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Recent References:
July 1, 2006 to September 30, 2006

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This document lists experimental references added to Nuclear Science References (NSR) during the period July 1, 2006 to September 30, 2006. 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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Keynumbers and Keywords

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^{1}n	2006BA52	RADIOACTIVITY ^{1}n(β^-); measured electron polarization following decay of polarized cold neutrons. JOUR NIMAE 565 711
	2006BR17	NUCLEAR REACTIONS ^{1}H(π^-, π^0), E=39-247 MeV; measured total charge exchange σ. Transmission technique. Comparison with other results and model calculations. JOUR PYLBB 639 424
	2006HU09	NUCLEAR REACTIONS ^{1,2}H(polarized e, e'p), E=1.669 GeV; measured recoil proton polarization vs momentum transfer, missing momentum; deduced form factor ratios. Comparison with model predictions. JOUR PRVCA 73 064004
	2006KIZY	NUCLEAR REACTIONS ^{1}H(d, 2p), E=130 MeV; measured σ(E, θ), relative energy spectra; deduced Coulomb contribution. PREPRINT nucl-ex/0607002,7/3/2006
	2006LA15	NUCLEAR REACTIONS ^{1}H(γ, X), (polarized γ, X), E=700-850 MeV; measured η-meson production $\sigma(\theta)$, polarization observables. ^{1}H(γ, $\pi^+\pi^-$), (γ, $\pi^+\pi^0$), (polarized γ, $\pi^+\pi^-$), (polarized γ, $\pi^+\pi^0$), E=300-800 MeV; measured polarized and unpolarized σ. JOUR APSVC 56 357
	2006LE23	NUCLEAR REACTIONS ^{1}H(polarized d, 2p), E=19 MeV; measured σ(E, θ), tensor analyzing powers A_{yy} for four geometries. Comparisons with Faddeev calculations using phenomenological NN potentials with and without three-body forces, effect of Delta and Coulomb interaction, chiral forces. JOUR PRVCA 73 064001
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^{1}H	2006BA45	NUCLEAR REACTIONS ^{1}H(p, p$\pi^+\pi^-$), (p, p2π^0), E=0.775-1.45 GeV; ^{2}H(p, 2π^0), E=0.775-1.45 GeV; measured invariant mass spectra; deduced low-mass enhancement, other reaction mechanism features. JOUR APSVC 56 285
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	2006BE38	NUCLEAR MOMENTS ^{1,2}H, ^{12}C, ^{14}N; measured molecular hyperfine structure; deduced nuclear quadrupole coupling constants. JOUR ASJOA 649 L53
	2006CA26	NUCLEAR REACTIONS ^{1}H(^{40}Si, ^{40}Si'), (^{42}P, ^{40}SiX), E $\approx$ 80 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin. ^{40}Si deduced excited states energies. Comparison with model predictions. JOUR PRLTA 97 112501
	2006CAZY	NUCLEAR REACTIONS ^{1}H(^{40}Si, ^{40}Si'), (^{42}P, ^{40}SiX), E $\approx$ 80 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin. ^{40}Si deduced excited states energies. Comparison with model predictions. PREPRINT nucl-ex/0608029,8/15/2006
	2006CH37	NUCLEAR REACTIONS ^{1}H(e, e'γ), E=5.7 GeV; measured particle spectra, longitudinal target-spin asymmetry, azimuthal dependence. Polarized target. JOUR PRLTA 97 072002

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2006CRZZ NUCLEAR REACTIONS ^{1}H(polarized e, e'), E not given; measured polarization observables. ^{1}H deduced electric to magnetic form factor ratio. Polarized target. PREPRINT nucl-ex/0609007,09/7/2006

2006ELZY NUCLEAR REACTIONS ^{2}H(^{22}O, ^{23}O), E not given; measured excitation energy spectra. REPT RIKEN 2005 Annual,P53,Elekes

2006FIZY NUCLEAR REACTIONS ^{1}H(^{3}He, ^{3}He), (^{3}He, p), E=3-12 MeV; measured particle spectra, $\sigma(\theta)$. ^{3}He(polarized p, p), E=1.6-4 MeV; measured Ay(θ). Comparison with model predictions. PREPRINT nucl-ex/0608024,8/15/2006

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2006KU15 NUCLEAR REACTIONS ^{1}H(γ, K^{+}K^{-}), E=1.8-3.8 GeV; measured kaon and proton invariant mass spectra; deduced pentaquark production σ upper limit. JOUR PRLTA 97 102001

2006KU17 NUCLEAR REACTIONS ^{4}He(^{14}O, p), E(cm) $\approx$ 1-3.5 MeV; measured Ep. ^{18}Ne deduced resonance energies. ^{1}H(^{23}Mg, ^{23}Mg), E(cm) $\approx$ 0.8-3.3 MeV; measured σ(E, θ). ^{24}Al deduced possible resonance energies. JOUR ZAANE 27 s01 327

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2006PA28 NUCLEAR REACTIONS ^{1}H(p, p3π^{0}), E=1360, 1450 MeV; measured missing mass spectra, σ; deduced η-meson production σ, quadratic slope parameter. JOUR APSVC 56 381

2006RE10 NUCLEAR REACTIONS ^{2}H(γ, n), E=14-18 MeV; measured $\sigma(\theta)$. JOUR NIMAE 565 753

2006SAZV NUCLEAR REACTIONS ^{1}H(^{19}C, n^{18}C), E=70 MeV / nucleon; measured invariant mass spectrum. ^{19}C deduced excited state energy. REPT RIKEN 2005 Annual,P51,Satou

2006SAZX NUCLEAR REACTIONS ^{1}H(^{6}He, ^{6}He), E=71 MeV / nucleon; ^{1}H(α, α), E=80 MeV / nucleon; measured Ay(θ). Polarized target. REPT RIKEN 2005 Annual,P38,Sakaguchi

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	2006SHZX	NUCLEAR REACTIONS ^{1}H(^{17}B, ^{17}B'), E=60 MeV / nucleon; measured Eγ, Iγ, $\sigma(\theta)$. ^{17}B deduced excited state energy, J, π. REPT RIKEN 2005 Annual,P49,Shinohara
	2006TAZY	NUCLEAR REACTIONS ^{1}H(^{60}Cr, ^{60}Cr'), (^{62}Cr, ^{62}Cr'), E not given; measured Eγ, Iγ. ^{60,62}Cr deduced transitions. REPT RIKEN 2005 Annual,P71,Takeshita
	2006TAZZ	NUCLEAR REACTIONS ^{1}H(^{32}Mg, ^{32}Mg'), E=56 MeV / nucleon; ^{1}H(^{34}Si, ^{34}Si'), E=65 MeV / nucleon; measured Eγ, Iγ. REPT RIKEN 2005 Annual,P63,Takeuchi

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^{2}n	2006AM05	NUCLEAR REACTIONS ^{1}H(p-bar, $K^+K^-\pi^0$), E at 900, 1640 MeV / c; measured $K^+K^-\pi^0$ production associated invariant mass spectra; deduced resonance masses, widths, yields. Partial wave analysis. JOUR PYLBB 639 165
	2006VO05	NUCLEAR REACTIONS ^{2}H(n, p), E=17.4 MeV; measured Ep; deduced neutron-neutron final-state interaction, scattering length. JOUR PRVCA 74 014001
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	2006DZ01	NUCLEAR REACTIONS ^{1}H(p, K^+K^0), E=2.65, 2.83 GeV; measured invariant mass and angular distributions; deduced total σ. JOUR ZAANE 29 245
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	2006TU08	NUCLEAR REACTIONS ^{7}Li(^{3}He, 2α), E=33 MeV; measured Eα, $\alpha\alpha$-coin; deduced quasi-free contribution. ^{7}Li(p, α), E(cm) $\approx$ 0-7 MeV; deduced σ. JOUR ZAANE 27 s01 243

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^{3}H	2006HU13	NUCLEAR REACTIONS ^{2}H(d, p), (d, n), E $\approx$ 7-55 keV; measured $\sigma(\theta)$, branching ratios for targets embedded in Ta, Sr, Li. JOUR ZAANE 27 s01 187
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	2006RA19	NUCLEAR REACTIONS ^{2}H(d, p), E ≈ 4-23 keV; measured S-factors, electron screening effects for reactions in deuterated metals, temperature dependence. JOUR ZAANE 27 s01 79
	2006RO27	NUCLEAR REACTIONS ^{2}H(p, π^{+}), (p, π^{0}), E at 1.56, 1.57, 1.571, 1.59, 1.7 GeV / c; measured particle spectra. ^{6}Li(p, X)^{7}Be, E=662.5 MeV; measured η-meson production associated particle spectra; deduced approximate σ. JOUR PRAMC 66 893
	2006RO28	NUCLEAR REACTIONS ^{239}Pu(n, F), E < 100 keV; measured fission σ. ^{6}Li(n, α), E < 10 keV; measured σ. Lead slowing-down spectrometer. JOUR NIMAE 564 400
^{3}He	2006BA45	NUCLEAR REACTIONS ^{1}H(p, p$\pi^{+}\pi^{-}$), (p, p2π^{0}), E=0.775-1.45 GeV; ^{2}H(p, 2π^{0}), E=0.775-1.45 GeV; measured invariant mass spectra; deduced low-mass enhancement, other reaction mechanism features. JOUR APSVC 56 285
	2006BEZW	NUCLEAR REACTIONS ^{2}H(p, $K^{+}K^{-}$), E at 2570-2620 GeV / c; measured kaon pair spectra, σ(E, θ); deduced ϕ-meson contribution. PREPRINT nucl-ex/0608047,8/28/2006
	2006FIZY	NUCLEAR REACTIONS ^{1}H(^{3}He, ^{3}He), (^{3}He, p), E=3-12 MeV; measured particle spectra, $\sigma(\theta)$. ^{3}He(polarized p, p), E=1.6-4 MeV; measured Ay(θ). Comparison with model predictions. PREPRINT nucl-ex/0608024,8/15/2006
	2006HA30	NUCLEAR REACTIONS ^{2}H(d, n), E=2.45 MeV; measured neutron spectra. Large-area neutron spectrometer. JOUR NIMAE 564 486
	2006HU13	NUCLEAR REACTIONS ^{2}H(d, p), (d, n), E ≈ 7-55 keV; measured $\sigma(\theta)$, branching ratios for targets embedded in Ta, Sr, Li. JOUR ZAANE 27 s01 187
	2006JA15	NUCLEAR REACTIONS ^{2}H(p, X)^{3}He, E=892.5 MeV; measured η-meson production associated invariant mass spectra; deduced η decay features. JOUR APSVC 56 367
	2006LA17	NUCLEAR REACTIONS ^{2}H(polarized d, n), (polarized d, p), E=140, 200, 270 MeV; measured tensor analyzing powers. JOUR PANUE 69 1271
	2006MCZY	NUCLEAR REACTIONS ^{4}He(^{16}O, α), E=15 MeV; measured recoil Eα. ^{3}He(p, p), E=1.0, 2.5 MeV; measured backscattered Ep. Helium targets implanted in aluminum. PREPRINT nucl-ex/0608027,8/16/2006
	2006RO27	NUCLEAR REACTIONS ^{2}H(p, π^{+}), (p, π^{0}), E at 1.56, 1.57, 1.571, 1.59, 1.7 GeV / c; measured particle spectra. ^{6}Li(p, X)^{7}Be, E=662.5 MeV; measured η-meson production associated particle spectra; deduced approximate σ. JOUR PRAMC 66 893

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2006SC19 NUCLEAR REACTIONS ^{2}H(p, X)^{3}He, E=1360, 1450 MeV; measured missing mass spectra; deduced possible ω production. JOUR APSVC 56 299

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^{4}He

2006AG11 NUCLEAR REACTIONS ^{2}H, C(^{7}Li, X)^{4}He / ^{7}Li / ^{8}Li / ^{7}Be / ^{8}B / ^{11}B, E=23 MeV; measured yields. ^{4}He(^{8}Li, n), E(cm) ≈ 1.25 MeV; measured σ. JOUR NIMAE 565 406

2006BAZU NUCLEAR REACTIONS ^{4}He(^{14}O, ^{14}O'), E=60 MeV / nucleon; measured particle spectra following excited nucleus decay. ^{14}O deduced electric monopole and dipole strength distributions. REPT RIKEN 2005 Annual,P47,Baba

2006CHZX NUCLEAR REACTIONS ^{2}H(^{11}B, nα), E=27 MeV; measured Eα, $\alpha\alpha$-coin. ^{6}Li(^{3}He, pα), E=5-6 MeV; measured Ep, Eα. ^{2}H(^{15}N, nα), E=60 MeV; measured Eα, (carbon)α-coin. ^{11}B(p, α), E(cm) ≈ 0-1 MeV; ^{3}He(d, p), E(cm) ≈ 1-700 keV; ^{15}N(p, α), E(cm) ≈ 1-700 keV; deduced astrophysical S-factors. CONF Tokyo(OMEG05),P263,Cherubini

2006FUZY NUCLEAR REACTIONS ^{4}He(^{32}Mg, ^{32}Mg'), E=42 MeV / nucleon; measured Eγ, Iγ. ^{32}Mg deduced transition. REPT RIKEN 2005 Annual,P62,Fukui

2006MI16 NUCLEAR REACTIONS ^{4}He(^{22}O, ^{23}Fγ), (^{23}F, ^{23}Fγ), (^{24}F, ^{23}Fγ), (^{25}Ne, ^{23}Fγ), E ≈3 5 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin; deduced reaction σ. ^{4}He(^{22}O, ^{23}Fγ), E=35 MeV / nucleon; measured $\sigma(\theta)$. ^{23}F deduced levels, J, π, configurations. Comparison with DWBA and shell model predictions. JOUR PYLBB 638 146

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2006TU08 NUCLEAR REACTIONS ^{7}Li(^{3}He, 2α), E=33 MeV; measured Eα, $\alpha\alpha$-coin; deduced quasi-free contribution. ^{7}Li(p, α), E(cm) ≈ 0-7 MeV; deduced σ. JOUR ZAANE 27 s01 243

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2006YAZW NUCLEAR REACTIONS ^{6}Li(d, p), (d, α), E=90 keV; measured $\sigma(\theta)$, yield ratios; deduced negligible p-wave admixture. REPT RIKEN 2005 Annual,P40,Yamaguchi

2006YAZX NUCLEAR REACTIONS ^{6}Li(polarized d, p), (polarized d, α), E=90 keV; measured vector and tensor analyzing powers. Comparison with model predictions. CONF Tokyo(OMEG05),P494,Yamaguchi

2006YAZZ NUCLEAR REACTIONS ^{6}Li(polarized d, α), (polarized d, p), E=90 keV; measured vector and tensor analyzing powers. REPT RIKEN-AF-NP-471,Yamaguchi

2006ZH27 NUCLEAR REACTIONS ^{6}Li(n, t), E=1.05-4.42 MeV; measured $\sigma(\theta)$; deduced angle-integrated σ. Comparison with previous results. JOUR NIMAE 566 615

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^{5}He	2006MI16	NUCLEAR REACTIONS ^{4}He(^{22}O, ^{23}Fγ), (^{23}F, ^{23}Fγ), (^{24}F, ^{23}Fγ), (^{25}Ne, ^{23}Fγ), E ≈3 5 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin; deduced reaction σ. ^{4}He(^{22}O, ^{23}Fγ), E=35 MeV / nucleon; measured $\sigma(\theta)$. ^{23}F deduced levels, J, π, configurations. Comparison with DWBA and shell model predictions. JOUR PYLBB 638 146

