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This document lists experimental references added to Nuclear Science References (NSR) during the period July 1, 2010 to September 30, 2010. The first section lists keynumbers and keywords sorted by mass and nuclide. The second section lists all references, ordered by keynumber.

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Contents

Keynumbers and Keywords

A=1

^{1}n	2010PI07	RADIOACTIVITY ^{1}NN(β^-); measured ultra cold neutron density; deduced neutron lifetime, $T_{1/2}$. Comparison with other experimental results. JOUR PYLBB 693 221
	2010POZZ	NUCLEAR REACTIONS ^{3}H(α, 2t), (α, t^{3}He), (α, dt), E=76.2 Mev; measured tt-, t^{3}He-, td-coin. ^{4}He; deduced levels, Γ. CONF St.-Petersburg,P137,Povoroznyk
	2010SE06	NUCLEAR REACTIONS ^{2}H(^{17}O, α^{14}N), E=41 MeV; ^{1}H(^{17}O, α), E=41 MeV; measured reaction products; deduced neutron momentum distribution, $\sigma(\theta$, E), σ, resonances. Trojan Horse Method. JOUR NIFBA 125 457
	2010ST08	NUCLEAR REACTIONS ^{1}H(polarized d, 2p), E=130 MeV; measured proton and deuteron spectra, vector and tensor analyzing powers; deduced asymmetry distributions. Vector- and tensor-polarized deuteron beam. Comparison with coupled-channels calculations and with Chiral perturbed theory. JOUR PRVCA 82 014003
	2010WA18	NUCLEAR REACTIONS ^{2}H(^{12}C, ^{13}N), (^{16}O, ^{17}F), E not given; ^{1}H(^{13}N, ^{13}N), (^{17}F, ^{17}F), E=47.8 MeV; measured reaction products, proton spectrum; ^{14}O, ^{18}Ne; deduced resonance parameters, J, π, $\sigma(\theta)$; R-matrix analysis. JOUR NUPAB 834 100c
^{1}H	2008MIZJ	NUCLEAR REACTIONS ^{1}H(^{7}Be, ^{7}Be), (^{7}Be, ^{7}Be'), E=17.7, 21.7, 26.3, 20 MeV; measured Ep, Ip, E(particle), I(particle), (particle)p-coin using thick and thin targets; deduced σ, $\sigma(\theta)$. Results on CD only. CONF E.Lansing (NS2008),P143,Mitchell
	2008URZY	NUCLEAR REACTIONS ^{1}H(^{12}C, ^{12}C'), E=38 MeV polarized target; measured analyzing power. Results on CD only. CONF E.Lansing (NS2008),P188,Urrego-Blanco
	2010AO01	NUCLEAR REACTIONS ^{1}H(^{74}Ni, ^{74}Ni'), E=81 MeV / nucleon; measured Eγ, Iγ; ^{74}Ni; deduced J, π, level energy, σ, deformation length and parameter. JOUR PYLBB 692 302
	2010BO07	NUCLEAR REACTIONS ^{1}H(n, n), E=14.9 MeV; measured Ep, Ip, σ, $\sigma(\theta)$. Comparison with predictions of phase-shift analysis and the ENDF / B-VII.0 evaluation. JOUR PRVCA 82 014001
	2010CH29	NUCLEAR REACTIONS ^{93}Nb(^{12}C, X)^{1}H / ^{4}He, E=37.5, 40, 45, 45.5 MeV; ^{89}Y(^{12}C, X), (^{16}O, X)^{1}H, E=40, 51, 54 MeV; measured proton spectra, Eα, Iα; deduced σ, σ(E), nuclear level density. JOUR PRAMC 75 115
	2010FA09	NUCLEAR REACTIONS ^{1}H(^{6}He, ^{6}He), E=82.3 MeV / nucleon; measured reaction products. ^{6}He; deduced $\sigma(\theta)$. Comparison with optical model CH89 or KD02 global potentials. JOUR CPLEE 27 092501
	2010GO16	NUCLEAR REACTIONS ^{1}H(^{13}O, X)^{14}F, E=31 MeV / nucleon; ^{1}H(^{14}O, ^{14}O), E=154 MeV; measured reaction products, proton spectra; deduced $\sigma(\theta)$, J, π, level scheme, resonances. Comparison with shell model calculations. JOUR PYLBB 692 307

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

	2010MI12	NUCLEAR REACTIONS ^{1}H(^{7}Be, ^{7}Be), (^{7}Be, ^{7}Be'), E=18.5, 22.0 MeV, [secondary ^{7}Be beam from primary ^{1}H(^{7}Li, ^{7}Be) reaction]; measured recoil proton and ^{7}Be spectra, (proton)(^{7}Be)-coin, excitation functions and angular distributions. ^{8}B; deduced levels, J, π, partial proton widths and total widths. R-matrix and time-dependent continuum shell model (TDCSM) analysis. Comparison with low-lying level structure of mirror nucleus ^{8}Li. JOUR PRVCA 82 011601
	2010PI07	RADIOACTIVITY ^{1}NN(β^-); measured ultra cold neutron density; deduced neutron lifetime, $T_{1/2}$. Comparison with other experimental results. JOUR PYLBB 693 221
	2010POZZ	NUCLEAR REACTIONS ^{3}H(α, 2t), (α, t^{3}He), (α, dt), E=76.2 Mev; measured tt-, t^{3}He-, td-coin. ^{4}He; deduced levels, Γ. CONF St.-Petersburg,P137,Povoroznyk
	2010SC17	NUCLEAR REACTIONS ^{1}H(γ, π^0), (γ, $\pi^0\gamma$), E=208-820 MeV; measured particle spectra, invariant mass and missing mass spectra, σ, $\sigma(\theta)$. Comparison with data and models. Energy-tagged photon beam. JOUR ZAANE 43 269
	2010WA18	NUCLEAR REACTIONS ^{2}H(^{12}C, ^{13}N), (^{16}O, ^{17}F), E not given; ^{1}H(^{13}N, ^{13}N), (^{17}F, ^{17}F), E=47.8 MeV; measured reaction products, proton spectrum; ^{14}O, ^{18}Ne; deduced resonance parameters, J, π, $\sigma(\theta)$; R-matrix analysis. JOUR NUPAB 834 100c

A=2

^{2}n	2010KO25	NUCLEAR REACTIONS ^{2}H(n, p), E=40-60 MeV; measured neutron TOF, En, In, proton spectra; deduced yields, neutron-neutron scattering length. JOUR PANUE 73 1302
^{2}H	2009RO29	NUCLEAR REACTIONS ^{12}C(^{8}He, ^{7}H), E=15.4 MeV / nucleon; measured Et, It, recoil spectra, (recoil)(triton)-coin; deduced correlations. ^{2}H(^{56}Ni, ^{56}Ni'), E=50 MeV / nucleon; measured recoiling Ed, Id. ^{56}Ni; deduced isoscaler giant monopole and giant quadrupole resonance parameters. ^{1}H(^{11}Li, ^{9}Li), E=33 MeV; measured Et, It, recoil spectra; deduced $\sigma(\theta)$, configurations. MAYA active target and SPIRAL radioactive beam facility at GANIL. JOUR ZAANE 42 447
	2010IL02	NUCLEAR REACTIONS ^{2}H(γ, π^0), E$\approx$0.55-1.15 GeV; measured $\sigma(\theta)$; deduced resonance features. Comparison with model calculations. JOUR ZAANE 43 261
	2010LA05	NUCLEAR REACTIONS ^{2}H, ^{16}O(n, n), E=ultracold; measured σ, γ-spectra, Bragg reflection spectra, low-temperature dependence on yield of ultracold neutrons. Liquid orthodeuterium and solid oxygen targets. Pulse-neutron incident beam. JOUR PRVCA 82 015502
	2010POZZ	NUCLEAR REACTIONS ^{3}H(α, 2t), (α, t^{3}He), (α, dt), E=76.2 Mev; measured tt-, t^{3}He-, td-coin. ^{4}He; deduced levels, Γ. CONF St.-Petersburg,P137,Povoroznyk

A=3

^{3}H	2008OTZY	NUCLEAR REACTIONS ^{4}He(^{12}Be, ^{13}B), E=50 MeV / nucleon; measured Eγ, Iγ, E(particle), I(particle, θ); deduced d$\sigma(\theta)$, 4.83 MeV proton intruder state deformation, J, π as $(1 / 2)^{+}$; calculated ^{13}B spectroscopic factor with deformed mean field provided by ^{12}Be core. Results on CD only. CONF E.Lansing (NS2008),P46,Ota
	2009RO29	NUCLEAR REACTIONS ^{12}C(^{8}He, ^{7}H), E=15.4 MeV / nucleon; measured Et, It, recoil spectra, (recoil)(triton)-coin; deduced correlations. ^{2}H(^{56}Ni, ^{56}Ni'), E=50 MeV / nucleon; measured recoiling Ed, Id. ^{56}Ni; deduced isoscaler giant monopole and giant quadrupole resonance parameters. ^{1}H(^{11}Li, ^{9}Li), E=33 MeV; measured Et, It, recoil spectra; deduced $\sigma(\theta)$, configurations. MAYA active target and SPIRAL radioactive beam facility at GANIL. JOUR ZAANE 42 447
	2009ZH42	NUCLEAR REACTIONS ^{2}H(d, γ), (d, p), E=20 keV; measured Eγ, Iγ, proton spectrum; deduced yields, branching ratio, S-factors. JOUR CPCHC 33 350
	2010CA22	NUCLEAR REACTIONS ^{3}H, ^{4}He(p, p), E=1.2-3.4 MeV; measured proton spectrum; deduced scattering $\sigma(\theta)$ and its trends. JOUR NIMBE 268 3373
^{3}He	2010LI19	NUCLEAR REACTIONS ^{2}H(^{7}Li, ^{6}He)n, E=46 MeV; measured reaction products; deduced $\sigma(\theta)$, proton spectroscopic factor of ^{7}Li ground state, optical potential parameters. Comparison with DWBA calculations. JOUR ZAANE 44 1

A=4

^{4}H	2010BE13	NUCLEAR REACTIONS ^{3}H(d, p), E=36.9 MeV; measured proton spectrum; deduced $\sigma(\theta)$, $\sigma(\theta$, E). JOUR BRSPE 74 761
^{4}He	2009ZH42	NUCLEAR REACTIONS ^{2}H(d, γ), (d, p), E=20 keV; measured Eγ, Iγ, proton spectrum; deduced yields, branching ratio, S-factors. JOUR CPCHC 33 350
	2010CA22	NUCLEAR REACTIONS ^{3}H, ^{4}He(p, p), E=1.2-3.4 MeV; measured proton spectrum; deduced scattering $\sigma(\theta)$ and its trends. JOUR NIMBE 268 3373
	2010CH29	NUCLEAR REACTIONS ^{93}Nb(^{12}C, X)^{1}H / ^{4}He, E=37.5, 40, 45, 45.5 MeV; ^{89}Y(^{12}C, X), (^{16}O, X)^{1}H, E=40, 51, 54 MeV; measured proton spectra, Eα, Iα; deduced σ, σ(E), nuclear level density. JOUR PRAMC 75 115
	2010LI29	NUCLEAR REACTIONS ^{1}H(^{7}Li, α), E=0.34-1.05 MeV; measured Eα, Iα, thick target yields; deduced target properties, electron screening, enhancement factors. Comparison with other data and calculations. ^{1}H(^{7}Li, α), E=4.3 MeV; measured Ep, Ip; deduced target ^{1}H concentration and associated properties. Elastic recoil detection analysis. Comparison with SIMNRA calculations. JOUR ZAANE 44 71
	2010MU04	NUCLEAR REACTIONS ^{159}Tb(^{10}B, X), (^{11}B, X)^{4}He, E=38-72 MeV; ^{159}Tb(^{6}Li, X), (^{7}Li, X)^{4}He, E=28-43 MeV; measured reaction products, evaporation residue Eγ, Iγ; deduced fusion σ, $\sigma(\theta)$, α-yields. Comparison with CDCC calculations. JOUR PRAMC 75 99

A=4 *(continued)*

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

A=5

No references found

A=6

^{6}He
2008WUZY NUCLEAR REACTIONS ^{7,8}Li(d, ^{3}He), E not given; ^{7}Li(d, t), E not given; ^{2}H(^{12}B, p), E not given; measured E(particle), I(particle, θ); deduced d$\sigma(\theta)$, spectroscopic factors; calculated d$\sigma(\theta)$, spectroscopic factors. Results on CD only. CONF E.Lansing (NS2008),P57,Wuosmaa

2009FO09 NUCLEAR REACTIONS ^{3}H(^{6}He, p), (^{8}He, p), E=25, 27.4 MeV / nucleon; ^{6,8}He; measured reaction products; deduced missing mass spectra, resonance J, π, energy, yields. Comparison with other results. JOUR ZAANE 42 465

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

^{6}Li
2008WUZY NUCLEAR REACTIONS ^{7,8}Li(d, ^{3}He), E not given; ^{7}Li(d, t), E not given; ^{2}H(^{12}B, p), E not given; measured E(particle), I(particle, θ); deduced d$\sigma(\theta)$, spectroscopic factors; calculated d$\sigma(\theta)$, spectroscopic factors. Results on CD only. CONF E.Lansing (NS2008),P57,Wuosmaa

A=7

^{7}H
2010NI10 NUCLEAR REACTIONS ^{2}H(^{8}He, ^{3}He)^{7}H, E=42 MeV / nucleon; ^{2}H(^{12}Be, ^{3}He)^{11}Li, E=71 MeV / nucleon; measured ^{3}He spectra; deduced missing-mass spectra of ^{7}H. Search for ^{7}H. Comparison with DWBA calculations. JOUR PRVCA 81 064606

^{7}He
2008WUZY NUCLEAR REACTIONS ^{7,8}Li(d, ^{3}He), E not given; ^{7}Li(d, t), E not given; ^{2}H(^{12}B, p), E not given; measured E(particle), I(particle, θ); deduced d$\sigma(\theta)$, spectroscopic factors; calculated d$\sigma(\theta)$, spectroscopic factors. Results on CD only. CONF E.Lansing (NS2008),P57,Wuosmaa

^{7}Li
2010VE04 NUCLEAR REACTIONS ^{9}Be(^{7}Li, X), E=15.75, 24, 30 MeV; ^{9}Be(^{7}Be, X), E=17, 19, 21 MeV; ^{9}Be(^{7}Be, ^{6}Li), E=19, 21 MeV; measured reaction products; ^{7,9}Be, ^{7}Li; deduced $\sigma(\theta)$, α-energy spectra, energy dependence of the fusion σ. Comparison with FRDWBA calculations. JOUR ZAANE 44 385

^{7}Be
2009BA59 NUCLEAR REACTIONS ^{1}H(^{7}Be, γ), (^{17}F, γ), (^{24}Mg, γ), E=12 MeV;^{7}Be, ^{17}F, ^{24}Mg; measured reaction products; deduced yields, σ for (p, γ) reactions. JOUR ZAANE 42 457

A=7 *(continued)*

	2010VE04	NUCLEAR REACTIONS ^{9}Be(^{7}Li, X), E=15.75, 24, 30 MeV; ^{9}Be(^{7}Be, X), E=17, 19, 21 MeV; ^{9}Be(^{7}Be, ^{6}Li), E=19, 21 MeV; measured reaction products; ^{7,9}Be, ^{7}Li; deduced $\sigma(\theta)$, α-energy spectra, energy dependence of the fusion σ. Comparison with FRDWBA calculations. JOUR ZAANE 44 385

A=8

^{8}He	2009FO09	NUCLEAR REACTIONS ^{3}H(^{6}He, p), (^{8}He, p), E=25, 27.4 MeV / nucleon; ^{6,8}He; measured reaction products; deduced missing mass spectra, resonance J, π, energy, yields. Comparison with other results. JOUR ZAANE 42 465
^{8}Be	2010BU05	NUCLEAR REACTIONS ^{9}Be(e, e'), E=73 MeV; measured electron spectra, σ, $\sigma(\theta)$; deduced parameters of the first 1 / 2+ resonance, widths, B(E1). R-matrix analysis. ^{9}Be(γ, n), E=1.6-2.0 MeV; deduced averaged σ. Deduced reaction rates for ^{4}He(nα, γ)^{9}Be at temperatures T_9=0.001 to 0.03. Comparison with shell-model calculations. Discussed implications for possible production of ^{12C} in neutron-rich astrophysical scenarios. JOUR PRVCA 82 015808
^{8}B	2009BA59	NUCLEAR REACTIONS ^{1}H(^{7}Be, γ), (^{17}F, γ), (^{24}Mg, γ), E=12 MeV;^{7}Be, ^{17}F, ^{24}Mg; measured reaction products; deduced yields, σ for (p, γ) reactions. JOUR ZAANE 42 457
	2010MI12	NUCLEAR REACTIONS ^{1}H(^{7}Be, ^{7}Be), (^{7}Be, ^{7}Be'), E=18.5, 22.0 MeV, [secondary ^{7}Be beam from primary ^{1}H(^{7}Li, ^{7}Be) reaction]; measured recoil proton and ^{7}Be spectra, (proton)(^{7}Be)-coin, excitation functions and angular distributions. ^{8}B; deduced levels, J, π, partial proton widths and total widths. R-matrix and time-dependent continuum shell model (TDCSM) analysis. Comparison with low-lying level structure of mirror nucleus ^{8}Li. JOUR PRVCA 82 011601

A=9

^{9}Be	2009ON02	NUCLEAR REACTIONS ^{9}Be(^{16}C, ^{16}C'), (^{18}C, ^{18}C'), E=72.79 MeV / nucleon; ^{16,18}C; measured measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives using the upgraded recoil shadow method; deduced mean lifetime, B(E2), hinderance of transition strength, proton-shell closure. ^{22}Ne secondary beams. JOUR ZAANE 42 393
	2010BU05	NUCLEAR REACTIONS ^{9}Be(e, e'), E=73 MeV; measured electron spectra, σ, $\sigma(\theta)$; deduced parameters of the first 1 / 2+ resonance, widths, B(E1). R-matrix analysis. ^{9}Be(γ, n), E=1.6-2.0 MeV; deduced averaged σ. Deduced reaction rates for ^{4}He(nα, γ)^{9}Be at temperatures T_9=0.001 to 0.03. Comparison with shell-model calculations. Discussed implications for possible production of ^{12C} in neutron-rich astrophysical scenarios. JOUR PRVCA 82 015808
	2010CH18	ATOMIC MASSES ^{9,10}Be; measured ion beam intensities; deduced ^{10}Be / ^{9}Be isotope ratio. JOUR NIMBE 268 192

A=9 *(continued)*

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

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

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

2010VE04 NUCLEAR REACTIONS ^{9}Be(^{7}Li, X), E=15.75, 24, 30 MeV; ^{9}Be(^{7}Be, X), E=17, 19, 21 MeV; ^{9}Be(^{7}Be, ^{6}Li), E=19, 21 MeV; measured reaction products; ^{7,9}Be, ^{7}Li; deduced $\sigma(\theta)$, α-energy spectra, energy dependence of the fusion σ. Comparison with FRDWBA calculations. JOUR ZAANE 44 385

A=10

^{10}He 2009FO09 NUCLEAR REACTIONS ^{3}H(^{6}He, p), (^{8}He, p), E=25, 27.4 MeV / nucleon; ^{6,8}He; measured reaction products; deduced missing mass spectra, resonance J, π, energy, yields. Comparison with other results. JOUR ZAANE 42 465

^{10}Be 2008MCZX NUCLEAR REACTIONS ^{7}Li(^{7}Li, α), E=10 MeV; measured Eγ, I$\gamma(\theta$, t), E(recoil), (recoil)γ-coin; deduced $T_{1/2}$, B(E2), quadrupole moment. Results on CD only. CONF E.Lansing (NS2008),P55,McCutchan

2010CH18 RADIOACTIVITY ^{10}Be(β^-); measured electron spectrum; deduced ^{10}Be activity, $T_{1/2}$. JOUR NIMBE 268 192

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

2010KO19 RADIOACTIVITY ^{10}Be(β^-); measured electron spectrum; deduced ^{10}Be activity, $T_{1/2}$. Liquid scintillation counting (LSC). JOUR NIMBE 268 187

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

A=10 *(continued)*

	2010RE05	NUCLEAR REACTIONS ^{9}Be(^{26}Si, ^{25}Si), E=109 MeV / nucleon; ^{9}Be(^{30}S, ^{29}S), E=103 MeV / nucleon, [secondary beams of ^{26}Si and ^{30}S from primary ^{9}Be(^{36}Ar, X), E=150 MeV / nucleon]; measured Eγ, Iγ, (particle)γ-coin, σ using SeGA array. ^{25}Si, ^{29}S; deduced levels, J, π. Comparisons with previous experimental data, mirror nuclei ^{25}Na and ^{29}Al, and shell model calculations. JOUR PRVCA 81 067303
^{10}B	2010CH18	RADIOACTIVITY ^{10}Be(β^-); measured electron spectrum; deduced ^{10}Be activity, $T_{1/2}$. JOUR NIMBE 268 192
	2010CH18	ATOMIC MASSES ^{9,10}Be; measured ion beam intensities; deduced ^{10}Be / ^{9}Be isotope ratio. JOUR NIMBE 268 192
	2010KO19	RADIOACTIVITY ^{10}Be(β^-); measured electron spectrum; deduced ^{10}Be activity, $T_{1/2}$. Liquid scintillation counting (LSC). JOUR NIMBE 268 187
	2010KO19	ATOMIC MASSES ^{9,10}Be; measured ion beam intensities; deduced ^{10}Be / ^{9}Be isotopic ratio. Heavy-Ion Elastic Recoil Detection (HI-ERD). JOUR NIMBE 268 187
	2010VE04	NUCLEAR REACTIONS ^{9}Be(^{7}Li, X), E=15.75, 24, 30 MeV; ^{9}Be(^{7}Be, X), E=17, 19, 21 MeV; ^{9}Be(^{7}Be, ^{6}Li), E=19, 21 MeV; measured reaction products; ^{7,9}Be, ^{7}Li; deduced $\sigma(\theta)$, α-energy spectra, energy dependence of the fusion σ. Comparison with FRDWBA calculations. JOUR ZAANE 44 385

A=11

^{11}Li	2009MA72	RADIOACTIVITY ^{11}Li(β^-) [from Ta(p, X), E=1.4 GeV]; measured decay products; deduced β-delayed ^{8}Li + t branch of the ^{11}Li decay, branching ratio. Comparison with Monte-Carlo calculations. JOUR ZAANE 42 415
	2010NI10	NUCLEAR REACTIONS ^{2}H(^{8}He, ^{3}He)^{7}H, E=42 MeV / nucleon; ^{2}H(^{12}Be, ^{3}He)^{11}Li, E=71 MeV / nucleon; measured ^{3}He spectra; deduced missing-mass spectra of ^{7}H. Search for ^{7}H. Comparison with DWBA calculations. JOUR PRVCA 81 064606
^{11}Be	2009MA72	RADIOACTIVITY ^{11}Li(β^-) [from Ta(p, X), E=1.4 GeV]; measured decay products; deduced β-delayed ^{8}Li + t branch of the ^{11}Li decay, branching ratio. Comparison with Monte-Carlo calculations. JOUR ZAANE 42 415
	2010GL02	NUCLEAR REACTIONS ^{12}C, ^{16}O(γ, π^+p), E<450 MeV; measured pion and proton spectra; deduced differential yield, number of isobars per nucleon. JOUR BRSPE 74 747
	2010MA29	NUCLEAR REACTIONS ^{9}Be(^{6}He, ^{6}He), (^{6}He, α), E=16.8 MeV; measured reaction products; deduced $\sigma(\theta)$, total energy, ^{11}Be excitation energy spectrum. Comparison with continuum-discretised coupled-channel method (CDCC) calculations. JOUR ZAANE 43 153
^{11}C	2008FAZT	NUCLEAR REACTIONS ^{9}Be, ^{12}C(^{32}Mg, ^{30}Ne), E=87.6, 91.6 MeV / nucleon; measured Eγ, Iγ; deduced ^{30}Ne, ^{32}Mg, ^{34}Si E, J, π, σ; calculated E, J, π, σ. Experiment about 50% of theoretical results; deduced details on occupied proton orbitals. Results on CD only. CONF E.Lansing (NS2008),P45,Fallon

A=12

^{12}Be	2008PIZU	NUCLEAR REACTIONS ^{9}Be(^{58}Ni, ^{55}Ni), E=160 MeV / nucleon; measured ^{55}Ni polarization; deduced magnetic moment. Results on CD only. CONF E.Lansing (NS2008),P161,Pinter
^{12}C	2008AOZX	NUCLEAR REACTIONS ^{12}C(^{17}B, ^{17}B'), E not given; ^{12}C(^{15}B, ^{15}B'), E not given; measured reaction products; deduced Q, neutron effective charge. Results on CD only. CONF E.Lansing (NS2008),P52,Aoi
	2010CH17	NUCLEAR REACTIONS ^{12}C(e, e'), E=29-78 MeV; measured reaction products; deduced transition form factors, charge density, pair decay width of the Hoyle state. JOUR PRLTA 105 022501
	2010KI08	NUCLEAR REACTIONS ^{11}B(^{3}He, d), E=8.5 MeV; measured Eα, Iα, α-α coin. ^{12}C; deduced levels, resonances, J, π, decays through ^{8}Be, simulations of the Dalitz distributions based on four different theoretical models. Discussed mechanisms of sequential, democratic and three body decay modes of ^{12}C resonances. JOUR PRVCA 81 064313
	2010MO14	NUCLEAR REACTIONS ^{12}C(^{68}Zn, ^{68}Zn'), E=180 MeV; measured Eγ, Iγ, (particle)$\gamma(\theta$, H), precession angles in transient fields. ^{68}Zn; deduced g factors. Coulomb excitation. ^{62,64,66,70}Zn; reanalyzed g factors. Comparison with large-scale shell-model calculations. JOUR PRVCA 82 014301
	2010OG03	NUCLEAR REACTIONS ^{12}C(α, α'), E(cm)$\approx$=45-300 MeV; ^{12}C(^{3}He, ^{3}He'), E(cm)$\approx$25-95 MeV; ^{12}C(d, d'), E(cm)$\approx$45-170 MeV; ^{12}C(^{6}Li, ^{6}Li'), E(cm)$\approx$82-115 MeV; ^{12}C(^{12}C, ^{12}C'), E(cm)$\approx$61-80 MeV; measured particle spectra, angular distributions; deduced ground and excited state diffraction radii, radii. ^{13}C; deduced neutron halo using diffractive and rainbow scattering. JOUR NUPAB 834 143c

A=13

^{13}B	2008WUZY	NUCLEAR REACTIONS ^{7,8}Li(d, ^{3}He), E not given; ^{7}Li(d, t), E not given; ^{2}H(^{12}B, p), E not given; measured E(particle), I(particle, θ); deduced d$\sigma(\theta)$, spectroscopic factors; calculated d$\sigma(\theta)$, spectroscopic factors. Results on CD only. CONF E.Lansing (NS2008),P57,Wuosmaa
^{13}C	2010OG03	NUCLEAR REACTIONS ^{12}C(α, α'), E(cm)$\approx$=45-300 MeV; ^{12}C(^{3}He, ^{3}He'), E(cm)$\approx$25-95 MeV; ^{12}C(d, d'), E(cm)$\approx$45-170 MeV; ^{12}C(^{6}Li, ^{6}Li'), E(cm)$\approx$82-115 MeV; ^{12}C(^{12}C, ^{12}C'), E(cm)$\approx$61-80 MeV; measured particle spectra, angular distributions; deduced ground and excited state diffraction radii, radii. ^{13}C; deduced neutron halo using diffractive and rainbow scattering. JOUR NUPAB 834 143c
^{13}N	2009RO29	NUCLEAR REACTIONS ^{12}C(^{8}He, ^{7}H), E=15.4 MeV / nucleon; measured Et, It, recoil spectra, (recoil)(triton)-coin; deduced correlations. ^{2}H(^{56}Ni, ^{56}Ni'), E=50 MeV / nucleon; measured recoiling Ed, Id. ^{56}Ni; deduced isoscaler giant monopole and giant quadrupole resonance parameters. ^{1}H(^{11}Li, ^{9}Li), E=33 MeV; measured Et, It, recoil spectra; deduced $\sigma(\theta)$, configurations. MAYA active target and SPIRAL radioactive beam facility at GANIL. JOUR ZAANE 42 447

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

	2009WA25	NUCLEAR REACTIONS ^{1}H(^{13}N, p), E=47.8 MeV; measured reaction products; ^{14}O; deduced σ, resonance parameters, J, π. Monte-Carlo simulations. JOUR CPCHC 33 181

A=14

^{14}Be	2008SPZV	RADIOACTIVITY ^{15}Be(n)[from 2p knockout from ^{17}C at 54 MeV / nucleon]; measured E(particle, θ), Z(particle), En, In(θ), (particle)n-coin. ^{14,15}Be deduced mass excess, Q-value. Results on CD only. CONF E.Lansing (NS2008),P177,Spyrou
^{14}N	2010MI11	NUCLEAR REACTIONS ^{16}O(e, e'np)^{14}N, E=215 MeV; ^{16}O(γ, pn)^{14}N, E=100-800 MeV; measured reaction products; deduced σ. Comparison with Pavia model of two-nucleon knockout predictions. JOUR ZAANE 43 137
	2010PA17	NUCLEAR REACTIONS ^{16}O(n, t) E=81.8-33.1 MeV; measured Ee, Ie; deduced yields, σ. Comparison with other measurements. JOUR JRNCD 285 399
	2010SE06	NUCLEAR REACTIONS ^{2}H(^{17}O, α^{14}N), E=41 MeV; ^{1}H(^{17}O, α), E=41 MeV; measured reaction products; deduced neutron momentum distribution, $\sigma(\theta$, E), σ, resonances. Trojan Horse Method. JOUR NIFBA 125 457
^{14}O	2008FAZT	NUCLEAR REACTIONS ^{9}Be, ^{12}C(^{32}Mg, ^{30}Ne), E=87.6, 91.6 MeV / nucleon; measured Eγ, Iγ; deduced ^{30}Ne, ^{32}Mg, ^{34}Si E, J, π, σ; calculated E, J, π, σ. Experiment about 50% of theoretical results; deduced details on occupied proton orbitals. Results on CD only. CONF E.Lansing (NS2008),P45,Fallon
	2009MU17	RADIOACTIVITY ^{16}Ne, ^{19}Mg(2p), ^{15}F(p) [from ^{9}Be(^{17}Ne, ^{16}Ne), E=410 MeV / nucleon and ^{9}Be(^{20}Mg, ^{19}Mg), E=450 MeV / nucleon]; measured p-spectra, particle-spectra, p(particle)-coin, angular distributions / correlations; deduced $T_{1/2}$. Comparison with model calculations. Secondary radioactive beam. JOUR ZAANE 42 421
	2009WA25	NUCLEAR REACTIONS ^{1}H(^{13}N, p), E=47.8 MeV; measured reaction products; ^{14}O; deduced σ, resonance parameters, J, π. Monte-Carlo simulations. JOUR CPCHC 33 181
	2010HA15	NUCLEAR REACTIONS ^{4}He(^{14}O, α), E=24, 35 MeV; ^{18}Ne; measured reaction products; deduced ^{18}Ne resonance parameters, $\sigma(\theta)$. JOUR KPSJA 57 40
	2010WA18	NUCLEAR REACTIONS ^{2}H(^{12}C, ^{13}N), (^{16}O, ^{17}F), E not given; ^{1}H(^{13}N, ^{13}N), (^{17}F, ^{17}F), E=47.8 MeV; measured reaction products, proton spectrum; ^{14}O, ^{18}Ne; deduced resonance parameters, J, π, $\sigma(\theta)$; R-matrix analysis. JOUR NUPAB 834 100c
^{14}F	2010GO16	NUCLEAR REACTIONS ^{1}H(^{13}O, X)^{14}F, E=31 MeV / nucleon; ^{1}H(^{14}O, ^{14}O), E=154 MeV; measured reaction products, proton spectra; deduced $\sigma(\theta)$, J, π, level scheme, resonances. Comparison with shell model calculations. JOUR PYLBB 692 307

A=15

^{15}Be	2008SPZV	RADIOACTIVITY ^{15}Be(n)[from 2p knockout from ^{17}C at 54 MeV / nucleon]; measured E(particle, θ), Z(particle), En, In(θ), (particle)n-coin. ^{14,15}Be deduced mass excess, Q-value. Results on CD only. CONF E.Lansing (NS2008),P177,Spyrou
^{15}C	2010GL02	NUCLEAR REACTIONS ^{12}C, ^{16}O(γ, π^+p), E<450 MeV; measured pion and proton spectra; deduced differential yield, number of isobars per nucleon. JOUR BRSPE 74 747
^{15}O	2009LU24	NUCLEAR REACTIONS ^{12}C(^{17}Ne, X)^{16}F / ^{15}O, E=30.8 MeV / nucleon; measured reaction products, proton spectrum; deduced coincidences between protons and ^{15}O events. JOUR CPCHC 33 s01 170
^{15}F	2009MU17	RADIOACTIVITY ^{16}Ne, ^{19}Mg(2p), ^{15}F(p) [from ^{9}Be(^{17}Ne, ^{16}Ne), E=410 MeV / nucleon and ^{9}Be(^{20}Mg, ^{19}Mg), E=450 MeV / nucleon]; measured p-spectra, particle-spectra, p(particle)-coin, angular distributions / correlations; deduced $T_{1/2}$. Comparison with model calculations. Secondary radioactive beam. JOUR ZAANE 42 421

A=16

^{16}C	2008AOZX	RADIOACTIVITY ^{16}C(β^-), ^{18}C(β^-); measured Eγ, Iγ, E(particle), (particle)γ-coin; deduced $T_{1/2}$, B(E2). Results on CD only. CONF E.Lansing (NS2008),P52,Aoi
	2008WIZR	NUCLEAR REACTIONS ^{9}Be(^{9}Be, 2p), E=40 MeV; measured Eγ, Iγ, Ep, Ip, 2pγ-coin; deduced ^{16}C 2^+ state $T_{1/2}$ lifetime 2^+, B(E2), n, p transition matrix elements. Results on CD only. CONF E.Lansing (NS2008),P53,Wiedeking
	2009ON02	NUCLEAR REACTIONS ^{9}Be(^{16}C, ^{16}C'), (^{18}C, ^{18}C'), E=72.79 MeV / nucleon; ^{16,18}C; measured measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives using the upgraded recoil shadow method; deduced mean lifetime, B(E2), hinderance of transition strength, proton-shell closure. ^{22}Ne secondary beams. JOUR ZAANE 42 393
	2010WU06	NUCLEAR REACTIONS ^{2}H(^{15}C, p)^{16}C, E=123 MeV; measured proton spectra; deduced $\sigma(\theta)$, relative spectroscopic factors, excitation energies, wave functions. Comparison with shell model calculations. JOUR PRLTA 105 132501
^{16}N	2008AOZX	RADIOACTIVITY ^{16}C(β^-), ^{18}C(β^-); measured Eγ, Iγ, E(particle), (particle)γ-coin; deduced $T_{1/2}$, B(E2). Results on CD only. CONF E.Lansing (NS2008),P52,Aoi
^{16}O	2010LA05	NUCLEAR REACTIONS ^{2}H, ^{16}O(n, n), E=ultracold; measured σ, γ-spectra, Bragg reflection spectra, low-temperature dependence on yield of ultracold neutrons. Liquid orthodeuterium and solid oxygen targets. Pulse-neutron incident beam. JOUR PRVCA 82 015502
^{16}F	2009LU24	NUCLEAR REACTIONS ^{12}C(^{17}Ne, X)^{16}F / ^{15}O, E=30.8 MeV / nucleon; measured reaction products, proton spectrum; deduced coincidences between protons and ^{15}O events. JOUR CPCHC 33 s01 170

A=16 *(continued)*

^{16}Ne	2009MU17	NUCLEAR REACTIONS ^{9}Be(^{20}Mg, X)^{19}Mg, E=450 MeV / nucleon; ^{9}Be(^{17}Ne, X)^{16}Ne, E=410 MeV / nucleon; measured p-spectra, particle-spectra, p(particle)-coin, angular distributions / correlations. ^{19}Mg, ^{16}Ne; deduced 2p $T_{1/2}$. Comparison with model calculations. Secondary radioactive beam. JOUR ZAANE 42 421
	2009MU17	RADIOACTIVITY ^{16}Ne, ^{19}Mg(2p), ^{15}F(p) [from ^{9}Be(^{17}Ne, ^{16}Ne), E=410 MeV / nucleon and ^{9}Be(^{20}Mg, ^{19}Mg), E=450 MeV / nucleon]; measured p-spectra, particle-spectra, p(particle)-coin, angular distributions / correlations; deduced $T_{1/2}$. Comparison with model calculations. Secondary radioactive beam. JOUR ZAANE 42 421

A=17

^{17}F	2009BA59	NUCLEAR REACTIONS ^{1}H(^{7}Be, γ), (^{17}F, γ), (^{24}Mg, γ), E=12 MeV;^{7}Be, ^{17}F, ^{24}Mg; measured reaction products; deduced yields, σ for (p, γ) reactions. JOUR ZAANE 42 457
^{17}Ne	2008VOZU	RADIOACTIVITY ^{19}Mg(2p)[from ^{24}Mg on ^{9}Be target]; measured E(particle), I(particle), (particle)(particle)-coin. Preliminary. Abstract is on other paper, not contained on CD. Results on CD only. CONF E.Lansing (NS2008),P190,Voss
	2009MU17	RADIOACTIVITY ^{16}Ne, ^{19}Mg(2p), ^{15}F(p) [from ^{9}Be(^{17}Ne, ^{16}Ne), E=410 MeV / nucleon and ^{9}Be(^{20}Mg, ^{19}Mg), E=450 MeV / nucleon]; measured p-spectra, particle-spectra, p(particle)-coin, angular distributions / correlations; deduced $T_{1/2}$. Comparison with model calculations. Secondary radioactive beam. JOUR ZAANE 42 421

A=18

^{18}C	2008AOZX	RADIOACTIVITY ^{16}C(β^-), ^{18}C(β^-); measured Eγ, Iγ, E(particle), (particle)γ-coin; deduced $T_{1/2}$, B(E2). Results on CD only. CONF E.Lansing (NS2008),P52,Aoi
	2009ON02	NUCLEAR REACTIONS ^{9}Be(^{16}C, ^{16}C'), (^{18}C, ^{18}C'), E=72.79 MeV / nucleon; ^{16,18}C; measured measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives using the upgraded recoil shadow method; deduced mean lifetime, B(E2), hinderance of transition strength, proton-shell closure. ^{22}Ne secondary beams. JOUR ZAANE 42 393
^{18}N	2008AOZX	RADIOACTIVITY ^{16}C(β^-), ^{18}C(β^-); measured Eγ, Iγ, E(particle), (particle)γ-coin; deduced $T_{1/2}$, B(E2). Results on CD only. CONF E.Lansing (NS2008),P52,Aoi
^{18}O	2010VO04	NUCLEAR REACTIONS ^{12}C(^{7}Li, p), E=44 MeV; measured reaction products; deduced proton energy spectrum and ^{18}O excitation energies, cluster, molecular and rotational bands, $\sigma(\theta)$, J, π, resonance widths. JOUR ZAANE 43 17
^{18}Ne	2009BA59	NUCLEAR REACTIONS ^{1}H(^{7}Be, γ), (^{17}F, γ), (^{24}Mg, γ), E=12 MeV;^{7}Be, ^{17}F, ^{24}Mg; measured reaction products; deduced yields, σ for (p, γ) reactions. JOUR ZAANE 42 457

A=18 *(continued)*

2010HA15 NUCLEAR REACTIONS ^{4}He(^{14}O, α), E=24, 35 MeV; ^{18}Ne; measured reaction products; deduced ^{18}Ne resonance parameters, $\sigma(\theta)$. JOUR KPSJA 57 40

2010WA18 NUCLEAR REACTIONS ^{2}H(^{12}C, ^{13}N), (^{16}O, ^{17}F), E not given; ^{1}H(^{13}N, ^{13}N), (^{17}F, ^{17}F), E=47.8 MeV; measured reaction products, proton spectrum; ^{14}O, ^{18}Ne; deduced resonance parameters, J, π, $\sigma(\theta)$; R-matrix analysis. JOUR NUPAB 834 100c

A=19

^{19}Mg

2008VOZU RADIOACTIVITY ^{19}Mg(2p)[from ^{24}Mg on ^{9}Be target]; measured E(particle), I(particle), (particle)(particle)-coin. Preliminary. Abstract is on other paper, not contained on CD. Results on CD only. CONF E.Lansing (NS2008),P190,Voss

2009MU17 NUCLEAR REACTIONS ^{9}Be(^{20}Mg, X)^{19}Mg, E=450 MeV / nucleon; ^{9}Be(^{17}Ne, X)^{16}Ne, E=410 MeV / nucleon; measured p-spectra, particle-spectra, p(particle)-coin, angular distributions / correlations. ^{19}Mg, ^{16}Ne; deduced 2p $T_{1/2}$. Comparison with model calculations. Secondary radioactive beam. JOUR ZAANE 42 421

2009MU17 RADIOACTIVITY ^{16}Ne, ^{19}Mg(2p), ^{15}F(p) [from ^{9}Be(^{17}Ne, ^{16}Ne), E=410 MeV / nucleon and ^{9}Be(^{20}Mg, ^{19}Mg), E=450 MeV / nucleon]; measured p-spectra, particle-spectra, p(particle)-coin, angular distributions / correlations; deduced $T_{1/2}$. Comparison with model calculations. Secondary radioactive beam. JOUR ZAANE 42 421

A=20

^{20}Na

2009SC28 NUCLEAR REACTIONS Ti(^{20}Na, ^{20}Na'), (^{21}Na, ^{21}Na'), E=1.7 MeV / nucleon; ^{20,21}Na, ^{48}Ti; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin, angular correlations and γ-ray yield; deduced B(E2), levels, J, π, mixing ratios, transition matrix elements. Tigress and Bambino arrays at TRIUMF-ISAC facility. GOSIA analysis of Coulomb excitation data. Comparisons with shell-model calculations using the USD, USDB and p-sd effective interactions employing OXBASH shell-model code. JOUR ZAANE 42 477

A=21

^{21}F

2008YOZV RADIOACTIVITY ^{21}Mg;^{21}F;^{71}Cu;^{72}Cu; measured β asymmetry using laser spectroscopy; deduced ground state μ, quadrupole moment, spin. Results on CD only. CONF E.Lansing (NS2008),P63,Yordanov

^{21}Ne

2010WI07 RADIOACTIVITY ^{21}Na, ^{213}Ra(EC), ^{225}Ra(β^-), ^{213}Ra(α); measured recoiling ion in coincidence with β-particle, hfs; deduced correlation parameters, hyperfine splitting, transition fluorescence. JOUR PRAMC 75 163

A=21 *(continued)*

^{21}Na	2009SC28	NUCLEAR REACTIONS Ti(^{20}Na, ^{20}Na'), (^{21}Na, ^{21}Na'), E=1.7 MeV / nucleon; ^{20,21}Na, ^{48}Ti; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin, angular correlations and γ-ray yield; deduced B(E2), levels, J, π, mixing ratios, transition matrix elements. Tigress and Bambino arrays at TRIUMF-ISAC facility. GOSIA analysis of Coulomb excitation data. Comparisons with shell-model calculations using the USD, USDB and p-sd effective interactions employing OXBASH shell-model code. JOUR ZAANE 42 477
	2010WI07	RADIOACTIVITY ^{21}Na, ^{213}Ra(EC), ^{225}Ra(β^-), ^{213}Ra(α); measured recoiling ion in coincidence with β-particle, hfs; deduced correlation parameters, hyperfine splitting, transition fluorescence. JOUR PRAMC 75 163
^{21}Mg	2008YOZV	RADIOACTIVITY ^{21}Mg;^{21}F;^{71}Cu;^{72}Cu; measured β asymmetry using laser spectroscopy; deduced ground state μ, quadrupole moment, spin. Results on CD only. CONF E.Lansing (NS2008),P63,Yordanov

A=22

^{22}F	2008MIZM	RADIOACTIVITY ^{22}F(β^-); measured Eβ, Iβ using NMR; deduced μ, quadrupole moment. Abstract only. CONF E.Lansing (NS2008),P140,Mihara
	2008OHZS	RADIOACTIVITY ^{22}F(β^-), ^{24m}Al(β^+), ^{28}P(β^+)[from charge-exchange in intermediate energy heavy-ion reactions]; measured polarization. Abstract only. CONF E.Lansing (NS2008),P157,Ohtsubo
	2010MI13	RADIOACTIVITY ^{22}F(β^-) [from ^{9}Be(^{22}Ne, X), E=100 MeV / nucleon]; measured polarized ^{22}F β-NMR, NQR spectra, momentum distribution; deduced electric quadrupole moment, μ. JOUR NUPAB 834 75c
^{22}Ne	2008MIZM	RADIOACTIVITY ^{22}F(β^-); measured Eβ, Iβ using NMR; deduced μ, quadrupole moment. Abstract only. CONF E.Lansing (NS2008),P140,Mihara
	2008OHZS	RADIOACTIVITY ^{22}F(β^-), ^{24m}Al(β^+), ^{28}P(β^+)[from charge-exchange in intermediate energy heavy-ion reactions]; measured polarization. Abstract only. CONF E.Lansing (NS2008),P157,Ohtsubo
	2009ON02	NUCLEAR REACTIONS ^{9}Be(^{16}C, ^{16}C'), (^{18}C, ^{18}C'), E=72.79 MeV / nucleon; ^{16,18}C; measured measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives using the upgraded recoil shadow method; deduced mean lifetime, B(E2), hinderance of transition strength, proton-shell closure. ^{22}Ne secondary beams. JOUR ZAANE 42 393
	2010MI13	RADIOACTIVITY ^{22}F(β^-) [from ^{9}Be(^{22}Ne, X), E=100 MeV / nucleon]; measured polarized ^{22}F β-NMR, NQR spectra, momentum distribution; deduced electric quadrupole moment, μ. JOUR NUPAB 834 75c
	2010TOZZ	NUCLEAR REACTIONS ^{14}C(^{12}C, α), E(^{12}C)=44 MeV; measured Eα, Iα, $\alpha\alpha$-coin. ^{22}Ne; deduced levels, J, π, rotational structure. No detail of experiment was done. CONF St.-Petersburg,P105,Torilov

A=23

^{23}Ne	2008MAZE	RADIOACTIVITY ^{23}Al(EC), ^{23}Ne(β^-), ^{24m}Al(IT), (EC), ^{28}P(EC), ^{28}Al(β^-); measured μ, g-factor, log ft; calculated particle and spin decomposition. Results on CD only. CONF E.Lansing (NS2008),P137,Matsuta
^{23}Na	2008MAZE	RADIOACTIVITY ^{23}Al(EC), ^{23}Ne(β^-), ^{24m}Al(IT), (EC), ^{28}P(EC), ^{28}Al(β^-); measured μ, g-factor, log ft; calculated particle and spin decomposition. Results on CD only. CONF E.Lansing (NS2008),P137,Matsuta
^{23}Mg	2008MAZE	RADIOACTIVITY ^{23}Al(EC), ^{23}Ne(β^-), ^{24m}Al(IT), (EC), ^{28}P(EC), ^{28}Al(β^-); measured μ, g-factor, log ft; calculated particle and spin decomposition. Results on CD only. CONF E.Lansing (NS2008),P137,Matsuta
	2009IC06	RADIOACTIVITY ^{24}Si(β^+), (β^+p) [from ^{9}Be, Ni(^{28}Si, X), E=100 MeV / nucleon]; measured Eγ, Iγ, Ep, Ip, $\beta\gamma$-, $\gamma\gamma$-coin, $T_{1/2}$ at RIKEN RIPS facility. ^{24}Al, ^{23}Mg; deduced levels, J, π, branching ratios, emission probabilities. JOUR ZAANE 42 375
^{23}Al	2008MAZE	RADIOACTIVITY ^{23}Al(EC), ^{23}Ne(β^-), ^{24m}Al(IT), (EC), ^{28}P(EC), ^{28}Al(β^-); measured μ, g-factor, log ft; calculated particle and spin decomposition. Results on CD only. CONF E.Lansing (NS2008),P137,Matsuta

A=24

^{24}Na	2010NO04	NUCLEAR REACTIONS ^{12}C(^{13}C, p), E(cm)=2.6-5.0 MeV; measured Eβ, Iβ, Eγ, Iγ, $\beta\gamma$-coin, thick target yield; deduced σ, astrophysical S-factor. Comparison with data and calculations. JOUR NUPAB 834 192c
	2010SZ03	NUCLEAR REACTIONS ^{192}Os(p, n), (p, 3n), (p, 4n), (p, 5n), (p, 6n), Cu(p, n)^{65}Zn, Al(p, X)^{24}Na, Cu(p, X)^{62}Zn E < 66 MeV; measured reaction products, Eγ, Iγ; deduced σ, integral yields. Comparison with model code ALICE / ASH. JOUR NIMBE 268 3306
^{24}Mg	2008MAZE	RADIOACTIVITY ^{23}Al(EC), ^{23}Ne(β^-), ^{24m}Al(IT), (EC), ^{28}P(EC), ^{28}Al(β^-); measured μ, g-factor, log ft; calculated particle and spin decomposition. Results on CD only. CONF E.Lansing (NS2008),P137,Matsuta
	2008OHZS	RADIOACTIVITY ^{22}F(β^-), ^{24m}Al(β^+), ^{28}P(β^+)[from charge-exchange in intermediate energy heavy-ion reactions]; measured polarization. Abstract only. CONF E.Lansing (NS2008),P157,Ohtsubo
	2008PAZG	NUCLEAR REACTIONS ^{24}Mg(^{90}Zr, ^{90}Zr'), E=2.3 MeV / nucleon; ^{24}Mg(^{92}Mo, ^{92}Mo'), E=2.3 MeV / nucleon; measured Coulomb excitation Eγ, Iγ; ^{27}Al(^{84}Se, ^{84}Se'), E=193.2 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin; deduced B(E2), E, J, π. Compared with Brown's calculations. Results on CD only. CONF E.Lansing (NS2008),P51,Padilla-Rodal
	2009BA59	NUCLEAR REACTIONS ^{1}H(^{7}Be, γ), (^{17}F, γ), (^{24}Mg, γ), E=12 MeV;^{7}Be, ^{17}F, ^{24}Mg; measured reaction products; deduced yields, σ for (p, γ) reactions. JOUR ZAANE 42 457

A=24 *(continued)*

^{24}Al	2008MAZE	RADIOACTIVITY ^{23}Al(EC), ^{23}Ne(β^-), ^{24m}Al(IT), (EC), ^{28}P(EC), ^{28}Al(β^-); measured μ, g-factor, log ft; calculated particle and spin decomposition. Results on CD only. CONF E.Lansing (NS2008),P137,Matsuta
	2008OHZS	RADIOACTIVITY ^{22}F(β^-), ^{24m}Al(β^+), ^{28}P(β^+)[from charge-exchange in intermediate energy heavy-ion reactions]; measured polarization. Abstract only. CONF E.Lansing (NS2008),P157,Ohtsubo
	2009IC06	RADIOACTIVITY ^{24}Si(β^+), (β^+p) [from ^{9}Be, Ni(^{28}Si, X), E=100 MeV / nucleon]; measured Eγ, Iγ, Ep, Ip, $\beta\gamma$-, $\gamma\gamma$-coin, $T_{1/2}$ at RIKEN RIPS facility. ^{24}Al, ^{23}Mg; deduced levels, J, π, branching ratios, emission probabilities. JOUR ZAANE 42 375
^{24}Si	2009IC06	RADIOACTIVITY ^{24}Si(β^+), (β^+p) [from ^{9}Be, Ni(^{28}Si, X), E=100 MeV / nucleon]; measured Eγ, Iγ, Ep, Ip, $\beta\gamma$-, $\gamma\gamma$-coin, $T_{1/2}$ at RIKEN RIPS facility. ^{24}Al, ^{23}Mg; deduced levels, J, π, branching ratios, emission probabilities. JOUR ZAANE 42 375

A=25

^{25}Al	2009BA59	NUCLEAR REACTIONS ^{1}H(^{7}Be, γ), (^{17}F, γ), (^{24}Mg, γ), E=12 MeV;^{7}Be, ^{17}F, ^{24}Mg; measured reaction products; deduced yields, σ for (p, γ) reactions. JOUR ZAANE 42 457
	2010LI22	NUCLEAR REACTIONS ^{24}Mg(p, γ)^{25}Al, E=214 keV; ^{25}Mg(p, γ)^{26}Al, E=304 keV; ^{26}Mg(p, γ)^{27}Al, E=326 keV; measured Eγ, Iγ, resonance strengths and thick target yield curves at LUNA facility. ^{25,26,27}Al; deduced levels, γ-ray branching ratios of primary γ rays from capture states. JOUR PRVCA 82 015801
^{25}Si	2010RE05	NUCLEAR REACTIONS ^{9}Be(^{26}Si, ^{25}Si), E=109 MeV / nucleon; ^{9}Be(^{30}S, ^{29}S), E=103 MeV / nucleon, [secondary beams of ^{26}Si and ^{30}S from primary ^{9}Be(^{36}Ar, X), E=150 MeV / nucleon]; measured Eγ, Iγ, (particle)γ-coin, σ using SeGA array. ^{25}Si, ^{29}S; deduced levels, J, π. Comparisons with previous experimental data, mirror nuclei ^{25}Na and ^{29}Al, and shell model calculations. JOUR PRVCA 81 067303

A=26

^{26}Mg	2010DE26	NUCLEAR REACTIONS ^{14}C(^{18}O, 2p)^{26}Mg / ^{30}Mg / ^{30}Al / ^{30}Si, E=37 MeV; measured Eγ and yields. JOUR PRVCA 82 034305
^{26}Al	2009FA15	NUCLEAR REACTIONS ^{26}Mg, ^{46,47,48}Ti(^{3}He, t), E=27 MeV; measured triton spectra; deduced Q-value. ^{46,48}Ti(d, p), E=14 MeV; measured Ep, Ip; deduced neutron separation energy. Comparison with other data. JOUR ZAANE 42 339
	2010LI22	NUCLEAR REACTIONS ^{24}Mg(p, γ)^{25}Al, E=214 keV; ^{25}Mg(p, γ)^{26}Al, E=304 keV; ^{26}Mg(p, γ)^{27}Al, E=326 keV; measured Eγ, Iγ, resonance strengths and thick target yield curves at LUNA facility. ^{25,26,27}Al; deduced levels, γ-ray branching ratios of primary γ rays from capture states. JOUR PRVCA 82 015801

A=27

^{27}Al	2008PAZG	NUCLEAR REACTIONS ^{24}Mg(^{90}Zr, ^{90}Zr'), E=2.3 MeV / nucleon; ^{24}Mg(^{92}Mo, ^{92}Mo'), E=2.3 MeV / nucleon; measured Coulomb excitation Eγ, Iγ; ^{27}Al(^{84}Se, ^{84}Se'), E=193.2 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin; deduced B(E2), E, J, π. Compared with Brown's calculations. Results on CD only. CONF E.Lansing (NS2008),P51,Padilla-Rodal
	2010LI22	NUCLEAR REACTIONS ^{24}Mg(p, γ)^{25}Al, E=214 keV; ^{25}Mg(p, γ)^{26}Al, E=304 keV; ^{26}Mg(p, γ)^{27}Al, E=326 keV; measured Eγ, Iγ, resonance strengths and thick target yield curves at LUNA facility. ^{25,26,27}Al; deduced levels, γ-ray branching ratios of primary γ rays from capture states. JOUR PRVCA 82 015801

