca; analyzed electric quadrupole moment using shell model and effective charge dependency. JOUR PYLBB 662 389

A=40

^{40}Cl	2007KLZX	NUCLEAR REACTIONS ^{40}Ar(μ^-, νX)^{40}Cl / ^{39}Cl / ^{38}Cl / ^{39}S / ^{38}S, E not given; measured Eγ, Iγ; deduced μ $T_{1/2}$ in ^{40}Ar, isotope yields. CONF Prague (MEDEX'07),Proc.P49,Klinskih
^{40}Ca	2008GA10	NUCLEAR REACTIONS ^{9}Be(^{36}Ar, X)^{19}F / ^{20}Ne / ^{21}Na / ^{22}Mg / ^{23}Al, E=130 MeV / nucleon; measured energy loss, intensities for reaction products. ^{9}Be(^{24}Si, X)^{23}Al / ^{23}Si, E=85.3 MeV / nucleon; measured single-particle cross sections, momentum distributions, spectroscopic factors. ^{9}Be(^{28}S, X)^{27}P, E=80.7 MeV / nucleon; measured Eγ, Iγ.^{9}Be(^{28}S, X)^{27}P / ^{27}S, E=80.7 MeV / nucleon; measured single particle cross sections, spectroscopic factors, momentum distributions. ^{7}Li, ^{8}B, ^{9,12,15}C, ^{16}O, ^{32,34,36}Ar, ^{24,30}Si, ^{26,28}S, ^{31}P, ^{40,48}Ca, ^{51}V, ^{90}Zr, ^{208}Pb; systematics of cross sections. JOUR PRVCA 77 044306

A=41

^{41}K	2008VO03	NUCLEAR REACTIONS ^{40}Ar(p, γ);E=1102, 1839, 1842, 1859, 1875, 1896 keV; measured Eγ, I$\gamma(\theta)$. ^{41}K; deduced levels, J, π, B(M1). JOUR BRSPE 72 385

A=42

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

A=42 *(continued)*

^{42}Ti	2007PFZZ	RADIOACTIVITY ^{45}Fe(β^+), (β^+p), (β^+2p), (β^+3p), (2p) [from Ni(^{38}Ni, xpyn)^{45}Fe, E=161 MeV / nucleon]; measured Ep, Ip, p(residual)-coin, $T_{1/2}$. CONF Lisbon (PROCON 2007),Proc.P81,Pfutzner

A=43

^{43}V	2007PFZZ	RADIOACTIVITY ^{45}Fe(β^+), (β^+p), (β^+2p), (β^+3p), (2p) [from Ni(^{38}Ni, xpyn)^{45}Fe, E=161 MeV / nucleon]; measured Ep, Ip, p(residual)-coin, $T_{1/2}$. CONF Lisbon (PROCON 2007),Proc.P81,Pfutzner
^{43}Cr	2007BLZX	RADIOACTIVITY ^{45}Fe, ^{54}Zn, ^{48}Ni(2p); measured Ep, Ip, $T_{1/2}$. ^{45}Fe, ^{54}Zn, ^{48}Ni; deduced (2p) decays branching ratios. Comparison with theoretical models. CONF Lisbon (PROCON 2007),Proc.P87,Blank
	2007GIZW	RADIOACTIVITY ^{45}Fe(2p); measured Ep, Ip, $T_{1/2}$. CONF Lisbon (PROCON 2007),Proc.P99,Giovinazzo
	2007PFZZ	RADIOACTIVITY ^{45}Fe(β^+), (β^+p), (β^+2p), (β^+3p), (2p) [from Ni(^{38}Ni, xpyn)^{45}Fe, E=161 MeV / nucleon]; measured Ep, Ip, p(residual)-coin, $T_{1/2}$. CONF Lisbon (PROCON 2007),Proc.P81,Pfutzner
	2008BOZY	RADIOACTIVITY ^{45}Fe, ^{48}Ni, ^{54}Zn(2p) [from Ni(^{58}Ni, X)]; measured Ep, Ip, β^+p-coin for 2p decay mode. Reviewed sequential and direct 2-proton decay modes. CONF Sinaia(Exotic Nuclei and Nucl.Part.Astorphysics(II)) Proc.P156,Bo

A=44

^{44}Sc	2008VO02	NUCLEAR REACTIONS ^{45}Sc(^{3}He, α), (^{3}He, p), E=11 Mev; measured Eγ, Iγ, particle spectra, α particle angular distributions; deduced level density, $\alpha\gamma$-coin. ^{44}Sc, ^{47}Ti; deduced level density. Comparison with theory. JOUR PRVCA 77 034613
^{44}Ti	2008VO01	NUCLEAR REACTIONS ^{4}He(^{40}Ca, γ), E=600-1150 keV / nucleon; measured Eγ, $\gamma\gamma$-, (recoil)γ-coin, excitation function. JOUR JPGPE 35 014034
^{44}Cr	2007PFZZ	RADIOACTIVITY ^{45}Fe(β^+), (β^+p), (β^+2p), (β^+3p), (2p) [from Ni(^{38}Ni, xpyn)^{45}Fe, E=161 MeV / nucleon]; measured Ep, Ip, p(residual)-coin, $T_{1/2}$. CONF Lisbon (PROCON 2007),Proc.P81,Pfutzner

A=45

^{45}Sc	2008SA18	NUCLEAR REACTIONS ^{45}Sc(γ, γ'), E≈5-7 MeV bremsstrahlung; measured Eγ, Iγ, integrated σ. ^{45}Sc deduced level / transition energies, decay widths and B(E1), B(M1) strength distributions. Comparison with ^{44}Ca. JOUR ZAANE 36 17

A=45 *(continued)*

^{45}Mn	2007PFZZ	RADIOACTIVITY ^{45}Fe(β^+), (β^+p), (β^+2p), (β^+3p), (2p) [from Ni(^{38}Ni, xpyn)^{45}Fe, E=161 MeV / nucleon]; measured Ep, Ip, p(residual)-coin, $T_{1/2}$. CONF Lisbon (PROCON 2007),Proc.P81,Pfutzner
^{45}Fe	2007BLZX	RADIOACTIVITY ^{45}Fe, ^{54}Zn, ^{48}Ni(2p); measured Ep, Ip, $T_{1/2}$. ^{45}Fe, ^{54}Zn, ^{48}Ni; deduced (2p) decays branching ratios. Comparison with theoretical models. CONF Lisbon (PROCON 2007),Proc.P87,Blank
	2007GIZW	RADIOACTIVITY ^{45}Fe(2p); measured Ep, Ip, $T_{1/2}$. CONF Lisbon (PROCON 2007),Proc.P99,Giovinazzo
	2007PFZZ	RADIOACTIVITY ^{45}Fe(β^+), (β^+p), (β^+2p), (β^+3p), (2p) [from Ni(^{38}Ni, xpyn)^{45}Fe, E=161 MeV / nucleon]; measured Ep, Ip, p(residual)-coin, $T_{1/2}$. CONF Lisbon (PROCON 2007),Proc.P81,Pfutzner
	2008BOZY	RADIOACTIVITY ^{45}Fe, ^{48}Ni, ^{54}Zn(2p) [from Ni(^{58}Ni, X)]; measured Ep, Ip, β^+p-coin for 2p decay mode. Reviewed sequential and direct 2-proton decay modes. CONF Sinaia(Exotic Nuclei and Nucl.Part.Astorphysics(II)) Proc.P156,Bo

A=46

^{46}Sc	2008FE07	RADIOACTIVITY ^{46}Sc(β^-); measured near-zero-energy electron yield as a function of β energy. Deduced self ionization probability. JOUR PANUE 71 437
^{46}Ti	2008FE07	RADIOACTIVITY ^{46}Sc(β^-); measured near-zero-energy electron yield as a function of β energy. Deduced self ionization probability. JOUR PANUE 71 437
^{46}V	2008HAZZ	RADIOACTIVITY ^{10}C, ^{14}O, ^{22}Mg, ^{26m}Al, ^{34}Cl, ^{34}Ar, ^{38m}K, ^{42}Sc, ^{46}V, ^{50}Mn, ^{54}Co, ^{62}Ga, ^{74}Rb; analyzed superallowed β-decay data. ^{34}Ar(β^+), (EC) [from ^{1}H(^{35}Cl, 2n), E=35 MeV / nucleon]; measured Eγ, Iγ, Eβ, $\beta\gamma$ coin; deduced β^++EC branches for superallowed β decay. CONF Sinaia(Exotic Nuclei and Nucl.Part.Astorphysics(II)) Proc.P119,Ha
^{46}Fe	2007BLZX	RADIOACTIVITY ^{45}Fe, ^{54}Zn, ^{48}Ni(2p); measured Ep, Ip, $T_{1/2}$. ^{45}Fe, ^{54}Zn, ^{48}Ni; deduced (2p) decays branching ratios. Comparison with theoretical models. CONF Lisbon (PROCON 2007),Proc.P87,Blank
	2008BOZY	RADIOACTIVITY ^{45}Fe, ^{48}Ni, ^{54}Zn(2p) [from Ni(^{58}Ni, X)]; measured Ep, Ip, β^+p-coin for 2p decay mode. Reviewed sequential and direct 2-proton decay modes. CONF Sinaia(Exotic Nuclei and Nucl.Part.Astorphysics(II)) Proc.P156,Bo

A=47

^{47}Ti	2008VO02	NUCLEAR REACTIONS ^{45}Sc(^{3}He, α), (^{3}He, p), E=11 Mev; measured Eγ, Iγ, particle spectra, α particle angular distributions; deduced level density, $\alpha\gamma$-coin. ^{44}Sc, ^{47}Ti; deduced level density. Comparison with theory. JOUR PRVCA 77 034613

A=48

^{48}Ca	2007TAZS	NUCLEAR REACTIONS ^{48}Ca(p, p'), E=295 MeV; measured Ep, Ip. ^{48}Ca; deduced M1, E1 excitations. Cyclotron, Large Acceptance Spectrometer. CONF Kyoto(Spin Physics) Proc.P811,Tamii
	2008GA10	NUCLEAR REACTIONS ^{9}Be(^{36}Ar, X)^{19}F / ^{20}Ne / ^{21}Na / ^{22}Mg / ^{23}Al, E=130 MeV / nucleon; measured energy loss, intensities for reaction products. ^{9}Be(^{24}Si, X)^{23}Al / ^{23}Si, E=85.3 MeV / nucleon; measured single-particle cross sections, momentum distributions, spectroscopic factors. ^{9}Be(^{28}S, X)^{27}P, E=80.7 MeV / nucleon; measured Eγ, Iγ.^{9}Be(^{28}S, X)^{27}P / ^{27}S, E=80.7 MeV / nucleon; measured single particle cross sections, spectroscopic factors, momentum distributions. ^{7}Li, ^{8}B, ^{9,12,15}C, ^{16}O, ^{32,34,36}Ar, ^{24,30}Si, ^{26,28}S, ^{31}P, ^{40,48}Ca, ^{51}V, ^{90}Zr, ^{208}Pb; systematics of cross sections. JOUR PRVCA 77 044306
^{48}Ti	2007ZIZX	NUCLEAR REACTIONS ^{48}Ti, Se, ^{76}Se, Kr, ^{82}Kr, Cd, ^{106}Cd, Sm, ^{150}Sm(μ, ν), E not given; measured Eγ, Iγ, X-ray energies and intensities; deduced total and partial μ capture rates, yields of radioactive daughter nuclei. CONF Prague (MEDEX'07),Proc.P91,Zinatulina
^{48}Ni	2007BLZX	RADIOACTIVITY ^{45}Fe, ^{54}Zn, ^{48}Ni(2p); measured Ep, Ip, $T_{1/2}$. ^{45}Fe, ^{54}Zn, ^{48}Ni; deduced (2p) decays branching ratios. Comparison with theoretical models. CONF Lisbon (PROCON 2007),Proc.P87,Blank
	2008BOZY	RADIOACTIVITY ^{45}Fe, ^{48}Ni, ^{54}Zn(2p) [from Ni(^{58}Ni, X)]; measured Ep, Ip, β^+p-coin for 2p decay mode. Reviewed sequential and direct 2-proton decay modes. CONF Sinaia(Exotic Nuclei and Nucl.Part.Astorphysics(II)) Proc.P156,Bo

A=49

No references found

A=50

^{50}Cr	2008ER04	RADIOACTIVITY ^{50}Mn, ^{54}Co(EC); measured Q values using penning trap. JOUR PRLTA 100 132502
^{50}Mn	2007FUZY	NUCLEAR REACTIONS ^{50}Cr(^{3}He, t) E=140 MeV / nucleon; measured triton spectra. ^{50}Mn deduced levels. Compared results with those ^{50}Fe β-decay. CONF Kyoto(Spin Physics) Proc.P807,Fujita
	2008ER04	RADIOACTIVITY ^{50}Mn, ^{54}Co(EC); measured Q values using penning trap. JOUR PRLTA 100 132502
	2008FU04	NUCLEAR REACTIONS ^{50}Cr, ^{54}Fe(^{3}He, t), E=140 MeV / nucleon; measured triton spectra. Deduced B(GT). Merged analysis with β-decay half lives. JOUR JPGPE 35 014041

A=50 *(continued)*

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

A=51

^{51}Ti	2008FA06	NUCLEAR REACTIONS ^{51}V(n, p), E=14.1, 14.6 MeV; ^{64}Ni(n, α), E=13.5, 14.6 MeV; ^{165}Ho(n, α), (n, 2n), E=14.1, 14.6 MeV; ^{180}W(n, 2n), E=13.5, 14.1 MeV; ^{186}W(n, 2n), E=14.1 MeV; measured σ using activation technique. Comparison with other data. JOUR ARISE 66 1104
^{51}V	2008GA10	NUCLEAR REACTIONS ^{9}Be(^{36}Ar, X)^{19}F / ^{20}Ne / ^{21}Na / ^{22}Mg / ^{23}Al, E=130 MeV / nucleon; measured energy loss, intensities for reaction products. ^{9}Be(^{24}Si, X)^{23}Al / ^{23}Si, E=85.3 MeV / nucleon; measured single-particle cross sections, momentum distributions, spectroscopic factors. ^{9}Be(^{28}S, X)^{27}P, E=80.7 MeV / nucleon; measured Eγ, Iγ.^{9}Be(^{28}S, X)^{27}P / ^{27}S, E=80.7 MeV / nucleon; measured single particle cross sections, spectroscopic factors, momentum distributions. ^{7}Li, ^{8}B, ^{9,12,15}C, ^{16}O, ^{32,34,36}Ar, ^{24,30}Si, ^{26,28}S, ^{31}P, ^{40,48}Ca, ^{51}V, ^{90}Zr, ^{208}Pb; systematics of cross sections. JOUR PRVCA 77 044306

A=52

^{52}Ni	2007BLZX	RADIOACTIVITY ^{45}Fe, ^{54}Zn, ^{48}Ni(2p); measured Ep, Ip, $T_{1/2}$. ^{45}Fe, ^{54}Zn, ^{48}Ni; deduced (2p) decays branching ratios. Comparison with theoretical models. CONF Lisbon (PROCON 2007),Proc.P87,Blank
	2008BOZY	RADIOACTIVITY ^{45}Fe, ^{48}Ni, ^{54}Zn(2p) [from Ni(^{58}Ni, X)]; measured Ep, Ip, β^+p-coin for 2p decay mode. Reviewed sequential and direct 2-proton decay modes. CONF Sinaia(Exotic Nuclei and Nucl.Part.Astorphysics(II)) Proc.P156,Bo

A=53

No references found

A=54

^{54}Fe	2008ER04	RADIOACTIVITY ^{50}Mn, ^{54}Co(EC); measured Q values using penning trap. JOUR PRLTA 100 132502
^{54}Co	2008ER04	RADIOACTIVITY ^{50}Mn, ^{54}Co(EC); measured Q values using penning trap. JOUR PRLTA 100 132502

A=54 *(continued)*

	2008FU04	NUCLEAR REACTIONS ^{50}Cr, ^{54}Fe(^{3}He, t), E=140 MeV / nucleon; measured triton spectra. Deduced B(GT). Merged analysis with β-decay half lives. JOUR JPGPE 35 014041
	2008HAZZ	RADIOACTIVITY ^{10}C, ^{14}O, ^{22}Mg, ^{26m}Al, ^{34}Cl, ^{34}Ar, ^{38m}K, ^{42}Sc, ^{46}V, ^{50}Mn, ^{54}Co, ^{62}Ga, ^{74}Rb; analyzed superallowed β-decay data. ^{34}Ar(β^+), (EC) [from ^{1}H(^{35}Cl, 2n), E=35 MeV / nucleon]; measured Eγ, Iγ, Eβ, $\beta\gamma$ coin; deduced β^++EC branches for superallowed β decay. CONF Sinaia(Exotic Nuclei and Nucl.Part.Astorphysics(II)) Proc.P119,Ha
^{54}Zn	2007BLZX	RADIOACTIVITY ^{45}Fe, ^{54}Zn, ^{48}Ni(2p); measured Ep, Ip, $T_{1/2}$. ^{45}Fe, ^{54}Zn, ^{48}Ni; deduced (2p) decays branching ratios. Comparison with theoretical models. CONF Lisbon (PROCON 2007),Proc.P87,Blank
	2008BOZY	RADIOACTIVITY ^{45}Fe, ^{48}Ni, ^{54}Zn(2p) [from Ni(^{58}Ni, X)]; measured Ep, Ip, β^+p-coin for 2p decay mode. Reviewed sequential and direct 2-proton decay modes. CONF Sinaia(Exotic Nuclei and Nucl.Part.Astorphysics(II)) Proc.P156,Bo

A=55

No references found

A=56

^{56}Mn	2008VO04	NUCLEAR REACTIONS ^{180,182}Hf(n, γ), E=thermal; measured Eγ, Iγ, σ, reaction rates. ^{94,96}Zr(n, γ), E=thermal; measured reaction rates. ^{23}Na, ^{37}Cl, ^{55}Mn, ^{115}In, ^{179}Hf, ^{182}Ta(n, γ), E=thermal; measured Eγ. JOUR PRVCA 77 044608
^{56}Fe	2008DR04	RADIOACTIVITY ^{56}Co(β^+); measured Eγ, Iγ, $\beta\gamma$-coin; deduced emission probabilities. JOUR ARISE 66 711
	2008HO05	NUCLEAR REACTIONS ^{238}U(^{64}Ni, X), E=430 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{61}Fe; deduced levels, J, π. ^{59}Fe; measured Eγ, Iγ. ^{56,57,58,59,60}Fe; systematics. Comparisons with shell model and particle-triaxial rotor model. JOUR PRVCA 77 044314
^{56}Co	2008DR04	RADIOACTIVITY ^{56}Co(β^+); measured Eγ, Iγ, $\beta\gamma$-coin; deduced emission probabilities. JOUR ARISE 66 711
	2008EI01	NUCLEAR REACTIONS ^{12}C(ν, ν'), E < 52.8 MeV; ^{12,13}C, ^{56}Fe(ν, e$^-$), E < 52.8 MeV; measured flux averaged cross sections, energy distribution of ν-induced single events; deduced neutrino oscillation upper limit. JOUR JPGPE 35 014055

A=57

^{57}Fe	2008HO05	NUCLEAR REACTIONS ^{238}U(^{64}Ni, X), E=430 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{61}Fe; deduced levels, J, π. ^{59}Fe; measured Eγ, Iγ. ^{56,57,58,59,60}Fe; systematics. Comparisons with shell model and particle-triaxial rotor model. JOUR PRVCA 77 044314

A=57 *(continued)*

^{57}Ni	2007JOZW	RADIOACTIVITY ^{58}Cu(p) [^{28}Si(^{36}Ar, xpyn)^{58}Cu, E=143 MeV]; measured Eγ, Iγ, Ep, Ip, $\gamma\gamma$, γp-coin. ^{58}Cu; deduced (prompt p) decay, rotational levels; ^{57}Ni; deduced levels. CONF Lisbon (PROCON 2007),Proc.P41,Johansson

A=58

^{58}Fe	2008HO05	NUCLEAR REACTIONS ^{238}U(^{64}Ni, X), E=430 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{61}Fe; deduced levels, J, π. ^{59}Fe; measured Eγ, Iγ. ^{56,57,58,59,60}Fe; systematics. Comparisons with shell model and particle-triaxial rotor model. JOUR PRVCA 77 044314
^{58}Cu	2007JOZW	RADIOACTIVITY ^{58}Cu(p) [^{28}Si(^{36}Ar, xpyn)^{58}Cu, E=143 MeV]; measured Eγ, Iγ, Ep, Ip, $\gamma\gamma$, γp-coin. ^{58}Cu; deduced (prompt p) decay, rotational levels; ^{57}Ni; deduced levels. CONF Lisbon (PROCON 2007),Proc.P41,Johansson

A=59

^{59}Fe	2008HO05	NUCLEAR REACTIONS ^{238}U(^{64}Ni, X), E=430 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{61}Fe; deduced levels, J, π. ^{59}Fe; measured Eγ, Iγ. ^{56,57,58,59,60}Fe; systematics. Comparisons with shell model and particle-triaxial rotor model. JOUR PRVCA 77 044314

A=60

^{60}Fe	2008HO05	NUCLEAR REACTIONS ^{238}U(^{64}Ni, X), E=430 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{61}Fe; deduced levels, J, π. ^{59}Fe; measured Eγ, Iγ. ^{56,57,58,59,60}Fe; systematics. Comparisons with shell model and particle-triaxial rotor model. JOUR PRVCA 77 044314

A=61

^{61}Fe	2008FA06	NUCLEAR REACTIONS ^{51}V(n, p), E=14.1, 14.6 MeV; ^{64}Ni(n, α), E=13.5, 14.6 MeV; ^{165}Ho(n, α), (n, 2n), E=14.1, 14.6 MeV; ^{180}W(n, 2n), E=13.5, 14.1 MeV; ^{186}W(n, 2n), E=14.1 MeV; measured σ using activation technique. Comparison with other data. JOUR ARISE 66 1104
	2008HO05	NUCLEAR REACTIONS ^{238}U(^{64}Ni, X), E=430 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{61}Fe; deduced levels, J, π. ^{59}Fe; measured Eγ, Iγ. ^{56,57,58,59,60}Fe; systematics. Comparisons with shell model and particle-triaxial rotor model. JOUR PRVCA 77 044314

A=61 *(continued)*

^{61}Cu	2008AG06	NUCLEAR REACTIONS ^{59}Co(^{12}C, 3np), (^{12}C, 2n2p), (^{12}C, nα), (^{12}C, 2nα), (^{12}C, 3npα), (^{12}C, 2n2α), E=60, 65, 70, 75, 80 MeV; measured Eγ, Iγ, excitation functions, cross sections, forward recoil range distributions of evaporation residues. Comparisons with calculations using ALICE-91 and CASCADE codes. JOUR IMPEE 17 393

A=62

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

A=63

^{63}Fe	2008AD04	NUCLEAR REACTIONS ^{9}Be(^{67}Co, ^{66}Fe)X, E=84.3 MeV / nucleon; ^{9}Be(^{68}Ni, ^{66}Fe)X, E=74.7 MeV / nucleon; ^{9}Be(^{69}Co, ^{68}Fe)X, E=77.8 MeV / nucleon; ^{9}Be(^{66}Fe, ^{64}Cr)X, E=73.5 MeV / nucleon; measured Eγ, Iγ, σ. ^{66,68}Fe, ^{64}Cr; deduced levels, J, π. ^{9}Be(^{76}Ge, X)^{63}Fe / ^{64}Fe / ^{65}Fe / ^{66}Fe / ^{68}Ni / ^{69}Cu, E=130 MeV / nucleon;measured yields. JOUR PRVCA 77 054306
	2008BL05	ATOMIC MASSES ^{63,64,65}Fe, ^{64,65,66}Co; measured and evaluated masses using Penning trap mass spectrometer, isotopes produced by projectile fragmentation with LEBIT at NSCL. ^{65m}Fe; deduced level energy, $T_{1/2}$ for isomeric state. JOUR PRLTA 100 132501
^{63}Zn	2008AG06	NUCLEAR REACTIONS ^{59}Co(^{12}C, 3np), (^{12}C, 2n2p), (^{12}C, nα), (^{12}C, 2nα), (^{12}C, 3npα), (^{12}C, 2n2α), E=60, 65, 70, 75, 80 MeV; measured Eγ, Iγ, excitation functions, cross sections, forward recoil range distributions of evaporation residues. Comparisons with calculations using ALICE-91 and CASCADE codes. JOUR IMPEE 17 393
^{63}Ga	2008YA08	NUCLEAR REACTIONS C(^{72}Kr, X), (^{76}Kr, X), (^{80}Kr, X), E=1.05 GeV / nucleon; measured interaction cross sections, effective matter radii. ^{63,64,65,66,67,68}Ga, ^{65,66,67,68,69,70}Ge, ^{67,68,69,70,71,72}As, ^{69,70,71,72,73}Se, ^{72,73,74,75}Br, ^{73,74,75,77,78,79,81,82,83,84,85,86,87,88,89,90}Kr; systematics. Comparison with Skyrme-Hartree-Fock-Bogoliubov calculations. JOUR PRVCA 77 034315

A=64

^{64}Cr	2008AD04	NUCLEAR REACTIONS ^{9}Be(^{67}Co, ^{66}Fe)X, E=84.3 MeV / nucleon; ^{9}Be(^{68}Ni, ^{66}Fe)X, E=74.7 MeV / nucleon; ^{9}Be(^{69}Co, ^{68}Fe)X, E=77.8 MeV / nucleon; ^{9}Be(^{66}Fe, ^{64}Cr)X, E=73.5 MeV / nucleon; measured Eγ, Iγ, σ. ^{66,68}Fe, ^{64}Cr; deduced levels, J, π. ^{9}Be(^{76}Ge, X)^{63}Fe / ^{64}Fe / ^{65}Fe / ^{66}Fe / ^{68}Ni / ^{69}Cu, E=130 MeV / nucleon;measured yields. JOUR PRVCA 77 054306
^{64}Fe	2008AD04	NUCLEAR REACTIONS ^{9}Be(^{67}Co, ^{66}Fe)X, E=84.3 MeV / nucleon; ^{9}Be(^{68}Ni, ^{66}Fe)X, E=74.7 MeV / nucleon; ^{9}Be(^{69}Co, ^{68}Fe)X, E=77.8 MeV / nucleon; ^{9}Be(^{66}Fe, ^{64}Cr)X, E=73.5 MeV / nucleon; measured Eγ, Iγ, σ. ^{66,68}Fe, ^{64}Cr; deduced levels, J, π. ^{9}Be(^{76}Ge, X)^{63}Fe / ^{64}Fe / ^{65}Fe / ^{66}Fe / ^{68}Ni / ^{69}Cu, E=130 MeV / nucleon;measured yields. JOUR PRVCA 77 054306
	2008BL05	ATOMIC MASSES ^{63,64,65}Fe, ^{64,65,66}Co; measured and evaluated masses using Penning trap mass spectrometer, isotopes produced by projectile fragmentation with LEBIT at NSCL. ^{65m}Fe; deduced level energy, $T_{1/2}$ for isomeric state. JOUR PRLTA 100 132501
^{64}Co	2008BL05	ATOMIC MASSES ^{63,64,65}Fe, ^{64,65,66}Co; measured and evaluated masses using Penning trap mass spectrometer, isotopes produced by projectile fragmentation with LEBIT at NSCL. ^{65m}Fe; deduced level energy, $T_{1/2}$ for isomeric state. JOUR PRLTA 100 132501
^{64}Ga	2008YA08	NUCLEAR REACTIONS C(^{72}Kr, X), (^{76}Kr, X), (^{80}Kr, X), E=1.05 GeV / nucleon; measured interaction cross sections, effective matter radii. ^{63,64,65,66,67,68}Ga, ^{65,66,67,68,69,70}Ge, ^{67,68,69,70,71,72}As, ^{69,70,71,72,73}Se, ^{72,73,74,75}Br, ^{73,74,75,77,78,79,81,82,83,84,85,86,87,88,89,90}Kr; systematics. Comparison with Skyrme-Hartree-Fock-Bogoliubov calculations. JOUR PRVCA 77 034315

A=65

^{65}Fe	2008AD04	NUCLEAR REACTIONS ^{9}Be(^{67}Co, ^{66}Fe)X, E=84.3 MeV / nucleon; ^{9}Be(^{68}Ni, ^{66}Fe)X, E=74.7 MeV / nucleon; ^{9}Be(^{69}Co, ^{68}Fe)X, E=77.8 MeV / nucleon; ^{9}Be(^{66}Fe, ^{64}Cr)X, E=73.5 MeV / nucleon; measured Eγ, Iγ, σ. ^{66,68}Fe, ^{64}Cr; deduced levels, J, π. ^{9}Be(^{76}Ge, X)^{63}Fe / ^{64}Fe / ^{65}Fe / ^{66}Fe / ^{68}Ni / ^{69}Cu, E=130 MeV / nucleon;measured yields. JOUR PRVCA 77 054306
	2008BL05	ATOMIC MASSES ^{63,64,65}Fe, ^{64,65,66}Co; measured and evaluated masses using Penning trap mass spectrometer, isotopes produced by projectile fragmentation with LEBIT at NSCL. ^{65m}Fe; deduced level energy, $T_{1/2}$ for isomeric state. JOUR PRLTA 100 132501
^{65}Co	2008BL05	ATOMIC MASSES ^{63,64,65}Fe, ^{64,65,66}Co; measured and evaluated masses using Penning trap mass spectrometer, isotopes produced by projectile fragmentation with LEBIT at NSCL. ^{65m}Fe; deduced level energy, $T_{1/2}$ for isomeric state. JOUR PRLTA 100 132501

A=65 *(continued)*

^{65}Ga	2008AG06	NUCLEAR REACTIONS ^{59}Co(^{12}C, 3np), (^{12}C, 2n2p), (^{12}C, nα), (^{12}C, 2nα), (^{12}C, 3npα), (^{12}C, 2n2α), E=60, 65, 70, 75, 80 MeV; measured Eγ, Iγ, excitation functions, cross sections, forward recoil range distributions of evaporation residues. Comparisons with calculations using ALICE-91 and CASCADE codes. JOUR IMPEE 17 393
	2008SK03	NUCLEAR REACTIONS ^{64,66}Zn(p, γ), E=1.0-2.8 MeV; measured Eγ, Iγ, excitation functions; deduced S-factors. Compared results to model calculations. JOUR BRSPE 72 376
	2008YA08	NUCLEAR REACTIONS C(^{72}Kr, X), (^{76}Kr, X), (^{80}Kr, X), E=1.05 GeV / nucleon; measured interaction cross sections, effective matter radii. ^{63,64,65,66,67,68}Ga, ^{65,66,67,68,69,70}Ge, ^{67,68,69,70,71,72}As, ^{69,70,71,72,73}Se, ^{72,73,74,75}Br, ^{73,74,75,77,78,79,81,82,83,84,85,86,87,88,89,90}Kr; systematics. Comparison with Skyrme-Hartree-Fock-Bogoliubov calculations. JOUR PRVCA 77 034315
^{65}Ge	2008YA08	NUCLEAR REACTIONS C(^{72}Kr, X), (^{76}Kr, X), (^{80}Kr, X), E=1.05 GeV / nucleon; measured interaction cross sections, effective matter radii. ^{63,64,65,66,67,68}Ga, ^{65,66,67,68,69,70}Ge, ^{67,68,69,70,71,72}As, ^{69,70,71,72,73}Se, ^{72,73,74,75}Br, ^{73,74,75,77,78,79,81,82,83,84,85,86,87,88,89,90}Kr; systematics. Comparison with Skyrme-Hartree-Fock-Bogoliubov calculations. JOUR PRVCA 77 034315