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^{6}He	2006HAZW	NUCLEAR REACTIONS ^{1}H(^{6}He, 2nα), E=70 MeV / nucleon; measured relative energy spectrum; deduced total inelastic σ. ^{6}He deduced resonance energy. REPT RIKEN 2005 Annual,P39,Hashimoto
^{6}Li	2006MI16	NUCLEAR REACTIONS ^{4}He(^{22}O, ^{23}Fγ), (^{23}F, ^{23}Fγ), (^{24}F, ^{23}Fγ), (^{25}Ne, ^{23}Fγ), E ≈3 5 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin; deduced reaction σ. ^{4}He(^{22}O, ^{23}Fγ), E=35 MeV / nucleon; measured $\sigma(\theta)$. ^{23}F deduced levels, J, π, configurations. Comparison with DWBA and shell model predictions. JOUR PYLBB 638 146
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	2006RO33	NUCLEAR REACTIONS ^{2}H(^{9}Be, nα), E=22 MeV; measured particle spectra, $\sigma(\theta)$. ^{9}Be(p, α), E(cm) ≈ 0-1 MeV; deduced excitation function. Comparison with direct data. JOUR ZAANE 27 s01 221
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^{7}He	2006NO11	NUCLEAR REACTIONS ^{11}B, ^{15}N, ^{19}F(^{7}Li, ^{7}Be), E ≈ 8 MeV / nucleon; measured excitation energy spectra. ^{7}He, ^{11}Be, ^{15}C, ^{19}O deduced excited states features. JOUR ZAANE 27 s01 283
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	2006CA20	NUCLEAR REACTIONS ^{19}F(p, p'), (p, α), ^{7}Li(p, p'), (p, n), E=3.0-5.7 MeV; measured Eγ, γ-ray yields, $\sigma(\theta$=135°). JOUR NIMBE 249 98
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	2006WA21	RADIOACTIVITY ^{7}Be(EC) [^{7}Li(p, n)]; measured $T_{1/2}$ for source implanted in Pd, In metals and Li_2O insulator; deduced longer $T_{1/2}$ due to environmental effects in the metals, no change in the insulator. JOUR ZAANE 28 375
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	2006YAZW	NUCLEAR REACTIONS ^{6}Li(d, p), (d, α), E=90 keV; measured $\sigma(\theta)$, yield ratios; deduced negligible p-wave admixture. REPT RIKEN 2005 Annual,P40,Yamaguchi
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	2006YAZZ	NUCLEAR REACTIONS ^{6}Li(polarized d, α), (polarized d, p), E=90 keV; measured vector and tensor analyzing powers. REPT RIKEN-AF-NP-471,Yamaguchi
^{7}Be	2006AG11	NUCLEAR REACTIONS ^{2}H, C(^{7}Li, X)^{4}He / ^{7}Li / ^{8}Li / ^{7}Be / ^{8}B / ^{11}B, E=23 MeV; measured yields. ^{4}He(^{8}Li, n), E(cm) $\approx$ 1.25 MeV; measured σ. JOUR NIMAE 565 406
	2006AMZY	NUCLEAR REACTIONS ^{1}H(^{7}Be, p), E=7.69 MeV / nucleon; measured Ep, Eγ, pγ-coin. Thick target. CONF Tokyo(OMEG05),P362,Amadio
	2006BE41	NUCLEAR REACTIONS ^{3}He(α, γ), E=300, 350, 400 keV; measured σ; deduced astrophysical S-factors. Activation technique. JOUR PRLTA 97 122502
	2006BEZV	NUCLEAR REACTIONS ^{3}He(α, γ), E=300, 350, 400 keV; measured σ; deduced astrophysical S-factors. Activation technique. PREPRINT nucl-ex/0609013,9/11/2006
	2006CA20	NUCLEAR REACTIONS ^{19}F(p, p'), (p, α), ^{7}Li(p, p'), (p, n), E=3.0-5.7 MeV; measured Eγ, γ-ray yields, $\sigma(\theta$=135°). JOUR NIMBE 249 98
	2006LI46	RADIOACTIVITY ^{7}Be(EC); measured $T_{1/2}$ for source embedded in several materials; deduced no environmental effect. JOUR ZAANE 27 s01 193

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	2006RO27	NUCLEAR REACTIONS ^{2}H(p, π^{+}), (p, π^{0}), E at 1.56, 1.57, 1.571, 1.59, 1.7 GeV / c; measured particle spectra. ^{6}Li(p, X)^{7}Be, E=662.5 MeV; measured η-meson production associated particle spectra; deduced approximate σ. JOUR PRAMC 66 893
	2006WA18	NUCLEAR REACTIONS Si(^{6}Li, X), (^{7}Be, X), (^{10}B, X), (^{9}C, X), (^{10}C, X), (^{11}C, X), (^{12}N, X), (^{13}O, X), (^{15}O, X), (^{17}Ne, X), E=15-53 MeV / nucleon; measured reaction and proton-removal σ. ^{6}Li, ^{7}Be, ^{10}B, ^{9,10,11}C, ^{12}N, ^{13,15}O, ^{17}Ne deduced radii. Comparison with Glauber model predictions. JOUR PRVCA 74 014605
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	2006YAZY	NUCLEAR REACTIONS ^{1}H(^{7}Be, p), E(cm) < 6.7 MeV; measured Ep. CONF Tokyo(OMEG05),P275,Yamaguchi

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^{8}Li	2006AG11	NUCLEAR REACTIONS ^{2}H, C(^{7}Li, X)^{4}He / ^{7}Li / ^{8}Li / ^{7}Be / ^{8}B / ^{11}B, E=23 MeV; measured yields. ^{4}He(^{8}Li, n), E(cm) ≈ 1.25 MeV; measured σ. JOUR NIMAE 565 406
	2006MI19	NUCLEAR REACTIONS ^{6,7}Li, ^{12}C(^{6}He, ^{6}He), E=18 MeV; measured elastic $\sigma(\theta)$. ^{6,7}Li(^{6}He, α), E=18 MeV; measured σ(E, θ), excitation energy spectra. Sequential decay and quasi-free reactions also discussed. JOUR PANUE 69 1360
^{8}Be	2006CHZX	NUCLEAR REACTIONS ^{2}H(^{11}B, nα), E=27 MeV; measured Eα, $\alpha\alpha$-coin. ^{6}Li(^{3}He, pα), E=5-6 MeV; measured Ep, Eα. ^{2}H(^{15}N, nα), E=60 MeV; measured Eα, (carbon)α-coin. ^{11}B(p, α), E(cm) ≈ 0-1 MeV; ^{3}He(d, p), E(cm) ≈ 1-700 keV; ^{15}N(p, α), E(cm) ≈ 1-700 keV; deduced astrophysical S-factors. CONF Tokyo(OMEG05),P263,Cherubini
	2006SU13	RADIOACTIVITY ^{8}B(β^{+}), (EC) [from ^{6}Li(^{3}He, n)]; measured β-NQR spectrum from oriented source. ^{8}B deduced electric quadrupole moment. JOUR PRVCA 74 024327
^{8}B	2006AG11	NUCLEAR REACTIONS ^{2}H, C(^{7}Li, X)^{4}He / ^{7}Li / ^{8}Li / ^{7}Be / ^{8}B / ^{11}B, E=23 MeV; measured yields. ^{4}He(^{8}Li, n), E(cm) ≈ 1.25 MeV; measured σ. JOUR NIMAE 565 406
	2006SU13	RADIOACTIVITY ^{8}B(β^{+}), (EC) [from ^{6}Li(^{3}He, n)]; measured β-NQR spectrum from oriented source. ^{8}B deduced electric quadrupole moment. JOUR PRVCA 74 024327
	2006SU13	NUCLEAR MOMENTS ^{8}B; measured β-NQR spectrum from oriented source; deduced electric quadrupole moment. JOUR PRVCA 74 024327
	2006SU14	NUCLEAR REACTIONS Pb(^{8}B, p^{7}Be), E=254 MeV / nucleon; measured particle spectra, angular distributions. ^{7}Be(p, γ), E=low; deduced astrophysical S-factor. JOUR ZAANE 27 s01 227

A=9

^{9}He	2006GOZY	NUCLEAR REACTIONS ^{2}H(^{8}He, p), E=25 MeV / nucleon; measured particle spectra. ^{9}He deduced excited states energies, widths. PREPRINT nucl-ex/0608035,8/17/2006
^{9}Li	2006IOZZ	NUCLEAR REACTIONS ^{9}Be, ^{12}C, ^{16}O(e, e'K^{+}X), E=3.77 GeV; measured hypernucleus production associated particle spectra. ^{9}Li, ^{12}B, ^{16}N deduced hypernucleus bound state energies. CONF Bormio (XLIV Winter Meeting) Proc,P163
	2006MI19	NUCLEAR REACTIONS ^{6,7}Li, ^{12}C(^{6}He, ^{6}He), E=18 MeV; measured elastic $\sigma(\theta)$. ^{6,7}Li(^{6}He, α), E=18 MeV; measured σ(E, θ), excitation energy spectra. Sequential decay and quasi-free reactions also discussed. JOUR PANUE 69 1360
^{9}Be	2006FR11	NUCLEAR MOMENTS ^{9,10}Be; measured hfs in muonic atoms and ions. JOUR PLRAA 74 022508
^{9}C	2006WA18	NUCLEAR REACTIONS Si(^{6}Li, X), (^{7}Be, X), (^{10}B, X), (^{9}C, X), (^{10}C, X), (^{11}C, X), (^{12}N, X), (^{13}O, X), (^{15}O, X), (^{17}Ne, X), E=15-53 MeV / nucleon; measured reaction and proton-removal σ. ^{6}Li, ^{7}Be, ^{10}B, ^{9,10,11}C, ^{12}N, ^{13,15}O, ^{17}Ne deduced radii. Comparison with Glauber model predictions. JOUR PRVCA 74 014605

A=10

^{10}Be	2006FR11	NUCLEAR MOMENTS ^{9,10}Be; measured hfs in muonic atoms and ions. JOUR PLRAA 74 022508
	2006NAZY	NUCLEAR MOMENTS ^{10}Be; measured isotope shifts. Laser spectroscopy, on-line ion trap. REPT RIKEN 2005 Annual,P41,Nakamura
^{10}B	2006WA18	NUCLEAR REACTIONS Si(^{6}Li, X), (^{7}Be, X), (^{10}B, X), (^{9}C, X), (^{10}C, X), (^{11}C, X), (^{12}N, X), (^{13}O, X), (^{15}O, X), (^{17}Ne, X), E=15-53 MeV / nucleon; measured reaction and proton-removal σ. ^{6}Li, ^{7}Be, ^{10}B, ^{9,10,11}C, ^{12}N, ^{13,15}O, ^{17}Ne deduced radii. Comparison with Glauber model predictions. JOUR PRVCA 74 014605
^{10}C	2006WA18	NUCLEAR REACTIONS Si(^{6}Li, X), (^{7}Be, X), (^{10}B, X), (^{9}C, X), (^{10}C, X), (^{11}C, X), (^{12}N, X), (^{13}O, X), (^{15}O, X), (^{17}Ne, X), E=15-53 MeV / nucleon; measured reaction and proton-removal σ. ^{6}Li, ^{7}Be, ^{10}B, ^{9,10,11}C, ^{12}N, ^{13,15}O, ^{17}Ne deduced radii. Comparison with Glauber model predictions. JOUR PRVCA 74 014605

A=11

^{11}Li	2006NA21	NUCLEAR REACTIONS Pb(^{11}Li, 2n^{9}Li), E=70 MeV / nucleon; measured relative energy spectra. ^{11}Li deduced B(E1) distribution. JOUR PRLTA 96 252502
^{11}Be	2006NO11	NUCLEAR REACTIONS ^{11}B, ^{15}N, ^{19}F(^{7}Li, ^{7}Be), E $\approx$ 8 MeV / nucleon; measured excitation energy spectra. ^{7}He, ^{11}Be, ^{15}C, ^{19}O deduced excited states features. JOUR ZAANE 27 s01 283

A=11 *(continued)*

^{11}B	2006AG11	NUCLEAR REACTIONS ^{2}H, C(^{7}Li, X)^{4}He / ^{7}Li / ^{8}Li / ^{7}Be / ^{8}B / ^{11}B, E=23 MeV; measured yields. ^{4}He(^{8}Li, n), E(cm) ≈ 1.25 MeV; measured σ. JOUR NIMAE 565 406
	2006DAZY	NUCLEAR REACTIONS ^{4}He(^{8}Li, n), E(cm)=0.45-1.75 MeV; measured σ. Comparison with previous results. CONF Tokyo(OMEG05),P374,Das
	2006IS04	NUCLEAR REACTIONS ^{4}He(^{8}Li, n), E(cm)=0.7-2.6 MeV; measured σ(E), particle spectra. Comparison with other results. JOUR PYLBB 640 82
	2006ISZZ	NUCLEAR REACTIONS ^{4}He(^{8}Li, n), E(cm)=0.4-2.6 MeV; ^{4}He(^{12}B, n), E(cm)=1.1-3.7 MeV; measured excitation functions; deduced resonance features. CONF Tokyo(OMEG05),P249,Ishiyama
	2006NIZX	NUCLEAR REACTIONS ^{4}He(^{8}Li, n), E(cm) ≈ 0.5 MeV; measured particle spectra. REPT RIKEN 2005 Annual,P43,Nishimura
^{11}C	2006PE21	NUCLEAR REACTIONS ^{1}H(^{11}C, p), E(cm)=2.2-11.0 MeV; measured recoil proton spectra, $\sigma(\theta)$, excitation functions. ^{12}N deduced levels, J, π, widths. R-matrix analysis. JOUR PRVCA 74 024306
	2006TR08	NUCLEAR REACTIONS ^{14}N(p, α), (p, n), E=13 MeV; measured yields. Application to radioactive beam production discussed. JOUR CJPHA 84 325
	2006WA18	NUCLEAR REACTIONS Si(^{6}Li, X), (^{7}Be, X), (^{10}B, X), (^{9}C, X), (^{10}C, X), (^{11}C, X), (^{12}N, X), (^{13}O, X), (^{15}O, X), (^{17}Ne, X), E=15-53 MeV / nucleon; measured reaction and proton-removal σ. ^{6}Li, ^{7}Be, ^{10}B, ^{9,10,11}C, ^{12}N, ^{13,15}O, ^{17}Ne deduced radii. Comparison with Glauber model predictions. JOUR PRVCA 74 014605