A=28

^{28}Al	2008MAZE	RADIOACTIVITY ^{23}Al(EC), ^{23}Ne(β^-), ^{24m}Al(IT), (EC), ^{28}P(EC), ^{28}Al(β^-); measured μ, g-factor, log ft; calculated particle and spin decomposition. Results on CD only. CONF E.Lansing (NS2008),P137,Matsuta
^{28}Si	2008MAZE	RADIOACTIVITY ^{23}Al(EC), ^{23}Ne(β^-), ^{24m}Al(IT), (EC), ^{28}P(EC), ^{28}Al(β^-); measured μ, g-factor, log ft; calculated particle and spin decomposition. Results on CD only. CONF E.Lansing (NS2008),P137,Matsuta
	2008OHZS	RADIOACTIVITY ^{22}F(β^-), ^{24m}Al(β^+), ^{28}P(β^+)[from charge-exchange in intermediate energy heavy-ion reactions]; measured polarization. Abstract only. CONF E.Lansing (NS2008),P157,Ohtsubo
	2009ZH52	RADIOACTIVITY ^{28}P(β^+) [from Be(^{28}Si, X)^{28}P, E=100 MeV / nucleon]; measured decay products, β-NMR spectra; deduced g factors, magnetic moment. JOUR CPCHC 33 s01 215
	2010GA18	NUCLEAR REACTIONS ^{28}Si(α, $\alpha\gamma$), E=30.3 MeV; measured Eα, Iα, Eγ, Iγ; deduced $\sigma(\theta)$, low-lying states, J, π, dynamical deformation. Comparison with FRESCO and CHUCK codes. JOUR PANUE 73 1339
^{28}P	2008MAZE	RADIOACTIVITY ^{23}Al(EC), ^{23}Ne(β^-), ^{24m}Al(IT), (EC), ^{28}P(EC), ^{28}Al(β^-); measured μ, g-factor, log ft; calculated particle and spin decomposition. Results on CD only. CONF E.Lansing (NS2008),P137,Matsuta
	2008OHZS	RADIOACTIVITY ^{22}F(β^-), ^{24m}Al(β^+), ^{28}P(β^+)[from charge-exchange in intermediate energy heavy-ion reactions]; measured polarization. Abstract only. CONF E.Lansing (NS2008),P157,Ohtsubo
	2009ZH52	RADIOACTIVITY ^{28}P(β^+) [from Be(^{28}Si, X)^{28}P, E=100 MeV / nucleon]; measured decay products, β-NMR spectra; deduced g factors, magnetic moment. JOUR CPCHC 33 s01 215

A=29

^{29}Si	2009ZH53	RADIOACTIVITY ^{29}P(β^+) [from ^{28}Si(d, n)^{29}P, E=3 MeV]; measured decay products, β-NMR spectra; deduced magnetic moment, density distribution of protons, neutrons and matter. JOUR CPCHC 33 s01 218
^{29}P	2009ZH53	RADIOACTIVITY ^{29}P(β^+) [from ^{28}Si(d, n)^{29}P, E=3 MeV]; measured decay products, β-NMR spectra; deduced magnetic moment, density distribution of protons, neutrons and matter. JOUR CPCHC 33 s01 218
^{29}S	2010RE05	NUCLEAR REACTIONS ^{9}Be(^{26}Si, ^{25}Si), E=109 MeV / nucleon; ^{9}Be(^{30}S, ^{29}S), E=103 MeV / nucleon, [secondary beams of ^{26}Si and ^{30}S from primary ^{9}Be(^{36}Ar, X), E=150 MeV / nucleon]; measured Eγ, Iγ, (particle)γ-coin, σ using SeGA array. ^{25}Si, ^{29}S; deduced levels, J, π. Comparisons with previous experimental data, mirror nuclei ^{25}Na and ^{29}Al, and shell model calculations. JOUR PRVCA 81 067303

A=30

^{30}Mg	2010DE26	NUCLEAR REACTIONS ^{14}C(^{18}O, 2p), E=37 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (^{30}Mg)γ-coin, $\gamma(\theta)$ using Gammasphere array, enriched ^{14}C target. ^{30}Mg; deduced levels, J, π, multipolarities. Comparison with shell-model calculations using the USD and SDPF-M interactions, and the Monte Carlo shell model. Systematics of first 2+ and 4+ states in ^{24,26,28,30,32,34}Mg. JOUR PRVCA 82 034305
	2010DE26	NUCLEAR REACTIONS ^{14}C(^{18}O, 2p)^{26}Mg / ^{30}Mg / ^{30}Al / ^{30}Si, E=37 MeV; measured Eγ and yields. JOUR PRVCA 82 034305
^{30}Al	2010DE26	NUCLEAR REACTIONS ^{14}C(^{18}O, 2p)^{26}Mg / ^{30}Mg / ^{30}Al / ^{30}Si, E=37 MeV; measured Eγ and yields. JOUR PRVCA 82 034305
	2010STZZ	NUCLEAR REACTIONS ^{14}C(^{18}O, X), E=37 MeV; measured Eγ, Iγ, (residue)γ-, $\gamma\gamma$-coin, $\gamma(\theta)$, DCO ratios using the Gammasphere array and Fragment Mass Analyzer. ^{30}Al, ^{30}Si; deduced levels, J, π, multipolarities. Comparison with shell-model calculations using the USD, USDA, and USDB effective interactions. PREPRINT Steppenbeck,7/26/2010
^{30}Si	2010DE26	NUCLEAR REACTIONS ^{14}C(^{18}O, 2p)^{26}Mg / ^{30}Mg / ^{30}Al / ^{30}Si, E=37 MeV; measured Eγ and yields. JOUR PRVCA 82 034305
	2010SE07	NUCLEAR REACTIONS ^{32}S(p, t), E=34.5 MeV; measured triton spectra. ^{30}S; deduced level, J, π, γ widths, proton widths, resonance strengths; deduced astrophysical reaction rates for ^{29}P(p, γ). ^{30}Si, ^{30}S; deduced mirror states. JOUR PRVCA 82 022801
	2010STZZ	NUCLEAR REACTIONS ^{14}C(^{18}O, X), E=37 MeV; measured Eγ, Iγ, (residue)γ-, $\gamma\gamma$-coin, $\gamma(\theta)$, DCO ratios using the Gammasphere array and Fragment Mass Analyzer. ^{30}Al, ^{30}Si; deduced levels, J, π, multipolarities. Comparison with shell-model calculations using the USD, USDA, and USDB effective interactions. PREPRINT Steppenbeck,7/26/2010

A=30 *(continued)*

	2010WA20	NUCLEAR REACTIONS ^{208}Pb(^{36}S, X)^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si, E=215 MeV; measured mass spectrum of Si fragments, Eγ, Iγ, (fragment)γ-, $\gamma\gamma$-coin with CLARA array and PRISMA spectrometer. ^{33}Si; deduced levels, J, π, multipolarity, shell-model configurations. Comparison with large-scale shell model calculations using PSDPFB effective interaction. JOUR PRVCA 81 064301
^{30}S	2010SE07	NUCLEAR REACTIONS ^{32}S(p, t), E=34.5 MeV; measured triton spectra. ^{30}S; deduced level, J, π, γ widths, proton widths, resonance strengths; deduced astrophysical reaction rates for ^{29}P(p, γ). ^{30}Si, ^{30}S; deduced mirror states. JOUR PRVCA 82 022801
	2010SE08	NUCLEAR REACTIONS ^{32}S(p, t), E=33.5, 34.5 MeV; measured E(triton), I(triton), Eγ, Iγ, (triton)γ-coin. ^{30}S deduced levels, J, π. JOUR NUPAB 834 205c

A=31

^{31}Mg	2008MIZL	RADIOACTIVITY ^{31,33}Mg(β^-)[from proton knockout from ^{32}Al, projectile and energy not specified]; measured Eγ, I$\gamma(\theta)$; deduced levels, J, π, polarization γ spectrum. Results on CD only. CONF E.Lansing (NS2008),P141,Miller
^{31}Al	2008MIZL	RADIOACTIVITY ^{31,33}Mg(β^-)[from proton knockout from ^{32}Al, projectile and energy not specified]; measured Eγ, I$\gamma(\theta)$; deduced levels, J, π, polarization γ spectrum. Results on CD only. CONF E.Lansing (NS2008),P141,Miller
^{31}Si	2010WA20	NUCLEAR REACTIONS ^{208}Pb(^{36}S, X)^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si, E=215 MeV; measured mass spectrum of Si fragments, Eγ, Iγ, (fragment)γ-, $\gamma\gamma$-coin with CLARA array and PRISMA spectrometer. ^{33}Si; deduced levels, J, π, multipolarity, shell-model configurations. Comparison with large-scale shell model calculations using PSDPFB effective interaction. JOUR PRVCA 81 064301
^{31}P	2010SU16	NUCLEAR REACTIONS ^{12}C(^{22}Mg, p), (^{20}Ne, p), E=70 MeV / nucleon; measured reaction products, proton spectrum; deduced angular and momentum correlations between two protons, space-time information. JOUR IMPEE 19 1823

A=32

^{32}Mg	2008RAZR	NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{32}Mg, E=140 MeV / nucleon; measured Eγ, I$\gamma(\theta)$, $\gamma\gamma$-coin, E(particle), I(particle), Z(particle), A(particle). ^{32}Mg deduced levels, J, π. Results on CD only. CONF E.Lansing (NS2008),P168,Ratkiewicz
^{32}Si	2010WA20	NUCLEAR REACTIONS ^{208}Pb(^{36}S, X)^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si, E=215 MeV; measured mass spectrum of Si fragments, Eγ, Iγ, (fragment)γ-, $\gamma\gamma$-coin with CLARA array and PRISMA spectrometer. ^{33}Si; deduced levels, J, π, multipolarity, shell-model configurations. Comparison with large-scale shell model calculations using PSDPFB effective interaction. JOUR PRVCA 81 064301

A=32 *(continued)*

^{32}P	2010GH02	NUCLEAR REACTIONS ^{18}O(^{18}O, xnxp), (^{16}O, xnxp)^{32}P / ^{34}P, E=34 MeV;measured Eγ, Iγ, γ-γ-coin.; deduced J, π, level scheme. Comparison with shell model calculations. JOUR PRAMC 75 13
^{32}S	2010PA18	NUCLEAR REACTIONS ^{12}C(^{20}Ne, X), E=145, 160 MeV; ^{27}Al(^{20}Ne, X), E=160 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{32}S, ^{47}V; deduced highest spin and high energy excitations from the shapes of giant dipole resonances (GDR), strength functions and parameters using rotating liquid drop model (RLDM) and thermal shape fluctuation model (TSFM). Calculated liquid drop model free energy surfaces, and equilibrium shapes as a function of quadrupole deformation parameters and spin. Possible connection to molecular structure of ^{16}O+^{16}O in the ^{32}S superdeformed band. JOUR PRVCA 81 061302

A=33

^{33}Mg	2008MIZL	RADIOACTIVITY ^{31,33}Mg(β^-)[from proton knockout from ^{32}Al, projectile and energy not specified]; measured Eγ, I$\gamma(\theta)$; deduced levels, J, π, polarization γ spectrum. Results on CD only. CONF E.Lansing (NS2008),P141,Miller
^{33}Al	2008MIZL	RADIOACTIVITY ^{31,33}Mg(β^-)[from proton knockout from ^{32}Al, projectile and energy not specified]; measured Eγ, I$\gamma(\theta)$; deduced levels, J, π, polarization γ spectrum. Results on CD only. CONF E.Lansing (NS2008),P141,Miller
^{33}Si	2010WA20	NUCLEAR REACTIONS ^{208}Pb(^{36}S, X)^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si, E=215 MeV; measured mass spectrum of Si fragments, Eγ, Iγ, (fragment)γ-, $\gamma\gamma$-coin with CLARA array and PRISMA spectrometer. ^{33}Si; deduced levels, J, π, multipolarity, shell-model configurations. Comparison with large-scale shell model calculations using PSDPFB effective interaction. JOUR PRVCA 81 064301
^{33}Cl	2010SU16	NUCLEAR REACTIONS ^{12}C(^{22}Mg, p), (^{20}Ne, p), E=70 MeV / nucleon; measured reaction products, proton spectrum; deduced angular and momentum correlations between two protons, space-time information. JOUR IMPEE 19 1823

A=34

^{34}Si	2010WA20	NUCLEAR REACTIONS ^{208}Pb(^{36}S, X)^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si, E=215 MeV; measured mass spectrum of Si fragments, Eγ, Iγ, (fragment)γ-, $\gamma\gamma$-coin with CLARA array and PRISMA spectrometer. ^{33}Si; deduced levels, J, π, multipolarity, shell-model configurations. Comparison with large-scale shell model calculations using PSDPFB effective interaction. JOUR PRVCA 81 064301
^{34}P	2010GH02	NUCLEAR REACTIONS ^{18}O(^{18}O, xnxp), (^{16}O, xnxp)^{32}P / ^{34}P, E=34 MeV;measured Eγ, Iγ, γ-γ-coin.; deduced J, π, level scheme. Comparison with shell model calculations. JOUR PRAMC 75 13

A=35

^{35}Si	2010WA20	NUCLEAR REACTIONS ^{208}Pb(^{36}S, X)^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si, E=215 MeV; measured mass spectrum of Si fragments, Eγ, Iγ, (fragment)γ-, $\gamma\gamma$-coin with CLARA array and PRISMA spectrometer. ^{33}Si; deduced levels, J, π, multipolarity, shell-model configurations. Comparison with large-scale shell model calculations using PSDPFB effective interaction. JOUR PRVCA 81 064301

A=36

^{36}Si	2010WA20	NUCLEAR REACTIONS ^{208}Pb(^{36}S, X)^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si, E=215 MeV; measured mass spectrum of Si fragments, Eγ, Iγ, (fragment)γ-, $\gamma\gamma$-coin with CLARA array and PRISMA spectrometer. ^{33}Si; deduced levels, J, π, multipolarity, shell-model configurations. Comparison with large-scale shell model calculations using PSDPFB effective interaction. JOUR PRVCA 81 064301
^{36}S	2008CHZL	RADIOACTIVITY ^{76}Ge($2\beta^-$);^{36}Ar(2EC); measured Eγ, Iγ, electron spectrum; deduced $2\beta(0\nu)$-decay $T_{1/2}$. Heidelberg-Moscow and Gerda experiments. PREPRINT arXiv:0812.1206v1 [nucl-ex]
^{36}Ar	2008CHZL	RADIOACTIVITY ^{76}Ge($2\beta^-$);^{36}Ar(2EC); measured Eγ, Iγ, electron spectrum; deduced $2\beta(0\nu)$-decay $T_{1/2}$. Heidelberg-Moscow and Gerda experiments. PREPRINT arXiv:0812.1206v1 [nucl-ex]
^{36}K	2008AMZX	RADIOACTIVITY ^{36,37}Ca[from ^{38}Ca[from ^{9}Be(^{40}Ca, ^{38}Ca), E=140 MeV / nucleon]]; ^{36}K[from ^{37}K[from ^{9}Be(^{40}Ca, ^{37}K), E=140 MeV / nucleon]]; measured Eγ, Iγ, $\gamma\gamma$-coin; deduced E, J, π. Results on CD only. CONF E.Lansing (NS2008),P74,Amthor
^{36}Ca	2008AMZX	RADIOACTIVITY ^{36,37}Ca[from ^{38}Ca[from ^{9}Be(^{40}Ca, ^{38}Ca), E=140 MeV / nucleon]]; ^{36}K[from ^{37}K[from ^{9}Be(^{40}Ca, ^{37}K), E=140 MeV / nucleon]]; measured Eγ, Iγ, $\gamma\gamma$-coin; deduced E, J, π. Results on CD only. CONF E.Lansing (NS2008),P74,Amthor

A=37

^{37}Ar	2008MIZK	RADIOACTIVITY ^{37}K(EC); measured Eβ, Iβ using quadrupole resonance;deduced quadrupole moment. Results on CD only. CONF E.Lansing (NS2008),P142,Minamisono
^{37}K	2008MIZK	RADIOACTIVITY ^{37}K(EC); measured Eβ, Iβ using quadrupole resonance;deduced quadrupole moment. Results on CD only. CONF E.Lansing (NS2008),P142,Minamisono
^{37}Ca	2008AMZX	RADIOACTIVITY ^{36,37}Ca[from ^{38}Ca[from ^{9}Be(^{40}Ca, ^{38}Ca), E=140 MeV / nucleon]]; ^{36}K[from ^{37}K[from ^{9}Be(^{40}Ca, ^{37}K), E=140 MeV / nucleon]]; measured Eγ, Iγ, $\gamma\gamma$-coin; deduced E, J, π. Results on CD only. CONF E.Lansing (NS2008),P74,Amthor

A=38

No references found

A=39

^{39}Ar	2008LEZF	RADIOACTIVITY ^{39m}K(β^+); measured Eγ, Iγ, $\beta\gamma$-coin; deduced branching ratio, B(M3), log ft. Results on CD only. CONF E.Lansing (NS2008),P131,Leach
^{39}K	2008LEZF	RADIOACTIVITY ^{39m}K(β^+); measured Eγ, Iγ, $\beta\gamma$-coin; deduced branching ratio, B(M3), log ft. Results on CD only. CONF E.Lansing (NS2008),P131,Leach

A=40

No references found

A=41

No references found

A=42

No references found

A=43

^{43}V	2009MI29	RADIOACTIVITY ^{45}Fe(2p), (β^+) [from Ni(^{58}Ni, X), E=161 MeV / nucleon]; ^{43}Cr(β^+); measured p-spectra; deduced $T_{1/2}$, branching ratios. JOUR ZAANE 42 431
^{43}Cr	2009MI29	RADIOACTIVITY ^{45}Fe(2p), (β^+) [from Ni(^{58}Ni, X), E=161 MeV / nucleon]; ^{43}Cr(β^+); measured p-spectra; deduced $T_{1/2}$, branching ratios. JOUR ZAANE 42 431

A=44

^{44}S	2010FO04	NUCLEAR REACTIONS Be(^{48}Ca, X)^{44}S, E=60 MeV / nucleon; measured electron spectra, Eγ, Iγ. ^{44}S; deduced J, π, level scheme, B(E2), monopole strength, deformation parameter. Comparison with shell model calculations. JOUR PRLTA 105 102501
^{44}Ar	2010ME05	RADIOACTIVITY ^{44,46}Ar(IT); measured Eγ, Iγ(t) using CLARA-PRISMA spectrometer and Recoil Distance Doppler Shift method; deduced $T_{1/2}$, B(E2). Comparison with shell model and Coulex data. JOUR NUPAB 834 69c

A=45

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

A=46

^{46}Ar	2009ME23	NUCLEAR REACTIONS ^{208}Pb(^{48}Ca, X)^{46}Ar / ^{46}Ca / ^{50}Ca, E=310 MeV; measured Eγ, Iγ using CLARA and PRISMA spectrometers and the differential Recoil Distance Doppler Shift method. ^{46}Ar, ^{46,50}Ca; deduced isomer $T_{1/2}$, transition energies. Comparison with simulations. JOUR ZAANE 42 387
	2010ME05	RADIOACTIVITY ^{44,46}Ar(IT); measured Eγ, Iγ(t) using CLARA-PRISMA spectrometer and Recoil Distance Doppler Shift method; deduced $T_{1/2}$, B(E2). Comparison with shell model and Coulex data. JOUR NUPAB 834 69c
^{46}K	2009MA75	NUCLEAR MOMENTS ^{46}K; measured hfs. Testing of new laser spectroscopy technique. JOUR ZAANE 42 503
^{46}Ca	2009ME23	NUCLEAR REACTIONS ^{208}Pb(^{48}Ca, X)^{46}Ar / ^{46}Ca / ^{50}Ca, E=310 MeV; measured Eγ, Iγ using CLARA and PRISMA spectrometers and the differential Recoil Distance Doppler Shift method. ^{46}Ar, ^{46,50}Ca; deduced isomer $T_{1/2}$, transition energies. Comparison with simulations. JOUR ZAANE 42 387
^{46}Ti	2009FA15	RADIOACTIVITY ^{46}V(EC); deduced Q-value from reaction data. JOUR ZAANE 42 339
^{46}V	2009FA15	NUCLEAR REACTIONS ^{26}Mg, ^{46,47,48}Ti(^{3}He, t), E=27 MeV; measured triton spectra; deduced Q-value. ^{46,48}Ti(d, p), E=14 MeV; measured Ep, Ip; deduced neutron separation energy. Comparison with other data. JOUR ZAANE 42 339
	2009FA15	RADIOACTIVITY ^{46}V(EC); deduced Q-value from reaction data. JOUR ZAANE 42 339

A=47

^{47}Ti	2009FA15	NUCLEAR REACTIONS ^{26}Mg, ^{46,47,48}Ti(^{3}He, t), E=27 MeV; measured triton spectra; deduced Q-value. ^{46,48}Ti(d, p), E=14 MeV; measured Ep, Ip; deduced neutron separation energy. Comparison with other data. JOUR ZAANE 42 339
^{47}V	2009FA15	NUCLEAR REACTIONS ^{26}Mg, ^{46,47,48}Ti(^{3}He, t), E=27 MeV; measured triton spectra; deduced Q-value. ^{46,48}Ti(d, p), E=14 MeV; measured Ep, Ip; deduced neutron separation energy. Comparison with other data. JOUR ZAANE 42 339
	2010PA18	NUCLEAR REACTIONS ^{12}C(^{20}Ne, X), E=145, 160 MeV; ^{27}Al(^{20}Ne, X), E=160 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{32}S, ^{47}V; deduced highest spin and high energy excitations from the shapes of giant dipole resonances (GDR), strength functions and parameters using rotating liquid drop model (RLDM) and thermal shape fluctuation model (TSFM). Calculated liquid drop model free energy surfaces, and equilibrium shapes as a function of quadrupole deformation parameters and spin. Possible connection to molecular structure of ^{16}O+^{16}O in the ^{32}S superdeformed band. JOUR PRVCA 81 061302

A=48

^{48}Ti	2009SC28	NUCLEAR REACTIONS Ti(^{20}Na, ^{20}Na'), (^{21}Na, ^{21}Na'), E=1.7 MeV / nucleon; ^{20,21}Na, ^{48}Ti; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin, angular correlations and γ-ray yield; deduced B(E2), levels, J, π, mixing ratios, transition matrix elements. Tigress and Bambino arrays at TRIUMF-ISAC facility. GOSIA analysis of Coulomb excitation data. Comparisons with shell-model calculations using the USD, USDB and p-sd effective interactions employing OXBASH shell-model code. JOUR ZAANE 42 477
^{48}V	2009FA15	NUCLEAR REACTIONS ^{26}Mg, ^{46,47,48}Ti(^{3}He, t), E=27 MeV; measured triton spectra; deduced Q-value. ^{46,48}Ti(d, p), E=14 MeV; measured Ep, Ip; deduced neutron separation energy. Comparison with other data. JOUR ZAANE 42 339

A=49

^{49}Ti	2009FA15	NUCLEAR REACTIONS ^{26}Mg, ^{46,47,48}Ti(^{3}He, t), E=27 MeV; measured triton spectra; deduced Q-value. ^{46,48}Ti(d, p), E=14 MeV; measured Ep, Ip; deduced neutron separation energy. Comparison with other data. JOUR ZAANE 42 339
	2009NI17	NUCLEAR REACTIONS ^{9}Be(^{46}Ar, xn)^{49}Ti / ^{50}Ti / ^{51}Ti, E=2-8 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin in-beam using GRAPE HPGe detector array with Doppler shift correction. ^{49}Ti, ^{50}Ti, ^{51}Ti; deduced high-spin yrast levels, J, π, configurations. Comparison with shell model ANTOINE. Secondary radioactive beam. JOUR ZAANE 42 471

A=49 *(continued)*

^{49}V	2010QA01	NUCLEAR REACTIONS Ti(p, X)^{45}Ca / ^{49}V, E<200 MeV; Pb(p, X)^{204}Tl, E<90 MeV; measured Ee, Ie, x-rays, Eγ, Iγ; deduced σ. Radiochemical techniques, comparison with ALICE-IPPE and TALYS codes. JOUR RAACA 98 447

A=50

^{50}Ca	2009ME23	NUCLEAR REACTIONS ^{208}Pb(^{48}Ca, X)^{46}Ar / ^{46}Ca / ^{50}Ca, E=310 MeV; measured Eγ, Iγ using CLARA and PRISMA spectrometers and the differential Recoil Distance Doppler Shift method. ^{46}Ar, ^{46,50}Ca; deduced isomer $T_{1/2}$, transition energies. Comparison with simulations. JOUR ZAANE 42 387
^{50}Ti	2009NI17	NUCLEAR REACTIONS ^{9}Be(^{46}Ar, xn)^{49}Ti / ^{50}Ti / ^{51}Ti, E=2-8 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin in-beam using GRAPE HPGe detector array with Doppler shift correction. ^{49}Ti, ^{50}Ti, ^{51}Ti; deduced high-spin yrast levels, J, π, configurations. Comparison with shell model ANTOINE. Secondary radioactive beam. JOUR ZAANE 42 471

A=51

^{51}Ti	2009NI17	NUCLEAR REACTIONS ^{9}Be(^{46}Ar, xn)^{49}Ti / ^{50}Ti / ^{51}Ti, E=2-8 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin in-beam using GRAPE HPGe detector array with Doppler shift correction. ^{49}Ti, ^{50}Ti, ^{51}Ti; deduced high-spin yrast levels, J, π, configurations. Comparison with shell model ANTOINE. Secondary radioactive beam. JOUR ZAANE 42 471
^{51}Cr	2010AL17	NUCLEAR REACTIONS ^{55}Mn(p, n)^{55}Fe, E<18 MeV; ^{55}Mn(p, X)^{54}Mn / ^{51}Cr, E<45 MeV; measured reaction products, x-rays, Eγ, Iγ; deduced σ. Comparison with nuclear model codes ALICE-IPPE, EMPIRE and TALYS. JOUR ARISE 68 2393

A=52

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

A=53

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

A=53 *(continued)*

	2010CR02	NUCLEAR REACTIONS Be(^{76}Ge, X)^{52}Ca / ^{53}Ca / ^{54}Ca / ^{53}Sc / ^{54}Sc / ^{55}Sc / ^{56}Sc / ^{55}Ti / ^{56}Ti / ^{57}Ti / ^{58}Ti / ^{57}V / ^{58}V / ^{59}V / ^{60}V / , E=130 MeV / nucleon; measured yields. JOUR PRVCA 82 014311
^{53}Sc	2008MCZW	NUCLEAR REACTIONS ^{9}Be(^{55}V, X)^{53}Sc, (^{57}Cr, X)^{53}Sc, (^{54}Ti, X)^{53}Sc, E≈70 MeV / nucleon; measured thick target Eγ, Iγ, (particle)γ-coin, I(particle), E(particle) using ToF. ^{53}Sc deduced levels, J, π; calculated low-lying levels, J, π. Results on CD only. CONF E.Lansing (NS2008),P138,McDaniel
	2010CR02	RADIOACTIVITY ^{53,54,55,56,57}Sc, ^{53,54}Ca(β^-); ^{54,56}Sc(IT)[from Be(^{76}Ge, X), E=130 MeV / nucleon]; measured Eγ, Iγ, (fragment)β-, $\gamma\gamma$-, $\beta\gamma$-, (fragment)$\beta\gamma$-coin, half-lives. ^{53,54,55,56,57}Ti, ^{53,54,56}Sc; deduced levels, J, π, logft, configurations. Comparison with GXPF1 shell-model calculations. ^{54}Ti(β^-); measured half-life. ^{54,55,56}Sc(β^-n); deduced %β^--n. JOUR PRVCA 82 014311
	2010CR02	NUCLEAR REACTIONS Be(^{76}Ge, X)^{52}Ca / ^{53}Ca / ^{54}Ca / ^{53}Sc / ^{54}Sc / ^{55}Sc / ^{56}Sc / ^{55}Ti / ^{56}Ti / ^{57}Ti / ^{58}Ti / ^{57}V / ^{58}V / ^{59}V / ^{60}V / , E=130 MeV / nucleon; measured yields. JOUR PRVCA 82 014311
^{53}Ti	2010CR02	RADIOACTIVITY ^{53,54,55,56,57}Sc, ^{53,54}Ca(β^-); ^{54,56}Sc(IT)[from Be(^{76}Ge, X), E=130 MeV / nucleon]; measured Eγ, Iγ, (fragment)β-, $\gamma\gamma$-, $\beta\gamma$-, (fragment)$\beta\gamma$-coin, half-lives. ^{53,54,55,56,57}Ti, ^{53,54,56}Sc; deduced levels, J, π, logft, configurations. Comparison with GXPF1 shell-model calculations. ^{54}Ti(β^-); measured half-life. ^{54,55,56}Sc(β^-n); deduced %β^--n. JOUR PRVCA 82 014311

A=54

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

A=54 *(continued)*

^{54}Ti	2010CR02	RADIOACTIVITY ^{53,54,55,56,57}Sc, ^{53,54}Ca(β^-); ^{54,56}Sc(IT)[from Be(^{76}Ge, X), E=130 MeV / nucleon]; measured Eγ, Iγ, (fragment)β-, $\gamma\gamma$-, $\beta\gamma$-, (fragment)$\beta\gamma$-coin, half-lives. ^{53,54,55,56,57}Ti, ^{53,54,56}Sc; deduced levels, J, π, logft, configurations. Comparison with GXPF1 shell-model calculations. ^{54}Ti(β^-); measured half-life. ^{54,55,56}Sc(β^-n); deduced %β^--n. JOUR PRVCA 82 014311
^{54}V	2010CR02	RADIOACTIVITY ^{53,54,55,56,57}Sc, ^{53,54}Ca(β^-); ^{54,56}Sc(IT)[from Be(^{76}Ge, X), E=130 MeV / nucleon]; measured Eγ, Iγ, (fragment)β-, $\gamma\gamma$-, $\beta\gamma$-, (fragment)$\beta\gamma$-coin, half-lives. ^{53,54,55,56,57}Ti, ^{53,54,56}Sc; deduced levels, J, π, logft, configurations. Comparison with GXPF1 shell-model calculations. ^{54}Ti(β^-); measured half-life. ^{54,55,56}Sc(β^-n); deduced %β^--n. JOUR PRVCA 82 014311
^{54}Cr	2010VA13	RADIOACTIVITY ^{54}Mn(EC); measured decay products, Eγ, Iγ; deduced $T_{1/2}$. Comparison with other experimental and evaluated results. JOUR ARISE 68 2387
^{54}Mn	2010AL17	NUCLEAR REACTIONS ^{55}Mn(p, n)^{55}Fe, E<18 MeV; ^{55}Mn(p, X)^{54}Mn / ^{51}Cr, E<45 MeV; measured reaction products, x-rays, Eγ, Iγ; deduced σ. Comparison with nuclear model codes ALICE-IPPE, EMPIRE and TALYS. JOUR ARISE 68 2393
	2010EL04	NUCLEAR REACTIONS ^{60}Ni, ^{95}Mo(n, p), ^{92}Mo(n, α), ^{90}Zr(n, 2n), ^{54}Fe, ^{58}Ni, ^{92}Mo(n, p) E=fission spectrum; measured Eγ, Iγ; deduced σ; deduced lower values for experimental uncertainties vs. calculated. JOUR ARISE 68 2007
	2010VA13	RADIOACTIVITY ^{54}Mn(EC); measured decay products, Eγ, Iγ; deduced $T_{1/2}$. Comparison with other experimental and evaluated results. JOUR ARISE 68 2387

A=55

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

A=55 *(continued)*

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

A=56

^{56}Sc	2010CR02	RADIOACTIVITY ^{53,54,55,56,57}Sc, ^{53,54}Ca(β^-); ^{54,56}Sc(IT)[from Be(^{76}Ge, X), E=130 MeV / nucleon]; measured Eγ, Iγ, (fragment)β-, $\gamma\gamma$-, $\beta\gamma$-, (fragment)$\beta\gamma$-coin, half-lives. ^{53,54,55,56,57}Ti, ^{53,54,56}Sc; deduced levels, J, π, logft, configurations. Comparison with GXPF1 shell-model calculations. ^{54}Ti(β^-); measured half-life. ^{54,55,56}Sc(β^-n); deduced %β^--n. JOUR PRVCA 82 014311
	2010CR02	NUCLEAR REACTIONS Be(^{76}Ge, X)^{52}Ca / ^{53}Ca / ^{54}Ca / ^{53}Sc / ^{54}Sc / ^{55}Sc / ^{56}Sc / ^{55}Ti / ^{56}Ti / ^{57}Ti / ^{58}Ti / ^{57}V / ^{58}V / ^{59}V / ^{60}V / , E=130 MeV / nucleon; measured yields. JOUR PRVCA 82 014311
^{56}Ti	2010CR02	RADIOACTIVITY ^{53,54,55,56,57}Sc, ^{53,54}Ca(β^-); ^{54,56}Sc(IT)[from Be(^{76}Ge, X), E=130 MeV / nucleon]; measured Eγ, Iγ, (fragment)β-, $\gamma\gamma$-, $\beta\gamma$-, (fragment)$\beta\gamma$-coin, half-lives. ^{53,54,55,56,57}Ti, ^{53,54,56}Sc; deduced levels, J, π, logft, configurations. Comparison with GXPF1 shell-model calculations. ^{54}Ti(β^-); measured half-life. ^{54,55,56}Sc(β^-n); deduced %β^--n. JOUR PRVCA 82 014311
	2010CR02	NUCLEAR REACTIONS Be(^{76}Ge, X)^{52}Ca / ^{53}Ca / ^{54}Ca / ^{53}Sc / ^{54}Sc / ^{55}Sc / ^{56}Sc / ^{55}Ti / ^{56}Ti / ^{57}Ti / ^{58}Ti / ^{57}V / ^{58}V / ^{59}V / ^{60}V / , E=130 MeV / nucleon; measured yields. JOUR PRVCA 82 014311
^{56}Mn	2010BU06	NUCLEAR REACTIONS ^{152}Sm, ^{165}Ho, ^{55}Mn, ^{98}Mo, ^{197}Au(n, γ), E=epithermal; measured Eγ, Iγ; deduced resonance energies. Comparison with theoretical calculations. JOUR NIMBE 268 2578
^{56}Ni	2009RO29	NUCLEAR REACTIONS ^{12}C(^{8}He, ^{7}H), E=15.4 MeV / nucleon; measured Et, It, recoil spectra, (recoil)(triton)-coin; deduced correlations. ^{2}H(^{56}Ni, ^{56}Ni'), E=50 MeV / nucleon; measured recoiling Ed, Id. ^{56}Ni; deduced isoscaler giant monopole and giant quadrupole resonance parameters. ^{1}H(^{11}Li, ^{9}Li), E=33 MeV; measured Et, It, recoil spectra; deduced $\sigma(\theta)$, configurations. MAYA active target and SPIRAL radioactive beam facility at GANIL. JOUR ZAANE 42 447

A=57

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

A=57 *(continued)*

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

A=58

^{58}Ti	2010CR02	NUCLEAR REACTIONS Be(^{76}Ge, X)^{52}Ca / ^{53}Ca / ^{54}Ca / ^{53}Sc / ^{54}Sc / ^{55}Sc / ^{56}Sc / ^{55}Ti / ^{56}Ti / ^{57}Ti / ^{58}Ti / ^{57}V / ^{58}V / ^{59}V / ^{60}V / , E=130 MeV / nucleon; measured yields. JOUR PRVCA 82 014311
^{58}V	2010CR02	NUCLEAR REACTIONS Be(^{76}Ge, X)^{52}Ca / ^{53}Ca / ^{54}Ca / ^{53}Sc / ^{54}Sc / ^{55}Sc / ^{56}Sc / ^{55}Ti / ^{56}Ti / ^{57}Ti / ^{58}Ti / ^{57}V / ^{58}V / ^{59}V / ^{60}V / , E=130 MeV / nucleon; measured yields. JOUR PRVCA 82 014311
^{58}Co	2010EL04	NUCLEAR REACTIONS ^{60}Ni, ^{95}Mo(n, p), ^{92}Mo(n, α), ^{90}Zr(n, 2n), ^{54}Fe, ^{58}Ni, ^{92}Mo(n, p) E=fission spectrum; measured Eγ, Iγ; deduced σ; deduced lower values for experimental uncertainties vs. calculated. JOUR ARISE 68 2007
^{58}Ni	2010PAZZ	NUCLEAR REACTIONS ^{58}Ni, ^{124}Sn, ^{208}Pb(d, d'), E=3.5-7.3 MeV; measured $\sigma(\theta)$. Tandem. CONF St.-Petersburg,P136,Pavlenko

A=59

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

A=60

^{60}V	2010CR02	NUCLEAR REACTIONS Be(^{76}Ge, X)^{52}Ca / ^{53}Ca / ^{54}Ca / ^{53}Sc / ^{54}Sc / ^{55}Sc / ^{56}Sc / ^{55}Ti / ^{56}Ti / ^{57}Ti / ^{58}Ti / ^{57}V / ^{58}V / ^{59}V / ^{60}V / , E=130 MeV / nucleon; measured yields. JOUR PRVCA 82 014311
^{60}Co	2010BA16	NUCLEAR REACTIONS ^{76}Ge, ^{74}Ge, Ge(p, X)^{67}Ge / ^{68}Ge / ^{69}Ge / ^{71}As / ^{74}As / ^{65}Zn / ^{60}Co, E=100 MeV; measured Eγ, Iγ; deduced σ. JOUR PANUE 73 1106
	2010EL04	NUCLEAR REACTIONS ^{60}Ni, ^{95}Mo(n, p), ^{92}Mo(n, α), ^{90}Zr(n, 2n), ^{54}Fe, ^{58}Ni, ^{92}Mo(n, p) E=fission spectrum; measured Eγ, Iγ; deduced σ; deduced lower values for experimental uncertainties vs. calculated. JOUR ARISE 68 2007

A=61

^{61}Mn	2009VA16	NUCLEAR REACTIONS ^{109}Ag(^{61}Mn, ^{61}Mn'), (^{61}Fe, ^{61}Fe'), E=2.87 MeV / nucleon; measured Eγ, Iγ following Coulomb excitation at the REX-ISOLDE facility and in-trap decay. ^{61}Mn, ^{61}Fe; deduced levels $T_{1/2}$, B(E2), B(M1). Comparison with large-scale shell model calculations. JOUR ZAANE 42 401
^{61}Fe	2009VA16	NUCLEAR REACTIONS ^{109}Ag(^{61}Mn, ^{61}Mn'), (^{61}Fe, ^{61}Fe'), E=2.87 MeV / nucleon; measured Eγ, Iγ following Coulomb excitation at the REX-ISOLDE facility and in-trap decay. ^{61}Mn, ^{61}Fe; deduced levels $T_{1/2}$, B(E2), B(M1). Comparison with large-scale shell model calculations. JOUR ZAANE 42 401

A=62

^{62}Fe	2010LJ01	NUCLEAR REACTIONS ^{64}Ni(^{238}U, X), E=6.5 MeV / nucleon; measured Eγ, Iγ, (recoil)γ-coin, $\gamma(\theta)$, half-lives of first 2+ states by RDDS method using the Exogam array. ^{62,64}Fe; deduced B(E2). Z=24-30, N=32-42; systematics of energies and B(E2) of first 2+ states in even-even nuclei. Comparison with large-scale shell-model and Hartree-Fock-Bogolyubov based configuration-mixing calculations using the Gogny D1S interaction. New Island of inversion. JOUR PRVCA 81 061301
^{62}Zn	2010LE13	NUCLEAR REACTIONS Mo(p, X)^{93}Tc / ^{94}Tc / ^{95}Tc / ^{96}Tc / ^{99}Tc / ^{90}Mo / ^{93}Mo / ^{99}Mo / ^{90}Nb / ^{92}Nb / ^{95}Nb / ^{96}Nb / ^{89}Zr / ^{62}Zn / ^{63}Zn / ^{65}Zn, E=8.4-37.1 MeV; measured reaction products, Eγ, Iγ; deduced yields, σ. JOUR ARISE 68 2355
	2010MO14	NUCLEAR REACTIONS ^{12}C(^{68}Zn, ^{68}Zn'), E=180 MeV; measured Eγ, Iγ, (particle)$\gamma(\theta$, H), precession angles in transient fields. ^{68}Zn; deduced g factors. Coulomb excitation. ^{62,64,66,70}Zn; reanalyzed g factors. Comparison with large-scale shell-model calculations. JOUR PRVCA 82 014301
	2010MO14	NUCLEAR MOMENTS ^{68}Zn; measured g factors by (particle)$\gamma(\theta$, H) in transient fields. ^{62,64,66,70}Zn; reanalyzed g factors. Comparison with large-scale shell-model calculations. JOUR PRVCA 82 014301
	2010SZ03	NUCLEAR REACTIONS ^{192}Os(p, n), (p, 3n), (p, 4n), (p, 5n), (p, 6n), Cu(p, n)^{65}Zn, Al(p, X)^{24}Na, Cu(p, X)^{62}Zn E < 66 MeV; measured reaction products, Eγ, Iγ; deduced σ, integral yields. Comparison with model code ALICE / ASH. JOUR NIMBE 268 3306

A=63

^{63}Fe	2008KWZZ	NUCLEAR REACTIONS He(^{63}Fe, X), (^{64}Co, X), E=86 MeV / nucleon; measured Iγ(t), Eγ, A / Q, ToF. ^{63,64,65,65m}Fe, ^{64,65,66}Co deduced mass excess. ^{65}Fe deduced levels, J, π, isomer decay, $T_{1/2}$. Results on CD only. Penning trap mass spectrometer. CONF E.Lansing (NS2008),P129,Kwiatkowski

A=63 *(continued)*

^{63}Zn	2010LE13	NUCLEAR REACTIONS Mo(p, X)^{93}Tc / ^{94}Tc / ^{95}Tc / ^{96}Tc / ^{99}Tc / ^{90}Mo / ^{93}Mo / ^{99}Mo / ^{90}Nb / ^{92}Nb / ^{95}Nb / ^{96}Nb / ^{89}Zr / ^{62}Zn / ^{63}Zn / ^{65}Zn, E=8.4-37.1 MeV; measured reaction products, Eγ, Iγ; deduced yields, σ. JOUR ARISE 68 2355

A=64

^{64}Fe	2008KWZZ	NUCLEAR REACTIONS He(^{63}Fe, X), (^{64}Co, X), E=86 MeV / nucleon; measured Iγ(t), Eγ, A / Q, ToF. ^{63,64,65,65m}Fe, ^{64,65,66}Co deduced mass excess. ^{65}Fe deduced levels, J, π, isomer decay, $T_{1/2}$. Results on CD only. Penning trap mass spectrometer. CONF E.Lansing (NS2008),P129,Kwiatkowski
	2010LJ01	NUCLEAR REACTIONS ^{64}Ni(^{238}U, X), E=6.5 MeV / nucleon; measured Eγ, Iγ, (recoil)γ-coin, $\gamma(\theta)$, half-lives of first 2+ states by RDDS method using the Exogam array. ^{62,64}Fe; deduced B(E2). Z=24-30, N=32-42; systematics of energies and B(E2) of first 2+ states in even-even nuclei. Comparison with large-scale shell-model and Hartree-Fock-Bogolyubov based configuration-mixing calculations using the Gogny D1S interaction. New Island of inversion. JOUR PRVCA 81 061301
^{64}Co	2008KWZZ	NUCLEAR REACTIONS He(^{63}Fe, X), (^{64}Co, X), E=86 MeV / nucleon; measured Iγ(t), Eγ, A / Q, ToF. ^{63,64,65,65m}Fe, ^{64,65,66}Co deduced mass excess. ^{65}Fe deduced levels, J, π, isomer decay, $T_{1/2}$. Results on CD only. Penning trap mass spectrometer. CONF E.Lansing (NS2008),P129,Kwiatkowski
^{64}Ni	2010ZH28	NUCLEAR REACTIONS ^{67}Zn(n, α), E=6.0 MeV; measured Eα, Iα, σ. Comparison with other data and TALYS calculation. JOUR ZAANE 43 1
^{64}Cu	2010GA21	NUCLEAR REACTIONS ^{237}Np(γ, F)^{135}Cs, ^{238}U(γ, F)^{140}La, ^{65}Cu(γ, n)^{64}Cu, E<25 MeV; measured reaction products, Eγ, Iγ; deduced isomer yield ratios. Comparison with calculation. JOUR PANUE 73 1477
^{64}Zn	2010DI08	NUCLEAR REACTIONS ^{64}Zn(^{9}Be, ^{9}Be), (^{10}Be, ^{10}Be), (^{11}Be, ^{11}Be), E(cm)=24.5 MeV; measured reaction products; deduced elastic scattering, transfer or breakup $\sigma(\theta)$, σ, halo features of ^{11}Be. Optical model calculations. JOUR PRLTA 105 022701
	2010MO14	NUCLEAR REACTIONS ^{12}C(^{68}Zn, ^{68}Zn'), E=180 MeV; measured Eγ, Iγ, (particle)$\gamma(\theta$, H), precession angles in transient fields. ^{68}Zn; deduced g factors. Coulomb excitation. ^{62,64,66,70}Zn; reanalyzed g factors. Comparison with large-scale shell-model calculations. JOUR PRVCA 82 014301
	2010MO14	NUCLEAR MOMENTS ^{68}Zn; measured g factors by (particle)$\gamma(\theta$, H) in transient fields. ^{62,64,66,70}Zn; reanalyzed g factors. Comparison with large-scale shell-model calculations. JOUR PRVCA 82 014301
^{64}Ga	2008SAZF	RADIOACTIVITY ^{64}Ge, ^{68}Se(EC); measured $T_{1/2}$. Results on CD only. CONF E.Lansing (NS2008),P172,Savory
^{64}Ge	2008SAZF	RADIOACTIVITY ^{64}Ge, ^{68}Se(EC); measured $T_{1/2}$. Results on CD only. CONF E.Lansing (NS2008),P172,Savory

A=65

^{65}Fe	2008KWZZ	NUCLEAR REACTIONS He(^{63}Fe, X), (^{64}Co, X), E=86 MeV / nucleon; measured Iγ(t), Eγ, A / Q, ToF. ^{63,64,65,65m}Fe, ^{64,65,66}Co deduced mass excess. ^{65}Fe deduced levels, J, π, isomer decay, $T_{1/2}$. Results on CD only. Penning trap mass spectrometer. CONF E.Lansing (NS2008),P129,Kwiatkowski
^{65}Co	2008KWZZ	NUCLEAR REACTIONS He(^{63}Fe, X), (^{64}Co, X), E=86 MeV / nucleon; measured Iγ(t), Eγ, A / Q, ToF. ^{63,64,65,65m}Fe, ^{64,65,66}Co deduced mass excess. ^{65}Fe deduced levels, J, π, isomer decay, $T_{1/2}$. Results on CD only. Penning trap mass spectrometer. CONF E.Lansing (NS2008),P129,Kwiatkowski
^{65}Zn	2010BA16	NUCLEAR REACTIONS ^{76}Ge, ^{74}Ge, Ge(p, X)^{67}Ge / ^{68}Ge / ^{69}Ge / ^{71}As / ^{74}As / ^{65}Zn / ^{60}Co, E=100 MeV; measured Eγ, Iγ; deduced σ. JOUR PANUE 73 1106
	2010LE13	NUCLEAR REACTIONS Mo(p, X)^{93}Tc / ^{94}Tc / ^{95}Tc / ^{96}Tc / ^{99}Tc / ^{90}Mo / ^{93}Mo / ^{99}Mo / ^{90}Nb / ^{92}Nb / ^{95}Nb / ^{96}Nb / ^{89}Zr / ^{62}Zn / ^{63}Zn / ^{65}Zn, E=8.4-37.1 MeV; measured reaction products, Eγ, Iγ; deduced yields, σ. JOUR ARISE 68 2355
	2010SZ03	NUCLEAR REACTIONS ^{192}Os(p, n), (p, 3n), (p, 4n), (p, 5n), (p, 6n), Cu(p, n)^{65}Zn, Al(p, X)^{24}Na, Cu(p, X)^{62}Zn E < 66 MeV; measured reaction products, Eγ, Iγ; deduced σ, integral yields. Comparison with model code ALICE / ASH. JOUR NIMBE 268 3306

A=66

^{66}Co	2008KWZZ	NUCLEAR REACTIONS He(^{63}Fe, X), (^{64}Co, X), E=86 MeV / nucleon; measured Iγ(t), Eγ, A / Q, ToF. ^{63,64,65,65m}Fe, ^{64,65,66}Co deduced mass excess. ^{65}Fe deduced levels, J, π, isomer decay, $T_{1/2}$. Results on CD only. Penning trap mass spectrometer. CONF E.Lansing (NS2008),P129,Kwiatkowski
^{66}Zn	2010MO14	NUCLEAR REACTIONS ^{12}C(^{68}Zn, ^{68}Zn'), E=180 MeV; measured Eγ, Iγ, (particle)$\gamma(\theta$, H), precession angles in transient fields. ^{68}Zn; deduced g factors. Coulomb excitation. ^{62,64,66,70}Zn; reanalyzed g factors. Comparison with large-scale shell-model calculations. JOUR PRVCA 82 014301
	2010MO14	NUCLEAR MOMENTS ^{68}Zn; measured g factors by (particle)$\gamma(\theta$, H) in transient fields. ^{62,64,66,70}Zn; reanalyzed g factors. Comparison with large-scale shell-model calculations. JOUR PRVCA 82 014301

A=67

^{67}Ge	2010BA16	NUCLEAR REACTIONS ^{76}Ge, ^{74}Ge, Ge(p, X)^{67}Ge / ^{68}Ge / ^{69}Ge / ^{71}As / ^{74}As / ^{65}Zn / ^{60}Co, E=100 MeV; measured Eγ, Iγ; deduced σ. JOUR PANUE 73 1106

A=68

^{68}Zn	2010MO14	NUCLEAR REACTIONS ^{12}C(^{68}Zn, ^{68}Zn'), E=180 MeV; measured Eγ, Iγ, (particle)$\gamma(\theta$, H), precession angles in transient fields. ^{68}Zn; deduced g factors. Coulomb excitation. ^{62,64,66,70}Zn; reanalyzed g factors. Comparison with large-scale shell-model calculations. JOUR PRVCA 82 014301
	2010MO14	NUCLEAR MOMENTS ^{68}Zn; measured g factors by (particle)$\gamma(\theta$, H) in transient fields. ^{62,64,66,70}Zn; reanalyzed g factors. Comparison with large-scale shell-model calculations. JOUR PRVCA 82 014301
^{68}Ge	2010BA16	NUCLEAR REACTIONS ^{76}Ge, ^{74}Ge, Ge(p, X)^{67}Ge / ^{68}Ge / ^{69}Ge / ^{71}As / ^{74}As / ^{65}Zn / ^{60}Co, E=100 MeV; measured Eγ, Iγ; deduced σ. JOUR PANUE 73 1106
^{68}As	2008SAZF	RADIOACTIVITY ^{64}Ge, ^{68}Se(EC); measured $T_{1/2}$. Results on CD only. CONF E.Lansing (NS2008),P172,Savory
^{68}Se	2008SAZF	ATOMIC MASSES ^{68,70}Se, ^{70,71}Br; measured mass using LEBIT facility. Results on CD only. CONF E.Lansing (NS2008),P172,Savory
	2008SAZF	RADIOACTIVITY ^{64}Ge, ^{68}Se(EC); measured $T_{1/2}$. Results on CD only. CONF E.Lansing (NS2008),P172,Savory

A=69

^{69}Ge	2010BA16	NUCLEAR REACTIONS ^{76}Ge, ^{74}Ge, Ge(p, X)^{67}Ge / ^{68}Ge / ^{69}Ge / ^{71}As / ^{74}As / ^{65}Zn / ^{60}Co, E=100 MeV; measured Eγ, Iγ; deduced σ. JOUR PANUE 73 1106

A=70

^{70}Zn	2010MO14	NUCLEAR REACTIONS ^{12}C(^{68}Zn, ^{68}Zn'), E=180 MeV; measured Eγ, Iγ, (particle)$\gamma(\theta$, H), precession angles in transient fields. ^{68}Zn; deduced g factors. Coulomb excitation. ^{62,64,66,70}Zn; reanalyzed g factors. Comparison with large-scale shell-model calculations. JOUR PRVCA 82 014301
	2010MO14	NUCLEAR MOMENTS ^{68}Zn; measured g factors by (particle)$\gamma(\theta$, H) in transient fields. ^{62,64,66,70}Zn; reanalyzed g factors. Comparison with large-scale shell-model calculations. JOUR PRVCA 82 014301
^{70}Se	2008SAZF	ATOMIC MASSES ^{68,70}Se, ^{70,71}Br; measured mass using LEBIT facility. Results on CD only. CONF E.Lansing (NS2008),P172,Savory
^{70}Br	2008SAZF	ATOMIC MASSES ^{68,70}Se, ^{70,71}Br; measured mass using LEBIT facility. Results on CD only. CONF E.Lansing (NS2008),P172,Savory

A=71

^{71}Mn	2010OH02	NUCLEAR REACTIONS Be, Pb(^{238}U, F), E=345 MeV / nucleon; measured yields of fission fragments. Z=20-56, A=52-152; measured yields. ^{71}Mn, ^{73,74}Fe, ^{76}Co, ^{79}Ni, ^{81,82}Cu, ^{84,85}Zn, ^{87}Ga, ^{90}Ge, ^{95}Se, ^{98}Br, ^{101}Kr, ^{103}Rb, ^{106,107}Sr, ^{108,109}Y, ^{111,112}Zr, ^{114,115}Nb, ^{115,116,117}Mo, ^{119,120}Tc, ^{121,122,123,124}Ru, ^{123,124,125,126}Rh, ^{127,128}Pd, ^{133}Cd, ^{138}Sn, ^{140}Sb, ^{143}Te, ^{145}I, ^{148}Xe, ^{152}Ba; measured yields and cross sections, identified new isotopes using RI beam factory at RIKEN, ΔE-TOF-Bρ method. JOUR JUPSA 79 073201
^{71}Co	2008RAZS	RADIOACTIVITY ^{71,72,73,74,75}Co(β^-)[from ^{9}Be(^{86}Kr, X), E=140 MeV / nucleon];measured E(particle), I(particle), Eγ, Iγ, Eβ, Iβ, $\beta\gamma$-coin, $\gamma\gamma$-coin. ^{71,73}Ni, ^{71,72,73}Co deduced levels, J, π. Comparison with shell model calculation with NR78 interaction. Results on CD only. CONF E.Lansing (NS2008),P167,Rajabali
^{71}Ni	2008RAZS	RADIOACTIVITY ^{71,72,73,74,75}Co(β^-)[from ^{9}Be(^{86}Kr, X), E=140 MeV / nucleon];measured E(particle), I(particle), Eγ, Iγ, Eβ, Iβ, $\beta\gamma$-coin, $\gamma\gamma$-coin. ^{71,73}Ni, ^{71,72,73}Co deduced levels, J, π. Comparison with shell model calculation with NR78 interaction. Results on CD only. CONF E.Lansing (NS2008),P167,Rajabali
^{71}Cu	2008YOZV	RADIOACTIVITY ^{21}Mg;^{21}F;^{71}Cu;^{72}Cu; measured β asymmetry using laser spectroscopy; deduced ground state μ, quadrupole moment, spin. Results on CD only. CONF E.Lansing (NS2008),P63,Yordanov
^{71}As	2010BA16	NUCLEAR REACTIONS ^{76}Ge, ^{74}Ge, Ge(p, X)^{67}Ge / ^{68}Ge / ^{69}Ge / ^{71}As / ^{74}As / ^{65}Zn / ^{60}Co, E=100 MeV; measured Eγ, Iγ; deduced σ. JOUR PANUE 73 1106
^{71}Br	2008SAZF	ATOMIC MASSES ^{68,70}Se, ^{70,71}Br; measured mass using LEBIT facility. Results on CD only. CONF E.Lansing (NS2008),P172,Savory