A=66

^{66}Fe	2008AD04	NUCLEAR REACTIONS ^{9}Be(^{67}Co, ^{66}Fe)X, E=84.3 MeV / nucleon; ^{9}Be(^{68}Ni, ^{66}Fe)X, E=74.7 MeV / nucleon; ^{9}Be(^{69}Co, ^{68}Fe)X, E=77.8 MeV / nucleon; ^{9}Be(^{66}Fe, ^{64}Cr)X, E=73.5 MeV / nucleon; measured Eγ, Iγ, σ. ^{66,68}Fe, ^{64}Cr; deduced levels, J, π. ^{9}Be(^{76}Ge, X)^{63}Fe / ^{64}Fe / ^{65}Fe / ^{66}Fe / ^{68}Ni / ^{69}Cu, E=130 MeV / nucleon;measured yields. JOUR PRVCA 77 054306
^{66}Co	2008BL05	ATOMIC MASSES ^{63,64,65}Fe, ^{64,65,66}Co; measured and evaluated masses using Penning trap mass spectrometer, isotopes produced by projectile fragmentation with LEBIT at NSCL. ^{65m}Fe; deduced level energy, $T_{1/2}$ for isomeric state. JOUR PRLTA 100 132501
^{66}Ga	2008AG06	NUCLEAR REACTIONS ^{59}Co(^{12}C, 3np), (^{12}C, 2n2p), (^{12}C, nα), (^{12}C, 2nα), (^{12}C, 3npα), (^{12}C, 2n2α), E=60, 65, 70, 75, 80 MeV; measured Eγ, Iγ, excitation functions, cross sections, forward recoil range distributions of evaporation residues. Comparisons with calculations using ALICE-91 and CASCADE codes. JOUR IMPEE 17 393
	2008YA08	NUCLEAR REACTIONS C(^{72}Kr, X), (^{76}Kr, X), (^{80}Kr, X), E=1.05 GeV / nucleon; measured interaction cross sections, effective matter radii. ^{63,64,65,66,67,68}Ga, ^{65,66,67,68,69,70}Ge, ^{67,68,69,70,71,72}As, ^{69,70,71,72,73}Se, ^{72,73,74,75}Br, ^{73,74,75,77,78,79,81,82,83,84,85,86,87,88,89,90}Kr; systematics. Comparison with Skyrme-Hartree-Fock-Bogoliubov calculations. JOUR PRVCA 77 034315

A=66 *(continued)*

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

A=67

^{67}Ga	2008AG06	NUCLEAR REACTIONS ^{59}Co(^{12}C, 3np), (^{12}C, 2n2p), (^{12}C, nα), (^{12}C, 2nα), (^{12}C, 3npα), (^{12}C, 2n2α), E=60, 65, 70, 75, 80 MeV; measured Eγ, Iγ, excitation functions, cross sections, forward recoil range distributions of evaporation residues. Comparisons with calculations using ALICE-91 and CASCADE codes. JOUR IMPEE 17 393
	2008SK03	NUCLEAR REACTIONS ^{64,66}Zn(p, γ), E=1.0-2.8 MeV; measured Eγ, Iγ, excitation functions; deduced S-factors. Compared results to model calculations. JOUR BRSPE 72 376
	2008YA08	NUCLEAR REACTIONS C(^{72}Kr, X), (^{76}Kr, X), (^{80}Kr, X), E=1.05 GeV / nucleon; measured interaction cross sections, effective matter radii. ^{63,64,65,66,67,68}Ga, ^{65,66,67,68,69,70}Ge, ^{67,68,69,70,71,72}As, ^{69,70,71,72,73}Se, ^{72,73,74,75}Br, ^{73,74,75,77,78,79,81,82,83,84,85,86,87,88,89,90}Kr; systematics. Comparison with Skyrme-Hartree-Fock-Bogoliubov calculations. JOUR PRVCA 77 034315
^{67}Ge	2008AG06	NUCLEAR REACTIONS ^{59}Co(^{12}C, 3np), (^{12}C, 2n2p), (^{12}C, nα), (^{12}C, 2nα), (^{12}C, 3npα), (^{12}C, 2n2α), E=60, 65, 70, 75, 80 MeV; measured Eγ, Iγ, excitation functions, cross sections, forward recoil range distributions of evaporation residues. Comparisons with calculations using ALICE-91 and CASCADE codes. JOUR IMPEE 17 393
	2008YA08	NUCLEAR REACTIONS C(^{72}Kr, X), (^{76}Kr, X), (^{80}Kr, X), E=1.05 GeV / nucleon; measured interaction cross sections, effective matter radii. ^{63,64,65,66,67,68}Ga, ^{65,66,67,68,69,70}Ge, ^{67,68,69,70,71,72}As, ^{69,70,71,72,73}Se, ^{72,73,74,75}Br, ^{73,74,75,77,78,79,81,82,83,84,85,86,87,88,89,90}Kr; systematics. Comparison with Skyrme-Hartree-Fock-Bogoliubov calculations. JOUR PRVCA 77 034315
^{67}As	2007ORZZ	NUCLEAR REACTIONS ^{40}Ca(^{32}S, nα)^{67}Se, ^{40}Ca(^{32}S, pα)^{67}As, E=90 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{67}Se; deduced levels, $T_{1/2}$. ^{67}As; deduced levels, $T_{1/2}$, mirror B(E1) strength. CONF Lisbon (PROCON 2007),Proc.P190,Orlandi

A=67 *(continued)*

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

A=68

^{68}Fe	2008AD04	NUCLEAR REACTIONS ^{9}Be(^{67}Co, ^{66}Fe)X, E=84.3 MeV / nucleon; ^{9}Be(^{68}Ni, ^{66}Fe)X, E=74.7 MeV / nucleon; ^{9}Be(^{69}Co, ^{68}Fe)X, E=77.8 MeV / nucleon; ^{9}Be(^{66}Fe, ^{64}Cr)X, E=73.5 MeV / nucleon; measured Eγ, Iγ, σ. ^{66,68}Fe, ^{64}Cr; deduced levels, J, π. ^{9}Be(^{76}Ge, X)^{63}Fe / ^{64}Fe / ^{65}Fe / ^{66}Fe / ^{68}Ni / ^{69}Cu, E=130 MeV / nucleon;measured yields. JOUR PRVCA 77 054306
^{68}Ni	2008AD04	NUCLEAR REACTIONS ^{9}Be(^{67}Co, ^{66}Fe)X, E=84.3 MeV / nucleon; ^{9}Be(^{68}Ni, ^{66}Fe)X, E=74.7 MeV / nucleon; ^{9}Be(^{69}Co, ^{68}Fe)X, E=77.8 MeV / nucleon; ^{9}Be(^{66}Fe, ^{64}Cr)X, E=73.5 MeV / nucleon; measured Eγ, Iγ, σ. ^{66,68}Fe, ^{64}Cr; deduced levels, J, π. ^{9}Be(^{76}Ge, X)^{63}Fe / ^{64}Fe / ^{65}Fe / ^{66}Fe / ^{68}Ni / ^{69}Cu, E=130 MeV / nucleon;measured yields. JOUR PRVCA 77 054306
^{68}Ga	2008YA08	NUCLEAR REACTIONS C(^{72}Kr, X), (^{76}Kr, X), (^{80}Kr, X), E=1.05 GeV / nucleon; measured interaction cross sections, effective matter radii. ^{63,64,65,66,67,68}Ga, ^{65,66,67,68,69,70}Ge, ^{67,68,69,70,71,72}As, ^{69,70,71,72,73}Se, ^{72,73,74,75}Br, ^{73,74,75,77,78,79,81,82,83,84,85,86,87,88,89,90}Kr; systematics. Comparison with Skyrme-Hartree-Fock-Bogoliubov calculations. JOUR PRVCA 77 034315
^{68}Ge	2008YA08	NUCLEAR REACTIONS C(^{72}Kr, X), (^{76}Kr, X), (^{80}Kr, X), E=1.05 GeV / nucleon; measured interaction cross sections, effective matter radii. ^{63,64,65,66,67,68}Ga, ^{65,66,67,68,69,70}Ge, ^{67,68,69,70,71,72}As, ^{69,70,71,72,73}Se, ^{72,73,74,75}Br, ^{73,74,75,77,78,79,81,82,83,84,85,86,87,88,89,90}Kr; systematics. Comparison with Skyrme-Hartree-Fock-Bogoliubov calculations. JOUR PRVCA 77 034315
^{68}As	2008YA08	NUCLEAR REACTIONS C(^{72}Kr, X), (^{76}Kr, X), (^{80}Kr, X), E=1.05 GeV / nucleon; measured interaction cross sections, effective matter radii. ^{63,64,65,66,67,68}Ga, ^{65,66,67,68,69,70}Ge, ^{67,68,69,70,71,72}As, ^{69,70,71,72,73}Se, ^{72,73,74,75}Br, ^{73,74,75,77,78,79,81,82,83,84,85,86,87,88,89,90}Kr; systematics. Comparison with Skyrme-Hartree-Fock-Bogoliubov calculations. JOUR PRVCA 77 034315

A=69

^{69}Cu	2008AD04	NUCLEAR REACTIONS ^{9}Be(^{67}Co, ^{66}Fe)X, E=84.3 MeV / nucleon; ^{9}Be(^{68}Ni, ^{66}Fe)X, E=74.7 MeV / nucleon; ^{9}Be(^{69}Co, ^{68}Fe)X, E=77.8 MeV / nucleon; ^{9}Be(^{66}Fe, ^{64}Cr)X, E=73.5 MeV / nucleon; measured Eγ, Iγ, σ. ^{66,68}Fe, ^{64}Cr; deduced levels, J, π. ^{9}Be(^{76}Ge, X)^{63}Fe / ^{64}Fe / ^{65}Fe / ^{66}Fe / ^{68}Ni / ^{69}Cu, E=130 MeV / nucleon;measured yields. JOUR PRVCA 77 054306
^{69}Ge	2008YA08	NUCLEAR REACTIONS C(^{72}Kr, X), (^{76}Kr, X), (^{80}Kr, X), E=1.05 GeV / nucleon; measured interaction cross sections, effective matter radii. ^{63,64,65,66,67,68}Ga, ^{65,66,67,68,69,70}Ge, ^{67,68,69,70,71,72}As, ^{69,70,71,72,73}Se, ^{72,73,74,75}Br, ^{73,74,75,77,78,79,81,82,83,84,85,86,87,88,89,90}Kr; systematics. Comparison with Skyrme-Hartree-Fock-Bogoliubov calculations. JOUR PRVCA 77 034315
^{69}As	2008YA08	NUCLEAR REACTIONS C(^{72}Kr, X), (^{76}Kr, X), (^{80}Kr, X), E=1.05 GeV / nucleon; measured interaction cross sections, effective matter radii. ^{63,64,65,66,67,68}Ga, ^{65,66,67,68,69,70}Ge, ^{67,68,69,70,71,72}As, ^{69,70,71,72,73}Se, ^{72,73,74,75}Br, ^{73,74,75,77,78,79,81,82,83,84,85,86,87,88,89,90}Kr; systematics. Comparison with Skyrme-Hartree-Fock-Bogoliubov calculations. JOUR PRVCA 77 034315
^{69}Se	2008YA08	NUCLEAR REACTIONS C(^{72}Kr, X), (^{76}Kr, X), (^{80}Kr, X), E=1.05 GeV / nucleon; measured interaction cross sections, effective matter radii. ^{63,64,65,66,67,68}Ga, ^{65,66,67,68,69,70}Ge, ^{67,68,69,70,71,72}As, ^{69,70,71,72,73}Se, ^{72,73,74,75}Br, ^{73,74,75,77,78,79,81,82,83,84,85,86,87,88,89,90}Kr; systematics. Comparison with Skyrme-Hartree-Fock-Bogoliubov calculations. JOUR PRVCA 77 034315

A=70

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

A=70 *(continued)*

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

A=71

^{71}As	2008KI04	NUCLEAR REACTIONS ^{70}Ge(p, γ), E=1.6-4.4 MeV; ^{76}Ge(p, n), E=1.6-4.4 MeV; measured Eγ, Iγ, cross sections. JOUR JPGPE 35 014032
	2008YA08	NUCLEAR REACTIONS C(^{72}Kr, X), (^{76}Kr, X), (^{80}Kr, X), E=1.05 GeV / nucleon; measured interaction cross sections, effective matter radii. ^{63,64,65,66,67,68}Ga, ^{65,66,67,68,69,70}Ge, ^{67,68,69,70,71,72}As, ^{69,70,71,72,73}Se, ^{72,73,74,75}Br, ^{73,74,75,77,78,79,81,82,83,84,85,86,87,88,89,90}Kr; systematics. Comparison with Skyrme-Hartree-Fock-Bogoliubov calculations. JOUR PRVCA 77 034315
^{71}Se	2008YA08	NUCLEAR REACTIONS C(^{72}Kr, X), (^{76}Kr, X), (^{80}Kr, X), E=1.05 GeV / nucleon; measured interaction cross sections, effective matter radii. ^{63,64,65,66,67,68}Ga, ^{65,66,67,68,69,70}Ge, ^{67,68,69,70,71,72}As, ^{69,70,71,72,73}Se, ^{72,73,74,75}Br, ^{73,74,75,77,78,79,81,82,83,84,85,86,87,88,89,90}Kr; systematics. Comparison with Skyrme-Hartree-Fock-Bogoliubov calculations. JOUR PRVCA 77 034315

A=72

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

A=73

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

A=74

^{74}As	2008GU04	NUCLEAR REACTIONS ^{75}As(^{16}O, X)^{74}As / ^{76}Br / ^{77}Br / ^{81}Rb / ^{82m}Rb / ^{85}Y / ^{85m}Y / ^{87}Y / ^{86}Zr, E=83.1-111.0 MeV; measured Eγ, Iγ, cross sections, forward recoil range distributions of evaporation residues, complete and incomplete fusion yields. Comparisons with calculations using ALICE-91 code. JOUR IMPEE 17 407
^{74}Br	2008SI09	NUCLEAR REACTIONS ^{159}Tb(^{16}O, X), E=5.6 MeV / nucleon; measured Eγ, Iγ. ^{77}Kr, ^{84m}Y, ^{80}Sr, ^{75}Br, ^{104}Tc, ^{83}Y, ^{85}Y, ^{87m}Y, ^{81}Sr, ^{83}Sr, ^{85m}Sr, ^{74m}Br, ^{83}Kr, ^{88}Kr, ^{94}Ru, ^{102}Ag, ^{95}Ru, ^{79}Rb, ^{87}Zr, ^{110}In, ^{78}As, ^{112}Ag; deduced σ of fission like events after complete and / or incomplete fusion. Recoil-catcher technique, γ-spectroscopy. JOUR IMPEE 17 549
	2008YA08	NUCLEAR REACTIONS C(^{72}Kr, X), (^{76}Kr, X), (^{80}Kr, X), E=1.05 GeV / nucleon; measured interaction cross sections, effective matter radii. ^{63,64,65,66,67,68}Ga, ^{65,66,67,68,69,70}Ge, ^{67,68,69,70,71,72}As, ^{69,70,71,72,73}Se, ^{72,73,74,75}Br, ^{73,74,75,77,78,79,81,82,83,84,85,86,87,88,89,90}Kr; systematics. Comparison with Skyrme-Hartree-Fock-Bogoliubov calculations. JOUR PRVCA 77 034315
^{74}Kr	2008YA08	NUCLEAR REACTIONS C(^{72}Kr, X), (^{76}Kr, X), (^{80}Kr, X), E=1.05 GeV / nucleon; measured interaction cross sections, effective matter radii. ^{63,64,65,66,67,68}Ga, ^{65,66,67,68,69,70}Ge, ^{67,68,69,70,71,72}As, ^{69,70,71,72,73}Se, ^{72,73,74,75}Br, ^{73,74,75,77,78,79,81,82,83,84,85,86,87,88,89,90}Kr; systematics. Comparison with Skyrme-Hartree-Fock-Bogoliubov calculations. JOUR PRVCA 77 034315

A=74 *(continued)*

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

A=75

^{75}Br	2008SI09	NUCLEAR REACTIONS ^{159}Tb(^{16}O, X), E=5.6 MeV / nucleon; measured Eγ, Iγ. ^{77}Kr, ^{84m}Y, ^{80}Sr, ^{75}Br, ^{104}Tc, ^{83}Y, ^{85}Y, ^{87m}Y, ^{81}Sr, ^{83}Sr, ^{85m}Sr, ^{74m}Br, ^{83}Kr, ^{88}Kr, ^{94}Ru, ^{102}Ag, ^{95}Ru, ^{79}Rb, ^{87}Zr, ^{110}In, ^{78}As, ^{112}Ag; deduced σ of fission like events after complete and / or incomplete fusion. Recoil-catcher technique, γ-spectroscopy. JOUR IMPEE 17 549
	2008YA08	NUCLEAR REACTIONS C(^{72}Kr, X), (^{76}Kr, X), (^{80}Kr, X), E=1.05 GeV / nucleon; measured interaction cross sections, effective matter radii. ^{63,64,65,66,67,68}Ga, ^{65,66,67,68,69,70}Ge, ^{67,68,69,70,71,72}As, ^{69,70,71,72,73}Se, ^{72,73,74,75}Br, ^{73,74,75,77,78,79,81,82,83,84,85,86,87,88,89,90}Kr; systematics. Comparison with Skyrme-Hartree-Fock-Bogoliubov calculations. JOUR PRVCA 77 034315
^{75}Kr	2008YA08	NUCLEAR REACTIONS C(^{72}Kr, X), (^{76}Kr, X), (^{80}Kr, X), E=1.05 GeV / nucleon; measured interaction cross sections, effective matter radii. ^{63,64,65,66,67,68}Ga, ^{65,66,67,68,69,70}Ge, ^{67,68,69,70,71,72}As, ^{69,70,71,72,73}Se, ^{72,73,74,75}Br, ^{73,74,75,77,78,79,81,82,83,84,85,86,87,88,89,90}Kr; systematics. Comparison with Skyrme-Hartree-Fock-Bogoliubov calculations. JOUR PRVCA 77 034315

A=76

^{76}Ge	2008ME06	RADIOACTIVITY ^{76}Ge(2β); measured Eγ, Iγ, assignment of γ rays to different impurities. JOUR PRVCA 77 054614
	2008RA09	RADIOACTIVITY ^{76}Ge, ^{100}Mo($2\beta^-$); measured Q values using Penning trap. JOUR PYLBB 662 111
^{76}As	2008KI04	NUCLEAR REACTIONS ^{70}Ge(p, γ), E=1.6-4.4 MeV; ^{76}Ge(p, n), E=1.6-4.4 MeV; measured Eγ, Iγ, cross sections. JOUR JPGPE 35 014032
^{76}Se	2007ZIZX	NUCLEAR REACTIONS ^{48}Ti, Se, ^{76}Se, Kr, ^{82}Kr, Cd, ^{106}Cd, Sm, ^{150}Sm(μ, ν), E not given; measured Eγ, Iγ, X-ray energies and intensities; deduced total and partial μ capture rates, yields of radioactive daughter nuclei. CONF Prague (MEDEX'07),Proc.P91,Zinatulina
	2008RA09	RADIOACTIVITY ^{76}Ge, ^{100}Mo($2\beta^-$); measured Q values using Penning trap. JOUR PYLBB 662 111

A=76 *(continued)*

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

A=77

^{77}Ge	2008MA08	NUCLEAR REACTIONS ^{76}Ge(n, γ), E=spectrum; measured Eγ, Iγ, capture cross sections. Comparisons to existing data. JOUR JPGPE 35 014022
^{77}Br	2008GU04	NUCLEAR REACTIONS ^{75}As(^{16}O, X)^{74}As / ^{76}Br / ^{77}Br / ^{81}Rb / ^{82m}Rb / ^{85}Y / ^{85m}Y / ^{87}Y / ^{86}Zr, E=83.1-111.0 MeV; measured Eγ, Iγ, cross sections, forward recoil range distributions of evaporation residues, complete and incomplete fusion yields. Comparisons with calculations using ALICE-91 code. JOUR IMPEE 17 407
^{77}Kr	2008SI09	NUCLEAR REACTIONS ^{159}Tb(^{16}O, X), E=5.6 MeV / nucleon; measured Eγ, Iγ. ^{77}Kr, ^{84m}Y, ^{80}Sr, ^{75}Br, ^{104}Tc, ^{83}Y, ^{85}Y, ^{87m}Y, ^{81}Sr, ^{83}Sr, ^{85m}Sr, ^{74m}Br, ^{83}Kr, ^{88}Kr, ^{94}Ru, ^{102}Ag, ^{95}Ru, ^{79}Rb, ^{87}Zr, ^{110}In, ^{78}As, ^{112}Ag; deduced σ of fission like events after complete and / or incomplete fusion. Recoil-catcher technique, γ-spectroscopy. JOUR IMPEE 17 549
	2008YA08	NUCLEAR REACTIONS C(^{72}Kr, X), (^{76}Kr, X), (^{80}Kr, X), E=1.05 GeV / nucleon; measured interaction cross sections, effective matter radii. ^{63,64,65,66,67,68}Ga, ^{65,66,67,68,69,70}Ge, ^{67,68,69,70,71,72}As, ^{69,70,71,72,73}Se, ^{72,73,74,75}Br, ^{73,74,75,77,78,79,81,82,83,84,85,86,87,88,89,90}Kr; systematics. Comparison with Skyrme-Hartree-Fock-Bogoliubov calculations. JOUR PRVCA 77 034315

A=78

^{78}Ge	2008SI09	NUCLEAR REACTIONS ^{169}Tm(^{16}O, X), E=5.9 MeV / nucleon; measured Eγ, Iγ. ^{107}In;^{66}Ge;^{88}Nb;^{95}Y;^{83}Se;^{99m}Tc;^{109}Sn;^{101}Tc;^{79}As;^{105}In;^{108m}Rh;^{95}Ru;^{92}Y;^{98m}Nb;^{87}Kr;^{92}Sr; deduced σ of fission like events after complete and / or incomplete fusion. Recoil-catcher technique, γ-spectroscopy. JOUR IMPEE 17 549
^{78}As	2008SI09	NUCLEAR REACTIONS ^{159}Tb(^{16}O, X), E=5.6 MeV / nucleon; measured Eγ, Iγ. ^{77}Kr, ^{84m}Y, ^{80}Sr, ^{75}Br, ^{104}Tc, ^{83}Y, ^{85}Y, ^{87m}Y, ^{81}Sr, ^{83}Sr, ^{85m}Sr, ^{74m}Br, ^{83}Kr, ^{88}Kr, ^{94}Ru, ^{102}Ag, ^{95}Ru, ^{79}Rb, ^{87}Zr, ^{110}In, ^{78}As, ^{112}Ag; deduced σ of fission like events after complete and / or incomplete fusion. Recoil-catcher technique, γ-spectroscopy. JOUR IMPEE 17 549

A=78 *(continued)*

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

A=79

^{79}As	2008SI09	NUCLEAR REACTIONS ^{169}Tm(^{16}O, X), E=5.9 MeV / nucleon; measured Eγ, Iγ. ^{107}In;^{66}Ge;^{88}Nb;^{95}Y;^{83}Se;^{99m}Tc;^{109}Sn;^{101}Tc;^{79}As;^{105}In;^{108m}Rh;^{95}Ru;^{92}Y;^{98m}Nb;^{87}Kr;^{92}Sr; deduced σ of fission like events after complete and / or incomplete fusion. Recoil-catcher technique, γ-spectroscopy. JOUR IMPEE 17 549
^{79}Kr	2008YA08	NUCLEAR REACTIONS C(^{72}Kr, X), (^{76}Kr, X), (^{80}Kr, X), E=1.05 GeV / nucleon; measured interaction cross sections, effective matter radii. ^{63,64,65,66,67,68}Ga, ^{65,66,67,68,69,70}Ge, ^{67,68,69,70,71,72}As, ^{69,70,71,72,73}Se, ^{72,73,74,75}Br, ^{73,74,75,77,78,79,81,82,83,84,85,86,87,88,89,90}Kr; systematics. Comparison with Skyrme-Hartree-Fock-Bogoliubov calculations. JOUR PRVCA 77 034315
^{79}Rb	2008SI09	NUCLEAR REACTIONS ^{159}Tb(^{16}O, X), E=5.6 MeV / nucleon; measured Eγ, Iγ. ^{77}Kr, ^{84m}Y, ^{80}Sr, ^{75}Br, ^{104}Tc, ^{83}Y, ^{85}Y, ^{87m}Y, ^{81}Sr, ^{83}Sr, ^{85m}Sr, ^{74m}Br, ^{83}Kr, ^{88}Kr, ^{94}Ru, ^{102}Ag, ^{95}Ru, ^{79}Rb, ^{87}Zr, ^{110}In, ^{78}As, ^{112}Ag; deduced σ of fission like events after complete and / or incomplete fusion. Recoil-catcher technique, γ-spectroscopy. JOUR IMPEE 17 549

A=80

^{80}Br	2008DU08	NUCLEAR REACTIONS ^{79,81}Br(n, γ), E not given; measured Eγ, Iγ, cross sections; deduced resonance integrals. JOUR NSENA 159 199
^{80}Sr	2008SI09	NUCLEAR REACTIONS ^{159}Tb(^{16}O, X), E=5.6 MeV / nucleon; measured Eγ, Iγ. ^{77}Kr, ^{84m}Y, ^{80}Sr, ^{75}Br, ^{104}Tc, ^{83}Y, ^{85}Y, ^{87m}Y, ^{81}Sr, ^{83}Sr, ^{85m}Sr, ^{74m}Br, ^{83}Kr, ^{88}Kr, ^{94}Ru, ^{102}Ag, ^{95}Ru, ^{79}Rb, ^{87}Zr, ^{110}In, ^{78}As, ^{112}Ag; deduced σ of fission like events after complete and / or incomplete fusion. Recoil-catcher technique, γ-spectroscopy. JOUR IMPEE 17 549

A=81

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

A=81 *(continued)*

^{81}Rb	2008GU04	NUCLEAR REACTIONS ^{75}As(^{16}O, X)^{74}As / ^{76}Br / ^{77}Br / ^{81}Rb / ^{82m}Rb / ^{85}Y / ^{85m}Y / ^{87}Y / ^{86}Zr, E=83.1-111.0 MeV; measured Eγ, Iγ, cross sections, forward recoil range distributions of evaporation residues, complete and incomplete fusion yields. Comparisons with calculations using ALICE-91 code. JOUR IMPEE 17 407
^{81}Sr	2008SI09	NUCLEAR REACTIONS ^{159}Tb(^{16}O, X), E=5.6 MeV / nucleon; measured Eγ, Iγ. ^{77}Kr, ^{84m}Y, ^{80}Sr, ^{75}Br, ^{104}Tc, ^{83}Y, ^{85}Y, ^{87m}Y, ^{81}Sr, ^{83}Sr, ^{85m}Sr, ^{74m}Br, ^{83}Kr, ^{88}Kr, ^{94}Ru, ^{102}Ag, ^{95}Ru, ^{79}Rb, ^{87}Zr, ^{110}In, ^{78}As, ^{112}Ag; deduced σ of fission like events after complete and / or incomplete fusion. Recoil-catcher technique, γ-spectroscopy. JOUR IMPEE 17 549

A=82

^{82}Br	2008DO08	NUCLEAR REACTIONS ^{79,81}Br(n, γ), E not given; measured Eγ, Iγ, cross sections; deduced resonance integrals. JOUR NSENA 159 199
^{82}Kr	2007ZIZX	NUCLEAR REACTIONS ^{48}Ti, Se, ^{76}Se, Kr, ^{82}Kr, Cd, ^{106}Cd, Sm, ^{150}Sm(μ, ν), E not given; measured Eγ, Iγ, X-ray energies and intensities; deduced total and partial μ capture rates, yields of radioactive daughter nuclei. CONF Prague (MEDEX'07),Proc.P91,Zinatulina
	2008YA08	NUCLEAR REACTIONS C(^{72}Kr, X), (^{76}Kr, X), (^{80}Kr, X), E=1.05 GeV / nucleon; measured interaction cross sections, effective matter radii. ^{63,64,65,66,67,68}Ga, ^{65,66,67,68,69,70}Ge, ^{67,68,69,70,71,72}As, ^{69,70,71,72,73}Se, ^{72,73,74,75}Br, ^{73,74,75,77,78,79,81,82,83,84,85,86,87,88,89,90}Kr; systematics. Comparison with Skyrme-Hartree-Fock-Bogoliubov calculations. JOUR PRVCA 77 034315
^{82}Rb	2008GU04	NUCLEAR REACTIONS ^{75}As(^{16}O, X)^{74}As / ^{76}Br / ^{77}Br / ^{81}Rb / ^{82m}Rb / ^{85}Y / ^{85m}Y / ^{87}Y / ^{86}Zr, E=83.1-111.0 MeV; measured Eγ, Iγ, cross sections, forward recoil range distributions of evaporation residues, complete and incomplete fusion yields. Comparisons with calculations using ALICE-91 code. JOUR IMPEE 17 407

A=83

^{83}Se	2008SI09	NUCLEAR REACTIONS ^{169}Tm(^{16}O, X), E=5.9 MeV / nucleon; measured Eγ, Iγ. ^{107}In;^{66}Ge;^{88}Nb;^{95}Y;^{83}Se;^{99m}Tc;^{109}Sn;^{101}Tc;^{79}As;^{105}In;^{108m}Rh;^{95}Ru;^{92}Y;^{98m}Nb;^{87}Kr;^{92}Sr; deduced σ of fission like events after complete and / or incomplete fusion. Recoil-catcher technique, γ-spectroscopy. JOUR IMPEE 17 549
^{83}Kr	2008SI09	NUCLEAR REACTIONS ^{159}Tb(^{16}O, X), E=5.6 MeV / nucleon; measured Eγ, Iγ. ^{77}Kr, ^{84m}Y, ^{80}Sr, ^{75}Br, ^{104}Tc, ^{83}Y, ^{85}Y, ^{87m}Y, ^{81}Sr, ^{83}Sr, ^{85m}Sr, ^{74m}Br, ^{83}Kr, ^{88}Kr, ^{94}Ru, ^{102}Ag, ^{95}Ru, ^{79}Rb, ^{87}Zr, ^{110}In, ^{78}As, ^{112}Ag; deduced σ of fission like events after complete and / or incomplete fusion. Recoil-catcher technique, γ-spectroscopy. JOUR IMPEE 17 549