A=12

^{12}Be	2006SAZW	NUCLEAR REACTIONS ^{4}He(^{12}Be, ^{12}Be'), (^{12}Be, 2^{6}He), E=60 MeV / nucleon; measured σ(E, θ). ^{12}Be deduced cluster states. REPT RIKEN 2005 Annual,P42,Saito
^{12}B	2006IOZZ	NUCLEAR REACTIONS ^{9}Be, ^{12}C, ^{16}O(e, e'K^{+}X), E=3.77 GeV; measured hypernucleus production associated particle spectra. ^{9}Li, ^{12}B, ^{16}N deduced hypernucleus bound state energies. CONF Bormio (XLIV Winter Meeting) Proc,P163
	2006SA28	NUCLEAR REACTIONS ^{12}C(^{7}Li, ^{7}Be), E=82 MeV; measured $\sigma(\theta)$, energy spectra; deduced one- and two-step reaction mechanisms. DWBA and coupled reaction channels analysis. JOUR NUPAB 773 187
^{12}C	2006BE38	NUCLEAR MOMENTS ^{1,2}H, ^{12}C, ^{14}N; measured molecular hyperfine structure; deduced nuclear quadrupole coupling constants. JOUR ASJOA 649 L53
	2006CHZX	NUCLEAR REACTIONS ^{2}H(^{11}B, nα), E=27 MeV; measured Eα, $\alpha\alpha$-coin. ^{6}Li(^{3}He, pα), E=5-6 MeV; measured Ep, Eα. ^{2}H(^{15}N, nα), E=60 MeV; measured Eα, (carbon)α-coin. ^{11}B(p, α), E(cm) ≈ 0-1 MeV; ^{3}He(d, p), E(cm) ≈ 1-700 keV; ^{15}N(p, α), E(cm) ≈ 1-700 keV; deduced astrophysical S-factors. CONF Tokyo(OMEG05),P263,Cherubini

A=12 *(continued)*

	2006LA18	NUCLEAR REACTIONS ^{2}H(^{15}N, nα), E=60 MeV; measured particle spectra, correlations; deduced quasi-free contribution. ^{15}N(p, α), E(cm) $\approx$ 0-600 keV; deduced astrophysical S-factor. JOUR ZAANE 27 s01 249
	2006LE31	NUCLEAR REACTIONS ^{12}C(^{66}Zn, 2α), (^{66}Zn, ^{66}Zn'), E=180 MeV; measured Eγ, Iγ(θ, H, t), $\alpha\gamma$-coin, DSA. ^{70}Ge deduced levels, J, π, $T_{1/2}$, B(E2), g factor. Comparison with previous results, model predictions. JOUR PRVCA 74 024315
	2006MI19	NUCLEAR REACTIONS ^{6,7}Li, ^{12}C(^{6}He, ^{6}He), E=18 MeV; measured elastic $\sigma(\theta)$. ^{6,7}Li(^{6}He, α), E=18 MeV; measured σ(E, θ), excitation energy spectra. Sequential decay and quasi-free reactions also discussed. JOUR PANUE 69 1360
	2006MO24	NUCLEAR REACTIONS ^{6,7}Li(polarized ^{7}Li, ^{7}Li), E=42 MeV; ^{12}C(polarized ^{7}Li, ^{7}Li), E=34 MeV; measured $\sigma(\theta)$, analyzing powers; deduced optical model parameters. Optical model and coupled reactions channels model analysis. JOUR PYLBB 640 13
	2006MOZY	NUCLEAR REACTIONS ^{6,7}Li(polarized ^{7}Li, ^{7}Li), E=42 MeV; measured $\sigma(\theta)$, analyzing powers; ^{12}C(polarized ^{7}Li, ^{7}Li), E=34 MeV; analyzed $\sigma(\theta)$, analyzing powers; deduced target structure independence at low momentum transfer. Coupled channels calculations. PREPRINT nucl-ex/0608018,8/8/2006
	2006PA27	NUCLEAR REACTIONS ^{11}B(d, n), E=120-160 keV; measured En, yields, angular distributions; deduced astrophysical S-factors. JOUR PRVCA 74 015804
^{12}N	2006PE21	NUCLEAR REACTIONS ^{1}H(^{11}C, p), E(cm)=2.2-11.0 MeV; measured recoil proton spectra, $\sigma(\theta)$, excitation functions. ^{12}N deduced levels, J, π, widths. R-matrix analysis. JOUR PRVCA 74 024306
	2006WA18	NUCLEAR REACTIONS Si(^{6}Li, X), (^{7}Be, X), (^{10}B, X), (^{9}C, X), (^{10}C, X), (^{11}C, X), (^{12}N, X), (^{13}O, X), (^{15}O, X), (^{17}Ne, X), E=15-53 MeV / nucleon; measured reaction and proton-removal σ. ^{6}Li, ^{7}Be, ^{10}B, ^{9,10,11}C, ^{12}N, ^{13,15}O, ^{17}Ne deduced radii. Comparison with Glauber model predictions. JOUR PRVCA 74 014605

A=13

^{13}C	2006KO23	NUCLEAR REACTIONS ^{12}C(d, p), E=900-2000 keV; measured $\sigma(\theta)$. Comparison with previous results. JOUR NIMBE 249 77
^{13}O	2006WA18	NUCLEAR REACTIONS Si(^{6}Li, X), (^{7}Be, X), (^{10}B, X), (^{9}C, X), (^{10}C, X), (^{11}C, X), (^{12}N, X), (^{13}O, X), (^{15}O, X), (^{17}Ne, X), E=15-53 MeV / nucleon; measured reaction and proton-removal σ. ^{6}Li, ^{7}Be, ^{10}B, ^{9,10,11}C, ^{12}N, ^{13,15}O, ^{17}Ne deduced radii. Comparison with Glauber model predictions. JOUR PRVCA 74 014605

A=14

^{14}Be	2006SUZY	NUCLEAR REACTIONS C(^{14}Be, 2n^{12}Be), E not given; measured decay-energy spectrum, $\sigma(\theta)$. ^{14}Be deduced excited state energy. REPT RIKEN 2005 Annual,P46,Sugimoto
^{14}C	2006NE06	NUCLEAR REACTIONS ^{14}N(d, 2p), E=175 MeV; ^{14}N(^{3}He, t), E=420 MeV; measured excitation energy spectra, σ(E, θ); deduced Gamow-Teller strength distributions. Comparison with no-core shell model predictions. JOUR PRLTA 97 062502
^{14}N	2006BE38	NUCLEAR MOMENTS ^{1,2}H, ^{12}C, ^{14}N; measured molecular hyperfine structure; deduced nuclear quadrupole coupling constants. JOUR ASJOA 649 L53
	2006BU12	RADIOACTIVITY ^{14}O(β^+) [from ^{12}C(^{3}He, n)]; measured Eγ, Eβ, $T_{1/2}$; deduced log ft. Comparison with previous results. JOUR PRVCA 74 025501
	2006JE05	NUCLEAR MOMENTS ^{14,15}N; measured hfs, isotope shifts. JOUR ZDDNE 40 81
^{14}O	2006BAZU	NUCLEAR REACTIONS ^{4}He(^{14}O, ^{14}O'), E=60 MeV / nucleon; measured particle spectra following excited nucleus decay. ^{14}O deduced electric monopole and dipole strength distributions. REPT RIKEN 2005 Annual,P47,Baba
	2006BU12	RADIOACTIVITY ^{14}O(β^+) [from ^{12}C(^{3}He, n)]; measured Eγ, Eβ, $T_{1/2}$; deduced log ft. Comparison with previous results. JOUR PRVCA 74 025501
	2006MU15	NUCLEAR REACTIONS ^{14}N(^{3}He, d), E=26.3 MeV; measured $\sigma(\theta)$. ^{14}N(p, γ), E $\approx$ 100-600 keV; deduced astrophysical S-factor. ^{11}C, ^{13}N(p, γ), E not given; analyzed resonant and nonresonant amplitudes. Asymptotic normalization coefficient and Trojan horse techniques discussed. JOUR ZAANE 27 s01 205
	2006NE06	NUCLEAR REACTIONS ^{14}N(d, 2p), E=175 MeV; ^{14}N(^{3}He, t), E=420 MeV; measured excitation energy spectra, σ(E, θ); deduced Gamow-Teller strength distributions. Comparison with no-core shell model predictions. JOUR PRLTA 97 062502
	2006TR08	NUCLEAR REACTIONS ^{14}N(p, α), (p, n), E=13 MeV; measured yields. Application to radioactive beam production discussed. JOUR CJPHA 84 325

A=15

^{15}C	2006NO11	NUCLEAR REACTIONS ^{11}B, ^{15}N, ^{19}F(^{7}Li, ^{7}Be), E $\approx$ 8 MeV / nucleon; measured excitation energy spectra. ^{7}He, ^{11}Be, ^{15}C, ^{19}O deduced excited states features. JOUR ZAANE 27 s01 283
^{15}N	2006BE33	NUCLEAR REACTIONS ^{14}N(n, γ), E=thermal; measured Eγ, Iγ, $\gamma\gamma$-coin. Application to detector calibration discussed. JOUR PRVCA 74 024603
	2006ISZZ	NUCLEAR REACTIONS ^{4}He(^{8}Li, n), E(cm)=0.4-2.6 MeV; ^{4}He(^{12}B, n), E(cm)=1.1-3.7 MeV; measured excitation functions; deduced resonance features. CONF Tokyo(OMEG05),P249,Ishiyama
	2006JE05	NUCLEAR MOMENTS ^{14,15}N; measured hfs, isotope shifts. JOUR ZDDNE 40 81

A=15 *(continued)*

^{15}O	2006CH30	NUCLEAR REACTIONS ^{1}H(^{18}F, α), E(cm) ≈ 663-877 keV; measured particle spectra, excitation functions; deduced resonance interference effects. ^{19}Ne deduced upper limits on resonance widths. R-matrix calculations. JOUR PRVCA 74 012801
	2006MU15	NUCLEAR REACTIONS ^{14}N(^{3}He, d), E=26.3 MeV; measured $\sigma(\theta)$. ^{14}N(p, γ), E ≈ 100-600 keV; deduced astrophysical S-factor. ^{11}C, ^{13}N(p, γ), E not given; analyzed resonant and nonresonant amplitudes. Asymptotic normalization coefficient and Trojan horse techniques discussed. JOUR ZAANE 27 s01 205
	2006WA18	NUCLEAR REACTIONS Si(^{6}Li, X), (^{7}Be, X), (^{10}B, X), (^{9}C, X), (^{10}C, X), (^{11}C, X), (^{12}N, X), (^{13}O, X), (^{15}O, X), (^{17}Ne, X), E=15-53 MeV / nucleon; measured reaction and proton-removal σ. ^{6}Li, ^{7}Be, ^{10}B, ^{9,10,11}C, ^{12}N, ^{13,15}O, ^{17}Ne deduced radii. Comparison with Glauber model predictions. JOUR PRVCA 74 014605

A=16

^{16}N	2006IOZZ	NUCLEAR REACTIONS ^{9}Be, ^{12}C, ^{16}O(e, e'K^{+}X), E=3.77 GeV; measured hypernucleus production associated particle spectra. ^{9}Li, ^{12}B, ^{16}N deduced hypernucleus bound state energies. CONF Bormio (XLIV Winter Meeting) Proc,P163
^{16}O	2006CA20	NUCLEAR REACTIONS ^{19}F(p, p'), (p, α), ^{7}Li(p, p'), (p, n), E=3.0-5.7 MeV; measured Eγ, γ-ray yields, $\sigma(\theta$=135°). JOUR NIMBE 249 98
	2006KRZW	NUCLEAR REACTIONS ^{19}F(p, α), E=5.8 MeV; measured Eγ, Iγ, electron-poangular correlation; deduced possible neutral boson mass, J, π. REPT ATOMKI 2005 Annual,P7,Krasznahorkay
	2006MCZY	NUCLEAR REACTIONS ^{4}He(^{16}O, α), E=15 MeV; measured recoil Eα. ^{3}He(p, p), E=1.0, 2.5 MeV; measured backscattered Ep. Helium targets implanted in aluminum. PREPRINT nucl-ex/0608027,8/16/2006

A=17

^{17}B	2006SHZX	NUCLEAR REACTIONS ^{1}H(^{17}B, ^{17}B'), E=60 MeV / nucleon; measured Eγ, Iγ, $\sigma(\theta)$. ^{17}B deduced excited state energy, J, π. REPT RIKEN 2005 Annual,P49,Shinohara
^{17}F	2006KU17	NUCLEAR REACTIONS ^{4}He(^{14}O, p), E(cm) ≈ 1-3.5 MeV; measured Ep. ^{18}Ne deduced resonance energies. ^{1}H(^{23}Mg, ^{23}Mg), E(cm) ≈ 0.8-3.3 MeV; measured σ(E, θ). ^{24}Al deduced possible resonance energies. JOUR ZAANE 27 s01 327
^{17}Ne	2006WA18	NUCLEAR REACTIONS Si(^{6}Li, X), (^{7}Be, X), (^{10}B, X), (^{9}C, X), (^{10}C, X), (^{11}C, X), (^{12}N, X), (^{13}O, X), (^{15}O, X), (^{17}Ne, X), E=15-53 MeV / nucleon; measured reaction and proton-removal σ. ^{6}Li, ^{7}Be, ^{10}B, ^{9,10,11}C, ^{12}N, ^{13,15}O, ^{17}Ne deduced radii. Comparison with Glauber model predictions. JOUR PRVCA 74 014605

A=18

^{18}O	2006DO17	NUCLEAR REACTIONS ^{1}H(^{18}O, p), E(cm) ≈ 900-6000 keV; measured excitation function. Solid targets. JOUR NIMAE 564 32
	2006SU12	RADIOACTIVITY ^{19,20}N(β^-), (β^-n) [from Be(^{22}Ne, X)]; measured β-delayed En, Eγ, $\beta\gamma$-, nγ-, nβ-coin, $T_{1/2}$; deduced β-emission and γ-emission probabilities, B(GT). ^{18,19,20}O deduced levels, β-feeding intensities. Shell model analysis. JOUR PRVCA 74 024322
^{18}Ne	2006KU17	NUCLEAR REACTIONS ^{4}He(^{14}O, p), E(cm) ≈ 1-3.5 MeV; measured Ep. ^{18}Ne deduced resonance energies. ^{1}H(^{23}Mg, ^{23}Mg), E(cm) ≈ 0.8-3.3 MeV; measured σ(E, θ). ^{24}Al deduced possible resonance energies. JOUR ZAANE 27 s01 327
	2006YAZV	NUCLEAR REACTIONS Pb(^{18}Ne, ^{18}Ne'), E=50 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{18}Ne deduced transition B(E2). REPT RIKEN 2005 Annual,P55,Yamada

A=19

^{19}C	2006SAZV	NUCLEAR REACTIONS ^{1}H(^{19}C, n^{18}C), E=70 MeV / nucleon; measured invariant mass spectrum. ^{19}C deduced excited state energy. REPT RIKEN 2005 Annual,P51,Satou
^{19}N	2006OKZZ	NUCLEAR REACTIONS ^{1}H(^{21}N, X)^{19}N / ^{20}N, E=72 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin. ^{19,20}N deduced transitions. REPT RIKEN 2005 Annual,P52,Okumura
	2006SU12	RADIOACTIVITY ^{19,20}N(β^-), (β^-n) [from Be(^{22}Ne, X)]; measured β-delayed En, Eγ, $\beta\gamma$-, nγ-, nβ-coin, $T_{1/2}$; deduced β-emission and γ-emission probabilities, B(GT). ^{18,19,20}O deduced levels, β-feeding intensities. Shell model analysis. JOUR PRVCA 74 024322
^{19}O	2006NO11	NUCLEAR REACTIONS ^{11}B, ^{15}N, ^{19}F(^{7}Li, ^{7}Be), E ≈ 8 MeV / nucleon; measured excitation energy spectra. ^{7}He, ^{11}Be, ^{15}C, ^{19}O deduced excited states features. JOUR ZAANE 27 s01 283
	2006SU12	RADIOACTIVITY ^{19,20}N(β^-), (β^-n) [from Be(^{22}Ne, X)]; measured β-delayed En, Eγ, $\beta\gamma$-, nγ-, nβ-coin, $T_{1/2}$; deduced β-emission and γ-emission probabilities, B(GT). ^{18,19,20}O deduced levels, β-feeding intensities. Shell model analysis. JOUR PRVCA 74 024322
^{19}F	2006CA19	NUCLEAR REACTIONS ^{7}Li, ^{12}C, ^{19}F(p, p), E=3-7 MeV; measured $\sigma(\theta$=150°). JOUR NIMBE 249 95
	2006CA20	NUCLEAR REACTIONS ^{19}F(p, p'), (p, α), ^{7}Li(p, p'), (p, n), E=3.0-5.7 MeV; measured Eγ, γ-ray yields, $\sigma(\theta$=135°). JOUR NIMBE 249 98
	2006GUZX	NUCLEAR REACTIONS ^{19}F(n, n'), E=0-3 MeV; measured σ(E). ^{103}Rh(n, X), E ≈ 0-5 MeV; measured transmission σ. ^{55}Mn(n, γ), E ≈ 1-10 keV; ^{41}K(n, γ), E ≈ 10-30 keV; measured capture σ. CONF Vancouver(PHYSOR-2006),C033,Guber
^{19}Ne	2006CH30	NUCLEAR REACTIONS ^{1}H(^{18}F, α), E(cm) ≈ 663-877 keV; measured particle spectra, excitation functions; deduced resonance interference effects. ^{19}Ne deduced upper limits on resonance widths. R-matrix calculations. JOUR PRVCA 74 012801