A=72

^{72}Co	2008RAZS	RADIOACTIVITY ^{71,72,73,74,75}Co(β^-)[from ^{9}Be(^{86}Kr, X), E=140 MeV / nucleon];measured E(particle), I(particle), Eγ, Iγ, Eβ, Iβ, $\beta\gamma$-coin, $\gamma\gamma$-coin. ^{71,73}Ni, ^{71,72,73}Co deduced levels, J, π. Comparison with shell model calculation with NR78 interaction. Results on CD only. CONF E.Lansing (NS2008),P167,Rajabali
^{72}Ni	2008RAZS	RADIOACTIVITY ^{71,72,73,74,75}Co(β^-)[from ^{9}Be(^{86}Kr, X), E=140 MeV / nucleon];measured E(particle), I(particle), Eγ, Iγ, Eβ, Iβ, $\beta\gamma$-coin, $\gamma\gamma$-coin. ^{71,73}Ni, ^{71,72,73}Co deduced levels, J, π. Comparison with shell model calculation with NR78 interaction. Results on CD only. CONF E.Lansing (NS2008),P167,Rajabali
^{72}Cu	2008YOZV	RADIOACTIVITY ^{21}Mg;^{21}F;^{71}Cu;^{72}Cu; measured β asymmetry using laser spectroscopy; deduced ground state μ, quadrupole moment, spin. Results on CD only. CONF E.Lansing (NS2008),P63,Yordanov

A=73

^{73}Fe	2010OH02	NUCLEAR REACTIONS Be, Pb(^{238}U, F), E=345 MeV / nucleon; measured yields of fission fragments. Z=20-56, A=52-152; measured yields. ^{71}Mn, ^{73,74}Fe, ^{76}Co, ^{79}Ni, ^{81,82}Cu, ^{84,85}Zn, ^{87}Ga, ^{90}Ge, ^{95}Se, ^{98}Br, ^{101}Kr, ^{103}Rb, ^{106,107}Sr, ^{108,109}Y, ^{111,112}Zr, ^{114,115}Nb, ^{115,116,117}Mo, ^{119,120}Tc, ^{121,122,123,124}Ru, ^{123,124,125,126}Rh, ^{127,128}Pd, ^{133}Cd, ^{138}Sn, ^{140}Sb, ^{143}Te, ^{145}I, ^{148}Xe, ^{152}Ba; measured yields and cross sections, identified new isotopes using RI beam factory at RIKEN, ΔE-TOF-Bρ method. JOUR JUPSA 79 073201
^{73}Co	2008RAZS	RADIOACTIVITY ^{71,72,73,74,75}Co(β^-)[from ^{9}Be(^{86}Kr, X), E=140 MeV / nucleon];measured E(particle), I(particle), Eγ, Iγ, Eβ, Iβ, $\beta\gamma$-coin, $\gamma\gamma$-coin. ^{71,73}Ni, ^{71,72,73}Co deduced levels, J, π. Comparison with shell model calculation with NR78 interaction. Results on CD only. CONF E.Lansing (NS2008),P167,Rajabali
^{73}Ni	2008RAZS	RADIOACTIVITY ^{71,72,73,74,75}Co(β^-)[from ^{9}Be(^{86}Kr, X), E=140 MeV / nucleon];measured E(particle), I(particle), Eγ, Iγ, Eβ, Iβ, $\beta\gamma$-coin, $\gamma\gamma$-coin. ^{71,73}Ni, ^{71,72,73}Co deduced levels, J, π. Comparison with shell model calculation with NR78 interaction. Results on CD only. CONF E.Lansing (NS2008),P167,Rajabali
^{73}Se	2010PAZY	NUCLEAR REACTIONS ^{74,82}Se(γ, n), (n, 2n), Eγ=27, 28, 29, 30 MeV bremsstrahlung, En=14 MeV; measured isomeric yield ratios with activation method. ^{81m,g}Se; deduced Y_m / Y_g vs Eγ. CONF St.-Petersburg,P186,Palvanov

A=74

^{74}Fe	2010OH02	NUCLEAR REACTIONS Be, Pb(^{238}U, F), E=345 MeV / nucleon; measured yields of fission fragments. Z=20-56, A=52-152; measured yields. ^{71}Mn, ^{73,74}Fe, ^{76}Co, ^{79}Ni, ^{81,82}Cu, ^{84,85}Zn, ^{87}Ga, ^{90}Ge, ^{95}Se, ^{98}Br, ^{101}Kr, ^{103}Rb, ^{106,107}Sr, ^{108,109}Y, ^{111,112}Zr, ^{114,115}Nb, ^{115,116,117}Mo, ^{119,120}Tc, ^{121,122,123,124}Ru, ^{123,124,125,126}Rh, ^{127,128}Pd, ^{133}Cd, ^{138}Sn, ^{140}Sb, ^{143}Te, ^{145}I, ^{148}Xe, ^{152}Ba; measured yields and cross sections, identified new isotopes using RI beam factory at RIKEN, ΔE-TOF-Bρ method. JOUR JUPSA 79 073201
^{74}Co	2008RAZS	RADIOACTIVITY ^{71,72,73,74,75}Co(β^-)[from ^{9}Be(^{86}Kr, X), E=140 MeV / nucleon];measured E(particle), I(particle), Eγ, Iγ, Eβ, Iβ, $\beta\gamma$-coin, $\gamma\gamma$-coin. ^{71,73}Ni, ^{71,72,73}Co deduced levels, J, π. Comparison with shell model calculation with NR78 interaction. Results on CD only. CONF E.Lansing (NS2008),P167,Rajabali
^{74}Ni	2008RAZS	RADIOACTIVITY ^{71,72,73,74,75}Co(β^-)[from ^{9}Be(^{86}Kr, X), E=140 MeV / nucleon];measured E(particle), I(particle), Eγ, Iγ, Eβ, Iβ, $\beta\gamma$-coin, $\gamma\gamma$-coin. ^{71,73}Ni, ^{71,72,73}Co deduced levels, J, π. Comparison with shell model calculation with NR78 interaction. Results on CD only. CONF E.Lansing (NS2008),P167,Rajabali
	2010AO01	NUCLEAR REACTIONS ^{1}H(^{74}Ni, ^{74}Ni'), E=81 MeV / nucleon; measured Eγ, Iγ; ^{74}Ni; deduced J, π, level energy, σ, deformation length and parameter. JOUR PYLBB 692 302

A=74 *(continued)*

^{74}As	2010BA16	NUCLEAR REACTIONS ^{76}Ge, ^{74}Ge, Ge(p, X)^{67}Ge / ^{68}Ge / ^{69}Ge / ^{71}As / ^{74}As / ^{65}Zn / ^{60}Co, E=100 MeV; measured Eγ, Iγ; deduced σ. JOUR PANUE 73 1106

A=75

^{75}Co	2008RAZS	RADIOACTIVITY ^{71,72,73,74,75}Co(β^-)[from ^{9}Be(^{86}Kr, X), E=140 MeV / nucleon];measured E(particle), I(particle), Eγ, Iγ, Eβ, Iβ, $\beta\gamma$-coin, $\gamma\gamma$-coin. ^{71,73}Ni, ^{71,72,73}Co deduced levels, J, π. Comparison with shell model calculation with NR78 interaction. Results on CD only. CONF E.Lansing (NS2008),P167,Rajabali
^{75}Ni	2008RAZS	RADIOACTIVITY ^{71,72,73,74,75}Co(β^-)[from ^{9}Be(^{86}Kr, X), E=140 MeV / nucleon];measured E(particle), I(particle), Eγ, Iγ, Eβ, Iβ, $\beta\gamma$-coin, $\gamma\gamma$-coin. ^{71,73}Ni, ^{71,72,73}Co deduced levels, J, π. Comparison with shell model calculation with NR78 interaction. Results on CD only. CONF E.Lansing (NS2008),P167,Rajabali
^{75}Kr	2010TR05	NUCLEAR REACTIONS ^{50}Cr(^{28}Si, n2p), E=90 MeV; measured Eγ, I$\gamma(\theta$, t); deduced $T_{1/2}$, transitional quadrupole moment. Comparison with nearby nuclei. JOUR NUPAB 834 72c

A=76

^{76}Co	2010OH02	NUCLEAR REACTIONS Be, Pb(^{238}U, F), E=345 MeV / nucleon; measured yields of fission fragments. Z=20-56, A=52-152; measured yields. ^{71}Mn, ^{73,74}Fe, ^{76}Co, ^{79}Ni, ^{81,82}Cu, ^{84,85}Zn, ^{87}Ga, ^{90}Ge, ^{95}Se, ^{98}Br, ^{101}Kr, ^{103}Rb, ^{106,107}Sr, ^{108,109}Y, ^{111,112}Zr, ^{114,115}Nb, ^{115,116,117}Mo, ^{119,120}Tc, ^{121,122,123,124}Ru, ^{123,124,125,126}Rh, ^{127,128}Pd, ^{133}Cd, ^{138}Sn, ^{140}Sb, ^{143}Te, ^{145}I, ^{148}Xe, ^{152}Ba; measured yields and cross sections, identified new isotopes using RI beam factory at RIKEN, ΔE-TOF-Bρ method. JOUR JUPSA 79 073201
^{76}Cu	2008WIZO	RADIOACTIVITY ^{76,77,78,79}Cu, ^{83,84,85}Ga(β^-); measured Eγ, Iγ, β-delayed neutron decay, (particle)γ-coin; deduced branching ratio. ^{76,77,78}Zn, ^{82,83}Ge deduced levels, J, π. A=82, 83, 84 deduced chain branching ratio. Results on CD only. CONF E.Lansing (NS2008),P194,Winger
^{76}Zn	2008WIZO	RADIOACTIVITY ^{76,77,78,79}Cu, ^{83,84,85}Ga(β^-); measured Eγ, Iγ, β-delayed neutron decay, (particle)γ-coin; deduced branching ratio. ^{76,77,78}Zn, ^{82,83}Ge deduced levels, J, π. A=82, 83, 84 deduced chain branching ratio. Results on CD only. CONF E.Lansing (NS2008),P194,Winger
^{76}Ge	2008CHZL	RADIOACTIVITY ^{76}Ge($2\beta^-$);^{36}Ar(2EC); measured Eγ, Iγ, electron spectrum; deduced $2\beta(0\nu)$-decay $T_{1/2}$. Heidelberg-Moscow and Gerda experiments. PREPRINT arXiv:0812.1206v1 [nucl-ex]
^{76}Se	2008CHZL	RADIOACTIVITY ^{76}Ge($2\beta^-$);^{36}Ar(2EC); measured Eγ, Iγ, electron spectrum; deduced $2\beta(0\nu)$-decay $T_{1/2}$. Heidelberg-Moscow and Gerda experiments. PREPRINT arXiv:0812.1206v1 [nucl-ex]

A=77

^{77}Cu	2008WIZO	RADIOACTIVITY ^{76,77,78,79}Cu, ^{83,84,85}Ga(β^-); measured Eγ, Iγ, β-delayed neutron decay, (particle)γ-coin; deduced branching ratio. ^{76,77,78}Zn, ^{82,83}Ge deduced levels, J, π. A=82, 83, 84 deduced chain branching ratio. Results on CD only. CONF E.Lansing (NS2008),P194,Winger
^{77}Zn	2008WIZO	RADIOACTIVITY ^{76,77,78,79}Cu, ^{83,84,85}Ga(β^-); measured Eγ, Iγ, β-delayed neutron decay, (particle)γ-coin; deduced branching ratio. ^{76,77,78}Zn, ^{82,83}Ge deduced levels, J, π. A=82, 83, 84 deduced chain branching ratio. Results on CD only. CONF E.Lansing (NS2008),P194,Winger

A=78

^{78}Cu	2008WIZO	RADIOACTIVITY ^{76,77,78,79}Cu, ^{83,84,85}Ga(β^-); measured Eγ, Iγ, β-delayed neutron decay, (particle)γ-coin; deduced branching ratio. ^{76,77,78}Zn, ^{82,83}Ge deduced levels, J, π. A=82, 83, 84 deduced chain branching ratio. Results on CD only. CONF E.Lansing (NS2008),P194,Winger
^{78}Zn	2008WIZO	RADIOACTIVITY ^{76,77,78,79}Cu, ^{83,84,85}Ga(β^-); measured Eγ, Iγ, β-delayed neutron decay, (particle)γ-coin; deduced branching ratio. ^{76,77,78}Zn, ^{82,83}Ge deduced levels, J, π. A=82, 83, 84 deduced chain branching ratio. Results on CD only. CONF E.Lansing (NS2008),P194,Winger
^{78}Se	2010GAZZ	RADIOACTIVITY ^{78}Kr(2EC); measured $T_{1/2}$ lower limit of (2ν+0ν)-accompanied decay. Baksan Underground Neutrino Observatory, proportional counter filled with Kr (enriched / natural). CONF St.-Petersburg,P100,Gavriljuk
	2010KA17	NUCLEAR REACTIONS ^{77}Se, ^{197}Au(n, γ), E=15-100, 510 keV; measured TOF, Eγ, Iγ; deduced σ, γ-ray multiplicities. Comparison with JENDL-3.3, ENDF / B-VII.0, ENDF / B-VI.8 libraries. JOUR JNSTA 47 634
^{78}Kr	2010GAZZ	RADIOACTIVITY ^{78}Kr(2EC); measured $T_{1/2}$ lower limit of (2ν+0ν)-accompanied decay. Baksan Underground Neutrino Observatory, proportional counter filled with Kr (enriched / natural). CONF St.-Petersburg,P100,Gavriljuk

A=79

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

A=79 *(continued)*

^{79}Cu	2008WIZO	RADIOACTIVITY ^{76,77,78,79}Cu, ^{83,84,85}Ga(β^-); measured Eγ, Iγ, β-delayed neutron decay, (particle)γ-coin; deduced branching ratio. ^{76,77,78}Zn, ^{82,83}Ge deduced levels, J, π. A=82, 83, 84 deduced chain branching ratio. Results on CD only. CONF E.Lansing (NS2008),P194,Winger
^{79}Zn	2008WIZO	RADIOACTIVITY ^{76,77,78,79}Cu, ^{83,84,85}Ga(β^-); measured Eγ, Iγ, β-delayed neutron decay, (particle)γ-coin; deduced branching ratio. ^{76,77,78}Zn, ^{82,83}Ge deduced levels, J, π. A=82, 83, 84 deduced chain branching ratio. Results on CD only. CONF E.Lansing (NS2008),P194,Winger

A=80

^{80}Se	2010ADZZ	NUCLEAR REACTIONS Ti, Cr, ^{80}Se(n, n'γ), E=fast; measured Eγ, Iγ, $\gamma(\theta)$, $T_{1/2}$ by DSAM, ^{48nullTi,53}Cr, ^{80}Se; deduced levels. CONF St.-Petersburg,P108,Adymov
^{80}Kr	2010NA13	ATOMIC MASSES ^{80,86,87,94,96,97}Kr; measured cyclotron frequencies and ratios; deduced mass excess, deformation. Penning-trap mass spectrometer at ISOLDE, CERN. JOUR PRLTA 105 032502

A=81

^{81}Cu	2010OH02	NUCLEAR REACTIONS Be, Pb(^{238}U, F), E=345 MeV / nucleon; measured yields of fission fragments. Z=20-56, A=52-152; measured yields. ^{71}Mn, ^{73,74}Fe, ^{76}Co, ^{79}Ni, ^{81,82}Cu, ^{84,85}Zn, ^{87}Ga, ^{90}Ge, ^{95}Se, ^{98}Br, ^{101}Kr, ^{103}Rb, ^{106,107}Sr, ^{108,109}Y, ^{111,112}Zr, ^{114,115}Nb, ^{115,116,117}Mo, ^{119,120}Tc, ^{121,122,123,124}Ru, ^{123,124,125,126}Rh, ^{127,128}Pd, ^{133}Cd, ^{138}Sn, ^{140}Sb, ^{143}Te, ^{145}I, ^{148}Xe, ^{152}Ba; measured yields and cross sections, identified new isotopes using RI beam factory at RIKEN, ΔE-TOF-Bρ method. JOUR JUPSA 79 073201
^{81}Se	2010PAZY	NUCLEAR REACTIONS ^{74,82}Se(γ, n), (n, 2n), Eγ=27, 28, 29, 30 MeV bremsstrahlung, En=14 MeV; measured isomeric yield ratios with activation method. ^{81m,g}Se; deduced Y_m / Y_g vs Eγ. CONF St.-Petersburg,P186,Palvanov
^{81}Rb	2010ERZZ	NUCLEAR REACTIONS ^{85}Rb(γ, n), (γ, 2n), (γ, 3n), (γ, 4n), ^{87}Rb(γ, n), (γ, 3n), (γ, 4n), (γ, 5n), E=67.7 MeV bremsstrahlung; measured relative yields with activation method. ^{86}Rb; deduced yield in (γ, n). ^{84}Rb; deduced yield in (γ, n)+(γ, 3n). ^{83}Rb; deduced yield in (γ, 2n)+(γ, 3n). ^{82}Rb; deduced yield in (γ, 3n)+(γ, 4n). ^{81}Rb; deduced yield in (γ, 4n)+(γ, 5n). CONF St.-Petersburg,P189,Ermakov

A=82

^{82}Cu	2010OH02	NUCLEAR REACTIONS Be, Pb(^{238}U, F), E=345 MeV / nucleon; measured yields of fission fragments. Z=20-56, A=52-152; measured yields. ^{71}Mn, ^{73,74}Fe, ^{76}Co, ^{79}Ni, ^{81,82}Cu, ^{84,85}Zn, ^{87}Ga, ^{90}Ge, ^{95}Se, ^{98}Br, ^{101}Kr, ^{103}Rb, ^{106,107}Sr, ^{108,109}Y, ^{111,112}Zr, ^{114,115}Nb, ^{115,116,117}Mo, ^{119,120}Tc, ^{121,122,123,124}Ru, ^{123,124,125,126}Rh, ^{127,128}Pd, ^{133}Cd, ^{138}Sn, ^{140}Sb, ^{143}Te, ^{145}I, ^{148}Xe, ^{152}Ba; measured yields and cross sections, identified new isotopes using RI beam factory at RIKEN, ΔE-TOF-Bρ method. JOUR JUPSA 79 073201
^{82}Ge	2008WIZO	RADIOACTIVITY ^{76,77,78,79}Cu, ^{83,84,85}Ga(β^-); measured Eγ, Iγ, β-delayed neutron decay, (particle)γ-coin; deduced branching ratio. ^{76,77,78}Zn, ^{82,83}Ge deduced levels, J, π. A=82, 83, 84 deduced chain branching ratio. Results on CD only. CONF E.Lansing (NS2008),P194,Winger
	2010GA14	NUCLEAR REACTIONS ^{197}Au(^{82}Ge, ^{82}Ge'), E=89.4 MeV / nucleon; ^{197}Au(^{84}Se, ^{84}Se'), E=95.4 MeV / nucleon; ^{9}Be(^{82}Ge, ^{82}Ge'), E=87.6 MeV / nucleon; ^{9}Be(^{84}Se, ^{84}Se'), E=92 MeV / nucleon, [^{82}Ge and ^{84}Se secondary beams from ^{9}Be(^{86}Kr, X), E=140 MeV / nucleon]; measured Eγ, Iγ, σ, (particle)γ-coin; ^{82}Ge, ^{84}Se; deduced levels, J, B(E2), $T_{1/2}$. Intermediate energy Coulomb excitation and inelastic scattering. Comparison with systematics of B(E2) values for first 2+ state in N=50 isotones for Z(even)=30-42 and even-even Ge (A=64-82) and Se (A=68-84) isotopes, and with shell-model calculations. Systematics of first 3- states in even-even Se (A=74-82) and N=50 isotones. JOUR PRVCA 81 064326
^{82}Rb	2009YU10	NUCLEAR REACTIONS ^{60}Ni(^{27}Al, n4p)^{82}Rb, E=130 MeV; measured Eγ, Iγ, γ-γ-coin.; deduced magnetic rotational bands, g factors. JOUR CPCHC 33 s01 188
	2010ERZZ	NUCLEAR REACTIONS ^{85}Rb(γ, n), (γ, 2n), (γ, 3n), (γ, 4n), ^{87}Rb(γ, n), (γ, 3n), (γ, 4n), (γ, 5n), E=67.7 MeV bremsstrahlung; measured relative yields with activation method. ^{86}Rb; deduced yield in (γ, n). ^{84}Rb; deduced yield in (γ, n)+(γ, 3n). ^{83}Rb; deduced yield in (γ, 2n)+(γ, 3n). ^{82}Rb; deduced yield in (γ, 3n)+(γ, 4n). ^{81}Rb; deduced yield in (γ, 4n)+(γ, 5n). CONF St.-Petersburg,P189,Ermakov
^{82}Sr	2009FA14	NUCLEAR REACTIONS ^{58}Ni(^{28}Si, 4p)^{82}Sr, E=110 MeV; measured Eγ, Iγ; deduced rotational bands, g factors, proton alignment. JOUR CPCHC 33 s01 206
	2010FA08	NUCLEAR REACTIONS ^{58}Ni(^{28}Si, 4p), E=110 MeV; measured Eγ, Iγ. ^{82}Sr; deduced g factor, rotational bands. Comparison with particle rotor model with Nilsson potential. JOUR NUPAB 834 107c

A=83

^{83}Ga	2008WIZO	RADIOACTIVITY ^{76,77,78,79}Cu, ^{83,84,85}Ga(β^-); measured Eγ, Iγ, β-delayed neutron decay, (particle)γ-coin; deduced branching ratio. ^{76,77,78}Zn, ^{82,83}Ge deduced levels, J, π. A=82, 83, 84 deduced chain branching ratio. Results on CD only. CONF E.Lansing (NS2008),P194,Winger

A=83 *(continued)*

^{83}Ge	2008WIZO	RADIOACTIVITY ^{76,77,78,79}Cu, ^{83,84,85}Ga(β^-); measured Eγ, Iγ, β-delayed neutron decay, (particle)γ-coin; deduced branching ratio. ^{76,77,78}Zn, ^{82,83}Ge deduced levels, J, π. A=82, 83, 84 deduced chain branching ratio. Results on CD only. CONF E.Lansing (NS2008),P194,Winger
^{83}Rb	2010ERZZ	NUCLEAR REACTIONS ^{85}Rb(γ, n), (γ, 2n), (γ, 3n), (γ, 4n), ^{87}Rb(γ, n), (γ, 3n), (γ, 4n), (γ, 5n), E=67.7 MeV bremsstrahlung; measured relative yields with activation method. ^{86}Rb; deduced yield in (γ, n). ^{84}Rb; deduced yield in (γ, n)+(γ, 3n). ^{83}Rb; deduced yield in (γ, 2n)+(γ, 3n). ^{82}Rb; deduced yield in (γ, 3n)+(γ, 4n). ^{81}Rb; deduced yield in (γ, 4n)+(γ, 5n). CONF St.-Petersburg,P189,Ermakov
	2010SH17	RADIOACTIVITY ^{83}Sr(β^+); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{83}Rb; deduced levels, J, π, yrast states. Comparison with projected shell model. JOUR NUPAB 834 90c
^{83}Sr	2010SH17	RADIOACTIVITY ^{83}Sr(β^+); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{83}Rb; deduced levels, J, π, yrast states. Comparison with projected shell model. JOUR NUPAB 834 90c

A=84

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

A=84 *(continued)*

^{84}Se	2010GA14	NUCLEAR REACTIONS ^{197}Au(^{82}Ge, ^{82}Ge'), E=89.4 MeV / nucleon; ^{197}Au(^{84}Se, ^{84}Se'), E=95.4 MeV / nucleon; ^{9}Be(^{82}Ge, ^{82}Ge'), E=87.6 MeV / nucleon; ^{9}Be(^{84}Se, ^{84}Se'), E=92 MeV / nucleon, [^{82}Ge and ^{84}Se secondary beams from ^{9}Be(^{86}Kr, X), E=140 MeV / nucleon]; measured Eγ, Iγ, σ, (particle)γ-coin; ^{82}Ge, ^{84}Se; deduced levels, J, B(E2), $T_{1/2}$. Intermediate energy Coulomb excitation and inelastic scattering. Comparison with systematics of B(E2) values for first 2+ state in N=50 isotones for Z(even)=30-42 and even-even Ge (A=64-82) and Se (A=68-84) isotopes, and with shell-model calculations. Systematics of first 3- states in even-even Se (A=74-82) and N=50 isotones. JOUR PRVCA 81 064326
^{84}Rb	2010ERZZ	NUCLEAR REACTIONS ^{85}Rb(γ, n), (γ, 2n), (γ, 3n), (γ, 4n), ^{87}Rb(γ, n), (γ, 3n), (γ, 4n), (γ, 5n), E=67.7 MeV bremsstrahlung; measured relative yields with activation method. ^{86}Rb; deduced yield in (γ, n). ^{84}Rb; deduced yield in (γ, n)+(γ, 3n). ^{83}Rb; deduced yield in (γ, 2n)+(γ, 3n). ^{82}Rb; deduced yield in (γ, 3n)+(γ, 4n). ^{81}Rb; deduced yield in (γ, 4n)+(γ, 5n). CONF St.-Petersburg,P189,Ermakov
	2010SH12	NUCLEAR REACTIONS ^{70}Zn(^{18}O, 3np), E=75 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, DCO. ^{84}Rb; deduced levels, J, π, multipolarities, bands, configurations, kinematic moments of inertia. Total Routhian surface calculations. Comparison with projected shell-model calculations, and with structures of ^{80,82}Rb. JOUR PRVCA 82 014306
^{84}Nb	2008STZM	RADIOACTIVITY ^{84}Mo(EC)[from ^{124}Xe fragmentation on ^{9}Be target]; measured Eγ, Iγ, Eβ, Iβ, $\beta\gamma$-coin, (particle)γ-coin; deduced $T_{1/2}$. Results on CD only. CONF E.Lansing (NS2008),P179,Stoker
^{84}Mo	2008STZM	RADIOACTIVITY ^{84}Mo(EC)[from ^{124}Xe fragmentation on ^{9}Be target]; measured Eγ, Iγ, Eβ, Iβ, $\beta\gamma$-coin, (particle)γ-coin; deduced $T_{1/2}$. Results on CD only. CONF E.Lansing (NS2008),P179,Stoker

A=85

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

A=85 *(continued)*

^{85}Ge	2008WIZO	RADIOACTIVITY ^{76,77,78,79}Cu, ^{83,84,85}Ga(β^-); measured Eγ, Iγ, β-delayed neutron decay, (particle)γ-coin; deduced branching ratio. ^{76,77,78}Zn, ^{82,83}Ge deduced levels, J, π. A=82, 83, 84 deduced chain branching ratio. Results on CD only. CONF E.Lansing (NS2008),P194,Winger

A=86

^{86}Kr	2010NA13	ATOMIC MASSES ^{80,86,87,94,96,97}Kr; measured cyclotron frequencies and ratios; deduced mass excess, deformation. Penning-trap mass spectrometer at ISOLDE, CERN. JOUR PRLTA 105 032502
^{86}Rb	2010ERZZ	NUCLEAR REACTIONS ^{85}Rb(γ, n), (γ, 2n), (γ, 3n), (γ, 4n), ^{87}Rb(γ, n), (γ, 3n), (γ, 4n), (γ, 5n), E=67.7 MeV bremsstrahlung; measured relative yields with activation method. ^{86}Rb; deduced yield in (γ, n). ^{84}Rb; deduced yield in (γ, n)+(γ, 3n). ^{83}Rb; deduced yield in (γ, 2n)+(γ, 3n). ^{82}Rb; deduced yield in (γ, 3n)+(γ, 4n). ^{81}Rb; deduced yield in (γ, 4n)+(γ, 5n). CONF St.-Petersburg,P189,Ermakov
^{86}Sr	2010RU07	NUCLEAR REACTIONS ^{73}Ge(^{16}O, 2np), E=57 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (neutron)γ-coin using NE213 and HPGe detectors. ^{86,88}Y; deduced levels, J, π, μ, configurations, multipolarities, B(E1), B(E2), B(E3), B(M1), $T_{1/2}$. Comparison with shell model calculations. ^{85}Rb(^{3}He, 2n), (^{3}He, np), E not given; analyzed Eγ, Iγ, γ(H, θ, t). ^{86}Sr, ^{86}Y; deduced g-factor. JOUR ZAANE 44 31
^{86}Y	2010BEZV	NUCLEAR REACTIONS ^{90}Zr(γ, 2np)^{87}Y, ^{90}Zr(γ, 3np)^{86}Y, ^{91}Zr(γ, 3np)^{87}Y, ^{91}Zr(γ, 4np)^{86}Y, E=90 MeV bremsstrahlung; measured yields with activation method. ^{86,87}Y; deduced isomeric ratios Y_m / Y_g. CONF St.-Petersburg,P152,Bezshyyko
	2010RU07	NUCLEAR REACTIONS ^{73}Ge(^{16}O, 2np), E=57 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (neutron)γ-coin using NE213 and HPGe detectors. ^{86,88}Y; deduced levels, J, π, μ, configurations, multipolarities, B(E1), B(E2), B(E3), B(M1), $T_{1/2}$. Comparison with shell model calculations. ^{85}Rb(^{3}He, 2n), (^{3}He, np), E not given; analyzed Eγ, Iγ, γ(H, θ, t). ^{86}Sr, ^{86}Y; deduced g-factor. JOUR ZAANE 44 31

A=87

^{87}Ga	2010OH02	NUCLEAR REACTIONS Be, Pb(^{238}U, F), E=345 MeV / nucleon; measured yields of fission fragments. Z=20-56, A=52-152; measured yields. ^{71}Mn, ^{73,74}Fe, ^{76}Co, ^{79}Ni, ^{81,82}Cu, ^{84,85}Zn, ^{87}Ga, ^{90}Ge, ^{95}Se, ^{98}Br, ^{101}Kr, ^{103}Rb, ^{106,107}Sr, ^{108,109}Y, ^{111,112}Zr, ^{114,115}Nb, ^{115,116,117}Mo, ^{119,120}Tc, ^{121,122,123,124}Ru, ^{123,124,125,126}Rh, ^{127,128}Pd, ^{133}Cd, ^{138}Sn, ^{140}Sb, ^{143}Te, ^{145}I, ^{148}Xe, ^{152}Ba; measured yields and cross sections, identified new isotopes using RI beam factory at RIKEN, ΔE-TOF-Bρ method. JOUR JUPSA 79 073201
^{87}Kr	2010NA13	ATOMIC MASSES ^{80,86,87,94,96,97}Kr; measured cyclotron frequencies and ratios; deduced mass excess, deformation. Penning-trap mass spectrometer at ISOLDE, CERN. JOUR PRLTA 105 032502

A=87 *(continued)*

^{87}Y	2010BEZV	NUCLEAR REACTIONS ^{90}Zr(γ, 2np)^{87}Y, ^{90}Zr(γ, 3np)^{86}Y, ^{91}Zr(γ, 3np)^{87}Y, ^{91}Zr(γ, 4np)^{86}Y, E=90 MeV bremsstrahlung; measured yields with activation method. ^{86,87}Y; deduced isomeric ratios Y_m / Y_g. CONF St.-Petersburg,P152,Bezshyyko

A=88

^{88}Y	2010RA09	NUCLEAR REACTIONS ^{89}Y, ^{90}Zr, ^{93}Nb, ^{133}Cs, ^{197}Au(γ, n), ^{99}Tc(γ, 3n), E<32 MeV; measured Eγ, Iγ; deduced σ and uncertainties. Bremsstrahlung photons. JOUR JNSTA 47 618
	2010RU07	NUCLEAR REACTIONS ^{73}Ge(^{16}O, 2np), E=57 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (neutron)γ-coin using NE213 and HPGe detectors. ^{86,88}Y; deduced levels, J, π, μ, configurations, multipolarities, B(E1), B(E2), B(E3), B(M1), $T_{1/2}$. Comparison with shell model calculations. ^{85}Rb(^{3}He, 2n), (^{3}He, np), E not given; analyzed Eγ, Iγ, γ(H, θ, t). ^{86}Sr, ^{86}Y; deduced g-factor. JOUR ZAANE 44 31

A=89

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

A=90

^{90}Ge	2010OH02	NUCLEAR REACTIONS Be, Pb(^{238}U, F), E=345 MeV / nucleon; measured yields of fission fragments. Z=20-56, A=52-152; measured yields. ^{71}Mn, ^{73,74}Fe, ^{76}Co, ^{79}Ni, ^{81,82}Cu, ^{84,85}Zn, ^{87}Ga, ^{90}Ge, ^{95}Se, ^{98}Br, ^{101}Kr, ^{103}Rb, ^{106,107}Sr, ^{108,109}Y, ^{111,112}Zr, ^{114,115}Nb, ^{115,116,117}Mo, ^{119,120}Tc, ^{121,122,123,124}Ru, ^{123,124,125,126}Rh, ^{127,128}Pd, ^{133}Cd, ^{138}Sn, ^{140}Sb, ^{143}Te, ^{145}I, ^{148}Xe, ^{152}Ba; measured yields and cross sections, identified new isotopes using RI beam factory at RIKEN, ΔE-TOF-Bρ method. JOUR JUPSA 79 073201
^{90}Nb	2010ERZY	NUCLEAR REACTIONS Mo(γ, xnyp), E=67.7 MeV bremsstrahlung; measured yields with activation method in multiparticle photodisintegration. ^{90,99}Mo, ^{97,96,95,90,89}Nb, ^{89}Zr; deduced relative yields. CONF St.-Petersburg,P190,Ermakov
	2010LE13	NUCLEAR REACTIONS Mo(p, X)^{93}Tc / ^{94}Tc / ^{95}Tc / ^{96}Tc / ^{99}Tc / ^{90}Mo / ^{93}Mo / ^{99}Mo / ^{90}Nb / ^{92}Nb / ^{95}Nb / ^{96}Nb / ^{89}Zr / ^{62}Zn / ^{63}Zn / ^{65}Zn, E=8.4-37.1 MeV; measured reaction products, Eγ, Iγ; deduced yields, σ. JOUR ARISE 68 2355
^{90}Mo	2010ERZY	NUCLEAR REACTIONS Mo(γ, xnyp), E=67.7 MeV bremsstrahlung; measured yields with activation method in multiparticle photodisintegration. ^{90,99}Mo, ^{97,96,95,90,89}Nb, ^{89}Zr; deduced relative yields. CONF St.-Petersburg,P190,Ermakov
	2010LE13	NUCLEAR REACTIONS Mo(p, X)^{93}Tc / ^{94}Tc / ^{95}Tc / ^{96}Tc / ^{99}Tc / ^{90}Mo / ^{93}Mo / ^{99}Mo / ^{90}Nb / ^{92}Nb / ^{95}Nb / ^{96}Nb / ^{89}Zr / ^{62}Zn / ^{63}Zn / ^{65}Zn, E=8.4-37.1 MeV; measured reaction products, Eγ, Iγ; deduced yields, σ. JOUR ARISE 68 2355

A=91

No references found

A=92

^{92}Nb	2010EL04	NUCLEAR REACTIONS ^{60}Ni, ^{95}Mo(n, p), ^{92}Mo(n, α), ^{90}Zr(n, 2n), ^{54}Fe, ^{58}Ni, ^{92}Mo(n, p) E=fission spectrum; measured Eγ, Iγ; deduced σ; deduced lower values for experimental uncertainties vs. calculated. JOUR ARISE 68 2007
	2010LE13	NUCLEAR REACTIONS Mo(p, X)^{93}Tc / ^{94}Tc / ^{95}Tc / ^{96}Tc / ^{99}Tc / ^{90}Mo / ^{93}Mo / ^{99}Mo / ^{90}Nb / ^{92}Nb / ^{95}Nb / ^{96}Nb / ^{89}Zr / ^{62}Zn / ^{63}Zn / ^{65}Zn, E=8.4-37.1 MeV; measured reaction products, Eγ, Iγ; deduced yields, σ. JOUR ARISE 68 2355
	2010RA09	NUCLEAR REACTIONS ^{89}Y, ^{90}Zr, ^{93}Nb, ^{133}Cs, ^{197}Au(γ, n), ^{99}Tc(γ, 3n), E<32 MeV; measured Eγ, Iγ; deduced σ and uncertainties. Bremsstrahlung photons. JOUR JNSTA 47 618
^{92}Mo	2010GO15	NUCLEAR REACTIONS ^{92}Mo(n, n'γ), E not given; measured Eγ, Iγ; deduced level energies, yields, $\sigma(\theta)$. JOUR PANUE 73 1289

A=93

^{93}Mo	2010LE13	NUCLEAR REACTIONS Mo(p, X)^{93}Tc / ^{94}Tc / ^{95}Tc / ^{96}Tc / ^{99}Tc / ^{90}Mo / ^{93}Mo / ^{99}Mo / ^{90}Nb / ^{92}Nb / ^{95}Nb / ^{96}Nb / ^{89}Zr / ^{62}Zn / ^{63}Zn / ^{65}Zn, E=8.4-37.1 MeV; measured reaction products, Eγ, Iγ; deduced yields, σ. JOUR ARISE 68 2355
^{93}Tc	2010LE13	NUCLEAR REACTIONS Mo(p, X)^{93}Tc / ^{94}Tc / ^{95}Tc / ^{96}Tc / ^{99}Tc / ^{90}Mo / ^{93}Mo / ^{99}Mo / ^{90}Nb / ^{92}Nb / ^{95}Nb / ^{96}Nb / ^{89}Zr / ^{62}Zn / ^{63}Zn / ^{65}Zn, E=8.4-37.1 MeV; measured reaction products, Eγ, Iγ; deduced yields, σ. JOUR ARISE 68 2355

A=94

^{94}Kr	2010NA13	ATOMIC MASSES ^{80,86,87,94,96,97}Kr; measured cyclotron frequencies and ratios; deduced mass excess, deformation. Penning-trap mass spectrometer at ISOLDE, CERN. JOUR PRLTA 105 032502
^{94}Tc	2010LE13	NUCLEAR REACTIONS Mo(p, X)^{93}Tc / ^{94}Tc / ^{95}Tc / ^{96}Tc / ^{99}Tc / ^{90}Mo / ^{93}Mo / ^{99}Mo / ^{90}Nb / ^{92}Nb / ^{95}Nb / ^{96}Nb / ^{89}Zr / ^{62}Zn / ^{63}Zn / ^{65}Zn, E=8.4-37.1 MeV; measured reaction products, Eγ, Iγ; deduced yields, σ. JOUR ARISE 68 2355

A=95

^{95}Se	2010OH02	NUCLEAR REACTIONS Be, Pb(^{238}U, F), E=345 MeV / nucleon; measured yields of fission fragments. Z=20-56, A=52-152; measured yields. ^{71}Mn, ^{73,74}Fe, ^{76}Co, ^{79}Ni, ^{81,82}Cu, ^{84,85}Zn, ^{87}Ga, ^{90}Ge, ^{95}Se, ^{98}Br, ^{101}Kr, ^{103}Rb, ^{106,107}Sr, ^{108,109}Y, ^{111,112}Zr, ^{114,115}Nb, ^{115,116,117}Mo, ^{119,120}Tc, ^{121,122,123,124}Ru, ^{123,124,125,126}Rh, ^{127,128}Pd, ^{133}Cd, ^{138}Sn, ^{140}Sb, ^{143}Te, ^{145}I, ^{148}Xe, ^{152}Ba; measured yields and cross sections, identified new isotopes using RI beam factory at RIKEN, ΔE-TOF-Bρ method. JOUR JUPSA 79 073201
^{95}Nb	2010EL04	NUCLEAR REACTIONS ^{60}Ni, ^{95}Mo(n, p), ^{92}Mo(n, α), ^{90}Zr(n, 2n), ^{54}Fe, ^{58}Ni, ^{92}Mo(n, p) E=fission spectrum; measured Eγ, Iγ; deduced σ; deduced lower values for experimental uncertainties vs. calculated. JOUR ARISE 68 2007
	2010ERZY	NUCLEAR REACTIONS Mo(γ, xnyp), E=67.7 MeV bremsstrahlung; measured yields with activation method in multiparticle photodisintegration. ^{90,99}Mo, ^{97,96,95,90,89}Nb, ^{89}Zr; deduced relative yields. CONF St.-Petersburg,P190,Ermakov
	2010LE13	NUCLEAR REACTIONS Mo(p, X)^{93}Tc / ^{94}Tc / ^{95}Tc / ^{96}Tc / ^{99}Tc / ^{90}Mo / ^{93}Mo / ^{99}Mo / ^{90}Nb / ^{92}Nb / ^{95}Nb / ^{96}Nb / ^{89}Zr / ^{62}Zn / ^{63}Zn / ^{65}Zn, E=8.4-37.1 MeV; measured reaction products, Eγ, Iγ; deduced yields, σ. JOUR ARISE 68 2355
^{95}Tc	2010LE13	NUCLEAR REACTIONS Mo(p, X)^{93}Tc / ^{94}Tc / ^{95}Tc / ^{96}Tc / ^{99}Tc / ^{90}Mo / ^{93}Mo / ^{99}Mo / ^{90}Nb / ^{92}Nb / ^{95}Nb / ^{96}Nb / ^{89}Zr / ^{62}Zn / ^{63}Zn / ^{65}Zn, E=8.4-37.1 MeV; measured reaction products, Eγ, Iγ; deduced yields, σ. JOUR ARISE 68 2355

A=96

^{96}Kr	2010NA13	ATOMIC MASSES ^{80,86,87,94,96,97}Kr; measured cyclotron frequencies and ratios; deduced mass excess, deformation. Penning-trap mass spectrometer at ISOLDE, CERN. JOUR PRLTA 105 032502
^{96}Nb	2010ERZY	NUCLEAR REACTIONS Mo(γ, xnyp), E=67.7 MeV bremsstrahlung; measured yields with activation method in multiparticle photodisintegration. ^{90,99}Mo, ^{97,96,95,90,89}Nb, ^{89}Zr; deduced relative yields. CONF St.-Petersburg,P190,Ermakov
	2010LE13	NUCLEAR REACTIONS Mo(p, X)^{93}Tc / ^{94}Tc / ^{95}Tc / ^{96}Tc / ^{99}Tc / ^{90}Mo / ^{93}Mo / ^{99}Mo / ^{90}Nb / ^{92}Nb / ^{95}Nb / ^{96}Nb / ^{89}Zr / ^{62}Zn / ^{63}Zn / ^{65}Zn, E=8.4-37.1 MeV; measured reaction products, Eγ, Iγ; deduced yields, σ. JOUR ARISE 68 2355
^{96}Tc	2010LE13	NUCLEAR REACTIONS Mo(p, X)^{93}Tc / ^{94}Tc / ^{95}Tc / ^{96}Tc / ^{99}Tc / ^{90}Mo / ^{93}Mo / ^{99}Mo / ^{90}Nb / ^{92}Nb / ^{95}Nb / ^{96}Nb / ^{89}Zr / ^{62}Zn / ^{63}Zn / ^{65}Zn, E=8.4-37.1 MeV; measured reaction products, Eγ, Iγ; deduced yields, σ. JOUR ARISE 68 2355
	2010RA09	NUCLEAR REACTIONS ^{89}Y, ^{90}Zr, ^{93}Nb, ^{133}Cs, ^{197}Au(γ, n), ^{99}Tc(γ, 3n), E<32 MeV; measured Eγ, Iγ; deduced σ and uncertainties. Bremsstrahlung photons. JOUR JNSTA 47 618
^{96}Ru	2008STZK	NUCLEAR REACTIONS Cd(^{32}S, X), ^{110,111,112,113,114,115,116}Cd, E=95 MeV; measured E(particle), I(particle, θ); C(^{96}Ru, X), (^{98}Ru, X), (^{100}Ru, X), (^{102}Ru, X), (^{104}Ru, X), (^{102}Pd, X), (^{104}Pd, X), (^{106}Pd, X), (^{108}Pd, X), (^{110}Pd, X), (^{106}Cd, X), (^{108}Cd, X), (^{112}Cd, X), E≈240 MeV; measured Eγ, I$\gamma(\theta)$, $\gamma\gamma$-coin. ^{96,98,100,102,104}Ru, ^{102,104,106,108,110}Pd, ^{104,106,108,110,112,114}Cd deduced g factor, B(E2); calculated $\sigma(\theta)$, g factor, B(E2) using cranking model. Results on CD only. CONF E.Lansing (NS2008),P182,Stuchbery
^{96}Cd	2008BEZE	NUCLEAR REACTIONS ^{9}Be(^{112}Sn, X)^{96}Cd, E=112 MeV / nucleon; measured Eβ, Iβ(t), Eγ, Iγ, E(particle), I(particle), A(particle), Q(particle), (particle)β-coin. ^{96}Cd deduced $T_{1/2}$. Comparison with other Cd isotopes. Results on CD only. CONF E.Lansing (NS2008),P80,Becerril

A=97

^{97}Kr	2010NA13	ATOMIC MASSES ^{80,86,87,94,96,97}Kr; measured cyclotron frequencies and ratios; deduced mass excess, deformation. Penning-trap mass spectrometer at ISOLDE, CERN. JOUR PRLTA 105 032502
^{97}Nb	2010ERZY	NUCLEAR REACTIONS Mo(γ, xnyp), E=67.7 MeV bremsstrahlung; measured yields with activation method in multiparticle photodisintegration. ^{90,99}Mo, ^{97,96,95,90,89}Nb, ^{89}Zr; deduced relative yields. CONF St.-Petersburg,P190,Ermakov

A=98

^{98}Br	2010OH02	NUCLEAR REACTIONS Be, Pb(^{238}U, F), E=345 MeV / nucleon; measured yields of fission fragments. Z=20-56, A=52-152; measured yields. ^{71}Mn, ^{73,74}Fe, ^{76}Co, ^{79}Ni, ^{81,82}Cu, ^{84,85}Zn, ^{87}Ga, ^{90}Ge, ^{95}Se, ^{98}Br, ^{101}Kr, ^{103}Rb, ^{106,107}Sr, ^{108,109}Y, ^{111,112}Zr, ^{114,115}Nb, ^{115,116,117}Mo, ^{119,120}Tc, ^{121,122,123,124}Ru, ^{123,124,125,126}Rh, ^{127,128}Pd, ^{133}Cd, ^{138}Sn, ^{140}Sb, ^{143}Te, ^{145}I, ^{148}Xe, ^{152}Ba; measured yields and cross sections, identified new isotopes using RI beam factory at RIKEN, ΔE-TOF-Bρ method. JOUR JUPSA 79 073201
^{98}Tc	2010DI09	NUCLEAR REACTIONS ^{96}Zr(^{6}Li, 4n)^{98}Tc, E=35 MeV; measured Eγ, Iγ, γ-γ-coin.; deduced high-spin states, level scheme, J, π, energies, B(M1) / B(E2) ratios. JOUR CPLEE 27 072501
^{98}Ru	2008STZK	NUCLEAR REACTIONS Cd(^{32}S, X), ^{110,111,112,113,114,115,116}Cd, E=95 MeV; measured E(particle), I(particle, θ); C(^{96}Ru, X), (^{98}Ru, X), (^{100}Ru, X), (^{102}Ru, X), (^{104}Ru, X), (^{102}Pd, X), (^{104}Pd, X), (^{106}Pd, X), (^{108}Pd, X), (^{110}Pd, X), (^{106}Cd, X), (^{108}Cd, X), (^{112}Cd, X), E$\approx$240 MeV; measured Eγ, I$\gamma(\theta)$, $\gamma\gamma$-coin. ^{96,98,100,102,104}Ru, ^{102,104,106,108,110}Pd, ^{104,106,108,110,112,114}Cd deduced g factor, B(E2); calculated $\sigma(\theta)$, g factor, B(E2) using cranking model. Results on CD only. CONF E.Lansing (NS2008),P182,Stuchbery

A=99

^{99}Mo	2010AD13	NUCLEAR REACTIONS ^{232}Th(n, γ), (n, 2n), (n, F)^{99}Mo, ^{235,238}U(n, γ), (n, F)^{99}Mo / ^{132}Te / ^{133}I / ^{135}I / ^{135}Xe / ^{140}Ba / ^{143}Ce, E=thermal-1000 MeV [from ^{208}Pb(d, X), E=1.6 GeV spallation source]; measured Eγ, Iγ using HPGe detectors; deduced σ, reaction and transmutation rates. Comparison with simulations and TARC experimental data. JOUR ZAANE 43 159
	2010BU06	NUCLEAR REACTIONS ^{152}Sm, ^{165}Ho, ^{55}Mn, ^{98}Mo, ^{197}Au(n, γ), E=epithermal; measured Eγ, Iγ; deduced resonance energies. Comparison with theoretical calculations. JOUR NIMBE 268 2578
	2010ERZY	NUCLEAR REACTIONS Mo(γ, xnyp), E=67.7 MeV bremsstrahlung; measured yields with activation method in multiparticle photodisintegration. ^{90,99}Mo, ^{97,96,95,90,89}Nb, ^{89}Zr; deduced relative yields. CONF St.-Petersburg,P190,Ermakov
	2010LE13	NUCLEAR REACTIONS Mo(p, X)^{93}Tc / ^{94}Tc / ^{95}Tc / ^{96}Tc / ^{99}Tc / ^{90}Mo / ^{93}Mo / ^{99}Mo / ^{90}Nb / ^{92}Nb / ^{95}Nb / ^{96}Nb / ^{89}Zr / ^{62}Zn / ^{63}Zn / ^{65}Zn, E=8.4-37.1 MeV; measured reaction products, Eγ, Iγ; deduced yields, σ. JOUR ARISE 68 2355
^{99}Tc	2010LE13	NUCLEAR REACTIONS Mo(p, X)^{93}Tc / ^{94}Tc / ^{95}Tc / ^{96}Tc / ^{99}Tc / ^{90}Mo / ^{93}Mo / ^{99}Mo / ^{90}Nb / ^{92}Nb / ^{95}Nb / ^{96}Nb / ^{89}Zr / ^{62}Zn / ^{63}Zn / ^{65}Zn, E=8.4-37.1 MeV; measured reaction products, Eγ, Iγ; deduced yields, σ. JOUR ARISE 68 2355

A=100

^{100}Ru	2008STZK	NUCLEAR REACTIONS Cd(^{32}S, X), ^{110,111,112,113,114,115,116}Cd, E=95 MeV; measured E(particle), I(particle, θ); C(^{96}Ru, X), (^{98}Ru, X), (^{100}Ru, X), (^{102}Ru, X), (^{104}Ru, X), (^{102}Pd, X), (^{104}Pd, X), (^{106}Pd, X), (^{108}Pd, X), (^{110}Pd, X), (^{106}Cd, X), (^{108}Cd, X), (^{112}Cd, X), E≈240 MeV; measured Eγ, Iγ(θ), $\gamma\gamma$-coin. ^{96,98,100,102,104}Ru, ^{102,104,106,108,110}Pd, ^{104,106,108,110,112,114}Cd deduced g factor, B(E2); calculated $\sigma(\theta)$, g factor, B(E2) using cranking model. Results on CD only. CONF E.Lansing (NS2008),P182,Stuchbery
^{100}Pd	2008WIZQ	NUCLEAR REACTIONS ^{102,104,106,108}Pd(p, t), E=25 MeV; measured E(particle), I(particle, θ), Eγ, Iγ, (particle)γ-coin; deduced d$\sigma(\theta)$, E, J, π; calculated d$\sigma(\theta)$, E, J, π using DWUCK4. Results on CD only. CONF E.Lansing (NS2008),P61,Winkler

A=101

^{101}Kr	2010OH02	NUCLEAR REACTIONS Be, Pb(^{238}U, F), E=345 MeV / nucleon; measured yields of fission fragments. Z=20-56, A=52-152; measured yields. ^{71}Mn, ^{73,74}Fe, ^{76}Co, ^{79}Ni, ^{81,82}Cu, ^{84,85}Zn, ^{87}Ga, ^{90}Ge, ^{95}Se, ^{98}Br, ^{101}Kr, ^{103}Rb, ^{106,107}Sr, ^{108,109}Y, ^{111,112}Zr, ^{114,115}Nb, ^{115,116,117}Mo, ^{119,120}Tc, ^{121,122,123,124}Ru, ^{123,124,125,126}Rh, ^{127,128}Pd, ^{133}Cd, ^{138}Sn, ^{140}Sb, ^{143}Te, ^{145}I, ^{148}Xe, ^{152}Ba; measured yields and cross sections, identified new isotopes using RI beam factory at RIKEN, ΔE-TOF-Bρ method. JOUR JUPSA 79 073201
^{101}Nb	2010RZ01	RADIOACTIVITY ^{248}Cm(SF); measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$ using EUROGAM2 array. ^{145}Cs; deduced levels, J, π, multipolarities, bands, configurations, electric dipole moment D_0. ^{101,102}Nb; measured Eγ. Comparison with quasiparticle-rotor model calculations. Z=54-64, N=84-92; systematics of D_0 parameter for even nuclei of even neutron number. JOUR PRVCA 82 017301
^{101}Rh	2010BEZU	NUCLEAR REACTIONS ^{102,106,108}Pd(γ, p), E=30 MeV bremsstrahlung; ^{102,110}Pd(γ, n), E=30 MeV bremsstrahlung; measured yield with activation method; ^{101,109}Pd, ^{101,105,107}Rh; deduced yields, isomeric ratios Y_m / Y_g. CONF St.-Petersburg,P155,Belyshev
^{101}Pd	2010BEZU	NUCLEAR REACTIONS ^{102,106,108}Pd(γ, p), E=30 MeV bremsstrahlung; ^{102,110}Pd(γ, n), E=30 MeV bremsstrahlung; measured yield with activation method; ^{101,109}Pd, ^{101,105,107}Rh; deduced yields, isomeric ratios Y_m / Y_g. CONF St.-Petersburg,P155,Belyshev

A=102

^{102}Nb	2010RZ01	RADIOACTIVITY ^{248}Cm(SF); measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$ using EUROGAM2 array. ^{145}Cs; deduced levels, J, π, multipolarities, bands, configurations, electric dipole moment D_0. ^{101,102}Nb; measured Eγ. Comparison with quasiparticle-rotor model calculations. Z=54-64, N=84-92; systematics of D_0 parameter for even nuclei of even neutron number. JOUR PRVCA 82 017301