A=83 *(continued)*

	2008YA08	NUCLEAR REACTIONS C(^{72}Kr, X), (^{76}Kr, X), (^{80}Kr, X), E=1.05 GeV / nucleon; measured interaction cross sections, effective matter radii. ^{63,64,65,66,67,68}Ga, ^{65,66,67,68,69,70}Ge, ^{67,68,69,70,71,72}As, ^{69,70,71,72,73}Se, ^{72,73,74,75}Br, ^{73,74,75,77,78,79,81,82,83,84,85,86,87,88,89,90}Kr; systematics. Comparison with Skyrme-Hartree-Fock-Bogoliubov calculations. JOUR PRVCA 77 034315
^{83}Sr	2008SI09	NUCLEAR REACTIONS ^{159}Tb(^{16}O, X), E=5.6 MeV / nucleon; measured Eγ, Iγ. ^{77}Kr, ^{84m}Y, ^{80}Sr, ^{75}Br, ^{104}Tc, ^{83}Y, ^{85}Y, ^{87m}Y, ^{81}Sr, ^{83}Sr, ^{85m}Sr, ^{74m}Br, ^{83}Kr, ^{88}Kr, ^{94}Ru, ^{102}Ag, ^{95}Ru, ^{79}Rb, ^{87}Zr, ^{110}In, ^{78}As, ^{112}Ag; deduced σ of fission like events after complete and / or incomplete fusion. Recoil-catcher technique, γ-spectroscopy. JOUR IMPEE 17 549
^{83}Y	2008SI09	NUCLEAR REACTIONS ^{159}Tb(^{16}O, X), E=5.6 MeV / nucleon; measured Eγ, Iγ. ^{77}Kr, ^{84m}Y, ^{80}Sr, ^{75}Br, ^{104}Tc, ^{83}Y, ^{85}Y, ^{87m}Y, ^{81}Sr, ^{83}Sr, ^{85m}Sr, ^{74m}Br, ^{83}Kr, ^{88}Kr, ^{94}Ru, ^{102}Ag, ^{95}Ru, ^{79}Rb, ^{87}Zr, ^{110}In, ^{78}As, ^{112}Ag; deduced σ of fission like events after complete and / or incomplete fusion. Recoil-catcher technique, γ-spectroscopy. JOUR IMPEE 17 549

A=84

^{84}Kr	2008YA08	NUCLEAR REACTIONS C(^{72}Kr, X), (^{76}Kr, X), (^{80}Kr, X), E=1.05 GeV / nucleon; measured interaction cross sections, effective matter radii. ^{63,64,65,66,67,68}Ga, ^{65,66,67,68,69,70}Ge, ^{67,68,69,70,71,72}As, ^{69,70,71,72,73}Se, ^{72,73,74,75}Br, ^{73,74,75,77,78,79,81,82,83,84,85,86,87,88,89,90}Kr; systematics. Comparison with Skyrme-Hartree-Fock-Bogoliubov calculations. JOUR PRVCA 77 034315
^{84}Y	2008SI09	NUCLEAR REACTIONS ^{159}Tb(^{16}O, X), E=5.6 MeV / nucleon; measured Eγ, Iγ. ^{77}Kr, ^{84m}Y, ^{80}Sr, ^{75}Br, ^{104}Tc, ^{83}Y, ^{85}Y, ^{87m}Y, ^{81}Sr, ^{83}Sr, ^{85m}Sr, ^{74m}Br, ^{83}Kr, ^{88}Kr, ^{94}Ru, ^{102}Ag, ^{95}Ru, ^{79}Rb, ^{87}Zr, ^{110}In, ^{78}As, ^{112}Ag; deduced σ of fission like events after complete and / or incomplete fusion. Recoil-catcher technique, γ-spectroscopy. JOUR IMPEE 17 549

A=85

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

A=85 *(continued)*

^{85}Sr	2008SI09	NUCLEAR REACTIONS ^{159}Tb(^{16}O, X), E=5.6 MeV / nucleon; measured Eγ, Iγ. ^{77}Kr, ^{84m}Y, ^{80}Sr, ^{75}Br, ^{104}Tc, ^{83}Y, ^{85}Y, ^{87m}Y, ^{81}Sr, ^{83}Sr, ^{85m}Sr, ^{74m}Br, ^{83}Kr, ^{88}Kr, ^{94}Ru, ^{102}Ag, ^{95}Ru, ^{79}Rb, ^{87}Zr, ^{110}In, ^{78}As, ^{112}Ag; deduced σ of fission like events after complete and / or incomplete fusion. Recoil-catcher technique, γ-spectroscopy. JOUR IMPEE 17 549
^{85}Y	2008GU04	NUCLEAR REACTIONS ^{75}As(^{16}O, X)^{74}As / ^{76}Br / ^{77}Br / ^{81}Rb / ^{82m}Rb / ^{85}Y / ^{85m}Y / ^{87}Y / ^{86}Zr, E=83.1-111.0 MeV; measured Eγ, Iγ, cross sections, forward recoil range distributions of evaporation residues, complete and incomplete fusion yields. Comparisons with calculations using ALICE-91 code. JOUR IMPEE 17 407
	2008SI09	NUCLEAR REACTIONS ^{159}Tb(^{16}O, X), E=5.6 MeV / nucleon; measured Eγ, Iγ. ^{77}Kr, ^{84m}Y, ^{80}Sr, ^{75}Br, ^{104}Tc, ^{83}Y, ^{85}Y, ^{87m}Y, ^{81}Sr, ^{83}Sr, ^{85m}Sr, ^{74m}Br, ^{83}Kr, ^{88}Kr, ^{94}Ru, ^{102}Ag, ^{95}Ru, ^{79}Rb, ^{87}Zr, ^{110}In, ^{78}As, ^{112}Ag; deduced σ of fission like events after complete and / or incomplete fusion. Recoil-catcher technique, γ-spectroscopy. JOUR IMPEE 17 549

A=86

^{86}Kr	2008YA08	NUCLEAR REACTIONS C(^{72}Kr, X), (^{76}Kr, X), (^{80}Kr, X), E=1.05 GeV / nucleon; measured interaction cross sections, effective matter radii. ^{63,64,65,66,67,68}Ga, ^{65,66,67,68,69,70}Ge, ^{67,68,69,70,71,72}As, ^{69,70,71,72,73}Se, ^{72,73,74,75}Br, ^{73,74,75,77,78,79,81,82,83,84,85,86,87,88,89,90}Kr; systematics. Comparison with Skyrme-Hartree-Fock-Bogoliubov calculations. JOUR PRVCA 77 034315
^{86}Zr	2008GU04	NUCLEAR REACTIONS ^{75}As(^{16}O, X)^{74}As / ^{76}Br / ^{77}Br / ^{81}Rb / ^{82m}Rb / ^{85}Y / ^{85m}Y / ^{87}Y / ^{86}Zr, E=83.1-111.0 MeV; measured Eγ, Iγ, cross sections, forward recoil range distributions of evaporation residues, complete and incomplete fusion yields. Comparisons with calculations using ALICE-91 code. JOUR IMPEE 17 407

A=87

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

A=87 *(continued)*

^{87}Y	2008GU04	NUCLEAR REACTIONS ^{75}As(^{16}O, X)^{74}As / ^{76}Br / ^{77}Br / ^{81}Rb / ^{82m}Rb / ^{85}Y / ^{85m}Y / ^{87}Y / ^{86}Zr, E=83.1-111.0 MeV; measured Eγ, Iγ, cross sections, forward recoil range distributions of evaporation residues, complete and incomplete fusion yields. Comparisons with calculations using ALICE-91 code. JOUR IMPEE 17 407
	2008SI09	NUCLEAR REACTIONS ^{159}Tb(^{16}O, X), E=5.6 MeV / nucleon; measured Eγ, Iγ. ^{77}Kr, ^{84m}Y, ^{80}Sr, ^{75}Br, ^{104}Tc, ^{83}Y, ^{85}Y, ^{87m}Y, ^{81}Sr, ^{83}Sr, ^{85m}Sr, ^{74m}Br, ^{83}Kr, ^{88}Kr, ^{94}Ru, ^{102}Ag, ^{95}Ru, ^{79}Rb, ^{87}Zr, ^{110}In, ^{78}As, ^{112}Ag; deduced σ of fission like events after complete and / or incomplete fusion. Recoil-catcher technique, γ-spectroscopy. JOUR IMPEE 17 549
^{87}Zr	2008SI09	NUCLEAR REACTIONS ^{159}Tb(^{16}O, X), E=5.6 MeV / nucleon; measured Eγ, Iγ. ^{77}Kr, ^{84m}Y, ^{80}Sr, ^{75}Br, ^{104}Tc, ^{83}Y, ^{85}Y, ^{87m}Y, ^{81}Sr, ^{83}Sr, ^{85m}Sr, ^{74m}Br, ^{83}Kr, ^{88}Kr, ^{94}Ru, ^{102}Ag, ^{95}Ru, ^{79}Rb, ^{87}Zr, ^{110}In, ^{78}As, ^{112}Ag; deduced σ of fission like events after complete and / or incomplete fusion. Recoil-catcher technique, γ-spectroscopy. JOUR IMPEE 17 549

A=88

^{88}Kr	2008SI09	NUCLEAR REACTIONS ^{159}Tb(^{16}O, X), E=5.6 MeV / nucleon; measured Eγ, Iγ. ^{77}Kr, ^{84m}Y, ^{80}Sr, ^{75}Br, ^{104}Tc, ^{83}Y, ^{85}Y, ^{87m}Y, ^{81}Sr, ^{83}Sr, ^{85m}Sr, ^{74m}Br, ^{83}Kr, ^{88}Kr, ^{94}Ru, ^{102}Ag, ^{95}Ru, ^{79}Rb, ^{87}Zr, ^{110}In, ^{78}As, ^{112}Ag; deduced σ of fission like events after complete and / or incomplete fusion. Recoil-catcher technique, γ-spectroscopy. JOUR IMPEE 17 549
	2008YA08	NUCLEAR REACTIONS C(^{72}Kr, X), (^{76}Kr, X), (^{80}Kr, X), E=1.05 GeV / nucleon; measured interaction cross sections, effective matter radii. ^{63,64,65,66,67,68}Ga, ^{65,66,67,68,69,70}Ge, ^{67,68,69,70,71,72}As, ^{69,70,71,72,73}Se, ^{72,73,74,75}Br, ^{73,74,75,77,78,79,81,82,83,84,85,86,87,88,89,90}Kr; systematics. Comparison with Skyrme-Hartree-Fock-Bogoliubov calculations. JOUR PRVCA 77 034315
^{88}Zr	2008NA05	NUCLEAR REACTIONS ^{92}Mo(γ, p), (γ, n), (γ, α), E not given; ^{144}Sm(γ, n), (γ, α), E not given; measured Eγ, Iγ, activation yields. Comparison with model calculations. JOUR JPGPE 35 014036
^{88}Nb	2008SI09	NUCLEAR REACTIONS ^{169}Tm(^{16}O, X), E=5.9 MeV / nucleon; measured Eγ, Iγ. ^{107}In;^{66}Ge;^{88}Nb;^{95}Y;^{83}Se;^{99m}Tc;^{109}Sn;^{101}Tc;^{79}As;^{105}In;^{108m}Rh;^{95}Ru;^{92}Y;^{98m}Nb;^{87}Kr;^{92}Sr; deduced σ of fission like events after complete and / or incomplete fusion. Recoil-catcher technique, γ-spectroscopy. JOUR IMPEE 17 549

A=89

^{89}Kr	2008YA08	NUCLEAR REACTIONS C(^{72}Kr, X), (^{76}Kr, X), (^{80}Kr, X), E=1.05 GeV / nucleon; measured interaction cross sections, effective matter radii. ^{63,64,65,66,67,68}Ga, ^{65,66,67,68,69,70}Ge, ^{67,68,69,70,71,72}As, ^{69,70,71,72,73}Se, ^{72,73,74,75}Br, ^{73,74,75,77,78,79,81,82,83,84,85,86,87,88,89,90}Kr; systematics. Comparison with Skyrme-Hartree-Fock-Bogoliubov calculations. JOUR PRVCA 77 034315
^{89}Y	2008KI06	NUCLEAR REACTIONS ^{89}Y(α, α), E(cm)=15.5, 18.6 MeV; measured Eα, Iα, $\sigma(\theta)$. JOUR JPGPE 35 014037
^{89}Tc	2007HEZV	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm, ^{113}Xe, ^{111,112,113}I, ^{109,110,111,112}Te, ^{107,109,111}Sb, ^{105,106}Sn, ^{102,103,104,105}In, ^{101,102,103,104}Cd, ^{99,101,103}Ag, ^{89,90,91,92,93,94}Tc, ^{90,91,92,94,96}Ru, ^{92,93,95,96,97,98}Rh; measured masses. SHIPTRAP penning trap spectrometer. CONF Lisbon (PROCON 2007),Proc.P319,Herfurth

A=90

^{90}Kr	2008YA08	NUCLEAR REACTIONS C(^{72}Kr, X), (^{76}Kr, X), (^{80}Kr, X), E=1.05 GeV / nucleon; measured interaction cross sections, effective matter radii. ^{63,64,65,66,67,68}Ga, ^{65,66,67,68,69,70}Ge, ^{67,68,69,70,71,72}As, ^{69,70,71,72,73}Se, ^{72,73,74,75}Br, ^{73,74,75,77,78,79,81,82,83,84,85,86,87,88,89,90}Kr; systematics. Comparison with Skyrme-Hartree-Fock-Bogoliubov calculations. JOUR PRVCA 77 034315
^{90}Sr	2008GR08	RADIOACTIVITY ^{90}Sr(β^-); measured Eβ, Iβ; deduced shape factor. JOUR ARISE 66 1021
^{90}Y	2008GR08	RADIOACTIVITY ^{90}Sr(β^-); measured Eβ, Iβ; deduced shape factor. JOUR ARISE 66 1021
^{90}Zr	2008GA10	NUCLEAR REACTIONS ^{9}Be(^{36}Ar, X)^{19}F / ^{20}Ne / ^{21}Na / ^{22}Mg / ^{23}Al, E=130 MeV / nucleon; measured energy loss, intensities for reaction products. ^{9}Be(^{24}Si, X)^{23}Al / ^{23}Si, E=85.3 MeV / nucleon; measured single-particle cross sections, momentum distributions, spectroscopic factors. ^{9}Be(^{28}S, X)^{27}P, E=80.7 MeV / nucleon; measured Eγ, Iγ.^{9}Be(^{28}S, X)^{27}P / ^{27}S, E=80.7 MeV / nucleon; measured single particle cross sections, spectroscopic factors, momentum distributions. ^{7}Li, ^{8}B, ^{9,12,15}C, ^{16}O, ^{32,34,36}Ar, ^{24,30}Si, ^{26,28}S, ^{31}P, ^{40,48}Ca, ^{51}V, ^{90}Zr, ^{208}Pb; systematics of cross sections. JOUR PRVCA 77 044306
	2008UT02	NUCLEAR REACTIONS ^{91,92,94}Zr(γ, n), E not given; measured En, In, cross sections. Compared results to model calculations. JOUR PRLTA 100 162502
^{90}Tc	2007HEZV	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm, ^{113}Xe, ^{111,112,113}I, ^{109,110,111,112}Te, ^{107,109,111}Sb, ^{105,106}Sn, ^{102,103,104,105}In, ^{101,102,103,104}Cd, ^{99,101,103}Ag, ^{89,90,91,92,93,94}Tc, ^{90,91,92,94,96}Ru, ^{92,93,95,96,97,98}Rh; measured masses. SHIPTRAP penning trap spectrometer. CONF Lisbon (PROCON 2007),Proc.P319,Herfurth

A=90 *(continued)*

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

A=91

^{91}Zr	2008TA04	NUCLEAR REACTIONS ^{90}Zr(n, γ), E<250 MeV; measured σ, neutron resonances. Eγ, Iγ, n-TOF spallation source. R-matrix analysis. JOUR PRVCA 77 035802
	2008UT02	NUCLEAR REACTIONS ^{91,92,94}Zr(γ, n), E not given; measured En, In, cross sections. Compared results to model calculations. JOUR PRLTA 100 162502
^{91}Nb	2008NA05	NUCLEAR REACTIONS ^{92}Mo(γ, p), (γ, n), (γ, α), E not given; ^{144}Sm(γ, n), (γ, α), E not given; measured Eγ, Iγ, activation yields. Comparison with model calculations. JOUR JPGPE 35 014036
^{91}Mo	2008NA05	NUCLEAR REACTIONS ^{92}Mo(γ, p), (γ, n), (γ, α), E not given; ^{144}Sm(γ, n), (γ, α), E not given; measured Eγ, Iγ, activation yields. Comparison with model calculations. JOUR JPGPE 35 014036
^{91}Tc	2007HEZV	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm, ^{113}Xe, ^{111,112,113}I, ^{109,110,111,112}Te, ^{107,109,111}Sb, ^{105,106}Sn, ^{102,103,104,105}In, ^{101,102,103,104}Cd, ^{99,101,103}Ag, ^{89,90,91,92,93,94}Tc, ^{90,91,92,94,96}Ru, ^{92,93,95,96,97,98}Rh; measured masses. SHIPTRAP penning trap spectrometer. CONF Lisbon (PROCON 2007),Proc.P319,Herfurth
^{91}Ru	2007HEZV	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm, ^{113}Xe, ^{111,112,113}I, ^{109,110,111,112}Te, ^{107,109,111}Sb, ^{105,106}Sn, ^{102,103,104,105}In, ^{101,102,103,104}Cd, ^{99,101,103}Ag, ^{89,90,91,92,93,94}Tc, ^{90,91,92,94,96}Ru, ^{92,93,95,96,97,98}Rh; measured masses. SHIPTRAP penning trap spectrometer. CONF Lisbon (PROCON 2007),Proc.P319,Herfurth

A=92

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

A=92 *(continued)*

^{92}Mo	2008DE16	ATOMIC MASSES ^{96,98,99,100,101,102,104}Ru; measured absolute isotopic abundances by thermal-ionization mass spectrometry. ^{92,94,95,96,97,98,100}Mo, ^{138,139}La, ^{168,170,171,172,173,174,176}Yb, ^{180,181}Ta; compiled absolute isotopic abundances. JOUR PRVCA 77 045803
	2008WA07	NUCLEAR REACTIONS ^{92,94,96,98,100}Mo(γ, γ'), E not given; measured Eγ, Iγ, photoabsorption cross sections. JOUR JPGPE 35 014035
^{92}Tc	2007HEZV	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm, ^{113}Xe, ^{111,112,113}I, ^{109,110,111,112}Te, ^{107,109,111}Sb, ^{105,106}Sn, ^{102,103,104,105}In, ^{101,102,103,104}Cd, ^{99,101,103}Ag, ^{89,90,91,92,93,94}Tc, ^{90,91,92,94,96}Ru, ^{92,93,95,96,97,98}Rh; measured masses. SHIPTRAP penning trap spectrometer. CONF Lisbon (PROCON 2007),Proc.P319,Herfurth
^{92}Ru	2007HEZV	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm, ^{113}Xe, ^{111,112,113}I, ^{109,110,111,112}Te, ^{107,109,111}Sb, ^{105,106}Sn, ^{102,103,104,105}In, ^{101,102,103,104}Cd, ^{99,101,103}Ag, ^{89,90,91,92,93,94}Tc, ^{90,91,92,94,96}Ru, ^{92,93,95,96,97,98}Rh; measured masses. SHIPTRAP penning trap spectrometer. CONF Lisbon (PROCON 2007),Proc.P319,Herfurth
^{92}Rh	2007HEZV	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm, ^{113}Xe, ^{111,112,113}I, ^{109,110,111,112}Te, ^{107,109,111}Sb, ^{105,106}Sn, ^{102,103,104,105}In, ^{101,102,103,104}Cd, ^{99,101,103}Ag, ^{89,90,91,92,93,94}Tc, ^{90,91,92,94,96}Ru, ^{92,93,95,96,97,98}Rh; measured masses. SHIPTRAP penning trap spectrometer. CONF Lisbon (PROCON 2007),Proc.P319,Herfurth

A=93

^{93}Zr	2008UT02	NUCLEAR REACTIONS ^{91,92,94}Zr(γ, n), E not given; measured En, In, cross sections. Compared results to model calculations. JOUR PRLTA 100 162502
^{93}Tc	2007HEZV	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm, ^{113}Xe, ^{111,112,113}I, ^{109,110,111,112}Te, ^{107,109,111}Sb, ^{105,106}Sn, ^{102,103,104,105}In, ^{101,102,103,104}Cd, ^{99,101,103}Ag, ^{89,90,91,92,93,94}Tc, ^{90,91,92,94,96}Ru, ^{92,93,95,96,97,98}Rh; measured masses. SHIPTRAP penning trap spectrometer. CONF Lisbon (PROCON 2007),Proc.P319,Herfurth
^{93}Rh	2007HEZV	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm, ^{113}Xe, ^{111,112,113}I, ^{109,110,111,112}Te, ^{107,109,111}Sb, ^{105,106}Sn, ^{102,103,104,105}In, ^{101,102,103,104}Cd, ^{99,101,103}Ag, ^{89,90,91,92,93,94}Tc, ^{90,91,92,94,96}Ru, ^{92,93,95,96,97,98}Rh; measured masses. SHIPTRAP penning trap spectrometer. CONF Lisbon (PROCON 2007),Proc.P319,Herfurth

A=94

^{94}Mo	2008DE16	ATOMIC MASSES ^{96,98,99,100,101,102,104}Ru; measured absolute isotopic abundances by thermal-ionization mass spectrometry. ^{92,94,95,96,97,98,100}Mo, ^{138,139}La, ^{168,170,171,172,173,174,176}Yb, ^{180,181}Ta; compiled absolute isotopic abundances. JOUR PRVCA 77 045803
	2008WA07	NUCLEAR REACTIONS ^{92,94,96,98,100}Mo(γ, γ'), E not given; measured Eγ, Iγ, photoabsorption cross sections. JOUR JPGPE 35 014035
^{94}Tc	2007HEZV	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm, ^{113}Xe, ^{111,112,113}I, ^{109,110,111,112}Te, ^{107,109,111}Sb, ^{105,106}Sn, ^{102,103,104,105}In, ^{101,102,103,104}Cd, ^{99,101,103}Ag, ^{89,90,91,92,93,94}Tc, ^{90,91,92,94,96}Ru, ^{92,93,95,96,97,98}Rh; measured masses. SHIPTRAP penning trap spectrometer. CONF Lisbon (PROCON 2007),Proc.P319,Herfurth
^{94}Ru	2007HEZV	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm, ^{113}Xe, ^{111,112,113}I, ^{109,110,111,112}Te, ^{107,109,111}Sb, ^{105,106}Sn, ^{102,103,104,105}In, ^{101,102,103,104}Cd, ^{99,101,103}Ag, ^{89,90,91,92,93,94}Tc, ^{90,91,92,94,96}Ru, ^{92,93,95,96,97,98}Rh; measured masses. SHIPTRAP penning trap spectrometer. CONF Lisbon (PROCON 2007),Proc.P319,Herfurth
	2008SI09	NUCLEAR REACTIONS ^{159}Tb(^{16}O, X), E=5.6 MeV / nucleon; measured Eγ, Iγ. ^{77}Kr, ^{84m}Y, ^{80}Sr, ^{75}Br, ^{104}Tc, ^{83}Y, ^{85}Y, ^{87m}Y, ^{81}Sr, ^{83}Sr, ^{85m}Sr, ^{74m}Br, ^{83}Kr, ^{88}Kr, ^{94}Ru, ^{102}Ag, ^{95}Ru, ^{79}Rb, ^{87}Zr, ^{110}In, ^{78}As, ^{112}Ag; deduced σ of fission like events after complete and / or incomplete fusion. Recoil-catcher technique, γ-spectroscopy. JOUR IMPEE 17 549

A=95

^{95}Y	2008SI09	NUCLEAR REACTIONS ^{169}Tm(^{16}O, X), E=5.9 MeV / nucleon; measured Eγ, Iγ. ^{107}In;^{66}Ge;^{88}Nb;^{95}Y;^{83}Se;^{99m}Tc;^{109}Sn;^{101}Tc;^{79}As;^{105}In;^{108m}Rh;^{95}Ru;^{92}Y;^{98m}Nb;^{87}Kr;^{92}Sr; deduced σ of fission like events after complete and / or incomplete fusion. Recoil-catcher technique, γ-spectroscopy. JOUR IMPEE 17 549
^{95}Zr	2008VO04	NUCLEAR REACTIONS ^{180,182}Hf(n, γ), E=thermal; measured Eγ, Iγ, σ, reaction rates. ^{94,96}Zr(n, γ), E=thermal; measured reaction rates. ^{23}Na, ^{37}Cl, ^{55}Mn, ^{115}In, ^{179}Hf, ^{182}Ta(n, γ), E=thermal; measured Eγ. JOUR PRVCA 77 044608
^{95}Mo	2008DE16	ATOMIC MASSES ^{96,98,99,100,101,102,104}Ru; measured absolute isotopic abundances by thermal-ionization mass spectrometry. ^{92,94,95,96,97,98,100}Mo, ^{138,139}La, ^{168,170,171,172,173,174,176}Yb, ^{180,181}Ta; compiled absolute isotopic abundances. JOUR PRVCA 77 045803
	2008KR04	NUCLEAR REACTIONS ^{94}Mo(n, γ), E=thermal; measured Eγ, Iγ, $\gamma\gamma$-coin, two-step γ cascades, σ_γ, , multipolarities. ^{95}Mo; deduced levels, J, π, level densities. ^{96}Mo(^{3}He, ^{3}He), ^{97}Mo(^{3}He, $\alpha\gamma$); systematics. JOUR PRVCA 77 054319

A=95 *(continued)*

^{95}Ru	2008SI09	NUCLEAR REACTIONS ^{159}Tb(^{16}O, X), E=5.6 MeV / nucleon; measured Eγ, Iγ. ^{77}Kr, ^{84m}Y, ^{80}Sr, ^{75}Br, ^{104}Tc, ^{83}Y, ^{85}Y, ^{87m}Y, ^{81}Sr, ^{83}Sr, ^{85m}Sr, ^{74m}Br, ^{83}Kr, ^{88}Kr, ^{94}Ru, ^{102}Ag, ^{95}Ru, ^{79}Rb, ^{87}Zr, ^{110}In, ^{78}As, ^{112}Ag; deduced σ of fission like events after complete and / or incomplete fusion. Recoil-catcher technique, γ-spectroscopy. JOUR IMPEE 17 549
	2008SI09	NUCLEAR REACTIONS ^{169}Tm(^{16}O, X), E=5.9 MeV / nucleon; measured Eγ, Iγ. ^{107}In;^{66}Ge;^{88}Nb;^{95}Y;^{83}Se;^{99m}Tc;^{109}Sn;^{101}Tc;^{79}As;^{105}In;^{108m}Rh;^{95}Ru;^{92}Y;^{98m}Nb;^{87}Kr;^{92}Sr; deduced σ of fission like events after complete and / or incomplete fusion. Recoil-catcher technique, γ-spectroscopy. JOUR IMPEE 17 549
^{95}Rh	2007HEZV	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm, ^{113}Xe, ^{111,112,113}I, ^{109,110,111,112}Te, ^{107,109,111}Sb, ^{105,106}Sn, ^{102,103,104,105}In, ^{101,102,103,104}Cd, ^{99,101,103}Ag, ^{89,90,91,92,93,94}Tc, ^{90,91,92,94,96}Ru, ^{92,93,95,96,97,98}Rh; measured masses. SHIPTRAP penning trap spectrometer. CONF Lisbon (PROCON 2007),Proc.P319,Herfurth

A=96

^{96}Mo	2008DE16	ATOMIC MASSES ^{96,98,99,100,101,102,104}Ru; measured absolute isotopic abundances by thermal-ionization mass spectrometry. ^{92,94,95,96,97,98,100}Mo, ^{138,139}La, ^{168,170,171,172,173,174,176}Yb, ^{180,181}Ta; compiled absolute isotopic abundances. JOUR PRVCA 77 045803
	2008KR04	NUCLEAR REACTIONS ^{94}Mo(n, γ), E=thermal; measured Eγ, Iγ, $\gamma\gamma$-coin, two-step γ cascades, σ_γ, , multipolarities. ^{95}Mo; deduced levels, J, π, level densities. ^{96}Mo(^{3}He, ^{3}He), ^{97}Mo(^{3}He, $\alpha\gamma$); systematics. JOUR PRVCA 77 054319
	2008WA07	NUCLEAR REACTIONS ^{92,94,96,98,100}Mo(γ, γ'), E not given; measured Eγ, Iγ, photoabsorption cross sections. JOUR JPGPE 35 014035
^{96}Ru	2007HEZV	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm, ^{113}Xe, ^{111,112,113}I, ^{109,110,111,112}Te, ^{107,109,111}Sb, ^{105,106}Sn, ^{102,103,104,105}In, ^{101,102,103,104}Cd, ^{99,101,103}Ag, ^{89,90,91,92,93,94}Tc, ^{90,91,92,94,96}Ru, ^{92,93,95,96,97,98}Rh; measured masses. SHIPTRAP penning trap spectrometer. CONF Lisbon (PROCON 2007),Proc.P319,Herfurth
	2008DE16	ATOMIC MASSES ^{96,98,99,100,101,102,104}Ru; measured absolute isotopic abundances by thermal-ionization mass spectrometry. ^{92,94,95,96,97,98,100}Mo, ^{138,139}La, ^{168,170,171,172,173,174,176}Yb, ^{180,181}Ta; compiled absolute isotopic abundances. JOUR PRVCA 77 045803
^{96}Rh	2007HEZV	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm, ^{113}Xe, ^{111,112,113}I, ^{109,110,111,112}Te, ^{107,109,111}Sb, ^{105,106}Sn, ^{102,103,104,105}In, ^{101,102,103,104}Cd, ^{99,101,103}Ag, ^{89,90,91,92,93,94}Tc, ^{90,91,92,94,96}Ru, ^{92,93,95,96,97,98}Rh; measured masses. SHIPTRAP penning trap spectrometer. CONF Lisbon (PROCON 2007),Proc.P319,Herfurth