A=20

^{20}N	2006OKZZ	NUCLEAR REACTIONS ^{1}H(^{21}N, X)^{19}N / ^{20}N, E=72 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin. ^{19,20}N deduced transitions. REPT RIKEN 2005 Annual,P52,Okumura
	2006SU12	RADIOACTIVITY ^{19,20}N(β^-), (β^-n) [from Be(^{22}Ne, X)]; measured β-delayed En, Eγ, $\beta\gamma$-, nγ-, nβ-coin, $T_{1/2}$; deduced β-emission and γ-emission probabilities, B(GT). ^{18,19,20}O deduced levels, β-feeding intensities. Shell model analysis. JOUR PRVCA 74 024322
^{20}O	2006SU12	RADIOACTIVITY ^{19,20}N(β^-), (β^-n) [from Be(^{22}Ne, X)]; measured β-delayed En, Eγ, $\beta\gamma$-, nγ-, nβ-coin, $T_{1/2}$; deduced β-emission and γ-emission probabilities, B(GT). ^{18,19,20}O deduced levels, β-feeding intensities. Shell model analysis. JOUR PRVCA 74 024322
^{20}F	2006SZ05	NUCLEAR REACTIONS F(n, X)^{20}F, E=cold; Na(n, X)^{24}Na, E=cold; Mn, Cl(n, X)^{38m}Cl / ^{38}Cl / ^{56}Mn, E=cold; Sc(n, X)^{46}Sc, E=cold; Br(n, X)^{80}Br / ^{82}Br, E=cold; I(n, X)^{127}I, E=cold; Hf(n, X)^{179m}Hf, E=cold; W(n, X)^{187}W, E=cold; Rb(n, X)^{86m}Rb / ^{88}Rb, E=cold; Ag(n, X)^{108}Ag / ^{110}Ag, E=cold; measured partial γ-ray production σ, k_0 factors. Chopped beam. JOUR NIMAE 564 655
^{20}Ne	2006AG08	NUCLEAR REACTIONS ^{12}C(^{12}C, n), (^{12}C, p), (^{12}C, α), E(cm)=4.42-6.48 MeV; measured Eγ, Iγ; deduced fusion excitation functions. Comparison with previous results, barrier penetration model predictions. JOUR PRVCA 73 064601
	2006JE06	NUCLEAR REACTIONS ^{12}C(^{12}C, p), (^{12}C, n), (^{12}C, α), E=22 MeV; ^{12}C(^{20}Ne, n), (^{20}Ne, p), E=32 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{23}Mg levels deduced J, π. ^{31}P, ^{31}S deduced transitions. ^{22}Na(p, γ), E=low; calculated astrophysical reaction rate, resonance contributions. Gammasphere array. JOUR ZAANE 27 s01 117
^{20}Mg	2006IWZZ	NUCLEAR REACTIONS Pb(^{20}Mg, ^{20}Mg'), E=58 MeV / nucleon; measured Eγ, Iγ, σ(E, θ) following projectile Coulomb excitation. ^{20}Mg deduced transition B(E2). REPT RIKEN 2005 Annual,P59,Iwasa

A=21

^{21}Ne	2006IA02	RADIOACTIVITY ^{21}Na(β^+) [from ^{1}H(^{22}Ne, 2n)]; measured Eγ, Eγ, $\beta\gamma$-coin; deduced branching ratios. Implication for standard model test discussed. JOUR PRVCA 74 015501
^{21}Na	2006IA02	RADIOACTIVITY ^{21}Na(β^+) [from ^{1}H(^{22}Ne, 2n)]; measured Eγ, Eγ, $\beta\gamma$-coin; deduced branching ratios. Implication for standard model test discussed. JOUR PRVCA 74 015501

A=22

^{22}O	2006EL05	NUCLEAR REACTIONS ^{2}H(^{22}O, ^{22}O'), E=34 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin, σ(E). ^{22}O deduced excited state energy, neutron and proton deformations. JOUR PRVCA 74 017306
	2006EL06	NUCLEAR REACTIONS ^{2}H, C(^{22}O, ^{22}O'), E=34 MeV / nucleon; measured Eγ, Iγ. ^{22}O deduced transition. JOUR ZAANE 27 s01 321

A=22 *(continued)*

	2006ELZZ	NUCLEAR REACTIONS ^{2}H(^{22}O, ^{22}O'), E=34 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin, σ(E). ^{22}O deduced excited state energy, neutron and proton deformations. REPT ATOMKI 2005 Annual,P11,Elekes
^{22}Ne	2006LI34	RADIOACTIVITY ^{22}Na(β^+) [from ^{19}F(α, n)]; measured $T_{1/2}$ for source implanted in Pd metal; deduced shorter $T_{1/2}$ due to environmental effects. JOUR ZAANE 28 251
^{22}Na	2006LI34	RADIOACTIVITY ^{22}Na(β^+) [from ^{19}F(α, n)]; measured $T_{1/2}$ for source implanted in Pd metal; deduced shorter $T_{1/2}$ due to environmental effects. JOUR ZAANE 28 251
^{22}Mg	2006HEZU	NUCLEAR REACTIONS ^{1}H(^{22}Mg, p), E not given; measured proton spectra. ^{23}Al deduced resonant states energies, J, π, widths. REPT RIKEN 2005 Annual,P64,He
	2006HEZV	NUCLEAR REACTIONS ^{1}H(^{21}Na, ^{21}Na), E(cm) $\approx$ 0.5-3 MeV; measured $\sigma(\theta)$. ^{22}Mg deduced resonant states features. REPT RIKEN 2005 Annual,P60,He
	2006HEZW	NUCLEAR REACTIONS ^{1}H(^{22}Mg, p), E < 4.38 MeV / nucleon; measured σ(E, θ). ^{23}Al deduced resonance energy, J, π, width. CONF Tokyo(OMEG05),P395,He

A=23

^{23}F	2006MI16	NUCLEAR REACTIONS ^{4}He(^{22}O, ^{23}Fγ), (^{23}F, ^{23}Fγ), (^{24}F, ^{23}Fγ), (^{25}Ne, ^{23}Fγ), E $\approx$3 5 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin; deduced reaction σ. ^{4}He(^{22}O, ^{23}Fγ), E=35 MeV / nucleon; measured $\sigma(\theta)$. ^{23}F deduced levels, J, π, configurations. Comparison with DWBA and shell model predictions. JOUR PYLBB 638 146
^{23}Na	2006AG08	NUCLEAR REACTIONS ^{12}C(^{12}C, n), (^{12}C, p), (^{12}C, α), E(cm)=4.42-6.48 MeV; measured Eγ, Iγ; deduced fusion excitation functions. Comparison with previous results, barrier penetration model predictions. JOUR PRVCA 73 064601
	2006DA14	NUCLEAR MOMENTS ^{23}Na; measured hfs; deduced hyperfine-coupling constants. Coherent-control spectroscopy. JOUR JPAMA 39 3111
	2006JE06	NUCLEAR REACTIONS ^{12}C(^{12}C, p), (^{12}C, n), (^{12}C, α), E=22 MeV; ^{12}C(^{20}Ne, n), (^{20}Ne, p), E=32 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{23}Mg levels deduced J, π. ^{31}P, ^{31}S deduced transitions. ^{22}Na(p, γ), E=low; calculated astrophysical reaction rate, resonance contributions. Gammasphere array. JOUR ZAANE 27 s01 117
^{23}Mg	2006AG08	NUCLEAR REACTIONS ^{12}C(^{12}C, n), (^{12}C, p), (^{12}C, α), E(cm)=4.42-6.48 MeV; measured Eγ, Iγ; deduced fusion excitation functions. Comparison with previous results, barrier penetration model predictions. JOUR PRVCA 73 064601
	2006JE06	NUCLEAR REACTIONS ^{12}C(^{12}C, p), (^{12}C, n), (^{12}C, α), E=22 MeV; ^{12}C(^{20}Ne, n), (^{20}Ne, p), E=32 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{23}Mg levels deduced J, π. ^{31}P, ^{31}S deduced transitions. ^{22}Na(p, γ), E=low; calculated astrophysical reaction rate, resonance contributions. Gammasphere array. JOUR ZAANE 27 s01 117

A=23 *(continued)*

	2006OZ04	RADIOACTIVITY ^{23}Al(β^+), (EC) [from ^{9}Be(^{28}Si, X)]; measured β-asymmetry, β-NMR spectrum from polarized source. ^{23}Al deduced ground-state μ, J, π. JOUR PRVCA 74 021301
^{23}Al	2006HEZU	NUCLEAR REACTIONS ^{1}H(^{22}Mg, p), E not given; measured proton spectra. ^{23}Al deduced resonant states energies, J, π, widths. REPT RIKEN 2005 Annual,P64,He
	2006HEZW	NUCLEAR REACTIONS ^{1}H(^{22}Mg, p), E < 4.38 MeV / nucleon; measured σ(E, θ). ^{23}Al deduced resonance energy, J, π, width. CONF Tokyo(OMEG05),P395,He
	2006OZ04	RADIOACTIVITY ^{23}Al(β^+), (EC) [from ^{9}Be(^{28}Si, X)]; measured β-asymmetry, β-NMR spectrum from polarized source. ^{23}Al deduced ground-state μ, J, π. JOUR PRVCA 74 021301

A=24

^{24}Na	2006DE32	NUCLEAR REACTIONS ^{25}Mg(^{11}B, ^{12}C), (^{11}B, ^{11}B), (^{11}B, ^{10}Be), E=35 MeV; measured σ(E, θ); deduced spectroscopic factors. DWBA analysis. JOUR PRVCA 74 024604
	2006HI08	NUCLEAR REACTIONS Be(^{18}O, tX), E=120 MeV / nucleon; Be(^{16}O, tX), E=150 MeV / nucleon; measured triton yields vs energy, target thickness. ^{24}Mg(t, ^{3}He), E=115 MeV / nucleon; measured excitation energy spectra. JOUR NIMAE 566 264
	2006SZ05	NUCLEAR REACTIONS F(n, X)^{20}F, E=cold; Na(n, X)^{24}Na, E=cold; Mn, Cl(n, X)^{38m}Cl / ^{38}Cl / ^{56}Mn, E=cold; Sc(n, X)^{46}Sc, E=cold; Br(n, X)^{80}Br / ^{82}Br, E=cold; I(n, X)^{127}I, E=cold; Hf(n, X)^{179m}Hf, E=cold; W(n, X)^{187}W, E=cold; Rb(n, X)^{86m}Rb / ^{88}Rb, E=cold; Ag(n, X)^{108}Ag / ^{110}Ag, E=cold; measured partial γ-ray production σ, k_0 factors. Chopped beam. JOUR NIMAE 564 655
	2006UD01	NUCLEAR REACTIONS Ag(d, X)^{105}Ag / ^{106m}Ag / ^{110m}Ag / ^{107}Cd / ^{109}Cd, E ≈ 0.4-40 MeV; ^{27}Al(d, X)^{24}Na, E ≈ 14-40 MeV; measured excitation functions; deduced thick target integral yields. Stacked-foil activation technique. JOUR ARISE 64 1013
^{24}Mg	2006VAZZ	NUCLEAR REACTIONS ^{28}Si(p, p'X)^{24}Mg, E=1 GeV; measured Eγ, Ep, pγ-coin; deduced σ, reaction mechanism features. PREPRINT nucl-ex/0609001,09/1/2006
^{24}Al	2006KU17	NUCLEAR REACTIONS ^{4}He(^{14}O, p), E(cm) ≈ 1-3.5 MeV; measured Ep. ^{18}Ne deduced resonance energies. ^{1}H(^{23}Mg, ^{23}Mg), E(cm) ≈ 0.8-3.3 MeV; measured σ(E, θ). ^{24}Al deduced possible resonance energies. JOUR ZAANE 27 s01 327
^{24}Si	2006YO05	NUCLEAR REACTIONS ^{9}Be(^{34}Ar, ^{32}ArX), (^{30}S, ^{28}SX), (^{26}Si, ^{24}SiX), E ≈ 110 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin, parallel momentum distributions, yields following two-neutron knockout; deduced inclusive σ, reaction mechanism features. ^{24}Si, ^{28}S, ^{32}Ar deduced levels, J, π. JOUR PRVCA 74 021303
	2006YOZZ	NUCLEAR REACTIONS ^{9}Be(^{34}Ar, ^{32}ArX), (^{30}S, ^{28}SX), (^{26}Si, ^{24}SiX), E ≈ 110 MeV / nucleon; measured (particle)γ-coin, two-neutron knockout σ, σ(E). ^{24}Si, ^{28}S, ^{32}Ar deduced levels. PREPRINT nucl-ex/0607017,7/15/2006

A=25

^{25}Ne	2006TE04	NUCLEAR REACTIONS ^{9}Be(^{26}Ne, X)^{25}Ne, E=83 MeV / nucleon; ^{9}Be(^{28}Ne, X)^{27}Ne, E=80 MeV / nucleon; measured Eγ, Iγ, (recoil)γ-coin, longitudinal momentum distributions. ^{25,27}Ne deduced levels, J, π. Comparison with shell model calculations. JOUR PYLBB 640 86
^{25}Mg	2006DE32	NUCLEAR REACTIONS ^{25}Mg(^{11}B, ^{12}C), (^{11}B, ^{11}B), (^{11}B, ^{10}Be), E=35 MeV; measured σ(E, θ); deduced spectroscopic factors. DWBA analysis. JOUR PRVCA 74 024604
^{25}Al	2006CHZW	NUCLEAR REACTIONS ^{1}H(^{26}Al, γ), E=201 keV / nucleon; measured Eγ, (recoil)γ-coin. ^{1}H(^{25}Al, p), E=3.4 MeV / nucleon; measured Ep. CONF Tokyo(OMEG05),P298,Chen