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

^{102}Mo	2009YA26	RADIOACTIVITY ^{252}Cf(SF); ^{102}Mo; measured Eγ, Iγ, γ-γ-coin.; deduced high-spin states, level scheme, J, π, bands. Systematic comparison with experimental data. JOUR CPCHC 33 s01 199
^{102}Ru	2008STZK	NUCLEAR REACTIONS Cd(^{32}S, X), ^{110,111,112,113,114,115,116}Cd, E=95 MeV; measured E(particle), I(particle, θ); C(^{96}Ru, X), (^{98}Ru, X), (^{100}Ru, X), (^{102}Ru, X), (^{104}Ru, X), (^{102}Pd, X), (^{104}Pd, X), (^{106}Pd, X), (^{108}Pd, X), (^{110}Pd, X), (^{106}Cd, X), (^{108}Cd, X), (^{112}Cd, X), E≈240 MeV; measured Eγ, I$\gamma(\theta)$, $\gamma\gamma$-coin. ^{96,98,100,102,104}Ru, ^{102,104,106,108,110}Pd, ^{104,106,108,110,112,114}Cd deduced g factor, B(E2); calculated $\sigma(\theta)$, g factor, B(E2) using cranking model. Results on CD only. CONF E.Lansing (NS2008),P182,Stuchbery
^{102}Pd	2008STZK	NUCLEAR REACTIONS Cd(^{32}S, X), ^{110,111,112,113,114,115,116}Cd, E=95 MeV; measured E(particle), I(particle, θ); C(^{96}Ru, X), (^{98}Ru, X), (^{100}Ru, X), (^{102}Ru, X), (^{104}Ru, X), (^{102}Pd, X), (^{104}Pd, X), (^{106}Pd, X), (^{108}Pd, X), (^{110}Pd, X), (^{106}Cd, X), (^{108}Cd, X), (^{112}Cd, X), E≈240 MeV; measured Eγ, I$\gamma(\theta)$, $\gamma\gamma$-coin. ^{96,98,100,102,104}Ru, ^{102,104,106,108,110}Pd, ^{104,106,108,110,112,114}Cd deduced g factor, B(E2); calculated $\sigma(\theta)$, g factor, B(E2) using cranking model. Results on CD only. CONF E.Lansing (NS2008),P182,Stuchbery
	2008WIZQ	NUCLEAR REACTIONS ^{102,104,106,108}Pd(p, t), E=25 MeV; measured E(particle), I(particle, θ), Eγ, Iγ, (particle)γ-coin; deduced d$\sigma(\theta)$, E, J, π; calculated d$\sigma(\theta)$, E, J, π using DWUCK4. Results on CD only. CONF E.Lansing (NS2008),P61,Winkler

A=103

^{103}Rb	2010OH02	NUCLEAR REACTIONS Be, Pb(^{238}U, F), E=345 MeV / nucleon; measured yields of fission fragments. Z=20-56, A=52-152; measured yields. ^{71}Mn, ^{73,74}Fe, ^{76}Co, ^{79}Ni, ^{81,82}Cu, ^{84,85}Zn, ^{87}Ga, ^{90}Ge, ^{95}Se, ^{98}Br, ^{101}Kr, ^{103}Rb, ^{106,107}Sr, ^{108,109}Y, ^{111,112}Zr, ^{114,115}Nb, ^{115,116,117}Mo, ^{119,120}Tc, ^{121,122,123,124}Ru, ^{123,124,125,126}Rh, ^{127,128}Pd, ^{133}Cd, ^{138}Sn, ^{140}Sb, ^{143}Te, ^{145}I, ^{148}Xe, ^{152}Ba; measured yields and cross sections, identified new isotopes using RI beam factory at RIKEN, ΔE-TOF-Bρ method. JOUR JUPSA 79 073201
^{103}Nb	2010WA26	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{103}Nb, ^{105}Mo, ^{107}Tc; deduced levels, J, π, high-spin states, 2γ-vibrational bands. JOUR NUPAB 834 94c

A=104

^{104}Nb	2009WA31	RADIOACTIVITY ^{252}Cf(SF); ^{104}Nb; measured Eγ, Iγ, γ-γ-coin.; deduced high-spin states, level scheme, J, π, rotational bands. Comparison with experimental data. JOUR CPCHC 33 s01 158

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

^{104}Ru	2008STZK	NUCLEAR REACTIONS Cd(^{32}S, X), ^{110,111,112,113,114,115,116}Cd, E=95 MeV; measured E(particle), I(particle, θ); C(^{96}Ru, X), (^{98}Ru, X), (^{100}Ru, X), (^{102}Ru, X), (^{104}Ru, X), (^{102}Pd, X), (^{104}Pd, X), (^{106}Pd, X), (^{108}Pd, X), (^{110}Pd, X), (^{106}Cd, X), (^{108}Cd, X), (^{112}Cd, X), E≈240 MeV; measured Eγ, Iγ(θ), $\gamma\gamma$-coin. ^{96,98,100,102,104}Ru, ^{102,104,106,108,110}Pd, ^{104,106,108,110,112,114}Cd deduced g factor, B(E2); calculated $\sigma(\theta)$, g factor, B(E2) using cranking model. Results on CD only. CONF E.Lansing (NS2008),P182,Stuchbery
^{104}Pd	2008STZK	NUCLEAR REACTIONS Cd(^{32}S, X), ^{110,111,112,113,114,115,116}Cd, E=95 MeV; measured E(particle), I(particle, θ); C(^{96}Ru, X), (^{98}Ru, X), (^{100}Ru, X), (^{102}Ru, X), (^{104}Ru, X), (^{102}Pd, X), (^{104}Pd, X), (^{106}Pd, X), (^{108}Pd, X), (^{110}Pd, X), (^{106}Cd, X), (^{108}Cd, X), (^{112}Cd, X), E≈240 MeV; measured Eγ, Iγ(θ), $\gamma\gamma$-coin. ^{96,98,100,102,104}Ru, ^{102,104,106,108,110}Pd, ^{104,106,108,110,112,114}Cd deduced g factor, B(E2); calculated $\sigma(\theta)$, g factor, B(E2) using cranking model. Results on CD only. CONF E.Lansing (NS2008),P182,Stuchbery
	2008WIZQ	NUCLEAR REACTIONS ^{102,104,106,108}Pd(p, t), E=25 MeV; measured E(particle), I(particle, θ), Eγ, Iγ, (particle)γ-coin; deduced d$\sigma(\theta)$, E, J, π; calculated d$\sigma(\theta)$, E, J, π using DWUCK4. Results on CD only. CONF E.Lansing (NS2008),P61,Winkler
^{104}Ag	2010BEZW	NUCLEAR REACTIONS ^{107}Ag(γ, 3n)^{104}Ag, ^{113}In(γ, 3n)^{110}In, ^{109}Ag(γ, 5n)^{104}Ag, ^{115}In(γ, 5n)^{110}In, ^{115}In(γ, 7n)^{108}In, E=34-90 MeV bremsstrahlung; measured yields with activation method. ^{104}Ag, ^{110,108}In; deduced isomeric ratios Y_m / Y_g vs Eγ. CONF St.-Petersburg,P151,Bezshyyko
^{104}Cd	2008STZK	NUCLEAR REACTIONS Cd(^{32}S, X), ^{110,111,112,113,114,115,116}Cd, E=95 MeV; measured E(particle), I(particle, θ); C(^{96}Ru, X), (^{98}Ru, X), (^{100}Ru, X), (^{102}Ru, X), (^{104}Ru, X), (^{102}Pd, X), (^{104}Pd, X), (^{106}Pd, X), (^{108}Pd, X), (^{110}Pd, X), (^{106}Cd, X), (^{108}Cd, X), (^{112}Cd, X), E≈240 MeV; measured Eγ, Iγ(θ), $\gamma\gamma$-coin. ^{96,98,100,102,104}Ru, ^{102,104,106,108,110}Pd, ^{104,106,108,110,112,114}Cd deduced g factor, B(E2); calculated $\sigma(\theta)$, g factor, B(E2) using cranking model. Results on CD only. CONF E.Lansing (NS2008),P182,Stuchbery

A=105

^{105}Mo	2010WA26	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{103}Nb, ^{105}Mo, ^{107}Tc; deduced levels, J, π, high-spin states, 2γ-vibrational bands. JOUR NUPAB 834 94c
^{105}Rh	2010BEZU	NUCLEAR REACTIONS ^{102,106,108}Pd(γ, p), E=30 MeV bremsstrahlung; ^{102,110}Pd(γ, n), E=30 MeV bremsstrahlung; measured yield with activation method; ^{101,109}Pd, ^{101,105,107}Rh; deduced yields, isomeric ratios Y_m / Y_g. CONF St.-Petersburg,P155,Belyshev

A=106

^{106}Sr	2010OH02	NUCLEAR REACTIONS Be, Pb(^{238}U, F), E=345 MeV / nucleon; measured yields of fission fragments. Z=20-56, A=52-152; measured yields. ^{71}Mn, ^{73,74}Fe, ^{76}Co, ^{79}Ni, ^{81,82}Cu, ^{84,85}Zn, ^{87}Ga, ^{90}Ge, ^{95}Se, ^{98}Br, ^{101}Kr, ^{103}Rb, ^{106,107}Sr, ^{108,109}Y, ^{111,112}Zr, ^{114,115}Nb, ^{115,116,117}Mo, ^{119,120}Tc, ^{121,122,123,124}Ru, ^{123,124,125,126}Rh, ^{127,128}Pd, ^{133}Cd, ^{138}Sn, ^{140}Sb, ^{143}Te, ^{145}I, ^{148}Xe, ^{152}Ba; measured yields and cross sections, identified new isotopes using RI beam factory at RIKEN, ΔE-TOF-Bρ method. JOUR JUPSA 79 073201
^{106}Mo	2009ZH50	RADIOACTIVITY ^{252}Cf(SF); ^{106}Mo, ^{110,112}Ru; measured Eγ, Iγ, γ-γ-coin.; deduced high-spin states, chiral doublet vibrational bands, J, π, energies, B(E2) / B(M1), branching ratios. 3D-Tilted Axis Cranking (TAC) calculations. JOUR CPCHC 33 s01 145
^{106}Tc	2009GU32	RADIOACTIVITY ^{252}Cf(SF); ^{106}Tc; measured Eγ, Iγ, γ-γ-coin.; deduced high-spin states, level scheme, J, π, collective bands. Total Routhian surface (TRS) calculations. JOUR CPCHC 33 s01 182
^{106}Pd	2008STZK	NUCLEAR REACTIONS Cd(^{32}S, X), ^{110,111,112,113,114,115,116}Cd, E=95 MeV; measured E(particle), I(particle, θ); C(^{96}Ru, X), (^{98}Ru, X), (^{100}Ru, X), (^{102}Ru, X), (^{104}Ru, X), (^{102}Pd, X), (^{104}Pd, X), (^{106}Pd, X), (^{108}Pd, X), (^{110}Pd, X), (^{106}Cd, X), (^{108}Cd, X), (^{112}Cd, X), E$\approx$240 MeV; measured Eγ, I$\gamma(\theta)$, $\gamma\gamma$-coin. ^{96,98,100,102,104}Ru, ^{102,104,106,108,110}Pd, ^{104,106,108,110,112,114}Cd deduced g factor, B(E2); calculated $\sigma(\theta)$, g factor, B(E2) using cranking model. Results on CD only. CONF E.Lansing (NS2008),P182,Stuchbery
	2008WIZQ	NUCLEAR REACTIONS ^{102,104,106,108}Pd(p, t), E=25 MeV; measured E(particle), I(particle, θ), Eγ, Iγ, (particle)γ-coin; deduced d$\sigma(\theta)$, E, J, π; calculated d$\sigma(\theta)$, E, J, π using DWUCK4. Results on CD only. CONF E.Lansing (NS2008),P61,Winkler
	2010RUZZ	RADIOACTIVITY ^{106}Cd(2EC); measured $T_{1/2}$ 2ν- and 0ν-$\beta\beta$-decay lower limits. TGV-experiment, 32 HPGe-telescope. CONF St.-Petersburg,P101,Rukhadze
^{106}Ag	2010PA19	NUCLEAR REACTIONS ^{78}Se(^{32}S, 3np), E=125 MeV; measured Eγ, I$\gamma(\theta)$. ^{106}In; deduced levels, J, π, mixing ratio, bands, DCO matrix. ^{106}In, ^{106,108}Ag calculated levels, J, π, deformation, B(M1), B(E2) using projected deformed HF. JOUR NUPAB 834 81c
^{106}Cd	2008STZK	NUCLEAR REACTIONS Cd(^{32}S, X), ^{110,111,112,113,114,115,116}Cd, E=95 MeV; measured E(particle), I(particle, θ); C(^{96}Ru, X), (^{98}Ru, X), (^{100}Ru, X), (^{102}Ru, X), (^{104}Ru, X), (^{102}Pd, X), (^{104}Pd, X), (^{106}Pd, X), (^{108}Pd, X), (^{110}Pd, X), (^{106}Cd, X), (^{108}Cd, X), (^{112}Cd, X), E$\approx$240 MeV; measured Eγ, I$\gamma(\theta)$, $\gamma\gamma$-coin. ^{96,98,100,102,104}Ru, ^{102,104,106,108,110}Pd, ^{104,106,108,110,112,114}Cd deduced g factor, B(E2); calculated $\sigma(\theta)$, g factor, B(E2) using cranking model. Results on CD only. CONF E.Lansing (NS2008),P182,Stuchbery
	2010RU04	RADIOACTIVITY ^{106}Cd(2β); measured Eγ, Iγ; deduced $T_{1/2}$. JOUR BRSPE 74 821
	2010RUZZ	RADIOACTIVITY ^{106}Cd(2EC); measured $T_{1/2}$ 2ν- and 0ν-$\beta\beta$-decay lower limits. TGV-experiment, 32 HPGe-telescope. CONF St.-Petersburg,P101,Rukhadze

A=106 *(continued)*

^{106}In	2010PA19	NUCLEAR REACTIONS ^{78}Se(^{32}S, 3np), E=125 MeV; measured Eγ, I$\gamma(\theta)$. ^{106}In; deduced levels, J, π, mixing ratio, bands, DCO matrix. ^{106}In, ^{106,108}Ag calculated levels, J, π, deformation, B(M1), B(E2) using projected deformed HF. JOUR NUPAB 834 81c

A=107

^{107}Sr	2010OH02	NUCLEAR REACTIONS Be, Pb(^{238}U, F), E=345 MeV / nucleon; measured yields of fission fragments. Z=20-56, A=52-152; measured yields. ^{71}Mn, ^{73,74}Fe, ^{76}Co, ^{79}Ni, ^{81,82}Cu, ^{84,85}Zn, ^{87}Ga, ^{90}Ge, ^{95}Se, ^{98}Br, ^{101}Kr, ^{103}Rb, ^{106,107}Sr, ^{108,109}Y, ^{111,112}Zr, ^{114,115}Nb, ^{115,116,117}Mo, ^{119,120}Tc, ^{121,122,123,124}Ru, ^{123,124,125,126}Rh, ^{127,128}Pd, ^{133}Cd, ^{138}Sn, ^{140}Sb, ^{143}Te, ^{145}I, ^{148}Xe, ^{152}Ba; measured yields and cross sections, identified new isotopes using RI beam factory at RIKEN, ΔE-TOF-Bρ method. JOUR JUPSA 79 073201
^{107}Tc	2010WA26	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{103}Nb, ^{105}Mo, ^{107}Tc; deduced levels, J, π, high-spin states, 2γ-vibrational bands. JOUR NUPAB 834 94c
^{107}Rh	2010BEZU	NUCLEAR REACTIONS ^{102,106,108}Pd(γ, p), E=30 MeV bremsstrahlung; ^{102,110}Pd(γ, n), E=30 MeV bremsstrahlung; measured yield with activation method; ^{101,109}Pd, ^{101,105,107}Rh; deduced yields, isomeric ratios Y_m / Y_g. CONF St.-Petersburg,P155,Belyshev
^{107}In	2010SI14	NUCLEAR REACTIONS ^{78}Se(^{32}S, 2np), E=125 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular distributions, DCO ratios, polarization. ^{107}In; deduced levels, J, π, bands, configurations, B(M1), B(E2). Comparison with projected Hartree-Fock calculations. JOUR ZAANE 43 45

A=108

^{108}Y	2010OH02	NUCLEAR REACTIONS Be, Pb(^{238}U, F), E=345 MeV / nucleon; measured yields of fission fragments. Z=20-56, A=52-152; measured yields. ^{71}Mn, ^{73,74}Fe, ^{76}Co, ^{79}Ni, ^{81,82}Cu, ^{84,85}Zn, ^{87}Ga, ^{90}Ge, ^{95}Se, ^{98}Br, ^{101}Kr, ^{103}Rb, ^{106,107}Sr, ^{108,109}Y, ^{111,112}Zr, ^{114,115}Nb, ^{115,116,117}Mo, ^{119,120}Tc, ^{121,122,123,124}Ru, ^{123,124,125,126}Rh, ^{127,128}Pd, ^{133}Cd, ^{138}Sn, ^{140}Sb, ^{143}Te, ^{145}I, ^{148}Xe, ^{152}Ba; measured yields and cross sections, identified new isotopes using RI beam factory at RIKEN, ΔE-TOF-Bρ method. JOUR JUPSA 79 073201
^{108}Pd	2008STZK	NUCLEAR REACTIONS Cd(^{32}S, X), ^{110,111,112,113,114,115,116}Cd, E=95 MeV; measured E(particle), I(particle, θ); C(^{96}Ru, X), (^{98}Ru, X), (^{100}Ru, X), (^{102}Ru, X), (^{104}Ru, X), (^{102}Pd, X), (^{104}Pd, X), (^{106}Pd, X), (^{108}Pd, X), (^{110}Pd, X), (^{106}Cd, X), (^{108}Cd, X), (^{112}Cd, X), E$\approx$240 MeV; measured Eγ, I$\gamma(\theta)$, $\gamma\gamma$-coin. ^{96,98,100,102,104}Ru, ^{102,104,106,108,110}Pd, ^{104,106,108,110,112,114}Cd deduced g factor, B(E2); calculated $\sigma(\theta)$, g factor, B(E2) using cranking model. Results on CD only. CONF E.Lansing (NS2008),P182,Stuchbery

A=108 *(continued)*

^{108}Ag	2010PA19	NUCLEAR REACTIONS ^{78}Se(^{32}S, 3np), E=125 MeV; measured Eγ, I$\gamma(\theta)$. ^{106}In; deduced levels, J, π, mixing ratio, bands, DCO matrix. ^{106}In, ^{106,108}Ag calculated levels, J, π, deformation, B(M1), B(E2) using projected deformed HF. JOUR NUPAB 834 81c
^{108}Cd	2008STZK	NUCLEAR REACTIONS Cd(^{32}S, X), ^{110,111,112,113,114,115,116}Cd, E=95 MeV; measured E(particle), I(particle, θ); C(^{96}Ru, X), (^{98}Ru, X), (^{100}Ru, X), (^{102}Ru, X), (^{104}Ru, X), (^{102}Pd, X), (^{104}Pd, X), (^{106}Pd, X), (^{108}Pd, X), (^{110}Pd, X), (^{106}Cd, X), (^{108}Cd, X), (^{112}Cd, X), E≈240 MeV; measured Eγ, I$\gamma(\theta)$, $\gamma\gamma$-coin. ^{96,98,100,102,104}Ru, ^{102,104,106,108,110}Pd, ^{104,106,108,110,112,114}Cd deduced g factor, B(E2); calculated $\sigma(\theta)$, g factor, B(E2) using cranking model. Results on CD only. CONF E.Lansing (NS2008),P182,Stuchbery
^{108}In	2010BEZW	NUCLEAR REACTIONS ^{107}Ag(γ, 3n)^{104}Ag, ^{113}In(γ, 3n)^{110}In, ^{109}Ag(γ, 5n)^{104}Ag, ^{115}In(γ, 5n)^{110}In, ^{115}In(γ, 7n)^{108}In, E=34-90 MeV bremsstrahlung; measured yields with activation method. ^{104}Ag, ^{110,108}In; deduced isomeric ratios Y_m / Y_g vs Eγ. CONF St.-Petersburg,P151,Bezshyyko

A=109

^{109}Y	2010OH02	NUCLEAR REACTIONS Be, Pb(^{238}U, F), E=345 MeV / nucleon; measured yields of fission fragments. Z=20-56, A=52-152; measured yields. ^{71}Mn, ^{73,74}Fe, ^{76}Co, ^{79}Ni, ^{81,82}Cu, ^{84,85}Zn, ^{87}Ga, ^{90}Ge, ^{95}Se, ^{98}Br, ^{101}Kr, ^{103}Rb, ^{106,107}Sr, ^{108,109}Y, ^{111,112}Zr, ^{114,115}Nb, ^{115,116,117}Mo, ^{119,120}Tc, ^{121,122,123,124}Ru, ^{123,124,125,126}Rh, ^{127,128}Pd, ^{133}Cd, ^{138}Sn, ^{140}Sb, ^{143}Te, ^{145}I, ^{148}Xe, ^{152}Ba; measured yields and cross sections, identified new isotopes using RI beam factory at RIKEN, ΔE-TOF-Bρ method. JOUR JUPSA 79 073201
^{109}Ru	2009DI12	RADIOACTIVITY ^{252}Cf(SF); ^{109}Ru; measured Eγ, Iγ, γ-γ-coin.; deduced high-spin states, level scheme, ground state and negative and positive parity bands. JOUR CPCHC 33 s01 154
^{109}Pd	2010BEZU	NUCLEAR REACTIONS ^{102,106,108}Pd(γ, p), E=30 MeV bremsstrahlung; ^{102,110}Pd(γ, n), E=30 MeV bremsstrahlung; measured yield with activation method; ^{101,109}Pd, ^{101,105,107}Rh; deduced yields, isomeric ratios Y_m / Y_g. CONF St.-Petersburg,P155,Belyshev
^{109}Ag	2009VA16	NUCLEAR REACTIONS ^{109}Ag(^{61}Mn, ^{61}Mn'), (^{61}Fe, ^{61}Fe'), E=2.87 MeV / nucleon; measured Eγ, Iγ following Coulomb excitation at the REX-ISOLDE facility and in-trap decay. ^{61}Mn, ^{61}Fe; deduced levels $T_{1/2}$, B(E2), B(M1). Comparison with large-scale shell model calculations. JOUR ZAANE 42 401

A=110

^{110}Ru	2009ZH50	RADIOACTIVITY ^{252}Cf(SF); ^{106}Mo, ^{110,112}Ru; measured Eγ, Iγ, γ-γ-coin.; deduced high-spin states, chiral doublet vibrational bands, J, π, energies, B(E2) / B(M1), branching ratios. 3D-Tilted Axis Cranking (TAC) calculations. JOUR CPCHC 33 s01 145

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

^{110}Pd	2008SCZP	NUCLEAR REACTIONS Ti(^{21}Na, ^{21}Na'), E=1.7 MeV / nucleon; Ti(^{21}Ne, ^{21}Ne'), E=1.7 MeV / nucleon; Ti(^{20}Na, ^{20}Na'), E≈1.7 MeV / nucleon; ^{110}Pd(^{29}Na, ^{29}Na'), E=70 MeV; measured Coulomb excitation Eγ, Iγ(θ), γγ-coin, I(particle, θ), (particle)γ-coin; deduced E, J, π, γ yields, B(E2), quadrupole moments, mixing ratio; calculated B(E2), γ yields. Results on CD only. CONF E.Lansing (NS2008),P54,Schumaker
	2008STZK	NUCLEAR REACTIONS Cd(^{32}S, X), ^{110,111,112,113,114,115,116}Cd, E=95 MeV; measured E(particle), I(particle, θ); C(^{96}Ru, X), (^{98}Ru, X), (^{100}Ru, X), (^{102}Ru, X), (^{104}Ru, X), (^{102}Pd, X), (^{104}Pd, X), (^{106}Pd, X), (^{108}Pd, X), (^{110}Pd, X), (^{106}Cd, X), (^{108}Cd, X), (^{112}Cd, X), E≈240 MeV; measured Eγ, Iγ(θ), γγ-coin. ^{96,98,100,102,104}Ru, ^{102,104,106,108,110}Pd, ^{104,106,108,110,112,114}Cd deduced g factor, B(E2); calculated $\sigma(\theta)$, g factor, B(E2) using cranking model. Results on CD only. CONF E.Lansing (NS2008),P182,Stuchbery
^{110}Cd	2008STZK	NUCLEAR REACTIONS Cd(^{32}S, X), ^{110,111,112,113,114,115,116}Cd, E=95 MeV; measured E(particle), I(particle, θ); C(^{96}Ru, X), (^{98}Ru, X), (^{100}Ru, X), (^{102}Ru, X), (^{104}Ru, X), (^{102}Pd, X), (^{104}Pd, X), (^{106}Pd, X), (^{108}Pd, X), (^{110}Pd, X), (^{106}Cd, X), (^{108}Cd, X), (^{112}Cd, X), E≈240 MeV; measured Eγ, Iγ(θ), γγ-coin. ^{96,98,100,102,104}Ru, ^{102,104,106,108,110}Pd, ^{104,106,108,110,112,114}Cd deduced g factor, B(E2); calculated $\sigma(\theta)$, g factor, B(E2) using cranking model. Results on CD only. CONF E.Lansing (NS2008),P182,Stuchbery
^{110}In	2010BEZW	NUCLEAR REACTIONS ^{107}Ag(γ, 3n)^{104}Ag, ^{113}In(γ, 3n)^{110}In, ^{109}Ag(γ, 5n)^{104}Ag, ^{115}In(γ, 5n)^{110}In, ^{115}In(γ, 7n)^{108}In, E=34-90 MeV bremsstrahlung; measured yields with activation method. ^{104}Ag, ^{110,108}In; deduced isomeric ratios Y_m / Y_g vs Eγ. CONF St.-Petersburg,P151,Bezshyyko

A=111

^{111}Zr	2010OH02	NUCLEAR REACTIONS Be, Pb(^{238}U, F), E=345 MeV / nucleon; measured yields of fission fragments. Z=20-56, A=52-152; measured yields. ^{71}Mn, ^{73,74}Fe, ^{76}Co, ^{79}Ni, ^{81,82}Cu, ^{84,85}Zn, ^{87}Ga, ^{90}Ge, ^{95}Se, ^{98}Br, ^{101}Kr, ^{103}Rb, ^{106,107}Sr, ^{108,109}Y, ^{111,112}Zr, ^{114,115}Nb, ^{115,116,117}Mo, ^{119,120}Tc, ^{121,122,123,124}Ru, ^{123,124,125,126}Rh, ^{127,128}Pd, ^{133}Cd, ^{138}Sn, ^{140}Sb, ^{143}Te, ^{145}I, ^{148}Xe, ^{152}Ba; measured yields and cross sections, identified new isotopes using RI beam factory at RIKEN, ΔE-TOF-Bρ method. JOUR JUPSA 79 073201
^{111}In	2010PAZX	NUCLEAR REACTIONS ^{113}In(γ, n), (γ, 2n), Eγ=33, 34, 35 MeV bremsstrahlung; measured isomeric yield ratios with activation method. ^{111m,g,112m,g}In; deduced Y_m / Y_g vs Eγ. CONF St.-Petersburg,P187,Palvanov

A=112

^{112}Zr	2010OH02	NUCLEAR REACTIONS Be, Pb(^{238}U, F), E=345 MeV / nucleon; measured yields of fission fragments. Z=20-56, A=52-152; measured yields. ^{71}Mn, ^{73,74}Fe, ^{76}Co, ^{79}Ni, ^{81,82}Cu, ^{84,85}Zn, ^{87}Ga, ^{90}Ge, ^{95}Se, ^{98}Br, ^{101}Kr, ^{103}Rb, ^{106,107}Sr, ^{108,109}Y, ^{111,112}Zr, ^{114,115}Nb, ^{115,116,117}Mo, ^{119,120}Tc, ^{121,122,123,124}Ru, ^{123,124,125,126}Rh, ^{127,128}Pd, ^{133}Cd, ^{138}Sn, ^{140}Sb, ^{143}Te, ^{145}I, ^{148}Xe, ^{152}Ba; measured yields and cross sections, identified new isotopes using RI beam factory at RIKEN, ΔE-TOF-Bρ method. JOUR JUPSA 79 073201
^{112}Ru	2009ZH50	RADIOACTIVITY ^{252}Cf(SF); ^{106}Mo, ^{110,112}Ru; measured Eγ, Iγ, γ-γ-coin.; deduced high-spin states, chiral doublet vibrational bands, J, π, energies, B(E2) / B(M1), branching ratios. 3D-Tilted Axis Cranking (TAC) calculations. JOUR CPCHC 33 s01 145
	2010HA16	RADIOACTIVITY ^{112}Ru(IT) [from ^{252}Cf(SF)]; measured Eγ, Iγ, $\gamma\gamma$-coin; deduced wobbling bands. Comparison with systematics in adjacent nuclei. JOUR NUPAB 834 28c
^{112}Cd	2008STZK	NUCLEAR REACTIONS Cd(^{32}S, X), ^{110,111,112,113,114,115,116}Cd, E=95 MeV; measured E(particle), I(particle, θ); C(^{96}Ru, X), (^{98}Ru, X), (^{100}Ru, X), (^{102}Ru, X), (^{104}Ru, X), (^{102}Pd, X), (^{104}Pd, X), (^{106}Pd, X), (^{108}Pd, X), (^{110}Pd, X), (^{106}Cd, X), (^{108}Cd, X), (^{112}Cd, X), E$\approx$240 MeV; measured Eγ, I$\gamma(\theta)$, $\gamma\gamma$-coin. ^{96,98,100,102,104}Ru, ^{102,104,106,108,110}Pd, ^{104,106,108,110,112,114}Cd deduced g factor, B(E2); calculated $\sigma(\theta)$, g factor, B(E2) using cranking model. Results on CD only. CONF E.Lansing (NS2008),P182,Stuchbery
^{112}In	2009LI66	NUCLEAR REACTIONS ^{110}Pd(^{7}Li, 5n)^{112}In, E=50 MeV; measured Eγ, Iγ, γ-γ-coin.; deduced high-spin states, level scheme, J, π, K bands. JOUR CPCHC 33 s01 209
	2010HE09	NUCLEAR REACTIONS ^{110}Pd(^{7}Li, 5n), E=50 MeV; measured Eγ, I$\gamma(\theta)$, $\gamma\gamma$-coin. ^{112}In; deduced levels, J, π, DCO matrix, bands, γ-multipolarity, deformation, moment of inertia, angular momentum, effective interaction. JOUR NUPAB 834 84c
	2010PAZX	NUCLEAR REACTIONS ^{113}In(γ, n), (γ, 2n), Eγ=33, 34, 35 MeV bremsstrahlung; measured isomeric yield ratios with activation method. ^{111m,g,112m,g}In; deduced Y_m / Y_g vs Eγ. CONF St.-Petersburg,P187,Palvanov
^{112}Cs	2008CAZH	NUCLEAR REACTIONS ^{58}Ni(^{58}Ni, 3np), E not given; measured Eα, Iα(t), $\alpha\alpha$-coin; deduced $T_{1/2}$, α-branching, Q-values. Results on CD only. CONF E.Lansing (NS2008),P85,Cartegni
	2008SMZU	NUCLEAR REACTIONS ^{58}Ni(^{58}Ni, 3np), E=260 MeV; measured Eγ, Iγ, A(particle), Z(particle), (particle)γ-coin. ^{112}Cs deduced low-lying levels, J, π, rotational bands. Abstract only. CONF E.Lansing (NS2008),P176,Smith

A=113

^{113}In	2010CHZY	NUCLEAR REACTIONS Sn(γ, xnyp), E=19.5 MeV bremsstrahlung; measured yields with activation method. ^{111,113,117m,g,123m,g}Sn; deduced relative yields in (γ, n). ^{113}In; deduced relative yields in (γ, pn). ^{115m,g,116m,g}In; deduced relative yields in (γ, p). CONF St.-Petersburg,P191,Chetvertkova

A=114

^{114}Nb	2010OH02	NUCLEAR REACTIONS Be, Pb(^{238}U, F), E=345 MeV / nucleon; measured yields of fission fragments. Z=20-56, A=52-152; measured yields. ^{71}Mn, ^{73,74}Fe, ^{76}Co, ^{79}Ni, ^{81,82}Cu, ^{84,85}Zn, ^{87}Ga, ^{90}Ge, ^{95}Se, ^{98}Br, ^{101}Kr, ^{103}Rb, ^{106,107}Sr, ^{108,109}Y, ^{111,112}Zr, ^{114,115}Nb, ^{115,116,117}Mo, ^{119,120}Tc, ^{121,122,123,124}Ru, ^{123,124,125,126}Rh, ^{127,128}Pd, ^{133}Cd, ^{138}Sn, ^{140}Sb, ^{143}Te, ^{145}I, ^{148}Xe, ^{152}Ba; measured yields and cross sections, identified new isotopes using RI beam factory at RIKEN, ΔE-TOF-Bρ method. JOUR JUPSA 79 073201
^{114}Cd	2008STZK	NUCLEAR REACTIONS Cd(^{32}S, X), ^{110,111,112,113,114,115,116}Cd, E=95 MeV; measured E(particle), I(particle, θ); C(^{96}Ru, X), (^{98}Ru, X), (^{100}Ru, X), (^{102}Ru, X), (^{104}Ru, X), (^{102}Pd, X), (^{104}Pd, X), (^{106}Pd, X), (^{108}Pd, X), (^{110}Pd, X), (^{106}Cd, X), (^{108}Cd, X), (^{112}Cd, X), E$\approx$240 MeV; measured Eγ, I$\gamma(\theta)$, $\gamma\gamma$-coin. ^{96,98,100,102,104}Ru, ^{102,104,106,108,110}Pd, ^{104,106,108,110,112,114}Cd deduced g factor, B(E2); calculated $\sigma(\theta)$, g factor, B(E2) using cranking model. Results on CD only. CONF E.Lansing (NS2008),P182,Stuchbery

A=115

^{115}Nb	2010OH02	NUCLEAR REACTIONS Be, Pb(^{238}U, F), E=345 MeV / nucleon; measured yields of fission fragments. Z=20-56, A=52-152; measured yields. ^{71}Mn, ^{73,74}Fe, ^{76}Co, ^{79}Ni, ^{81,82}Cu, ^{84,85}Zn, ^{87}Ga, ^{90}Ge, ^{95}Se, ^{98}Br, ^{101}Kr, ^{103}Rb, ^{106,107}Sr, ^{108,109}Y, ^{111,112}Zr, ^{114,115}Nb, ^{115,116,117}Mo, ^{119,120}Tc, ^{121,122,123,124}Ru, ^{123,124,125,126}Rh, ^{127,128}Pd, ^{133}Cd, ^{138}Sn, ^{140}Sb, ^{143}Te, ^{145}I, ^{148}Xe, ^{152}Ba; measured yields and cross sections, identified new isotopes using RI beam factory at RIKEN, ΔE-TOF-Bρ method. JOUR JUPSA 79 073201
^{115}Mo	2010OH02	NUCLEAR REACTIONS Be, Pb(^{238}U, F), E=345 MeV / nucleon; measured yields of fission fragments. Z=20-56, A=52-152; measured yields. ^{71}Mn, ^{73,74}Fe, ^{76}Co, ^{79}Ni, ^{81,82}Cu, ^{84,85}Zn, ^{87}Ga, ^{90}Ge, ^{95}Se, ^{98}Br, ^{101}Kr, ^{103}Rb, ^{106,107}Sr, ^{108,109}Y, ^{111,112}Zr, ^{114,115}Nb, ^{115,116,117}Mo, ^{119,120}Tc, ^{121,122,123,124}Ru, ^{123,124,125,126}Rh, ^{127,128}Pd, ^{133}Cd, ^{138}Sn, ^{140}Sb, ^{143}Te, ^{145}I, ^{148}Xe, ^{152}Ba; measured yields and cross sections, identified new isotopes using RI beam factory at RIKEN, ΔE-TOF-Bρ method. JOUR JUPSA 79 073201
^{115}Cd	2010MAZV	NUCLEAR REACTIONS ^{116}Cd(γ, n), E=9-20 MeV bremsstrhlung (step 0.5 MeV); measured isomeric yield ratio. ^{115m,g}Cd; deduced Y_m / Y_g vs Eγ; deduced parameters of fitted curve. CONF St.-Petersburg,P156,Mazur

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

2010ZH20 NUCLEAR REACTIONS ^{116}Cd, ^{121}Sb(γ, n), E<10.5 MeV; measured Eγ, Iγ; deduced isomeric yields and ratios. JOUR BRSPE 74 829

A=116

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

A=117

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

A=118

^{118}Sn 2009WA26 NUCLEAR REACTIONS ^{116}Cd(^{7}Li, 4np)^{118}Sn, E=48 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin.; deduced energy levels, J, π, intruder band. JOUR CPCHC 33 838

2010TO06 NUCLEAR REACTIONS ^{119}Sn(^{3}He, ^{3}He), (^{3}He, α), E=38 MeV; measured Eγ, particle-γ coin. ^{118,119}Sn; deduced γ-ray strength functions, level densities, parity asymmetry functions, collective enhancement factors, and spin distributions. Oslo method. Combinatorial BCS model. JOUR PRVCA 81 064311

^{118}Te 2010MAZU NUCLEAR REACTIONS ^{119,129}Te(γ, n), E=12, 14, 16, 18 MeV bremsstrahlung; measured isomeric ratio yields with activation method. ^{119m,g,129m,g}Te; deduced Y_m / Y_g. CONF St.-Petersburg,P157,Mazur

A=119

^{119}Tc	2010OH02	NUCLEAR REACTIONS Be, Pb(^{238}U, F), E=345 MeV / nucleon; measured yields of fission fragments. Z=20-56, A=52-152; measured yields. ^{71}Mn, ^{73,74}Fe, ^{76}Co, ^{79}Ni, ^{81,82}Cu, ^{84,85}Zn, ^{87}Ga, ^{90}Ge, ^{95}Se, ^{98}Br, ^{101}Kr, ^{103}Rb, ^{106,107}Sr, ^{108,109}Y, ^{111,112}Zr, ^{114,115}Nb, ^{115,116,117}Mo, ^{119,120}Tc, ^{121,122,123,124}Ru, ^{123,124,125,126}Rh, ^{127,128}Pd, ^{133}Cd, ^{138}Sn, ^{140}Sb, ^{143}Te, ^{145}I, ^{148}Xe, ^{152}Ba; measured yields and cross sections, identified new isotopes using RI beam factory at RIKEN, ΔE-TOF-Bρ method. JOUR JUPSA 79 073201
^{119}Sn	2010TO06	NUCLEAR REACTIONS ^{119}Sn(^{3}He, ^{3}He), (^{3}He, α), E=38 MeV; measured Eγ, particle-γ coin. ^{118,119}Sn; deduced γ-ray strength functions, level densities, parity asymmetry functions, collective enhancement factors, and spin distributions. Oslo method. Combinatorial BCS model. JOUR PRVCA 81 064311

A=120

^{120}Tc	2010OH02	NUCLEAR REACTIONS Be, Pb(^{238}U, F), E=345 MeV / nucleon; measured yields of fission fragments. Z=20-56, A=52-152; measured yields. ^{71}Mn, ^{73,74}Fe, ^{76}Co, ^{79}Ni, ^{81,82}Cu, ^{84,85}Zn, ^{87}Ga, ^{90}Ge, ^{95}Se, ^{98}Br, ^{101}Kr, ^{103}Rb, ^{106,107}Sr, ^{108,109}Y, ^{111,112}Zr, ^{114,115}Nb, ^{115,116,117}Mo, ^{119,120}Tc, ^{121,122,123,124}Ru, ^{123,124,125,126}Rh, ^{127,128}Pd, ^{133}Cd, ^{138}Sn, ^{140}Sb, ^{143}Te, ^{145}I, ^{148}Xe, ^{152}Ba; measured yields and cross sections, identified new isotopes using RI beam factory at RIKEN, ΔE-TOF-Bρ method. JOUR JUPSA 79 073201
^{120}Sn	2009AC02	NUCLEAR REACTIONS ^{120}Sn(^{11}Be, ^{11}Be), (^{11}Be, ^{11}Be'), E=2.91 MeV / nucleon; measured particle spectra using DSSSD array at REX-ISOLDE; deduced $\sigma(\theta)$. Comparison with coupled-channel calculations. Secondary radioactive halo nuclide beam. JOUR ZAANE 42 461
^{120}Sb	2010ZH20	NUCLEAR REACTIONS ^{116}Cd, ^{121}Sb(γ, n), E<10.5 MeV; measured Eγ, Iγ; deduced isomeric yields and ratios. JOUR BRSPE 74 829

A=121

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

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

	2009ST28	RADIOACTIVITY ^{121}Pd(β^-) [from ^{9}Be(^{136}Xe, X), E=120 MeV / nucleon]; measured Eγ, Iγ, $\gamma\gamma$-, (fragment)γ-coin. ^{121}Ag; deduced levels, J, π. Comparison with shell model and systematics. JOUR ZAANE 42 407
^{121}Ag	2009ST28	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{121}Pd / ^{123}Ag / ^{125}Ag, E=120 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-, (fragment)γ-coin. ^{121,123,125}Ag; deduced levels, J, π, $T_{1/2}$. Comparison with shell model and systematics. JOUR ZAANE 42 407
	2009ST28	RADIOACTIVITY ^{121}Pd(β^-) [from ^{9}Be(^{136}Xe, X), E=120 MeV / nucleon]; measured Eγ, Iγ, $\gamma\gamma$-, (fragment)γ-coin. ^{121}Ag; deduced levels, J, π. Comparison with shell model and systematics. JOUR ZAANE 42 407

A=122

^{122}Ru	2010OH02	NUCLEAR REACTIONS Be, Pb(^{238}U, F), E=345 MeV / nucleon; measured yields of fission fragments. Z=20-56, A=52-152; measured yields. ^{71}Mn, ^{73,74}Fe, ^{76}Co, ^{79}Ni, ^{81,82}Cu, ^{84,85}Zn, ^{87}Ga, ^{90}Ge, ^{95}Se, ^{98}Br, ^{101}Kr, ^{103}Rb, ^{106,107}Sr, ^{108,109}Y, ^{111,112}Zr, ^{114,115}Nb, ^{115,116,117}Mo, ^{119,120}Tc, ^{121,122,123,124}Ru, ^{123,124,125,126}Rh, ^{127,128}Pd, ^{133}Cd, ^{138}Sn, ^{140}Sb, ^{143}Te, ^{145}I, ^{148}Xe, ^{152}Ba; measured yields and cross sections, identified new isotopes using RI beam factory at RIKEN, ΔE-TOF-Bρ method. JOUR JUPSA 79 073201
^{122}Cs	2009PA49	NUCLEAR REACTIONS ^{238}U(p, X)^{122}Cs / ^{123}Cs / ^{124}Cs / ^{125}Cs / ^{126}Cs / ^{127}Cs / ^{128}Cs / ^{129}Cs / ^{130}Cs / ^{132}Cs / ^{138}Cs / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{143}Cs / ^{144}Cs / ^{145}Cs / ^{146}Cs / ^{147}Cs / ^{148}Cs / ^{202}Fr / ^{203}Fr / ^{204}Fr / ^{205}Fr / ^{206}Fr / ^{207}Fr / ^{208}Fr / ^{209}Fr / ^{210}Fr / ^{211}Fr / ^{212}Fr / ^{213}Fr / ^{214}Fr / ^{218}Fr / ^{219}Fr / ^{220}Fr / ^{221}Fr / ^{222}Fr / ^{223}Fr / ^{224}Fr / ^{225}Fr / ^{226}Fr / ^{227}Fr / ^{228}Fr, E=1 GeV; measured fission and spallation yields from different mass targets; deduced effect of target size. JOUR ZAANE 42 495

A=123

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

A=123 *(continued)*

^{123}Rh	2010OH02	NUCLEAR REACTIONS Be, Pb(^{238}U, F), E=345 MeV / nucleon; measured yields of fission fragments. Z=20-56, A=52-152; measured yields. ^{71}Mn, ^{73,74}Fe, ^{76}Co, ^{79}Ni, ^{81,82}Cu, ^{84,85}Zn, ^{87}Ga, ^{90}Ge, ^{95}Se, ^{98}Br, ^{101}Kr, ^{103}Rb, ^{106,107}Sr, ^{108,109}Y, ^{111,112}Zr, ^{114,115}Nb, ^{115,116,117}Mo, ^{119,120}Tc, ^{121,122,123,124}Ru, ^{123,124,125,126}Rh, ^{127,128}Pd, ^{133}Cd, ^{138}Sn, ^{140}Sb, ^{143}Te, ^{145}I, ^{148}Xe, ^{152}Ba; measured yields and cross sections, identified new isotopes using RI beam factory at RIKEN, ΔE-TOF-Bρ method. JOUR JUPSA 79 073201
^{123}Ag	2009ST28	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{121}Pd / ^{123}Ag / ^{125}Ag, E=120 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-, (fragment)γ-coin. ^{121,123,125}Ag; deduced levels, J, π, $T_{1/2}$. Comparison with shell model and systematics. JOUR ZAANE 42 407
^{123}Cs	2009PA49	NUCLEAR REACTIONS ^{238}U(p, X)^{122}Cs / ^{123}Cs / ^{124}Cs / ^{125}Cs / ^{126}Cs / ^{127}Cs / ^{128}Cs / ^{129}Cs / ^{130}Cs / ^{132}Cs / ^{138}Cs / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{143}Cs / ^{144}Cs / ^{145}Cs / ^{146}Cs / ^{147}Cs / ^{148}Cs / ^{202}Fr / ^{203}Fr / ^{204}Fr / ^{205}Fr / ^{206}Fr / ^{207}Fr / ^{208}Fr / ^{209}Fr / ^{210}Fr / ^{211}Fr / ^{212}Fr / ^{213}Fr / ^{214}Fr / ^{218}Fr / ^{219}Fr / ^{220}Fr / ^{221}Fr / ^{222}Fr / ^{223}Fr / ^{224}Fr / ^{225}Fr / ^{226}Fr / ^{227}Fr / ^{228}Fr, E=1 GeV; measured fission and spallation yields from different mass targets; deduced effect of target size. JOUR ZAANE 42 495

A=124

^{124}Ru	2010OH02	NUCLEAR REACTIONS Be, Pb(^{238}U, F), E=345 MeV / nucleon; measured yields of fission fragments. Z=20-56, A=52-152; measured yields. ^{71}Mn, ^{73,74}Fe, ^{76}Co, ^{79}Ni, ^{81,82}Cu, ^{84,85}Zn, ^{87}Ga, ^{90}Ge, ^{95}Se, ^{98}Br, ^{101}Kr, ^{103}Rb, ^{106,107}Sr, ^{108,109}Y, ^{111,112}Zr, ^{114,115}Nb, ^{115,116,117}Mo, ^{119,120}Tc, ^{121,122,123,124}Ru, ^{123,124,125,126}Rh, ^{127,128}Pd, ^{133}Cd, ^{138}Sn, ^{140}Sb, ^{143}Te, ^{145}I, ^{148}Xe, ^{152}Ba; measured yields and cross sections, identified new isotopes using RI beam factory at RIKEN, ΔE-TOF-Bρ method. JOUR JUPSA 79 073201
^{124}Rh	2010OH02	NUCLEAR REACTIONS Be, Pb(^{238}U, F), E=345 MeV / nucleon; measured yields of fission fragments. Z=20-56, A=52-152; measured yields. ^{71}Mn, ^{73,74}Fe, ^{76}Co, ^{79}Ni, ^{81,82}Cu, ^{84,85}Zn, ^{87}Ga, ^{90}Ge, ^{95}Se, ^{98}Br, ^{101}Kr, ^{103}Rb, ^{106,107}Sr, ^{108,109}Y, ^{111,112}Zr, ^{114,115}Nb, ^{115,116,117}Mo, ^{119,120}Tc, ^{121,122,123,124}Ru, ^{123,124,125,126}Rh, ^{127,128}Pd, ^{133}Cd, ^{138}Sn, ^{140}Sb, ^{143}Te, ^{145}I, ^{148}Xe, ^{152}Ba; measured yields and cross sections, identified new isotopes using RI beam factory at RIKEN, ΔE-TOF-Bρ method. JOUR JUPSA 79 073201
^{124}Sn	2010PAZZ	NUCLEAR REACTIONS ^{58}Ni, ^{124}Sn, ^{208}Pb(d, d'), E=3.5-7.3 MeV; measured $\sigma(\theta)$. Tandem. CONF St.-Petersburg,P136,Pavlenko
^{124}Sb	2010BE18	RADIOACTIVITY ^{124}Sb(β^-); measured Eγ, Iγ; deduced γ-ray and x-rays intensities per decay, branching ratio. JOUR ARISE 68 2026
^{124}Te	2010BE18	RADIOACTIVITY ^{124}Sb(β^-); measured Eγ, Iγ; deduced γ-ray and x-rays intensities per decay, branching ratio. JOUR ARISE 68 2026

A=124 *(continued)*

^{124}Xe	2008WIZP	NUCLEAR REACTIONS ^{80}Se(^{48}Ca, 4n), E=207 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin; deduced high-spin states, superdeformation, hyperdeformation. Abstract only. CONF E.Lansing (NS2008),P193,Wilson
^{124}Cs	2009PA49	NUCLEAR REACTIONS ^{238}U(p, X)^{122}Cs / ^{123}Cs / ^{124}Cs / ^{125}Cs / ^{126}Cs / ^{127}Cs / ^{128}Cs / ^{129}Cs / ^{130}Cs / ^{132}Cs / ^{138}Cs / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{143}Cs / ^{144}Cs / ^{145}Cs / ^{146}Cs / ^{147}Cs / ^{148}Cs / ^{202}Fr / ^{203}Fr / ^{204}Fr / ^{205}Fr / ^{206}Fr / ^{207}Fr / ^{208}Fr / ^{209}Fr / ^{210}Fr / ^{211}Fr / ^{212}Fr / ^{213}Fr / ^{214}Fr / ^{218}Fr / ^{219}Fr / ^{220}Fr / ^{221}Fr / ^{222}Fr / ^{223}Fr / ^{224}Fr / ^{225}Fr / ^{226}Fr / ^{227}Fr / ^{228}Fr, E=1 GeV; measured fission and spallation yields from different mass targets; deduced effect of target size. JOUR ZAANE 42 495

A=125

^{125}Rh	2010OH02	NUCLEAR REACTIONS Be, Pb(^{238}U, F), E=345 MeV / nucleon; measured yields of fission fragments. Z=20-56, A=52-152; measured yields. ^{71}Mn, ^{73,74}Fe, ^{76}Co, ^{79}Ni, ^{81,82}Cu, ^{84,85}Zn, ^{87}Ga, ^{90}Ge, ^{95}Se, ^{98}Br, ^{101}Kr, ^{103}Rb, ^{106,107}Sr, ^{108,109}Y, ^{111,112}Zr, ^{114,115}Nb, ^{115,116,117}Mo, ^{119,120}Tc, ^{121,122,123,124}Ru, ^{123,124,125,126}Rh, ^{127,128}Pd, ^{133}Cd, ^{138}Sn, ^{140}Sb, ^{143}Te, ^{145}I, ^{148}Xe, ^{152}Ba; measured yields and cross sections, identified new isotopes using RI beam factory at RIKEN, ΔE-TOF-Bρ method. JOUR JUPSA 79 073201
^{125}Ag	2009ST28	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{121}Pd / ^{123}Ag / ^{125}Ag, E=120 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-, (fragment)γ-coin. ^{121,123,125}Ag; deduced levels, J, π, $T_{1/2}$. Comparison with shell model and systematics. JOUR ZAANE 42 407
^{125}Cs	2009PA49	NUCLEAR REACTIONS ^{238}U(p, X)^{122}Cs / ^{123}Cs / ^{124}Cs / ^{125}Cs / ^{126}Cs / ^{127}Cs / ^{128}Cs / ^{129}Cs / ^{130}Cs / ^{132}Cs / ^{138}Cs / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{143}Cs / ^{144}Cs / ^{145}Cs / ^{146}Cs / ^{147}Cs / ^{148}Cs / ^{202}Fr / ^{203}Fr / ^{204}Fr / ^{205}Fr / ^{206}Fr / ^{207}Fr / ^{208}Fr / ^{209}Fr / ^{210}Fr / ^{211}Fr / ^{212}Fr / ^{213}Fr / ^{214}Fr / ^{218}Fr / ^{219}Fr / ^{220}Fr / ^{221}Fr / ^{222}Fr / ^{223}Fr / ^{224}Fr / ^{225}Fr / ^{226}Fr / ^{227}Fr / ^{228}Fr, E=1 GeV; measured fission and spallation yields from different mass targets; deduced effect of target size. JOUR ZAANE 42 495

A=126

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

A=126 *(continued)*

^{126}Te	2010BLZY	NUCLEAR REACTIONS ^{128,130}Te(p, t), E=23 MeV; measured triton spectra, $\sigma(\theta)$. ^{126,128}Te; deduced levels. Split-pole magnetic spectrograph and gas-filled focal plane detector. Comparison with previous data. PREPRINT Bloxham,6/22/2010
^{126}Cs	2009PA49	NUCLEAR REACTIONS ^{238}U(p, X)^{122}Cs / ^{123}Cs / ^{124}Cs / ^{125}Cs / ^{126}Cs / ^{127}Cs / ^{128}Cs / ^{129}Cs / ^{130}Cs / ^{132}Cs / ^{138}Cs / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{143}Cs / ^{144}Cs / ^{145}Cs / ^{146}Cs / ^{147}Cs / ^{148}Cs / ^{202}Fr / ^{203}Fr / ^{204}Fr / ^{205}Fr / ^{206}Fr / ^{207}Fr / ^{208}Fr / ^{209}Fr / ^{210}Fr / ^{211}Fr / ^{212}Fr / ^{213}Fr / ^{214}Fr / ^{218}Fr / ^{219}Fr / ^{220}Fr / ^{221}Fr / ^{222}Fr / ^{223}Fr / ^{224}Fr / ^{225}Fr / ^{226}Fr / ^{227}Fr / ^{228}Fr, E=1 GeV; measured fission and spallation yields from different mass targets; deduced effect of target size. JOUR ZAANE 42 495