A=97

^{97}Zr	2008VO04	NUCLEAR REACTIONS ^{180,182}Hf(n, γ), E=thermal; measured Eγ, Iγ, σ, reaction rates. ^{94,96}Zr(n, γ), E=thermal; measured reaction rates. ^{23}Na, ^{37}Cl, ^{55}Mn, ^{115}In, ^{179}Hf, ^{182}Ta(n, γ), E=thermal; measured Eγ. JOUR PRVCA 77 044608
^{97}Mo	2008DE16	ATOMIC MASSES ^{96,98,99,100,101,102,104}Ru; measured absolute isotopic abundances by thermal-ionization mass spectrometry. ^{92,94,95,96,97,98,100}Mo, ^{138,139}La, ^{168,170,171,172,173,174,176}Yb, ^{180,181}Ta; compiled absolute isotopic abundances. JOUR PRVCA 77 045803
^{97}Rh	2007HEZV	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm, ^{113}Xe, ^{111,112,113}I, ^{109,110,111,112}Te, ^{107,109,111}Sb, ^{105,106}Sn, ^{102,103,104,105}In, ^{101,102,103,104}Cd, ^{99,101,103}Ag, ^{89,90,91,92,93,94}Tc, ^{90,91,92,94,96}Ru, ^{92,93,95,96,97,98}Rh; measured masses. SHIPTRAP penning trap spectrometer. CONF Lisbon (PROCON 2007),Proc.P319,Herfurth

A=98

^{98}Nb	2008SI09	NUCLEAR REACTIONS ^{169}Tm(^{16}O, X), E=5.9 MeV / nucleon; measured Eγ, Iγ. ^{107}In;^{66}Ge;^{88}Nb;^{95}Y;^{83}Se;^{99m}Tc;^{109}Sn;^{101}Tc;^{79}As;^{105}In;^{108m}Rh;^{95}Ru;^{92}Y;^{98m}Nb;^{87}Kr;^{92}Sr; deduced σ of fission like events after complete and / or incomplete fusion. Recoil-catcher technique, γ-spectroscopy. JOUR IMPEE 17 549
^{98}Mo	2008DE16	ATOMIC MASSES ^{96,98,99,100,101,102,104}Ru; measured absolute isotopic abundances by thermal-ionization mass spectrometry. ^{92,94,95,96,97,98,100}Mo, ^{138,139}La, ^{168,170,171,172,173,174,176}Yb, ^{180,181}Ta; compiled absolute isotopic abundances. JOUR PRVCA 77 045803
	2008WA07	NUCLEAR REACTIONS ^{92,94,96,98,100}Mo(γ, γ'), E not given; measured Eγ, Iγ, photoabsorption cross sections. JOUR JPGPE 35 014035
^{98}Ru	2008DE16	ATOMIC MASSES ^{96,98,99,100,101,102,104}Ru; measured absolute isotopic abundances by thermal-ionization mass spectrometry. ^{92,94,95,96,97,98,100}Mo, ^{138,139}La, ^{168,170,171,172,173,174,176}Yb, ^{180,181}Ta; compiled absolute isotopic abundances. JOUR PRVCA 77 045803
^{98}Rh	2007HEZV	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm, ^{113}Xe, ^{111,112,113}I, ^{109,110,111,112}Te, ^{107,109,111}Sb, ^{105,106}Sn, ^{102,103,104,105}In, ^{101,102,103,104}Cd, ^{99,101,103}Ag, ^{89,90,91,92,93,94}Tc, ^{90,91,92,94,96}Ru, ^{92,93,95,96,97,98}Rh; measured masses. SHIPTRAP penning trap spectrometer. CONF Lisbon (PROCON 2007),Proc.P319,Herfurth

A=99

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

A=99 *(continued)*

^{99}Ru	2008DE16	ATOMIC MASSES ^{96,98,99,100,101,102,104}Ru; measured absolute isotopic abundances by thermal-ionization mass spectrometry. ^{92,94,95,96,97,98,100}Mo, ^{138,139}La, ^{168,170,171,172,173,174,176}Yb, ^{180,181}Ta; compiled absolute isotopic abundances. JOUR PRVCA 77 045803
^{99}Ag	2007HEZV	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm, ^{113}Xe, ^{111,112,113}I, ^{109,110,111,112}Te, ^{107,109,111}Sb, ^{105,106}Sn, ^{102,103,104,105}In, ^{101,102,103,104}Cd, ^{99,101,103}Ag, ^{89,90,91,92,93,94}Tc, ^{90,91,92,94,96}Ru, ^{92,93,95,96,97,98}Rh; measured masses. SHIPTRAP penning trap spectrometer. CONF Lisbon (PROCON 2007),Proc.P319,Herfurth

A=100

^{100}Mo	2008DE16	ATOMIC MASSES ^{96,98,99,100,101,102,104}Ru; measured absolute isotopic abundances by thermal-ionization mass spectrometry. ^{92,94,95,96,97,98,100}Mo, ^{138,139}La, ^{168,170,171,172,173,174,176}Yb, ^{180,181}Ta; compiled absolute isotopic abundances. JOUR PRVCA 77 045803
	2008RA09	RADIOACTIVITY ^{76}Ge, ^{100}Mo($2\beta^-$); measured Q values using Penning trap. JOUR PYLBB 662 111
	2008WA07	NUCLEAR REACTIONS ^{92,94,96,98,100}Mo(γ, γ'), E not given; measured Eγ, Iγ, photoabsorption cross sections. JOUR JPGPE 35 014035
^{100}Ru	2008DE16	ATOMIC MASSES ^{96,98,99,100,101,102,104}Ru; measured absolute isotopic abundances by thermal-ionization mass spectrometry. ^{92,94,95,96,97,98,100}Mo, ^{138,139}La, ^{168,170,171,172,173,174,176}Yb, ^{180,181}Ta; compiled absolute isotopic abundances. JOUR PRVCA 77 045803
	2008RA09	RADIOACTIVITY ^{76}Ge, ^{100}Mo($2\beta^-$); measured Q values using Penning trap. JOUR PYLBB 662 111
^{100}Rh	2008SK01	NUCLEAR REACTIONS ^{100}Ru(α, n), ^{101}Ru(α, 2n), ^{101}Ru(^{3}He, n), ^{102}Ru(^{3}He.2n), ^{101}Ru(^{3}He, X)^{101}Rh, ^{102}Ru(^{3}He, X)^{101}Rh, ^{101}Ru(^{3}He, X)^{102}Rh, ^{102}Ru(^{3}He, X)^{102}Rh, ^{101}Ru(^{3}He, X)^{101g}Rh, ^{102}Ru(^{3}He, X)^{101g}Rh, ^{101}Ru(^{3}He, 3n), ^{102}Ru(^{3}He, 4n), ^{101}Ru(^{3}He, 4n), ^{101}Ru(^{3}He, X)^{100}Rh, E<34 MeV; measured Eγ, Iγ, x-ray spectra, excitation functions, σ. X-ray and γ-ray spectrometry, enriched targets, comparison with calculations. JOUR ARISE 66 653
^{100}Pd	2008SK01	NUCLEAR REACTIONS ^{100}Ru(α, n), ^{101}Ru(α, 2n), ^{101}Ru(^{3}He, n), ^{102}Ru(^{3}He.2n), ^{101}Ru(^{3}He, X)^{101}Rh, ^{102}Ru(^{3}He, X)^{101}Rh, ^{101}Ru(^{3}He, X)^{102}Rh, ^{102}Ru(^{3}He, X)^{102}Rh, ^{101}Ru(^{3}He, X)^{101g}Rh, ^{102}Ru(^{3}He, X)^{101g}Rh, ^{101}Ru(^{3}He, 3n), ^{102}Ru(^{3}He, 4n), ^{101}Ru(^{3}He, 4n), ^{101}Ru(^{3}He, X)^{100}Rh, E<34 MeV; measured Eγ, Iγ, x-ray spectra, excitation functions, σ. X-ray and γ-ray spectrometry, enriched targets, comparison with calculations. JOUR ARISE 66 653
^{100}Cd	2007SEZR	RADIOACTIVITY ^{101}Sn(β^+p) [from ^{46}Ti(^{58}Ni, 3n), E=192 MeV]; ^{145}Tm(p); measured Eπ, Iπ, pγ-coin. CONF Lisbon (PROCON 2007),Proc.P149,Seweryniak

A=101

^{101}Tc	2008SI09	NUCLEAR REACTIONS ^{169}Tm(^{16}O, X), E=5.9 MeV / nucleon; measured Eγ, Iγ. ^{107}In;^{66}Ge;^{88}Nb;^{95}Y;^{83}Se;^{99m}Tc;^{109}Sn;^{101}Tc;^{79}As;^{105}In;^{108m}Rh;^{95}Ru;^{92}Y;^{98m}Nb;^{87}Kr;^{92}Sr; deduced σ of fission like events after complete and / or incomplete fusion. Recoil-catcher technique, γ-spectroscopy. JOUR IMPEE 17 549
^{101}Ru	2008DE16	ATOMIC MASSES ^{96,98,99,100,101,102,104}Ru; measured absolute isotopic abundances by thermal-ionization mass spectrometry. ^{92,94,95,96,97,98,100}Mo, ^{138,139}La, ^{168,170,171,172,173,174,176}Yb, ^{180,181}Ta; compiled absolute isotopic abundances. JOUR PRVCA 77 045803
^{101}Rh	2008SK01	NUCLEAR REACTIONS ^{100}Ru(α, n), ^{101}Ru(α, 2n), ^{101}Ru(^{3}He, n), ^{102}Ru(^{3}He.2n), ^{101}Ru(^{3}He, X)^{101}Rh, ^{102}Ru(^{3}He, X)^{101}Rh, ^{101}Ru(^{3}He, X)^{102}Rh, ^{102}Ru(^{3}He, X)^{102}Rh, ^{101}Ru(^{3}He, X)^{101g}Rh, ^{102}Ru(^{3}He, X)^{101g}Rh, ^{101}Ru(^{3}He, 3n), ^{102}Ru(^{3}He, 4n), ^{101}Ru(^{3}He, 4n), ^{101}Ru(^{3}He, X)^{100}Rh, E<34 MeV; measured Eγ, Iγ, x-ray spectra, excitation functions, σ. X-ray and γ-ray spectrometry, enriched targets, comparison with calculations. JOUR ARISE 66 653
^{101}Pd	2008SK01	NUCLEAR REACTIONS ^{100}Ru(α, n), ^{101}Ru(α, 2n), ^{101}Ru(^{3}He, n), ^{102}Ru(^{3}He.2n), ^{101}Ru(^{3}He, X)^{101}Rh, ^{102}Ru(^{3}He, X)^{101}Rh, ^{101}Ru(^{3}He, X)^{102}Rh, ^{102}Ru(^{3}He, X)^{102}Rh, ^{101}Ru(^{3}He, X)^{101g}Rh, ^{102}Ru(^{3}He, X)^{101g}Rh, ^{101}Ru(^{3}He, 3n), ^{102}Ru(^{3}He, 4n), ^{101}Ru(^{3}He, 4n), ^{101}Ru(^{3}He, X)^{100}Rh, E<34 MeV; measured Eγ, Iγ, x-ray spectra, excitation functions, σ. X-ray and γ-ray spectrometry, enriched targets, comparison with calculations. JOUR ARISE 66 653
^{101}Ag	2007HEZV	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm, ^{113}Xe, ^{111,112,113}I, ^{109,110,111,112}Te, ^{107,109,111}Sb, ^{105,106}Sn, ^{102,103,104,105}In, ^{101,102,103,104}Cd, ^{99,101,103}Ag, ^{89,90,91,92,93,94}Tc, ^{90,91,92,94,96}Ru, ^{92,93,95,96,97,98}Rh; measured masses. SHIPTRAP penning trap spectrometer. CONF Lisbon (PROCON 2007),Proc.P319,Herfurth
^{101}Cd	2007HEZV	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm, ^{113}Xe, ^{111,112,113}I, ^{109,110,111,112}Te, ^{107,109,111}Sb, ^{105,106}Sn, ^{102,103,104,105}In, ^{101,102,103,104}Cd, ^{99,101,103}Ag, ^{89,90,91,92,93,94}Tc, ^{90,91,92,94,96}Ru, ^{92,93,95,96,97,98}Rh; measured masses. SHIPTRAP penning trap spectrometer. CONF Lisbon (PROCON 2007),Proc.P319,Herfurth
^{101}Sn	2007LIZP	RADIOACTIVITY ^{109}Xe, ^{105}Te(α) [^{109}Xe from ^{54}Fe(^{58}Ni, 3n), E=220-225 MeV]; measured Eα, Ia. ^{109}Xe; deduced $T_{1/2}$. ^{105}Te; deduced $T_{1/2}$, branching ratios to gs and excited states. CONF Lisbon (PROCON 2007),Proc.P123,Liddick
	2007SEZR	RADIOACTIVITY ^{101}Sn(β^+p) [from ^{46}Ti(^{58}Ni, 3n), E=192 MeV]; ^{145}Tm(p); measured Eπ, Iπ, pγ-coin. CONF Lisbon (PROCON 2007),Proc.P149,Seweryniak

A=102

^{102}Ru	2008DE16	ATOMIC MASSES ^{96,98,99,100,101,102,104}Ru; measured absolute isotopic abundances by thermal-ionization mass spectrometry. ^{92,94,95,96,97,98,100}Mo, ^{138,139}La, ^{168,170,171,172,173,174,176}Yb, ^{180,181}Ta; compiled absolute isotopic abundances. JOUR PRVCA 77 045803
^{102}Rh	2008SK01	NUCLEAR REACTIONS ^{100}Ru(α, n), ^{101}Ru(α, 2n), ^{101}Ru(^{3}He, n), ^{102}Ru(^{3}He.2n), ^{101}Ru(^{3}He, X)^{101}Rh, ^{102}Ru(^{3}He, X)^{101}Rh, ^{101}Ru(^{3}He, X)^{102}Rh, ^{102}Ru(^{3}He, X)^{102}Rh, ^{101}Ru(^{3}He, X)^{101g}Rh, ^{102}Ru(^{3}He, X)^{101g}Rh, ^{101}Ru(^{3}He, 3n), ^{102}Ru(^{3}He, 4n), ^{101}Ru(^{3}He, 4n), ^{101}Ru(^{3}He, X)^{100}Rh, E<34 MeV; measured Eγ, Iγ, x-ray spectra, excitation functions, σ. X-ray and γ-ray spectrometry, enriched targets, comparison with calculations. JOUR ARISE 66 653
^{102}Ag	2008SI09	NUCLEAR REACTIONS ^{159}Tb(^{16}O, X), E=5.6 MeV / nucleon; measured Eγ, Iγ. ^{77}Kr, ^{84m}Y, ^{80}Sr, ^{75}Br, ^{104}Tc, ^{83}Y, ^{85}Y, ^{87m}Y, ^{81}Sr, ^{83}Sr, ^{85m}Sr, ^{74m}Br, ^{83}Kr, ^{88}Kr, ^{94}Ru, ^{102}Ag, ^{95}Ru, ^{79}Rb, ^{87}Zr, ^{110}In, ^{78}As, ^{112}Ag; deduced σ of fission like events after complete and / or incomplete fusion. Recoil-catcher technique, γ-spectroscopy. JOUR IMPEE 17 549
^{102}Cd	2007HEZV	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm, ^{113}Xe, ^{111,112,113}I, ^{109,110,111,112}Te, ^{107,109,111}Sb, ^{105,106}Sn, ^{102,103,104,105}In, ^{101,102,103,104}Cd, ^{99,101,103}Ag, ^{89,90,91,92,93,94}Tc, ^{90,91,92,94,96}Ru, ^{92,93,95,96,97,98}Rh; measured masses. SHIPTRAP penning trap spectrometer. CONF Lisbon (PROCON 2007),Proc.P319,Herfurth
^{102}In	2007HEZV	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm, ^{113}Xe, ^{111,112,113}I, ^{109,110,111,112}Te, ^{107,109,111}Sb, ^{105,106}Sn, ^{102,103,104,105}In, ^{101,102,103,104}Cd, ^{99,101,103}Ag, ^{89,90,91,92,93,94}Tc, ^{90,91,92,94,96}Ru, ^{92,93,95,96,97,98}Rh; measured masses. SHIPTRAP penning trap spectrometer. CONF Lisbon (PROCON 2007),Proc.P319,Herfurth

A=103

^{103}Pd	2008KR05	NUCLEAR REACTIONS ^{102,104,105,106,108,110}Pd(n, γ), E=thermal; measured neutron capture σ, Eγ, Iγ, $\gamma\gamma$-coin, γ widths, multipolarities. ^{103,105,106,107,109,111}Pd; deduced levels, J, π. JOUR PRVCA 77 054615
	2008SK01	NUCLEAR REACTIONS ^{100}Ru(α, n), ^{101}Ru(α, 2n), ^{101}Ru(^{3}He, n), ^{102}Ru(^{3}He.2n), ^{101}Ru(^{3}He, X)^{101}Rh, ^{102}Ru(^{3}He, X)^{101}Rh, ^{101}Ru(^{3}He, X)^{102}Rh, ^{102}Ru(^{3}He, X)^{102}Rh, ^{101}Ru(^{3}He, X)^{101g}Rh, ^{102}Ru(^{3}He, X)^{101g}Rh, ^{101}Ru(^{3}He, 3n), ^{102}Ru(^{3}He, 4n), ^{101}Ru(^{3}He, 4n), ^{101}Ru(^{3}He, X)^{100}Rh, E<34 MeV; measured Eγ, Iγ, x-ray spectra, excitation functions, σ. X-ray and γ-ray spectrometry, enriched targets, comparison with calculations. JOUR ARISE 66 653
^{103}Ag	2007HEZV	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm, ^{113}Xe, ^{111,112,113}I, ^{109,110,111,112}Te, ^{107,109,111}Sb, ^{105,106}Sn, ^{102,103,104,105}In, ^{101,102,103,104}Cd, ^{99,101,103}Ag, ^{89,90,91,92,93,94}Tc, ^{90,91,92,94,96}Ru, ^{92,93,95,96,97,98}Rh; measured masses. SHIPTRAP penning trap spectrometer. CONF Lisbon (PROCON 2007),Proc.P319,Herfurth

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

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

A=104

^{104}Tc	2008SI09	NUCLEAR REACTIONS ^{159}Tb(^{16}O, X), E=5.6 MeV / nucleon; measured Eγ, Iγ. ^{77}Kr, ^{84m}Y, ^{80}Sr, ^{75}Br, ^{104}Tc, ^{83}Y, ^{85}Y, ^{87m}Y, ^{81}Sr, ^{83}Sr, ^{85m}Sr, ^{74m}Br, ^{83}Kr, ^{88}Kr, ^{94}Ru, ^{102}Ag, ^{95}Ru, ^{79}Rb, ^{87}Zr, ^{110}In, ^{78}As, ^{112}Ag; deduced σ of fission like events after complete and / or incomplete fusion. Recoil-catcher technique, γ-spectroscopy. JOUR IMPEE 17 549
	2008SI09	NUCLEAR REACTIONS ^{169}Tm(^{16}O, X), E=5.9 MeV / nucleon; measured Eγ, Iγ. ^{107}In;^{66}Ge;^{88}Nb;^{95}Y;^{83}Se;^{99m}Tc;^{109}Sn;^{101}Tc;^{79}As;^{105}In;^{108m}Rh;^{95}Ru;^{92}Y;^{98m}Nb;^{87}Kr;^{92}Sr; deduced σ of fission like events after complete and / or incomplete fusion. Recoil-catcher technique, γ-spectroscopy. JOUR IMPEE 17 549
^{104}Ru	2008DE16	ATOMIC MASSES ^{96,98,99,100,101,102,104}Ru; measured absolute isotopic abundances by thermal-ionization mass spectrometry. ^{92,94,95,96,97,98,100}Mo, ^{138,139}La, ^{168,170,171,172,173,174,176}Yb, ^{180,181}Ta; compiled absolute isotopic abundances. JOUR PRVCA 77 045803
^{104}Cd	2007HEZV	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm, ^{113}Xe, ^{111,112,113}I, ^{109,110,111,112}Te, ^{107,109,111}Sb, ^{105,106}Sn, ^{102,103,104,105}In, ^{101,102,103,104}Cd, ^{99,101,103}Ag, ^{89,90,91,92,93,94}Tc, ^{90,91,92,94,96}Ru, ^{92,93,95,96,97,98}Rh; measured masses. SHIPTRAP penning trap spectrometer. CONF Lisbon (PROCON 2007),Proc.P319,Herfurth
^{104}In	2007HEZV	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm, ^{113}Xe, ^{111,112,113}I, ^{109,110,111,112}Te, ^{107,109,111}Sb, ^{105,106}Sn, ^{102,103,104,105}In, ^{101,102,103,104}Cd, ^{99,101,103}Ag, ^{89,90,91,92,93,94}Tc, ^{90,91,92,94,96}Ru, ^{92,93,95,96,97,98}Rh; measured masses. SHIPTRAP penning trap spectrometer. CONF Lisbon (PROCON 2007),Proc.P319,Herfurth

A=105

^{105}Tc	2008SI09	NUCLEAR REACTIONS ^{169}Tm(^{16}O, X), E=5.9 MeV / nucleon; measured Eγ, Iγ. ^{107}In;^{66}Ge;^{88}Nb;^{95}Y;^{83}Se;^{99m}Tc;^{109}Sn;^{101}Tc;^{79}As;^{105}In;^{108m}Rh;^{95}Ru;^{92}Y;^{98m}Nb;^{87}Kr;^{92}Sr; deduced σ of fission like events after complete and / or incomplete fusion. Recoil-catcher technique, γ-spectroscopy. JOUR IMPEE 17 549
^{105}Pd	2008KR05	NUCLEAR REACTIONS ^{102,104,105,106,108,110}Pd(n, γ), E=thermal; measured neutron capture σ, Eγ, Iγ, $\gamma\gamma$-coin, γ widths, multipolarities. ^{103,105,106,107,109,111}Pd; deduced levels, J, π. JOUR PRVCA 77 054615
^{105}In	2007HEZV	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm, ^{113}Xe, ^{111,112,113}I, ^{109,110,111,112}Te, ^{107,109,111}Sb, ^{105,106}Sn, ^{102,103,104,105}In, ^{101,102,103,104}Cd, ^{99,101,103}Ag, ^{89,90,91,92,93,94}Tc, ^{90,91,92,94,96}Ru, ^{92,93,95,96,97,98}Rh; measured masses. SHIPTRAP penning trap spectrometer. CONF Lisbon (PROCON 2007),Proc.P319,Herfurth
	2008SI09	NUCLEAR REACTIONS ^{169}Tm(^{16}O, X), E=5.9 MeV / nucleon; measured Eγ, Iγ. ^{107}In;^{66}Ge;^{88}Nb;^{95}Y;^{83}Se;^{99m}Tc;^{109}Sn;^{101}Tc;^{79}As;^{105}In;^{108m}Rh;^{95}Ru;^{92}Y;^{98m}Nb;^{87}Kr;^{92}Sr; deduced σ of fission like events after complete and / or incomplete fusion. Recoil-catcher technique, γ-spectroscopy. JOUR IMPEE 17 549
^{105}Sn	2007HEZV	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm, ^{113}Xe, ^{111,112,113}I, ^{109,110,111,112}Te, ^{107,109,111}Sb, ^{105,106}Sn, ^{102,103,104,105}In, ^{101,102,103,104}Cd, ^{99,101,103}Ag, ^{89,90,91,92,93,94}Tc, ^{90,91,92,94,96}Ru, ^{92,93,95,96,97,98}Rh; measured masses. SHIPTRAP penning trap spectrometer. CONF Lisbon (PROCON 2007),Proc.P319,Herfurth
^{105}Sb	2007MAZB	RADIOACTIVITY ^{109}I(p), (α) [from ^{58}Ni(^{54}Fe, p2n), E=207 MeV]; measured Eα, Iα. ^{109}I; deduced branching ratio, $T_{1/2}$; ^{105}Sb deduced Qp. CONF Lisbon (PROCON 2007),Proc.P128,Mazzocchi
^{105}Te	2007LIZP	RADIOACTIVITY ^{109}Xe, ^{105}Te(α) [^{109}Xe from ^{54}Fe(^{58}Ni, 3n), E=220-225 MeV]; measured Eα, Ia. ^{109}Xe; deduced $T_{1/2}$. ^{105}Te; deduced $T_{1/2}$, branching ratios to gs and excited states. CONF Lisbon (PROCON 2007),Proc.P123,Liddick

A=106

^{106}Pd	2007BEZR	RADIOACTIVITY ^{106}Cd(2EC); measured X-ray energies and intensities. ^{106}Cd; deduced 2ν-accompanied two EC-decay $T_{1/2}$. CONF Prague (MEDEX'07),Proc.P19,Benes
	2008KR05	NUCLEAR REACTIONS ^{102,104,105,106,108,110}Pd(n, γ), E=thermal; measured neutron capture σ, Eγ, Iγ, $\gamma\gamma$-coin, γ widths, multipolarities. ^{103,105,106,107,109,111}Pd; deduced levels, J, π. JOUR PRVCA 77 054615
^{106}Cd	2007BEZR	RADIOACTIVITY ^{106}Cd(2EC); measured X-ray energies and intensities. ^{106}Cd; deduced 2ν-accompanied two EC-decay $T_{1/2}$. CONF Prague (MEDEX'07),Proc.P19,Benes

A=106 *(continued)*

	2007ZIZX	NUCLEAR REACTIONS ^{48}Ti, Se, ^{76}Se, Kr, ^{82}Kr, Cd, ^{106}Cd, Sm, ^{150}Sm(μ, ν), E not given; measured Eγ, Iγ, X-ray energies and intensities; deduced total and partial μ capture rates, yields of radioactive daughter nuclei. CONF Prague (MEDEX'07),Proc.P91,Zinatulina
^{106}Sn	2007HEZV	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm, ^{113}Xe, ^{111,112,113}I, ^{109,110,111,112}Te, ^{107,109,111}Sb, ^{105,106}Sn, ^{102,103,104,105}In, ^{101,102,103,104}Cd, ^{99,101,103}Ag, ^{89,90,91,92,93,94}Tc, ^{90,91,92,94,96}Ru, ^{92,93,95,96,97,98}Rh; measured masses. SHIPTRAP penning trap spectrometer. CONF Lisbon (PROCON 2007),Proc.P319,Herfurth

A=107

^{107}Pd	2008KR05	NUCLEAR REACTIONS ^{102,104,105,106,108,110}Pd(n, γ), E=thermal; measured neutron capture σ, Eγ, Iγ, $\gamma\gamma$-coin, γ widths, multipolarities. ^{103,105,106,107,109,111}Pd; deduced levels, J, π. JOUR PRVCA 77 054615
^{107}In	2008SI09	NUCLEAR REACTIONS ^{169}Tm(^{16}O, X), E=5.9 MeV / nucleon; measured Eγ, Iγ. ^{107}In;^{66}Ge;^{88}Nb;^{95}Y;^{83}Se;^{99m}Tc;^{109}Sn;^{101}Tc;^{79}As;^{105}In;^{108m}Rh;^{95}Ru;^{92}Y;^{98m}Nb;^{87}Kr;^{92}Sr; deduced σ of fission like events after complete and / or incomplete fusion. Recoil-catcher technique, γ-spectroscopy. JOUR IMPEE 17 549
^{107}Sb	2007HEZV	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm, ^{113}Xe, ^{111,112,113}I, ^{109,110,111,112}Te, ^{107,109,111}Sb, ^{105,106}Sn, ^{102,103,104,105}In, ^{101,102,103,104}Cd, ^{99,101,103}Ag, ^{89,90,91,92,93,94}Tc, ^{90,91,92,94,96}Ru, ^{92,93,95,96,97,98}Rh; measured masses. SHIPTRAP penning trap spectrometer. CONF Lisbon (PROCON 2007),Proc.P319,Herfurth

A=108

^{108}Rh	2008SI09	NUCLEAR REACTIONS ^{169}Tm(^{16}O, X), E=5.9 MeV / nucleon; measured Eγ, Iγ. ^{107}In;^{66}Ge;^{88}Nb;^{95}Y;^{83}Se;^{99m}Tc;^{109}Sn;^{101}Tc;^{79}As;^{105}In;^{108m}Rh;^{95}Ru;^{92}Y;^{98m}Nb;^{87}Kr;^{92}Sr; deduced σ of fission like events after complete and / or incomplete fusion. Recoil-catcher technique, γ-spectroscopy. JOUR IMPEE 17 549
^{108}In	2008SI09	NUCLEAR REACTIONS ^{169}Tm(^{16}O, X), E=5.9 MeV / nucleon; measured Eγ, Iγ. ^{107}In;^{66}Ge;^{88}Nb;^{95}Y;^{83}Se;^{99m}Tc;^{109}Sn;^{101}Tc;^{79}As;^{105}In;^{108m}Rh;^{95}Ru;^{92}Y;^{98m}Nb;^{87}Kr;^{92}Sr; deduced σ of fission like events after complete and / or incomplete fusion. Recoil-catcher technique, γ-spectroscopy. JOUR IMPEE 17 549
^{108}Te	2007MAZB	RADIOACTIVITY ^{109}I(p), (α) [from ^{58}Ni(^{54}Fe, p2n), E=207 MeV]; measured Eα, Iα. ^{109}I; deduced branching ratio, $T_{1/2}$; ^{105}Sb deduced Qp. CONF Lisbon (PROCON 2007),Proc.P128,Mazzocchi

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

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

A=109

^{109}Ru	2008DI11	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{109}Ru; deduced levels, J, π, band configurations. Total Routhian surface calculations. JOUR PRVCA 77 057302
^{109}Pd	2008KR05	NUCLEAR REACTIONS ^{102,104,105,106,108,110}Pd(n, γ), E=thermal; measured neutron capture σ, Eγ, Iγ, $\gamma\gamma$-coin, γ widths, multipolarities. ^{103,105,106,107,109,111}Pd; deduced levels, J, π. JOUR PRVCA 77 054615
^{109}Sn	2008SI09	NUCLEAR REACTIONS ^{169}Tm(^{16}O, X), E=5.9 MeV / nucleon; measured Eγ, Iγ. ^{107}In;^{66}Ge;^{88}Nb;^{95}Y;^{83}Se;^{99m}Tc;^{109}Sn;^{101}Tc;^{79}As;^{105}In;^{108m}Rh;^{95}Ru;^{92}Y;^{98m}Nb;^{87}Kr;^{92}Sr; deduced σ of fission like events after complete and / or incomplete fusion. Recoil-catcher technique, γ-spectroscopy. JOUR IMPEE 17 549
^{109}Sb	2007HEZV	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm, ^{113}Xe, ^{111,112,113}I, ^{109,110,111,112}Te, ^{107,109,111}Sb, ^{105,106}Sn, ^{102,103,104,105}In, ^{101,102,103,104}Cd, ^{99,101,103}Ag, ^{89,90,91,92,93,94}Tc, ^{90,91,92,94,96}Ru, ^{92,93,95,96,97,98}Rh; measured masses. SHIPTRAP penning trap spectrometer. CONF Lisbon (PROCON 2007),Proc.P319,Herfurth
^{109}Te	2007HEZV	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm, ^{113}Xe, ^{111,112,113}I, ^{109,110,111,112}Te, ^{107,109,111}Sb, ^{105,106}Sn, ^{102,103,104,105}In, ^{101,102,103,104}Cd, ^{99,101,103}Ag, ^{89,90,91,92,93,94}Tc, ^{90,91,92,94,96}Ru, ^{92,93,95,96,97,98}Rh; measured masses. SHIPTRAP penning trap spectrometer. CONF Lisbon (PROCON 2007),Proc.P319,Herfurth
	2007KOZO	NUCLEAR REACTIONS ^{58}Ni(^{54}Fe, xnyp), E=195-265 MeV; measured excitation function. Deduced σ for (pn), (2n) channels. ^{109}Te, ^{109}I, ^{109}Xe; deduced σ, Sp, Sn, Sα. CONF Lisbon (PROCON 2007),Proc.P163,Korgul
	2008KO04	NUCLEAR REACTIONS ^{54}Fe(^{58}Ni, 2n), (^{58}Ni, 3n), (^{58}Ni, 4n), (^{58}Ni, np), (^{58}Ni, 2np), (^{58}Ni, 3np), (^{58}Ni, n2p), (^{58}Ni, 2n2p), E=195-265 MeV; measured σ, reaction yields. Deduced optimum energy for the production of ^{108}Xe. JOUR PRVCA 77 034301