A=26

^{26}Ne	2006GIZY	NUCLEAR REACTIONS Pb(^{26}Ne, ^{26}Ne'), E=58 MeV / nucleon; measured Eγ, Iγ, σ(E, θ) following projectile Coulomb excitation. ^{26}Ne deduced transition B(E2). REPT RIKEN 2005 Annual,P57,Gibelin
	2006GIZZ	NUCLEAR REACTIONS Pb(^{26}Ne, ^{26}Ne'), E=58 MeV / nucleon; measured Eγ, Iγ, σ(E, θ) following projectile Coulomb excitation. ^{26}Ne deduced transition B(E1). REPT RIKEN 2005 Annual,P56,Gibelin
^{26}Na	2006ZE01	NUCLEAR REACTIONS ^{26}Mg(t, ^{3}He), E=115 MeV / nucleon; ^{26}Mg(^{3}He, t), E=140 MeV / nucleon; measured σ(E, θ); deduced Gamow-Teller transition strengths. Comparison with model predictions. JOUR PRVCA 74 024309
^{26}Al	2006AR12	NUCLEAR REACTIONS ^{25}Mg(p, γ), E(cm)=189, 304, 374, 418 keV; measured yields; deduced resonance strengths. Accelerator mass spectrometry. Astrophysical implications discussed. JOUR PRVCA 74 025802
	2006DE32	NUCLEAR REACTIONS ^{25}Mg(^{11}B, ^{12}C), (^{11}B, ^{11}B), (^{11}B, ^{10}Be), E=35 MeV; measured σ(E, θ); deduced spectroscopic factors. DWBA analysis. JOUR PRVCA 74 024604
	2006ERZZ	ATOMIC MASSES ^{26m}Al, ^{42}Sc, ^{46}V; measured masses; deduced Q(EC). Comparison with previous results, implications for CKM matrix element discussed. PREPRINT nucl-ex/0606035,6/27/2006
	2006ZE01	NUCLEAR REACTIONS ^{26}Mg(t, ^{3}He), E=115 MeV / nucleon; ^{26}Mg(^{3}He, t), E=140 MeV / nucleon; measured σ(E, θ); deduced Gamow-Teller transition strengths. Comparison with model predictions. JOUR PRVCA 74 024309

A=27

^{27}Ne	2006TE04	NUCLEAR REACTIONS ^{9}Be(^{26}Ne, X)^{25}Ne, E=83 MeV / nucleon; ^{9}Be(^{28}Ne, X)^{27}Ne, E=80 MeV / nucleon; measured Eγ, Iγ, (recoil)γ-coin, longitudinal momentum distributions. ^{25,27}Ne deduced levels, J, π. Comparison with shell model calculations. JOUR PYLBB 640 86

A=27 *(continued)*

^{27}Al	2006WI15	NUCLEAR REACTIONS ^{27}Al(^{98}Ru, ^{98}Ru'), E=289 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin following projectile Coulomb excitation. ^{98}Ru deduced transitions B(E2). ^{122}Sn(^{62}Ni, 4n), E=265 MeV; measured Doppler-shifted Eγ, Iγ, $\gamma\gamma$-coin. ^{180}Pt deduced transitions $T_{1/2}$, B(E2). Comparison with previous results, model predictions. JOUR PRVCA 74 024302
^{27}Si	2006CHZW	NUCLEAR REACTIONS ^{1}H(^{26}Al, γ), E=201 keV / nucleon; measured Eγ, (recoil)γ-coin. ^{1}H(^{25}Al, p), E=3.4 MeV / nucleon; measured Ep. CONF Tokyo(OMEG05),P298,Chen
	2006RU09	NUCLEAR REACTIONS ^{1}H(^{26}Al, γ), E=5.122, 5.226, 5.850 MeV; measured Eγ, (recoil)γ-coin. ^{26}Al(p, γ), E(cm) $\approx$ 184 keV; deduced resonance strength. Astrophysical implications discussed. JOUR PRLTA 96 252501
^{27}P	2006TO09	NUCLEAR REACTIONS Pb(^{27}P, p^{26}Si), E=57 MeV / nucleon; measured relative energy spectra. ^{27}P deduced excited state width, mixing ratio. ^{26}Si(p, γ), E=low; deduced astrophysical reaction rate. JOUR ZAANE 27 s01 233

A=28

^{28}S	2006YO05	NUCLEAR REACTIONS ^{9}Be(^{34}Ar, ^{32}ArX), (^{30}S, ^{28}SX), (^{26}Si, ^{24}SiX), E $\approx$ 110 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin, parallel momentum distributions, yields following two-neutron knockout; deduced inclusive σ, reaction mechanism features. ^{24}Si, ^{28}S, ^{32}Ar deduced levels, J, π. JOUR PRVCA 74 021303
	2006YOZZ	NUCLEAR REACTIONS ^{9}Be(^{34}Ar, ^{32}ArX), (^{30}S, ^{28}SX), (^{26}Si, ^{24}SiX), E $\approx$ 110 MeV / nucleon; measured (particle)γ-coin, two-neutron knockout σ, σ(E). ^{24}Si, ^{28}S, ^{32}Ar deduced levels. PREPRINT nucl-ex/0607017,7/15/2006

A=29

^{29}Mg	2006LU09	ATOMIC MASSES ^{29,30,31,32,33}Mg; measured mass. Comparison with other measurements and theory. Transmission mass spectrometer. JOUR ZAANE 28 129

A=30

^{30}Mg	2006LU09	ATOMIC MASSES ^{29,30,31,32,33}Mg; measured mass. Comparison with other measurements and theory. Transmission mass spectrometer. JOUR ZAANE 28 129

A=31

^{31}Mg	2006LU09	ATOMIC MASSES ^{29,30,31,32,33}Mg; measured mass. Comparison with other measurements and theory. Transmission mass spectrometer. JOUR ZAANE 28 129
^{31}Al	2006KIZX	RADIOACTIVITY ^{31,32}Al(β^-) [from Nb(^{40}Ar, X)]; measured β-NMR spectra from polarized sources; deduce μ. REPT RIKEN 2005 Annual,P69,Kijima
	2006KIZX	NUCLEAR MOMENTS ^{31,32}Al; measured β-NMR spectra from polarized sources; deduced μ. REPT RIKEN 2005 Annual,P69,Kijima
^{31}Si	2006KIZX	RADIOACTIVITY ^{31,32}Al(β^-) [from Nb(^{40}Ar, X)]; measured β-NMR spectra from polarized sources; deduce μ. REPT RIKEN 2005 Annual,P69,Kijima
^{31}P	2006JE03	NUCLEAR REACTIONS ^{12}C(^{20}Ne, p), (^{20}Ne, n), E=32 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{31}S, ^{31}P deduced high-spin levels, J, π. ^{31}P(p, γ), E=low; deduced proton widths and resonance strengths, astrophysical reaction rates. Gammasphere array, fragment mass analyzer. JOUR PRVCA 73 065802
	2006JE06	NUCLEAR REACTIONS ^{12}C(^{12}C, p), (^{12}C, n), (^{12}C, α), E=22 MeV; ^{12}C(^{20}Ne, n), (^{20}Ne, p), E=32 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{23}Mg levels deduced J, π. ^{31}P, ^{31}S deduced transitions. ^{22}Na(p, γ), E=low; calculated astrophysical reaction rate, resonance contributions. Gammasphere array. JOUR ZAANE 27 s01 117
^{31}S	2006JE03	NUCLEAR REACTIONS ^{12}C(^{20}Ne, p), (^{20}Ne, n), E=32 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{31}S, ^{31}P deduced high-spin levels, J, π. ^{31}P(p, γ), E=low; deduced proton widths and resonance strengths, astrophysical reaction rates. Gammasphere array, fragment mass analyzer. JOUR PRVCA 73 065802
	2006JE06	NUCLEAR REACTIONS ^{12}C(^{12}C, p), (^{12}C, n), (^{12}C, α), E=22 MeV; ^{12}C(^{20}Ne, n), (^{20}Ne, p), E=32 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{23}Mg levels deduced J, π. ^{31}P, ^{31}S deduced transitions. ^{22}Na(p, γ), E=low; calculated astrophysical reaction rate, resonance contributions. Gammasphere array. JOUR ZAANE 27 s01 117

A=32

^{32}Mg	2006FUZY	NUCLEAR REACTIONS ^{4}He(^{32}Mg, ^{32}Mg'), E=42 MeV / nucleon; measured Eγ, Iγ. ^{32}Mg deduced transition. REPT RIKEN 2005 Annual,P62,Fukui
	2006LU09	ATOMIC MASSES ^{29,30,31,32,33}Mg; measured mass. Comparison with other measurements and theory. Transmission mass spectrometer. JOUR ZAANE 28 129
^{32}Al	2006KIZX	RADIOACTIVITY ^{31,32}Al(β^-) [from Nb(^{40}Ar, X)]; measured β-NMR spectra from polarized sources; deduce μ. REPT RIKEN 2005 Annual,P69,Kijima
	2006KIZX	NUCLEAR MOMENTS ^{31,32}Al; measured β-NMR spectra from polarized sources; deduced μ. REPT RIKEN 2005 Annual,P69,Kijima
^{32}Si	2006KIZX	RADIOACTIVITY ^{31,32}Al(β^-) [from Nb(^{40}Ar, X)]; measured β-NMR spectra from polarized sources; deduce μ. REPT RIKEN 2005 Annual,P69,Kijima

A=32 *(continued)*

^{32}S	2006DEZY	NUCLEAR REACTIONS ^{12}C(^{20}Ne, pX), (^{20}Ne, αX), E=145, 158, 170, 180, 200 MeV; measured Ep, Eα, σ(E, θ). ^{32}S deduced compound nucleus deformation. PREPRINT nucl-ex/0608037,8/18/2006
	2006JE03	NUCLEAR REACTIONS ^{12}C(^{20}Ne, p), (^{20}Ne, n), E=32 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{31}S, ^{31}P deduced high-spin levels, J, π. ^{31}P(p, γ), E=low; deduced proton widths and resonance strengths, astrophysical reaction rates. Gammasphere array, fragment mass analyzer. JOUR PRVCA 73 065802
^{32}Ar	2006YO05	NUCLEAR REACTIONS ^{9}Be(^{34}Ar, ^{32}ArX), (^{30}S, ^{28}SX), (^{26}Si, ^{24}SiX), E $\approx$ 110 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin, parallel momentum distributions, yields following two-neutron knockout; deduced inclusive σ, reaction mechanism features. ^{24}Si, ^{28}S, ^{32}Ar deduced levels, J, π. JOUR PRVCA 74 021303
	2006YOZZ	NUCLEAR REACTIONS ^{9}Be(^{34}Ar, ^{32}ArX), (^{30}S, ^{28}SX), (^{26}Si, ^{24}SiX), E $\approx$ 110 MeV / nucleon; measured (particle)γ-coin, two-neutron knockout σ, σ(E). ^{24}Si, ^{28}S, ^{32}Ar deduced levels. PREPRINT nucl-ex/0607017,7/15/2006

A=33

^{33}Mg	2006LU09	ATOMIC MASSES ^{29,30,31,32,33}Mg; measured mass. Comparison with other measurements and theory. Transmission mass spectrometer. JOUR ZAANE 28 129

A=34

^{34}P	2006KR07	NUCLEAR REACTIONS ^{115}In(^{34}S, X)^{34}P / ^{36}S / ^{146}Tb / ^{145}Gd / ^{146}Gd, E=140 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, γ-ray polarization. ^{34}P, ^{36}S deduced levels, J, π, configurations. JOUR ZAANE 29 151

A=35

No references found

A=36

^{36}Si	2006LI32	NUCLEAR REACTIONS ^{208}Pb(^{36}S, X), E=215 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin, yields. ^{36}Si deduced levels, J, π, B(E2). Comparison with shell model predictions, level systematics in neighboring nuclides discussed. JOUR PRVCA 74 014311
^{36}S	2006KR07	NUCLEAR REACTIONS ^{115}In(^{34}S, X)^{34}P / ^{36}S / ^{146}Tb / ^{145}Gd / ^{146}Gd, E=140 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, γ-ray polarization. ^{34}P, ^{36}S deduced levels, J, π, configurations. JOUR ZAANE 29 151
^{36}Cl	2006AZZZ	NUCLEAR REACTIONS Cl, K, Ca(n, X)^{36}Cl, E=spectrum; measured production rates. REPT KEK Preprint 2005-99,Aze

A=36 *(continued)*

^{36}Ca	2006BUZX	NUCLEAR REACTIONS ^{9}Be(^{37}Ca, X)^{36}Ca, E ≈ 61 MeV / nucleon; measured Eγ, Iγ. ^{36}Ca deduced excited state energy. REPT ATOMKI 2005 Annual,P12,Burger

A=37

No references found

A=38

^{38}S	2006STZY	NUCLEAR REACTIONS ^{197}Au(^{38}S, ^{38}S'), (^{40}S, ^{40}S'), E ≈ 40 MeV / nucleon; measured Eγ, Iγ(θ, H, t), (particle)γ-coin following projectile Coulomb excitation. ^{38,40}S levels deduced excitation B(E2), g factors. Transient field technique. PREPRINT nucl-ex/0609033,9/21/2006
^{38}Cl	2006SZ05	NUCLEAR REACTIONS F(n, X)^{20}F, E=cold; Na(n, X)^{24}Na, E=cold; Mn, Cl(n, X)^{38m}Cl / ^{38}Cl / ^{56}Mn, E=cold; Sc(n, X)^{46}Sc, E=cold; Br(n, X)^{80}Br / ^{82}Br, E=cold; I(n, X)^{127}I, E=cold; Hf(n, X)^{179m}Hf, E=cold; W(n, X)^{187}W, E=cold; Rb(n, X)^{86m}Rb / ^{88}Rb, E=cold; Ag(n, X)^{108}Ag / ^{110}Ag, E=cold; measured partial γ-ray production σ, k_0 factors. Chopped beam. JOUR NIMAE 564 655

A=39

No references found

A=40

^{40}Si	2006CA26	NUCLEAR REACTIONS ^{1}H(^{40}Si, ^{40}Si'), (^{42}P, ^{40}SiX), E ≈ 80 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin. ^{40}Si deduced excited states energies. Comparison with model predictions. JOUR PRLTA 97 112501
	2006CAZY	NUCLEAR REACTIONS ^{1}H(^{40}Si, ^{40}Si'), (^{42}P, ^{40}SiX), E ≈ 80 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin. ^{40}Si deduced excited states energies. Comparison with model predictions. PREPRINT nucl-ex/0608029,8/15/2006
^{40}S	2006STZY	NUCLEAR REACTIONS ^{197}Au(^{38}S, ^{38}S'), (^{40}S, ^{40}S'), E ≈ 40 MeV / nucleon; measured Eγ, Iγ(θ, H, t), (particle)γ-coin following projectile Coulomb excitation. ^{38,40}S levels deduced excitation B(E2), g factors. Transient field technique. PREPRINT nucl-ex/0609033,9/21/2006
^{40}Ca	2006DE33	NUCLEAR REACTIONS ^{40}Ca(^{16}O, ^{16}O), E=214 MeV; measured $\sigma(\theta)$; deduced Airy minimum, rainbow scattering. JOUR PANUE 69 1383