A=127

^{127}Pd	2010OH02	NUCLEAR REACTIONS Be, Pb(^{238}U, F), E=345 MeV / nucleon; measured yields of fission fragments. Z=20-56, A=52-152; measured yields. ^{71}Mn, ^{73,74}Fe, ^{76}Co, ^{79}Ni, ^{81,82}Cu, ^{84,85}Zn, ^{87}Ga, ^{90}Ge, ^{95}Se, ^{98}Br, ^{101}Kr, ^{103}Rb, ^{106,107}Sr, ^{108,109}Y, ^{111,112}Zr, ^{114,115}Nb, ^{115,116,117}Mo, ^{119,120}Tc, ^{121,122,123,124}Ru, ^{123,124,125,126}Rh, ^{127,128}Pd, ^{133}Cd, ^{138}Sn, ^{140}Sb, ^{143}Te, ^{145}I, ^{148}Xe, ^{152}Ba; measured yields and cross sections, identified new isotopes using RI beam factory at RIKEN, ΔE-TOF-Bρ method. JOUR JUPSA 79 073201
^{127}Sn	2010AT03	NUCLEAR REACTIONS Be(^{136}Xe, X)^{127}Sn / ^{128}Sn, E=600 MeV / nucleon; measured reaction products, Larmor precession, Eγ, Iγ; deduced g factors for Sn isomers, J, π. Comparison with shell model calculations. JOUR EULEE 91 42001
^{127}Cs	2009PA49	NUCLEAR REACTIONS ^{238}U(p, X)^{122}Cs / ^{123}Cs / ^{124}Cs / ^{125}Cs / ^{126}Cs / ^{127}Cs / ^{128}Cs / ^{129}Cs / ^{130}Cs / ^{132}Cs / ^{138}Cs / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{143}Cs / ^{144}Cs / ^{145}Cs / ^{146}Cs / ^{147}Cs / ^{148}Cs / ^{202}Fr / ^{203}Fr / ^{204}Fr / ^{205}Fr / ^{206}Fr / ^{207}Fr / ^{208}Fr / ^{209}Fr / ^{210}Fr / ^{211}Fr / ^{212}Fr / ^{213}Fr / ^{214}Fr / ^{218}Fr / ^{219}Fr / ^{220}Fr / ^{221}Fr / ^{222}Fr / ^{223}Fr / ^{224}Fr / ^{225}Fr / ^{226}Fr / ^{227}Fr / ^{228}Fr, E=1 GeV; measured fission and spallation yields from different mass targets; deduced effect of target size. JOUR ZAANE 42 495

A=128

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

A=128 *(continued)*

^{128}Sn	2010AT03	NUCLEAR REACTIONS Be(^{136}Xe, X)^{127}Sn / ^{128}Sn, E=600 MeV / nucleon; measured reaction products, Larmor precession, Eγ, Iγ; deduced g factors for Sn isomers, J, π. Comparison with shell model calculations. JOUR EULEE 91 42001
^{128}Te	2010BLZY	NUCLEAR REACTIONS ^{128,130}Te(p, t), E=23 MeV; measured triton spectra, $\sigma(\theta)$. ^{126,128}Te; deduced levels. Split-pole magnetic spectrograph and gas-filled focal plane detector. Comparison with previous data. PREPRINT Bloxham,6/22/2010
	2010MAZU	NUCLEAR REACTIONS ^{119,129}Te(γ, n), E=12, 14, 16, 18 MeV bremsstrahlung; measured isomeric ratio yields with activation method. ^{119m,g,129m,g}Te; deduced Y_m / Y_g. CONF St.-Petersburg,P157,Mazur
^{128}I	2009ZH51	NUCLEAR REACTIONS ^{124}Sn(^{7}Li, 3n)^{128}I, E=25, 28, 42 MeV; measured Eγ, Iγ, γ-γ-coin.; deduced high-spin states, level scheme, J, π, energies, σ. JOUR CPCHC 33 s01 179
	2010WA27	NUCLEAR REACTIONS ^{124}Sn(^{7}Li, 3n), E=28, 32 MeV; measured Eγ, Iγ, γ-γ-coin.; deduced high spin states, J, π, level scheme. JOUR CPLEE 27 082701
^{128}Cs	2009PA49	NUCLEAR REACTIONS ^{238}U(p, X)^{122}Cs / ^{123}Cs / ^{124}Cs / ^{125}Cs / ^{126}Cs / ^{127}Cs / ^{128}Cs / ^{129}Cs / ^{130}Cs / ^{132}Cs / ^{138}Cs / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{143}Cs / ^{144}Cs / ^{145}Cs / ^{146}Cs / ^{147}Cs / ^{148}Cs / ^{202}Fr / ^{203}Fr / ^{204}Fr / ^{205}Fr / ^{206}Fr / ^{207}Fr / ^{208}Fr / ^{209}Fr / ^{210}Fr / ^{211}Fr / ^{212}Fr / ^{213}Fr / ^{214}Fr / ^{218}Fr / ^{219}Fr / ^{220}Fr / ^{221}Fr / ^{222}Fr / ^{223}Fr / ^{224}Fr / ^{225}Fr / ^{226}Fr / ^{227}Fr / ^{228}Fr, E=1 GeV; measured fission and spallation yields from different mass targets; deduced effect of target size. JOUR ZAANE 42 495

A=129

^{129}Cs	2009PA49	NUCLEAR REACTIONS ^{238}U(p, X)^{122}Cs / ^{123}Cs / ^{124}Cs / ^{125}Cs / ^{126}Cs / ^{127}Cs / ^{128}Cs / ^{129}Cs / ^{130}Cs / ^{132}Cs / ^{138}Cs / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{143}Cs / ^{144}Cs / ^{145}Cs / ^{146}Cs / ^{147}Cs / ^{148}Cs / ^{202}Fr / ^{203}Fr / ^{204}Fr / ^{205}Fr / ^{206}Fr / ^{207}Fr / ^{208}Fr / ^{209}Fr / ^{210}Fr / ^{211}Fr / ^{212}Fr / ^{213}Fr / ^{214}Fr / ^{218}Fr / ^{219}Fr / ^{220}Fr / ^{221}Fr / ^{222}Fr / ^{223}Fr / ^{224}Fr / ^{225}Fr / ^{226}Fr / ^{227}Fr / ^{228}Fr, E=1 GeV; measured fission and spallation yields from different mass targets; deduced effect of target size. JOUR ZAANE 42 495
	2010TA12	NUCLEAR REACTIONS Ba(p, X)^{132}La / ^{135}La / ^{131}Ba / ^{133}Ba / ^{135}Ba / ^{129}Cs / ^{132}Cs / ^{134}Cs / ^{136}Cs, E=30-70 MeV; measured Eγ, Iγ; deduced σ, integral yields. Comparison with other data and EMPIRE and ALICE-IPPE codes. JOUR ARISE 68 1869
^{129}Ce	2009LI67	NUCLEAR REACTIONS ^{96}Mo(^{37}Cl, 3np)^{129}Ce, E=155 MeV; measured Eγ, Iγ, γ-γ-coin.; deduced negative-parity bands, $T_{1/2}$, quadrupole moments. JOUR CPCHC 33 s01 212

A=130

^{130}Cs	2009PA49	NUCLEAR REACTIONS ^{238}U(p, X)^{122}Cs / ^{123}Cs / ^{124}Cs / ^{125}Cs / ^{126}Cs / ^{127}Cs / ^{128}Cs / ^{129}Cs / ^{130}Cs / ^{132}Cs / ^{138}Cs / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{143}Cs / ^{144}Cs / ^{145}Cs / ^{146}Cs / ^{147}Cs / ^{148}Cs / ^{202}Fr / ^{203}Fr / ^{204}Fr / ^{205}Fr / ^{206}Fr / ^{207}Fr / ^{208}Fr / ^{209}Fr / ^{210}Fr / ^{211}Fr / ^{212}Fr / ^{213}Fr / ^{214}Fr / ^{218}Fr / ^{219}Fr / ^{220}Fr / ^{221}Fr / ^{222}Fr / ^{223}Fr / ^{224}Fr / ^{225}Fr / ^{226}Fr / ^{227}Fr / ^{228}Fr, E=1 GeV; measured fission and spallation yields from different mass targets; deduced effect of target size. JOUR ZAANE 42 495
	2009WA32	NUCLEAR REACTIONS ^{124}Sn(^{11}B, 5n)^{130}Cs, E=65 MeV; measured Eγ, Iγ, γ-γ-coin.; deduced high-spin states, B(E2), B(M1), yrast and chiral bands. JOUR CPCHC 33 s01 173

A=131

^{131}In	2009GO40	NUCLEAR REACTIONS Be(^{136}Xe, X)^{131}In, E=750 MeV / nucleon; Be(^{238}U, X)^{131}In, E=750 MeV / nucleon; measured Eγ, Iγ; deduced high-spin isomer $T_{1/2}$, B(E1), B(E2), B(M1) limits, J, π, level scheme. Shell model calculations, RISIND-FRS setup. JOUR PYLBB 672 313
^{131}Ba	2010TA12	NUCLEAR REACTIONS Ba(p, X)^{132}La / ^{135}La / ^{131}Ba / ^{133}Ba / ^{135}Ba / ^{129}Cs / ^{132}Cs / ^{134}Cs / ^{136}Cs, E=30-70 MeV; measured Eγ, Iγ; deduced σ, integral yields. Comparison with other data and EMPIRE and ALICE-IPPE codes. JOUR ARISE 68 1869

A=132

^{132}Te	2010AD13	NUCLEAR REACTIONS ^{232}Th(n, γ), (n, 2n), (n, F)^{99}Mo, ^{235,238}U(n, γ), (n, F)^{99}Mo / ^{132}Te / ^{133}I / ^{135}I / ^{135}Xe / ^{140}Ba / ^{143}Ce, E=thermal-1000 MeV [from ^{208}Pb(d, X), E=1.6 GeV spallation source]; measured Eγ, Iγ using HPGe detectors; deduced σ, reaction and transmutation rates. Comparison with simulations and TARC experimental data. JOUR ZAANE 43 159
^{132}Xe	2008JAZU	NUCLEAR REACTIONS ^{130}Te(^{9}Be, X), E=35-44 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{134,135,136}Ba, ^{132}Xe deduced σ; ^{132}Xe deduced levels, J, π; ^{132}Xe calculated levels, J, π using E(5) symmetry. Results on CD only. CONF E.Lansing (NS2008),P123,Jain
^{132}Cs	2009PA49	NUCLEAR REACTIONS ^{238}U(p, X)^{122}Cs / ^{123}Cs / ^{124}Cs / ^{125}Cs / ^{126}Cs / ^{127}Cs / ^{128}Cs / ^{129}Cs / ^{130}Cs / ^{132}Cs / ^{138}Cs / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{143}Cs / ^{144}Cs / ^{145}Cs / ^{146}Cs / ^{147}Cs / ^{148}Cs / ^{202}Fr / ^{203}Fr / ^{204}Fr / ^{205}Fr / ^{206}Fr / ^{207}Fr / ^{208}Fr / ^{209}Fr / ^{210}Fr / ^{211}Fr / ^{212}Fr / ^{213}Fr / ^{214}Fr / ^{218}Fr / ^{219}Fr / ^{220}Fr / ^{221}Fr / ^{222}Fr / ^{223}Fr / ^{224}Fr / ^{225}Fr / ^{226}Fr / ^{227}Fr / ^{228}Fr, E=1 GeV; measured fission and spallation yields from different mass targets; deduced effect of target size. JOUR ZAANE 42 495
	2010RA09	NUCLEAR REACTIONS ^{89}Y, ^{90}Zr, ^{93}Nb, ^{133}Cs, ^{197}Au(γ, n), ^{99}Tc(γ, 3n), E<32 MeV; measured Eγ, Iγ; deduced σ and uncertainties. Bremsstrahlung photons. JOUR JNSTA 47 618

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

	2010TA12	NUCLEAR REACTIONS Ba(p, X)^{132}La / ^{135}La / ^{131}Ba / ^{133}Ba / ^{135}Ba / ^{129}Cs / ^{132}Cs / ^{134}Cs / ^{136}Cs, E=30-70 MeV; measured Eγ, Iγ; deduced σ, integral yields. Comparison with other data and EMPIRE and ALICE-IPPE codes. JOUR ARISE 68 1869
^{132}La	2010TA12	NUCLEAR REACTIONS Ba(p, X)^{132}La / ^{135}La / ^{131}Ba / ^{133}Ba / ^{135}Ba / ^{129}Cs / ^{132}Cs / ^{134}Cs / ^{136}Cs, E=30-70 MeV; measured Eγ, Iγ; deduced σ, integral yields. Comparison with other data and EMPIRE and ALICE-IPPE codes. JOUR ARISE 68 1869
^{132}Ce	2009PE31	NUCLEAR REACTIONS ^{120}Sn(^{16}O, 4n), E=80 MeV; measured Eγ, Iγ, ce, eγ-, $\gamma\gamma$-coin, ICCs using OSIRIS-II array. ^{132}Ce; deduced levels, J, π, B(E3), B(M2), multipolarities. JOUR ZAANE 42 379

A=133

^{133}Cd	2010OH02	NUCLEAR REACTIONS Be, Pb(^{238}U, F), E=345 MeV / nucleon; measured yields of fission fragments. Z=20-56, A=52-152; measured yields. ^{71}Mn, ^{73,74}Fe, ^{76}Co, ^{79}Ni, ^{81,82}Cu, ^{84,85}Zn, ^{87}Ga, ^{90}Ge, ^{95}Se, ^{98}Br, ^{101}Kr, ^{103}Rb, ^{106,107}Sr, ^{108,109}Y, ^{111,112}Zr, ^{114,115}Nb, ^{115,116,117}Mo, ^{119,120}Tc, ^{121,122,123,124}Ru, ^{123,124,125,126}Rh, ^{127,128}Pd, ^{133}Cd, ^{138}Sn, ^{140}Sb, ^{143}Te, ^{145}I, ^{148}Xe, ^{152}Ba; measured yields and cross sections, identified new isotopes using RI beam factory at RIKEN, ΔE-TOF-Bρ method. JOUR JUPSA 79 073201
^{133}I	2010AD13	NUCLEAR REACTIONS ^{232}Th(n, γ), (n, 2n), (n, F)^{99}Mo, ^{235,238}U(n, γ), (n, F)^{99}Mo / ^{132}Te / ^{133}I / ^{135}I / ^{135}Xe / ^{140}Ba / ^{143}Ce, E=thermal-1000 MeV [from ^{208}Pb(d, X), E=1.6 GeV spallation source]; measured Eγ, Iγ using HPGe detectors; deduced σ, reaction and transmutation rates. Comparison with simulations and TARC experimental data. JOUR ZAANE 43 159
^{133}Cs	2009WA33	NUCLEAR REACTIONS ^{133}Cs(e, e), (e, e'), E=120 MeV; measured $\sigma(\theta)$. JOUR ZAANE 42 453
^{133}Ba	2010TA12	NUCLEAR REACTIONS Ba(p, X)^{132}La / ^{135}La / ^{131}Ba / ^{133}Ba / ^{135}Ba / ^{129}Cs / ^{132}Cs / ^{134}Cs / ^{136}Cs, E=30-70 MeV; measured Eγ, Iγ; deduced σ, integral yields. Comparison with other data and EMPIRE and ALICE-IPPE codes. JOUR ARISE 68 1869

A=134

^{134}Cs	2010TA12	NUCLEAR REACTIONS Ba(p, X)^{132}La / ^{135}La / ^{131}Ba / ^{133}Ba / ^{135}Ba / ^{129}Cs / ^{132}Cs / ^{134}Cs / ^{136}Cs, E=30-70 MeV; measured Eγ, Iγ; deduced σ, integral yields. Comparison with other data and EMPIRE and ALICE-IPPE codes. JOUR ARISE 68 1869
^{134}Ba	2008JAZU	NUCLEAR REACTIONS ^{130}Te(^{9}Be, X), E=35-44 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{134,135,136}Ba, ^{132}Xe deduced σ; ^{132}Xe deduced levels, J, π; ^{132}Xe calculated levels, J, π using E(5) symmetry. Results on CD only. CONF E.Lansing (NS2008),P123,Jain

A=134 *(continued)*

^{134}Nd	2008LIZO	NUCLEAR REACTIONS ^{114}Cd(^{28}Si, 4nα), E=155 MeV; measured Eγ, Iγ(t); deduced high-spin states, B(E2); calculated high-spin states, B(E2) using IBM. Results on CD only. CONF E.Lansing (NS2008),P133,Lieder

A=135

^{135}I	2010AD13	NUCLEAR REACTIONS ^{232}Th(n, γ), (n, 2n), (n, F)^{99}Mo, ^{235,238}U(n, γ), (n, F)^{99}Mo / ^{132}Te / ^{133}I / ^{135}I / ^{135}Xe / ^{140}Ba / ^{143}Ce, E=thermal-1000 MeV [from ^{208}Pb(d, X), E=1.6 GeV spallation source]; measured Eγ, Iγ using HPGe detectors; deduced σ, reaction and transmutation rates. Comparison with simulations and TARC experimental data. JOUR ZAANE 43 159
	2010TH02	RADIOACTIVITY ^{135}I, ^{135}Xe(β^-) [from ^{233}U(γ, F), E=23.5 MeV]; measured reaction products, Eγ, Iγ; deduced decay scheme, isomeric ratio of fission. JOUR JRNCD 285 511
^{135}Xe	2010AD13	NUCLEAR REACTIONS ^{232}Th(n, γ), (n, 2n), (n, F)^{99}Mo, ^{235,238}U(n, γ), (n, F)^{99}Mo / ^{132}Te / ^{133}I / ^{135}I / ^{135}Xe / ^{140}Ba / ^{143}Ce, E=thermal-1000 MeV [from ^{208}Pb(d, X), E=1.6 GeV spallation source]; measured Eγ, Iγ using HPGe detectors; deduced σ, reaction and transmutation rates. Comparison with simulations and TARC experimental data. JOUR ZAANE 43 159
	2010TH02	RADIOACTIVITY ^{135}I, ^{135}Xe(β^-) [from ^{233}U(γ, F), E=23.5 MeV]; measured reaction products, Eγ, Iγ; deduced decay scheme, isomeric ratio of fission. JOUR JRNCD 285 511
^{135}Cs	2010GA21	NUCLEAR REACTIONS ^{237}Np(γ, F)^{135}Cs, ^{238}U(γ, F)^{140}La, ^{65}Cu(γ, n)^{64}Cu, E<25 MeV; measured reaction products, Eγ, Iγ; deduced isomer yield ratios. Comparison with calculation. JOUR PANUE 73 1477
	2010TH02	RADIOACTIVITY ^{135}I, ^{135}Xe(β^-) [from ^{233}U(γ, F), E=23.5 MeV]; measured reaction products, Eγ, Iγ; deduced decay scheme, isomeric ratio of fission. JOUR JRNCD 285 511
^{135}Ba	2008JAZU	NUCLEAR REACTIONS ^{130}Te(^{9}Be, X), E=35-44 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{134,135,136}Ba, ^{132}Xe deduced σ; ^{132}Xe deduced levels, J, π; ^{132}Xe calculated levels, J, π using E(5) symmetry. Results on CD only. CONF E.Lansing (NS2008),P123,Jain
	2010KU15	NUCLEAR REACTIONS ^{130}Te(^{9}Be, 4n), E=42.5 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, DCO, γ(lin pol). ^{135}Ba; deduced levels, J, π, multipolarity, bands, configurations, possible magnetic rotational band. Comparison with TAC calculations. JOUR PRVCA 81 067304
	2010TA12	NUCLEAR REACTIONS Ba(p, X)^{132}La / ^{135}La / ^{131}Ba / ^{133}Ba / ^{135}Ba / ^{129}Cs / ^{132}Cs / ^{134}Cs / ^{136}Cs, E=30-70 MeV; measured Eγ, Iγ; deduced σ, integral yields. Comparison with other data and EMPIRE and ALICE-IPPE codes. JOUR ARISE 68 1869
^{135}La	2010TA12	NUCLEAR REACTIONS Ba(p, X)^{132}La / ^{135}La / ^{131}Ba / ^{133}Ba / ^{135}Ba / ^{129}Cs / ^{132}Cs / ^{134}Cs / ^{136}Cs, E=30-70 MeV; measured Eγ, Iγ; deduced σ, integral yields. Comparison with other data and EMPIRE and ALICE-IPPE codes. JOUR ARISE 68 1869

A=136

^{136}Cs	2010TA12	NUCLEAR REACTIONS Ba(p, X)^{132}La / ^{135}La / ^{131}Ba / ^{133}Ba / ^{135}Ba / ^{129}Cs / ^{132}Cs / ^{134}Cs / ^{136}Cs, E=30-70 MeV; measured Eγ, Iγ; deduced σ, integral yields. Comparison with other data and EMPIRE and ALICE-IPPE codes. JOUR ARISE 68 1869
^{136}Ba	2008JAZU	NUCLEAR REACTIONS ^{130}Te(^{9}Be, X), E=35-44 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{134,135,136}Ba, ^{132}Xe deduced σ; ^{132}Xe deduced levels, J, π; ^{132}Xe calculated levels, J, π using E(5) symmetry. Results on CD only. CONF E.Lansing (NS2008),P123,Jain
	2008MUZU	NUCLEAR REACTIONS ^{136}Ba(n, n'γ), E=2.2-3.9 MeV; measured $\sigma(\theta)$; deduced mixed-symmetry state at 2.129 MeV. Abstract only. CONF E.Lansing (NS2008),P146,Mukhopadhyay
^{136}La	2010BH08	NUCLEAR REACTIONS ^{130}Te(^{11}B, 5nγ)^{136}La, E=52 MeV; ^{130}Te(^{12}C, xn)^{137}Cs / ^{138}Cs, E=63 MeV; measured Eγ, Iγ, γ-γ, γ-γ-γ-coin.; deduced level scheme, J, π, bands, B(M1). Comparison with tilted axis cranking calculations. JOUR PRAMC 75 25

A=137

^{137}Cs	2010BH08	NUCLEAR REACTIONS ^{130}Te(^{11}B, 5nγ)^{136}La, E=52 MeV; ^{130}Te(^{12}C, xn)^{137}Cs / ^{138}Cs, E=63 MeV; measured Eγ, Iγ, γ-γ, γ-γ-γ-coin.; deduced level scheme, J, π, bands, B(M1). Comparison with tilted axis cranking calculations. JOUR PRAMC 75 25

A=138

^{138}Sn	2010OH02	NUCLEAR REACTIONS Be, Pb(^{238}U, F), E=345 MeV / nucleon; measured yields of fission fragments. Z=20-56, A=52-152; measured yields. ^{71}Mn, ^{73,74}Fe, ^{76}Co, ^{79}Ni, ^{81,82}Cu, ^{84,85}Zn, ^{87}Ga, ^{90}Ge, ^{95}Se, ^{98}Br, ^{101}Kr, ^{103}Rb, ^{106,107}Sr, ^{108,109}Y, ^{111,112}Zr, ^{114,115}Nb, ^{115,116,117}Mo, ^{119,120}Tc, ^{121,122,123,124}Ru, ^{123,124,125,126}Rh, ^{127,128}Pd, ^{133}Cd, ^{138}Sn, ^{140}Sb, ^{143}Te, ^{145}I, ^{148}Xe, ^{152}Ba; measured yields and cross sections, identified new isotopes using RI beam factory at RIKEN, ΔE-TOF-Bρ method. JOUR JUPSA 79 073201
^{138}Cs	2009PA49	NUCLEAR REACTIONS ^{238}U(p, X)^{122}Cs / ^{123}Cs / ^{124}Cs / ^{125}Cs / ^{126}Cs / ^{127}Cs / ^{128}Cs / ^{129}Cs / ^{130}Cs / ^{132}Cs / ^{138}Cs / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{143}Cs / ^{144}Cs / ^{145}Cs / ^{146}Cs / ^{147}Cs / ^{148}Cs / ^{202}Fr / ^{203}Fr / ^{204}Fr / ^{205}Fr / ^{206}Fr / ^{207}Fr / ^{208}Fr / ^{209}Fr / ^{210}Fr / ^{211}Fr / ^{212}Fr / ^{213}Fr / ^{214}Fr / ^{218}Fr / ^{219}Fr / ^{220}Fr / ^{221}Fr / ^{222}Fr / ^{223}Fr / ^{224}Fr / ^{225}Fr / ^{226}Fr / ^{227}Fr / ^{228}Fr, E=1 GeV; measured fission and spallation yields from different mass targets; deduced effect of target size. JOUR ZAANE 42 495
	2010BH08	NUCLEAR REACTIONS ^{130}Te(^{11}B, 5nγ)^{136}La, E=52 MeV; ^{130}Te(^{12}C, xn)^{137}Cs / ^{138}Cs, E=63 MeV; measured Eγ, Iγ, γ-γ, γ-γ-γ-coin.; deduced level scheme, J, π, bands, B(M1). Comparison with tilted axis cranking calculations. JOUR PRAMC 75 25

A=139

^{139}Cs	2009PA49	NUCLEAR REACTIONS ^{238}U(p, X)^{122}Cs / ^{123}Cs / ^{124}Cs / ^{125}Cs / ^{126}Cs / ^{127}Cs / ^{128}Cs / ^{129}Cs / ^{130}Cs / ^{132}Cs / ^{138}Cs / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{143}Cs / ^{144}Cs / ^{145}Cs / ^{146}Cs / ^{147}Cs / ^{148}Cs / ^{202}Fr / ^{203}Fr / ^{204}Fr / ^{205}Fr / ^{206}Fr / ^{207}Fr / ^{208}Fr / ^{209}Fr / ^{210}Fr / ^{211}Fr / ^{212}Fr / ^{213}Fr / ^{214}Fr / ^{218}Fr / ^{219}Fr / ^{220}Fr / ^{221}Fr / ^{222}Fr / ^{223}Fr / ^{224}Fr / ^{225}Fr / ^{226}Fr / ^{227}Fr / ^{228}Fr, E=1 GeV; measured fission and spallation yields from different mass targets; deduced effect of target size. JOUR ZAANE 42 495
	2010LI24	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, I$\gamma(\theta)$, $\gamma\gamma$-coin. ^{139,142}Cs; deduced high-spin states, levels, J, π, bands, ICC, δ. ^{139}Cs calculated levels, J, π, δ using shell model. JOUR NUPAB 834 78c
^{139}Nd	2009XU08	NUCLEAR REACTIONS ^{128}Te(^{16}O, 5n)^{139}Nd, E=90 MeV; measured Eγ, Iγ, γ-γ-coin.; deduced high-spin states, level scheme, J, π, collective bands. JOUR CPCHC 33 s01 185

A=140

^{140}Sb	2010OH02	NUCLEAR REACTIONS Be, Pb(^{238}U, F), E=345 MeV / nucleon; measured yields of fission fragments. Z=20-56, A=52-152; measured yields. ^{71}Mn, ^{73,74}Fe, ^{76}Co, ^{79}Ni, ^{81,82}Cu, ^{84,85}Zn, ^{87}Ga, ^{90}Ge, ^{95}Se, ^{98}Br, ^{101}Kr, ^{103}Rb, ^{106,107}Sr, ^{108,109}Y, ^{111,112}Zr, ^{114,115}Nb, ^{115,116,117}Mo, ^{119,120}Tc, ^{121,122,123,124}Ru, ^{123,124,125,126}Rh, ^{127,128}Pd, ^{133}Cd, ^{138}Sn, ^{140}Sb, ^{143}Te, ^{145}I, ^{148}Xe, ^{152}Ba; measured yields and cross sections, identified new isotopes using RI beam factory at RIKEN, ΔE-TOF-Bρ method. JOUR JUPSA 79 073201
^{140}Cs	2009PA49	NUCLEAR REACTIONS ^{238}U(p, X)^{122}Cs / ^{123}Cs / ^{124}Cs / ^{125}Cs / ^{126}Cs / ^{127}Cs / ^{128}Cs / ^{129}Cs / ^{130}Cs / ^{132}Cs / ^{138}Cs / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{143}Cs / ^{144}Cs / ^{145}Cs / ^{146}Cs / ^{147}Cs / ^{148}Cs / ^{202}Fr / ^{203}Fr / ^{204}Fr / ^{205}Fr / ^{206}Fr / ^{207}Fr / ^{208}Fr / ^{209}Fr / ^{210}Fr / ^{211}Fr / ^{212}Fr / ^{213}Fr / ^{214}Fr / ^{218}Fr / ^{219}Fr / ^{220}Fr / ^{221}Fr / ^{222}Fr / ^{223}Fr / ^{224}Fr / ^{225}Fr / ^{226}Fr / ^{227}Fr / ^{228}Fr, E=1 GeV; measured fission and spallation yields from different mass targets; deduced effect of target size. JOUR ZAANE 42 495
^{140}Ba	2010AD13	NUCLEAR REACTIONS ^{232}Th(n, γ), (n, 2n), (n, F)^{99}Mo, ^{235,238}U(n, γ), (n, F)^{99}Mo / ^{132}Te / ^{133}I / ^{135}I / ^{135}Xe / ^{140}Ba / ^{143}Ce, E=thermal-1000 MeV [from ^{208}Pb(d, X), E=1.6 GeV spallation source]; measured Eγ, Iγ using HPGe detectors; deduced σ, reaction and transmutation rates. Comparison with simulations and TARC experimental data. JOUR ZAANE 43 159
^{140}La	2010GA21	NUCLEAR REACTIONS ^{237}Np(γ, F)^{135}Cs, ^{238}U(γ, F)^{140}La, ^{65}Cu(γ, n)^{64}Cu, E<25 MeV; measured reaction products, Eγ, Iγ; deduced isomer yield ratios. Comparison with calculation. JOUR PANUE 73 1477

A=141

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

A=142

^{142}Cs	2009PA49	NUCLEAR REACTIONS ^{238}U(p, X)^{122}Cs / ^{123}Cs / ^{124}Cs / ^{125}Cs / ^{126}Cs / ^{127}Cs / ^{128}Cs / ^{129}Cs / ^{130}Cs / ^{132}Cs / ^{138}Cs / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{143}Cs / ^{144}Cs / ^{145}Cs / ^{146}Cs / ^{147}Cs / ^{148}Cs / ^{202}Fr / ^{203}Fr / ^{204}Fr / ^{205}Fr / ^{206}Fr / ^{207}Fr / ^{208}Fr / ^{209}Fr / ^{210}Fr / ^{211}Fr / ^{212}Fr / ^{213}Fr / ^{214}Fr / ^{218}Fr / ^{219}Fr / ^{220}Fr / ^{221}Fr / ^{222}Fr / ^{223}Fr / ^{224}Fr / ^{225}Fr / ^{226}Fr / ^{227}Fr / ^{228}Fr, E=1 GeV; measured fission and spallation yields from different mass targets; deduced effect of target size. JOUR ZAANE 42 495
	2010LI24	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, I$\gamma(\theta)$, $\gamma\gamma$-coin. ^{139,142}Cs; deduced high-spin states, levels, J, π, bands, ICC, δ. ^{139}Cs calculated levels, J, π, δ using shell model. JOUR NUPAB 834 78c

A=143

^{143}Te	2010OH02	NUCLEAR REACTIONS Be, Pb(^{238}U, F), E=345 MeV / nucleon; measured yields of fission fragments. Z=20-56, A=52-152; measured yields. ^{71}Mn, ^{73,74}Fe, ^{76}Co, ^{79}Ni, ^{81,82}Cu, ^{84,85}Zn, ^{87}Ga, ^{90}Ge, ^{95}Se, ^{98}Br, ^{101}Kr, ^{103}Rb, ^{106,107}Sr, ^{108,109}Y, ^{111,112}Zr, ^{114,115}Nb, ^{115,116,117}Mo, ^{119,120}Tc, ^{121,122,123,124}Ru, ^{123,124,125,126}Rh, ^{127,128}Pd, ^{133}Cd, ^{138}Sn, ^{140}Sb, ^{143}Te, ^{145}I, ^{148}Xe, ^{152}Ba; measured yields and cross sections, identified new isotopes using RI beam factory at RIKEN, ΔE-TOF-Bρ method. JOUR JUPSA 79 073201
^{143}Cs	2009PA49	NUCLEAR REACTIONS ^{238}U(p, X)^{122}Cs / ^{123}Cs / ^{124}Cs / ^{125}Cs / ^{126}Cs / ^{127}Cs / ^{128}Cs / ^{129}Cs / ^{130}Cs / ^{132}Cs / ^{138}Cs / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{143}Cs / ^{144}Cs / ^{145}Cs / ^{146}Cs / ^{147}Cs / ^{148}Cs / ^{202}Fr / ^{203}Fr / ^{204}Fr / ^{205}Fr / ^{206}Fr / ^{207}Fr / ^{208}Fr / ^{209}Fr / ^{210}Fr / ^{211}Fr / ^{212}Fr / ^{213}Fr / ^{214}Fr / ^{218}Fr / ^{219}Fr / ^{220}Fr / ^{221}Fr / ^{222}Fr / ^{223}Fr / ^{224}Fr / ^{225}Fr / ^{226}Fr / ^{227}Fr / ^{228}Fr, E=1 GeV; measured fission and spallation yields from different mass targets; deduced effect of target size. JOUR ZAANE 42 495
^{143}Ce	2010AD13	NUCLEAR REACTIONS ^{232}Th(n, γ), (n, 2n), (n, F)^{99}Mo, ^{235,238}U(n, γ), (n, F)^{99}Mo / ^{132}Te / ^{133}I / ^{135}I / ^{135}Xe / ^{140}Ba / ^{143}Ce, E=thermal-1000 MeV [from ^{208}Pb(d, X), E=1.6 GeV spallation source]; measured Eγ, Iγ using HPGe detectors; deduced σ, reaction and transmutation rates. Comparison with simulations and TARC experimental data. JOUR ZAANE 43 159

A=144

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

A=145

^{145}I	2010OH02	NUCLEAR REACTIONS Be, Pb(^{238}U, F), E=345 MeV / nucleon; measured yields of fission fragments. Z=20-56, A=52-152; measured yields. ^{71}Mn, ^{73,74}Fe, ^{76}Co, ^{79}Ni, ^{81,82}Cu, ^{84,85}Zn, ^{87}Ga, ^{90}Ge, ^{95}Se, ^{98}Br, ^{101}Kr, ^{103}Rb, ^{106,107}Sr, ^{108,109}Y, ^{111,112}Zr, ^{114,115}Nb, ^{115,116,117}Mo, ^{119,120}Tc, ^{121,122,123,124}Ru, ^{123,124,125,126}Rh, ^{127,128}Pd, ^{133}Cd, ^{138}Sn, ^{140}Sb, ^{143}Te, ^{145}I, ^{148}Xe, ^{152}Ba; measured yields and cross sections, identified new isotopes using RI beam factory at RIKEN, ΔE-TOF-Bρ method. JOUR JUPSA 79 073201
^{145}Cs	2009PA49	NUCLEAR REACTIONS ^{238}U(p, X)^{122}Cs / ^{123}Cs / ^{124}Cs / ^{125}Cs / ^{126}Cs / ^{127}Cs / ^{128}Cs / ^{129}Cs / ^{130}Cs / ^{132}Cs / ^{138}Cs / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{143}Cs / ^{144}Cs / ^{145}Cs / ^{146}Cs / ^{147}Cs / ^{148}Cs / ^{202}Fr / ^{203}Fr / ^{204}Fr / ^{205}Fr / ^{206}Fr / ^{207}Fr / ^{208}Fr / ^{209}Fr / ^{210}Fr / ^{211}Fr / ^{212}Fr / ^{213}Fr / ^{214}Fr / ^{218}Fr / ^{219}Fr / ^{220}Fr / ^{221}Fr / ^{222}Fr / ^{223}Fr / ^{224}Fr / ^{225}Fr / ^{226}Fr / ^{227}Fr / ^{228}Fr, E=1 GeV; measured fission and spallation yields from different mass targets; deduced effect of target size. JOUR ZAANE 42 495
	2010RZ01	RADIOACTIVITY ^{248}Cm(SF); measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$ using EUROGAM2 array. ^{145}Cs; deduced levels, J, π, multipolarities, bands, configurations, electric dipole moment D_0. ^{101,102}Nb; measured Eγ. Comparison with quasiparticle-rotor model calculations. Z=54-64, N=84-92; systematics of D_0 parameter for even nuclei of even neutron number. JOUR PRVCA 82 017301
^{145}Tb	2010MA37	RADIOACTIVITY ^{146}Ho(β^-), ^{146}Dy(p) [from ^{92}Mo(^{58}Ni, n3p), E=383 MeV]; measured proton spectra, Eγ, Iγ, p-γ-coin.; deduced decay scheme, $T_{1/2}$, branching ratio, J, π. JOUR CPCHC 34 1082

A=146

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

A=146 *(continued)*

^{146}Nd	2010GL03	NUCLEAR REACTIONS ^{149}Sm(n, α), E=6.0 MeV; measured σ. Comparison with statistical-model calculations using TALYS code and with existing evaluations in various databases such as ENDF / B-VII. JOUR PRVCA 82 014601
^{146}Dy	2010MA37	RADIOACTIVITY ^{146}Ho(β^-), ^{146}Dy(p) [from ^{92}Mo(^{58}Ni, n3p), E=383 MeV]; measured proton spectra, Eγ, Iγ, p-γ-coin.; deduced decay scheme, $T_{1/2}$, branching ratio, J, π. JOUR CPCHC 34 1082
^{146}Ho	2010MA37	RADIOACTIVITY ^{146}Ho(β^-), ^{146}Dy(p) [from ^{92}Mo(^{58}Ni, n3p), E=383 MeV]; measured proton spectra, Eγ, Iγ, p-γ-coin.; deduced decay scheme, $T_{1/2}$, branching ratio, J, π. JOUR CPCHC 34 1082
^{146}Er	2010MA37	RADIOACTIVITY ^{146}Ho(β^-), ^{146}Dy(p) [from ^{92}Mo(^{58}Ni, n3p), E=383 MeV]; measured proton spectra, Eγ, Iγ, p-γ-coin.; deduced decay scheme, $T_{1/2}$, branching ratio, J, π. JOUR CPCHC 34 1082

A=147

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

A=148

^{148}Xe	2010OH02	NUCLEAR REACTIONS Be, Pb(^{238}U, F), E=345 MeV / nucleon; measured yields of fission fragments. Z=20-56, A=52-152; measured yields. ^{71}Mn, ^{73,74}Fe, ^{76}Co, ^{79}Ni, ^{81,82}Cu, ^{84,85}Zn, ^{87}Ga, ^{90}Ge, ^{95}Se, ^{98}Br, ^{101}Kr, ^{103}Rb, ^{106,107}Sr, ^{108,109}Y, ^{111,112}Zr, ^{114,115}Nb, ^{115,116,117}Mo, ^{119,120}Tc, ^{121,122,123,124}Ru, ^{123,124,125,126}Rh, ^{127,128}Pd, ^{133}Cd, ^{138}Sn, ^{140}Sb, ^{143}Te, ^{145}I, ^{148}Xe, ^{152}Ba; measured yields and cross sections, identified new isotopes using RI beam factory at RIKEN, ΔE-TOF-Bρ method. JOUR JUPSA 79 073201
^{148}Cs	2009PA49	NUCLEAR REACTIONS ^{238}U(p, X)^{122}Cs / ^{123}Cs / ^{124}Cs / ^{125}Cs / ^{126}Cs / ^{127}Cs / ^{128}Cs / ^{129}Cs / ^{130}Cs / ^{132}Cs / ^{138}Cs / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{143}Cs / ^{144}Cs / ^{145}Cs / ^{146}Cs / ^{147}Cs / ^{148}Cs / ^{202}Fr / ^{203}Fr / ^{204}Fr / ^{205}Fr / ^{206}Fr / ^{207}Fr / ^{208}Fr / ^{209}Fr / ^{210}Fr / ^{211}Fr / ^{212}Fr / ^{213}Fr / ^{214}Fr / ^{218}Fr / ^{219}Fr / ^{220}Fr / ^{221}Fr / ^{222}Fr / ^{223}Fr / ^{224}Fr / ^{225}Fr / ^{226}Fr / ^{227}Fr / ^{228}Fr, E=1 GeV; measured fission and spallation yields from different mass targets; deduced effect of target size. JOUR ZAANE 42 495
^{148}Pm	2010ZI01	NUCLEAR REACTIONS ^{150}Sm(μ, X)^{148}Pm / ^{149}Pm / ^{150}Pm / ^{149}Nd, E not given; measured Eγ, Iγ; deduced decay constant, $T_{1/2}$. JOUR BRSPE 74 825

A=148 *(continued)*

^{148}Sm	2010DA13	NUCLEAR REACTIONS ^{150}Sm(n, 2n), (n, 3n), (n, 2nγ), (n, 3nγ), E<35 MeV; measured TOF, Eγ, Iγ; deduced σ. Comparison with FKK GNASH calculations. JOUR NIMBE 268 114

A=149

^{149}Nd	2010ZI01	NUCLEAR REACTIONS ^{150}Sm(μ, X)^{148}Pm / ^{149}Pm / ^{150}Pm / ^{149}Nd, E not given; measured Eγ, Iγ; deduced decay constant, $T_{1/2}$. JOUR BRSPE 74 825
^{149}Pm	2010ZI01	NUCLEAR REACTIONS ^{150}Sm(μ, X)^{148}Pm / ^{149}Pm / ^{150}Pm / ^{149}Nd, E not given; measured Eγ, Iγ; deduced decay constant, $T_{1/2}$. JOUR BRSPE 74 825
^{149}Sm	2010DA13	NUCLEAR REACTIONS ^{150}Sm(n, 2n), (n, 3n), (n, 2nγ), (n, 3nγ), E<35 MeV; measured TOF, Eγ, Iγ; deduced σ. Comparison with FKK GNASH calculations. JOUR NIMBE 268 114
	2010INZY	RADIOACTIVITY ^{149}Eu(EC); measured Auger spectra. Sm; deduced ten groups of KLL-Auger. Electrostatic electron spectrometer. CONF St.-Petersburg,P92,Inoyatov
	2010INZZ	RADIOACTIVITY ^{149}Eu(EC) [Eu-fraction from Er(p, X), E=500 MeV]; measured Ece, Ice of $L_{(1-3)}$-, $M_{(1-3)}$-lines. ^{149}Sm; deduced δ. Combined electrostatic electron spectrometer. CONF St.-Petersburg,P86,Inoyatov
	2010PEZZ	RADIOACTIVITY ^{149}Eu(EC); measured Ece, Ice. Sm; deduced Γ of $L_{(1-3)}$, $M_{(1-3)}$, $N_{(1,3)}$ atomic levels. Combined electrostatic electron spectrometer, ΔEce=0.1 eV. CONF St.-Petersburg,P88,Perevoshchikov
^{149}Eu	2010INZY	RADIOACTIVITY ^{149}Eu(EC); measured Auger spectra. Sm; deduced ten groups of KLL-Auger. Electrostatic electron spectrometer. CONF St.-Petersburg,P92,Inoyatov
	2010INZZ	RADIOACTIVITY ^{149}Eu(EC) [Eu-fraction from Er(p, X), E=500 MeV]; measured Ece, Ice of $L_{(1-3)}$-, $M_{(1-3)}$-lines. ^{149}Sm; deduced δ. Combined electrostatic electron spectrometer. CONF St.-Petersburg,P86,Inoyatov
	2010PEZZ	RADIOACTIVITY ^{149}Eu(EC); measured Ece, Ice. Sm; deduced Γ of $L_{(1-3)}$, $M_{(1-3)}$, $N_{(1,3)}$ atomic levels. Combined electrostatic electron spectrometer, ΔEce=0.1 eV. CONF St.-Petersburg,P88,Perevoshchikov

A=150

^{150}Pm	2010ZI01	NUCLEAR REACTIONS ^{150}Sm(μ, X)^{148}Pm / ^{149}Pm / ^{150}Pm / ^{149}Nd, E not given; measured Eγ, Iγ; deduced decay constant, $T_{1/2}$. JOUR BRSPE 74 825

A=151

No references found

A=152

^{152}Ba	2010OH02	NUCLEAR REACTIONS Be, Pb(^{238}U, F), E=345 MeV / nucleon; measured yields of fission fragments. Z=20-56, A=52-152; measured yields. ^{71}Mn, ^{73,74}Fe, ^{76}Co, ^{79}Ni, ^{81,82}Cu, ^{84,85}Zn, ^{87}Ga, ^{90}Ge, ^{95}Se, ^{98}Br, ^{101}Kr, ^{103}Rb, ^{106,107}Sr, ^{108,109}Y, ^{111,112}Zr, ^{114,115}Nb, ^{115,116,117}Mo, ^{119,120}Tc, ^{121,122,123,124}Ru, ^{123,124,125,126}Rh, ^{127,128}Pd, ^{133}Cd, ^{138}Sn, ^{140}Sb, ^{143}Te, ^{145}I, ^{148}Xe, ^{152}Ba; measured yields and cross sections, identified new isotopes using RI beam factory at RIKEN, ΔE-TOF-Bρ method. JOUR JUPSA 79 073201
^{152}Sm	2010JI07	NUCLEAR REACTIONS ^{152,154}Sm, ^{184}W, ^{196}Pt, ^{208}Pb(^{16}O, ^{16}O'), E(cm)=35-70 MeV; measured $\sigma(\theta$=175°); calculated σ using CC and single-channel formalisms; deduced nuclear potential diffuseness parameters. JOUR NUPAB 834 189c
^{152}Gd	2010SH16	NUCLEAR REACTIONS ^{152,154}Sm(α, 4n), E=45 MeV; ^{152}Sm(α, 2n), E=25 MeV; ^{154}Sm(α, 3n), E=35 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, polarization. ^{152,154,155}Gd; deduced levels, J, π, rotational bands, bands. JOUR NUPAB 834 45c

A=153

^{153}Sm	2010BU06	NUCLEAR REACTIONS ^{152}Sm, ^{165}Ho, ^{55}Mn, ^{98}Mo, ^{197}Au(n, γ), E=epithermal; measured Eγ, Iγ; deduced resonance energies. Comparison with theoretical calculations. JOUR NIMBE 268 2578
^{153}Lu	2008BIZT	RADIOACTIVITY ^{161}Os(α)[from ^{106}Cd(^{58}Ni, X), E=cyclotron]; ^{157}Ta(α)[from ^{157}W(β^-)[from ^{161}Os(α)]]; measured Eα, Iα(t), (^{161}Os)α-coin. ^{161}Os, ^{157}W deduced $T_{1/2}$, reduced widths, Q-values. Results on CD only. CONF E.Lansing (NS2008),P81,Bianco

A=154

^{154}Sm	2010JI07	NUCLEAR REACTIONS ^{152,154}Sm, ^{184}W, ^{196}Pt, ^{208}Pb(^{16}O, ^{16}O'), E(cm)=35-70 MeV; measured $\sigma(\theta$=175°); calculated σ using CC and single-channel formalisms; deduced nuclear potential diffuseness parameters. JOUR NUPAB 834 189c
^{154}Gd	2010BA25	NUCLEAR REACTIONS ^{152}Sm(α, 2n), E=cyclotron; ^{147}Sm(^{16}O, 3n), E=cyclotron; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{160}Yb; deduced levels, J, π. ^{154}Gd, ^{160}Yb; deduced bands, aligned angular momenta. JOUR NUPAB 834 58c
	2010SH16	NUCLEAR REACTIONS ^{152,154}Sm(α, 4n), E=45 MeV; ^{152}Sm(α, 2n), E=25 MeV; ^{154}Sm(α, 3n), E=35 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, polarization. ^{152,154,155}Gd; deduced levels, J, π, rotational bands, bands. JOUR NUPAB 834 45c

A=155

^{155}Gd	2010AL15	NUCLEAR REACTIONS ^{156}Gd(p, d), E=25 MeV; measured Eγ, Iγ, Ed, Id, dγ-, d$\gamma\gamma$-coin, γd(θ), σ. ^{155}Gd; deduced levels, J, π, Nilsson configurations, L transfers, C^2_{jl} expansion coefficients, occupancies V^2. DWBA analysis of $\sigma(\theta)$ data. JOUR PRVCA 81 064316
	2010SH16	NUCLEAR REACTIONS ^{152,154}Sm(α, 4n), E=45 MeV; ^{152}Sm(α, 2n), E=25 MeV; ^{154}Sm(α, 3n), E=35 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, polarization. ^{152,154,155}Gd; deduced levels, J, π, rotational bands, bands. JOUR NUPAB 834 45c

A=156

^{156}Yb	2009HU19	NUCLEAR REACTIONS ^{144}Sm(^{16}O, 4n)^{156}Yb, E=102 MeV; measured Eγ, Iγ, γ-γ-coin.; deduced high-spin states, level scheme, yrast states, J, π, energies. JOUR CPCHC 33 s01 148

A=157

^{157}Ta	2008BIZT	RADIOACTIVITY ^{161}Os(α)[from ^{106}Cd(^{58}Ni, X), E=cyclotron]; ^{157}Ta(α)[from ^{157}W(β^-)[from ^{161}Os(α)]]; measured Eα, Iα(t), (^{161}Os)α-coin. ^{161}Os, ^{157}W deduced $T_{1/2}$, reduced widths, Q-values. Results on CD only. CONF E.Lansing (NS2008),P81,Bianco
^{157}W	2008BIZT	RADIOACTIVITY ^{161}Os(α)[from ^{106}Cd(^{58}Ni, X), E=cyclotron]; ^{157}Ta(α)[from ^{157}W(β^-)[from ^{161}Os(α)]]; measured Eα, Iα(t), (^{161}Os)α-coin. ^{161}Os, ^{157}W deduced $T_{1/2}$, reduced widths, Q-values. Results on CD only. CONF E.Lansing (NS2008),P81,Bianco

A=158

No references found

A=159

^{159}Lu	2009SH48	NUCLEAR REACTIONS ^{144}Sm(^{19}F, 4n)^{159}Lu, E=106 MeV; measured Eγ, Iγ, γ-γ-coin.; deduced high-spin states, level scheme, J, π, energies, rotational bands. JOUR CPCHC 33 s01 164

A=160

^{160}Dy	2010BOZZ	RADIOACTIVITY ^{160}Ho(EC); measured Ece, Ice. ^{160}Dy; deduced E0-level. Magnetic spectrograph. CONF St.-Petersburg,P93,Bogachenko
^{160}Ho	2010BOZZ	RADIOACTIVITY ^{160}Ho(EC); measured Ece, Ice. ^{160}Dy; deduced E0-level. Magnetic spectrograph. CONF St.-Petersburg,P93,Bogachenko

A=160 ***(continued)***

	2010VAZZ	RADIOACTIVITY ^{160}Er(EC), ^{160}Ho(IT); measured Eγ, Iγ, Ece, Ice, x-rays, $T_{1/2}$. ^{160}Ho; deduced level, J, π, multipolarities. YASNAPP-2 facility, two-quasiparticle structure suggested. CONF St.-Petersburg,P89,Vaganov
^{160}Er	2010VAZZ	RADIOACTIVITY ^{160}Er(EC), ^{160}Ho(IT); measured Eγ, Iγ, Ece, Ice, x-rays, $T_{1/2}$. ^{160}Ho; deduced level, J, π, multipolarities. YASNAPP-2 facility, two-quasiparticle structure suggested. CONF St.-Petersburg,P89,Vaganov
^{160}Yb	2010BA25	NUCLEAR REACTIONS ^{152}Sm(α, 2n), E=cyclotron; ^{147}Sm(^{16}O, 3n), E=cyclotron; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{160}Yb; deduced levels, J, π. ^{154}Gd, ^{160}Yb; deduced bands, aligned angular momenta. JOUR NUPAB 834 58c

A=161

^{161}Os	2008BIZT	RADIOACTIVITY ^{161}Os(α)[from ^{106}Cd(^{58}Ni, X), E=cyclotron]; ^{157}Ta(α)[from ^{157}W(β^-)[from ^{161}Os(α)]]; measured Eα, Iα(t), (^{161}Os)α-coin. ^{161}Os, ^{157}W deduced $T_{1/2}$, reduced widths, Q-values. Results on CD only. CONF E.Lansing (NS2008),P81,Bianco

A=162

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

A=163

No references found

A=164

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

A=165

No references found

A=166

^{166}Ho	2010BU06	NUCLEAR REACTIONS ^{152}Sm, ^{165}Ho, ^{55}Mn, ^{98}Mo, ^{197}Au(n, γ), E=epithermal; measured Eγ, Iγ; deduced resonance energies. Comparison with theoretical calculations. JOUR NIMBE 268 2578
^{166}Tm	2010ZH26	RADIOACTIVITY ^{162,164,166}Tm, ^{166,168,170,172}Lu, ^{170,172,174,176}Ta, ^{172,174,176,178,180}Re, ^{176,178,180,182}Ir, ^{182,184,186,188}Au(IT); measured Eγ, I$\gamma(\theta)$, $\gamma\gamma$-, (K X-ray)γ-coin using in-beam spectroscopy; deduced bands, signature splittings, systematics. ^{172}Re; deduced high spin levels, J, π. JOUR NUPAB 834 32c
^{166}Lu	2010ZH26	RADIOACTIVITY ^{162,164,166}Tm, ^{166,168,170,172}Lu, ^{170,172,174,176}Ta, ^{172,174,176,178,180}Re, ^{176,178,180,182}Ir, ^{182,184,186,188}Au(IT); measured Eγ, I$\gamma(\theta)$, $\gamma\gamma$-, (K X-ray)γ-coin using in-beam spectroscopy; deduced bands, signature splittings, systematics. ^{172}Re; deduced high spin levels, J, π. JOUR NUPAB 834 32c

A=167

No references found

A=168

^{168}Lu	2010ZH26	RADIOACTIVITY ^{162,164,166}Tm, ^{166,168,170,172}Lu, ^{170,172,174,176}Ta, ^{172,174,176,178,180}Re, ^{176,178,180,182}Ir, ^{182,184,186,188}Au(IT); measured Eγ, I$\gamma(\theta)$, $\gamma\gamma$-, (K X-ray)γ-coin using in-beam spectroscopy; deduced bands, signature splittings, systematics. ^{172}Re; deduced high spin levels, J, π. JOUR NUPAB 834 32c
^{168}Hf	2008YAZN	NUCLEAR REACTIONS ^{96}Zr(^{76}Ge, 4n), E=310 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, thin, thick target; deduced E, J, π, deformation, inertia moment, bands, superdeformation. Results on CD only. CONF E.Lansing (NS2008),P41,Yadav

A=169

No references found

A=170

^{170}Lu	2010ZH26	RADIOACTIVITY ^{162,164,166}Tm, ^{166,168,170,172}Lu, ^{170,172,174,176}Ta, ^{172,174,176,178,180}Re, ^{176,178,180,182}Ir, ^{182,184,186,188}Au(IT); measured Eγ, I$\gamma(\theta)$, $\gamma\gamma$-, (K X-ray)γ-coin using in-beam spectroscopy; deduced bands, signature splittings, systematics. ^{172}Re; deduced high spin levels, J, π. JOUR NUPAB 834 32c
^{170}Ta	2010AG06	NUCLEAR REACTIONS ^{124}Sn(^{51}V, 5n), E=228 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$ using Gammasphere array. ^{170}Ta; deduced levels, J, π, rotational bands, configurations, Routhians, signature inversions, B(M1) / B(E2) ratios. JOUR PRVCA 81 064317

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

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

A=171

No references found

A=172

^{172}Yb 2008HAYY NUCLEAR REACTIONS ^{171,173}Yb(d, p), E=18.5 MeV; measured Eγ, I$\gamma(\theta)$, Ep, Ip, pγ-coin; deduced $\sigma(^{171}\text{Yb})$ / $\sigma(^{173}\text{Yb})$. Surrogate reaction for (n, x). Results on CD only. CONF E.Lansing (NS2008),P60,Hatarik