A=109 *(continued)*

^{109}I	2007CEZX	NUCLEAR REACTIONS ^{58}Ni(^{54}Fe, 2n), ^{58}Ni(^{54}Fe, 2np), E=195 MeV; measured Eγ, Iγ, $\gamma\gamma$, (recoil)γ(t) coin. ^{110}Xe; deduced levels. ^{109}I; deduced $T_{1/2}$, levels, band structure. CONF Lisbon (PROCON 2007),Proc.P156,Cederwall
	2007KOZO	NUCLEAR REACTIONS ^{58}Ni(^{54}Fe, xnyp), E=195-265 MeV; measured excitation function. Deduced σ for (pn), (2n) channels. ^{109}Te, ^{109}I, ^{109}Xe; deduced σ, Sp, Sn, Sα. CONF Lisbon (PROCON 2007),Proc.P163,Korgul
	2007MAZB	RADIOACTIVITY ^{109}I(p), (α) [from ^{58}Ni(^{54}Fe, p2n), E=207 MeV]; measured Eα, Iα. ^{109}I; deduced branching ratio, $T_{1/2}$; ^{105}Sb deduced Qp. CONF Lisbon (PROCON 2007),Proc.P128,Mazzocchi
	2008KO04	NUCLEAR REACTIONS ^{54}Fe(^{58}Ni, 2n), (^{58}Ni, 3n), (^{58}Ni, 4n), (^{58}Ni, np), (^{58}Ni, 2np), (^{58}Ni, 3np), (^{58}Ni, n2p), (^{58}Ni, 2n2p), E=195-265 MeV; measured σ, reaction yields. Deduced optimum energy for the production of ^{108}Xe. JOUR PRVCA 77 034301
^{109}Xe	2007KOZO	NUCLEAR REACTIONS ^{58}Ni(^{54}Fe, xnyp), E=195-265 MeV; measured excitation function. Deduced σ for (pn), (2n) channels. ^{109}Te, ^{109}I, ^{109}Xe; deduced σ, Sp, Sn, Sα. CONF Lisbon (PROCON 2007),Proc.P163,Korgul
	2007LIZP	RADIOACTIVITY ^{109}Xe, ^{105}Te(α) [^{109}Xe from ^{54}Fe(^{58}Ni, 3n), E=220-225 MeV]; measured Eα, Ia. ^{109}Xe; deduced $T_{1/2}$. ^{105}Te; deduced $T_{1/2}$, branching ratios to gs and excited states. CONF Lisbon (PROCON 2007),Proc.P123,Liddick
	2008KO04	NUCLEAR REACTIONS ^{54}Fe(^{58}Ni, 2n), (^{58}Ni, 3n), (^{58}Ni, 4n), (^{58}Ni, np), (^{58}Ni, 2np), (^{58}Ni, 3np), (^{58}Ni, n2p), (^{58}Ni, 2n2p), E=195-265 MeV; measured σ, reaction yields. Deduced optimum energy for the production of ^{108}Xe. JOUR PRVCA 77 034301

A=110

^{110}In	2008SI09	NUCLEAR REACTIONS ^{159}Tb(^{16}O, X), E=5.6 MeV / nucleon; measured Eγ, Iγ. ^{77}Kr, ^{84m}Y, ^{80}Sr, ^{75}Br, ^{104}Tc, ^{83}Y, ^{85}Y, ^{87m}Y, ^{81}Sr, ^{83}Sr, ^{85m}Sr, ^{74m}Br, ^{83}Kr, ^{88}Kr, ^{94}Ru, ^{102}Ag, ^{95}Ru, ^{79}Rb, ^{87}Zr, ^{110}In, ^{78}As, ^{112}Ag; deduced σ of fission like events after complete and / or incomplete fusion. Recoil-catcher technique, γ-spectroscopy. JOUR IMPEE 17 549
	2008SI09	NUCLEAR REACTIONS ^{169}Tm(^{16}O, X), E=5.9 MeV / nucleon; measured Eγ, Iγ. ^{107}In;^{66}Ge;^{88}Nb;^{95}Y;^{83}Se;^{99m}Tc;^{109}Sn;^{101}Tc;^{79}As;^{105}In;^{108m}Rh;^{95}Ru;^{92}Y;^{98m}Nb;^{87}Kr;^{92}Sr; deduced σ of fission like events after complete and / or incomplete fusion. Recoil-catcher technique, γ-spectroscopy. JOUR IMPEE 17 549
^{110}Te	2007HEZV	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm, ^{113}Xe, ^{111,112,113}I, ^{109,110,111,112}Te, ^{107,109,111}Sb, ^{105,106}Sn, ^{102,103,104,105}In, ^{101,102,103,104}Cd, ^{99,101,103}Ag, ^{89,90,91,92,93,94}Tc, ^{90,91,92,94,96}Ru, ^{92,93,95,96,97,98}Rh; measured masses. SHIPTRAP penning trap spectrometer. CONF Lisbon (PROCON 2007),Proc.P319,Herfurth

A=110 *(continued)*

^{110}I	2008KO04	NUCLEAR REACTIONS ^{54}Fe(^{58}Ni, 2n), (^{58}Ni, 3n), (^{58}Ni, 4n), (^{58}Ni, np), (^{58}Ni, 2np), (^{58}Ni, 3np), (^{58}Ni, n2p), (^{58}Ni, 2n2p), E=195-265 MeV; measured σ, reaction yields. Deduced optimum energy for the production of ^{108}Xe. JOUR PRVCA 77 034301
^{110}Xe	2007CEZX	NUCLEAR REACTIONS ^{58}Ni(^{54}Fe, 2n), ^{58}Ni(^{54}Fe, 2np), E=195 MeV; measured Eγ, Iγ, $\gamma\gamma$, (recoil)γ(t) coin. ^{110}Xe; deduced levels. ^{109}I; deduced $T_{1/2}$, levels, band structure. CONF Lisbon (PROCON 2007),Proc.P156,Cederwall
	2008KO04	NUCLEAR REACTIONS ^{54}Fe(^{58}Ni, 2n), (^{58}Ni, 3n), (^{58}Ni, 4n), (^{58}Ni, np), (^{58}Ni, 2np), (^{58}Ni, 3np), (^{58}Ni, n2p), (^{58}Ni, 2n2p), E=195-265 MeV; measured σ, reaction yields. Deduced optimum energy for the production of ^{108}Xe. JOUR PRVCA 77 034301

A=111

^{111}Pd	2008KR05	NUCLEAR REACTIONS ^{102,104,105,106,108,110}Pd(n, γ), E=thermal; measured neutron capture σ, Eγ, Iγ, $\gamma\gamma$-coin, γ widths, multipolarities. ^{103,105,106,107,109,111}Pd; deduced levels, J, π. JOUR PRVCA 77 054615
^{111}Sb	2007HEZV	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm, ^{113}Xe, ^{111,112,113}I, ^{109,110,111,112}Te, ^{107,109,111}Sb, ^{105,106}Sn, ^{102,103,104,105}In, ^{101,102,103,104}Cd, ^{99,101,103}Ag, ^{89,90,91,92,93,94}Tc, ^{90,91,92,94,96}Ru, ^{92,93,95,96,97,98}Rh; measured masses. SHIPTRAP penning trap spectrometer. CONF Lisbon (PROCON 2007),Proc.P319,Herfurth
^{111}Te	2007HEZV	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm, ^{113}Xe, ^{111,112,113}I, ^{109,110,111,112}Te, ^{107,109,111}Sb, ^{105,106}Sn, ^{102,103,104,105}In, ^{101,102,103,104}Cd, ^{99,101,103}Ag, ^{89,90,91,92,93,94}Tc, ^{90,91,92,94,96}Ru, ^{92,93,95,96,97,98}Rh; measured masses. SHIPTRAP penning trap spectrometer. CONF Lisbon (PROCON 2007),Proc.P319,Herfurth
^{111}I	2007HEZV	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm, ^{113}Xe, ^{111,112,113}I, ^{109,110,111,112}Te, ^{107,109,111}Sb, ^{105,106}Sn, ^{102,103,104,105}In, ^{101,102,103,104}Cd, ^{99,101,103}Ag, ^{89,90,91,92,93,94}Tc, ^{90,91,92,94,96}Ru, ^{92,93,95,96,97,98}Rh; measured masses. SHIPTRAP penning trap spectrometer. CONF Lisbon (PROCON 2007),Proc.P319,Herfurth

A=112

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

A=112 *(continued)*

	2008SI09	NUCLEAR REACTIONS ^{169}Tm(^{16}O, X), E=5.9 MeV / nucleon; measured Eγ, Iγ. ^{107}In;^{66}Ge;^{88}Nb;^{95}Y;^{83}Se;^{99m}Tc;^{109}Sn;^{101}Tc;^{79}As;^{105}In;^{108m}Rh;^{95}Ru;^{92}Y;^{98m}Nb;^{87}Kr;^{92}Sr; deduced σ of fission like events after complete and / or incomplete fusion. Recoil-catcher technique, γ-spectroscopy. JOUR IMPEE 17 549
^{112}Te	2007HEZV	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm, ^{113}Xe, ^{111,112,113}I, ^{109,110,111,112}Te, ^{107,109,111}Sb, ^{105,106}Sn, ^{102,103,104,105}In, ^{101,102,103,104}Cd, ^{99,101,103}Ag, ^{89,90,91,92,93,94}Tc, ^{90,91,92,94,96}Ru, ^{92,93,95,96,97,98}Rh; measured masses. SHIPTRAP penning trap spectrometer. CONF Lisbon (PROCON 2007),Proc.P319,Herfurth
^{112}I	2007HEZV	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm, ^{113}Xe, ^{111,112,113}I, ^{109,110,111,112}Te, ^{107,109,111}Sb, ^{105,106}Sn, ^{102,103,104,105}In, ^{101,102,103,104}Cd, ^{99,101,103}Ag, ^{89,90,91,92,93,94}Tc, ^{90,91,92,94,96}Ru, ^{92,93,95,96,97,98}Rh; measured masses. SHIPTRAP penning trap spectrometer. CONF Lisbon (PROCON 2007),Proc.P319,Herfurth

A=113

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

A=114

No references found

A=115

^{115}Ag	2008SI09	NUCLEAR REACTIONS ^{169}Tm(^{16}O, X), E=5.9 MeV / nucleon; measured Eγ, Iγ. ^{107}In;^{66}Ge;^{88}Nb;^{95}Y;^{83}Se;^{99m}Tc;^{109}Sn;^{101}Tc;^{79}As;^{105}In;^{108m}Rh;^{95}Ru;^{92}Y;^{98m}Nb;^{87}Kr;^{92}Sr; deduced σ of fission like events after complete and / or incomplete fusion. Recoil-catcher technique, γ-spectroscopy. JOUR IMPEE 17 549

A=116

^{116}In	2008VO04	NUCLEAR REACTIONS ^{180,182}Hf(n, γ), E=thermal; measured Eγ, Iγ, σ, reaction rates. ^{94,96}Zr(n, γ), E=thermal; measured reaction rates. ^{23}Na, ^{37}Cl, ^{55}Mn, ^{115}In, ^{179}Hf, ^{182}Ta(n, γ), E=thermal; measured Eγ. JOUR PRVCA 77 044608
^{116}Xe	2007LIZR	RADIOACTIVITY ^{117}Ba(β^+p) [from Ni(^{70}Ge, X)]; measured β-delayed proton spectra, Eγ, Iγ, $\gamma\gamma$- coin, $T_{1/2}$. ^{117}Ba; deduced levels, J.π. CONF Lisbon (PROCON 2007),Proc.P34,Liu
^{116}Ba	2007LIZR	RADIOACTIVITY ^{117}La(p) [from ^{64}Zn(^{58}Ni, xpyn), E=305 MeV]; measured Ep, Ip, $T_{1/2}$, pγ-, $\gamma\gamma$-coin; ^{117}La; deduced $T_{1/2}$, γ feeding to proton unbound level. CONF Lisbon (PROCON 2007),Proc.P34,Liu

A=117

^{117}Ru	2006TOZW	RADIOACTIVITY ^{117}Ru, ^{120}Rh, ^{121}Pd, ^{123,124,125}Ag, ^{125,126,127}Cd, ^{126,127,129}In, ^{129}Sn(IT); measured Eγ, Iγ, (fragment)γ, $\gamma\gamma$-coin, isomeric half-lives; deduced levels, J, π. THESIS B E Tomlin, Michigan State Univ.
^{117}Sb	2008JO03	NUCLEAR REACTIONS ^{27}Al(^{178}Hf, X)^{121}Sb / ^{123}Sb, E=1150 MeV; measured Eγ, Iγ, half-lives of isomers, internal conversion coefficients; deduced multipolarities, mixing ratios, $\gamma\gamma(\theta)$. ^{121,123}Sb; deduced levels, J, π. ^{120,122}Sn, ^{117,119,125,126,127,128,129,130,131}Sb; systematics. JOUR PRVCA 77 034311
^{117}Ba	2007LIZR	RADIOACTIVITY ^{117}Ba(β^+p) [from Ni(^{70}Ge, X)]; measured β-delayed proton spectra, Eγ, Iγ, $\gamma\gamma$- coin, $T_{1/2}$. ^{117}Ba; deduced levels, J.π. CONF Lisbon (PROCON 2007),Proc.P34,Liu
^{117}La	2007LIZR	RADIOACTIVITY ^{117}La(p) [from ^{64}Zn(^{58}Ni, xpyn), E=305 MeV]; measured Ep, Ip, $T_{1/2}$, pγ-, $\gamma\gamma$-coin; ^{117}La; deduced $T_{1/2}$, γ feeding to proton unbound level. CONF Lisbon (PROCON 2007),Proc.P34,Liu

A=118

^{118}Sn	2008NI04	NUCLEAR REACTIONS ^{117,119}Sn(n, γ), E=15-100, 550 keV; measured Eγ, Iγ, cross sections. Compared results to existing data and evaluated cross sections. JOUR JNSTA 45 352

A=119

^{119}Rh	2006TOZW	RADIOACTIVITY ^{126}Cd, ^{122}Ag, ^{121,122}Pd, ^{119,120}Rh(β^-); measured Eγ, Iγ, $\beta\gamma$, $\gamma\gamma$-coin, half-lives; deduced levels, J, π. THESIS B E Tomlin, Michigan State Univ.
^{119}Pd	2006TOZW	RADIOACTIVITY ^{126}Cd, ^{122}Ag, ^{121,122}Pd, ^{119,120}Rh(β^-); measured Eγ, Iγ, $\beta\gamma$, $\gamma\gamma$-coin, half-lives; deduced levels, J, π. THESIS B E Tomlin, Michigan State Univ.

A=119 *(continued)*

^{119}Sb	2008JO03	NUCLEAR REACTIONS ^{27}Al(^{178}Hf, X)^{121}Sb / ^{123}Sb, E=1150 MeV; measured Eγ, Iγ, half-lives of isomers, internal conversion coefficients; deduced multipolarities, mixing ratios, $\gamma\gamma(\theta)$. ^{121,123}Sb; deduced levels, J, π. ^{120,122}Sn, ^{117,119,125,126,127,128,129,130,131}Sb; systematics. JOUR PRVCA 77 034311

A=120

^{120}Rh	2006TOZW	RADIOACTIVITY ^{117}Ru, ^{120}Rh, ^{121}Pd, ^{123,124,125}Ag, ^{125,126,127}Cd, ^{126,127,129}In, ^{129}Sn(IT); measured Eγ, Iγ, (fragment)γ, $\gamma\gamma$-coin, isomeric half-lives; deduced levels, J, π. THESIS B E Tomlin, Michigan State Univ.
	2006TOZW	RADIOACTIVITY ^{126}Cd, ^{122}Ag, ^{121,122}Pd, ^{119,120}Rh(β^-); measured Eγ, Iγ, $\beta\gamma$, $\gamma\gamma$-coin, half-lives; deduced levels, J, π. THESIS B E Tomlin, Michigan State Univ.
^{120}Pd	2006TOZW	RADIOACTIVITY ^{126}Cd, ^{122}Ag, ^{121,122}Pd, ^{119,120}Rh(β^-); measured Eγ, Iγ, $\beta\gamma$, $\gamma\gamma$-coin, half-lives; deduced levels, J, π. THESIS B E Tomlin, Michigan State Univ.
^{120}Sn	2008JO03	NUCLEAR REACTIONS ^{27}Al(^{178}Hf, X)^{121}Sb / ^{123}Sb, E=1150 MeV; measured Eγ, Iγ, half-lives of isomers, internal conversion coefficients; deduced multipolarities, mixing ratios, $\gamma\gamma(\theta)$. ^{121,123}Sb; deduced levels, J, π. ^{120,122}Sn, ^{117,119,125,126,127,128,129,130,131}Sb; systematics. JOUR PRVCA 77 034311
	2008NI04	NUCLEAR REACTIONS ^{117,119}Sn(n, γ), E=15-100, 550 keV; measured Eγ, Iγ, cross sections. Compared results to existing data and evaluated cross sections. JOUR JNSTA 45 352
^{120}Ce	2007DAZU	RADIOACTIVITY ^{121}Pr(p) [from ^{92}Mo(p, 6n)^{121}Pr; measured Ep, Ip. ^{121}Pr; deduced $T_{1/2}$. CONF Lisbon (PROCON 2007),Proc.P3,Davids

A=121

^{121}Pd	2006TOZW	RADIOACTIVITY ^{117}Ru, ^{120}Rh, ^{121}Pd, ^{123,124,125}Ag, ^{125,126,127}Cd, ^{126,127,129}In, ^{129}Sn(IT); measured Eγ, Iγ, (fragment)γ, $\gamma\gamma$-coin, isomeric half-lives; deduced levels, J, π. THESIS B E Tomlin, Michigan State Univ.
	2006TOZW	RADIOACTIVITY ^{126}Cd, ^{122}Ag, ^{121,122}Pd, ^{119,120}Rh(β^-); measured Eγ, Iγ, $\beta\gamma$, $\gamma\gamma$-coin, half-lives; deduced levels, J, π. THESIS B E Tomlin, Michigan State Univ.
^{121}Ag	2006TOZW	RADIOACTIVITY ^{126}Cd, ^{122}Ag, ^{121,122}Pd, ^{119,120}Rh(β^-); measured Eγ, Iγ, $\beta\gamma$, $\gamma\gamma$-coin, half-lives; deduced levels, J, π. THESIS B E Tomlin, Michigan State Univ.
^{121}Sb	2008JO03	NUCLEAR REACTIONS ^{27}Al(^{178}Hf, X)^{121}Sb / ^{123}Sb, E=1150 MeV; measured Eγ, Iγ, half-lives of isomers, internal conversion coefficients; deduced multipolarities, mixing ratios, $\gamma\gamma(\theta)$. ^{121,123}Sb; deduced levels, J, π. ^{120,122}Sn, ^{117,119,125,126,127,128,129,130,131}Sb; systematics. JOUR PRVCA 77 034311

A=121 *(continued)*

^{121}Pr	2007DAZU	RADIOACTIVITY ^{121}Pr(p) [from ^{92}Mo(p, 6n)^{121}Pr; measured Ep, Ip. ^{121}Pr; deduced $T_{1/2}$. CONF Lisbon (PROCON 2007),Proc.P3,Davids

A=122

^{122}Pd	2006TOZW	RADIOACTIVITY ^{126}Cd, ^{122}Ag, ^{121,122}Pd, ^{119,120}Rh(β^-); measured Eγ, Iγ, $\beta\gamma$, $\gamma\gamma$-coin, half-lives; deduced levels, J, π. THESIS B E Tomlin, Michigan State Univ.
^{122}Ag	2006TOZW	RADIOACTIVITY ^{126}Cd, ^{122}Ag, ^{121,122}Pd, ^{119,120}Rh(β^-); measured Eγ, Iγ, $\beta\gamma$, $\gamma\gamma$-coin, half-lives; deduced levels, J, π. THESIS B E Tomlin, Michigan State Univ.
^{122}Cd	2006TOZW	RADIOACTIVITY ^{126}Cd, ^{122}Ag, ^{121,122}Pd, ^{119,120}Rh(β^-); measured Eγ, Iγ, $\beta\gamma$, $\gamma\gamma$-coin, half-lives; deduced levels, J, π. THESIS B E Tomlin, Michigan State Univ.
^{122}Sn	2008JO03	NUCLEAR REACTIONS ^{27}Al(^{178}Hf, X)^{121}Sb / ^{123}Sb, E=1150 MeV; measured Eγ, Iγ, half-lives of isomers, internal conversion coefficients; deduced multipolarities, mixing ratios, $\gamma\gamma(\theta)$. ^{121,123}Sb; deduced levels, J, π. ^{120,122}Sn, ^{117,119,125,126,127,128,129,130,131}Sb; systematics. JOUR PRVCA 77 034311
^{122}La	2007PEZU	NUCLEAR REACTIONS ^{92}Mo(^{40}Ca, xnypzα)^{122}La, E=200 MeV; measured Eγ, Iγ, n, x-rays, charged particle. ^{122}La; deduced levels, J, π, bands. CONF Lisbon (PROCON 2007),Proc.P255,Petrache

A=123

^{123}Ag	2006TOZW	RADIOACTIVITY ^{117}Ru, ^{120}Rh, ^{121}Pd, ^{123,124,125}Ag, ^{125,126,127}Cd, ^{126,127,129}In, ^{129}Sn(IT); measured Eγ, Iγ, (fragment)γ, $\gamma\gamma$-coin, isomeric half-lives; deduced levels, J, π. THESIS B E Tomlin, Michigan State Univ.
^{123}In	2005SCZO	RADIOACTIVITY ^{123,125,126,127,128,129,130}In, ^{125}Cd(IT); Measured Eγ, Iγ, lifetimes of isomeric states; Deduced level energies, J, π, B(M2). THESIS A Scherillo, Univ of Cologne
^{123}Sb	2008JO03	NUCLEAR REACTIONS ^{27}Al(^{178}Hf, X)^{121}Sb / ^{123}Sb, E=1150 MeV; measured Eγ, Iγ, half-lives of isomers, internal conversion coefficients; deduced multipolarities, mixing ratios, $\gamma\gamma(\theta)$. ^{121,123}Sb; deduced levels, J, π. ^{120,122}Sn, ^{117,119,125,126,127,128,129,130,131}Sb; systematics. JOUR PRVCA 77 034311

A=124

^{124}Ag	2006TOZW	RADIOACTIVITY ^{117}Ru, ^{120}Rh, ^{121}Pd, ^{123,124,125}Ag, ^{125,126,127}Cd, ^{126,127,129}In, ^{129}Sn(IT); measured Eγ, Iγ, (fragment)γ, $\gamma\gamma$-coin, isomeric half-lives; deduced levels, J, π. THESIS B E Tomlin, Michigan State Univ.

A=124 *(continued)*

^{124}Xe	2008AL12	NUCLEAR REACTIONS ^{82}Se(^{48}Ca, 6n), E=205 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin using Gammasphere. ^{124}Xe deduced levels, J, π. JOUR ZAANE 36 21

A=125

^{125}Ag	2006TOZW	RADIOACTIVITY ^{117}Ru, ^{120}Rh, ^{121}Pd, ^{123,124,125}Ag, ^{125,126,127}Cd, ^{126,127,129}In, ^{129}Sn(IT); measured Eγ, Iγ, (fragment)γ, $\gamma\gamma$-coin, isomeric half-lives; deduced levels, J, π. THESIS B E Tomlin, Michigan State Univ.
^{125}Cd	2005SCZO	RADIOACTIVITY ^{123,125,126,127,128,129,130}In, ^{125}Cd(IT); Measured Eγ, Iγ, lifetimes of isomeric states; Deduced level energies, J, π, B(M2). THESIS A Scherillo, Univ of Cologne
	2006TOZW	RADIOACTIVITY ^{117}Ru, ^{120}Rh, ^{121}Pd, ^{123,124,125}Ag, ^{125,126,127}Cd, ^{126,127,129}In, ^{129}Sn(IT); measured Eγ, Iγ, (fragment)γ, $\gamma\gamma$-coin, isomeric half-lives; deduced levels, J, π. THESIS B E Tomlin, Michigan State Univ.
^{125}In	2005SCZO	RADIOACTIVITY ^{123,125,126,127,128,129,130}In, ^{125}Cd(IT); Measured Eγ, Iγ, lifetimes of isomeric states; Deduced level energies, J, π, B(M2). THESIS A Scherillo, Univ of Cologne
^{125}Sb	2008JO03	NUCLEAR REACTIONS ^{27}Al(^{178}Hf, X)^{121}Sb / ^{123}Sb, E=1150 MeV; measured Eγ, Iγ, half-lives of isomers, internal conversion coefficients; deduced multipolarities, mixing ratios, $\gamma\gamma(\theta)$. ^{121,123}Sb; deduced levels, J, π. ^{120,122}Sn, ^{117,119,125,126,127,128,129,130,131}Sb; systematics. JOUR PRVCA 77 034311

A=126

^{126}Cd	2006TOZW	RADIOACTIVITY ^{117}Ru, ^{120}Rh, ^{121}Pd, ^{123,124,125}Ag, ^{125,126,127}Cd, ^{126,127,129}In, ^{129}Sn(IT); measured Eγ, Iγ, (fragment)γ, $\gamma\gamma$-coin, isomeric half-lives; deduced levels, J, π. THESIS B E Tomlin, Michigan State Univ.
	2006TOZW	RADIOACTIVITY ^{126}Cd, ^{122}Ag, ^{121,122}Pd, ^{119,120}Rh(β^-); measured Eγ, Iγ, $\beta\gamma$, $\gamma\gamma$-coin, half-lives; deduced levels, J, π. THESIS B E Tomlin, Michigan State Univ.
^{126}In	2005SCZO	RADIOACTIVITY ^{123,125,126,127,128,129,130}In, ^{125}Cd(IT); Measured Eγ, Iγ, lifetimes of isomeric states; Deduced level energies, J, π, B(M2). THESIS A Scherillo, Univ of Cologne
	2006TOZW	RADIOACTIVITY ^{117}Ru, ^{120}Rh, ^{121}Pd, ^{123,124,125}Ag, ^{125,126,127}Cd, ^{126,127,129}In, ^{129}Sn(IT); measured Eγ, Iγ, (fragment)γ, $\gamma\gamma$-coin, isomeric half-lives; deduced levels, J, π. THESIS B E Tomlin, Michigan State Univ.
	2006TOZW	RADIOACTIVITY ^{126}Cd, ^{122}Ag, ^{121,122}Pd, ^{119,120}Rh(β^-); measured Eγ, Iγ, $\beta\gamma$, $\gamma\gamma$-coin, half-lives; deduced levels, J, π. THESIS B E Tomlin, Michigan State Univ.

A=126 *(continued)*

^{126}Sb	2008JO03	NUCLEAR REACTIONS ^{27}Al(^{178}Hf, X)^{121}Sb / ^{123}Sb, E=1150 MeV; measured Eγ, Iγ, half-lives of isomers, internal conversion coefficients; deduced multipolarities, mixing ratios, $\gamma\gamma(\theta)$. ^{121,123}Sb; deduced levels, J, π. ^{120,122}Sn, ^{117,119,125,126,127,128,129,130,131}Sb; systematics. JOUR PRVCA 77 034311

A=127

^{127}Cd	2006TOZW	RADIOACTIVITY ^{117}Ru, ^{120}Rh, ^{121}Pd, ^{123,124,125}Ag, ^{125,126,127}Cd, ^{126,127,129}In, ^{129}Sn(IT); measured Eγ, Iγ, (fragment)γ, $\gamma\gamma$-coin, isomeric half-lives; deduced levels, J, π. THESIS B E Tomlin, Michigan State Univ.
^{127}In	2005SCZO	RADIOACTIVITY ^{123,125,126,127,128,129,130}In, ^{125}Cd(IT); Measured Eγ, Iγ, lifetimes of isomeric states; Deduced level energies, J, π, B(M2). THESIS A Scherillo, Univ of Cologne
	2006TOZW	RADIOACTIVITY ^{117}Ru, ^{120}Rh, ^{121}Pd, ^{123,124,125}Ag, ^{125,126,127}Cd, ^{126,127,129}In, ^{129}Sn(IT); measured Eγ, Iγ, (fragment)γ, $\gamma\gamma$-coin, isomeric half-lives; deduced levels, J, π. THESIS B E Tomlin, Michigan State Univ.
^{127}Sb	2008JO03	NUCLEAR REACTIONS ^{27}Al(^{178}Hf, X)^{121}Sb / ^{123}Sb, E=1150 MeV; measured Eγ, Iγ, half-lives of isomers, internal conversion coefficients; deduced multipolarities, mixing ratios, $\gamma\gamma(\theta)$. ^{121,123}Sb; deduced levels, J, π. ^{120,122}Sn, ^{117,119,125,126,127,128,129,130,131}Sb; systematics. JOUR PRVCA 77 034311

A=128

^{128}In	2005SCZO	RADIOACTIVITY ^{123,125,126,127,128,129,130}In, ^{125}Cd(IT); Measured Eγ, Iγ, lifetimes of isomeric states; Deduced level energies, J, π, B(M2). THESIS A Scherillo, Univ of Cologne
^{128}Sb	2008JO03	NUCLEAR REACTIONS ^{27}Al(^{178}Hf, X)^{121}Sb / ^{123}Sb, E=1150 MeV; measured Eγ, Iγ, half-lives of isomers, internal conversion coefficients; deduced multipolarities, mixing ratios, $\gamma\gamma(\theta)$. ^{121,123}Sb; deduced levels, J, π. ^{120,122}Sn, ^{117,119,125,126,127,128,129,130,131}Sb; systematics. JOUR PRVCA 77 034311

A=129

^{129}In	2005SCZO	RADIOACTIVITY ^{123,125,126,127,128,129,130}In, ^{125}Cd(IT); Measured Eγ, Iγ, lifetimes of isomeric states; Deduced level energies, J, π, B(M2). THESIS A Scherillo, Univ of Cologne
	2006TOZW	RADIOACTIVITY ^{117}Ru, ^{120}Rh, ^{121}Pd, ^{123,124,125}Ag, ^{125,126,127}Cd, ^{126,127,129}In, ^{129}Sn(IT); measured Eγ, Iγ, (fragment)γ, $\gamma\gamma$-coin, isomeric half-lives; deduced levels, J, π. THESIS B E Tomlin, Michigan State Univ.