A=41

No references found

A=42

^{42}Si	2006FRZZ	NUCLEAR REACTIONS ^{9}Be(^{44}S, X)^{42}Si / ^{43}P, E=98.6 MeV / nucleon; ^{9}Be(^{46}Ar, X)^{44}S, E=98.1 MeV / nucleon; measured Eγ, Iγ, particle spectra, (particle)γ-coin; deduced one- and two-proton knockout σ. PREPRINT nucl-ex/0608023,8/14/2006
	2006GRZZ	NUCLEAR REACTIONS ^{9}Be(^{44}S, X)^{42}Si, E not given; measured Eγ, Iγ, (particle)γ-coin; deduced σ. ^{42}Si deduced excited state energy. REPT ATOMKI 2005 Annual,P13,Grevy
^{42}K	2006GUZX	NUCLEAR REACTIONS ^{19}F(n, n'), E=0-3 MeV; measured σ(E). ^{103}Rh(n, X), E $\approx$ 0-5 MeV; measured transmission σ. ^{55}Mn(n, γ), E $\approx$ 1-10 keV; ^{41}K(n, γ), E $\approx$ 10-30 keV; measured capture σ. CONF Vancouver(PHYSOR-2006),C033,Guber
^{42}Sc	2006ERZZ	ATOMIC MASSES ^{26m}Al, ^{42}Sc, ^{46}V; measured masses; deduced Q(EC). Comparison with previous results, implications for CKM matrix element discussed. PREPRINT nucl-ex/0606035,6/27/2006

A=43

^{43}P	2006FRZZ	NUCLEAR REACTIONS ^{9}Be(^{44}S, X)^{42}Si / ^{43}P, E=98.6 MeV / nucleon; ^{9}Be(^{46}Ar, X)^{44}S, E=98.1 MeV / nucleon; measured Eγ, Iγ, particle spectra, (particle)γ-coin; deduced one- and two-proton knockout σ. PREPRINT nucl-ex/0608023,8/14/2006
^{43}Cl	2006GAZX	NUCLEAR REACTIONS H, C(^{46}Ar, X)^{43}Cl / ^{45}Cl, E=76.4 MeV; measured Eγ, Iγ, (particle)γ-coin. ^{43,45}Cl deduced excited states energies. Level systematics in neighboring nuclides discussed. PREPRINT nucl-ex/0608014,8/8/2006

A=44

^{44}S	2006FRZZ	NUCLEAR REACTIONS ^{9}Be(^{44}S, X)^{42}Si / ^{43}P, E=98.6 MeV / nucleon; ^{9}Be(^{46}Ar, X)^{44}S, E=98.1 MeV / nucleon; measured Eγ, Iγ, particle spectra, (particle)γ-coin; deduced one- and two-proton knockout σ. PREPRINT nucl-ex/0608023,8/14/2006
^{44}Sc	2006SO07	NUCLEAR REACTIONS ^{66}Zn(^{16}O, xnyp)^{78}Rb / ^{79}Rb / ^{75}Br / ^{76}Br / ^{77}Br / ^{76}Kr / ^{77}Kr / ^{73}Se / ^{67}Ge / ^{69}Ge / ^{66}Ga / ^{67}Ga, E $\approx$ 60-95 MeV; ^{45}Sc(^{37}Cl, xnyp)^{78}Rb / ^{79}Rb / ^{75}Br / ^{76}Br / ^{77}Br / ^{76}Kr / ^{77}Kr / ^{48}V / ^{44}Sc / ^{47}Sc, E $\approx$ 100-125 MeV; measured excitation functions; deduced entrance channel effects, other reaction mechanism features. JOUR PRAMC 66 985

A=45

^{45}Cl	2006GAZX	NUCLEAR REACTIONS H, C(^{46}Ar, X)^{43}Cl / ^{45}Cl, E=76.4 MeV; measured Eγ, Iγ, (particle)γ-coin. ^{43,45}Cl deduced excited states energies. Level systematics in neighboring nuclides discussed. PREPRINT nucl-ex/0608014,8/8/2006

A=46

^{46}Sc	2006SI27	NUCLEAR REACTIONS Fe(p, X)^{46}Sc / ^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn / ^{56}Co, E=140-500 MeV; Ni(p, X)^{46}Sc / ^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Co / ^{56}Ni / ^{57}Ni / ^{59}Fe, E=140-500 MeV; measured σ. Thin-target activation, comparison with previous results. JOUR NIMBE 251 1
	2006SZ05	NUCLEAR REACTIONS F(n, X)^{20}F, E=cold; Na(n, X)^{24}Na, E=cold; Mn, Cl(n, X)^{38m}Cl / ^{38}Cl / ^{56}Mn, E=cold; Sc(n, X)^{46}Sc, E=cold; Br(n, X)^{80}Br / ^{82}Br, E=cold; I(n, X)^{127}I, E=cold; Hf(n, X)^{179m}Hf, E=cold; W(n, X)^{187}W, E=cold; Rb(n, X)^{86m}Rb / ^{88}Rb, E=cold; Ag(n, X)^{108}Ag / ^{110}Ag, E=cold; measured partial γ-ray production σ, k_0 factors. Chopped beam. JOUR NIMAE 564 655
^{46}Ti	2006BRZY	NUCLEAR REACTIONS ^{19}F(^{27}Al, αX), E=144 MeV; measured Eγ, Eα, (lig charged particle)(evaporation residue)-coin. ^{46}Ti deduced deformation, GDR decay features. PREPRINT nucl-ex/0608011,8/4/2006
	2006JE04	NUCLEAR REACTIONS ^{24}Mg(^{28}Si, npα), (^{28}Si, 2pα), E=110 MeV; measured Doppler-shifted Eγ, Iγ, $\gamma\gamma$-coin. ^{46}V, ^{46}Ti levels deduced $T_{1/2}$, B(E1), B(E2). Euroball IV array, recoil-distance technique, differential decay curve method. JOUR PRVCA 74 021304
^{46}V	2006ERZZ	ATOMIC MASSES ^{26m}Al, ^{42}Sc, ^{46}V; measured masses; deduced Q(EC). Comparison with previous results, implications for CKM matrix element discussed. PREPRINT nucl-ex/0606035,6/27/2006
	2006JE04	NUCLEAR REACTIONS ^{24}Mg(^{28}Si, npα), (^{28}Si, 2pα), E=110 MeV; measured Doppler-shifted Eγ, Iγ, $\gamma\gamma$-coin. ^{46}V, ^{46}Ti levels deduced $T_{1/2}$, B(E1), B(E2). Euroball IV array, recoil-distance technique, differential decay curve method. JOUR PRVCA 74 021304

A=47

^{47}Ar	2006GA28	NUCLEAR REACTIONS ^{2}H(^{46}Ar, p), E=10.7 MeV / nucleon; measured Ep, σ(E, θ), (Argon)p-coin, excitation energy spectra. ^{47}Ar deduced single-neutron level energies, spectroscopic factors, shell gap reduction, spin-orbit interaction features. JOUR PRLTA 97 092501
	2006GA30	NUCLEAR REACTIONS ^{2}H(^{46}Ar, ^{47}Ar), E=10 MeV / nucleon; measured particle spectra, σ(E, θ). ^{47}Ar deduced levels, spectroscopic factors. Astrophysical implications discussed. JOUR ZAANE 27 s01 309

A=47 *(continued)*

^{47}Sc	2005KHZV	NUCLEAR REACTIONS ^{100}Mo(γ, n), E=22 MeV bremsstrahlung; ^{48,49}Ti(γ, p), E=22 MeV bremsstrahlung; measured σ. Activation technique, comparison with model predictions. CONF Ulaanbaatar (ISCP-III) Proc,P97,Khuukhenkhuu
	2006SO07	NUCLEAR REACTIONS ^{66}Zn(^{16}O, xnyp)^{78}Rb / ^{79}Rb / ^{75}Br / ^{76}Br / ^{77}Br / ^{76}Kr / ^{77}Kr / ^{73}Se / ^{67}Ge / ^{69}Ge / ^{66}Ga / ^{67}Ga, E $\approx$ 60-95 MeV; ^{45}Sc(^{37}Cl, xnyp)^{78}Rb / ^{79}Rb / ^{75}Br / ^{76}Br / ^{77}Br / ^{76}Kr / ^{77}Kr / ^{48}V / ^{44}Sc / ^{47}Sc, E $\approx$ 100-125 MeV; measured excitation functions; deduced entrance channel effects, other reaction mechanism features. JOUR PRAMC 66 985

A=48

^{48}Sc	2005KHZV	NUCLEAR REACTIONS ^{100}Mo(γ, n), E=22 MeV bremsstrahlung; ^{48,49}Ti(γ, p), E=22 MeV bremsstrahlung; measured σ. Activation technique, comparison with model predictions. CONF Ulaanbaatar (ISCP-III) Proc,P97,Khuukhenkhuu
^{48}V	2006SI27	NUCLEAR REACTIONS Fe(p, X)^{46}Sc / ^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn / ^{56}Co, E=140-500 MeV; Ni(p, X)^{46}Sc / ^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Co / ^{56}Ni / ^{57}Ni / ^{59}Fe, E=140-500 MeV; measured σ. Thin-target activation, comparison with previous results. JOUR NIMBE 251 1
	2006SO07	NUCLEAR REACTIONS ^{66}Zn(^{16}O, xnyp)^{78}Rb / ^{79}Rb / ^{75}Br / ^{76}Br / ^{77}Br / ^{76}Kr / ^{77}Kr / ^{73}Se / ^{67}Ge / ^{69}Ge / ^{66}Ga / ^{67}Ga, E $\approx$ 60-95 MeV; ^{45}Sc(^{37}Cl, xnyp)^{78}Rb / ^{79}Rb / ^{75}Br / ^{76}Br / ^{77}Br / ^{76}Kr / ^{77}Kr / ^{48}V / ^{44}Sc / ^{47}Sc, E $\approx$ 100-125 MeV; measured excitation functions; deduced entrance channel effects, other reaction mechanism features. JOUR PRAMC 66 985

A=49

No references found

A=50

^{50}Ca	2006PE16	RADIOACTIVITY ^{51,52,53}K(β^-), (β^-n) [from U(p, X)]; measured β-delayed Eγ, En, $\gamma\gamma$-, nγ-coin, $T_{1/2}$; deduced one- and two-neutron emission probabilities. ^{50,51,52,53}Ca deduced transitions, levels. JOUR PRVCA 74 014313
^{50}V	2006LA12	NUCLEAR REACTIONS ^{51}V(^{3}He, ^{3}He'), (^{3}He, α), E=30 MeV; measured Eγ, Iγ, (particle)γ-coin. ^{50,51}V deduced level densities, radiative strength functions. JOUR PRVCA 73 064301
^{50}Cr	2006BA33	RADIOACTIVITY ^{50}Mn(β^+) [from ^{50}Cr(p, n)]; measured Eβ, $T_{1/2}$. Comparison with previous results. JOUR PRVCA 73 064306
^{50}Mn	2006BA33	NUCLEAR REACTIONS ^{50}Cr(p, n), E=8.58-8.82 MeV; measured relative yields. JOUR PRVCA 73 064306

A=50 *(continued)*

	2006BA33	RADIOACTIVITY ^{50}Mn(β^+) [from ^{50}Cr(p, n)]; measured Eβ, $T_{1/2}$. Comparison with previous results. JOUR PRVCA 73 064306

A=51

^{51}K	2006PE16	RADIOACTIVITY ^{51,52,53}K(β^-), (β^-n) [from U(p, X)]; measured β-delayed Eγ, En, $\gamma\gamma$-, nγ-coin, $T_{1/2}$; deduced one- and two-neutron emission probabilities. ^{50,51,52,53}Ca deduced transitions, levels. JOUR PRVCA 74 014313
^{51}Ca	2006PE16	RADIOACTIVITY ^{51,52,53}K(β^-), (β^-n) [from U(p, X)]; measured β-delayed Eγ, En, $\gamma\gamma$-, nγ-coin, $T_{1/2}$; deduced one- and two-neutron emission probabilities. ^{50,51,52,53}Ca deduced transitions, levels. JOUR PRVCA 74 014313
^{51}V	2006LA12	NUCLEAR REACTIONS ^{51}V(^{3}He, ^{3}He'), (^{3}He, α), E=30 MeV; measured Eγ, Iγ, (particle)γ-coin. ^{50,51}V deduced level densities, radiative strength functions. JOUR PRVCA 73 064301
^{51}Cr	2006SI27	NUCLEAR REACTIONS Fe(p, X)^{46}Sc / ^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn / ^{56}Co, E=140-500 MeV; Ni(p, X)^{46}Sc / ^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Co / ^{56}Ni / ^{57}Ni / ^{59}Fe, E=140-500 MeV; measured σ. Thin-target activation, comparison with previous results. JOUR NIMBE 251 1

A=52

^{52}K	2006PE16	RADIOACTIVITY ^{51,52,53}K(β^-), (β^-n) [from U(p, X)]; measured β-delayed Eγ, En, $\gamma\gamma$-, nγ-coin, $T_{1/2}$; deduced one- and two-neutron emission probabilities. ^{50,51,52,53}Ca deduced transitions, levels. JOUR PRVCA 74 014313
^{52}Ca	2006GA24	NUCLEAR REACTIONS ^{9}Be(^{54}Ti, ^{52}CaX), E=72 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin, longitudinal momentum distribution, yields following two-proton knockout; deduced inclusive σ. ^{52}Ca deduced levels, J, π, configurations. JOUR PRVCA 74 021302
	2006PE16	RADIOACTIVITY ^{51,52,53}K(β^-), (β^-n) [from U(p, X)]; measured β-delayed Eγ, En, $\gamma\gamma$-, nγ-coin, $T_{1/2}$; deduced one- and two-neutron emission probabilities. ^{50,51,52,53}Ca deduced transitions, levels. JOUR PRVCA 74 014313
^{52}Mn	2006SI27	NUCLEAR REACTIONS Fe(p, X)^{46}Sc / ^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn / ^{56}Co, E=140-500 MeV; Ni(p, X)^{46}Sc / ^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Co / ^{56}Ni / ^{57}Ni / ^{59}Fe, E=140-500 MeV; measured σ. Thin-target activation, comparison with previous results. JOUR NIMBE 251 1

A=53

^{53}K	2006PE16	RADIOACTIVITY ^{51,52,53}K(β^-), (β^-n) [from U(p, X)]; measured β-delayed Eγ, En, $\gamma\gamma$-, nγ-coin, $T_{1/2}$; deduced one- and two-neutron emission probabilities. ^{50,51,52,53}Ca deduced transitions, levels. JOUR PRVCA 74 014313
^{53}Ca	2006PE16	RADIOACTIVITY ^{51,52,53}K(β^-), (β^-n) [from U(p, X)]; measured β-delayed Eγ, En, $\gamma\gamma$-, nγ-coin, $T_{1/2}$; deduced one- and two-neutron emission probabilities. ^{50,51,52,53}Ca deduced transitions, levels. JOUR PRVCA 74 014313

A=54

^{54}Mn	2006DA20	RADIOACTIVITY ^{54}Mn, ^{125}I, ^{203}Hg; measured Eγ, Iγ; deduced photon emission probabilities. JOUR ARISE 64 1440
	2006SI27	NUCLEAR REACTIONS Fe(p, X)^{46}Sc / ^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn / ^{56}Co, E=140-500 MeV; Ni(p, X)^{46}Sc / ^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Co / ^{56}Ni / ^{57}Ni / ^{59}Fe, E=140-500 MeV; measured σ. Thin-target activation, comparison with previous results. JOUR NIMBE 251 1

A=55

^{55}Mn	2006VA13	RADIOACTIVITY ^{55}Fe(EC), (β^+); measured $T_{1/2}$. JOUR ARISE 64 1412
^{55}Fe	2006VA13	RADIOACTIVITY ^{55}Fe(EC), (β^+); measured $T_{1/2}$. JOUR ARISE 64 1412