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

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

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

^{172}Pt 2010JU02 RADIOACTIVITY ^{180}Pb(α)[from ^{92}Mo(^{90}Zr, 2n)]; ^{176}Hg(α)[from ^{180}Pb(α)]; measured Eγ, Iγ, $\alpha\gamma$-coin. ^{180,182,184,186,188}Pb(α), (β^+); measured Eγ, Iγ; deduced prolate bands aligned angular momentum. ^{254}No(IT); measured Eγ, Iγ; deduced rotational bands. JOUR NUPAB 834 15c

2010RA12 RADIOACTIVITY ^{180}Pb(α); measured Eα and half-life. ^{176,177}Hg, ^{179m}Tl(α); measured Eα. JOUR PRVCA 82 011303

A=173

^{173}Pt 2010RA12 RADIOACTIVITY ^{180}Pb(α); measured Eα and half-life. ^{176,177}Hg, ^{179m}Tl(α); measured Eα. JOUR PRVCA 82 011303

A=174

^{174}Yb	2008HAYY	NUCLEAR REACTIONS ^{171,173}Yb(d, p), E=18.5 MeV; measured Eγ, I$\gamma(\theta)$, Ep, Ip, pγ-coin; deduced $\sigma(^{171}$Yb) / $\sigma(^{173}$Yb). Surrogate reaction for (n, x). Results on CD only. CONF E.Lansing (NS2008),P60,Hatarik
^{174}Ta	2010ZH26	RADIOACTIVITY ^{162,164,166}Tm, ^{166,168,170,172}Lu, ^{170,172,174,176}Ta, ^{172,174,176,178,180}Re, ^{176,178,180,182}Ir, ^{182,184,186,188}Au(IT); measured Eγ, I$\gamma(\theta)$, $\gamma\gamma$-, (K X-ray)γ-coin using in-beam spectroscopy; deduced bands, signature splittings, systematics. ^{172}Re; deduced high spin levels, J, π. JOUR NUPAB 834 32c
^{174}Re	2010ZH26	RADIOACTIVITY ^{162,164,166}Tm, ^{166,168,170,172}Lu, ^{170,172,174,176}Ta, ^{172,174,176,178,180}Re, ^{176,178,180,182}Ir, ^{182,184,186,188}Au(IT); measured Eγ, I$\gamma(\theta)$, $\gamma\gamma$-, (K X-ray)γ-coin using in-beam spectroscopy; deduced bands, signature splittings, systematics. ^{172}Re; deduced high spin levels, J, π. JOUR NUPAB 834 32c

A=175

^{175}Au	2010RA12	RADIOACTIVITY ^{180}Pb(α); measured Eα and half-life. ^{176,177}Hg, ^{179m}Tl(α); measured Eα. JOUR PRVCA 82 011303

A=176

^{176}Ta	2010ZH26	RADIOACTIVITY ^{162,164,166}Tm, ^{166,168,170,172}Lu, ^{170,172,174,176}Ta, ^{172,174,176,178,180}Re, ^{176,178,180,182}Ir, ^{182,184,186,188}Au(IT); measured Eγ, I$\gamma(\theta)$, $\gamma\gamma$-, (K X-ray)γ-coin using in-beam spectroscopy; deduced bands, signature splittings, systematics. ^{172}Re; deduced high spin levels, J, π. JOUR NUPAB 834 32c
^{176}Re	2010ZH26	RADIOACTIVITY ^{162,164,166}Tm, ^{166,168,170,172}Lu, ^{170,172,174,176}Ta, ^{172,174,176,178,180}Re, ^{176,178,180,182}Ir, ^{182,184,186,188}Au(IT); measured Eγ, I$\gamma(\theta)$, $\gamma\gamma$-, (K X-ray)γ-coin using in-beam spectroscopy; deduced bands, signature splittings, systematics. ^{172}Re; deduced high spin levels, J, π. JOUR NUPAB 834 32c
^{176}Os	2009HA46	NUCLEAR REACTIONS ^{152}Sm(^{28}Si, 4n)^{176}Os, E=140 MeV; measured Eγ, Iγ, γ-γ-coin.; deduced high-spin states, $T_{1/2}$, lifetimes of the excited states in the yrast band, shape evolution. JOUR CPCHC 33 s01 151
^{176}Ir	2010ZH26	RADIOACTIVITY ^{162,164,166}Tm, ^{166,168,170,172}Lu, ^{170,172,174,176}Ta, ^{172,174,176,178,180}Re, ^{176,178,180,182}Ir, ^{182,184,186,188}Au(IT); measured Eγ, I$\gamma(\theta)$, $\gamma\gamma$-, (K X-ray)γ-coin using in-beam spectroscopy; deduced bands, signature splittings, systematics. ^{172}Re; deduced high spin levels, J, π. JOUR NUPAB 834 32c
^{176}Hg	2010JU02	RADIOACTIVITY ^{180}Pb(α)[from ^{92}Mo(^{90}Zr, 2n)]; ^{176}Hg(α)[from ^{180}Pb(α)]; measured Eγ, Iγ, $\alpha\gamma$-coin. ^{180,182,184,186,188}Pb(α), (β^+); measured Eγ, Iγ; deduced prolate bands aligned angular momentum. ^{254}No(IT); measured Eγ, Iγ; deduced rotational bands. JOUR NUPAB 834 15c

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

	2010RA12	RADIOACTIVITY ^{180}Pb(α); measured Eα and half-life. ^{176,177}Hg, ^{179m}Tl(α); measured Eα. JOUR PRVCA 82 011303

A=177

^{177}Hg	2010RA12	RADIOACTIVITY ^{180}Pb(α); measured Eα and half-life. ^{176,177}Hg, ^{179m}Tl(α); measured Eα. JOUR PRVCA 82 011303

A=178

^{178}Hf	2010GO12	NUCLEAR REACTIONS ^{178}Hf(n, nγ), E not given; measured Eγ, Iγ, γ-γ-coin.; deduced angular distribution of g-rays, rotational bands, level scheme, J, π, deformation. JOUR PANUE 73 1101
	2010GOZY	NUCLEAR REACTIONS ^{178}Hf(n, n'γ), E=fast; measured Eγ, I$\gamma(\theta)$. ^{178}Hf; deduced levels, δ, possible configurations. CONF St.-Petersburg,P116,Govor
^{178}Re	2010ZH26	RADIOACTIVITY ^{162,164,166}Tm, ^{166,168,170,172}Lu, ^{170,172,174,176}Ta, ^{172,174,176,178,180}Re, ^{176,178,180,182}Ir, ^{182,184,186,188}Au(IT); measured Eγ, I$\gamma(\theta)$, $\gamma\gamma$-, (K X-ray)γ-coin using in-beam spectroscopy; deduced bands, signature splittings, systematics. ^{172}Re; deduced high spin levels, J, π. JOUR NUPAB 834 32c
^{178}Ir	2010ZH26	RADIOACTIVITY ^{162,164,166}Tm, ^{166,168,170,172}Lu, ^{170,172,174,176}Ta, ^{172,174,176,178,180}Re, ^{176,178,180,182}Ir, ^{182,184,186,188}Au(IT); measured Eγ, I$\gamma(\theta)$, $\gamma\gamma$-, (K X-ray)γ-coin using in-beam spectroscopy; deduced bands, signature splittings, systematics. ^{172}Re; deduced high spin levels, J, π. JOUR NUPAB 834 32c
^{178}Hg	2010JU02	RADIOACTIVITY ^{180}Pb(α)[from ^{92}Mo(^{90}Zr, 2n)]; ^{176}Hg(α)[from ^{180}Pb(α)]; measured Eγ, Iγ, $\alpha\gamma$-coin. ^{180,182,184,186,188}Pb(α), (β^+); measured Eγ, Iγ; deduced prolate bands aligned angular momentum. ^{254}No(IT); measured Eγ, Iγ; deduced rotational bands. JOUR NUPAB 834 15c

A=179

^{179}Tl	2010RA12	RADIOACTIVITY ^{180}Pb(α); measured Eα and half-life. ^{176,177}Hg, ^{179m}Tl(α); measured Eα. JOUR PRVCA 82 011303

A=180

^{180}Hf	2008TAZB	NUCLEAR REACTIONS ^{232}Th(^{180}Hf, X), E=1300 MeV; measured E(particle), I(particle), Eγ, Iγ. ^{180}Hf deduced levels, J, π, bands. Abstract only. CONF E.Lansing (NS2008),P183,Tandel

A=180 *(continued)*

^{180}Re	2010ZH26	RADIOACTIVITY ^{162,164,166}Tm, ^{166,168,170,172}Lu, ^{170,172,174,176}Ta, ^{172,174,176,178,180}Re, ^{176,178,180,182}Ir, ^{182,184,186,188}Au(IT); measured Eγ, I$\gamma(\theta)$, $\gamma\gamma$-, (K X-ray)γ-coin using in-beam spectroscopy; deduced bands, signature splittings, systematics. ^{172}Re; deduced high spin levels, J, π. JOUR NUPAB 834 32c
^{180}Ir	2010ZH26	RADIOACTIVITY ^{162,164,166}Tm, ^{166,168,170,172}Lu, ^{170,172,174,176}Ta, ^{172,174,176,178,180}Re, ^{176,178,180,182}Ir, ^{182,184,186,188}Au(IT); measured Eγ, I$\gamma(\theta)$, $\gamma\gamma$-, (K X-ray)γ-coin using in-beam spectroscopy; deduced bands, signature splittings, systematics. ^{172}Re; deduced high spin levels, J, π. JOUR NUPAB 834 32c
^{180}Hg	2010JU02	RADIOACTIVITY ^{180}Pb(α)[from ^{92}Mo(^{90}Zr, 2n)]; ^{176}Hg(α)[from ^{180}Pb(α)]; measured Eγ, Iγ, $\alpha\gamma$-coin. ^{180,182,184,186,188}Pb(α), (β^+); measured Eγ, Iγ; deduced prolate bands aligned angular momentum. ^{254}No(IT); measured Eγ, Iγ; deduced rotational bands. JOUR NUPAB 834 15c
^{180}Tl	2010JU02	RADIOACTIVITY ^{180}Pb(α)[from ^{92}Mo(^{90}Zr, 2n)]; ^{176}Hg(α)[from ^{180}Pb(α)]; measured Eγ, Iγ, $\alpha\gamma$-coin. ^{180,182,184,186,188}Pb(α), (β^+); measured Eγ, Iγ; deduced prolate bands aligned angular momentum. ^{254}No(IT); measured Eγ, Iγ; deduced rotational bands. JOUR NUPAB 834 15c
^{180}Pb	2010JU02	RADIOACTIVITY ^{180}Pb(α)[from ^{92}Mo(^{90}Zr, 2n)]; ^{176}Hg(α)[from ^{180}Pb(α)]; measured Eγ, Iγ, $\alpha\gamma$-coin. ^{180,182,184,186,188}Pb(α), (β^+); measured Eγ, Iγ; deduced prolate bands aligned angular momentum. ^{254}No(IT); measured Eγ, Iγ; deduced rotational bands. JOUR NUPAB 834 15c
	2010RA12	NUCLEAR REACTIONS ^{92}Mo(^{90}Zr, 2n)^{180}Pb, E=400 MeV; measured Eγ, Iγ, (recoil)γ-, (recoil)$\alpha\gamma$ coin using the JUROGAM II array and recoil-decay tagging (RDT) technique. ^{180}Pb; deduced levels, J, π, band. Comparison with beyond-mean-field theoretical calculations. Z=82, A=180-208; systematics of spherical, prolate and oblate structures. JOUR PRVCA 82 011303
	2010RA12	RADIOACTIVITY ^{180}Pb(α); measured Eα and half-life. ^{176,177}Hg, ^{179m}Tl(α); measured Eα. JOUR PRVCA 82 011303

A=181

No references found

A=182

^{182}Os	2008MUZT	NUCLEAR REACTIONS ^{170}Er(^{13}C, X), E=70, 80 MeV; measured Eγ, Iγ, $\alpha\gamma$-coin; deduced levels, J. ^{180}W(^{20}Ne, X)^{182}Os, ^{180}W(^{20}Ne, X)^{186}Pt, ^{180}W(^{20}Ne, X)^{193}Pb, ^{180}W(^{20}Ne, X)^{196}Po, E not given; measured Eγ, Iγ, $\gamma\gamma$-coin, (particle)γ-coin. Results on CD only. CONF E.Lansing (NS2008),P147,Mullins

A=182 *(continued)*

^{182}Ir	2010ZH26	RADIOACTIVITY ^{162,164,166}Tm, ^{166,168,170,172}Lu, ^{170,172,174,176}Ta, ^{172,174,176,178,180}Re, ^{176,178,180,182}Ir, ^{182,184,186,188}Au(IT); measured Eγ, I$\gamma(\theta)$, $\gamma\gamma$-, (K X-ray)γ-coin using in-beam spectroscopy; deduced bands, signature splittings, systematics. ^{172}Re; deduced high spin levels, J, π. JOUR NUPAB 834 32c
^{182}Au	2010ZH26	RADIOACTIVITY ^{162,164,166}Tm, ^{166,168,170,172}Lu, ^{170,172,174,176}Ta, ^{172,174,176,178,180}Re, ^{176,178,180,182}Ir, ^{182,184,186,188}Au(IT); measured Eγ, I$\gamma(\theta)$, $\gamma\gamma$-, (K X-ray)γ-coin using in-beam spectroscopy; deduced bands, signature splittings, systematics. ^{172}Re; deduced high spin levels, J, π. JOUR NUPAB 834 32c
^{182}Hg	2010JU02	RADIOACTIVITY ^{180}Pb(α)[from ^{92}Mo(^{90}Zr, 2n)]; ^{176}Hg(α)[from ^{180}Pb(α)]; measured Eγ, Iγ, $\alpha\gamma$-coin. ^{180,182,184,186,188}Pb(α), (β^+); measured Eγ, Iγ; deduced prolate bands aligned angular momentum. ^{254}No(IT); measured Eγ, Iγ; deduced rotational bands. JOUR NUPAB 834 15c
^{182}Tl	2010JU02	RADIOACTIVITY ^{180}Pb(α)[from ^{92}Mo(^{90}Zr, 2n)]; ^{176}Hg(α)[from ^{180}Pb(α)]; measured Eγ, Iγ, $\alpha\gamma$-coin. ^{180,182,184,186,188}Pb(α), (β^+); measured Eγ, Iγ; deduced prolate bands aligned angular momentum. ^{254}No(IT); measured Eγ, Iγ; deduced rotational bands. JOUR NUPAB 834 15c
^{182}Pb	2010JU02	RADIOACTIVITY ^{180}Pb(α)[from ^{92}Mo(^{90}Zr, 2n)]; ^{176}Hg(α)[from ^{180}Pb(α)]; measured Eγ, Iγ, $\alpha\gamma$-coin. ^{180,182,184,186,188}Pb(α), (β^+); measured Eγ, Iγ; deduced prolate bands aligned angular momentum. ^{254}No(IT); measured Eγ, Iγ; deduced rotational bands. JOUR NUPAB 834 15c

A=183

No references found

A=184

^{184}W	2010JI07	NUCLEAR REACTIONS ^{152,154}Sm, ^{184}W, ^{196}Pt, ^{208}Pb(^{16}O, ^{16}O'), E(cm)=35-70 MeV; measured $\sigma(\theta$=175°); calculated σ using CC and single-channel formalisms; deduced nuclear potential diffuseness parameters. JOUR NUPAB 834 189c
^{184}Ir	2009YA25	NUCLEAR REACTIONS ^{197}Au(^{12}C, X)^{184}Ir / ^{185}Ir / ^{186}Ir / ^{187}Ir / ^{189}Ir / ^{190}Ir / ^{192}Ir / ^{194}Ir / ^{195}Ir / ^{196}Ir, E=47 MeV / nucleon; measured Eγ, Iγ; deduced σ. JOUR CPCHC 33 s01 196
^{184}Au	2010ZH26	RADIOACTIVITY ^{162,164,166}Tm, ^{166,168,170,172}Lu, ^{170,172,174,176}Ta, ^{172,174,176,178,180}Re, ^{176,178,180,182}Ir, ^{182,184,186,188}Au(IT); measured Eγ, I$\gamma(\theta)$, $\gamma\gamma$-, (K X-ray)γ-coin using in-beam spectroscopy; deduced bands, signature splittings, systematics. ^{172}Re; deduced high spin levels, J, π. JOUR NUPAB 834 32c

A=184 *(continued)*

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

A=185

^{185}Ir	2009YA25	NUCLEAR REACTIONS ^{197}Au(^{12}C, X)^{184}Ir / ^{185}Ir / ^{186}Ir / ^{187}Ir / ^{189}Ir / ^{190}Ir / ^{192}Ir / ^{194}Ir / ^{195}Ir / ^{196}Ir, E=47 MeV / nucleon; measured Eγ, Iγ; deduced σ. JOUR CPCHC 33 s01 196

A=186

^{186}Os	2008PHZW	NUCLEAR REACTIONS ^{185,187}Re(^{3}He, d), E=30 MeV; measured A(particle), Z(particle), E(particle), I(particle, θ); deduced levels, J, π, $\sigma(\theta)$. Calculated $\sigma(\theta)$ using DWUCK4. Results on CD only. CONF E.Lansing (NS2008),P160,Phillips
^{186}Ir	2009YA25	NUCLEAR REACTIONS ^{197}Au(^{12}C, X)^{184}Ir / ^{185}Ir / ^{186}Ir / ^{187}Ir / ^{189}Ir / ^{190}Ir / ^{192}Ir / ^{194}Ir / ^{195}Ir / ^{196}Ir, E=47 MeV / nucleon; measured Eγ, Iγ; deduced σ. JOUR CPCHC 33 s01 196
^{186}Pt	2008MUZT	NUCLEAR REACTIONS ^{170}Er(^{13}C, X), E=70, 80 MeV; measured Eγ, Iγ, $\alpha\gamma$-coin; deduced levels, J. ^{180}W(^{20}Ne, X)^{182}Os, ^{180}W(^{20}Ne, X)^{186}Pt, ^{180}W(^{20}Ne, X)^{193}Pb, ^{180}W(^{20}Ne, X)^{196}Po, E not given; measured Eγ, Iγ, $\gamma\gamma$-coin, (particle)γ-coin. Results on CD only. CONF E.Lansing (NS2008),P147,Mullins
^{186}Au	2010ZH26	RADIOACTIVITY ^{162,164,166}Tm, ^{166,168,170,172}Lu, ^{170,172,174,176}Ta, ^{172,174,176,178,180}Re, ^{176,178,180,182}Ir, ^{182,184,186,188}Au(IT); measured Eγ, I$\gamma(\theta)$, $\gamma\gamma$-, (K X-ray)γ-coin using in-beam spectroscopy; deduced bands, signature splittings, systematics. ^{172}Re; deduced high spin levels, J, π. JOUR NUPAB 834 32c
^{186}Tl	2010JU02	RADIOACTIVITY ^{180}Pb(α)[from ^{92}Mo(^{90}Zr, 2n)]; ^{176}Hg(α)[from ^{180}Pb(α)]; measured Eγ, Iγ, $\alpha\gamma$-coin. ^{180,182,184,186,188}Pb(α), (β^+); measured Eγ, Iγ; deduced prolate bands aligned angular momentum. ^{254}No(IT); measured Eγ, Iγ; deduced rotational bands. JOUR NUPAB 834 15c

A=186 *(continued)*

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

A=187

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

A=188

^{188}Os	2008PHZW	NUCLEAR REACTIONS ^{185,187}Re(^{3}He, d), E=30 MeV; measured A(particle), Z(particle), E(particle), I(particle, θ); deduced levels, J, π, $\sigma(\theta)$. Calculated $\sigma(\theta)$ using DWUCK4. Results on CD only. CONF E.Lansing (NS2008),P160,Phillips

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

	2010FU04	NUCLEAR REACTIONS ^{186,187,188}Os(n, γ), E=1 eV-1 MeV; measured neutron time-of-flight spectra, σ at CERN n_TOF facility; deduced resonance energies and parameters, strength functions, radiative and neutron widths, resonance kernels, stellar enhancement factors, and average level spacings. R-matrix analysis of neutron resonance spectra. Hauser-Feshbach statistical model. Comparison with previous data. Discussed s-process component of ^{187}Os abundance and impact on the time duration of galactic nucleosynthesis via the Re / Os cosmochronometer. JOUR PRVCA 82 015804
	2010MO15	NUCLEAR REACTIONS ^{186,187,188}Os(n, γ), E=1 eV-1 MeV; measured neutron time-of-flight spectra and σ at CERN n_TOF facility; deduced resonances and Maxwellian averaged cross sections (MACS). R-matrix analysis of neutron resonance spectra. Relevance to radiogenic component of the abundance of ^{187}Os and Re / Os cosmochronometer. Comparison with previous data. JOUR PRVCA 82 015802
	2010MO16	NUCLEAR REACTIONS ^{187,188}Os(n, n'), E=30 keV; measured neutron time-of-flight spectra at CERN n_TOF facility; deduced σ. Comparison with previous data and with coupled-channel (CC) calculations. Relevance to ^{187}Os and Re / Os cosmochronometer. JOUR PRVCA 82 015803
^{188}Ir	2010SZ03	NUCLEAR REACTIONS ^{192}Os(p, n), (p, 3n), (p, 4n), (p, 5n), (p, 6n), Cu(p, n)^{65}Zn, Al(p, X)^{24}Na, Cu(p, X)^{62}Zn E < 66 MeV; measured reaction products, Eγ, Iγ; deduced σ, integral yields. Comparison with model code ALICE / ASH. JOUR NIMBE 268 3306
^{188}Au	2010ZH26	RADIOACTIVITY ^{162,164,166}Tm, ^{166,168,170,172}Lu, ^{170,172,174,176}Ta, ^{172,174,176,178,180}Re, ^{176,178,180,182}Ir, ^{182,184,186,188}Au(IT); measured Eγ, I$\gamma(\theta)$, $\gamma\gamma$-, (K X-ray)γ-coin using in-beam spectroscopy; deduced bands, signature splittings, systematics. ^{172}Re; deduced high spin levels, J, π. JOUR NUPAB 834 32c
^{188}Tl	2010JU02	RADIOACTIVITY ^{180}Pb(α)[from ^{92}Mo(^{90}Zr, 2n)]; ^{176}Hg(α)[from ^{180}Pb(α)]; measured Eγ, Iγ, $\alpha\gamma$-coin. ^{180,182,184,186,188}Pb(α), (β^+); measured Eγ, Iγ; deduced prolate bands aligned angular momentum. ^{254}No(IT); measured Eγ, Iγ; deduced rotational bands. JOUR NUPAB 834 15c
^{188}Pb	2010JU02	RADIOACTIVITY ^{180}Pb(α)[from ^{92}Mo(^{90}Zr, 2n)]; ^{176}Hg(α)[from ^{180}Pb(α)]; measured Eγ, Iγ, $\alpha\gamma$-coin. ^{180,182,184,186,188}Pb(α), (β^+); measured Eγ, Iγ; deduced prolate bands aligned angular momentum. ^{254}No(IT); measured Eγ, Iγ; deduced rotational bands. JOUR NUPAB 834 15c

A=189

^{189}W	2009YU11	RADIOACTIVITY ^{189}W(β^-) [from ^{192}Os(n, α)^{189}Re, E=14 MeV];measured Eγ, Iγ, X-γ-coin., γ-γ-coin.; deduced decay scheme, J, π, energies. JOUR CPCHC 33 s01 191

A=189 *(continued)*

^{189}Re	2009YU11	RADIOACTIVITY ^{189}W(β^-) [from ^{192}Os(n, α)^{189}Re, E=14 MeV];measured Eγ, Iγ, X-γ-coin., γ-γ-coin.; deduced decay scheme, J, π, energies. JOUR CPCHC 33 s01 191
^{189}Os	2010FU04	NUCLEAR REACTIONS ^{186,187,188}Os(n, γ), E=1 eV-1 MeV; measured neutron time-of-flight spectra, σ at CERN n_TOF facility; deduced resonance energies and parameters, strength functions, radiative and neutron widths, resonance kernels, stellar enhancement factors, and average level spacings. R-matrix analysis of neutron resonance spectra. Hauser-Feshbach statistical model. Comparison with previous data. Discussed s-process component of ^{187}Os abundance and impact on the time duration of galactic nucleosynthesis via the Re / Os cosmochronometer. JOUR PRVCA 82 015804
	2010MO15	NUCLEAR REACTIONS ^{186,187,188}Os(n, γ), E=1 eV-1 MeV; measured neutron time-of-flight spectra and σ at CERN n_TOF facility; deduced resonances and Maxwellian averaged cross sections (MACS). R-matrix analysis of neutron resonance spectra. Relevance to radiogenic component of the abundance of ^{187}Os and Re / Os cosmochronometer. Comparison with previous data. JOUR PRVCA 82 015802
^{189}Ir	2009YA25	NUCLEAR REACTIONS ^{197}Au(^{12}C, X)^{184}Ir / ^{185}Ir / ^{186}Ir / ^{187}Ir / ^{189}Ir / ^{190}Ir / ^{192}Ir / ^{194}Ir / ^{195}Ir / ^{196}Ir, E=47 MeV / nucleon; measured Eγ, Iγ; deduced σ. JOUR CPCHC 33 s01 196
	2010SZ03	NUCLEAR REACTIONS ^{192}Os(p, n), (p, 3n), (p, 4n), (p, 5n), (p, 6n), Cu(p, n)^{65}Zn, Al(p, X)^{24}Na, Cu(p, X)^{62}Zn E < 66 MeV; measured reaction products, Eγ, Iγ; deduced σ, integral yields. Comparison with model code ALICE / ASH. JOUR NIMBE 268 3306
^{189}Pt	2009HU17	NUCLEAR REACTIONS ^{176}Yb(^{18}O, 5n), E=88, 95 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin.; deduced level energies, J, π, bands, deformation. Triaxial particle-rotor model. JOUR CPCHC 33 743

A=190

^{190}Ir	2009YA25	NUCLEAR REACTIONS ^{197}Au(^{12}C, X)^{184}Ir / ^{185}Ir / ^{186}Ir / ^{187}Ir / ^{189}Ir / ^{190}Ir / ^{192}Ir / ^{194}Ir / ^{195}Ir / ^{196}Ir, E=47 MeV / nucleon; measured Eγ, Iγ; deduced σ. JOUR CPCHC 33 s01 196
	2010SZ03	NUCLEAR REACTIONS ^{192}Os(p, n), (p, 3n), (p, 4n), (p, 5n), (p, 6n), Cu(p, n)^{65}Zn, Al(p, X)^{24}Na, Cu(p, X)^{62}Zn E < 66 MeV; measured reaction products, Eγ, Iγ; deduced σ, integral yields. Comparison with model code ALICE / ASH. JOUR NIMBE 268 3306
^{190}Pt	2008MA58	NUCLEAR REACTIONS ^{176}Yb(^{18}O, 4n), E=88, 95 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, DCO. ^{190}Pt; deduced levels, J, π, bands, configurations. JOUR CPCHC 32 31
^{190}Pb	2008NIZR	NUCLEAR REACTIONS ^{166}Er(^{28}Si, 4n), E=140 MeV; measured Eγ, Iγ, E(ce), I(ce); deduced isomer decay, $T_{1/2}$. Results on CD only. CONF E.Lansing (NS2008),P153,Nieminen

A=191

No references found

A=192

^{192}Ir	2009YA25	NUCLEAR REACTIONS ^{197}Au(^{12}C, X)^{184}Ir / ^{185}Ir / ^{186}Ir / ^{187}Ir / ^{189}Ir / ^{190}Ir / ^{192}Ir / ^{194}Ir / ^{195}Ir / ^{196}Ir, E=47 MeV / nucleon; measured Eγ, Iγ; deduced σ. JOUR CPCHC 33 s01 196
	2010SZ03	NUCLEAR REACTIONS ^{192}Os(p, n), (p, 3n), (p, 4n), (p, 5n), (p, 6n), Cu(p, n)^{65}Zn, Al(p, X)^{24}Na, Cu(p, X)^{62}Zn E < 66 MeV; measured reaction products, Eγ, Iγ; deduced σ, integral yields. Comparison with model code ALICE / ASH. JOUR NIMBE 268 3306
^{192}Pb	2010WI08	NUCLEAR REACTIONS ^{168}Er(^{29}Si, 5n), E=154 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin using Gammasphere HPGe detector array. ^{192}Pb; deduced levels, J, π, multipolarities, deformation, configurations. Time-correlated spectroscopy, DCO analysis. Comparison with systematics. JOUR ZAANE 43 145

A=193

^{193}Pb	2008MUZT	NUCLEAR REACTIONS ^{170}Er(^{13}C, X), E=70, 80 MeV; measured Eγ, Iγ, $\alpha\gamma$-coin; deduced levels, J. ^{180}W(^{20}Ne, X)^{182}Os, ^{180}W(^{20}Ne, X)^{186}Pt, ^{180}W(^{20}Ne, X)^{193}Pb, ^{180}W(^{20}Ne, X)^{196}Po, E not given; measured Eγ, Iγ, $\gamma\gamma$-coin, (particle)γ-coin. Results on CD only. CONF E.Lansing (NS2008),P147,Mullins

A=194

^{194}Ir	2009YA25	NUCLEAR REACTIONS ^{197}Au(^{12}C, X)^{184}Ir / ^{185}Ir / ^{186}Ir / ^{187}Ir / ^{189}Ir / ^{190}Ir / ^{192}Ir / ^{194}Ir / ^{195}Ir / ^{196}Ir, E=47 MeV / nucleon; measured Eγ, Iγ; deduced σ. JOUR CPCHC 33 s01 196
^{194}Au	2010BeZT	NUCLEAR REACTIONS ^{197}Au(γ, n), (γ, 2n), (γ, 3n), Eγ=30 MeV bremsstrahlung; measured isomeric yield ratios with activation method. ^{196m2,g,195,194}Au; deduced Y_m / Y_g. CONF St.-Petersburg,P188,Belyshev
	2010DE19	NUCLEAR REACTIONS Pt(^{6}Li, X)^{194}Au / ^{196}Au / ^{198}Au / ^{199}Au / ^{197}Hg, E=42.5 MeV; measured reaction products, Eγ, Iγ; deduced σ, dominant cluster contribution. Comparison with EMPIRE-2.18. JOUR BRSPE 74 777
^{194}Tl	2010MAZW	NUCLEAR REACTIONS ^{181}Ta(^{18}O, 5nγ), E=91 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, $T_{1/2}$ by DSAM.^{194}Tl; deduced levels, J, π, τ band levels, B(M1) / B(E2), configuration. CONF St.-Petersburg,P65,Masiteng

A=195

^{195}Ir	2009YA25	NUCLEAR REACTIONS ^{197}Au(^{12}C, X)^{184}Ir / ^{185}Ir / ^{186}Ir / ^{187}Ir / ^{189}Ir / ^{190}Ir / ^{192}Ir / ^{194}Ir / ^{195}Ir / ^{196}Ir, E=47 MeV / nucleon; measured Eγ, Iγ; deduced σ. JOUR CPCHC 33 s01 196
^{195}Au	2010BeZT	NUCLEAR REACTIONS ^{197}Au(γ, n), (γ, 2n), (γ, 3n), Eγ=30 MeV bremsstrahlung; measured isomeric yield ratios with activation method. ^{196m2,g,195,194}Au; deduced Y_m / Y_g. CONF St.-Petersburg,P188,Belyshev

A=196

^{196}Ir	2009YA25	NUCLEAR REACTIONS ^{197}Au(^{12}C, X)^{184}Ir / ^{185}Ir / ^{186}Ir / ^{187}Ir / ^{189}Ir / ^{190}Ir / ^{192}Ir / ^{194}Ir / ^{195}Ir / ^{196}Ir, E=47 MeV / nucleon; measured Eγ, Iγ; deduced σ. JOUR CPCHC 33 s01 196
^{196}Pt	2010JI07	NUCLEAR REACTIONS ^{152,154}Sm, ^{184}W, ^{196}Pt, ^{208}Pb(^{16}O, ^{16}O'), E(cm)=35-70 MeV; measured $\sigma(\theta$=175°); calculated σ using CC and single-channel formalisms; deduced nuclear potential diffuseness parameters. JOUR NUPAB 834 189c
^{196}Au	2010BeZT	NUCLEAR REACTIONS ^{197}Au(γ, n), (γ, 2n), (γ, 3n), Eγ=30 MeV bremsstrahlung; measured isomeric yield ratios with activation method. ^{196m2,g,195,194}Au; deduced Y_m / Y_g. CONF St.-Petersburg,P188,Belyshev
	2010DE19	NUCLEAR REACTIONS Pt(^{6}Li, X)^{194}Au / ^{196}Au / ^{198}Au / ^{199}Au / ^{197}Hg, E=42.5 MeV; measured reaction products, Eγ, Iγ; deduced σ, dominant cluster contribution. Comparison with EMPIRE-2.18. JOUR BRSPE 74 777
	2010RA09	NUCLEAR REACTIONS ^{89}Y, ^{90}Zr, ^{93}Nb, ^{133}Cs, ^{197}Au(γ, n), ^{99}Tc(γ, 3n), E<32 MeV; measured Eγ, Iγ; deduced σ and uncertainties. Bremsstrahlung photons. JOUR JNSTA 47 618
^{196}Pb	2009AL32	NUCLEAR REACTIONS ^{9}Be(^{238}U, X)^{196}Pb / ^{197}Pb / ^{198}Pb / ^{199}Pb / ^{200}Pb / ^{201}Pb / ^{202}Pb / ^{203}Pb / ^{204}Pb / ^{205}Pb / ^{206}Pb / ^{207}Pb / ^{208}Pb / ^{209}Pb / ^{210}Pb / ^{214}Pb / ^{215}Pb / ^{216}Pb / ^{217}Pb / ^{218}Pb / ^{219}Pb / ^{199}Bi / ^{200}Bi / ^{201}Bi / ^{202}Bi / ^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi / ^{207}Bi / ^{208}Bi / ^{209}Bi / ^{210}Bi / ^{211}Bi / ^{212}Bi / ^{213}Bi / ^{214}Bi / ^{218}Bi / ^{219}Bi / ^{220}Bi / ^{221}Bi / ^{222}Bi / ^{223}Bi, E=1 GeV / nucleon; measured production σ. Comparison with other data. JOUR ZAANE 42 485
^{196}Po	2008MUZT	NUCLEAR REACTIONS ^{170}Er(^{13}C, X), E=70, 80 MeV; measured Eγ, Iγ, $\alpha\gamma$-coin; deduced levels, J. ^{180}W(^{20}Ne, X)^{182}Os, ^{180}W(^{20}Ne, X)^{186}Pt, ^{180}W(^{20}Ne, X)^{193}Pb, ^{180}W(^{20}Ne, X)^{196}Po, E not given; measured Eγ, Iγ, $\gamma\gamma$-coin, (particle)γ-coin. Results on CD only. CONF E.Lansing (NS2008),P147,Mullins

A=197

^{197}Au	2010GA14	NUCLEAR REACTIONS ^{197}Au(^{82}Ge, ^{82}Ge'), E=89.4 MeV / nucleon; ^{197}Au(^{84}Se, ^{84}Se'), E=95.4 MeV / nucleon; ^{9}Be(^{82}Ge, ^{82}Ge'), E=87.6 MeV / nucleon; ^{9}Be(^{84}Se, ^{84}Se'), E=92 MeV / nucleon, [^{82}Ge and ^{84}Se secondary beams from ^{9}Be(^{86}Kr, X), E=140 MeV / nucleon]; measured Eγ, Iγ, σ, (particle)γ-coin; ^{82}Ge, ^{84}Se; deduced levels, J, B(E2), $T_{1/2}$. Intermediate energy Coulomb excitation and inelastic scattering. Comparison with systematics of B(E2) values for first 2+ state in N=50 isotones for Z(even)=30-42 and even-even Ge (A=64-82) and Se (A=68-84) isotopes, and with shell-model calculations. Systematics of first 3- states in even-even Se (A=74-82) and N=50 isotones. JOUR PRVCA 81 064326
^{197}Hg	2010DE19	NUCLEAR REACTIONS Pt(^{6}Li, X)^{194}Au / ^{196}Au / ^{198}Au / ^{199}Au / ^{197}Hg, E=42.5 MeV; measured reaction products, Eγ, Iγ; deduced σ, dominant cluster contribution. Comparison with EMPIRE-2.18. JOUR BRSPE 74 777
^{197}Pb	2009AL32	NUCLEAR REACTIONS ^{9}Be(^{238}U, X)^{196}Pb / ^{197}Pb / ^{198}Pb / ^{199}Pb / ^{200}Pb / ^{201}Pb / ^{202}Pb / ^{203}Pb / ^{204}Pb / ^{205}Pb / ^{206}Pb / ^{207}Pb / ^{208}Pb / ^{209}Pb / ^{210}Pb / ^{214}Pb / ^{215}Pb / ^{216}Pb / ^{217}Pb / ^{218}Pb / ^{219}Pb / ^{199}Bi / ^{200}Bi / ^{201}Bi / ^{202}Bi / ^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi / ^{207}Bi / ^{208}Bi / ^{209}Bi / ^{210}Bi / ^{211}Bi / ^{212}Bi / ^{213}Bi / ^{214}Bi / ^{218}Bi / ^{219}Bi / ^{220}Bi / ^{221}Bi / ^{222}Bi / ^{223}Bi, E=1 GeV / nucleon; measured production σ. Comparison with other data. JOUR ZAANE 42 485

A=198

^{198}Au	2010BU06	NUCLEAR REACTIONS ^{152}Sm, ^{165}Ho, ^{55}Mn, ^{98}Mo, ^{197}Au(n, γ), E=epithermal; measured Eγ, Iγ; deduced resonance energies. Comparison with theoretical calculations. JOUR NIMBE 268 2578
	2010DE19	NUCLEAR REACTIONS Pt(^{6}Li, X)^{194}Au / ^{196}Au / ^{198}Au / ^{199}Au / ^{197}Hg, E=42.5 MeV; measured reaction products, Eγ, Iγ; deduced σ, dominant cluster contribution. Comparison with EMPIRE-2.18. JOUR BRSPE 74 777
	2010KA17	NUCLEAR REACTIONS ^{77}Se, ^{197}Au(n, γ), E=15-100, 510 keV; measured TOF, Eγ, Iγ; deduced σ, γ-ray multiplicities. Comparison with JENDL-3.3, ENDF / B-VII.0, ENDF / B-VI.8 libraries. JOUR JNSTA 47 634
	2010MA31	NUCLEAR REACTIONS ^{197}Au(n, γ), E<200 eV; measured neutron transmission, Eγ, Iγ; deduced yields, kernels, neutron resonance parameters. JOUR NIFBA 125 517
^{198}Pb	2009AL32	NUCLEAR REACTIONS ^{9}Be(^{238}U, X)^{196}Pb / ^{197}Pb / ^{198}Pb / ^{199}Pb / ^{200}Pb / ^{201}Pb / ^{202}Pb / ^{203}Pb / ^{204}Pb / ^{205}Pb / ^{206}Pb / ^{207}Pb / ^{208}Pb / ^{209}Pb / ^{210}Pb / ^{214}Pb / ^{215}Pb / ^{216}Pb / ^{217}Pb / ^{218}Pb / ^{219}Pb / ^{199}Bi / ^{200}Bi / ^{201}Bi / ^{202}Bi / ^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi / ^{207}Bi / ^{208}Bi / ^{209}Bi / ^{210}Bi / ^{211}Bi / ^{212}Bi / ^{213}Bi / ^{214}Bi / ^{218}Bi / ^{219}Bi / ^{220}Bi / ^{221}Bi / ^{222}Bi / ^{223}Bi, E=1 GeV / nucleon; measured production σ. Comparison with other data. JOUR ZAANE 42 485

A=199

^{199}Au	2010DE19	NUCLEAR REACTIONS Pt(^{6}Li, X)^{194}Au / ^{196}Au / ^{198}Au / ^{199}Au / ^{197}Hg, E=42.5 MeV; measured reaction products, Eγ, Iγ; deduced σ, dominant cluster contribution. Comparison with EMPIRE-2.18. JOUR BRSPE 74 777
^{199}Pb	2009AL32	NUCLEAR REACTIONS ^{9}Be(^{238}U, X)^{196}Pb / ^{197}Pb / ^{198}Pb / ^{199}Pb / ^{200}Pb / ^{201}Pb / ^{202}Pb / ^{203}Pb / ^{204}Pb / ^{205}Pb / ^{206}Pb / ^{207}Pb / ^{208}Pb / ^{209}Pb / ^{210}Pb / ^{214}Pb / ^{215}Pb / ^{216}Pb / ^{217}Pb / ^{218}Pb / ^{219}Pb / ^{199}Bi / ^{200}Bi / ^{201}Bi / ^{202}Bi / ^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi / ^{207}Bi / ^{208}Bi / ^{209}Bi / ^{210}Bi / ^{211}Bi / ^{212}Bi / ^{213}Bi / ^{214}Bi / ^{218}Bi / ^{219}Bi / ^{220}Bi / ^{221}Bi / ^{222}Bi / ^{223}Bi, E=1 GeV / nucleon; measured production σ. Comparison with other data. JOUR ZAANE 42 485
^{199}Bi	2009AL32	NUCLEAR REACTIONS ^{9}Be(^{238}U, X)^{196}Pb / ^{197}Pb / ^{198}Pb / ^{199}Pb / ^{200}Pb / ^{201}Pb / ^{202}Pb / ^{203}Pb / ^{204}Pb / ^{205}Pb / ^{206}Pb / ^{207}Pb / ^{208}Pb / ^{209}Pb / ^{210}Pb / ^{214}Pb / ^{215}Pb / ^{216}Pb / ^{217}Pb / ^{218}Pb / ^{219}Pb / ^{199}Bi / ^{200}Bi / ^{201}Bi / ^{202}Bi / ^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi / ^{207}Bi / ^{208}Bi / ^{209}Bi / ^{210}Bi / ^{211}Bi / ^{212}Bi / ^{213}Bi / ^{214}Bi / ^{218}Bi / ^{219}Bi / ^{220}Bi / ^{221}Bi / ^{222}Bi / ^{223}Bi, E=1 GeV / nucleon; measured production σ. Comparison with other data. JOUR ZAANE 42 485

A=200

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

A=201

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

A=201 ***(continued)***

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

A=202

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

A=203

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

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

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

A=204

^{204}Tl	2010QA01	NUCLEAR REACTIONS Ti(p, X)^{45}Ca / ^{49}V, E<200 MeV; Pb(p, X)^{204}Tl, E<90 MeV; measured Ee, Ie, x-rays, Eγ, Iγ; deduced σ. Radiochemical techniques, comparison with ALICE-IPPE and TALYS codes. JOUR RAACA 98 447
^{204}Pb	2009AL32	NUCLEAR REACTIONS ^{9}Be(^{238}U, X)^{196}Pb / ^{197}Pb / ^{198}Pb / ^{199}Pb / ^{200}Pb / ^{201}Pb / ^{202}Pb / ^{203}Pb / ^{204}Pb / ^{205}Pb / ^{206}Pb / ^{207}Pb / ^{208}Pb / ^{209}Pb / ^{210}Pb / ^{214}Pb / ^{215}Pb / ^{216}Pb / ^{217}Pb / ^{218}Pb / ^{219}Pb / ^{199}Bi / ^{200}Bi / ^{201}Bi / ^{202}Bi / ^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi / ^{207}Bi / ^{208}Bi / ^{209}Bi / ^{210}Bi / ^{211}Bi / ^{212}Bi / ^{213}Bi / ^{214}Bi / ^{218}Bi / ^{219}Bi / ^{220}Bi / ^{221}Bi / ^{222}Bi / ^{223}Bi, E=1 GeV / nucleon; measured production σ. Comparison with other data. JOUR ZAANE 42 485
^{204}Bi	2009AL32	NUCLEAR REACTIONS ^{9}Be(^{238}U, X)^{196}Pb / ^{197}Pb / ^{198}Pb / ^{199}Pb / ^{200}Pb / ^{201}Pb / ^{202}Pb / ^{203}Pb / ^{204}Pb / ^{205}Pb / ^{206}Pb / ^{207}Pb / ^{208}Pb / ^{209}Pb / ^{210}Pb / ^{214}Pb / ^{215}Pb / ^{216}Pb / ^{217}Pb / ^{218}Pb / ^{219}Pb / ^{199}Bi / ^{200}Bi / ^{201}Bi / ^{202}Bi / ^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi / ^{207}Bi / ^{208}Bi / ^{209}Bi / ^{210}Bi / ^{211}Bi / ^{212}Bi / ^{213}Bi / ^{214}Bi / ^{218}Bi / ^{219}Bi / ^{220}Bi / ^{221}Bi / ^{222}Bi / ^{223}Bi, E=1 GeV / nucleon; measured production σ. Comparison with other data. JOUR ZAANE 42 485
^{204}Fr	2009PA49	NUCLEAR REACTIONS ^{238}U(p, X)^{122}Cs / ^{123}Cs / ^{124}Cs / ^{125}Cs / ^{126}Cs / ^{127}Cs / ^{128}Cs / ^{129}Cs / ^{130}Cs / ^{132}Cs / ^{138}Cs / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{143}Cs / ^{144}Cs / ^{145}Cs / ^{146}Cs / ^{147}Cs / ^{148}Cs / ^{202}Fr / ^{203}Fr / ^{204}Fr / ^{205}Fr / ^{206}Fr / ^{207}Fr / ^{208}Fr / ^{209}Fr / ^{210}Fr / ^{211}Fr / ^{212}Fr / ^{213}Fr / ^{214}Fr / ^{218}Fr / ^{219}Fr / ^{220}Fr / ^{221}Fr / ^{222}Fr / ^{223}Fr / ^{224}Fr / ^{225}Fr / ^{226}Fr / ^{227}Fr / ^{228}Fr, E=1 GeV; measured fission and spallation yields from different mass targets; deduced effect of target size. JOUR ZAANE 42 495

A=205

^{205}Au	2009PO14	NUCLEAR REACTIONS ^{9}Be(^{208}Pb, X)^{205}Au, E=1 GeV / nucleon; measured Eγ, Iγ, γγ-coin using RISING array and FRS. ^{205}Au; deduced high-spin yrast levels, J, π, B(E2), B(E3). Comparison with OXBASH shell model and systematics. JOUR ZAANE 42 489
^{205}Pb	2009AL32	NUCLEAR REACTIONS ^{9}Be(^{238}U, X)^{196}Pb / ^{197}Pb / ^{198}Pb / ^{199}Pb / ^{200}Pb / ^{201}Pb / ^{202}Pb / ^{203}Pb / ^{204}Pb / ^{205}Pb / ^{206}Pb / ^{207}Pb / ^{208}Pb / ^{209}Pb / ^{210}Pb / ^{214}Pb / ^{215}Pb / ^{216}Pb / ^{217}Pb / ^{218}Pb / ^{219}Pb / ^{199}Bi / ^{200}Bi / ^{201}Bi / ^{202}Bi / ^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi / ^{207}Bi / ^{208}Bi / ^{209}Bi / ^{210}Bi / ^{211}Bi / ^{212}Bi / ^{213}Bi / ^{214}Bi / ^{218}Bi / ^{219}Bi / ^{220}Bi / ^{221}Bi / ^{222}Bi / ^{223}Bi, E=1 GeV / nucleon; measured production σ. Comparison with other data. JOUR ZAANE 42 485
^{205}Bi	2009AL32	NUCLEAR REACTIONS ^{9}Be(^{238}U, X)^{196}Pb / ^{197}Pb / ^{198}Pb / ^{199}Pb / ^{200}Pb / ^{201}Pb / ^{202}Pb / ^{203}Pb / ^{204}Pb / ^{205}Pb / ^{206}Pb / ^{207}Pb / ^{208}Pb / ^{209}Pb / ^{210}Pb / ^{214}Pb / ^{215}Pb / ^{216}Pb / ^{217}Pb / ^{218}Pb / ^{219}Pb / ^{199}Bi / ^{200}Bi / ^{201}Bi / ^{202}Bi / ^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi / ^{207}Bi / ^{208}Bi / ^{209}Bi / ^{210}Bi / ^{211}Bi / ^{212}Bi / ^{213}Bi / ^{214}Bi / ^{218}Bi / ^{219}Bi / ^{220}Bi / ^{221}Bi / ^{222}Bi / ^{223}Bi, E=1 GeV / nucleon; measured production σ. Comparison with other data. JOUR ZAANE 42 485
^{205}Fr	2009PA49	NUCLEAR REACTIONS ^{238}U(p, X)^{122}Cs / ^{123}Cs / ^{124}Cs / ^{125}Cs / ^{126}Cs / ^{127}Cs / ^{128}Cs / ^{129}Cs / ^{130}Cs / ^{132}Cs / ^{138}Cs / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{143}Cs / ^{144}Cs / ^{145}Cs / ^{146}Cs / ^{147}Cs / ^{148}Cs / ^{202}Fr / ^{203}Fr / ^{204}Fr / ^{205}Fr / ^{206}Fr / ^{207}Fr / ^{208}Fr / ^{209}Fr / ^{210}Fr / ^{211}Fr / ^{212}Fr / ^{213}Fr / ^{214}Fr / ^{218}Fr / ^{219}Fr / ^{220}Fr / ^{221}Fr / ^{222}Fr / ^{223}Fr / ^{224}Fr / ^{225}Fr / ^{226}Fr / ^{227}Fr / ^{228}Fr, E=1 GeV; measured fission and spallation yields from different mass targets; deduced effect of target size. JOUR ZAANE 42 495

A=206

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

A=206 *(continued)*

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

A=207

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

A=208

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

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

	2010HE08	NUCLEAR REACTIONS ^{208}Pb(p, p'), E=14.8-18.2 MeV; measured Ep, Ip, σ, excitation functions and $\sigma(\theta)$ via isobaric analog resonances (IAR) in ^{209}Bi. Proton spectra fitted by GASPAN analysis. ^{209}Bi; deduced s.p. width, total width, resonance energy for isobaric analog resonance $j_{15/2}$. ^{207}Pb(d, p), E=22 MeV; analyzed proton spectra; deduced σ. ^{208}Pb; deduced levels, J, π, l-transfers, particle-hole configurations, spectroscopic factors. Comparison with shell-model calculations. JOUR PRVCA 82 014316
	2010HE13	NUCLEAR REACTIONS ^{208}Pb(p, p'), E=14.82-18.08 MeV; measured Ep, Ip(θ), $\sigma(\theta)$, excitation functions via isobaric analog resonances (IAR) in ^{209}Bi. ^{208}Pb; deduced levels, J, π, configurations, spectroscopic factors. Comparison with shell-model calculations. JOUR ZAANE 44 233
	2010JI07	NUCLEAR REACTIONS ^{152,154}Sm, ^{184}W, ^{196}Pt, ^{208}Pb(^{16}O, ^{16}O'), E(cm)=35-70 MeV; measured $\sigma(\theta$=175°); calculated σ using CC and single-channel formalisms; deduced nuclear potential diffuseness parameters. JOUR NUPAB 834 189c
	2010KA23	NUCLEAR REACTIONS ^{90}Zr(^{6}Li, X), ^{165}Ho, ^{208}Pb(^{7}Li, X), ^{208}Pb(^{9}Be, X), E not given; calculated fusion, breakup σ. ^{208}Pb(^{7}Li, ^{7}Li), E=27 MeV; measured reaction products; deduced $\sigma(\theta)$, breakup polarization potential; ^{208}Pb(^{7}Li, ^{7}Li), E=33 MeV; calculated $\sigma(\theta)$. ^{208}Pb(^{7}Li, ^{7}Li), E≈18-27 MeV; deduced dipole polarizability; calculated $\sigma(\theta$=backward). Discussed reaction mechanism features. JOUR NUPAB 834 155c
	2010PAZZ	NUCLEAR REACTIONS ^{58}Ni, ^{124}Sn, ^{208}Pb(d, d'), E=3.5-7.3 MeV; measured $\sigma(\theta)$. Tandem. CONF St.-Petersburg,P136,Pavlenko
	2010SI15	NUCLEAR REACTIONS ^{208}Pb(^{17}F, ^{17}F), (^{17}F, ^{16}O), E=86 MeV; measured E(fragment), I(fragment), Ep, Ip, p(fragment)-coin, σ, $\sigma(\theta)$. DWBA analysis. Comparison with optical model, data and systematics. Secondary radioactive beam. JOUR ZAANE 44 63
^{208}Bi	2009AL32	NUCLEAR REACTIONS ^{9}Be(^{238}U, X)^{196}Pb / ^{197}Pb / ^{198}Pb / ^{199}Pb / ^{200}Pb / ^{201}Pb / ^{202}Pb / ^{203}Pb / ^{204}Pb / ^{205}Pb / ^{206}Pb / ^{207}Pb / ^{208}Pb / ^{209}Pb / ^{210}Pb / ^{214}Pb / ^{215}Pb / ^{216}Pb / ^{217}Pb / ^{218}Pb / ^{219}Pb / ^{199}Bi / ^{200}Bi / ^{201}Bi / ^{202}Bi / ^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi / ^{207}Bi / ^{208}Bi / ^{209}Bi / ^{210}Bi / ^{211}Bi / ^{212}Bi / ^{213}Bi / ^{214}Bi / ^{218}Bi / ^{219}Bi / ^{220}Bi / ^{221}Bi / ^{222}Bi / ^{223}Bi, E=1 GeV / nucleon; measured production σ. Comparison with other data. JOUR ZAANE 42 485
	2010ZH22	NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(p, n), E=8-11 MeV; measured En, In; deduced nuclear level densities in ^{208}Bi, ^{209}Po, $\sigma(\theta)$. Hauser-Feshbach statistical theory. JOUR PANUE 73 1111
^{208}Fr	2009PA49	NUCLEAR REACTIONS ^{238}U(p, X)^{122}Cs / ^{123}Cs / ^{124}Cs / ^{125}Cs / ^{126}Cs / ^{127}Cs / ^{128}Cs / ^{129}Cs / ^{130}Cs / ^{132}Cs / ^{138}Cs / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{143}Cs / ^{144}Cs / ^{145}Cs / ^{146}Cs / ^{147}Cs / ^{148}Cs / ^{202}Fr / ^{203}Fr / ^{204}Fr / ^{205}Fr / ^{206}Fr / ^{207}Fr / ^{208}Fr / ^{209}Fr / ^{210}Fr / ^{211}Fr / ^{212}Fr / ^{213}Fr / ^{214}Fr / ^{218}Fr / ^{219}Fr / ^{220}Fr / ^{221}Fr / ^{222}Fr / ^{223}Fr / ^{224}Fr / ^{225}Fr / ^{226}Fr / ^{227}Fr / ^{228}Fr, E=1 GeV; measured fission and spallation yields from different mass targets; deduced effect of target size. JOUR ZAANE 42 495