A=129 *(continued)*

^{129}Sn	2006TOZW	RADIOACTIVITY ^{117}Ru, ^{120}Rh, ^{121}Pd, ^{123,124,125}Ag, ^{125,126,127}Cd, ^{126,127,129}In, ^{129}Sn(IT); measured Eγ, Iγ, (fragment)γ, $\gamma\gamma$-coin, isomeric half-lives; deduced levels, J, π. THESIS B E Tomlin, Michigan State Univ.
^{129}Sb	2008JO03	NUCLEAR REACTIONS ^{27}Al(^{178}Hf, X)^{121}Sb / ^{123}Sb, E=1150 MeV; measured Eγ, Iγ, half-lives of isomers, internal conversion coefficients; deduced multipolarities, mixing ratios, $\gamma\gamma(\theta)$. ^{121,123}Sb; deduced levels, J, π. ^{120,122}Sn, ^{117,119,125,126,127,128,129,130,131}Sb; systematics. JOUR PRVCA 77 034311

A=130

^{130}In	2005SCZO	RADIOACTIVITY ^{123,125,126,127,128,129,130}In, ^{125}Cd(IT); Measured Eγ, Iγ, lifetimes of isomeric states; Deduced level energies, J, π, B(M2). THESIS A Scherillo, Univ of Cologne
^{130}Sb	2008JO03	NUCLEAR REACTIONS ^{27}Al(^{178}Hf, X)^{121}Sb / ^{123}Sb, E=1150 MeV; measured Eγ, Iγ, half-lives of isomers, internal conversion coefficients; deduced multipolarities, mixing ratios, $\gamma\gamma(\theta)$. ^{121,123}Sb; deduced levels, J, π. ^{120,122}Sn, ^{117,119,125,126,127,128,129,130,131}Sb; systematics. JOUR PRVCA 77 034311

A=131

^{131}Sb	2008JO03	NUCLEAR REACTIONS ^{27}Al(^{178}Hf, X)^{121}Sb / ^{123}Sb, E=1150 MeV; measured Eγ, Iγ, half-lives of isomers, internal conversion coefficients; deduced multipolarities, mixing ratios, $\gamma\gamma(\theta)$. ^{121,123}Sb; deduced levels, J, π. ^{120,122}Sn, ^{117,119,125,126,127,128,129,130,131}Sb; systematics. JOUR PRVCA 77 034311

A=132

No references found

A=133

No references found

A=134

^{134}Cs	2008HA11	RADIOACTIVITY ^{134}Cs, ^{137}Ba(IT); measured Eγ, Iγ, E(X-ray), I(X-ray); deduced ICC. Compared results to existing data and to model calculations. JOUR ARISE 66 701

A=134 ***(continued)***

2008NI02 RADIOACTIVITY ^{139}Ba(β^-) [from ^{138}Ba(n, γ)]; measured K-shell internal conversion coefficients. ^{134}Cs, ^{137}Ba; analyzed K-shell internal conversion coefficients. ^{134}Cs, ^{137}Ba, ^{139}La; deduced experimental α_K and compared with theory. JOUR PRVCA 77 034306

A=135

No references found

A=136

^{136}Xe 2008SA19 NUCLEAR REACTIONS ^{136}Xe(γ, γ'), E not given; measured Eγ, Iγ, B(E1). Comparison with quasiparticle phonon model. JOUR PRLTA 100 232501

^{136}Pm 2007CUZZ NUCLEAR REACTIONS ^{92}Mo(^{54}Fe, xnypzα)^{136}Pm, E=315 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{136}Pm; deduced levels, band, $T_{1/2}$. CONF Lisbon (PROCON 2007),Proc.P278,Cullen

A=137

^{137}Ba 2008HA11 RADIOACTIVITY ^{134}Cs, ^{137}Ba(IT); measured Eγ, Iγ, E(X-ray), I(X-ray); deduced ICC. Compared results to existing data and to model calculations. JOUR ARISE 66 701

2008NI02 RADIOACTIVITY ^{139}Ba(β^-) [from ^{138}Ba(n, γ)]; measured K-shell internal conversion coefficients. ^{134}Cs, ^{137}Ba; analyzed K-shell internal conversion coefficients. ^{134}Cs, ^{137}Ba, ^{139}La; deduced experimental α_K and compared with theory. JOUR PRVCA 77 034306

A=138

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

A=139

^{139}Ba 2008NI02 RADIOACTIVITY ^{139}Ba(β^-) [from ^{138}Ba(n, γ)]; measured K-shell internal conversion coefficients. ^{134}Cs, ^{137}Ba; analyzed K-shell internal conversion coefficients. ^{134}Cs, ^{137}Ba, ^{139}La; deduced experimental α_K and compared with theory. JOUR PRVCA 77 034306

A=139 *(continued)*

^{139}La	2008DE16	ATOMIC MASSES ^{96,98,99,100,101,102,104}Ru; measured absolute isotopic abundances by thermal-ionization mass spectrometry. ^{92,94,95,96,97,98,100}Mo, ^{138,139}La, ^{168,170,171,172,173,174,176}Yb, ^{180,181}Ta; compiled absolute isotopic abundances. JOUR PRVCA 77 045803
	2008NI02	RADIOACTIVITY ^{139}Ba(β^-) [from ^{138}Ba(n, γ)]; measured K-shell internal conversion coefficients. ^{134}Cs, ^{137}Ba; analyzed K-shell internal conversion coefficients. ^{134}Cs, ^{137}Ba, ^{139}La; deduced experimental α_K and compared with theory. JOUR PRVCA 77 034306

A=140

^{140}Nd	2008NA05	NUCLEAR REACTIONS ^{92}Mo(γ, p), (γ, n), (γ, α), E not given; ^{144}Sm(γ, n), (γ, α), E not given; measured Eγ, Iγ, activation yields. Comparison with model calculations. JOUR JPGPE 35 014036
^{140}Eu	2007BAZQ	NUCLEAR REACTIONS ^{92}Mo(^{54}Fe, n5p)^{140}Eu, E=315 MeV; ^{92}Mo(^{54}Fe, n3p)^{142}Tb, E=250 MeV;^{92}Mo(^{54}Fe, np)^{144}Ho, E=225 MeV; ^{92}Mo(^{58}Ni, 3np)^{146}Tm, E=297 MeV; measured Eγ, Iγ, $\gamma\gamma$ coin, ce, $\gamma\gamma$(t). ^{140}Eu; deduced $T_{1/2}$, levels, J, π. ^{142}Tb; deduced $T_{1/2}$, levels, J, π. ^{144}Ho; deduced $T_{1/2}$, levels, J, π. CONF Lisbon (PROCON 2007),Proc.P291,Batchelder
^{140}Dy	2007KAZO	RADIOACTIVITY ^{141,141m}Ho(p) [from ^{92}Mo(^{56}Fe, xpyn), E=290, 300 MeV]; measured Ep, Ip, ; ^{141gs}Ho; deduced p-decay to gs and 2^+ state of ^{140}Dy, branching, $T_{1/2}$. ^{141m}Ho; deduced p-decay to gs and 2^+ state of ^{140}Dy, branching, $T_{1/2}$. CONF Lisbon (PROCON 2007),Proc.P22,Karny
	2008KA16	RADIOACTIVITY ^{141}Ho(p) [from ^{92}Mo(^{54}Fe, X), E=290, 300 MeV]; measured Ep, Ip, $T_{1/2}$. JOUR PYLBB 664 52

A=141

^{141}Ho	2007KAZO	RADIOACTIVITY ^{141,141m}Ho(p) [from ^{92}Mo(^{56}Fe, xpyn), E=290, 300 MeV]; measured Ep, Ip, ; ^{141gs}Ho; deduced p-decay to gs and 2^+ state of ^{140}Dy, branching, $T_{1/2}$. ^{141m}Ho; deduced p-decay to gs and 2^+ state of ^{140}Dy, branching, $T_{1/2}$. CONF Lisbon (PROCON 2007),Proc.P22,Karny
	2008KA16	RADIOACTIVITY ^{141}Ho(p) [from ^{92}Mo(^{54}Fe, X), E=290, 300 MeV]; measured Ep, Ip, $T_{1/2}$. JOUR PYLBB 664 52

A=142

^{142}Tb	2007BAZQ	NUCLEAR REACTIONS ^{92}Mo(^{54}Fe, n5p)^{140}Eu, E=315 MeV; ^{92}Mo(^{54}Fe, n3p)^{142}Tb, E=250 MeV;^{92}Mo(^{54}Fe, np)^{144}Ho, E=225 MeV; ^{92}Mo(^{58}Ni, 3np)^{146}Tm, E=297 MeV; measured Eγ, Iγ, $\gamma\gamma$ coin, ce, $\gamma\gamma$(t). ^{140}Eu; deduced $T_{1/2}$, levels, J, π. ^{142}Tb; deduced $T_{1/2}$, levels, J, π. ^{144}Ho; deduced $T_{1/2}$, levels, J, π. CONF Lisbon (PROCON 2007),Proc.P291,Batchelder

A=142 *(continued)*

	2007CUZZ	NUCLEAR REACTIONS ^{92}Mo(^{54}Fe, n3p)^{142}Tb, E=245, 252, 265 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{142m2}Tb; deduced $T_{1/2}$. CONF Lisbon (PROCON 2007),Proc.P278,Cullen

A=143

^{143}Sm	2008NA05	NUCLEAR REACTIONS ^{92}Mo(γ, p), (γ, n), (γ, α), E not given; ^{144}Sm(γ, n), (γ, α), E not given; measured Eγ, Iγ, activation yields. Comparison with model calculations. JOUR JPGPE 35 014036
^{143}Tb	2007HEZV	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm, ^{113}Xe, ^{111,112,113}I, ^{109,110,111,112}Te, ^{107,109,111}Sb, ^{105,106}Sn, ^{102,103,104,105}In, ^{101,102,103,104}Cd, ^{99,101,103}Ag, ^{89,90,91,92,93,94}Tc, ^{90,91,92,94,96}Ru, ^{92,93,95,96,97,98}Rh; measured masses. SHIPTRAP penning trap spectrometer. CONF Lisbon (PROCON 2007),Proc.P319,Herfurth
^{143}Dy	2007HEZV	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm, ^{113}Xe, ^{111,112,113}I, ^{109,110,111,112}Te, ^{107,109,111}Sb, ^{105,106}Sn, ^{102,103,104,105}In, ^{101,102,103,104}Cd, ^{99,101,103}Ag, ^{89,90,91,92,93,94}Tc, ^{90,91,92,94,96}Ru, ^{92,93,95,96,97,98}Rh; measured masses. SHIPTRAP penning trap spectrometer. CONF Lisbon (PROCON 2007),Proc.P319,Herfurth

A=144

^{144}Dy	2007HEZV	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm, ^{113}Xe, ^{111,112,113}I, ^{109,110,111,112}Te, ^{107,109,111}Sb, ^{105,106}Sn, ^{102,103,104,105}In, ^{101,102,103,104}Cd, ^{99,101,103}Ag, ^{89,90,91,92,93,94}Tc, ^{90,91,92,94,96}Ru, ^{92,93,95,96,97,98}Rh; measured masses. SHIPTRAP penning trap spectrometer. CONF Lisbon (PROCON 2007),Proc.P319,Herfurth
^{144}Ho	2007BAZQ	NUCLEAR REACTIONS ^{92}Mo(^{54}Fe, n5p)^{140}Eu, E=315 MeV; ^{92}Mo(^{54}Fe, n3p)^{142}Tb, E=250 MeV;^{92}Mo(^{54}Fe, np)^{144}Ho, E=225 MeV; ^{92}Mo(^{58}Ni, 3np)^{146}Tm, E=297 MeV; measured Eγ, Iγ, $\gamma\gamma$ coin, ce, $\gamma\gamma$(t). ^{140}Eu; deduced $T_{1/2}$, levels, J, π. ^{142}Tb; deduced $T_{1/2}$, levels, J, π. ^{144}Ho; deduced $T_{1/2}$, levels, J, π. CONF Lisbon (PROCON 2007),Proc.P291,Batchelder
	2007HEZV	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm, ^{113}Xe, ^{111,112,113}I, ^{109,110,111,112}Te, ^{107,109,111}Sb, ^{105,106}Sn, ^{102,103,104,105}In, ^{101,102,103,104}Cd, ^{99,101,103}Ag, ^{89,90,91,92,93,94}Tc, ^{90,91,92,94,96}Ru, ^{92,93,95,96,97,98}Rh; measured masses. SHIPTRAP penning trap spectrometer. CONF Lisbon (PROCON 2007),Proc.P319,Herfurth
^{144}Er	2007SEZR	RADIOACTIVITY ^{101}Sn(β^+p) [from ^{46}Ti(^{58}Ni, 3n), E=192 MeV]; ^{145}Tm(p); measured Eπ, Iπ, pγ-coin. CONF Lisbon (PROCON 2007),Proc.P149,Seweryniak

A=145

^{145}Cs	2008WE02	ATOMIC MASSES ^{145,147}Cs, ^{181,183,186,187,196,205}Tl, ^{197,208}Pb, ^{190,191,192,193,194,195,196,197,209,215,216}Bi, ^{203,205,229}Fr, ^{214,229,230}Ra; measured masses using the ISOLTRAP Penning trap mass spectrometer. JOUR NUPAB 803 1
^{145}Nd	2007DAZU	RADIOACTIVITY ^{146}Pm(p); measured Ep, Ip, $T_{1/2}$, pγ coin. ^{146}Pm; deduced levels, J. Fragment Mass Analyzer at ANL, Recoil Decay Tagging technique. CONF Lisbon (PROCON 2007),Proc.P3,Davids
^{145}Dy	2007HEZV	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm, ^{113}Xe, ^{111,112,113}I, ^{109,110,111,112}Te, ^{107,109,111}Sb, ^{105,106}Sn, ^{102,103,104,105}In, ^{101,102,103,104}Cd, ^{99,101,103}Ag, ^{89,90,91,92,93,94}Tc, ^{90,91,92,94,96}Ru, ^{92,93,95,96,97,98}Rh; measured masses. SHIPTRAP penning trap spectrometer. CONF Lisbon (PROCON 2007),Proc.P319,Herfurth
^{145}Ho	2007BAZQ	RADIOACTIVITY ^{146}Tm(β^+p); measured β^+, charged particle spectra; ^{11}Be; deduced three body break-up excited state through ^{10}Be state. CONF Lisbon (PROCON 2007),Proc.P291,Batchelder
	2007HEZV	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm, ^{113}Xe, ^{111,112,113}I, ^{109,110,111,112}Te, ^{107,109,111}Sb, ^{105,106}Sn, ^{102,103,104,105}In, ^{101,102,103,104}Cd, ^{99,101,103}Ag, ^{89,90,91,92,93,94}Tc, ^{90,91,92,94,96}Ru, ^{92,93,95,96,97,98}Rh; measured masses. SHIPTRAP penning trap spectrometer. CONF Lisbon (PROCON 2007),Proc.P319,Herfurth
^{145}Er	2007MAZA	RADIOACTIVITY ^{146}Tm(p); measured Ep, Ip, $T_{1/2}$; ^{146}Tm; deduced levels. ^{145}Er; deduced levels, J, π. CONF Lisbon (PROCON 2007),Proc.P224,Madurga
^{145}Tm	2007SEZR	RADIOACTIVITY ^{101}Sn(β^+p) [from ^{46}Ti(^{58}Ni, 3n), E=192 MeV]; ^{145}Tm(p); measured Eπ, Iπ, pγ-coin. CONF Lisbon (PROCON 2007),Proc.P149,Seweryniak

A=146

^{146}Pm	2007DAZU	RADIOACTIVITY ^{146}Pm(p); measured Ep, Ip, $T_{1/2}$, pγ coin. ^{146}Pm; deduced levels, J. Fragment Mass Analyzer at ANL, Recoil Decay Tagging technique. CONF Lisbon (PROCON 2007),Proc.P3,Davids
^{146}Dy	2007HEZV	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm, ^{113}Xe, ^{111,112,113}I, ^{109,110,111,112}Te, ^{107,109,111}Sb, ^{105,106}Sn, ^{102,103,104,105}In, ^{101,102,103,104}Cd, ^{99,101,103}Ag, ^{89,90,91,92,93,94}Tc, ^{90,91,92,94,96}Ru, ^{92,93,95,96,97,98}Rh; measured masses. SHIPTRAP penning trap spectrometer. CONF Lisbon (PROCON 2007),Proc.P319,Herfurth
^{146}Ho	2007HEZV	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm, ^{113}Xe, ^{111,112,113}I, ^{109,110,111,112}Te, ^{107,109,111}Sb, ^{105,106}Sn, ^{102,103,104,105}In, ^{101,102,103,104}Cd, ^{99,101,103}Ag, ^{89,90,91,92,93,94}Tc, ^{90,91,92,94,96}Ru, ^{92,93,95,96,97,98}Rh; measured masses. SHIPTRAP penning trap spectrometer. CONF Lisbon (PROCON 2007),Proc.P319,Herfurth

A=146 *(continued)*

^{146}Er	2007HEZV	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm, ^{113}Xe, ^{111,112,113}I, ^{109,110,111,112}Te, ^{107,109,111}Sb, ^{105,106}Sn, ^{102,103,104,105}In, ^{101,102,103,104}Cd, ^{99,101,103}Ag, ^{89,90,91,92,93,94}Tc, ^{90,91,92,94,96}Ru, ^{92,93,95,96,97,98}Rh; measured masses. SHIPTRAP penning trap spectrometer. CONF Lisbon (PROCON 2007),Proc.P319,Herfurth
^{146}Tm	2007BAZQ	NUCLEAR REACTIONS ^{92}Mo(^{54}Fe, n5p)^{140}Eu, E=315 MeV; ^{92}Mo(^{54}Fe, n3p)^{142}Tb, E=250 MeV;^{92}Mo(^{54}Fe, np)^{144}Ho, E=225 MeV; ^{92}Mo(^{58}Ni, 3np)^{146}Tm, E=297 MeV; measured Eγ, Iγ, $\gamma\gamma$ coin, ce, $\gamma\gamma$(t). ^{140}Eu; deduced $T_{1/2}$, levels, J, π. ^{142}Tb; deduced $T_{1/2}$, levels, J, π. ^{144}Ho; deduced $T_{1/2}$, levels, J, π. CONF Lisbon (PROCON 2007),Proc.P291,Batchelder
	2007BAZQ	RADIOACTIVITY ^{146}Tm(β^+p); measured β^+, charged particle spectra; ^{11}Be; deduced three body break-up excited state through ^{10}Be state. CONF Lisbon (PROCON 2007),Proc.P291,Batchelder
	2007MAZA	RADIOACTIVITY ^{146}Tm(p); measured Ep, Ip, $T_{1/2}$; ^{146}Tm; deduced levels. ^{145}Er; deduced levels, J, π. CONF Lisbon (PROCON 2007),Proc.P224,Madurga

A=147

^{147}Cs	2008WE02	ATOMIC MASSES ^{145,147}Cs, ^{181,183,186,187,196,205}Tl, ^{197,208}Pb, ^{190,191,192,193,194,195,196,197,209,215,216}Bi, ^{203,205,229}Fr, ^{214,229,230}Ra; measured masses using the ISOLTRAP Penning trap mass spectrometer. JOUR NUPAB 803 1
^{147}Tb	2007HEZV	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm, ^{113}Xe, ^{111,112,113}I, ^{109,110,111,112}Te, ^{107,109,111}Sb, ^{105,106}Sn, ^{102,103,104,105}In, ^{101,102,103,104}Cd, ^{99,101,103}Ag, ^{89,90,91,92,93,94}Tc, ^{90,91,92,94,96}Ru, ^{92,93,95,96,97,98}Rh; measured masses. SHIPTRAP penning trap spectrometer. CONF Lisbon (PROCON 2007),Proc.P319,Herfurth
^{147}Dy	2007HEZV	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm, ^{113}Xe, ^{111,112,113}I, ^{109,110,111,112}Te, ^{107,109,111}Sb, ^{105,106}Sn, ^{102,103,104,105}In, ^{101,102,103,104}Cd, ^{99,101,103}Ag, ^{89,90,91,92,93,94}Tc, ^{90,91,92,94,96}Ru, ^{92,93,95,96,97,98}Rh; measured masses. SHIPTRAP penning trap spectrometer. CONF Lisbon (PROCON 2007),Proc.P319,Herfurth
^{147}Ho	2007HEZV	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm, ^{113}Xe, ^{111,112,113}I, ^{109,110,111,112}Te, ^{107,109,111}Sb, ^{105,106}Sn, ^{102,103,104,105}In, ^{101,102,103,104}Cd, ^{99,101,103}Ag, ^{89,90,91,92,93,94}Tc, ^{90,91,92,94,96}Ru, ^{92,93,95,96,97,98}Rh; measured masses. SHIPTRAP penning trap spectrometer. CONF Lisbon (PROCON 2007),Proc.P319,Herfurth

A=147 *(continued)*

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

A=148

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

A=149

No references found

A=150

^{150}Sm	2007ZIZX	NUCLEAR REACTIONS ^{48}Ti, Se, ^{76}Se, Kr, ^{82}Kr, Cd, ^{106}Cd, Sm, ^{150}Sm(μ, ν), E not given; measured Eγ, Iγ, X-ray energies and intensities; deduced total and partial μ capture rates, yields of radioactive daughter nuclei. CONF Prague (MEDEX'07),Proc.P91,Zinatulina
^{150}Yb	2007LIZR	RADIOACTIVITY ^{151}Lu(p) [from ^{96}Ru(^{58}Ni, p2n), E=256 MeV]; measured Eγ, Iγ, $\gamma\gamma$ coin. ^{151}Lu; deduced levels, J, π. CONF Lisbon (PROCON 2007),Proc.P34,Liu

A=151

^{151}Lu	2007LIZR	RADIOACTIVITY ^{151}Lu(p) [from ^{96}Ru(^{58}Ni, p2n), E=256 MeV]; measured Eγ, Iγ, $\gamma\gamma$ coin. ^{151}Lu; deduced levels, J, π. CONF Lisbon (PROCON 2007),Proc.P34,Liu

A=152

No references found

A=153

^{153}Yb	2007CUZZ	NUCLEAR REACTIONS ^{92}Mo(^{64}Zn, X)^{153}Yb, E=280 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{153}Yb; deduced $T_{1/2}$. CONF Lisbon (PROCON 2007),Proc.P278,Cullen

A=154

^{154}Hf	2007PAZT	RADIOACTIVITY ^{159}Re(p), (α), ^{155}Ta(p) [^{159}Re from ^{106}Cd(^{58}Ni, p4n), E=300 MeV]; measured Eα, Iα, Ep, Ip, branching ratio, $T_{1/2}$. ^{159}Re, ^{154}Hf; deduced $T_{1/2}$. CONF Lisbon (PROCON 2007),Proc.P137,Page

A=155

^{155}Ta	2007JOZX	RADIOACTIVITY ^{159}Re(p), (α) [from ^{106}Cd(^{58}Ni, 4pn), E=300 MeV]; measured Ep, Ip, Eα, Iα, $T_{1/2}$; ^{159}Re; deduced p-decay, α-decay, branching, partial $T_{1/2}$. CONF Lisbon (PROCON 2007),Proc.P28,Joss
	2007PAZT	RADIOACTIVITY ^{159}Re(p), (α), ^{155}Ta(p) [^{159}Re from ^{106}Cd(^{58}Ni, p4n), E=300 MeV]; measured Eα, Iα, Ep, Ip, branching ratio, $T_{1/2}$. ^{159}Re, ^{154}Hf; deduced $T_{1/2}$. CONF Lisbon (PROCON 2007),Proc.P137,Page

A=156

No references found

A=157

No references found

A=158

^{158}W	2007JOZX	RADIOACTIVITY ^{159}Re(p), (α) [from ^{106}Cd(^{58}Ni, 4pn), E=300 MeV]; measured Ep, Ip, Eα, Iα, $T_{1/2}$; ^{159}Re; deduced p-decay, α-decay, branching, partial $T_{1/2}$. CONF Lisbon (PROCON 2007),Proc.P28,Joss
	2007PAZT	RADIOACTIVITY ^{159}Re(p), (α), ^{155}Ta(p) [^{159}Re from ^{106}Cd(^{58}Ni, p4n), E=300 MeV]; measured Eα, Iα, Ep, Ip, branching ratio, $T_{1/2}$. ^{159}Re, ^{154}Hf; deduced $T_{1/2}$. CONF Lisbon (PROCON 2007),Proc.P137,Page

A=159

^{159}Re	2007JOZX	RADIOACTIVITY ^{159}Re(p), (α) [from ^{106}Cd(^{58}Ni, 4pn), E=300 MeV]; measured Ep, Ip, Eα, Iα, $T_{1/2}$; ^{159}Re; deduced p-decay, α-decay, branching, partial $T_{1/2}$. CONF Lisbon (PROCON 2007),Proc.P28,Joss
	2007PAZT	RADIOACTIVITY ^{159}Re(p), (α), ^{155}Ta(p) [^{159}Re from ^{106}Cd(^{58}Ni, p4n), E=300 MeV]; measured Eα, Iα, Ep, Ip, branching ratio, $T_{1/2}$. ^{159}Re, ^{154}Hf; deduced $T_{1/2}$. CONF Lisbon (PROCON 2007),Proc.P137,Page

A=160

^{160}Tb	2008YA10	RADIOACTIVITY ^{160}Tb(β^-), ^{160}Er, ^{173}Lu, ^{201}Tl, ^{203}Pb(EC), ^{182}Re, ^{207}Bi(EC), (β^+); measured L X-ray intensity ratios following decay and photoionization. Comparison with theory and other data. JOUR PYLBB 663 186
^{160}Dy	2008YA10	RADIOACTIVITY ^{160}Tb(β^-), ^{160}Er, ^{173}Lu, ^{201}Tl, ^{203}Pb(EC), ^{182}Re, ^{207}Bi(EC), (β^+); measured L X-ray intensity ratios following decay and photoionization. Comparison with theory and other data. JOUR PYLBB 663 186
^{160}Ho	2008YA10	RADIOACTIVITY ^{160}Tb(β^-), ^{160}Er, ^{173}Lu, ^{201}Tl, ^{203}Pb(EC), ^{182}Re, ^{207}Bi(EC), (β^+); measured L X-ray intensity ratios following decay and photoionization. Comparison with theory and other data. JOUR PYLBB 663 186
^{160}Er	2008YA10	RADIOACTIVITY ^{160}Tb(β^-), ^{160}Er, ^{173}Lu, ^{201}Tl, ^{203}Pb(EC), ^{182}Re, ^{207}Bi(EC), (β^+); measured L X-ray intensity ratios following decay and photoionization. Comparison with theory and other data. JOUR PYLBB 663 186

A=160 *(continued)*

^{160}Tm	2008SU08	NUCLEAR REACTIONS ^{146}Nd(^{19}F, 5n), E=102 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{160}Tm deduced levels, J, π, configurations, B(M1) / B(E2) ratio. JOUR CPLEE 25 1996

A=161

No references found

A=162

^{162}Tb	2008FA06	NUCLEAR REACTIONS ^{51}V(n, p), E=14.1, 14.6 MeV; ^{64}Ni(n, α), E=13.5, 14.6 MeV; ^{165}Ho(n, α), (n, 2n), E=14.1, 14.6 MeV; ^{180}W(n, 2n), E=13.5, 14.1 MeV; ^{186}W(n, 2n), E=14.1 MeV; measured σ using activation technique. Comparison with other data. JOUR ARISE 66 1104

A=163

^{163}Tm	2007WAZV	NUCLEAR REACTIONS ^{130}Te(^{37}Cl, 4n), E=170 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, lifetimes by Doppler-shift method. ^{163}Tm; deduced high-spin levels, J, π, triaxial superdeformed bands, B(M1) / B(E2), transition quadrupole moments, potential energy surface calculations. ^{240,242}Pu(^{208}Pb, ^{208}Pb'), ^{239}Pu(^{207}Pb, ^{208}Pb), E=1300 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma(\theta)$ in 'unsafe' Coulomb excitation for ^{240,242}Pu and single-neutron transfer for ^{238}Pu. ^{238,240,242}Pu; deduced high-spin levels, J, π, A_2, A_4. THESIS X Wang, Notre Dame, Indiana

A=164

^{164}Ho	2008FA06	NUCLEAR REACTIONS ^{51}V(n, p), E=14.1, 14.6 MeV; ^{64}Ni(n, α), E=13.5, 14.6 MeV; ^{165}Ho(n, α), (n, 2n), E=14.1, 14.6 MeV; ^{180}W(n, 2n), E=13.5, 14.1 MeV; ^{186}W(n, 2n), E=14.1 MeV; measured σ using activation technique. Comparison with other data. JOUR ARISE 66 1104

A=165

^{165}Tm	2008AG08	NUCLEAR REACTIONS ^{165}HO(α, 2n), ^{165}HO(α, 3n), ^{165}HO(α, 4n), E=31.7, 36.6, 41.1, 45.4, 49.6 MeV; measured Eγ, Iγ, σ; Stacked foil technique deduced equilibrium and non-equilibrium contributions; Comparison with geometry dependent hybrid model, ALICE91 code. JOUR CJPHA 86 495

A=166

^{166}Tm	2008AG08	NUCLEAR REACTIONS ^{165}HO(α, 2n), ^{165}HO(α, 3n), ^{165}HO(α, 4n), E=31.7, 36.6, 41.1, 45.4, 49.6 MeV; measured Eγ, Iγ, σ; Stacked foil technique deduced equilibrium and non-equilibrium contributions; Comparison with geometry dependent hybrid model, ALICE91 code. JOUR CJPHA 86 495
^{166}Hf	2008MC01	RADIOACTIVITY ^{170,172,174}Ta(β^+), (EC) [from ^{159}Tb(^{16}O, 5n), E=100 MeV; ^{165}Ho(^{12}C, 5n), E=80 MeV; ^{168}Er(^{11}B, 5n), E=65 MeV]; measured Eγ, Iγ, $\gamma\gamma$-coin, branching ratios. ^{170,172,174}Hf; deduced levels, J, π. ^{166,168,170,172,174}Hf; systematics. JOUR PRVCA 77 054304