A=56

^{56}Cr	2006GAZW	NUCLEAR REACTIONS ^{9}Be(^{57}Cr, ^{56}CrX), E=77 MeV / nucleon; measured Eγ, Iγ, fragment parallel momentum distribution, inclusive σ for one-neutron knockout. ^{56}Cr deduced levels, spectroscopic factors. PREPRINT nucl-ex/0608053,08/30/2006
^{56}Mn	2006GUZX	NUCLEAR REACTIONS ^{19}F(n, n'), E=0-3 MeV; measured σ(E). ^{103}Rh(n, X), E ≈ 0-5 MeV; measured transmission σ. ^{55}Mn(n, γ), E ≈ 1-10 keV; ^{41}K(n, γ), E ≈ 10-30 keV; measured capture σ. CONF Vancouver(PHYSOR-2006),C033,Guber
	2006SZ05	NUCLEAR REACTIONS F(n, X)^{20}F, E=cold; Na(n, X)^{24}Na, E=cold; Mn, Cl(n, X)^{38m}Cl / ^{38}Cl / ^{56}Mn, E=cold; Sc(n, X)^{46}Sc, E=cold; Br(n, X)^{80}Br / ^{82}Br, E=cold; I(n, X)^{127}I, E=cold; Hf(n, X)^{179m}Hf, E=cold; W(n, X)^{187}W, E=cold; Rb(n, X)^{86m}Rb / ^{88}Rb, E=cold; Ag(n, X)^{108}Ag / ^{110}Ag, E=cold; measured partial γ-ray production σ, k_0 factors. Chopped beam. JOUR NIMAE 564 655
^{56}Fe	2006VO06	NUCLEAR REACTIONS ^{55}Mn(d, n), E=7 MeV; measured En, σ(E, θ). ^{56}Fe deduced level density, γ-strength function. JOUR PRVCA 74 014314

A=56 *(continued)*

^{56}Co	2006SI27	NUCLEAR REACTIONS Fe(p, X)^{46}Sc / ^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn / ^{56}Co, E=140-500 MeV; Ni(p, X)^{46}Sc / ^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Co / ^{56}Ni / ^{57}Ni / ^{59}Fe, E=140-500 MeV; measured σ. Thin-target activation, comparison with previous results. JOUR NIMBE 251 1
^{56}Ni	2006SI27	NUCLEAR REACTIONS Fe(p, X)^{46}Sc / ^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn / ^{56}Co, E=140-500 MeV; Ni(p, X)^{46}Sc / ^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Co / ^{56}Ni / ^{57}Ni / ^{59}Fe, E=140-500 MeV; measured σ. Thin-target activation, comparison with previous results. JOUR NIMBE 251 1
	2006YU09	NUCLEAR REACTIONS ^{9}Be(^{57}Ni, ^{56}NiX), E=73 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin, parallel momentum distributions following one-neutron knockout; deduced inclusive σ. ^{56}Ni levels deduced spectroscopic factors. ^{57}Ni levels deduced L. ^{9}Be(^{58}Ni, X), E=105 MeV / nucleon; measured fragments isotopic yields. JOUR PRVCA 74 024304

A=57

^{57}Fe	2006MO26	RADIOACTIVITY ^{57}Co(EC); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{57}Fe levels deduced $T_{1/2}$. Autocorrelation single-crystal time spectrometer. JOUR NIMAE 566 448
^{57}Co	2006MO26	RADIOACTIVITY ^{57}Co(EC); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{57}Fe levels deduced $T_{1/2}$. Autocorrelation single-crystal time spectrometer. JOUR NIMAE 566 448
	2006SA26	NUCLEAR REACTIONS ^{58}Ni(α, α'), (α, nα), (α, pα), E=136 MeV; measured Eγ, Eα, $\gamma\gamma$-, $\alpha\gamma$-coin. ^{57}Co, ^{57,58}Ni deduced transitions. JOUR NIMAE 564 267
	2006SI27	NUCLEAR REACTIONS Fe(p, X)^{46}Sc / ^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn / ^{56}Co, E=140-500 MeV; Ni(p, X)^{46}Sc / ^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Co / ^{56}Ni / ^{57}Ni / ^{59}Fe, E=140-500 MeV; measured σ. Thin-target activation, comparison with previous results. JOUR NIMBE 251 1
	2006TA21	NUCLEAR REACTIONS Cu(d, X)^{62}Zn / ^{63}Zn / ^{65}Zn / ^{64}Cu / ^{57}Ni / ^{65}Ni / ^{57}Co / ^{58}Co / ^{60}Co / ^{59}Fe, E $\approx$ 3-50 MeV; measured excitation functions; deduced thick-target yields. Stacked-foil activation technique. JOUR NIMBE 251 56
^{57}Ni	2006SA26	NUCLEAR REACTIONS ^{58}Ni(α, α'), (α, nα), (α, pα), E=136 MeV; measured Eγ, Eα, $\gamma\gamma$-, $\alpha\gamma$-coin. ^{57}Co, ^{57,58}Ni deduced transitions. JOUR NIMAE 564 267
	2006SI27	NUCLEAR REACTIONS Fe(p, X)^{46}Sc / ^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn / ^{56}Co, E=140-500 MeV; Ni(p, X)^{46}Sc / ^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Co / ^{56}Ni / ^{57}Ni / ^{59}Fe, E=140-500 MeV; measured σ. Thin-target activation, comparison with previous results. JOUR NIMBE 251 1

A=57 *(continued)*

	2006TA21	NUCLEAR REACTIONS Cu(d, X)^{62}Zn / ^{63}Zn / ^{65}Zn / ^{64}Cu / ^{57}Ni / ^{65}Ni / ^{57}Co / ^{58}Co / ^{60}Co / ^{59}Fe, E ≈ 3-50 MeV; measured excitation functions; deduced thick-target yields. Stacked-foil activation technique. JOUR NIMBE 251 56
	2006YU09	NUCLEAR REACTIONS ^{9}Be(^{57}Ni, ^{56}NiX), E=73 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin, parallel momentum distributions following one-neutron knockout; deduced inclusive σ. ^{56}Ni levels deduced spectroscopic factors. ^{57}Ni levels deduced L. ^{9}Be(^{58}Ni, X), E=105 MeV / nucleon; measured fragments isotopic yields. JOUR PRVCA 74 024304

A=58

^{58}Co	2006SI27	NUCLEAR REACTIONS Fe(p, X)^{46}Sc / ^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn / ^{56}Co, E=140-500 MeV; Ni(p, X)^{46}Sc / ^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Co / ^{56}Ni / ^{57}Ni / ^{59}Fe, E=140-500 MeV; measured σ. Thin-target activation, comparison with previous results. JOUR NIMBE 251 1
	2006TA21	NUCLEAR REACTIONS Cu(d, X)^{62}Zn / ^{63}Zn / ^{65}Zn / ^{64}Cu / ^{57}Ni / ^{65}Ni / ^{57}Co / ^{58}Co / ^{60}Co / ^{59}Fe, E ≈ 3-50 MeV; measured excitation functions; deduced thick-target yields. Stacked-foil activation technique. JOUR NIMBE 251 56
^{58}Ni	2006SA26	NUCLEAR REACTIONS ^{58}Ni(α, α'), (α, nα), (α, pα), E=136 MeV; measured Eγ, Eα, γγ-, αγ-coin. ^{57}Co, ^{57,58}Ni deduced transitions. JOUR NIMAE 564 267

A=59

^{59}Fe	2006SI27	NUCLEAR REACTIONS Fe(p, X)^{46}Sc / ^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn / ^{56}Co, E=140-500 MeV; Ni(p, X)^{46}Sc / ^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Co / ^{56}Ni / ^{57}Ni / ^{59}Fe, E=140-500 MeV; measured σ. Thin-target activation, comparison with previous results. JOUR NIMBE 251 1
	2006TA21	NUCLEAR REACTIONS Cu(d, X)^{62}Zn / ^{63}Zn / ^{65}Zn / ^{64}Cu / ^{57}Ni / ^{65}Ni / ^{57}Co / ^{58}Co / ^{60}Co / ^{59}Fe, E ≈ 3-50 MeV; measured excitation functions; deduced thick-target yields. Stacked-foil activation technique. JOUR NIMBE 251 56

A=60

^{60}Cr	2006TAZY	NUCLEAR REACTIONS ^{1}H(^{60}Cr, ^{60}Cr'), (^{62}Cr, ^{62}Cr'), E not given; measured Eγ, Iγ. ^{60,62}Cr deduced transitions. REPT RIKEN 2005 Annual,P71,Takeshita

A=60 *(continued)*

^{60}Co	2006SI27	NUCLEAR REACTIONS Fe(p, X)^{46}Sc / ^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn / ^{56}Co, E=140-500 MeV; Ni(p, X)^{46}Sc / ^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Co / ^{56}Ni / ^{57}Ni / ^{59}Fe, E=140-500 MeV; measured σ. Thin-target activation, comparison with previous results. JOUR NIMBE 251 1
	2006TA21	NUCLEAR REACTIONS Cu(d, X)^{62}Zn / ^{63}Zn / ^{65}Zn / ^{64}Cu / ^{57}Ni / ^{65}Ni / ^{57}Co / ^{58}Co / ^{60}Co / ^{59}Fe, E $\approx$ 3-50 MeV; measured excitation functions; deduced thick-target yields. Stacked-foil activation technique. JOUR NIMBE 251 56

A=61

^{61}Cu	2006AB30	NUCLEAR REACTIONS ^{64,66,67}Zn(d, X)^{64}Cu / ^{61}Cu / ^{65}Zn / ^{69m}Zn / ^{66}Ga / ^{67}Ga, E=19.5; measured thick target yields. Zn(d, X)^{64}Cu / ^{61}Cu / ^{67}Cu / ^{65}Zn / ^{69m}Zn / ^{67}Ga, E=10-19.5 MeV; calculated thick target yields. JOUR ARISE 64 1001
	2006AB30	RADIOACTIVITY ^{61,64}Cu, ^{66}Ga, ^{69m}Zn [from Zn(d, X)]; measured $T_{1/2}$. JOUR ARISE 64 1001

A=62

^{62}Cr	2006TAZY	NUCLEAR REACTIONS ^{1}H(^{60}Cr, ^{60}Cr'), (^{62}Cr, ^{62}Cr'), E not given; measured Eγ, Iγ. ^{60,62}Cr deduced transitions. REPT RIKEN 2005 Annual,P71,Takeshita
^{62}Zn	2006HY02	RADIOACTIVITY ^{62}Ga(β^+) [from Zr(p, X)]; measured Eγ, Iγ, $\beta\gamma$-coin; deduced superallowed Fermi branching ratio, ft. ^{62}Zn deduced levels, J, π. Comparison with model predictions. JOUR PRLTA 97 102501
	2006TA21	NUCLEAR REACTIONS Cu(d, X)^{62}Zn / ^{63}Zn / ^{65}Zn / ^{64}Cu / ^{57}Ni / ^{65}Ni / ^{57}Co / ^{58}Co / ^{60}Co / ^{59}Fe, E $\approx$ 3-50 MeV; measured excitation functions; deduced thick-target yields. Stacked-foil activation technique. JOUR NIMBE 251 56
^{62}Ga	2006HY02	RADIOACTIVITY ^{62}Ga(β^+) [from Zr(p, X)]; measured Eγ, Iγ, $\beta\gamma$-coin; deduced superallowed Fermi branching ratio, ft. ^{62}Zn deduced levels, J, π. Comparison with model predictions. JOUR PRLTA 97 102501

A=63

^{63}Zn	2006TA21	NUCLEAR REACTIONS Cu(d, X)^{62}Zn / ^{63}Zn / ^{65}Zn / ^{64}Cu / ^{57}Ni / ^{65}Ni / ^{57}Co / ^{58}Co / ^{60}Co / ^{59}Fe, E $\approx$ 3-50 MeV; measured excitation functions; deduced thick-target yields. Stacked-foil activation technique. JOUR NIMBE 251 56

A=64

^{64}Co	2006POZY	NUCLEAR REACTIONS ^{64}Ni(d, 2p), E=171 MeV; measured particle spectra; σ(E, θ). ^{64}Co deduced levels, B(GT). Comparison with previous results, model predictions. PREPRINT Popescu,8/17/2006
^{64}Ni	2006WI12	RADIOACTIVITY ^{116}Cd, ^{130}Te($2\beta^-$); ^{64}Zn, ^{120}Te(β^+EC), (2EC); measured $0\nu2\beta\beta$-decay $T_{1/2}$ lower limits. CdZnTe semiconductor detectors. JOUR CZYPA 56 543
^{64}Cu	2006AB30	NUCLEAR REACTIONS ^{64,66,67}Zn(d, X)^{64}Cu / ^{61}Cu / ^{65}Zn / ^{69m}Zn / ^{66}Ga / ^{67}Ga, E=19.5; measured thick target yields. Zn(d, X)^{64}Cu / ^{61}Cu / ^{67}Cu / ^{65}Zn / ^{69m}Zn / ^{67}Ga, E=10-19.5 MeV; calculated thick target yields. JOUR ARISE 64 1001
	2006AB30	RADIOACTIVITY ^{61,64}Cu, ^{66}Ga, ^{69m}Zn [from Zn(d, X)]; measured $T_{1/2}$. JOUR ARISE 64 1001
	2006TA21	NUCLEAR REACTIONS Cu(d, X)^{62}Zn / ^{63}Zn / ^{65}Zn / ^{64}Cu / ^{57}Ni / ^{65}Ni / ^{57}Co / ^{58}Co / ^{60}Co / ^{59}Fe, E $\approx$ 3-50 MeV; measured excitation functions; deduced thick-target yields. Stacked-foil activation technique. JOUR NIMBE 251 56
^{64}Zn	2006WI12	RADIOACTIVITY ^{116}Cd, ^{130}Te($2\beta^-$); ^{64}Zn, ^{120}Te(β^+EC), (2EC); measured $0\nu2\beta\beta$-decay $T_{1/2}$ lower limits. CdZnTe semiconductor detectors. JOUR CZYPA 56 543

A=65

^{65}Ni	2006TA21	NUCLEAR REACTIONS Cu(d, X)^{62}Zn / ^{63}Zn / ^{65}Zn / ^{64}Cu / ^{57}Ni / ^{65}Ni / ^{57}Co / ^{58}Co / ^{60}Co / ^{59}Fe, E $\approx$ 3-50 MeV; measured excitation functions; deduced thick-target yields. Stacked-foil activation technique. JOUR NIMBE 251 56
^{65}Cu	2006KO31	RADIOACTIVITY ^{65}Zn(EC), (β^+); measured Eγ, Iγ, $\beta\gamma$-coin, $T_{1/2}$; deduced photon emission probabilities. JOUR ARISE 64 1420
^{65}Zn	2006AB30	NUCLEAR REACTIONS ^{64,66,67}Zn(d, X)^{64}Cu / ^{61}Cu / ^{65}Zn / ^{69m}Zn / ^{66}Ga / ^{67}Ga, E=19.5; measured thick target yields. Zn(d, X)^{64}Cu / ^{61}Cu / ^{67}Cu / ^{65}Zn / ^{69m}Zn / ^{67}Ga, E=10-19.5 MeV; calculated thick target yields. JOUR ARISE 64 1001
	2006KO31	RADIOACTIVITY ^{65}Zn(EC), (β^+); measured Eγ, Iγ, $\beta\gamma$-coin, $T_{1/2}$; deduced photon emission probabilities. JOUR ARISE 64 1420
	2006TA21	NUCLEAR REACTIONS Cu(d, X)^{62}Zn / ^{63}Zn / ^{65}Zn / ^{64}Cu / ^{57}Ni / ^{65}Ni / ^{57}Co / ^{58}Co / ^{60}Co / ^{59}Fe, E $\approx$ 3-50 MeV; measured excitation functions; deduced thick-target yields. Stacked-foil activation technique. JOUR NIMBE 251 56