A=209

^{209}Pb	2009AL32	NUCLEAR REACTIONS ^{9}Be(^{238}U, X)^{196}Pb / ^{197}Pb / ^{198}Pb / ^{199}Pb / ^{200}Pb / ^{201}Pb / ^{202}Pb / ^{203}Pb / ^{204}Pb / ^{205}Pb / ^{206}Pb / ^{207}Pb / ^{208}Pb / ^{209}Pb / ^{210}Pb / ^{214}Pb / ^{215}Pb / ^{216}Pb / ^{217}Pb / ^{218}Pb / ^{219}Pb / ^{199}Bi / ^{200}Bi / ^{201}Bi / ^{202}Bi / ^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi / ^{207}Bi / ^{208}Bi / ^{209}Bi / ^{210}Bi / ^{211}Bi / ^{212}Bi / ^{213}Bi / ^{214}Bi / ^{218}Bi / ^{219}Bi / ^{220}Bi / ^{221}Bi / ^{222}Bi / ^{223}Bi, E=1 GeV / nucleon; measured production σ. Comparison with other data. JOUR ZAANE 42 485
^{209}Bi	2009AL32	NUCLEAR REACTIONS ^{9}Be(^{238}U, X)^{196}Pb / ^{197}Pb / ^{198}Pb / ^{199}Pb / ^{200}Pb / ^{201}Pb / ^{202}Pb / ^{203}Pb / ^{204}Pb / ^{205}Pb / ^{206}Pb / ^{207}Pb / ^{208}Pb / ^{209}Pb / ^{210}Pb / ^{214}Pb / ^{215}Pb / ^{216}Pb / ^{217}Pb / ^{218}Pb / ^{219}Pb / ^{199}Bi / ^{200}Bi / ^{201}Bi / ^{202}Bi / ^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi / ^{207}Bi / ^{208}Bi / ^{209}Bi / ^{210}Bi / ^{211}Bi / ^{212}Bi / ^{213}Bi / ^{214}Bi / ^{218}Bi / ^{219}Bi / ^{220}Bi / ^{221}Bi / ^{222}Bi / ^{223}Bi, E=1 GeV / nucleon; measured production σ. Comparison with other data. JOUR ZAANE 42 485
	2010HE08	NUCLEAR REACTIONS ^{208}Pb(p, p'), E=14.8-18.2 MeV; measured Ep, Ip, σ, excitation functions and $\sigma(\theta)$ via isobaric analog resonances (IAR) in ^{209}Bi. Proton spectra fitted by GASPAN analysis. ^{209}Bi; deduced s.p. width, total width, resonance energy for isobaric analog resonance $j_{15/2}$. ^{207}Pb(d, p), E=22 MeV; analyzed proton spectra; deduced σ. ^{208}Pb; deduced levels, J, π, l-transfers, particle-hole configurations, spectroscopic factors. Comparison with shell-model calculations. JOUR PRVCA 82 014316
	2010SA19	NUCLEAR REACTIONS ^{209}Bi(^{6}Li, α), (^{6}Li, d), E=36, 40 MeV; measured Eα, I$\alpha(\theta)$, Ed, Id(θ), dα-coin; deduced $\sigma(\theta)$. ^{209}Bi(^{6}Li, ^{6}Li), E=36, 40 MeV; measured $\sigma(\theta)$. Comparison with CDCC calculations. Sequential breakup via resonant state. JOUR NUPAB 834 186c
	2010SI15	NUCLEAR REACTIONS ^{208}Pb(^{17}F, ^{17}F), (^{17}F, ^{16}O), E=86 MeV; measured E(fragment), I(fragment), Ep, Ip, p(fragment)-coin, σ, $\sigma(\theta)$. DWBA analysis. Comparison with optical model, data and systematics. Secondary radioactive beam. JOUR ZAANE 44 63
^{209}Po	2010ZH22	NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(p, n), E=8-11 MeV; measured En, In; deduced nuclear level densities in ^{208}Bi, ^{209}Po, $\sigma(\theta)$. Hauser-Feshbach statistical theory. JOUR PANUE 73 1111
^{209}Rn	2010WI07	RADIOACTIVITY ^{21}Na, ^{213}Ra(EC), ^{225}Ra(β^-), ^{213}Ra(α); measured recoiling ion in coincidence with β-particle, hfs; deduced correlation parameters, hyperfine splitting, transition fluorescence. JOUR PRAMC 75 163
^{209}Fr	2009PA49	NUCLEAR REACTIONS ^{238}U(p, X)^{122}Cs / ^{123}Cs / ^{124}Cs / ^{125}Cs / ^{126}Cs / ^{127}Cs / ^{128}Cs / ^{129}Cs / ^{130}Cs / ^{132}Cs / ^{138}Cs / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{143}Cs / ^{144}Cs / ^{145}Cs / ^{146}Cs / ^{147}Cs / ^{148}Cs / ^{202}Fr / ^{203}Fr / ^{204}Fr / ^{205}Fr / ^{206}Fr / ^{207}Fr / ^{208}Fr / ^{209}Fr / ^{210}Fr / ^{211}Fr / ^{212}Fr / ^{213}Fr / ^{214}Fr / ^{218}Fr / ^{219}Fr / ^{220}Fr / ^{221}Fr / ^{222}Fr / ^{223}Fr / ^{224}Fr / ^{225}Fr / ^{226}Fr / ^{227}Fr / ^{228}Fr, E=1 GeV; measured fission and spallation yields from different mass targets; deduced effect of target size. JOUR ZAANE 42 495

A=210

^{210}Pb	2009AL32	NUCLEAR REACTIONS ^{9}Be(^{238}U, X)^{196}Pb / ^{197}Pb / ^{198}Pb / ^{199}Pb / ^{200}Pb / ^{201}Pb / ^{202}Pb / ^{203}Pb / ^{204}Pb / ^{205}Pb / ^{206}Pb / ^{207}Pb / ^{208}Pb / ^{209}Pb / ^{210}Pb / ^{214}Pb / ^{215}Pb / ^{216}Pb / ^{217}Pb / ^{218}Pb / ^{219}Pb / ^{199}Bi / ^{200}Bi / ^{201}Bi / ^{202}Bi / ^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi / ^{207}Bi / ^{208}Bi / ^{209}Bi / ^{210}Bi / ^{211}Bi / ^{212}Bi / ^{213}Bi / ^{214}Bi / ^{218}Bi / ^{219}Bi / ^{220}Bi / ^{221}Bi / ^{222}Bi / ^{223}Bi, E=1 GeV / nucleon; measured production σ. Comparison with other data. JOUR ZAANE 42 485
^{210}Bi	2009AL32	NUCLEAR REACTIONS ^{9}Be(^{238}U, X)^{196}Pb / ^{197}Pb / ^{198}Pb / ^{199}Pb / ^{200}Pb / ^{201}Pb / ^{202}Pb / ^{203}Pb / ^{204}Pb / ^{205}Pb / ^{206}Pb / ^{207}Pb / ^{208}Pb / ^{209}Pb / ^{210}Pb / ^{214}Pb / ^{215}Pb / ^{216}Pb / ^{217}Pb / ^{218}Pb / ^{219}Pb / ^{199}Bi / ^{200}Bi / ^{201}Bi / ^{202}Bi / ^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi / ^{207}Bi / ^{208}Bi / ^{209}Bi / ^{210}Bi / ^{211}Bi / ^{212}Bi / ^{213}Bi / ^{214}Bi / ^{218}Bi / ^{219}Bi / ^{220}Bi / ^{221}Bi / ^{222}Bi / ^{223}Bi, E=1 GeV / nucleon; measured production σ. Comparison with other data. JOUR ZAANE 42 485
	2010LUZY	RADIOACTIVITY ^{210}Bi(β^-) [from ^{210}Pb(β^-)]; measured β^- spectrum. Deduced β^- spectrum shape factor. CONF St.-Petersburg,P97,Lubashevskiy
^{210}Po	2010LUZY	RADIOACTIVITY ^{210}Bi(β^-) [from ^{210}Pb(β^-)]; measured β^- spectrum. Deduced β^- spectrum shape factor. CONF St.-Petersburg,P97,Lubashevskiy
^{210}Fr	2009PA49	NUCLEAR REACTIONS ^{238}U(p, X)^{122}Cs / ^{123}Cs / ^{124}Cs / ^{125}Cs / ^{126}Cs / ^{127}Cs / ^{128}Cs / ^{129}Cs / ^{130}Cs / ^{132}Cs / ^{138}Cs / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{143}Cs / ^{144}Cs / ^{145}Cs / ^{146}Cs / ^{147}Cs / ^{148}Cs / ^{202}Fr / ^{203}Fr / ^{204}Fr / ^{205}Fr / ^{206}Fr / ^{207}Fr / ^{208}Fr / ^{209}Fr / ^{210}Fr / ^{211}Fr / ^{212}Fr / ^{213}Fr / ^{214}Fr / ^{218}Fr / ^{219}Fr / ^{220}Fr / ^{221}Fr / ^{222}Fr / ^{223}Fr / ^{224}Fr / ^{225}Fr / ^{226}Fr / ^{227}Fr / ^{228}Fr, E=1 GeV; measured fission and spallation yields from different mass targets; deduced effect of target size. JOUR ZAANE 42 495

A=211

^{211}Bi	2009AL32	NUCLEAR REACTIONS ^{9}Be(^{238}U, X)^{196}Pb / ^{197}Pb / ^{198}Pb / ^{199}Pb / ^{200}Pb / ^{201}Pb / ^{202}Pb / ^{203}Pb / ^{204}Pb / ^{205}Pb / ^{206}Pb / ^{207}Pb / ^{208}Pb / ^{209}Pb / ^{210}Pb / ^{214}Pb / ^{215}Pb / ^{216}Pb / ^{217}Pb / ^{218}Pb / ^{219}Pb / ^{199}Bi / ^{200}Bi / ^{201}Bi / ^{202}Bi / ^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi / ^{207}Bi / ^{208}Bi / ^{209}Bi / ^{210}Bi / ^{211}Bi / ^{212}Bi / ^{213}Bi / ^{214}Bi / ^{218}Bi / ^{219}Bi / ^{220}Bi / ^{221}Bi / ^{222}Bi / ^{223}Bi, E=1 GeV / nucleon; measured production σ. Comparison with other data. JOUR ZAANE 42 485
^{211}Po	2010HE12	NUCLEAR REACTIONS ^{207}Pb(^{64}Ni, X)^{211}Po / ^{212}At / ^{213}Rn / ^{213}Fr / ^{214}Ra, E=4.80, 5.00, 5.20, 5.40, 5.53, 5.92 MeV / nucleon; measured $\sigma(\theta)$, E(residue) using the SHIP facility. JOUR ZAANE 43 181
	2010SA19	NUCLEAR REACTIONS ^{209}Bi(^{6}Li, α), (^{6}Li, d), E=36, 40 MeV; measured Eα, I$\alpha(\theta)$, Ed, Id(θ), dα-coin; deduced $\sigma(\theta)$. ^{209}Bi(^{6}Li, ^{6}Li), E=36, 40 MeV; measured $\sigma(\theta)$. Comparison with CDCC calculations. Sequential breakup via resonant state. JOUR NUPAB 834 186c
^{211}Fr	2009KO35	ATOMIC MASSES ^{211,212,213}Fr, ^{211}Ra; measured masses using Penning trap at ISOLDE. JOUR ZAANE 42 351

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

	2009PA49	NUCLEAR REACTIONS ^{238}U(p, X)^{122}Cs / ^{123}Cs / ^{124}Cs / ^{125}Cs / ^{126}Cs / ^{127}Cs / ^{128}Cs / ^{129}Cs / ^{130}Cs / ^{132}Cs / ^{138}Cs / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{143}Cs / ^{144}Cs / ^{145}Cs / ^{146}Cs / ^{147}Cs / ^{148}Cs / ^{202}Fr / ^{203}Fr / ^{204}Fr / ^{205}Fr / ^{206}Fr / ^{207}Fr / ^{208}Fr / ^{209}Fr / ^{210}Fr / ^{211}Fr / ^{212}Fr / ^{213}Fr / ^{214}Fr / ^{218}Fr / ^{219}Fr / ^{220}Fr / ^{221}Fr / ^{222}Fr / ^{223}Fr / ^{224}Fr / ^{225}Fr / ^{226}Fr / ^{227}Fr / ^{228}Fr, E=1 GeV; measured fission and spallation yields from different mass targets; deduced effect of target size. JOUR ZAANE 42 495
^{211}Ra	2009KO35	ATOMIC MASSES ^{211,212,213}Fr, ^{211}Ra; measured masses using Penning trap at ISOLDE. JOUR ZAANE 42 351

A=212

^{212}Bi	2009AL32	NUCLEAR REACTIONS ^{9}Be(^{238}U, X)^{196}Pb / ^{197}Pb / ^{198}Pb / ^{199}Pb / ^{200}Pb / ^{201}Pb / ^{202}Pb / ^{203}Pb / ^{204}Pb / ^{205}Pb / ^{206}Pb / ^{207}Pb / ^{208}Pb / ^{209}Pb / ^{210}Pb / ^{214}Pb / ^{215}Pb / ^{216}Pb / ^{217}Pb / ^{218}Pb / ^{219}Pb / ^{199}Bi / ^{200}Bi / ^{201}Bi / ^{202}Bi / ^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi / ^{207}Bi / ^{208}Bi / ^{209}Bi / ^{210}Bi / ^{211}Bi / ^{212}Bi / ^{213}Bi / ^{214}Bi / ^{218}Bi / ^{219}Bi / ^{220}Bi / ^{221}Bi / ^{222}Bi / ^{223}Bi, E=1 GeV / nucleon; measured production σ. Comparison with other data. JOUR ZAANE 42 485
^{212}At	2010HE12	NUCLEAR REACTIONS ^{207}Pb(^{64}Ni, X)^{211}Po / ^{212}At / ^{213}Rn / ^{213}Fr / ^{214}Ra, E=4.80, 5.00, 5.20, 5.40, 5.53, 5.92 MeV / nucleon; measured $\sigma(\theta)$, E(residue) using the SHIP facility. JOUR ZAANE 43 181
^{212}Fr	2009KO35	ATOMIC MASSES ^{211,212,213}Fr, ^{211}Ra; measured masses using Penning trap at ISOLDE. JOUR ZAANE 42 351
	2009PA49	NUCLEAR REACTIONS ^{238}U(p, X)^{122}Cs / ^{123}Cs / ^{124}Cs / ^{125}Cs / ^{126}Cs / ^{127}Cs / ^{128}Cs / ^{129}Cs / ^{130}Cs / ^{132}Cs / ^{138}Cs / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{143}Cs / ^{144}Cs / ^{145}Cs / ^{146}Cs / ^{147}Cs / ^{148}Cs / ^{202}Fr / ^{203}Fr / ^{204}Fr / ^{205}Fr / ^{206}Fr / ^{207}Fr / ^{208}Fr / ^{209}Fr / ^{210}Fr / ^{211}Fr / ^{212}Fr / ^{213}Fr / ^{214}Fr / ^{218}Fr / ^{219}Fr / ^{220}Fr / ^{221}Fr / ^{222}Fr / ^{223}Fr / ^{224}Fr / ^{225}Fr / ^{226}Fr / ^{227}Fr / ^{228}Fr, E=1 GeV; measured fission and spallation yields from different mass targets; deduced effect of target size. JOUR ZAANE 42 495

A=213

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

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

^{213}Bi	2009AL32	NUCLEAR REACTIONS ^{9}Be(^{238}U, X)^{196}Pb / ^{197}Pb / ^{198}Pb / ^{199}Pb / ^{200}Pb / ^{201}Pb / ^{202}Pb / ^{203}Pb / ^{204}Pb / ^{205}Pb / ^{206}Pb / ^{207}Pb / ^{208}Pb / ^{209}Pb / ^{210}Pb / ^{214}Pb / ^{215}Pb / ^{216}Pb / ^{217}Pb / ^{218}Pb / ^{219}Pb / ^{199}Bi / ^{200}Bi / ^{201}Bi / ^{202}Bi / ^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi / ^{207}Bi / ^{208}Bi / ^{209}Bi / ^{210}Bi / ^{211}Bi / ^{212}Bi / ^{213}Bi / ^{214}Bi / ^{218}Bi / ^{219}Bi / ^{220}Bi / ^{221}Bi / ^{222}Bi / ^{223}Bi, E=1 GeV / nucleon; measured production σ. Comparison with other data. JOUR ZAANE 42 485
^{213}At	2010SA19	NUCLEAR REACTIONS ^{209}Bi(^{6}Li, α), (^{6}Li, d), E=36, 40 MeV; measured Eα, I$\alpha(\theta)$, Ed, Id(θ), dα-coin; deduced $\sigma(\theta)$. ^{209}Bi(^{6}Li, ^{6}Li), E=36, 40 MeV; measured $\sigma(\theta)$. Comparison with CDCC calculations. Sequential breakup via resonant state. JOUR NUPAB 834 186c
^{213}Rn	2010HE12	NUCLEAR REACTIONS ^{207}Pb(^{64}Ni, X)^{211}Po / ^{212}At / ^{213}Rn / ^{213}Fr / ^{214}Ra, E=4.80, 5.00, 5.20, 5.40, 5.53, 5.92 MeV / nucleon; measured $\sigma(\theta)$, E(residue) using the SHIP facility. JOUR ZAANE 43 181
^{213}Fr	2009KO35	ATOMIC MASSES ^{211,212,213}Fr, ^{211}Ra; measured masses using Penning trap at ISOLDE. JOUR ZAANE 42 351
	2009PA49	NUCLEAR REACTIONS ^{238}U(p, X)^{122}Cs / ^{123}Cs / ^{124}Cs / ^{125}Cs / ^{126}Cs / ^{127}Cs / ^{128}Cs / ^{129}Cs / ^{130}Cs / ^{132}Cs / ^{138}Cs / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{143}Cs / ^{144}Cs / ^{145}Cs / ^{146}Cs / ^{147}Cs / ^{148}Cs / ^{202}Fr / ^{203}Fr / ^{204}Fr / ^{205}Fr / ^{206}Fr / ^{207}Fr / ^{208}Fr / ^{209}Fr / ^{210}Fr / ^{211}Fr / ^{212}Fr / ^{213}Fr / ^{214}Fr / ^{218}Fr / ^{219}Fr / ^{220}Fr / ^{221}Fr / ^{222}Fr / ^{223}Fr / ^{224}Fr / ^{225}Fr / ^{226}Fr / ^{227}Fr / ^{228}Fr, E=1 GeV; measured fission and spallation yields from different mass targets; deduced effect of target size. JOUR ZAANE 42 495
	2010HE12	NUCLEAR REACTIONS ^{207}Pb(^{64}Ni, X)^{211}Po / ^{212}At / ^{213}Rn / ^{213}Fr / ^{214}Ra, E=4.80, 5.00, 5.20, 5.40, 5.53, 5.92 MeV / nucleon; measured $\sigma(\theta)$, E(residue) using the SHIP facility. JOUR ZAANE 43 181
	2010WI07	RADIOACTIVITY ^{21}Na, ^{213}Ra(EC), ^{225}Ra(β^-), ^{213}Ra(α); measured recoiling ion in coincidence with β-particle, hfs; deduced correlation parameters, hyperfine splitting, transition fluorescence. JOUR PRAMC 75 163
^{213}Ra	2010WI07	RADIOACTIVITY ^{21}Na, ^{213}Ra(EC), ^{225}Ra(β^-), ^{213}Ra(α); measured recoiling ion in coincidence with β-particle, hfs; deduced correlation parameters, hyperfine splitting, transition fluorescence. JOUR PRAMC 75 163

A=214

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

A=214 *(continued)*

^{214}Bi	2009AL32	NUCLEAR REACTIONS ^{9}Be(^{238}U, X)^{196}Pb / ^{197}Pb / ^{198}Pb / ^{199}Pb / ^{200}Pb / ^{201}Pb / ^{202}Pb / ^{203}Pb / ^{204}Pb / ^{205}Pb / ^{206}Pb / ^{207}Pb / ^{208}Pb / ^{209}Pb / ^{210}Pb / ^{214}Pb / ^{215}Pb / ^{216}Pb / ^{217}Pb / ^{218}Pb / ^{219}Pb / ^{199}Bi / ^{200}Bi / ^{201}Bi / ^{202}Bi / ^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi / ^{207}Bi / ^{208}Bi / ^{209}Bi / ^{210}Bi / ^{211}Bi / ^{212}Bi / ^{213}Bi / ^{214}Bi / ^{218}Bi / ^{219}Bi / ^{220}Bi / ^{221}Bi / ^{222}Bi / ^{223}Bi, E=1 GeV / nucleon; measured production σ. Comparison with other data. JOUR ZAANE 42 485
^{214}Fr	2009PA49	NUCLEAR REACTIONS ^{238}U(p, X)^{122}Cs / ^{123}Cs / ^{124}Cs / ^{125}Cs / ^{126}Cs / ^{127}Cs / ^{128}Cs / ^{129}Cs / ^{130}Cs / ^{132}Cs / ^{138}Cs / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{143}Cs / ^{144}Cs / ^{145}Cs / ^{146}Cs / ^{147}Cs / ^{148}Cs / ^{202}Fr / ^{203}Fr / ^{204}Fr / ^{205}Fr / ^{206}Fr / ^{207}Fr / ^{208}Fr / ^{209}Fr / ^{210}Fr / ^{211}Fr / ^{212}Fr / ^{213}Fr / ^{214}Fr / ^{218}Fr / ^{219}Fr / ^{220}Fr / ^{221}Fr / ^{222}Fr / ^{223}Fr / ^{224}Fr / ^{225}Fr / ^{226}Fr / ^{227}Fr / ^{228}Fr, E=1 GeV; measured fission and spallation yields from different mass targets; deduced effect of target size. JOUR ZAANE 42 495
^{214}Ra	2010HE12	NUCLEAR REACTIONS ^{207}Pb(^{64}Ni, X)^{211}Po / ^{212}At / ^{213}Rn / ^{213}Fr / ^{214}Ra, E=4.80, 5.00, 5.20, 5.40, 5.53, 5.92 MeV / nucleon; measured $\sigma(\theta)$, E(residue) using the SHIP facility. JOUR ZAANE 43 181

A=215

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

A=216

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

A=217

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

A=218

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

A=219

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

A=219 *(continued)*

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

A=220

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

A=221

^{221}Bi	2009AL32	NUCLEAR REACTIONS ^{9}Be(^{238}U, X)^{196}Pb / ^{197}Pb / ^{198}Pb / ^{199}Pb / ^{200}Pb / ^{201}Pb / ^{202}Pb / ^{203}Pb / ^{204}Pb / ^{205}Pb / ^{206}Pb / ^{207}Pb / ^{208}Pb / ^{209}Pb / ^{210}Pb / ^{214}Pb / ^{215}Pb / ^{216}Pb / ^{217}Pb / ^{218}Pb / ^{219}Pb / ^{199}Bi / ^{200}Bi / ^{201}Bi / ^{202}Bi / ^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi / ^{207}Bi / ^{208}Bi / ^{209}Bi / ^{210}Bi / ^{211}Bi / ^{212}Bi / ^{213}Bi / ^{214}Bi / ^{218}Bi / ^{219}Bi / ^{220}Bi / ^{221}Bi / ^{222}Bi / ^{223}Bi, E=1 GeV / nucleon; measured production σ. Comparison with other data. JOUR ZAANE 42 485
^{221}Po	2010CH19	NUCLEAR REACTIONS Be(^{238}U, X)^{236}Ac / ^{224}At / ^{222}Po / ^{221}Po / ^{213}Tl, E=670 MeV / nucleon; measured revolution frequency of the cooled fragments; deduced $T_{1/2}$. Comparison with theoretical models, Darmstadt storage-cooler ring ESR. JOUR PYLBB 691 234

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

	2010CH19	ATOMIC MASSES ^{236}Ac, ^{224}At, ^{222}Po, ^{221}Po, ^{213}Tl; measured revolution frequency of the cooled fragments; deduced atomic masses. JOUR PYLBB 691 234
^{221}Fr	2009PA49	NUCLEAR REACTIONS ^{238}U(p, X)^{122}Cs / ^{123}Cs / ^{124}Cs / ^{125}Cs / ^{126}Cs / ^{127}Cs / ^{128}Cs / ^{129}Cs / ^{130}Cs / ^{132}Cs / ^{138}Cs / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{143}Cs / ^{144}Cs / ^{145}Cs / ^{146}Cs / ^{147}Cs / ^{148}Cs / ^{202}Fr / ^{203}Fr / ^{204}Fr / ^{205}Fr / ^{206}Fr / ^{207}Fr / ^{208}Fr / ^{209}Fr / ^{210}Fr / ^{211}Fr / ^{212}Fr / ^{213}Fr / ^{214}Fr / ^{218}Fr / ^{219}Fr / ^{220}Fr / ^{221}Fr / ^{222}Fr / ^{223}Fr / ^{224}Fr / ^{225}Fr / ^{226}Fr / ^{227}Fr / ^{228}Fr, E=1 GeV; measured fission and spallation yields from different mass targets; deduced effect of target size. JOUR ZAANE 42 495
^{221}Th	2008REZW	NUCLEAR REACTIONS ^{207}Pb(^{18}O, 4n), (^{18}O, γ), E=96 MeV; measured Eγ, Iγ, A(particle), Z(particle), E(particle), (particle)γ-coin. A=221-225 deduced levels, J, π, B(E1) / B(E2), yrast Δ. Results on CD only. CONF E.Lansing (NS2008),P169,Reviol

A=222

^{222}Bi	2009AL32	NUCLEAR REACTIONS ^{9}Be(^{238}U, X)^{196}Pb / ^{197}Pb / ^{198}Pb / ^{199}Pb / ^{200}Pb / ^{201}Pb / ^{202}Pb / ^{203}Pb / ^{204}Pb / ^{205}Pb / ^{206}Pb / ^{207}Pb / ^{208}Pb / ^{209}Pb / ^{210}Pb / ^{214}Pb / ^{215}Pb / ^{216}Pb / ^{217}Pb / ^{218}Pb / ^{219}Pb / ^{199}Bi / ^{200}Bi / ^{201}Bi / ^{202}Bi / ^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi / ^{207}Bi / ^{208}Bi / ^{209}Bi / ^{210}Bi / ^{211}Bi / ^{212}Bi / ^{213}Bi / ^{214}Bi / ^{218}Bi / ^{219}Bi / ^{220}Bi / ^{221}Bi / ^{222}Bi / ^{223}Bi, E=1 GeV / nucleon; measured production σ. Comparison with other data. JOUR ZAANE 42 485
^{222}Po	2010CH19	NUCLEAR REACTIONS Be(^{238}U, X)^{236}Ac / ^{224}At / ^{222}Po / ^{221}Po / ^{213}Tl, E=670 MeV / nucleon; measured revolution frequency of the cooled fragments; deduced $T_{1/2}$. Comparison with theoretical models, Darmstadt storage-cooler ring ESR. JOUR PYLBB 691 234
	2010CH19	ATOMIC MASSES ^{236}Ac, ^{224}At, ^{222}Po, ^{221}Po, ^{213}Tl; measured revolution frequency of the cooled fragments; deduced atomic masses. JOUR PYLBB 691 234
^{222}Fr	2009PA49	NUCLEAR REACTIONS ^{238}U(p, X)^{122}Cs / ^{123}Cs / ^{124}Cs / ^{125}Cs / ^{126}Cs / ^{127}Cs / ^{128}Cs / ^{129}Cs / ^{130}Cs / ^{132}Cs / ^{138}Cs / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{143}Cs / ^{144}Cs / ^{145}Cs / ^{146}Cs / ^{147}Cs / ^{148}Cs / ^{202}Fr / ^{203}Fr / ^{204}Fr / ^{205}Fr / ^{206}Fr / ^{207}Fr / ^{208}Fr / ^{209}Fr / ^{210}Fr / ^{211}Fr / ^{212}Fr / ^{213}Fr / ^{214}Fr / ^{218}Fr / ^{219}Fr / ^{220}Fr / ^{221}Fr / ^{222}Fr / ^{223}Fr / ^{224}Fr / ^{225}Fr / ^{226}Fr / ^{227}Fr / ^{228}Fr, E=1 GeV; measured fission and spallation yields from different mass targets; deduced effect of target size. JOUR ZAANE 42 495

A=223

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

A=224

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

A=225

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

A=225 *(continued)*

^{225}Ra	2010WI07	RADIOACTIVITY ^{21}Na, ^{213}Ra(EC), ^{225}Ra(β^-), ^{213}Ra(α); measured recoiling ion in coincidence with β-particle, hfs; deduced correlation parameters, hyperfine splitting, transition fluorescence. JOUR PRAMC 75 163
^{225}Ac	2010WI07	RADIOACTIVITY ^{21}Na, ^{213}Ra(EC), ^{225}Ra(β^-), ^{213}Ra(α); measured recoiling ion in coincidence with β-particle, hfs; deduced correlation parameters, hyperfine splitting, transition fluorescence. JOUR PRAMC 75 163
^{225}Th	2008REZW	NUCLEAR REACTIONS ^{207}Pb(^{18}O, 4n), (^{18}O, γ), E=96 MeV; measured Eγ, Iγ, A(particle), Z(particle), E(particle), (particle)γ-coin. A=221-225 deduced levels, J, π, B(E1) / B(E2), yrast Δ. Results on CD only. CONF E.Lansing (NS2008),P169,Reviol

A=226

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

A=227

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

A=228

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

A=229

No references found

A=230

No references found

A=231

^{231}Th	2010AD13	NUCLEAR REACTIONS ^{232}Th(n, γ), (n, 2n), (n, F)^{99}Mo, ^{235,238}U(n, γ), (n, F)^{99}Mo / ^{132}Te / ^{133}I / ^{135}I / ^{135}Xe / ^{140}Ba / ^{143}Ce, E=thermal-1000 MeV [from ^{208}Pb(d, X), E=1.6 GeV spallation source]; measured Eγ, Iγ using HPGe detectors; deduced σ, reaction and transmutation rates. Comparison with simulations and TARC experimental data. JOUR ZAANE 43 159

A=232

^{232}U	2010DW01	ATOMIC MASSES ^{232}U, ^{236,238}Pu, ^{240,241,242}Cm, ^{244,245,246}Cf, ^{248,249,250}Fm, ^{252,253,254}No, ^{256,257,258}Rf, ^{260,261,262}Sg, ^{264,265,266}Hs, ^{268,269,270}Ds; compiled and evaluated mass excesses. JOUR PRVCA 81 064312

A=233

^{233}Th	2010AD13	NUCLEAR REACTIONS ^{232}Th(n, γ), (n, 2n), (n, F)^{99}Mo, ^{235,238}U(n, γ), (n, F)^{99}Mo / ^{132}Te / ^{133}I / ^{135}I / ^{135}Xe / ^{140}Ba / ^{143}Ce, E=thermal-1000 MeV [from ^{208}Pb(d, X), E=1.6 GeV spallation source]; measured Eγ, Iγ using HPGe detectors; deduced σ, reaction and transmutation rates. Comparison with simulations and TARC experimental data. JOUR ZAANE 43 159
^{233}Pa	2010KO27	RADIOACTIVITY ^{233}Pa(β^-) [from ^{237}Np(α)]; measured Eγ, γ; deduced emission probabilities for x-rays and γ-ray transitions. JOUR ARISE 68 2382
^{233}U	2010KO27	RADIOACTIVITY ^{233}Pa(β^-) [from ^{237}Np(α)]; measured Eγ, γ; deduced emission probabilities for x-rays and γ-ray transitions. JOUR ARISE 68 2382

A=234

No references found

A=235

No references found

A=236

^{236}Ac	2010CH19	NUCLEAR REACTIONS Be(^{238}U, X)^{236}Ac / ^{224}At / ^{222}Po / ^{221}Po / ^{213}Tl, E=670 MeV / nucleon; measured revolution frequency of the cooled fragments; deduced $T_{1/2}$. Comparison with theoretical models, Darmstadt storage-cooler ring ESR. JOUR PYLBB 691 234
	2010CH19	ATOMIC MASSES ^{236}Ac, ^{224}At, ^{222}Po, ^{221}Po, ^{213}Tl; measured revolution frequency of the cooled fragments; deduced atomic masses. JOUR PYLBB 691 234
^{236}U	2010AD13	NUCLEAR REACTIONS ^{232}Th(n, γ), (n, 2n), (n, F)^{99}Mo, ^{235,238}U(n, γ), (n, F)^{99}Mo / ^{132}Te / ^{133}I / ^{135}I / ^{135}Xe / ^{140}Ba / ^{143}Ce, E=thermal-1000 MeV [from ^{208}Pb(d, X), E=1.6 GeV spallation source]; measured Eγ, Iγ using HPGe detectors; deduced σ, reaction and transmutation rates. Comparison with simulations and TARC experimental data. JOUR ZAANE 43 159
^{236}Pu	2010DW01	ATOMIC MASSES ^{232}U, ^{236,238}Pu, ^{240,241,242}Cm, ^{244,245,246}Cf, ^{248,249,250}Fm, ^{252,253,254}No, ^{256,257,258}Rf, ^{260,261,262}Sg, ^{264,265,266}Hs, ^{268,269,270}Ds; compiled and evaluated mass excesses. JOUR PRVCA 81 064312

A=237

^{237}U	2010WA19	NUCLEAR REACTIONS ^{238}U(n, 2n), E=13.5, 14.1, 14.7, 14.9 MeV; measured Eγ, Iγ; deduced σ. Comparison with experimental data and evaluated neutron libraries. JOUR NIMAE 621 326

A=238

^{238}U	2010NOZZ	NUCLEAR REACTIONS ^{238}U(α, xnF), E=62 MeV; measured Eγ, Iγ from β decays of the ^{28}Mg, ^{28}Al, ^{28}Si chain [from ^{25}Mg(xn, (x-3)n)^{28}Mg]. ^{238}U; deduced yields relation Y(xn) / Y(2-fission). Cyclotron, activation method, enriched target, Compton suppressed Ge-detector. CONF St.-Petersburg,P80,Novatsky
^{238}Pu	2008WAZN	NUCLEAR REACTIONS ^{238,240,242}Pu(γ, γ'), E not given; measured Coulomb excitation Eγ, I$\gamma(\theta)$, $\gamma\gamma$-coin; deduced levels, J, π, yrast, bands, inertia moments. Results on CD only. CONF E.Lansing (NS2008),P192,Wang
	2010DW01	ATOMIC MASSES ^{232}U, ^{236,238}Pu, ^{240,241,242}Cm, ^{244,245,246}Cf, ^{248,249,250}Fm, ^{252,253,254}No, ^{256,257,258}Rf, ^{260,261,262}Sg, ^{264,265,266}Hs, ^{268,269,270}Ds; compiled and evaluated mass excesses. JOUR PRVCA 81 064312

A=238 *(continued)*

^{238}Bk	2010AN08	RADIOACTIVITY ^{242,243}Es, ^{246,247}Md(α), (SF); ^{246}Md(EC) [from ^{209}Bi(^{40}Ar, 2n), (^{40}Ar, 3n), E=187, 198 MeV and subsequent decays]; measured Eγ, Iγ, Eα, Iα, $\alpha\gamma$-, $\alpha\alpha$-coin; deduced Q, branching ratios, $T_{1/2}$. Comparison with other data and calculations. JOUR ZAANE 43 35

A=239

^{239}U	2010AD13	NUCLEAR REACTIONS ^{232}Th(n, γ), (n, 2n), (n, F)^{99}Mo, ^{235,238}U(n, γ), (n, F)^{99}Mo / ^{132}Te / ^{133}I / ^{135}I / ^{135}Xe / ^{140}Ba / ^{143}Ce, E=thermal-1000 MeV [from ^{208}Pb(d, X), E=1.6 GeV spallation source]; measured Eγ, Iγ using HPGe detectors; deduced σ, reaction and transmutation rates. Comparison with simulations and TARC experimental data. JOUR ZAANE 43 159
^{239}Bk	2010AN08	RADIOACTIVITY ^{242,243}Es, ^{246,247}Md(α), (SF); ^{246}Md(EC) [from ^{209}Bi(^{40}Ar, 2n), (^{40}Ar, 3n), E=187, 198 MeV and subsequent decays]; measured Eγ, Iγ, Eα, Iα, $\alpha\gamma$-, $\alpha\alpha$-coin; deduced Q, branching ratios, $T_{1/2}$. Comparison with other data and calculations. JOUR ZAANE 43 35

A=240

^{240}Pu	2008WAZN	NUCLEAR REACTIONS ^{238,240,242}Pu(γ, γ'), E not given; measured Coulomb excitation Eγ, I$\gamma(\theta)$, $\gamma\gamma$-coin; deduced levels, J, π, yrast, bands, inertia moments. Results on CD only. CONF E.Lansing (NS2008),P192,Wang
^{240}Am	2010SA15	NUCLEAR REACTIONS ^{241}Am(n, 2n), E=8-21 MeV; measured Eγ, Iγ; deduced σ, σ(E) by activation method. Comparison with nuclear model calculations using the TALYS code, and with evaluated data such as ENSDF / B-VII. JOUR PRVCA 81 064604
^{240}Cm	2010DW01	ATOMIC MASSES ^{232}U, ^{236,238}Pu, ^{240,241,242}Cm, ^{244,245,246}Cf, ^{248,249,250}Fm, ^{252,253,254}No, ^{256,257,258}Rf, ^{260,261,262}Sg, ^{264,265,266}Hs, ^{268,269,270}Ds; compiled and evaluated mass excesses. JOUR PRVCA 81 064312

A=241

^{241}Cm	2010DW01	ATOMIC MASSES ^{232}U, ^{236,238}Pu, ^{240,241,242}Cm, ^{244,245,246}Cf, ^{248,249,250}Fm, ^{252,253,254}No, ^{256,257,258}Rf, ^{260,261,262}Sg, ^{264,265,266}Hs, ^{268,269,270}Ds; compiled and evaluated mass excesses. JOUR PRVCA 81 064312

A=242

^{242}Pu	2008WAZN	NUCLEAR REACTIONS ^{238,240,242}Pu(γ, γ'), E not given; measured Coulomb excitation Eγ, I$\gamma(\theta)$, $\gamma\gamma$-coin; deduced levels, J, π, yrast, bands, inertia moments. Results on CD only. CONF E.Lansing (NS2008),P192,Wang
^{242}Am	2010KE05	NUCLEAR REACTIONS ^{243}Am(^{3}He, d), (^{3}He, t), (^{3}He, α), E=24, 30 MeV; ^{242,243}Cm, ^{241}Am(n, F), E<10 MeV; measured surrogate reaction products; deduced fission σ. Comparison with experimental data, JENDL-3.3, ENDF / B-VII.0 and JEFF-3.1 libraries. JOUR PYLBB 692 297
^{242}Cm	2010DW01	ATOMIC MASSES ^{232}U, ^{236,238}Pu, ^{240,241,242}Cm, ^{244,245,246}Cf, ^{248,249,250}Fm, ^{252,253,254}No, ^{256,257,258}Rf, ^{260,261,262}Sg, ^{264,265,266}Hs, ^{268,269,270}Ds; compiled and evaluated mass excesses. JOUR PRVCA 81 064312
^{242}Es	2010AN08	NUCLEAR REACTIONS ^{209}Bi(^{40}Ar, 2n), (^{40}Ar, 3n), E=187, 198 MeV; measured Eγ, Iγ, Eα, Iα, $\alpha\gamma$-, $\alpha\alpha$-coin; deduced σ. ^{242}Es, ^{243}Es, ^{246}Fm, ^{246,247}Md; deduced levels, J, π, Q, branching ratios, $T_{1/2}$. Comparison with other data and calculations. JOUR ZAANE 43 35
	2010AN08	RADIOACTIVITY ^{242,243}Es, ^{246,247}Md(α), (SF); ^{246}Md(EC) [from ^{209}Bi(^{40}Ar, 2n), (^{40}Ar, 3n), E=187, 198 MeV and subsequent decays]; measured Eγ, Iγ, Eα, Iα, $\alpha\gamma$-, $\alpha\alpha$-coin; deduced Q, branching ratios, $T_{1/2}$. Comparison with other data and calculations. JOUR ZAANE 43 35

A=243

^{243}Cm	2010KE05	NUCLEAR REACTIONS ^{243}Am(^{3}He, d), (^{3}He, t), (^{3}He, α), E=24, 30 MeV; ^{242,243}Cm, ^{241}Am(n, F), E<10 MeV; measured surrogate reaction products; deduced fission σ. Comparison with experimental data, JENDL-3.3, ENDF / B-VII.0 and JEFF-3.1 libraries. JOUR PYLBB 692 297
^{243}Es	2010AN08	NUCLEAR REACTIONS ^{209}Bi(^{40}Ar, 2n), (^{40}Ar, 3n), E=187, 198 MeV; measured Eγ, Iγ, Eα, Iα, $\alpha\gamma$-, $\alpha\alpha$-coin; deduced σ. ^{242}Es, ^{243}Es, ^{246}Fm, ^{246,247}Md; deduced levels, J, π, Q, branching ratios, $T_{1/2}$. Comparison with other data and calculations. JOUR ZAANE 43 35
	2010AN08	RADIOACTIVITY ^{242,243}Es, ^{246,247}Md(α), (SF); ^{246}Md(EC) [from ^{209}Bi(^{40}Ar, 2n), (^{40}Ar, 3n), E=187, 198 MeV and subsequent decays]; measured Eγ, Iγ, Eα, Iα, $\alpha\gamma$-, $\alpha\alpha$-coin; deduced Q, branching ratios, $T_{1/2}$. Comparison with other data and calculations. JOUR ZAANE 43 35

A=244

^{244}Pu	2008TAZA	NUCLEAR REACTIONS ^{248}Cm(^{209}Bi, X), E=1450 MeV;^{249}Cf(^{207}Pb, X), E=1430 MeV; measured Z(particle), A(particle), Eγ, Iγ, (particle)(particle)-coin. ^{247,249}Cm, ^{249}Cf, ^{253}No deduced levels, J, π, bands, band crossing. ^{247}Cm, ^{249}Cf deduced g-factor. ^{244}Pu deduced neutron alignment. Results on CD only. CONF E.Lansing (NS2008),P184,Tandel
^{244}Cm	2010KE05	NUCLEAR REACTIONS ^{243}Am(^{3}He, d), (^{3}He, t), (^{3}He, α), E=24, 30 MeV; ^{242,243}Cm, ^{241}Am(n, F), E<10 MeV; measured surrogate reaction products; deduced fission σ. Comparison with experimental data, JENDL-3.3, ENDF / B-VII.0 and JEFF-3.1 libraries. JOUR PYLBB 692 297
^{244}Cf	2010DW01	ATOMIC MASSES ^{232}U, ^{236,238}Pu, ^{240,241,242}Cm, ^{244,245,246}Cf, ^{248,249,250}Fm, ^{252,253,254}No, ^{256,257,258}Rf, ^{260,261,262}Sg, ^{264,265,266}Hs, ^{268,269,270}Ds; compiled and evaluated mass excesses. JOUR PRVCA 81 064312

A=245

^{245}Cf	2010DW01	ATOMIC MASSES ^{232}U, ^{236,238}Pu, ^{240,241,242}Cm, ^{244,245,246}Cf, ^{248,249,250}Fm, ^{252,253,254}No, ^{256,257,258}Rf, ^{260,261,262}Sg, ^{264,265,266}Hs, ^{268,269,270}Ds; compiled and evaluated mass excesses. JOUR PRVCA 81 064312
	2010YE06	RADIOACTIVITY ^{249}Fm(EC), (α); measured Eγ, γ; deduced energy spectrum of γ-rays, E(ce). JOUR PRAMC 75 3

A=246

^{246}Cf	2010DW01	ATOMIC MASSES ^{232}U, ^{236,238}Pu, ^{240,241,242}Cm, ^{244,245,246}Cf, ^{248,249,250}Fm, ^{252,253,254}No, ^{256,257,258}Rf, ^{260,261,262}Sg, ^{264,265,266}Hs, ^{268,269,270}Ds; compiled and evaluated mass excesses. JOUR PRVCA 81 064312
^{246}Fm	2010AN08	NUCLEAR REACTIONS ^{209}Bi(^{40}Ar, 2n), (^{40}Ar, 3n), E=187, 198 MeV; measured Eγ, Iγ, Eα, Iα, $\alpha\gamma$-, $\alpha\alpha$-coin; deduced σ. ^{242}Es, ^{243}Es, ^{246}Fm, ^{246,247}Md; deduced levels, J, π, Q, branching ratios, $T_{1/2}$. Comparison with other data and calculations. JOUR ZAANE 43 35
	2010AN08	RADIOACTIVITY ^{242,243}Es, ^{246,247}Md(α), (SF); ^{246}Md(EC) [from ^{209}Bi(^{40}Ar, 2n), (^{40}Ar, 3n), E=187, 198 MeV and subsequent decays]; measured Eγ, Iγ, Eα, Iα, $\alpha\gamma$-, $\alpha\alpha$-coin; deduced Q, branching ratios, $T_{1/2}$. Comparison with other data and calculations. JOUR ZAANE 43 35
	2010SVZZ	RADIOACTIVITY ^{246}Fm(SF) [from ^{208}Pb(^{40}Ar, 2n), E not given]; measured fission neutrons, $T_{1/2}$. ^{246}Fm; deduced SF-branching, medium neutrons per SF. Cyclotron, mass-separator, neutron detector. CONF St.-Petersburg,P199,Svirikhin

A=246 *(continued)*

^{246}Md	2010AN08	NUCLEAR REACTIONS ^{209}Bi(^{40}Ar, 2n), (^{40}Ar, 3n), E=187, 198 MeV; measured Eγ, Iγ, Eα, Iα, $\alpha\gamma$-, $\alpha\alpha$-coin; deduced σ. ^{242}Es, ^{243}Es, ^{246}Fm, ^{246,247}Md; deduced levels, J, π, Q, branching ratios, $T_{1/2}$. Comparison with other data and calculations. JOUR ZAANE 43 35
	2010AN08	RADIOACTIVITY ^{242,243}Es, ^{246,247}Md(α), (SF); ^{246}Md(EC) [from ^{209}Bi(^{40}Ar, 2n), (^{40}Ar, 3n), E=187, 198 MeV and subsequent decays]; measured Eγ, Iγ, Eα, Iα, $\alpha\gamma$-, $\alpha\alpha$-coin; deduced Q, branching ratios, $T_{1/2}$. Comparison with other data and calculations. JOUR ZAANE 43 35

A=247

^{247}Cm	2008TAZA	NUCLEAR REACTIONS ^{248}Cm(^{209}Bi, X), E=1450 MeV;^{249}Cf(^{207}Pb, X), E=1430 MeV; measured Z(particle), A(particle), Eγ, Iγ, (particle)(particle)-coin. ^{247,249}Cm, ^{249}Cf, ^{253}No deduced levels, J, π, bands, band crossing. ^{247}Cm, ^{249}Cf deduced g-factor. ^{244}Pu deduced neutron alignment. Results on CD only. CONF E.Lansing (NS2008),P184,Tandel
^{247}Md	2010AN08	NUCLEAR REACTIONS ^{209}Bi(^{40}Ar, 2n), (^{40}Ar, 3n), E=187, 198 MeV; measured Eγ, Iγ, Eα, Iα, $\alpha\gamma$-, $\alpha\alpha$-coin; deduced σ. ^{242}Es, ^{243}Es, ^{246}Fm, ^{246,247}Md; deduced levels, J, π, Q, branching ratios, $T_{1/2}$. Comparison with other data and calculations. JOUR ZAANE 43 35
	2010AN08	RADIOACTIVITY ^{242,243}Es, ^{246,247}Md(α), (SF); ^{246}Md(EC) [from ^{209}Bi(^{40}Ar, 2n), (^{40}Ar, 3n), E=187, 198 MeV and subsequent decays]; measured Eγ, Iγ, Eα, Iα, $\alpha\gamma$-, $\alpha\alpha$-coin; deduced Q, branching ratios, $T_{1/2}$. Comparison with other data and calculations. JOUR ZAANE 43 35

A=248

^{248}Cm	2010RZ01	RADIOACTIVITY ^{248}Cm(SF); measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$ using EUROGAM2 array. ^{145}Cs; deduced levels, J, π, multipolarities, bands, configurations, electric dipole moment D_0. ^{101,102}Nb; measured Eγ. Comparison with quasiparticle-rotor model calculations. Z=54-64, N=84-92; systematics of D_0 parameter for even nuclei of even neutron number. JOUR PRVCA 82 017301
^{248}Fm	2010DW01	ATOMIC MASSES ^{232}U, ^{236,238}Pu, ^{240,241,242}Cm, ^{244,245,246}Cf, ^{248,249,250}Fm, ^{252,253,254}No, ^{256,257,258}Rf, ^{260,261,262}Sg, ^{264,265,266}Hs, ^{268,269,270}Ds; compiled and evaluated mass excesses. JOUR PRVCA 81 064312

A=249

^{249}Cm	2008TAZA	NUCLEAR REACTIONS ^{248}Cm(^{209}Bi, X), E=1450 MeV;^{249}Cf(^{207}Pb, X), E=1430 MeV; measured Z(particle), A(particle), Eγ, Iγ, (particle)(particle)-coin. ^{247,249}Cm, ^{249}Cf, ^{253}No deduced levels, J, π, bands, band crossing. ^{247}Cm, ^{249}Cf deduced g-factor. ^{244}Pu deduced neutron alignment. Results on CD only. CONF E.Lansing (NS2008),P184,Tandel
^{249}Cf	2008TAZA	NUCLEAR REACTIONS ^{248}Cm(^{209}Bi, X), E=1450 MeV;^{249}Cf(^{207}Pb, X), E=1430 MeV; measured Z(particle), A(particle), Eγ, Iγ, (particle)(particle)-coin. ^{247,249}Cm, ^{249}Cf, ^{253}No deduced levels, J, π, bands, band crossing. ^{247}Cm, ^{249}Cf deduced g-factor. ^{244}Pu deduced neutron alignment. Results on CD only. CONF E.Lansing (NS2008),P184,Tandel
^{249}Es	2010YE06	RADIOACTIVITY ^{249}Fm(EC), (α); measured Eγ, γ; deduced energy spectrum of γ-rays, E(ce). JOUR PRAMC 75 3
^{249}Fm	2010DW01	ATOMIC MASSES ^{232}U, ^{236,238}Pu, ^{240,241,242}Cm, ^{244,245,246}Cf, ^{248,249,250}Fm, ^{252,253,254}No, ^{256,257,258}Rf, ^{260,261,262}Sg, ^{264,265,266}Hs, ^{268,269,270}Ds; compiled and evaluated mass excesses. JOUR PRVCA 81 064312
	2010YE06	RADIOACTIVITY ^{249}Fm(EC), (α); measured Eγ, γ; deduced energy spectrum of γ-rays, E(ce). JOUR PRAMC 75 3
^{249}Md	2010HE11	RADIOACTIVITY ^{253}Lr, ^{257}Db, ^{261}Bh(α) [^{209}Bi(^{54}Cr, 2n), E=271 MeV]; measured Eα, Iα, Eγ, $\alpha\gamma$-coin; calculated $T_{1/2}$, hindrance factors. ^{257}Db, ^{261}Bh; deduced levels, J, π. JOUR ZAANE 43 175

A=250

^{250}Cf	2010VE03	RADIOACTIVITY ^{250,252}Cf(SF); measured ternary α, triton and ^{6}He emission probabilities, fission spectra, α-spectra, triton-spectra and ^{6}He-spectra using energy loss telescope detectors. Comparison with other data and systematics. JOUR NUPAB 837 176
^{250}Es	2010HE10	RADIOACTIVITY ^{254}Md, ^{254}No(α), (EC) [from ^{208}Pb(^{48}Ca, 2n), E=213.6, 218.4 MeV]; measured Eγ, Iγ, Eα, Iα, E(ce), I(ce), $\gamma\gamma$-, γ(ce)-coin; deduced branching ratios, bands, levels, J, π, $T_{1/2}$, configurations. JOUR ZAANE 43 55
^{250}Fm	2008ROZW	NUCLEAR REACTIONS ^{204}Hg(^{48}Ca, 2n), E=211 MeV; measured E(ce), I(ce), Eγ, Iγ, $\gamma\gamma$-coin, delayed Eγ, delayed Iγ; deduced levels, J, π, branching, g-factor, B(M1), B(E2), isomeric transition. Comparison with ^{252,254}No. Results on CD only. CONF E.Lansing (NS2008),P171,Rostron
	2010DW01	ATOMIC MASSES ^{232}U, ^{236,238}Pu, ^{240,241,242}Cm, ^{244,245,246}Cf, ^{248,249,250}Fm, ^{252,253,254}No, ^{256,257,258}Rf, ^{260,261,262}Sg, ^{264,265,266}Hs, ^{268,269,270}Ds; compiled and evaluated mass excesses. JOUR PRVCA 81 064312
	2010HE10	RADIOACTIVITY ^{254}Md, ^{254}No(α), (EC) [from ^{208}Pb(^{48}Ca, 2n), E=213.6, 218.4 MeV]; measured Eγ, Iγ, Eα, Iα, E(ce), I(ce), $\gamma\gamma$-, γ(ce)-coin; deduced branching ratios, bands, levels, J, π, $T_{1/2}$, configurations. JOUR ZAANE 43 55

A=251

No references found

A=252

^{252}Cf	2009DI12	RADIOACTIVITY ^{252}Cf(SF); ^{109}Ru; measured Eγ, Iγ, γ-γ-coin.; deduced high-spin states, level scheme, ground state and negative and positive parity bands. JOUR CPCHC 33 s01 154
	2009GU32	RADIOACTIVITY ^{252}Cf(SF); ^{106}Tc; measured Eγ, Iγ, γ-γ-coin.; deduced high-spin states, level scheme, J, π, collective bands. Total Routhian surface (TRS) calculations. JOUR CPCHC 33 s01 182
	2009WA31	RADIOACTIVITY ^{252}Cf(SF); ^{104}Nb; measured Eγ, Iγ, γ-γ-coin.; deduced high-spin states, level scheme, J, π, rotational bands. Comparison with experimental data. JOUR CPCHC 33 s01 158
	2009YA26	RADIOACTIVITY ^{252}Cf(SF); ^{102}Mo; measured Eγ, Iγ, γ-γ-coin.; deduced high-spin states, level scheme, J, π, bands. Systematic comparison with experimental data. JOUR CPCHC 33 s01 199
	2009ZH50	RADIOACTIVITY ^{252}Cf(SF); ^{106}Mo, ^{110,112}Ru; measured Eγ, Iγ, γ-γ-coin.; deduced high-spin states, chiral doublet vibrational bands, J, π, energies, B(E2) / B(M1), branching ratios. 3D-Tilted Axis Cranking (TAC) calculations. JOUR CPCHC 33 s01 145
	2010LI24	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, I$\gamma(\theta)$, $\gamma\gamma$-coin. ^{139,142}Cs; deduced high-spin states, levels, J, π, bands, ICC, δ. ^{139}Cs calculated levels, J, π, δ using shell model. JOUR NUPAB 834 78c
	2010VE03	RADIOACTIVITY ^{250,252}Cf(SF); measured ternary α, triton and ^{6}He emission probabilities, fission spectra, α-spectra, triton-spectra and ^{6}He-spectra using energy loss telescope detectors. Comparison with other data and systematics. JOUR NUPAB 837 176
	2010WA26	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{103}Nb, ^{105}Mo, ^{107}Tc; deduced levels, J, π, high-spin states, 2γ-vibrational bands. JOUR NUPAB 834 94c
	2010ZE04	RADIOACTIVITY ^{252}Cf(SF); measured fission fragments; deduced mass yield, angular distribution, prompt fission neutron energy spectrum. Comparison with maxwellian spectrum. JOUR BRSPE 74 800
^{252}No	2010DW01	ATOMIC MASSES ^{252,253,254}No; measured cyclotron frequencies using SHIPTRAP Penning-trap system; deduced mean frequency ratios and mass excesses. Comparison with AME2003 and re-evaluation. JOUR PRVCA 81 064312
	2010DW01	ATOMIC MASSES ^{232}U, ^{236,238}Pu, ^{240,241,242}Cm, ^{244,245,246}Cf, ^{248,249,250}Fm, ^{252,253,254}No, ^{256,257,258}Rf, ^{260,261,262}Sg, ^{264,265,266}Hs, ^{268,269,270}Ds; compiled and evaluated mass excesses. JOUR PRVCA 81 064312
	2010DW01	NUCLEAR REACTIONS ^{206,207,208}Pb(^{48}Ca, 2n)^{252}No / ^{253}No / ^{254}No, E=4.55 MeV / nucleon; measured production σ. JOUR PRVCA 81 064312