A=167

^{167}Tm	2008AG08	NUCLEAR REACTIONS ^{165}HO(α, 2n), ^{165}HO(α, 3n), ^{165}HO(α, 4n), E=31.7, 36.6, 41.1, 45.4, 49.6 MeV; measured Eγ, Iγ, σ; Stacked foil technique deduced equilibrium and non-equilibrium contributions; Comparison with geometry dependent hybrid model, ALICE91 code. JOUR CJPHA 86 495

A=168

^{168}Yb	2008DE16	ATOMIC MASSES ^{96,98,99,100,101,102,104}Ru; measured absolute isotopic abundances by thermal-ionization mass spectrometry. ^{92,94,95,96,97,98,100}Mo, ^{138,139}La, ^{168,170,171,172,173,174,176}Yb, ^{180,181}Ta; compiled absolute isotopic abundances. JOUR PRVCA 77 045803
^{168}Hf	2008MC01	RADIOACTIVITY ^{170,172,174}Ta(β^+), (EC) [from ^{159}Tb(^{16}O, 5n), E=100 MeV; ^{165}Ho(^{12}C, 5n), E=80 MeV; ^{168}Er(^{11}B, 5n), E=65 MeV]; measured Eγ, Iγ, $\gamma\gamma$-coin, branching ratios. ^{170,172,174}Hf; deduced levels, J, π. ^{166,168,170,172,174}Hf; systematics. JOUR PRVCA 77 054304

A=169

No references found

A=170

^{170}Yb	2008DE16	ATOMIC MASSES ^{96,98,99,100,101,102,104}Ru; measured absolute isotopic abundances by thermal-ionization mass spectrometry. ^{92,94,95,96,97,98,100}Mo, ^{138,139}La, ^{168,170,171,172,173,174,176}Yb, ^{180,181}Ta; compiled absolute isotopic abundances. JOUR PRVCA 77 045803
^{170}Hf	2008MC01	RADIOACTIVITY ^{170,172,174}Ta(β^+), (EC) [from ^{159}Tb(^{16}O, 5n), E=100 MeV; ^{165}Ho(^{12}C, 5n), E=80 MeV; ^{168}Er(^{11}B, 5n), E=65 MeV]; measured Eγ, Iγ, $\gamma\gamma$-coin, branching ratios. ^{170,172,174}Hf; deduced levels, J, π. ^{166,168,170,172,174}Hf; systematics. JOUR PRVCA 77 054304

A=170 *(continued)*

^{170}Ta	2008MC01	RADIOACTIVITY ^{170,172,174}Ta(β^+), (EC) [from ^{159}Tb(^{16}O, 5n), E=100 MeV; ^{165}Ho(^{12}C, 5n), E=80 MeV; ^{168}Er(^{11}B, 5n), E=65 MeV]; measured Eγ, Iγ, $\gamma\gamma$-coin, branching ratios. ^{170,172,174}Hf; deduced levels, J, π. ^{166,168,170,172,174}Hf; systematics. JOUR PRVCA 77 054304

A=171

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

A=172

^{172}Tm	2008HU05	NUCLEAR REACTIONS ^{170}Er(^{7}Li, nα), E=30 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, lifetime of 6+ isomer, B(E1), hindrance factors for γ-transitions. ^{172}Tm; deduced levels, J, π, band configurations. JOUR PRVCA 77 044309
^{172}Yb	2008DE16	ATOMIC MASSES ^{96,98,99,100,101,102,104}Ru; measured absolute isotopic abundances by thermal-ionization mass spectrometry. ^{92,94,95,96,97,98,100}Mo, ^{138,139}La, ^{168,170,171,172,173,174,176}Yb, ^{180,181}Ta; compiled absolute isotopic abundances. JOUR PRVCA 77 045803
^{172}Hf	2008MC01	RADIOACTIVITY ^{170,172,174}Ta(β^+), (EC) [from ^{159}Tb(^{16}O, 5n), E=100 MeV; ^{165}Ho(^{12}C, 5n), E=80 MeV; ^{168}Er(^{11}B, 5n), E=65 MeV]; measured Eγ, Iγ, $\gamma\gamma$-coin, branching ratios. ^{170,172,174}Hf; deduced levels, J, π. ^{166,168,170,172,174}Hf; systematics. JOUR PRVCA 77 054304
^{172}Ta	2008MC01	RADIOACTIVITY ^{170,172,174}Ta(β^+), (EC) [from ^{159}Tb(^{16}O, 5n), E=100 MeV; ^{165}Ho(^{12}C, 5n), E=80 MeV; ^{168}Er(^{11}B, 5n), E=65 MeV]; measured Eγ, Iγ, $\gamma\gamma$-coin, branching ratios. ^{170,172,174}Hf; deduced levels, J, π. ^{166,168,170,172,174}Hf; systematics. JOUR PRVCA 77 054304

A=173

^{173}Yb	2008DE16	ATOMIC MASSES ^{96,98,99,100,101,102,104}Ru; measured absolute isotopic abundances by thermal-ionization mass spectrometry. ^{92,94,95,96,97,98,100}Mo, ^{138,139}La, ^{168,170,171,172,173,174,176}Yb, ^{180,181}Ta; compiled absolute isotopic abundances. JOUR PRVCA 77 045803
	2008YA10	RADIOACTIVITY ^{160}Tb(β^-), ^{160}Er, ^{173}Lu, ^{201}Tl, ^{203}Pb(EC), ^{182}Re, ^{207}Bi(EC), (β^+); measured L X-ray intensity ratios following decay and photoionization. Comparison with theory and other data. JOUR PYLBB 663 186
^{173}Lu	2008YA10	RADIOACTIVITY ^{160}Tb(β^-), ^{160}Er, ^{173}Lu, ^{201}Tl, ^{203}Pb(EC), ^{182}Re, ^{207}Bi(EC), (β^+); measured L X-ray intensity ratios following decay and photoionization. Comparison with theory and other data. JOUR PYLBB 663 186

A=174

^{174}Yb	2008DE16	ATOMIC MASSES ^{96,98,99,100,101,102,104}Ru; measured absolute isotopic abundances by thermal-ionization mass spectrometry. ^{92,94,95,96,97,98,100}Mo, ^{138,139}La, ^{168,170,171,172,173,174,176}Yb, ^{180,181}Ta; compiled absolute isotopic abundances. JOUR PRVCA 77 045803
^{174}Hf	2008MC01	RADIOACTIVITY ^{170,172,174}Ta(β^+), (EC) [from ^{159}Tb(^{16}O, 5n), E=100 MeV; ^{165}Ho(^{12}C, 5n), E=80 MeV; ^{168}Er(^{11}B, 5n), E=65 MeV]; measured Eγ, Iγ, $\gamma\gamma$-coin, branching ratios. ^{170,172,174}Hf; deduced levels, J, π. ^{166,168,170,172,174}Hf; systematics. JOUR PRVCA 77 054304
^{174}Ta	2008MC01	RADIOACTIVITY ^{170,172,174}Ta(β^+), (EC) [from ^{159}Tb(^{16}O, 5n), E=100 MeV; ^{165}Ho(^{12}C, 5n), E=80 MeV; ^{168}Er(^{11}B, 5n), E=65 MeV]; measured Eγ, Iγ, $\gamma\gamma$-coin, branching ratios. ^{170,172,174}Hf; deduced levels, J, π. ^{166,168,170,172,174}Hf; systematics. JOUR PRVCA 77 054304

A=175

^{175}Yb	2008KA15	NUCLEAR REACTIONS ^{174}Yb(n, γ), E=thermal; measured capture σ; deduced resonance integral by activation method. Comparison with other data. JOUR NIMBE 266 2549

A=176

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

A=177

No references found

A=178

No references found

A=179

^{179}W	2008FA06	NUCLEAR REACTIONS ^{51}V(n, p), E=14.1, 14.6 MeV; ^{64}Ni(n, α), E=13.5, 14.6 MeV; ^{165}Ho(n, α), (n, 2n), E=14.1, 14.6 MeV; ^{180}W(n, 2n), E=13.5, 14.1 MeV; ^{186}W(n, 2n), E=14.1 MeV; measured σ using activation technique. Comparison with other data. JOUR ARISE 66 1104

A=180

^{180}Hf	2008VO04	NUCLEAR REACTIONS ^{180,182}Hf(n, γ), E=thermal; measured Eγ, Iγ, σ, reaction rates. ^{94,96}Zr(n, γ), E=thermal; measured reaction rates. ^{23}Na, ^{37}Cl, ^{55}Mn, ^{115}In, ^{179}Hf, ^{182}Ta(n, γ), E=thermal; measured Eγ. JOUR PRVCA 77 044608
^{180}Ta	2008DE16	ATOMIC MASSES ^{96,98,99,100,101,102,104}Ru; measured absolute isotopic abundances by thermal-ionization mass spectrometry. ^{92,94,95,96,97,98,100}Mo, ^{138,139}La, ^{168,170,171,172,173,174,176}Yb, ^{180,181}Ta; compiled absolute isotopic abundances. JOUR PRVCA 77 045803

A=181

^{181}Hf	2008VO04	NUCLEAR REACTIONS ^{180,182}Hf(n, γ), E=thermal; measured Eγ, Iγ, σ, reaction rates. ^{94,96}Zr(n, γ), E=thermal; measured reaction rates. ^{23}Na, ^{37}Cl, ^{55}Mn, ^{115}In, ^{179}Hf, ^{182}Ta(n, γ), E=thermal; measured Eγ. JOUR PRVCA 77 044608
^{181}Ta	2008DE16	ATOMIC MASSES ^{96,98,99,100,101,102,104}Ru; measured absolute isotopic abundances by thermal-ionization mass spectrometry. ^{92,94,95,96,97,98,100}Mo, ^{138,139}La, ^{168,170,171,172,173,174,176}Yb, ^{180,181}Ta; compiled absolute isotopic abundances. JOUR PRVCA 77 045803
^{181}Re	2008KH03	NUCLEAR REACTIONS W(P, X)^{181}Re / ^{182}Re / ^{183}Re / ^{184}Re / ^{186}Re, E < 40 MeV; measured Eγ, IΓ, yields, and excitation functions using stacked foil activation technique. Compared results to existing data and model calculations. JOUR NIMBE 266 1021
^{181}Tl	2008WE02	ATOMIC MASSES ^{145,147}Cs, ^{181,183,186,187,196,205}Tl, ^{197,208}Pb, ^{190,191,192,193,194,195,196,197,209,215,216}Bi, ^{203,205,229}Fr, ^{214,229,230}Ra; measured masses using the ISOLTRAP Penning trap mass spectrometer. JOUR NUPAB 803 1

A=182

^{182}Ta	2008KO07	RADIOACTIVITY ^{182}Ta(β^-) [from ^{181}Ta(n, γ), E=thermal]; measured Eγ, Iγ, $\beta\gamma$-coin; deduced disintegration rate. JOUR ARISE 66 934
^{182}W	2008KO07	RADIOACTIVITY ^{182}Ta(β^-) [from ^{181}Ta(n, γ), E=thermal]; measured Eγ, Iγ, $\beta\gamma$-coin; deduced disintegration rate. JOUR ARISE 66 934
	2008YA10	RADIOACTIVITY ^{160}Tb(β^-), ^{160}Er, ^{173}Lu, ^{201}Tl, ^{203}Pb(EC), ^{182}Re, ^{207}Bi(EC), (β^+); measured L X-ray intensity ratios following decay and photoionization. Comparison with theory and other data. JOUR PYLBB 663 186
^{182}Re	2008KH03	NUCLEAR REACTIONS W(P, X)^{181}Re / ^{182}Re / ^{183}Re / ^{184}Re / ^{186}Re, E < 40 MeV; measured Eγ, IΓ, yields, and excitation functions using stacked foil activation technique. Compared results to existing data and model calculations. JOUR NIMBE 266 1021

A=182 *(continued)*

2008YA10 RADIOACTIVITY ^{160}Tb(β^-), ^{160}Er, ^{173}Lu, ^{201}Tl, ^{203}Pb(EC), ^{182}Re, ^{207}Bi(EC), (β^+); measured L X-ray intensity ratios following decay and photoionization. Comparison with theory and other data. JOUR PYLBB 663 186

A=183

^{183}Hf 2008VO04 NUCLEAR REACTIONS ^{180,182}Hf(n, γ), E=thermal; measured Eγ, Iγ, σ, reaction rates. ^{94,96}Zr(n, γ), E=thermal; measured reaction rates. ^{23}Na, ^{37}Cl, ^{55}Mn, ^{115}In, ^{179}Hf, ^{182}Ta(n, γ), E=thermal; measured Eγ. JOUR PRVCA 77 044608

2008VO04 RADIOACTIVITY ^{183}Hf(β^-); measured Eγ, Iγ, absolute γ-ray intensities. JOUR PRVCA 77 044608

^{183}Ta 2008VO04 NUCLEAR REACTIONS ^{180,182}Hf(n, γ), E=thermal; measured Eγ, Iγ, σ, reaction rates. ^{94,96}Zr(n, γ), E=thermal; measured reaction rates. ^{23}Na, ^{37}Cl, ^{55}Mn, ^{115}In, ^{179}Hf, ^{182}Ta(n, γ), E=thermal; measured Eγ. JOUR PRVCA 77 044608

2008VO04 RADIOACTIVITY ^{183}Hf(β^-); measured Eγ, Iγ, absolute γ-ray intensities. JOUR PRVCA 77 044608

^{183}Re 2008KH03 NUCLEAR REACTIONS W(P, X)^{181}Re / ^{182}Re / ^{183}Re / ^{184}Re / ^{186}Re, E < 40 MeV; measured Eγ, IΓ, yields, and excitation functions using stacked foil activation technique. Compared results to existing data and model calculations. JOUR NIMBE 266 1021

^{183}Tl 2008WE02 ATOMIC MASSES ^{145,147}Cs, ^{181,183,186,187,196,205}Tl, ^{197,208}Pb, ^{190,191,192,193,194,195,196,197,209,215,216}Bi, ^{203,205,229}Fr, ^{214,229,230}Ra; measured masses using the ISOLTRAP Penning trap mass spectrometer. JOUR NUPAB 803 1

A=184

^{184}Re 2008KH03 NUCLEAR REACTIONS W(P, X)^{181}Re / ^{182}Re / ^{183}Re / ^{184}Re / ^{186}Re, E < 40 MeV; measured Eγ, IΓ, yields, and excitation functions using stacked foil activation technique. Compared results to existing data and model calculations. JOUR NIMBE 266 1021

A=185

^{185}W 2008FA06 NUCLEAR REACTIONS ^{51}V(n, p), E=14.1, 14.6 MeV; ^{64}Ni(n, α), E=13.5, 14.6 MeV; ^{165}Ho(n, α), (n, 2n), E=14.1, 14.6 MeV; ^{180}W(n, 2n), E=13.5, 14.1 MeV; ^{186}W(n, 2n), E=14.1 MeV; measured σ using activation technique. Comparison with other data. JOUR ARISE 66 1104

^{185}Tl 2007DOZW RADIOACTIVITY ^{189}Bi(α) [from ^{109}Ag(^{83}Kr, 3n), E=375 MeV]; measured Eα, Iα. ^{185}Tl; deduced levels. CONF Lisbon (PROCON 2007),Proc.P196,Dossat

A=186

^{186}Re	2008KH03	NUCLEAR REACTIONS W(P, X)^{181}Re / ^{182}Re / ^{183}Re / ^{184}Re / ^{186}Re, E < 40 MeV; measured Eγ, IΓ, yields, and excitation functions using stacked foil activation technique. Compared results to existing data and model calculations. JOUR NIMBE 266 1021
^{186}Tl	2008WE02	ATOMIC MASSES ^{145,147}Cs, ^{181,183,186,187,196,205}Tl, ^{197,208}Pb, ^{190,191,192,193,194,195,196,197,209,215,216}Bi, ^{203,205,229}Fr, ^{214,229,230}Ra; measured masses using the ISOLTRAP Penning trap mass spectrometer. JOUR NUPAB 803 1

A=187

^{187}W	2008SH12	NUCLEAR REACTIONS ^{186}W(^{18}O, ^{17}O), E=180 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{187}W; deduced levels, J, π, band structures and configurations. ^{16,17,18,19}O; measured ion energy losses. JOUR PRVCA 77 047303
^{187}Os	2008MO03	NUCLEAR REACTIONS ^{186,187,188}Os(n, γ), E < 1 MeV; measured capture cross sections. Deduced Maxwellian-averaged cross sections. ^{187}Os(n, n'), E≈ 30 keV; measured inelastic scattering cross section. JOUR JPGPE 35 014015
^{187}Tl	2008WE02	ATOMIC MASSES ^{145,147}Cs, ^{181,183,186,187,196,205}Tl, ^{197,208}Pb, ^{190,191,192,193,194,195,196,197,209,215,216}Bi, ^{203,205,229}Fr, ^{214,229,230}Ra; measured masses using the ISOLTRAP Penning trap mass spectrometer. JOUR NUPAB 803 1

A=188

^{188}Os	2008MO03	NUCLEAR REACTIONS ^{186,187,188}Os(n, γ), E < 1 MeV; measured capture cross sections. Deduced Maxwellian-averaged cross sections. ^{187}Os(n, n'), E≈ 30 keV; measured inelastic scattering cross section. JOUR JPGPE 35 014015
^{188}Pt	2008LI18	NUCLEAR REACTIONS ^{176}Yb(^{18}O, 6n), E=88, 95 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{188}Pt; deduced levels, J, π. Compared results to model calculations. JOUR CPLEE 25 1633

A=189

^{189}Os	2008MO03	NUCLEAR REACTIONS ^{186,187,188}Os(n, γ), E < 1 MeV; measured capture cross sections. Deduced Maxwellian-averaged cross sections. ^{187}Os(n, n'), E≈ 30 keV; measured inelastic scattering cross section. JOUR JPGPE 35 014015
^{189}Bi	2007DOZW	NUCLEAR REACTIONS ^{109}Ag(^{83}Kr, 3n), E=375 MeV; measured Eγ, Iγ, Eα, Iα, recoils, ce, $\gamma\gamma$(t), charged particles, $\gamma\gamma$ coin, (recoil)$\alpha\gamma(\theta)$. ^{189}Bi; deduced levels, $T_{1/2}$, band structure. CONF Lisbon (PROCON 2007),Proc.P196,Dossat

A=189 *(continued)*

2007DOZW RADIOACTIVITY ^{189}Bi(α) [from ^{109}Ag(^{83}Kr, 3n), E=375 MeV]; measured Eα, Iα. ^{185}Tl; deduced levels. CONF Lisbon (PROCON 2007),Proc.P196,Dossat

A=190

^{190}Bi 2008WE02 ATOMIC MASSES ^{145,147}Cs, ^{181,183,186,187,196,205}Tl, ^{197,208}Pb, ^{190,191,192,193,194,195,196,197,209,215,216}Bi, ^{203,205,229}Fr, ^{214,229,230}Ra; measured masses using the ISOLTRAP Penning trap mass spectrometer. JOUR NUPAB 803 1

A=191

^{191}Pt 2008ER03 RADIOACTIVITY ^{191}Au, Pt(β^+); measured Eγ, Iγ. JOUR PANUE 71 397

^{191}Au 2008ER03 NUCLEAR REACTIONS ^{197}Au(γ, n), (γ, 2n), (γ, 3n), (γ, 4n), (γ, 5n), (γ, 6n), E < 67.7 MeV; measured Eγ, Iγ of residual, σ integrated, yields using activation technique. JOUR PANUE 71 397

2008ER03 RADIOACTIVITY ^{191}Au, Pt(β^+); measured Eγ, Iγ. JOUR PANUE 71 397

^{191}Bi 2008WE02 ATOMIC MASSES ^{145,147}Cs, ^{181,183,186,187,196,205}Tl, ^{197,208}Pb, ^{190,191,192,193,194,195,196,197,209,215,216}Bi, ^{203,205,229}Fr, ^{214,229,230}Ra; measured masses using the ISOLTRAP Penning trap mass spectrometer. JOUR NUPAB 803 1

A=192

^{192}Au 2008ER03 NUCLEAR REACTIONS ^{197}Au(γ, n), (γ, 2n), (γ, 3n), (γ, 4n), (γ, 5n), (γ, 6n), E < 67.7 MeV; measured Eγ, Iγ of residual, σ integrated, yields using activation technique. JOUR PANUE 71 397

^{192}Bi 2008WE02 ATOMIC MASSES ^{145,147}Cs, ^{181,183,186,187,196,205}Tl, ^{197,208}Pb, ^{190,191,192,193,194,195,196,197,209,215,216}Bi, ^{203,205,229}Fr, ^{214,229,230}Ra; measured masses using the ISOLTRAP Penning trap mass spectrometer. JOUR NUPAB 803 1

A=193

^{193}Au 2008ER03 NUCLEAR REACTIONS ^{197}Au(γ, n), (γ, 2n), (γ, 3n), (γ, 4n), (γ, 5n), (γ, 6n), E < 67.7 MeV; measured Eγ, Iγ of residual, σ integrated, yields using activation technique. JOUR PANUE 71 397

^{193}Bi 2008WE02 ATOMIC MASSES ^{145,147}Cs, ^{181,183,186,187,196,205}Tl, ^{197,208}Pb, ^{190,191,192,193,194,195,196,197,209,215,216}Bi, ^{203,205,229}Fr, ^{214,229,230}Ra; measured masses using the ISOLTRAP Penning trap mass spectrometer. JOUR NUPAB 803 1

A=193 *(continued)*

^{193}Po	2008AN05	RADIOACTIVITY ^{197,197m}Rn(α); measured half-life. JOUR PRVCA 77 054303

A=194

^{194}Os	2007KUZW	RADIOACTIVITY ^{198,199,202}Ir, ^{194,195,196,199,200}Os(β^-); measured correlations between implanted ions and β-decay events and half-lives. PREPRINT ArXiv:0711.0101v1 [nucl-ex]
^{194}Ir	2007KUZW	RADIOACTIVITY ^{198,199,202}Ir, ^{194,195,196,199,200}Os(β^-); measured correlations between implanted ions and β-decay events and half-lives. PREPRINT ArXiv:0711.0101v1 [nucl-ex]
^{194}Au	2008ER03	NUCLEAR REACTIONS ^{197}Au(γ, n), (γ, 2n), (γ, 3n), (γ, 4n), (γ, 5n), (γ, 6n), E < 67.7 MeV; measured Eγ, Iγ of residual, σ integrated, yields using activation technique. JOUR PANUE 71 397
^{194}Bi	2008WE02	ATOMIC MASSES ^{145,147}Cs, ^{181,183,186,187,196,205}Tl, ^{197,208}Pb, ^{190,191,192,193,194,195,196,197,209,215,216}Bi, ^{203,205,229}Fr, ^{214,229,230}Ra; measured masses using the ISOLTRAP Penning trap mass spectrometer. JOUR NUPAB 803 1

A=195

^{195}Os	2007KUZW	RADIOACTIVITY ^{198,199,202}Ir, ^{194,195,196,199,200}Os(β^-); measured correlations between implanted ions and β-decay events and half-lives. PREPRINT ArXiv:0711.0101v1 [nucl-ex]
^{195}Ir	2007KUZW	RADIOACTIVITY ^{198,199,202}Ir, ^{194,195,196,199,200}Os(β^-); measured correlations between implanted ions and β-decay events and half-lives. PREPRINT ArXiv:0711.0101v1 [nucl-ex]
^{195}Au	2008ER03	NUCLEAR REACTIONS ^{197}Au(γ, n), (γ, 2n), (γ, 3n), (γ, 4n), (γ, 5n), (γ, 6n), E < 67.7 MeV; measured Eγ, Iγ of residual, σ integrated, yields using activation technique. JOUR PANUE 71 397
^{195}Bi	2008WE02	ATOMIC MASSES ^{145,147}Cs, ^{181,183,186,187,196,205}Tl, ^{197,208}Pb, ^{190,191,192,193,194,195,196,197,209,215,216}Bi, ^{203,205,229}Fr, ^{214,229,230}Ra; measured masses using the ISOLTRAP Penning trap mass spectrometer. JOUR NUPAB 803 1

A=196

^{196}Os	2007KUZW	RADIOACTIVITY ^{198,199,202}Ir, ^{194,195,196,199,200}Os(β^-); measured correlations between implanted ions and β-decay events and half-lives. PREPRINT ArXiv:0711.0101v1 [nucl-ex]
^{196}Ir	2007KUZW	RADIOACTIVITY ^{198,199,202}Ir, ^{194,195,196,199,200}Os(β^-); measured correlations between implanted ions and β-decay events and half-lives. PREPRINT ArXiv:0711.0101v1 [nucl-ex]
^{196}Au	2008ER03	NUCLEAR REACTIONS ^{197}Au(γ, n), (γ, 2n), (γ, 3n), (γ, 4n), (γ, 5n), (γ, 6n), E < 67.7 MeV; measured Eγ, Iγ of residual, σ integrated, yields using activation technique. JOUR PANUE 71 397

A=196 *(continued)*

^{196}Tl	2008WE02	ATOMIC MASSES ^{145,147}Cs, ^{181,183,186,187,196,205}Tl, ^{197,208}Pb, ^{190,191,192,193,194,195,196,197,209,215,216}Bi, ^{203,205,229}Fr, ^{214,229,230}Ra; measured masses using the ISOLTRAP Penning trap mass spectrometer. JOUR NUPAB 803 1
^{196}Bi	2008WE02	ATOMIC MASSES ^{145,147}Cs, ^{181,183,186,187,196,205}Tl, ^{197,208}Pb, ^{190,191,192,193,194,195,196,197,209,215,216}Bi, ^{203,205,229}Fr, ^{214,229,230}Ra; measured masses using the ISOLTRAP Penning trap mass spectrometer. JOUR NUPAB 803 1

A=197

^{197}Pb	2008WE02	ATOMIC MASSES ^{145,147}Cs, ^{181,183,186,187,196,205}Tl, ^{197,208}Pb, ^{190,191,192,193,194,195,196,197,209,215,216}Bi, ^{203,205,229}Fr, ^{214,229,230}Ra; measured masses using the ISOLTRAP Penning trap mass spectrometer. JOUR NUPAB 803 1
^{197}Bi	2008WE02	ATOMIC MASSES ^{145,147}Cs, ^{181,183,186,187,196,205}Tl, ^{197,208}Pb, ^{190,191,192,193,194,195,196,197,209,215,216}Bi, ^{203,205,229}Fr, ^{214,229,230}Ra; measured masses using the ISOLTRAP Penning trap mass spectrometer. JOUR NUPAB 803 1
^{197}Rn	2008AN05	RADIOACTIVITY ^{197,197m}Rn(α); measured half-life. JOUR PRVCA 77 054303
	2008AN05	NUCLEAR REACTIONS ^{118,122}Sn(^{82}Kr, 3n), E=362 MeV; ^{120}Sn(^{82}Kr, 3n), E=355 MeV; ^{150}Sm, ^{152}Sm(^{52}Cr, 3n), E=231 MeV; measured Eγ, Iγ, Eγ, $\gamma\gamma$-, $\gamma\alpha$-coin. Recoil-α-decay tagging method. ^{197,199,201}Rn; deduced levels, J, π, band configurations. ^{111}-^{125}Rn, ^{106}-^{126}Po; systematics. JOUR PRVCA 77 054303

A=198

^{198}Ir	2007KUZW	RADIOACTIVITY ^{198,199,202}Ir, ^{194,195,196,199,200}Os(β^-); measured correlations between implanted ions and β-decay events and half-lives. PREPRINT ArXiv:0711.0101v1 [nucl-ex]
^{198}Pt	2007KUZW	RADIOACTIVITY ^{198,199,202}Ir, ^{194,195,196,199,200}Os(β^-); measured correlations between implanted ions and β-decay events and half-lives. PREPRINT ArXiv:0711.0101v1 [nucl-ex]
^{198}Au	2008KU09	RADIOACTIVITY ^{7}Be(EC); ^{198}Au(β^-); measured dependence of decay rate on temperature. Be in Cu host, Au in Al-Au alloy. No evidence found for temperature dependence on half-life. JOUR PRVCA 77 051304
^{198}Hg	2008KU09	RADIOACTIVITY ^{7}Be(EC); ^{198}Au(β^-); measured dependence of decay rate on temperature. Be in Cu host, Au in Al-Au alloy. No evidence found for temperature dependence on half-life. JOUR PRVCA 77 051304

A=199

^{199}Os	2007KUZW	RADIOACTIVITY ^{198,199,202}Ir, ^{194,195,196,199,200}Os(β^-); measured correlations between implanted ions and β-decay events and half-lives. PREPRINT ArXiv:0711.0101v1 [nucl-ex]
^{199}Ir	2007KUZW	RADIOACTIVITY ^{198,199,202}Ir, ^{194,195,196,199,200}Os(β^-); measured correlations between implanted ions and β-decay events and half-lives. PREPRINT ArXiv:0711.0101v1 [nucl-ex]
^{199}Pt	2007KUZW	RADIOACTIVITY ^{198,199,202}Ir, ^{194,195,196,199,200}Os(β^-); measured correlations between implanted ions and β-decay events and half-lives. PREPRINT ArXiv:0711.0101v1 [nucl-ex]
^{199}Rn	2008AN05	NUCLEAR REACTIONS ^{118,122}Sn(^{82}Kr, 3n), E=362 MeV; ^{120}Sn(^{82}Kr, 3n), E=355 MeV; ^{150}Sm, ^{152}Sm(^{52}Cr, 3n), E=231 MeV; measured Eγ, Iγ, Eγ, $\gamma\gamma$-, $\gamma\alpha$-coin. Recoil-α-decay tagging method. ^{197,199,201}Rn; deduced levels, J, π, band configurations. ^{111}-^{125}Rn, ^{106}-^{126}Po; systematics. JOUR PRVCA 77 054303

A=200

^{200}Os	2007KUZW	RADIOACTIVITY ^{198,199,202}Ir, ^{194,195,196,199,200}Os(β^-); measured correlations between implanted ions and β-decay events and half-lives. PREPRINT ArXiv:0711.0101v1 [nucl-ex]
^{200}Ir	2007KUZW	RADIOACTIVITY ^{198,199,202}Ir, ^{194,195,196,199,200}Os(β^-); measured correlations between implanted ions and β-decay events and half-lives. PREPRINT ArXiv:0711.0101v1 [nucl-ex]