A=253

^{253}No	2008TAZA	NUCLEAR REACTIONS ^{248}Cm(^{209}Bi, X), E=1450 MeV;^{249}Cf(^{207}Pb, X), E=1430 MeV; measured Z(particle), A(particle), Eγ, Iγ, (particle)(particle)-coin. ^{247,249}Cm, ^{249}Cf, ^{253}No deduced levels, J, π, bands, band crossing. ^{247}Cm, ^{249}Cf deduced g-factor. ^{244}Pu deduced neutron alignment. Results on CD only. CONF E.Lansing (NS2008),P184,Tandel
	2009HE23	NUCLEAR REACTIONS ^{207}Pb(^{48}Ca, 2n), E=219 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin with JUROGRAM and RITU; analyzed conversion electron spectra from SACRED detector. ^{253}No; deduced $T_{1/2}$, J, π, level energies, multipolarities, branching ratios. Comparison with rotational model. JOUR ZAANE 42 333
	2010BE16	RADIOACTIVITY ^{256}RF(SF); ^{257}Rf, ^{261}Sg(α); measured Eα, half-lives. JOUR PRVCA 81 064325
	2010DW01	ATOMIC MASSES ^{252,253,254}No; measured cyclotron frequencies using SHIPTRAP Penning-trap system; deduced mean frequency ratios and mass excesses. Comparison with AME2003 and re-evaluation. JOUR PRVCA 81 064312
	2010DW01	ATOMIC MASSES ^{232}U, ^{236,238}Pu, ^{240,241,242}Cm, ^{244,245,246}Cf, ^{248,249,250}Fm, ^{252,253,254}No, ^{256,257,258}Rf, ^{260,261,262}Sg, ^{264,265,266}Hs, ^{268,269,270}Ds; compiled and evaluated mass excesses. JOUR PRVCA 81 064312
	2010DW01	NUCLEAR REACTIONS ^{206,207,208}Pb(^{48}Ca, 2n)^{252}No / ^{253}No / ^{254}No, E=4.55 MeV / nucleon; measured production σ. JOUR PRVCA 81 064312
^{253}Lr	2010HE11	RADIOACTIVITY ^{253}Lr, ^{257}Db, ^{261}Bh(α) [^{209}Bi(^{54}Cr, 2n), E=271 MeV]; measured Eα, Iα, Eγ, $\alpha\gamma$-coin; calculated $T_{1/2}$, hindrance factors. ^{257}Db, ^{261}Bh; deduced levels, J, π. JOUR ZAANE 43 175

A=254

^{254}Fm	2010HE10	RADIOACTIVITY ^{254}Md, ^{254}No(α), (EC) [from ^{208}Pb(^{48}Ca, 2n), E=213.6, 218.4 MeV]; measured Eγ, Iγ, Eα, Iα, E(ce), I(ce), $\gamma\gamma$-, γ(ce)-coin; deduced branching ratios, bands, levels, J, π, $T_{1/2}$, configurations. JOUR ZAANE 43 55
^{254}Md	2010HE10	RADIOACTIVITY ^{254}Md, ^{254}No(α), (EC) [from ^{208}Pb(^{48}Ca, 2n), E=213.6, 218.4 MeV]; measured Eγ, Iγ, Eα, Iα, E(ce), I(ce), $\gamma\gamma$-, γ(ce)-coin; deduced branching ratios, bands, levels, J, π, $T_{1/2}$, configurations. JOUR ZAANE 43 55
^{254}No	2010DW01	ATOMIC MASSES ^{252,253,254}No; measured cyclotron frequencies using SHIPTRAP Penning-trap system; deduced mean frequency ratios and mass excesses. Comparison with AME2003 and re-evaluation. JOUR PRVCA 81 064312
	2010DW01	ATOMIC MASSES ^{232}U, ^{236,238}Pu, ^{240,241,242}Cm, ^{244,245,246}Cf, ^{248,249,250}Fm, ^{252,253,254}No, ^{256,257,258}Rf, ^{260,261,262}Sg, ^{264,265,266}Hs, ^{268,269,270}Ds; compiled and evaluated mass excesses. JOUR PRVCA 81 064312

A=254 *(continued)*

2010DW01 NUCLEAR REACTIONS ^{206,207,208}Pb(^{48}Ca, 2n)^{252}No / ^{253}No / ^{254}No, E=4.55 MeV / nucleon; measured production σ. JOUR PRVCA 81 064312

2010HE10 NUCLEAR REACTIONS ^{208}Pb(^{48}Ca, 2n), E=213.6, 218.4 MeV; measured Eγ, Iγ, Eα, Iα, E(ce), I(ce), $\gamma\gamma$-, γ(ce)-coin. ^{254}No; deduced branching ratios, bands, levels, J, π, $T_{1/2}$, configurations. JOUR ZAANE 43 55

2010HE10 RADIOACTIVITY ^{254}Md, ^{254}No(α), (EC) [from ^{208}Pb(^{48}Ca, 2n), E=213.6, 218.4 MeV]; measured Eγ, Iγ, Eα, Iα, E(ce), I(ce), $\gamma\gamma$-, γ(ce)-coin; deduced branching ratios, bands, levels, J, π, $T_{1/2}$, configurations. JOUR ZAANE 43 55

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

A=255

^{255}No 2009OG07 NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(^{48}Ca, n), (^{50}Ti, n), (^{54}Cr, n), (^{58}Fe, n), (^{62}Ni, n), (^{64}Ni, n), (^{70}Zn, n), E≈200-300 MeV; analyzed SHE production σ. ^{238}U, ^{237}Np, ^{242,244}Pu, ^{243}Am, ^{245,248}Cm, ^{249}Cf(^{22}Ne, 4n), (^{26}Mg, 4n), (^{34}S, 5n), (^{48}Ca, 3n), (^{48}Ca, 4n), E≈200-300 MeV; measured Eα, Iα, SHE production σ using Gas-Filled Recoil Separator; analyzed reaction mechanism features; deduced Q-values, $T_{1/2}$ of sequential decay products and compared to calculations. JOUR ZAANE 42 361

^{255}Lr 2009OG07 NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(^{48}Ca, n), (^{50}Ti, n), (^{54}Cr, n), (^{58}Fe, n), (^{62}Ni, n), (^{64}Ni, n), (^{70}Zn, n), E≈200-300 MeV; analyzed SHE production σ. ^{238}U, ^{237}Np, ^{242,244}Pu, ^{243}Am, ^{245,248}Cm, ^{249}Cf(^{22}Ne, 4n), (^{26}Mg, 4n), (^{34}S, 5n), (^{48}Ca, 3n), (^{48}Ca, 4n), E≈200-300 MeV; measured Eα, Iα, SHE production σ using Gas-Filled Recoil Separator; analyzed reaction mechanism features; deduced Q-values, $T_{1/2}$ of sequential decay products and compared to calculations. JOUR ZAANE 42 361

A=256

^{256}No 2009OG07 NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(^{48}Ca, n), (^{50}Ti, n), (^{54}Cr, n), (^{58}Fe, n), (^{62}Ni, n), (^{64}Ni, n), (^{70}Zn, n), E≈200-300 MeV; analyzed SHE production σ. ^{238}U, ^{237}Np, ^{242,244}Pu, ^{243}Am, ^{245,248}Cm, ^{249}Cf(^{22}Ne, 4n), (^{26}Mg, 4n), (^{34}S, 5n), (^{48}Ca, 3n), (^{48}Ca, 4n), E≈200-300 MeV; measured Eα, Iα, SHE production σ using Gas-Filled Recoil Separator; analyzed reaction mechanism features; deduced Q-values, $T_{1/2}$ of sequential decay products and compared to calculations. JOUR ZAANE 42 361

A=256 ***(continued)***

^{256}Lr	2009OG07	NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(^{48}Ca, n), (^{50}Ti, n), (^{54}Cr, n), (^{58}Fe, n), (^{62}Ni, n), (^{64}Ni, n), (^{70}Zn, n), E≈200-300 MeV; analyzed SHE production σ. ^{238}U, ^{237}Np, ^{242,244}Pu, ^{243}Am, ^{245,248}Cm, ^{249}Cf(^{22}Ne, 4n), (^{26}Mg, 4n), (^{34}S, 5n), (^{48}Ca, 3n), (^{48}Ca, 4n), E≈200-300 MeV; measured Eα, Iα, SHE production σ using Gas-Filled Recoil Separator; analyzed reaction mechanism features; deduced Q-values, $T_{1/2}$ of sequential decay products and compared to calculations. JOUR ZAANE 42 361
^{256}Rf	2010BE16	NUCLEAR REACTIONS ^{208}Pb(^{54}Cr, n), E=261 MeV; ^{208}Pb(^{50}Ti, n), (^{50}Ti, 2n), E=238 MeV; measured Eγ, E(ce), Eα, (recoil)(ce)(α)-, (recoil)(ce)(x ray)(α)-, (recoil)(ce)-, (recoil)(ce)(fission)-, γ(recoil)(ce)(α)-, γ(recoil)(ce)(x ray)(α)-, (recoil)(ce)(α)(α)-coin, half-lives. ^{257}Rf, ^{261}Sg; deduced levels, J, π, isomer, band, configurations. Comparison with calculated energy levels of ^{261}Sg. JOUR PRVCA 81 064325
	2010BE16	RADIOACTIVITY ^{256}RF(SF); ^{257}Rf, ^{261}Sg(α); measured Eα, half-lives. JOUR PRVCA 81 064325
	2010DW01	ATOMIC MASSES ^{232}U, ^{236,238}Pu, ^{240,241,242}Cm, ^{244,245,246}Cf, ^{248,249,250}Fm, ^{252,253,254}No, ^{256,257,258}Rf, ^{260,261,262}Sg, ^{264,265,266}Hs, ^{268,269,270}Ds; compiled and evaluated mass excesses. JOUR PRVCA 81 064312

A=257

^{257}Rf	2009OG07	NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(^{48}Ca, n), (^{50}Ti, n), (^{54}Cr, n), (^{58}Fe, n), (^{62}Ni, n), (^{64}Ni, n), (^{70}Zn, n), E≈200-300 MeV; analyzed SHE production σ. ^{238}U, ^{237}Np, ^{242,244}Pu, ^{243}Am, ^{245,248}Cm, ^{249}Cf(^{22}Ne, 4n), (^{26}Mg, 4n), (^{34}S, 5n), (^{48}Ca, 3n), (^{48}Ca, 4n), E≈200-300 MeV; measured Eα, Iα, SHE production σ using Gas-Filled Recoil Separator; analyzed reaction mechanism features; deduced Q-values, $T_{1/2}$ of sequential decay products and compared to calculations. JOUR ZAANE 42 361
	2010BE16	NUCLEAR REACTIONS ^{208}Pb(^{54}Cr, n), E=261 MeV; ^{208}Pb(^{50}Ti, n), (^{50}Ti, 2n), E=238 MeV; measured Eγ, E(ce), Eα, (recoil)(ce)(α)-, (recoil)(ce)(x ray)(α)-, (recoil)(ce)-, (recoil)(ce)(fission)-, γ(recoil)(ce)(α)-, γ(recoil)(ce)(x ray)(α)-, (recoil)(ce)(α)(α)-coin, half-lives. ^{257}Rf, ^{261}Sg; deduced levels, J, π, isomer, band, configurations. Comparison with calculated energy levels of ^{261}Sg. JOUR PRVCA 81 064325
	2010BE16	RADIOACTIVITY ^{256}RF(SF); ^{257}Rf, ^{261}Sg(α); measured Eα, half-lives. JOUR PRVCA 81 064325
	2010DW01	ATOMIC MASSES ^{232}U, ^{236,238}Pu, ^{240,241,242}Cm, ^{244,245,246}Cf, ^{248,249,250}Fm, ^{252,253,254}No, ^{256,257,258}Rf, ^{260,261,262}Sg, ^{264,265,266}Hs, ^{268,269,270}Ds; compiled and evaluated mass excesses. JOUR PRVCA 81 064312
^{257}Db	2010HE11	RADIOACTIVITY ^{253}Lr, ^{257}Db, ^{261}Bh(α) [^{209}Bi(^{54}Cr, 2n), E=271 MeV]; measured Eα, Iα, Eγ, $\alpha\gamma$-coin; calculated $T_{1/2}$, hindrance factors. ^{257}Db, ^{261}Bh; deduced levels, J, π. JOUR ZAANE 43 175

A=258

^{258}Rf	2010DW01	ATOMIC MASSES ^{232}U, ^{236,238}Pu, ^{240,241,242}Cm, ^{244,245,246}Cf, ^{248,249,250}Fm, ^{252,253,254}No, ^{256,257,258}Rf, ^{260,261,262}Sg, ^{264,265,266}Hs, ^{268,269,270}Ds; compiled and evaluated mass excesses. JOUR PRVCA 81 064312
^{258}Db	2009OG07	NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(^{48}Ca, n), (^{50}Ti, n), (^{54}Cr, n), (^{58}Fe, n), (^{62}Ni, n), (^{64}Ni, n), (^{70}Zn, n), E≈200-300 MeV; analyzed SHE production σ. ^{238}U, ^{237}Np, ^{242,244}Pu, ^{243}Am, ^{245,248}Cm, ^{249}Cf(^{22}Ne, 4n), (^{26}Mg, 4n), (^{34}S, 5n), (^{48}Ca, 3n), (^{48}Ca, 4n), E≈200-300 MeV; measured Eα, Iα, SHE production σ using Gas-Filled Recoil Separator; analyzed reaction mechanism features; deduced Q-values, $T_{1/2}$ of sequential decay products and compared to calculations. JOUR ZAANE 42 361

A=259

^{259}Db	2009OG07	NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(^{48}Ca, n), (^{50}Ti, n), (^{54}Cr, n), (^{58}Fe, n), (^{62}Ni, n), (^{64}Ni, n), (^{70}Zn, n), E≈200-300 MeV; analyzed SHE production σ. ^{238}U, ^{237}Np, ^{242,244}Pu, ^{243}Am, ^{245,248}Cm, ^{249}Cf(^{22}Ne, 4n), (^{26}Mg, 4n), (^{34}S, 5n), (^{48}Ca, 3n), (^{48}Ca, 4n), E≈200-300 MeV; measured Eα, Iα, SHE production σ using Gas-Filled Recoil Separator; analyzed reaction mechanism features; deduced Q-values, $T_{1/2}$ of sequential decay products and compared to calculations. JOUR ZAANE 42 361

A=260

^{260}Rf	2009OG07	NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(^{48}Ca, n), (^{50}Ti, n), (^{54}Cr, n), (^{58}Fe, n), (^{62}Ni, n), (^{64}Ni, n), (^{70}Zn, n), E≈200-300 MeV; analyzed SHE production σ. ^{238}U, ^{237}Np, ^{242,244}Pu, ^{243}Am, ^{245,248}Cm, ^{249}Cf(^{22}Ne, 4n), (^{26}Mg, 4n), (^{34}S, 5n), (^{48}Ca, 3n), (^{48}Ca, 4n), E≈200-300 MeV; measured Eα, Iα, SHE production σ using Gas-Filled Recoil Separator; analyzed reaction mechanism features; deduced Q-values, $T_{1/2}$ of sequential decay products and compared to calculations. JOUR ZAANE 42 361
^{260}Sg	2010DW01	ATOMIC MASSES ^{232}U, ^{236,238}Pu, ^{240,241,242}Cm, ^{244,245,246}Cf, ^{248,249,250}Fm, ^{252,253,254}No, ^{256,257,258}Rf, ^{260,261,262}Sg, ^{264,265,266}Hs, ^{268,269,270}Ds; compiled and evaluated mass excesses. JOUR PRVCA 81 064312

A=261

^{261}Rf	2010GR04	RADIOACTIVITY ^{268,269,270,271}Hs, ^{265,267}Sg(α); measured Eα, half-lives, $\alpha\alpha$ correlations. ^{261,263}Rf, ^{264}Sg(SF); measured α-SF correlations. JOUR PRVCA 81 061601

A=261 *(continued)*

^{261}Db	2009OG07	NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(^{48}Ca, n), (^{50}Ti, n), (^{54}Cr, n), (^{58}Fe, n), (^{62}Ni, n), (^{64}Ni, n), (^{70}Zn, n), E≈200-300 MeV; analyzed SHE production σ. ^{238}U, ^{237}Np, ^{242,244}Pu, ^{243}Am, ^{245,248}Cm, ^{249}Cf(^{22}Ne, 4n), (^{26}Mg, 4n), (^{34}S, 5n), (^{48}Ca, 3n), (^{48}Ca, 4n), E≈200-300 MeV; measured Eα, Iα, SHE production σ using Gas-Filled Recoil Separator; analyzed reaction mechanism features; deduced Q-values, $T_{1/2}$ of sequential decay products and compared to calculations. JOUR ZAANE 42 361
^{261}Sg	2009OG07	NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(^{48}Ca, n), (^{50}Ti, n), (^{54}Cr, n), (^{58}Fe, n), (^{62}Ni, n), (^{64}Ni, n), (^{70}Zn, n), E≈200-300 MeV; analyzed SHE production σ. ^{238}U, ^{237}Np, ^{242,244}Pu, ^{243}Am, ^{245,248}Cm, ^{249}Cf(^{22}Ne, 4n), (^{26}Mg, 4n), (^{34}S, 5n), (^{48}Ca, 3n), (^{48}Ca, 4n), E≈200-300 MeV; measured Eα, Iα, SHE production σ using Gas-Filled Recoil Separator; analyzed reaction mechanism features; deduced Q-values, $T_{1/2}$ of sequential decay products and compared to calculations. JOUR ZAANE 42 361
	2010BE16	NUCLEAR REACTIONS ^{208}Pb(^{54}Cr, n), E=261 MeV; ^{208}Pb(^{50}Ti, n), (^{50}Ti, 2n), E=238 MeV; measured Eγ, E(ce), Eα, (recoil)(ce)(α)-, (recoil)(ce)(x ray)(α)-, (recoil)(ce)-, (recoil)(ce)(fission)-, γ(recoil)(ce)(α)-, γ(recoil)(ce)(x ray)(α)-, (recoil)(ce)(α)(α)-coin, half-lives. ^{257}Rf, ^{261}Sg; deduced levels, J, π, isomer, band, configurations. Comparison with calculated energy levels of ^{261}Sg. JOUR PRVCA 81 064325
	2010BE16	RADIOACTIVITY ^{256}RF(SF); ^{257}Rf, ^{261}Sg(α); measured Eα, half-lives. JOUR PRVCA 81 064325
	2010DW01	ATOMIC MASSES ^{232}U, ^{236,238}Pu, ^{240,241,242}Cm, ^{244,245,246}Cf, ^{248,249,250}Fm, ^{252,253,254}No, ^{256,257,258}Rf, ^{260,261,262}Sg, ^{264,265,266}Hs, ^{268,269,270}Ds; compiled and evaluated mass excesses. JOUR PRVCA 81 064312
^{261}Bh	2010HE11	RADIOACTIVITY ^{253}Lr, ^{257}Db, ^{261}Bh(α) [^{209}Bi(^{54}Cr, 2n), E=271 MeV]; measured Eα, Iα, Eγ, $\alpha\gamma$-coin; calculated $T_{1/2}$, hindrance factors. ^{257}Db, ^{261}Bh; deduced levels, J, π. JOUR ZAANE 43 175

A=262

^{262}Rf	2009OG07	NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(^{48}Ca, n), (^{50}Ti, n), (^{54}Cr, n), (^{58}Fe, n), (^{62}Ni, n), (^{64}Ni, n), (^{70}Zn, n), E≈200-300 MeV; analyzed SHE production σ. ^{238}U, ^{237}Np, ^{242,244}Pu, ^{243}Am, ^{245,248}Cm, ^{249}Cf(^{22}Ne, 4n), (^{26}Mg, 4n), (^{34}S, 5n), (^{48}Ca, 3n), (^{48}Ca, 4n), E≈200-300 MeV; measured Eα, Iα, SHE production σ using Gas-Filled Recoil Separator; analyzed reaction mechanism features; deduced Q-values, $T_{1/2}$ of sequential decay products and compared to calculations. JOUR ZAANE 42 361
^{262}Sg	2010DW01	ATOMIC MASSES ^{232}U, ^{236,238}Pu, ^{240,241,242}Cm, ^{244,245,246}Cf, ^{248,249,250}Fm, ^{252,253,254}No, ^{256,257,258}Rf, ^{260,261,262}Sg, ^{264,265,266}Hs, ^{268,269,270}Ds; compiled and evaluated mass excesses. JOUR PRVCA 81 064312

A=262 *(continued)*

^{262}Bh	2009OG07	NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(^{48}Ca, n), (^{50}Ti, n), (^{54}Cr, n), (^{58}Fe, n), (^{62}Ni, n), (^{64}Ni, n), (^{70}Zn, n), E≈200-300 MeV; analyzed SHE production σ. ^{238}U, ^{237}Np, ^{242,244}Pu, ^{243}Am, ^{245,248}Cm, ^{249}Cf(^{22}Ne, 4n), (^{26}Mg, 4n), (^{34}S, 5n), (^{48}Ca, 3n), (^{48}Ca, 4n), E≈200-300 MeV; measured Eα, Iα, SHE production σ using Gas-Filled Recoil Separator; analyzed reaction mechanism features; deduced Q-values, $T_{1/2}$ of sequential decay products and compared to calculations. JOUR ZAANE 42 361

A=263

^{263}Rf	2010GR04	RADIOACTIVITY ^{268,269,270,271}Hs, ^{265,267}Sg(α); measured Eα, half-lives, $\alpha\alpha$ correlations. ^{261,263}Rf, ^{264}Sg(SF); measured α-SF correlations. JOUR PRVCA 81 061601
^{263}Sg	2009OG07	NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(^{48}Ca, n), (^{50}Ti, n), (^{54}Cr, n), (^{58}Fe, n), (^{62}Ni, n), (^{64}Ni, n), (^{70}Zn, n), E≈200-300 MeV; analyzed SHE production σ. ^{238}U, ^{237}Np, ^{242,244}Pu, ^{243}Am, ^{245,248}Cm, ^{249}Cf(^{22}Ne, 4n), (^{26}Mg, 4n), (^{34}S, 5n), (^{48}Ca, 3n), (^{48}Ca, 4n), E≈200-300 MeV; measured Eα, Iα, SHE production σ using Gas-Filled Recoil Separator; analyzed reaction mechanism features; deduced Q-values, $T_{1/2}$ of sequential decay products and compared to calculations. JOUR ZAANE 42 361

A=264

^{264}Sg	2009OG07	NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(^{48}Ca, n), (^{50}Ti, n), (^{54}Cr, n), (^{58}Fe, n), (^{62}Ni, n), (^{64}Ni, n), (^{70}Zn, n), E≈200-300 MeV; analyzed SHE production σ. ^{238}U, ^{237}Np, ^{242,244}Pu, ^{243}Am, ^{245,248}Cm, ^{249}Cf(^{22}Ne, 4n), (^{26}Mg, 4n), (^{34}S, 5n), (^{48}Ca, 3n), (^{48}Ca, 4n), E≈200-300 MeV; measured Eα, Iα, SHE production σ using Gas-Filled Recoil Separator; analyzed reaction mechanism features; deduced Q-values, $T_{1/2}$ of sequential decay products and compared to calculations. JOUR ZAANE 42 361
	2010GR04	RADIOACTIVITY ^{268,269,270,271}Hs, ^{265,267}Sg(α); measured Eα, half-lives, $\alpha\alpha$ correlations. ^{261,263}Rf, ^{264}Sg(SF); measured α-SF correlations. JOUR PRVCA 81 061601
^{264}Hs	2010DW01	ATOMIC MASSES ^{232}U, ^{236,238}Pu, ^{240,241,242}Cm, ^{244,245,246}Cf, ^{248,249,250}Fm, ^{252,253,254}No, ^{256,257,258}Rf, ^{260,261,262}Sg, ^{264,265,266}Hs, ^{268,269,270}Ds; compiled and evaluated mass excesses. JOUR PRVCA 81 064312

A=265

^{265}Sg	2010GR04	RADIOACTIVITY ^{268,269,270,271}Hs, ^{265,267}Sg(α); measured Eα, half-lives, $\alpha\alpha$ correlations. ^{261,263}Rf, ^{264}Sg(SF); measured α-SF correlations. JOUR PRVCA 81 061601

A=265 ***(continued)***

^{265}Bh	2009OG07	NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(^{48}Ca, n), (^{50}Ti, n), (^{54}Cr, n), (^{58}Fe, n), (^{62}Ni, n), (^{64}Ni, n), (^{70}Zn, n), E≈200-300 MeV; analyzed SHE production σ. ^{238}U, ^{237}Np, ^{242,244}Pu, ^{243}Am, ^{245,248}Cm, ^{249}Cf(^{22}Ne, 4n), (^{26}Mg, 4n), (^{34}S, 5n), (^{48}Ca, 3n), (^{48}Ca, 4n), E≈200-300 MeV; measured Eα, Iα, SHE production σ using Gas-Filled Recoil Separator; analyzed reaction mechanism features; deduced Q-values, $T_{1/2}$ of sequential decay products and compared to calculations. JOUR ZAANE 42 361
^{265}Hs	2009OG07	NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(^{48}Ca, n), (^{50}Ti, n), (^{54}Cr, n), (^{58}Fe, n), (^{62}Ni, n), (^{64}Ni, n), (^{70}Zn, n), E≈200-300 MeV; analyzed SHE production σ. ^{238}U, ^{237}Np, ^{242,244}Pu, ^{243}Am, ^{245,248}Cm, ^{249}Cf(^{22}Ne, 4n), (^{26}Mg, 4n), (^{34}S, 5n), (^{48}Ca, 3n), (^{48}Ca, 4n), E≈200-300 MeV; measured Eα, Iα, SHE production σ using Gas-Filled Recoil Separator; analyzed reaction mechanism features; deduced Q-values, $T_{1/2}$ of sequential decay products and compared to calculations. JOUR ZAANE 42 361
	2010DW01	ATOMIC MASSES ^{232}U, ^{236,238}Pu, ^{240,241,242}Cm, ^{244,245,246}Cf, ^{248,249,250}Fm, ^{252,253,254}No, ^{256,257,258}Rf, ^{260,261,262}Sg, ^{264,265,266}Hs, ^{268,269,270}Ds; compiled and evaluated mass excesses. JOUR PRVCA 81 064312

A=266

^{266}Sg	2009OG07	NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(^{48}Ca, n), (^{50}Ti, n), (^{54}Cr, n), (^{58}Fe, n), (^{62}Ni, n), (^{64}Ni, n), (^{70}Zn, n), E≈200-300 MeV; analyzed SHE production σ. ^{238}U, ^{237}Np, ^{242,244}Pu, ^{243}Am, ^{245,248}Cm, ^{249}Cf(^{22}Ne, 4n), (^{26}Mg, 4n), (^{34}S, 5n), (^{48}Ca, 3n), (^{48}Ca, 4n), E≈200-300 MeV; measured Eα, Iα, SHE production σ using Gas-Filled Recoil Separator; analyzed reaction mechanism features; deduced Q-values, $T_{1/2}$ of sequential decay products and compared to calculations. JOUR ZAANE 42 361
	2010GR04	RADIOACTIVITY ^{268,269,270,271}Hs, ^{265,267}Sg(α); measured Eα, half-lives, $\alpha\alpha$ correlations. ^{261,263}Rf, ^{264}Sg(SF); measured α-SF correlations. JOUR PRVCA 81 061601
^{266}Hs	2010DW01	ATOMIC MASSES ^{232}U, ^{236,238}Pu, ^{240,241,242}Cm, ^{244,245,246}Cf, ^{248,249,250}Fm, ^{252,253,254}No, ^{256,257,258}Rf, ^{260,261,262}Sg, ^{264,265,266}Hs, ^{268,269,270}Ds; compiled and evaluated mass excesses. JOUR PRVCA 81 064312
^{266}Mt	2009OG07	NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(^{48}Ca, n), (^{50}Ti, n), (^{54}Cr, n), (^{58}Fe, n), (^{62}Ni, n), (^{64}Ni, n), (^{70}Zn, n), E≈200-300 MeV; analyzed SHE production σ. ^{238}U, ^{237}Np, ^{242,244}Pu, ^{243}Am, ^{245,248}Cm, ^{249}Cf(^{22}Ne, 4n), (^{26}Mg, 4n), (^{34}S, 5n), (^{48}Ca, 3n), (^{48}Ca, 4n), E≈200-300 MeV; measured Eα, Iα, SHE production σ using Gas-Filled Recoil Separator; analyzed reaction mechanism features; deduced Q-values, $T_{1/2}$ of sequential decay products and compared to calculations. JOUR ZAANE 42 361

A=267

^{267}Sg	2010GR04	RADIOACTIVITY ^{268,269,270,271}Hs, ^{265,267}Sg(α); measured Eα, half-lives, $\alpha\alpha$ correlations. ^{261,263}Rf, ^{264}Sg(SF); measured α-SF correlations. JOUR PRVCA 81 061601
^{267}Hs	2009OG07	NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(^{48}Ca, n), (^{50}Ti, n), (^{54}Cr, n), (^{58}Fe, n), (^{62}Ni, n), (^{64}Ni, n), (^{70}Zn, n), E≈200-300 MeV; analyzed SHE production σ. ^{238}U, ^{237}Np, ^{242,244}Pu, ^{243}Am, ^{245,248}Cm, ^{249}Cf(^{22}Ne, 4n), (^{26}Mg, 4n), (^{34}S, 5n), (^{48}Ca, 3n), (^{48}Ca, 4n), E≈200-300 MeV; measured Eα, Iα, SHE production σ using Gas-Filled Recoil Separator; analyzed reaction mechanism features; deduced Q-values, $T_{1/2}$ of sequential decay products and compared to calculations. JOUR ZAANE 42 361

A=268

^{268}Hs	2010GR04	RADIOACTIVITY ^{268,269,270,271}Hs, ^{265,267}Sg(α); measured Eα, half-lives, $\alpha\alpha$ correlations. ^{261,263}Rf, ^{264}Sg(SF); measured α-SF correlations. JOUR PRVCA 81 061601
^{268}Ds	2010DW01	ATOMIC MASSES ^{232}U, ^{236,238}Pu, ^{240,241,242}Cm, ^{244,245,246}Cf, ^{248,249,250}Fm, ^{252,253,254}No, ^{256,257,258}Rf, ^{260,261,262}Sg, ^{264,265,266}Hs, ^{268,269,270}Ds; compiled and evaluated mass excesses. JOUR PRVCA 81 064312

A=269

^{269}Hs	2010GR04	NUCLEAR REACTIONS ^{238}U(^{36}S, 3n), (^{36}S, 4n), (^{36}S, 5n), E=256.4 MeV; measured reaction products using COMPACT system of efficient and rapid chemical-separation and online detection based on the cryo-thermo chromatography method. ^{269,270,271}Hs; deduced production σ. JOUR PRVCA 81 061601
	2010GR04	RADIOACTIVITY ^{268,269,270,271}Hs, ^{265,267}Sg(α); measured Eα, half-lives, $\alpha\alpha$ correlations. ^{261,263}Rf, ^{264}Sg(SF); measured α-SF correlations. JOUR PRVCA 81 061601
^{269}Ds	2009OG07	NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(^{48}Ca, n), (^{50}Ti, n), (^{54}Cr, n), (^{58}Fe, n), (^{62}Ni, n), (^{64}Ni, n), (^{70}Zn, n), E≈200-300 MeV; analyzed SHE production σ. ^{238}U, ^{237}Np, ^{242,244}Pu, ^{243}Am, ^{245,248}Cm, ^{249}Cf(^{22}Ne, 4n), (^{26}Mg, 4n), (^{34}S, 5n), (^{48}Ca, 3n), (^{48}Ca, 4n), E≈200-300 MeV; measured Eα, Iα, SHE production σ using Gas-Filled Recoil Separator; analyzed reaction mechanism features; deduced Q-values, $T_{1/2}$ of sequential decay products and compared to calculations. JOUR ZAANE 42 361
	2010DW01	ATOMIC MASSES ^{232}U, ^{236,238}Pu, ^{240,241,242}Cm, ^{244,245,246}Cf, ^{248,249,250}Fm, ^{252,253,254}No, ^{256,257,258}Rf, ^{260,261,262}Sg, ^{264,265,266}Hs, ^{268,269,270}Ds; compiled and evaluated mass excesses. JOUR PRVCA 81 064312

A=270

^{270}Hs	2009OG07	NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(^{48}Ca, n), (^{50}Ti, n), (^{54}Cr, n), (^{58}Fe, n), (^{62}Ni, n), (^{64}Ni, n), (^{70}Zn, n), E≈200-300 MeV; analyzed SHE production σ. ^{238}U, ^{237}Np, ^{242,244}Pu, ^{243}Am, ^{245,248}Cm, ^{249}Cf(^{22}Ne, 4n), (^{26}Mg, 4n), (^{34}S, 5n), (^{48}Ca, 3n), (^{48}Ca, 4n), E≈200-300 MeV; measured Eα, Iα, SHE production σ using Gas-Filled Recoil Separator; analyzed reaction mechanism features; deduced Q-values, $T_{1/2}$ of sequential decay products and compared to calculations. JOUR ZAANE 42 361
	2010GR04	NUCLEAR REACTIONS ^{238}U(^{36}S, 3n), (^{36}S, 4n), (^{36}S, 5n), E=256.4 MeV; measured reaction products using COMPACT system of efficient and rapid chemical-separation and online detection based on the cryo-thermo chromatography method. ^{269,270,271}Hs; deduced production σ. JOUR PRVCA 81 061601
	2010GR04	RADIOACTIVITY ^{268,269,270,271}Hs, ^{265,267}Sg(α); measured Eα, half-lives, $\alpha\alpha$ correlations. ^{261,263}Rf, ^{264}Sg(SF); measured α-SF correlations. JOUR PRVCA 81 061601
^{270}Ds	2010DW01	ATOMIC MASSES ^{232}U, ^{236,238}Pu, ^{240,241,242}Cm, ^{244,245,246}Cf, ^{248,249,250}Fm, ^{252,253,254}No, ^{256,257,258}Rf, ^{260,261,262}Sg, ^{264,265,266}Hs, ^{268,269,270}Ds; compiled and evaluated mass excesses. JOUR PRVCA 81 064312
^{270}Rg	2009OG07	NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(^{48}Ca, n), (^{50}Ti, n), (^{54}Cr, n), (^{58}Fe, n), (^{62}Ni, n), (^{64}Ni, n), (^{70}Zn, n), E≈200-300 MeV; analyzed SHE production σ. ^{238}U, ^{237}Np, ^{242,244}Pu, ^{243}Am, ^{245,248}Cm, ^{249}Cf(^{22}Ne, 4n), (^{26}Mg, 4n), (^{34}S, 5n), (^{48}Ca, 3n), (^{48}Ca, 4n), E≈200-300 MeV; measured Eα, Iα, SHE production σ using Gas-Filled Recoil Separator; analyzed reaction mechanism features; deduced Q-values, $T_{1/2}$ of sequential decay products and compared to calculations. JOUR ZAANE 42 361

A=271

^{271}Hs	2010GR04	NUCLEAR REACTIONS ^{238}U(^{36}S, 3n), (^{36}S, 4n), (^{36}S, 5n), E=256.4 MeV; measured reaction products using COMPACT system of efficient and rapid chemical-separation and online detection based on the cryo-thermo chromatography method. ^{269,270,271}Hs; deduced production σ. JOUR PRVCA 81 061601
	2010GR04	RADIOACTIVITY ^{268,269,270,271}Hs, ^{265,267}Sg(α); measured Eα, half-lives, $\alpha\alpha$ correlations. ^{261,263}Rf, ^{264}Sg(SF); measured α-SF correlations. JOUR PRVCA 81 061601
^{271}Ds	2009OG07	NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(^{48}Ca, n), (^{50}Ti, n), (^{54}Cr, n), (^{58}Fe, n), (^{62}Ni, n), (^{64}Ni, n), (^{70}Zn, n), E≈200-300 MeV; analyzed SHE production σ. ^{238}U, ^{237}Np, ^{242,244}Pu, ^{243}Am, ^{245,248}Cm, ^{249}Cf(^{22}Ne, 4n), (^{26}Mg, 4n), (^{34}S, 5n), (^{48}Ca, 3n), (^{48}Ca, 4n), E≈200-300 MeV; measured Eα, Iα, SHE production σ using Gas-Filled Recoil Separator; analyzed reaction mechanism features; deduced Q-values, $T_{1/2}$ of sequential decay products and compared to calculations. JOUR ZAANE 42 361

A=272

^{272}Rg	2009OG07	NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(^{48}Ca, n), (^{50}Ti, n), (^{54}Cr, n), (^{58}Fe, n), (^{62}Ni, n), (^{64}Ni, n), (^{70}Zn, n), E≈200-300 MeV; analyzed SHE production σ. ^{238}U, ^{237}Np, ^{242,244}Pu, ^{243}Am, ^{245,248}Cm, ^{249}Cf(^{22}Ne, 4n), (^{26}Mg, 4n), (^{34}S, 5n), (^{48}Ca, 3n), (^{48}Ca, 4n), E≈200-300 MeV; measured Eα, Iα, SHE production σ using Gas-Filled Recoil Separator; analyzed reaction mechanism features; deduced Q-values, $T_{1/2}$ of sequential decay products and compared to calculations. JOUR ZAANE 42 361

A=273

^{273}Ds	2009OG07	NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(^{48}Ca, n), (^{50}Ti, n), (^{54}Cr, n), (^{58}Fe, n), (^{62}Ni, n), (^{64}Ni, n), (^{70}Zn, n), E≈200-300 MeV; analyzed SHE production σ. ^{238}U, ^{237}Np, ^{242,244}Pu, ^{243}Am, ^{245,248}Cm, ^{249}Cf(^{22}Ne, 4n), (^{26}Mg, 4n), (^{34}S, 5n), (^{48}Ca, 3n), (^{48}Ca, 4n), E≈200-300 MeV; measured Eα, Iα, SHE production σ using Gas-Filled Recoil Separator; analyzed reaction mechanism features; deduced Q-values, $T_{1/2}$ of sequential decay products and compared to calculations. JOUR ZAANE 42 361

A=274

^{274}112	2009OG07	NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(^{48}Ca, n), (^{50}Ti, n), (^{54}Cr, n), (^{58}Fe, n), (^{62}Ni, n), (^{64}Ni, n), (^{70}Zn, n), E≈200-300 MeV; analyzed SHE production σ. ^{238}U, ^{237}Np, ^{242,244}Pu, ^{243}Am, ^{245,248}Cm, ^{249}Cf(^{22}Ne, 4n), (^{26}Mg, 4n), (^{34}S, 5n), (^{48}Ca, 3n), (^{48}Ca, 4n), E≈200-300 MeV; measured Eα, Iα, SHE production σ using Gas-Filled Recoil Separator; analyzed reaction mechanism features; deduced Q-values, $T_{1/2}$ of sequential decay products and compared to calculations. JOUR ZAANE 42 361

A=275

No references found

A=276

No references found

A=277

^{277}112 2009OG07 NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(^{48}Ca, n), (^{50}Ti, n), (^{54}Cr, n), (^{58}Fe, n), (^{62}Ni, n), (^{64}Ni, n), (^{70}Zn, n), E≈200-300 MeV; analyzed SHE production σ. ^{238}U, ^{237}Np, ^{242,244}Pu, ^{243}Am, ^{245,248}Cm, ^{249}Cf(^{22}Ne, 4n), (^{26}Mg, 4n), (^{34}S, 5n), (^{48}Ca, 3n), (^{48}Ca, 4n), E≈200-300 MeV; measured Eα, Iα, SHE production σ using Gas-Filled Recoil Separator; analyzed reaction mechanism features; deduced Q-values, $T_{1/2}$ of sequential decay products and compared to calculations. JOUR ZAANE 42 361

A=278

^{278}113 2009OG07 NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(^{48}Ca, n), (^{50}Ti, n), (^{54}Cr, n), (^{58}Fe, n), (^{62}Ni, n), (^{64}Ni, n), (^{70}Zn, n), E≈200-300 MeV; analyzed SHE production σ. ^{238}U, ^{237}Np, ^{242,244}Pu, ^{243}Am, ^{245,248}Cm, ^{249}Cf(^{22}Ne, 4n), (^{26}Mg, 4n), (^{34}S, 5n), (^{48}Ca, 3n), (^{48}Ca, 4n), E≈200-300 MeV; measured Eα, Iα, SHE production σ using Gas-Filled Recoil Separator; analyzed reaction mechanism features; deduced Q-values, $T_{1/2}$ of sequential decay products and compared to calculations. JOUR ZAANE 42 361

^{278}114 2009OG07 NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(^{48}Ca, n), (^{50}Ti, n), (^{54}Cr, n), (^{58}Fe, n), (^{62}Ni, n), (^{64}Ni, n), (^{70}Zn, n), E≈200-300 MeV; analyzed SHE production σ. ^{238}U, ^{237}Np, ^{242,244}Pu, ^{243}Am, ^{245,248}Cm, ^{249}Cf(^{22}Ne, 4n), (^{26}Mg, 4n), (^{34}S, 5n), (^{48}Ca, 3n), (^{48}Ca, 4n), E≈200-300 MeV; measured Eα, Iα, SHE production σ using Gas-Filled Recoil Separator; analyzed reaction mechanism features; deduced Q-values, $T_{1/2}$ of sequential decay products and compared to calculations. JOUR ZAANE 42 361

A=279

No references found

A=280

No references found

A=281

^{281}113 20090G07 NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(^{48}Ca, n), (^{50}Ti, n), (^{54}Cr, n), (^{58}Fe, n), (^{62}Ni, n), (^{64}Ni, n), (^{70}Zn, n), E≈200-300 MeV; analyzed SHE production σ. ^{238}U, ^{237}Np, ^{242,244}Pu, ^{243}Am, ^{245,248}Cm, ^{249}Cf(^{22}Ne, 4n), (^{26}Mg, 4n), (^{34}S, 5n), (^{48}Ca, 3n), (^{48}Ca, 4n), E≈200-300 MeV; measured Eα, Iα, SHE production σ using Gas-Filled Recoil Separator; analyzed reaction mechanism features; deduced Q-values, $T_{1/2}$ of sequential decay products and compared to calculations. JOUR ZAANE 42 361

A=282

^{282}112 20090G07 NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(^{48}Ca, n), (^{50}Ti, n), (^{54}Cr, n), (^{58}Fe, n), (^{62}Ni, n), (^{64}Ni, n), (^{70}Zn, n), E≈200-300 MeV; analyzed SHE production σ. ^{238}U, ^{237}Np, ^{242,244}Pu, ^{243}Am, ^{245,248}Cm, ^{249}Cf(^{22}Ne, 4n), (^{26}Mg, 4n), (^{34}S, 5n), (^{48}Ca, 3n), (^{48}Ca, 4n), E≈200-300 MeV; measured Eα, Iα, SHE production σ using Gas-Filled Recoil Separator; analyzed reaction mechanism features; deduced Q-values, $T_{1/2}$ of sequential decay products and compared to calculations. JOUR ZAANE 42 361

^{282}113 20090G07 NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(^{48}Ca, n), (^{50}Ti, n), (^{54}Cr, n), (^{58}Fe, n), (^{62}Ni, n), (^{64}Ni, n), (^{70}Zn, n), E≈200-300 MeV; analyzed SHE production σ. ^{238}U, ^{237}Np, ^{242,244}Pu, ^{243}Am, ^{245,248}Cm, ^{249}Cf(^{22}Ne, 4n), (^{26}Mg, 4n), (^{34}S, 5n), (^{48}Ca, 3n), (^{48}Ca, 4n), E≈200-300 MeV; measured Eα, Iα, SHE production σ using Gas-Filled Recoil Separator; analyzed reaction mechanism features; deduced Q-values, $T_{1/2}$ of sequential decay products and compared to calculations. JOUR ZAANE 42 361

A=283

^{283}112 20090G07 NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(^{48}Ca, n), (^{50}Ti, n), (^{54}Cr, n), (^{58}Fe, n), (^{62}Ni, n), (^{64}Ni, n), (^{70}Zn, n), E≈200-300 MeV; analyzed SHE production σ. ^{238}U, ^{237}Np, ^{242,244}Pu, ^{243}Am, ^{245,248}Cm, ^{249}Cf(^{22}Ne, 4n), (^{26}Mg, 4n), (^{34}S, 5n), (^{48}Ca, 3n), (^{48}Ca, 4n), E≈200-300 MeV; measured Eα, Iα, SHE production σ using Gas-Filled Recoil Separator; analyzed reaction mechanism features; deduced Q-values, $T_{1/2}$ of sequential decay products and compared to calculations. JOUR ZAANE 42 361

A=284

No references found

A=285

No references found

A=286

^{286}114	2009OG07	NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(^{48}Ca, n), (^{50}Ti, n), (^{54}Cr, n), (^{58}Fe, n), (^{62}Ni, n), (^{64}Ni, n), (^{70}Zn, n), E≈200-300 MeV; analyzed SHE production σ. ^{238}U, ^{237}Np, ^{242,244}Pu, ^{243}Am, ^{245,248}Cm, ^{249}Cf(^{22}Ne, 4n), (^{26}Mg, 4n), (^{34}S, 5n), (^{48}Ca, 3n), (^{48}Ca, 4n), E≈200-300 MeV; measured Eα, Iα, SHE production σ using Gas-Filled Recoil Separator; analyzed reaction mechanism features; deduced Q-values, $T_{1/2}$ of sequential decay products and compared to calculations. JOUR ZAANE 42 361

A=287

^{287}114	2009OG07	NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(^{48}Ca, n), (^{50}Ti, n), (^{54}Cr, n), (^{58}Fe, n), (^{62}Ni, n), (^{64}Ni, n), (^{70}Zn, n), E≈200-300 MeV; analyzed SHE production σ. ^{238}U, ^{237}Np, ^{242,244}Pu, ^{243}Am, ^{245,248}Cm, ^{249}Cf(^{22}Ne, 4n), (^{26}Mg, 4n), (^{34}S, 5n), (^{48}Ca, 3n), (^{48}Ca, 4n), E≈200-300 MeV; measured Eα, Iα, SHE production σ using Gas-Filled Recoil Separator; analyzed reaction mechanism features; deduced Q-values, $T_{1/2}$ of sequential decay products and compared to calculations. JOUR ZAANE 42 361
^{287}115	2009OG07	NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(^{48}Ca, n), (^{50}Ti, n), (^{54}Cr, n), (^{58}Fe, n), (^{62}Ni, n), (^{64}Ni, n), (^{70}Zn, n), E≈200-300 MeV; analyzed SHE production σ. ^{238}U, ^{237}Np, ^{242,244}Pu, ^{243}Am, ^{245,248}Cm, ^{249}Cf(^{22}Ne, 4n), (^{26}Mg, 4n), (^{34}S, 5n), (^{48}Ca, 3n), (^{48}Ca, 4n), E≈200-300 MeV; measured Eα, Iα, SHE production σ using Gas-Filled Recoil Separator; analyzed reaction mechanism features; deduced Q-values, $T_{1/2}$ of sequential decay products and compared to calculations. JOUR ZAANE 42 361

A=288

^{288}114	2009OG07	NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(^{48}Ca, n), (^{50}Ti, n), (^{54}Cr, n), (^{58}Fe, n), (^{62}Ni, n), (^{64}Ni, n), (^{70}Zn, n), E≈200-300 MeV; analyzed SHE production σ. ^{238}U, ^{237}Np, ^{242,244}Pu, ^{243}Am, ^{245,248}Cm, ^{249}Cf(^{22}Ne, 4n), (^{26}Mg, 4n), (^{34}S, 5n), (^{48}Ca, 3n), (^{48}Ca, 4n), E≈200-300 MeV; measured Eα, Iα, SHE production σ using Gas-Filled Recoil Separator; analyzed reaction mechanism features; deduced Q-values, $T_{1/2}$ of sequential decay products and compared to calculations. JOUR ZAANE 42 361

A=288 *(continued)*

^{288}115	2009OG07	NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(^{48}Ca, n), (^{50}Ti, n), (^{54}Cr, n), (^{58}Fe, n), (^{62}Ni, n), (^{64}Ni, n), (^{70}Zn, n), E≈200-300 MeV; analyzed SHE production σ. ^{238}U, ^{237}Np, ^{242,244}Pu, ^{243}Am, ^{245,248}Cm, ^{249}Cf(^{22}Ne, 4n), (^{26}Mg, 4n), (^{34}S, 5n), (^{48}Ca, 3n), (^{48}Ca, 4n), E≈200-300 MeV; measured Eα, Iα, SHE production σ using Gas-Filled Recoil Separator; analyzed reaction mechanism features; deduced Q-values, $T_{1/2}$ of sequential decay products and compared to calculations. JOUR ZAANE 42 361

A=289

^{289}114	2009OG07	NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(^{48}Ca, n), (^{50}Ti, n), (^{54}Cr, n), (^{58}Fe, n), (^{62}Ni, n), (^{64}Ni, n), (^{70}Zn, n), E≈200-300 MeV; analyzed SHE production σ. ^{238}U, ^{237}Np, ^{242,244}Pu, ^{243}Am, ^{245,248}Cm, ^{249}Cf(^{22}Ne, 4n), (^{26}Mg, 4n), (^{34}S, 5n), (^{48}Ca, 3n), (^{48}Ca, 4n), E≈200-300 MeV; measured Eα, Iα, SHE production σ using Gas-Filled Recoil Separator; analyzed reaction mechanism features; deduced Q-values, $T_{1/2}$ of sequential decay products and compared to calculations. JOUR ZAANE 42 361
^{289}116	2009OG07	NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(^{48}Ca, n), (^{50}Ti, n), (^{54}Cr, n), (^{58}Fe, n), (^{62}Ni, n), (^{64}Ni, n), (^{70}Zn, n), E≈200-300 MeV; analyzed SHE production σ. ^{238}U, ^{237}Np, ^{242,244}Pu, ^{243}Am, ^{245,248}Cm, ^{249}Cf(^{22}Ne, 4n), (^{26}Mg, 4n), (^{34}S, 5n), (^{48}Ca, 3n), (^{48}Ca, 4n), E≈200-300 MeV; measured Eα, Iα, SHE production σ using Gas-Filled Recoil Separator; analyzed reaction mechanism features; deduced Q-values, $T_{1/2}$ of sequential decay products and compared to calculations. JOUR ZAANE 42 361

A=290

^{290}116	2009OG07	NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(^{48}Ca, n), (^{50}Ti, n), (^{54}Cr, n), (^{58}Fe, n), (^{62}Ni, n), (^{64}Ni, n), (^{70}Zn, n), E≈200-300 MeV; analyzed SHE production σ. ^{238}U, ^{237}Np, ^{242,244}Pu, ^{243}Am, ^{245,248}Cm, ^{249}Cf(^{22}Ne, 4n), (^{26}Mg, 4n), (^{34}S, 5n), (^{48}Ca, 3n), (^{48}Ca, 4n), E≈200-300 MeV; measured Eα, Iα, SHE production σ using Gas-Filled Recoil Separator; analyzed reaction mechanism features; deduced Q-values, $T_{1/2}$ of sequential decay products and compared to calculations. JOUR ZAANE 42 361

A=291

No references found

A=292

^{292}116 20090G07 NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(^{48}Ca, n), (^{50}Ti, n), (^{54}Cr, n), (^{58}Fe, n), (^{62}Ni, n), (^{64}Ni, n), (^{70}Zn, n), E≈200-300 MeV; analyzed SHE production σ. ^{238}U, ^{237}Np, ^{242,244}Pu, ^{243}Am, ^{245,248}Cm, ^{249}Cf(^{22}Ne, 4n), (^{26}Mg, 4n), (^{34}S, 5n), (^{48}Ca, 3n), (^{48}Ca, 4n), E≈200-300 MeV; measured Eα, Iα, SHE production σ using Gas-Filled Recoil Separator; analyzed reaction mechanism features; deduced Q-values, $T_{1/2}$ of sequential decay products and compared to calculations. JOUR ZAANE 42 361

A=293

^{293}116 20090G07 NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(^{48}Ca, n), (^{50}Ti, n), (^{54}Cr, n), (^{58}Fe, n), (^{62}Ni, n), (^{64}Ni, n), (^{70}Zn, n), E≈200-300 MeV; analyzed SHE production σ. ^{238}U, ^{237}Np, ^{242,244}Pu, ^{243}Am, ^{245,248}Cm, ^{249}Cf(^{22}Ne, 4n), (^{26}Mg, 4n), (^{34}S, 5n), (^{48}Ca, 3n), (^{48}Ca, 4n), E≈200-300 MeV; measured Eα, Iα, SHE production σ using Gas-Filled Recoil Separator; analyzed reaction mechanism features; deduced Q-values, $T_{1/2}$ of sequential decay products and compared to calculations. JOUR ZAANE 42 361

^{293}118 20090G07 NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(^{48}Ca, n), (^{50}Ti, n), (^{54}Cr, n), (^{58}Fe, n), (^{62}Ni, n), (^{64}Ni, n), (^{70}Zn, n), E≈200-300 MeV; analyzed SHE production σ. ^{238}U, ^{237}Np, ^{242,244}Pu, ^{243}Am, ^{245,248}Cm, ^{249}Cf(^{22}Ne, 4n), (^{26}Mg, 4n), (^{34}S, 5n), (^{48}Ca, 3n), (^{48}Ca, 4n), E≈200-300 MeV; measured Eα, Iα, SHE production σ using Gas-Filled Recoil Separator; analyzed reaction mechanism features; deduced Q-values, $T_{1/2}$ of sequential decay products and compared to calculations. JOUR ZAANE 42 361

A=294

^{294}118 20090G07 NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(^{48}Ca, n), (^{50}Ti, n), (^{54}Cr, n), (^{58}Fe, n), (^{62}Ni, n), (^{64}Ni, n), (^{70}Zn, n), E≈200-300 MeV; analyzed SHE production σ. ^{238}U, ^{237}Np, ^{242,244}Pu, ^{243}Am, ^{245,248}Cm, ^{249}Cf(^{22}Ne, 4n), (^{26}Mg, 4n), (^{34}S, 5n), (^{48}Ca, 3n), (^{48}Ca, 4n), E≈200-300 MeV; measured Eα, Iα, SHE production σ using Gas-Filled Recoil Separator; analyzed reaction mechanism features; deduced Q-values, $T_{1/2}$ of sequential decay products and compared to calculations. JOUR ZAANE 42 361

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