A=201

^{201}Hg	2008YA10	RADIOACTIVITY ^{160}Tb(β^-), ^{160}Er, ^{173}Lu, ^{201}Tl, ^{203}Pb(EC), ^{182}Re, ^{207}Bi(EC), (β^+); measured L X-ray intensity ratios following decay and photoionization. Comparison with theory and other data. JOUR PYLBB 663 186
^{201}Tl	2008YA10	RADIOACTIVITY ^{160}Tb(β^-), ^{160}Er, ^{173}Lu, ^{201}Tl, ^{203}Pb(EC), ^{182}Re, ^{207}Bi(EC), (β^+); measured L X-ray intensity ratios following decay and photoionization. Comparison with theory and other data. JOUR PYLBB 663 186
^{201}Rn	2008AN05	NUCLEAR REACTIONS ^{118,122}Sn(^{82}Kr, 3n), E=362 MeV; ^{120}Sn(^{82}Kr, 3n), E=355 MeV; ^{150}Sm, ^{152}Sm(^{52}Cr, 3n), E=231 MeV; measured Eγ, Iγ, Eγ, $\gamma\gamma$-, $\gamma\alpha$-coin. Recoil-α-decay tagging method. ^{197,199,201}Rn; deduced levels, J, π, band configurations. ^{111}-^{125}Rn, ^{106}-^{126}Po; systematics. JOUR PRVCA 77 054303

A=202

^{202}Ir	2007KUZW	RADIOACTIVITY ^{198,199,202}Ir, ^{194,195,196,199,200}Os(β^-); measured correlations between implanted ions and β-decay events and half-lives. PREPRINT ArXiv:0711.0101v1 [nucl-ex]

A=202 *(continued)*

^{202}Pt	2007KUZW	RADIOACTIVITY ^{198,199,202}Ir, ^{194,195,196,199,200}Os(β^-); measured correlations between implanted ions and β-decay events and half-lives. PREPRINT ArXiv:0711.0101v1 [nucl-ex]

A=203

^{203}Tl	2008YA10	RADIOACTIVITY ^{160}Tb(β^-), ^{160}Er, ^{173}Lu, ^{201}Tl, ^{203}Pb(EC), ^{182}Re, ^{207}Bi(EC), (β^+); measured L X-ray intensity ratios following decay and photoionization. Comparison with theory and other data. JOUR PYLBB 663 186
^{203}Pb	2008YA10	RADIOACTIVITY ^{160}Tb(β^-), ^{160}Er, ^{173}Lu, ^{201}Tl, ^{203}Pb(EC), ^{182}Re, ^{207}Bi(EC), (β^+); measured L X-ray intensity ratios following decay and photoionization. Comparison with theory and other data. JOUR PYLBB 663 186
^{203}Fr	2008WE02	ATOMIC MASSES ^{145,147}Cs, ^{181,183,186,187,196,205}Tl, ^{197,208}Pb, ^{190,191,192,193,194,195,196,197,209,215,216}Bi, ^{203,205,229}Fr, ^{214,229,230}Ra; measured masses using the ISOLTRAP Penning trap mass spectrometer. JOUR NUPAB 803 1

A=204

No references found

A=205

^{205}Tl	2008WE02	ATOMIC MASSES ^{145,147}Cs, ^{181,183,186,187,196,205}Tl, ^{197,208}Pb, ^{190,191,192,193,194,195,196,197,209,215,216}Bi, ^{203,205,229}Fr, ^{214,229,230}Ra; measured masses using the ISOLTRAP Penning trap mass spectrometer. JOUR NUPAB 803 1
^{205}Po	2008HA12	NUCLEAR REACTIONS ^{174}Yb(^{40}Ar, 5n), E=192 MeV; measured half-life, α-spectra, Eγ, Iγ, $\gamma\gamma$-, $\gamma\alpha$-coin, conversion electrons. ^{209}Ra; deduced levels, J, π, configurations. ^{205,207}Po, ^{207,209}Rn, ^{211}Ra; systematics. JOUR PRVCA 77 047305
^{205}Fr	2008WE02	ATOMIC MASSES ^{145,147}Cs, ^{181,183,186,187,196,205}Tl, ^{197,208}Pb, ^{190,191,192,193,194,195,196,197,209,215,216}Bi, ^{203,205,229}Fr, ^{214,229,230}Ra; measured masses using the ISOLTRAP Penning trap mass spectrometer. JOUR NUPAB 803 1

A=206

No references found

A=207

^{207}Pb	2008DO05	NUCLEAR REACTIONS ^{206}Pb(n, γ), E=0.001-1000 keV; measured Eγ, Iγ, capture cross sections. Deduced maxwellian averaged sections. JOUR JPGPE 35 014020
	2008YA10	RADIOACTIVITY ^{160}Tb(β^-), ^{160}Er, ^{173}Lu, ^{201}Tl, ^{203}Pb(EC), ^{182}Re, ^{207}Bi(EC), (β^+); measured L X-ray intensity ratios following decay and photoionization. Comparison with theory and other data. JOUR PYLBB 663 186
^{207}Bi	2008YA10	RADIOACTIVITY ^{160}Tb(β^-), ^{160}Er, ^{173}Lu, ^{201}Tl, ^{203}Pb(EC), ^{182}Re, ^{207}Bi(EC), (β^+); measured L X-ray intensity ratios following decay and photoionization. Comparison with theory and other data. JOUR PYLBB 663 186
^{207}Po	2008HA12	NUCLEAR REACTIONS ^{174}Yb(^{40}Ar, 5n), E=192 MeV; measured half-life, α-spectra, Eγ, Iγ, $\gamma\gamma$-, $\gamma\alpha$-coin, conversion electrons. ^{209}Ra; deduced levels, J, π, configurations. ^{205,207}Po, ^{207,209}Rn, ^{211}Ra; systematics. JOUR PRVCA 77 047305
^{207}Rn	2008HA12	NUCLEAR REACTIONS ^{174}Yb(^{40}Ar, 5n), E=192 MeV; measured half-life, α-spectra, Eγ, Iγ, $\gamma\gamma$-, $\gamma\alpha$-coin, conversion electrons. ^{209}Ra; deduced levels, J, π, configurations. ^{205,207}Po, ^{207,209}Rn, ^{211}Ra; systematics. JOUR PRVCA 77 047305

A=208

^{208}Pb	2007YOZW	NUCLEAR REACTIONS ^{208}Pb(^{23}Al, p^{22}Mg)^{208}Pb, E=50 MeV / nucleon; Pb(^{27}P, p^{26}Si)Pb, E=57 MeV / nucleon; measured Ep, Ip, p(θ), charged products, $\sigma(\theta)$. ^{22}Mg; deduced levels. ^{26}Si; deduced levels. CONF Lisbon (PROCON 2007),Proc.P246,Yoneda
	2008GA10	NUCLEAR REACTIONS ^{9}Be(^{36}Ar, X)^{19}F / ^{20}Ne / ^{21}Na / ^{22}Mg / ^{23}Al, E=130 MeV / nucleon; measured energy loss, intensities for reaction products. ^{9}Be(^{24}Si, X)^{23}Al / ^{23}Si, E=85.3 MeV / nucleon; measured single-particle cross sections, momentum distributions, spectroscopic factors. ^{9}Be(^{28}S, X)^{27}P, E=80.7 MeV / nucleon; measured Eγ, Iγ.^{9}Be(^{28}S, X)^{27}P / ^{27}S, E=80.7 MeV / nucleon; measured single particle cross sections, spectroscopic factors, momentum distributions. ^{7}Li, ^{8}B, ^{9,12,15}C, ^{16}O, ^{32,34,36}Ar, ^{24,30}Si, ^{26,28}S, ^{31}P, ^{40,48}Ca, ^{51}V, ^{90}Zr, ^{208}Pb; systematics of cross sections. JOUR PRVCA 77 044306
	2008SA09	NUCLEAR REACTIONS ^{208}Pb(^{6}He, ^{6}He), E=14, 16, 18, 22 MeV; measured $\sigma(\theta)$. Comparison with optical model calculations, including Coulomb dipole polarizability and dispersion relations. JOUR NUPAB 803 30
	2008WE02	ATOMIC MASSES ^{145,147}Cs, ^{181,183,186,187,196,205}Tl, ^{197,208}Pb, ^{190,191,192,193,194,195,196,197,209,215,216}Bi, ^{203,205,229}Fr, ^{214,229,230}Ra; measured masses using the ISOLTRAP Penning trap mass spectrometer. JOUR NUPAB 803 1

A=209

^{209}Bi	2008WE02	ATOMIC MASSES ^{145,147}Cs, ^{181,183,186,187,196,205}Tl, ^{197,208}Pb, ^{190,191,192,193,194,195,196,197,209,215,216}Bi, ^{203,205,229}Fr, ^{214,229,230}Ra; measured masses using the ISOLTRAP Penning trap mass spectrometer. JOUR NUPAB 803 1
^{209}Rn	2008HA12	NUCLEAR REACTIONS ^{174}Yb(^{40}Ar, 5n), E=192 MeV; measured half-life, α-spectra, Eγ, Iγ, $\gamma\gamma$-, $\gamma\alpha$-coin, conversion electrons. ^{209}Ra; deduced levels, J, π, configurations. ^{205,207}Po, ^{207,209}Rn, ^{211}Ra; systematics. JOUR PRVCA 77 047305
	2008TA11	RADIOACTIVITY ^{209}Fr(EC) [from ^{197}Au(^{16}O, 4n), E=91 MeV]; measured Eγ, Iγ, spin exchange polarization, quadrupole-dominated wall relaxationrate, dependence of γ-ray anisotropies on temperature. JOUR PRVCA 77 052501
^{209}Fr	2008TA11	RADIOACTIVITY ^{209}Fr(EC) [from ^{197}Au(^{16}O, 4n), E=91 MeV]; measured Eγ, Iγ, spin exchange polarization, quadrupole-dominated wall relaxationrate, dependence of γ-ray anisotropies on temperature. JOUR PRVCA 77 052501
^{209}Ra	2008HA12	NUCLEAR REACTIONS ^{174}Yb(^{40}Ar, 5n), E=192 MeV; measured half-life, α-spectra, Eγ, Iγ, $\gamma\gamma$-, $\gamma\alpha$-coin, conversion electrons. ^{209}Ra; deduced levels, J, π, configurations. ^{205,207}Po, ^{207,209}Rn, ^{211}Ra; systematics. JOUR PRVCA 77 047305

A=210

^{210}Pb	2008GI03	RADIOACTIVITY ^{214}Po(α); measured Eα, Iα, Eγ, Iγ, $\alpha\gamma$-coin; deduced bremsstrahlung emission probability vs Eγ, K-shell ionization probabilities. Comparison with quantum-mechanical model. JOUR ZAANE 36 31
^{210}Po	2008DR03	NUCLEAR REACTIONS ^{204}Hg(^{13}C, 3nα)E=88 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma(\theta)$, half-lives. ^{210}Po; deduced levels, J, π, configurations. Comparison with shell-model calculations. JOUR PRVCA 77 034308

A=211

^{211}Ra	2008HA12	NUCLEAR REACTIONS ^{174}Yb(^{40}Ar, 5n), E=192 MeV; measured half-life, α-spectra, Eγ, Iγ, $\gamma\gamma$-, $\gamma\alpha$-coin, conversion electrons. ^{209}Ra; deduced levels, J, π, configurations. ^{205,207}Po, ^{207,209}Rn, ^{211}Ra; systematics. JOUR PRVCA 77 047305

A=212

^{212}Rn	2008DR01	NUCLEAR REACTIONS ^{204}Hg(^{13}C, 5n), E=88 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin; deduced multipolarities. ^{212}Rn; measured level half-lives; deduced high-spin levels, J, π, configurations. Comparison with semi-empirical shell model. JOUR PYLBB 662 19

A=213

No references found

A=214

^{214}Po	2008GI03	RADIOACTIVITY ^{214}Po(α); measured Eα, Iα, Eγ, Iγ, $\alpha\gamma$-coin; deduced bremsstrahlung emission probability vs Eγ, K-shell ionization probabilities. Comparison with quantum-mechanical model. JOUR ZAANE 36 31
^{214}Ra	2008WE02	ATOMIC MASSES ^{145,147}Cs, ^{181,183,186,187,196,205}Tl, ^{197,208}Pb, ^{190,191,192,193,194,195,196,197,209,215,216}Bi, ^{203,205,229}Fr, ^{214,229,230}Ra; measured masses using the ISOLTRAP Penning trap mass spectrometer. JOUR NUPAB 803 1

A=215

^{215}Bi	2008WE02	ATOMIC MASSES ^{145,147}Cs, ^{181,183,186,187,196,205}Tl, ^{197,208}Pb, ^{190,191,192,193,194,195,196,197,209,215,216}Bi, ^{203,205,229}Fr, ^{214,229,230}Ra; measured masses using the ISOLTRAP Penning trap mass spectrometer. JOUR NUPAB 803 1

A=216

^{216}Bi	2008WE02	ATOMIC MASSES ^{145,147}Cs, ^{181,183,186,187,196,205}Tl, ^{197,208}Pb, ^{190,191,192,193,194,195,196,197,209,215,216}Bi, ^{203,205,229}Fr, ^{214,229,230}Ra; measured masses using the ISOLTRAP Penning trap mass spectrometer. JOUR NUPAB 803 1

A=217

No references found

A=218

No references found

A=219

No references found

A=220

No references found

A=221

No references found

A=222

No references found

A=223

No references found

A=224

No references found

A=225

No references found

A=226

No references found

A=227

No references found

A=228

No references found

A=229

^{229}Fr	2008WE02	ATOMIC MASSES ^{145,147}Cs, ^{181,183,186,187,196,205}Tl, ^{197,208}Pb, ^{190,191,192,193,194,195,196,197,209,215,216}Bi, ^{203,205,229}Fr, ^{214,229,230}Ra; measured masses using the ISOLTRAP Penning trap mass spectrometer. JOUR NUPAB 803 1
^{229}Ra	2008WE02	ATOMIC MASSES ^{145,147}Cs, ^{181,183,186,187,196,205}Tl, ^{197,208}Pb, ^{190,191,192,193,194,195,196,197,209,215,216}Bi, ^{203,205,229}Fr, ^{214,229,230}Ra; measured masses using the ISOLTRAP Penning trap mass spectrometer. JOUR NUPAB 803 1

A=230

^{230}Ra	2008WE02	ATOMIC MASSES ^{145,147}Cs, ^{181,183,186,187,196,205}Tl, ^{197,208}Pb, ^{190,191,192,193,194,195,196,197,209,215,216}Bi, ^{203,205,229}Fr, ^{214,229,230}Ra; measured masses using the ISOLTRAP Penning trap mass spectrometer. JOUR NUPAB 803 1

A=231

No references found

A=232

No references found

A=233

^{233}Pa	2008DE10	RADIOACTIVITY ^{237}Np(α); measured Eα, Iα, X-ray spectra, Eγ, Iγ. JOUR ARISE 66 668
	2008DE10	RADIOACTIVITY ^{233}Pa(β^-); measured X-ray spectra, Eγ, Iγ. JOUR ARISE 66 668
^{233}U	2008DE10	RADIOACTIVITY ^{233}Pa(β^-); measured X-ray spectra, Eγ, Iγ. JOUR ARISE 66 668

A=234

No references found

A=235

No references found

A=236

No references found

A=237

^{237}Np	2008DE10	RADIOACTIVITY ^{237}Np(α); measured Eα, Iα, X-ray spectra, Eγ, Iγ. JOUR ARISE 66 668
	2008LE07	RADIOACTIVITY ^{241}Am(α); measured Eγ, Iγ, E(X-ray), I(X-ray); deduced L X-ray emission probabilities. JOUR ARISE 66 715

A=238

^{238}Np	2008ES01	NUCLEAR REACTIONS ^{237}Np(n, γ), E=0.02-500 keV; measured σ, neutron flux, Eγ, Iγ, time-of-flight spectra, α-spectra. DANCE array. Comparisons with Hauser-Feshbach-Moldauer calculations. JOUR PRVCA 77 034309
^{238}Pu	2007WAZV	NUCLEAR REACTIONS ^{130}Te(^{37}Cl, 4n), E=170 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, lifetimes by Doppler-shift method. ^{163}Tm; deduced high-spin levels, J, π, triaxial superdeformed bands, B(M1) / B(E2), transition quadrupole moments, potential energy surface calculations. ^{240,242}Pu(^{208}Pb, ^{208}Pb'), ^{239}Pu(^{207}Pb, ^{208}Pb), E=1300 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma(\theta)$ in 'unsafe' Coulomb excitation for ^{240,242}Pu and single-neutron transfer for ^{238}Pu. ^{238,240,242}Pu; deduced high-spin levels, J, π, A_2, A_4. THESIS X Wang, Notre Dame, Indiana

A=239

No references found

A=240

^{240}Pu	2007WAZV	NUCLEAR REACTIONS ^{130}Te(^{37}Cl, 4n), E=170 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, lifetimes by Doppler-shift method. ^{163}Tm; deduced high-spin levels, J, π, triaxial superdeformed bands, B(M1) / B(E2), transition quadrupole moments, potential energy surface calculations. ^{240,242}Pu(^{208}Pb, ^{208}Pb'), ^{239}Pu(^{207}Pb, ^{208}Pb), E=1300 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma(\theta)$ in 'unsafe' Coulomb excitation for ^{240,242}Pu and single-neutron transfer for ^{238}Pu. ^{238,240,242}Pu; deduced high-spin levels, J, π, A_2, A_4. THESIS X Wang, Notre Dame, Indiana
^{240}Am	2008TO06	NUCLEAR REACTIONS ^{241}Am(n, 2n), E=7.6-14.5 MeV; measured Eγ, Iγ, neutron time-of-flight spectra, σ, excitation functions. Comparison with evaluated data in ENDF / B-VII and JENDL-3.3. JOUR PRVCA 77 054610

A=241

^{241}Pu	2008ZH10	RADIOACTIVITY ^{241}Pu, ^{241}Am; measured Eγ, Eα, ^{241}Pu / ^{241}Am activity ratio. HPGe detectors, Ion-implanted Si charged particle detector. Thermal ionization mass spectrometry. JOUR RAACA 96 327
^{241}Am	2008LE07	RADIOACTIVITY ^{241}Am(α); measured Eγ, Iγ, E(X-ray), I(X-ray); deduced L X-ray emission probabilities. JOUR ARISE 66 715
	2008ZH10	RADIOACTIVITY ^{241}Pu, ^{241}Am; measured Eγ, Eα, ^{241}Pu / ^{241}Am activity ratio. HPGe detectors, Ion-implanted Si charged particle detector. Thermal ionization mass spectrometry. JOUR RAACA 96 327

A=242

^{242}Pu 2007WAZV NUCLEAR REACTIONS ^{130}Te(^{37}Cl, 4n), E=170 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, lifetimes by Doppler-shift method. ^{163}Tm; deduced high-spin levels, J, π, triaxial superdeformed bands, B(M1) / B(E2), transition quadrupole moments, potential energy surface calculations. ^{240,242}Pu(^{208}Pb, ^{208}Pb'), ^{239}Pu(^{207}Pb, ^{208}Pb), E=1300 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma(\theta)$ in 'unsafe' Coulomb excitation for ^{240,242}Pu and single-neutron transfer for ^{238}Pu. ^{238,240,242}Pu; deduced high-spin levels, J, π, A_2, A_4. THESIS X Wang, Notre Dame, Indiana

A=243

No references found

A=244

No references found

A=245

No references found

A=246

No references found

A=247

No references found

A=248

No references found

A=249

^{249}Bk 2008GU05 RADIOACTIVITY ^{253}Es(α); measured Eα, Iα, Eγ, Iγ, half-life for source implanted in an Iron foil at low temperatures. JOUR BRSPE 72 315

A=250

^{250}Bk	2008AH02	NUCLEAR REACTIONS ^{249}Bk(d, p), E=12.0 MeV; measured proton spectra, $\sigma(\theta)$. ^{250}Bk; deduced levels, J, π. JOUR PRVCA 77 054302
	2008AH02	RADIOACTIVITY ^{254}Es(α); measured Eα, Iα, Eγ, Iγ, ce, ICC, $\gamma\alpha$-coin. ^{250}Bk; deduced levels, J, π, hindrance factors, γ-multipolarities, band configurations. JOUR PRVCA 77 054302
^{250}Fm	2008GA08	RADIOACTIVITY ^{258}Rf(α) [from ^{238}U(^{26}Mg, 6n), E=4.9-6.0 MeV / nucleon]; ^{259}Rf(EC) [from ^{238}U(^{26}Mg, 5n), E=4.9-6.0 MeV / nucleon]; ^{260}Rf(α), (SF) [from ^{238}U(^{26}Mg, 4n), E=4.9-6.0 MeV / nucleon]; ^{261}Rf(α), (SF) [from ^{238}U(^{26}Mg, 3n), E=4.9-6.0 MeV / nucleon]; ^{254}No(α); measured α spectra, Q-values, charged particle spectra.^{242,244,246,248,250,252,254,256,258}Fm, ^{248,250,252,254,256}No, ^{250,252,254,256}Rf, ^{252,254,256,258,260}Sg; systematics. JOUR PRVCA 77 034603

A=251

No references found

A=252

^{252}Cf	2008DI11	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{109}Ru; deduced levels, J, π, band configurations. Total Routhian surface calculations. JOUR PRVCA 77 057302

A=253

^{253}Es	2008GU05	RADIOACTIVITY ^{253}Es(α); measured Eα, Iα, Eγ, Iγ, half-life for source implanted in an Iron foil at low temperatures. JOUR BRSPE 72 315

A=254

^{254}Es	2008AH02	RADIOACTIVITY ^{254}Es(α); measured Eα, Iα, Eγ, Iγ, ce, ICC, $\gamma\alpha$-coin. ^{250}Bk; deduced levels, J, π, hindrance factors, γ-multipolarities, band configurations. JOUR PRVCA 77 054302
^{254}No	2008GA08	RADIOACTIVITY ^{258}Rf(α) [from ^{238}U(^{26}Mg, 6n), E=4.9-6.0 MeV / nucleon]; ^{259}Rf(EC) [from ^{238}U(^{26}Mg, 5n), E=4.9-6.0 MeV / nucleon]; ^{260}Rf(α), (SF) [from ^{238}U(^{26}Mg, 4n), E=4.9-6.0 MeV / nucleon]; ^{261}Rf(α), (SF) [from ^{238}U(^{26}Mg, 3n), E=4.9-6.0 MeV / nucleon]; ^{254}No(α); measured α spectra, Q-values, charged particle spectra.^{242,244,246,248,250,252,254,256,258}Fm, ^{248,250,252,254,256}No, ^{250,252,254,256}Rf, ^{252,254,256,258,260}Sg; systematics. JOUR PRVCA 77 034603

A=255

No references found

A=256

^{256}No	2008GA08	RADIOACTIVITY ^{258}Rf(α) [from ^{238}U(^{26}Mg, 6n), E=4.9-6.0 MeV / nucleon]; ^{259}Rf(EC) [from ^{238}U(^{26}Mg, 5n), E=4.9-6.0 MeV / nucleon]; ^{260}Rf(α), (SF) [from ^{238}U(^{26}Mg, 4n), E=4.9-6.0 MeV / nucleon]; ^{261}Rf(α), (SF) [from ^{238}U(^{26}Mg, 3n), E=4.9-6.0 MeV / nucleon]; ^{254}No(α); measured α spectra, Q-values, charged particle spectra.^{242,244,246,248,250,252,254,256,258}Fm, ^{248,250,252,254,256}No, ^{250,252,254,256}Rf, ^{252,254,256,258,260}Sg; systematics. JOUR PRVCA 77 034603

A=257

^{257}No	2008GA08	RADIOACTIVITY ^{258}Rf(α) [from ^{238}U(^{26}Mg, 6n), E=4.9-6.0 MeV / nucleon]; ^{259}Rf(EC) [from ^{238}U(^{26}Mg, 5n), E=4.9-6.0 MeV / nucleon]; ^{260}Rf(α), (SF) [from ^{238}U(^{26}Mg, 4n), E=4.9-6.0 MeV / nucleon]; ^{261}Rf(α), (SF) [from ^{238}U(^{26}Mg, 3n), E=4.9-6.0 MeV / nucleon]; ^{254}No(α); measured α spectra, Q-values, charged particle spectra.^{242,244,246,248,250,252,254,256,258}Fm, ^{248,250,252,254,256}No, ^{250,252,254,256}Rf, ^{252,254,256,258,260}Sg; systematics. JOUR PRVCA 77 034603

A=258

^{258}Rf	2008GA08	NUCLEAR REACTIONS ^{238}U(^{26}Mg, 3n), (^{26}Mg, 4n), (^{26}Mg, 5n), (^{26}Mg, 6n), E=4.9-6.0 MeV / nucleon; measured excitation functions, σ, half-lives, cross sections. JOUR PRVCA 77 034603
	2008GA08	RADIOACTIVITY ^{258}Rf(α) [from ^{238}U(^{26}Mg, 6n), E=4.9-6.0 MeV / nucleon]; ^{259}Rf(EC) [from ^{238}U(^{26}Mg, 5n), E=4.9-6.0 MeV / nucleon]; ^{260}Rf(α), (SF) [from ^{238}U(^{26}Mg, 4n), E=4.9-6.0 MeV / nucleon]; ^{261}Rf(α), (SF) [from ^{238}U(^{26}Mg, 3n), E=4.9-6.0 MeV / nucleon]; ^{254}No(α); measured α spectra, Q-values, charged particle spectra.^{242,244,246,248,250,252,254,256,258}Fm, ^{248,250,252,254,256}No, ^{250,252,254,256}Rf, ^{252,254,256,258,260}Sg; systematics. JOUR PRVCA 77 034603

A=259

^{259}Lr	2008GA08	RADIOACTIVITY ^{258}Rf(α) [from ^{238}U(^{26}Mg, 6n), E=4.9-6.0 MeV / nucleon]; ^{259}Rf(EC) [from ^{238}U(^{26}Mg, 5n), E=4.9-6.0 MeV / nucleon]; ^{260}Rf(α), (SF) [from ^{238}U(^{26}Mg, 4n), E=4.9-6.0 MeV / nucleon]; ^{261}Rf(α), (SF) [from ^{238}U(^{26}Mg, 3n), E=4.9-6.0 MeV / nucleon]; ^{254}No(α); measured α spectra, Q-values, charged particle spectra.^{242,244,246,248,250,252,254,256,258}Fm, ^{248,250,252,254,256}No, ^{250,252,254,256}Rf, ^{252,254,256,258,260}Sg; systematics. JOUR PRVCA 77 034603
^{259}Rf	2008GA08	NUCLEAR REACTIONS ^{238}U(^{26}Mg, 3n), (^{26}Mg, 4n), (^{26}Mg, 5n), (^{26}Mg, 6n), E=4.9-6.0 MeV / nucleon; measured excitation functions, σ, half-lives, cross sections. JOUR PRVCA 77 034603
	2008GA08	RADIOACTIVITY ^{258}Rf(α) [from ^{238}U(^{26}Mg, 6n), E=4.9-6.0 MeV / nucleon]; ^{259}Rf(EC) [from ^{238}U(^{26}Mg, 5n), E=4.9-6.0 MeV / nucleon]; ^{260}Rf(α), (SF) [from ^{238}U(^{26}Mg, 4n), E=4.9-6.0 MeV / nucleon]; ^{261}Rf(α), (SF) [from ^{238}U(^{26}Mg, 3n), E=4.9-6.0 MeV / nucleon]; ^{254}No(α); measured α spectra, Q-values, charged particle spectra.^{242,244,246,248,250,252,254,256,258}Fm, ^{248,250,252,254,256}No, ^{250,252,254,256}Rf, ^{252,254,256,258,260}Sg; systematics. JOUR PRVCA 77 034603

A=260

^{260}Rf	2008GA08	NUCLEAR REACTIONS ^{238}U(^{26}Mg, 3n), (^{26}Mg, 4n), (^{26}Mg, 5n), (^{26}Mg, 6n), E=4.9-6.0 MeV / nucleon; measured excitation functions, σ, half-lives, cross sections. JOUR PRVCA 77 034603
	2008GA08	RADIOACTIVITY ^{258}Rf(α) [from ^{238}U(^{26}Mg, 6n), E=4.9-6.0 MeV / nucleon]; ^{259}Rf(EC) [from ^{238}U(^{26}Mg, 5n), E=4.9-6.0 MeV / nucleon]; ^{260}Rf(α), (SF) [from ^{238}U(^{26}Mg, 4n), E=4.9-6.0 MeV / nucleon]; ^{261}Rf(α), (SF) [from ^{238}U(^{26}Mg, 3n), E=4.9-6.0 MeV / nucleon]; ^{254}No(α); measured α spectra, Q-values, charged particle spectra.^{242,244,246,248,250,252,254,256,258}Fm, ^{248,250,252,254,256}No, ^{250,252,254,256}Rf, ^{252,254,256,258,260}Sg; systematics. JOUR PRVCA 77 034603

A=261

^{261}Rf	2008GA08	NUCLEAR REACTIONS ^{238}U(^{26}Mg, 3n), (^{26}Mg, 4n), (^{26}Mg, 5n), (^{26}Mg, 6n), E=4.9-6.0 MeV / nucleon; measured excitation functions, σ, half-lives, cross sections. JOUR PRVCA 77 034603
	2008GA08	RADIOACTIVITY ^{258}Rf(α) [from ^{238}U(^{26}Mg, 6n), E=4.9-6.0 MeV / nucleon]; ^{259}Rf(EC) [from ^{238}U(^{26}Mg, 5n), E=4.9-6.0 MeV / nucleon]; ^{260}Rf(α), (SF) [from ^{238}U(^{26}Mg, 4n), E=4.9-6.0 MeV / nucleon]; ^{261}Rf(α), (SF) [from ^{238}U(^{26}Mg, 3n), E=4.9-6.0 MeV / nucleon]; ^{254}No(α); measured α spectra, Q-values, charged particle spectra.^{242,244,246,248,250,252,254,256,258}Fm, ^{248,250,252,254,256}No, ^{250,252,254,256}Rf, ^{252,254,256,258,260}Sg; systematics. JOUR PRVCA 77 034603

A=262

No references found

A=263

No references found

A=264

No references found

A=265

No references found

A=266

No references found

A=267

No references found

A=268

No references found

A=269

^{269}Hs	2008DV02	NUCLEAR REACTIONS ^{248}Cm(^{26}Mg, xn)^{269}Hs / ^{270}Hs / ^{271}Hs, E=13-15 MeV; measured production σ. ^{271}Hs; deduced $T_{1/2}$. JOUR PRLTA 100 132503

A=270

^{270}Hs	2008DV02	NUCLEAR REACTIONS ^{248}Cm(^{26}Mg, xn)^{269}Hs / ^{270}Hs / ^{271}Hs, E=13-15 MeV; measured production σ. ^{271}Hs; deduced $T_{1/2}$. JOUR PRLTA 100 132503

A=271

^{271}Hs	2008DV02	NUCLEAR REACTIONS ^{248}Cm(^{26}Mg, xn)^{269}Hs / ^{270}Hs / ^{271}Hs, E=13-15 MeV; measured production σ. ^{271}Hs; deduced $T_{1/2}$. JOUR PRLTA 100 132503

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