A=66

^{66}Zn	2006LE24	NUCLEAR REACTIONS C(^{66}Zn, ^{66}Zn'), E=180 MeV; measured Eγ, Iγ(θ, H, t), DSA, (recoil)γ-coin following projectile Coulomb excitation. ^{66}Zn levels deduced $T_{1/2}$, B(E2), g factors. Comparison with neighboring isotopes, shell-model calculations. JOUR PRVCA 73 064305

A=66 *(continued)*

^{66}Ga	2006AB30	NUCLEAR REACTIONS ^{64,66,67}Zn(d, X)^{64}Cu / ^{61}Cu / ^{65}Zn / ^{69m}Zn / ^{66}Ga / ^{67}Ga, E=19.5; measured thick target yields. Zn(d, X)^{64}Cu / ^{61}Cu / ^{67}Cu / ^{65}Zn / ^{69m}Zn / ^{67}Ga, E=10-19.5 MeV; calculated thick target yields. JOUR ARISE 64 1001
	2006AB30	RADIOACTIVITY ^{61,64}Cu, ^{66}Ga, ^{69m}Zn [from Zn(d, X)]; measured $T_{1/2}$. JOUR ARISE 64 1001
	2006SO07	NUCLEAR REACTIONS ^{66}Zn(^{16}O, xnyp)^{78}Rb / ^{79}Rb / ^{75}Br / ^{76}Br / ^{77}Br / ^{76}Kr / ^{77}Kr / ^{73}Se / ^{67}Ge / ^{69}Ge / ^{66}Ga / ^{67}Ga, E ≈ 60-95 MeV; ^{45}Sc(^{37}Cl, xnyp)^{78}Rb / ^{79}Rb / ^{75}Br / ^{76}Br / ^{77}Br / ^{76}Kr / ^{77}Kr / ^{48}V / ^{44}Sc / ^{47}Sc, E ≈ 100-125 MeV; measured excitation functions; deduced entrance channel effects, other reaction mechanism features. JOUR PRAMC 66 985

A=67

^{67}Cu	2006AB30	NUCLEAR REACTIONS ^{64,66,67}Zn(d, X)^{64}Cu / ^{61}Cu / ^{65}Zn / ^{69m}Zn / ^{66}Ga / ^{67}Ga, E=19.5; measured thick target yields. Zn(d, X)^{64}Cu / ^{61}Cu / ^{67}Cu / ^{65}Zn / ^{69m}Zn / ^{67}Ga, E=10-19.5 MeV; calculated thick target yields. JOUR ARISE 64 1001
^{67}Ga	2006AB30	NUCLEAR REACTIONS ^{64,66,67}Zn(d, X)^{64}Cu / ^{61}Cu / ^{65}Zn / ^{69m}Zn / ^{66}Ga / ^{67}Ga, E=19.5; measured thick target yields. Zn(d, X)^{64}Cu / ^{61}Cu / ^{67}Cu / ^{65}Zn / ^{69m}Zn / ^{67}Ga, E=10-19.5 MeV; calculated thick target yields. JOUR ARISE 64 1001
	2006SO07	NUCLEAR REACTIONS ^{66}Zn(^{16}O, xnyp)^{78}Rb / ^{79}Rb / ^{75}Br / ^{76}Br / ^{77}Br / ^{76}Kr / ^{77}Kr / ^{73}Se / ^{67}Ge / ^{69}Ge / ^{66}Ga / ^{67}Ga, E ≈ 60-95 MeV; ^{45}Sc(^{37}Cl, xnyp)^{78}Rb / ^{79}Rb / ^{75}Br / ^{76}Br / ^{77}Br / ^{76}Kr / ^{77}Kr / ^{48}V / ^{44}Sc / ^{47}Sc, E ≈ 100-125 MeV; measured excitation functions; deduced entrance channel effects, other reaction mechanism features. JOUR PRAMC 66 985
^{67}Ge	2006SO07	NUCLEAR REACTIONS ^{66}Zn(^{16}O, xnyp)^{78}Rb / ^{79}Rb / ^{75}Br / ^{76}Br / ^{77}Br / ^{76}Kr / ^{77}Kr / ^{73}Se / ^{67}Ge / ^{69}Ge / ^{66}Ga / ^{67}Ga, E ≈ 60-95 MeV; ^{45}Sc(^{37}Cl, xnyp)^{78}Rb / ^{79}Rb / ^{75}Br / ^{76}Br / ^{77}Br / ^{76}Kr / ^{77}Kr / ^{48}V / ^{44}Sc / ^{47}Sc, E ≈ 100-125 MeV; measured excitation functions; deduced entrance channel effects, other reaction mechanism features. JOUR PRAMC 66 985

A=68

No references found

A=69

^{69}Zn	2006AB30	NUCLEAR REACTIONS ^{64,66,67}Zn(d, X)^{64}Cu / ^{61}Cu / ^{65}Zn / ^{69m}Zn / ^{66}Ga / ^{67}Ga, E=19.5; measured thick target yields. Zn(d, X)^{64}Cu / ^{61}Cu / ^{67}Cu / ^{65}Zn / ^{69m}Zn / ^{67}Ga, E=10-19.5 MeV; calculated thick target yields. JOUR ARISE 64 1001

A=69 *(continued)*

	2006AB30	RADIOACTIVITY ^{61,64}Cu, ^{66}Ga, ^{69m}Zn [from Zn(d, X)]; measured $T_{1/2}$. JOUR ARISE 64 1001
^{69}Ge	2006SO07	NUCLEAR REACTIONS ^{66}Zn(^{16}O, xnyp)^{78}Rb / ^{79}Rb / ^{75}Br / ^{76}Br / ^{77}Br / ^{76}Kr / ^{77}Kr / ^{73}Se / ^{67}Ge / ^{69}Ge / ^{66}Ga / ^{67}Ga, E ≈ 60-95 MeV; ^{45}Sc(^{37}Cl, xnyp)^{78}Rb / ^{79}Rb / ^{75}Br / ^{76}Br / ^{77}Br / ^{76}Kr / ^{77}Kr / ^{48}V / ^{44}Sc / ^{47}Sc, E ≈ 100-125 MeV; measured excitation functions; deduced entrance channel effects, other reaction mechanism features. JOUR PRAMC 66 985

A=70

^{70}Ge	2006LE31	NUCLEAR REACTIONS ^{12}C(^{66}Zn, 2α), (^{66}Zn, ^{66}Zn'), E=180 MeV; measured Eγ, Iγ(θ, H, t), $\alpha\gamma$-coin, DSA. ^{70}Ge deduced levels, J, π, $T_{1/2}$, B(E2), g factor. Comparison with previous results, model predictions. JOUR PRVCA 74 024315

A=71

No references found

A=72

No references found

A=73

^{73}Se	2006SO07	NUCLEAR REACTIONS ^{66}Zn(^{16}O, xnyp)^{78}Rb / ^{79}Rb / ^{75}Br / ^{76}Br / ^{77}Br / ^{76}Kr / ^{77}Kr / ^{73}Se / ^{67}Ge / ^{69}Ge / ^{66}Ga / ^{67}Ga, E ≈ 60-95 MeV; ^{45}Sc(^{37}Cl, xnyp)^{78}Rb / ^{79}Rb / ^{75}Br / ^{76}Br / ^{77}Br / ^{76}Kr / ^{77}Kr / ^{48}V / ^{44}Sc / ^{47}Sc, E ≈ 100-125 MeV; measured excitation functions; deduced entrance channel effects, other reaction mechanism features. JOUR PRAMC 66 985

A=74

^{74}Ni	2006KAZY	NUCLEAR REACTIONS ^{1}H(^{74}Ni, ^{74}Ni'), E not given; measured Eγ, Iγ, (particle)γ-coin. ^{74}Ni deduced transition. REPT RIKEN 2005 Annual,P72,Kanno
^{74}Kr	2006ST14	RADIOACTIVITY ^{74}Rb(β^+) [from ^{40}Ca(^{36}Ar, np)]; measured Eβ. JOUR NIMAE 565 630
^{74}Rb	2006ST14	NUCLEAR REACTIONS ^{40}Ca(^{36}Ar, np), E=103 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{74}Rb deduced transitions. Recoil-beta tagging, mass separator. JOUR NIMAE 565 630

A=74 *(continued)*

2006ST14 RADIOACTIVITY ^{74}Rb(β^+) [from ^{40}Ca(^{36}Ar, np)]; measured Eβ.
JOUR NIMAE 565 630

A=75

^{75}Br 2006SO07 NUCLEAR REACTIONS ^{66}Zn(^{16}O, xnyp)^{78}Rb / ^{79}Rb / ^{75}Br / ^{76}Br / ^{77}Br / ^{76}Kr / ^{77}Kr / ^{73}Se / ^{67}Ge / ^{69}Ge / ^{66}Ga / ^{67}Ga, E ≈ 60-95 MeV; ^{45}Sc(^{37}Cl, xnyp)^{78}Rb / ^{79}Rb / ^{75}Br / ^{76}Br / ^{77}Br / ^{76}Kr / ^{77}Kr / ^{48}V / ^{44}Sc / ^{47}Sc, E ≈ 100-125 MeV; measured excitation functions; deduced entrance channel effects, other reaction mechanism features.
JOUR PRAMC 66 985

A=76

^{76}As 2006TR05 NUCLEAR REACTIONS ^{181}Ta(^{20}Ne, F)^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Ru / ^{105}Rh / ^{117m}Sn / ^{120}Sb, E=150 MeV; ^{181}Ta(^{20}Ne, F)^{76}As / ^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{89}Zr / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Rh / ^{111}In / ^{117m}Sn / ^{118}Sb, E=180 MeV; measured fission fragment yields, angular distributions. ^{181}Ta(^{20}Ne, X)^{180}Os / ^{182}Os / ^{185}Os / ^{181}Re / ^{182}Re / ^{183}Re / ^{184}Ir / ^{186}Ir / ^{188}Pt / ^{189}Pt / ^{190}Hg / ^{191m}Hg / ^{192}Hg / ^{193m}Hg / ^{194m}Tl, E=150, 180 MeV; measured evaporation residue production σ, recoil range distributions.
JOUR PRVCA 74 014610

^{76}Br 2006SO07 NUCLEAR REACTIONS ^{66}Zn(^{16}O, xnyp)^{78}Rb / ^{79}Rb / ^{75}Br / ^{76}Br / ^{77}Br / ^{76}Kr / ^{77}Kr / ^{73}Se / ^{67}Ge / ^{69}Ge / ^{66}Ga / ^{67}Ga, E ≈ 60-95 MeV; ^{45}Sc(^{37}Cl, xnyp)^{78}Rb / ^{79}Rb / ^{75}Br / ^{76}Br / ^{77}Br / ^{76}Kr / ^{77}Kr / ^{48}V / ^{44}Sc / ^{47}Sc, E ≈ 100-125 MeV; measured excitation functions; deduced entrance channel effects, other reaction mechanism features.
JOUR PRAMC 66 985

^{76}Kr 2006SO07 NUCLEAR REACTIONS ^{66}Zn(^{16}O, xnyp)^{78}Rb / ^{79}Rb / ^{75}Br / ^{76}Br / ^{77}Br / ^{76}Kr / ^{77}Kr / ^{73}Se / ^{67}Ge / ^{69}Ge / ^{66}Ga / ^{67}Ga, E ≈ 60-95 MeV; ^{45}Sc(^{37}Cl, xnyp)^{78}Rb / ^{79}Rb / ^{75}Br / ^{76}Br / ^{77}Br / ^{76}Kr / ^{77}Kr / ^{48}V / ^{44}Sc / ^{47}Sc, E ≈ 100-125 MeV; measured excitation functions; deduced entrance channel effects, other reaction mechanism features.
JOUR PRAMC 66 985

A=77

^{77}Br 2006SO07 NUCLEAR REACTIONS ^{66}Zn(^{16}O, xnyp)^{78}Rb / ^{79}Rb / ^{75}Br / ^{76}Br / ^{77}Br / ^{76}Kr / ^{77}Kr / ^{73}Se / ^{67}Ge / ^{69}Ge / ^{66}Ga / ^{67}Ga, E ≈ 60-95 MeV; ^{45}Sc(^{37}Cl, xnyp)^{78}Rb / ^{79}Rb / ^{75}Br / ^{76}Br / ^{77}Br / ^{76}Kr / ^{77}Kr / ^{48}V / ^{44}Sc / ^{47}Sc, E ≈ 100-125 MeV; measured excitation functions; deduced entrance channel effects, other reaction mechanism features.
JOUR PRAMC 66 985

A=77 *(continued)*

^{77}Kr	2006SO07	NUCLEAR REACTIONS ^{66}Zn(^{16}O, xnyp)^{78}Rb / ^{79}Rb / ^{75}Br / ^{76}Br / ^{77}Br / ^{76}Kr / ^{77}Kr / ^{73}Se / ^{67}Ge / ^{69}Ge / ^{66}Ga / ^{67}Ga, E ≈ 60-95 MeV; ^{45}Sc(^{37}Cl, xnyp)^{78}Rb / ^{79}Rb / ^{75}Br / ^{76}Br / ^{77}Br / ^{76}Kr / ^{77}Kr / ^{48}V / ^{44}Sc / ^{47}Sc, E ≈ 100-125 MeV; measured excitation functions; deduced entrance channel effects, other reaction mechanism features. JOUR PRAMC 66 985

A=78

^{78}Rb	2006SO07	NUCLEAR REACTIONS ^{66}Zn(^{16}O, xnyp)^{78}Rb / ^{79}Rb / ^{75}Br / ^{76}Br / ^{77}Br / ^{76}Kr / ^{77}Kr / ^{73}Se / ^{67}Ge / ^{69}Ge / ^{66}Ga / ^{67}Ga, E ≈ 60-95 MeV; ^{45}Sc(^{37}Cl, xnyp)^{78}Rb / ^{79}Rb / ^{75}Br / ^{76}Br / ^{77}Br / ^{76}Kr / ^{77}Kr / ^{48}V / ^{44}Sc / ^{47}Sc, E ≈ 100-125 MeV; measured excitation functions; deduced entrance channel effects, other reaction mechanism features. JOUR PRAMC 66 985

A=79

^{79}Rb	2006SI26	NUCLEAR REACTIONS ^{63}Cu(^{19}F, 2np), E=60 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, DSA. ^{79}Rb deduced high-spin levels, $T_{1/2}$, transition quadrupole moments. Comparison with Total Routhian Surface calculations. INGA array. JOUR ZAANE 28 277
	2006SO07	NUCLEAR REACTIONS ^{66}Zn(^{16}O, xnyp)^{78}Rb / ^{79}Rb / ^{75}Br / ^{76}Br / ^{77}Br / ^{76}Kr / ^{77}Kr / ^{73}Se / ^{67}Ge / ^{69}Ge / ^{66}Ga / ^{67}Ga, E ≈ 60-95 MeV; ^{45}Sc(^{37}Cl, xnyp)^{78}Rb / ^{79}Rb / ^{75}Br / ^{76}Br / ^{77}Br / ^{76}Kr / ^{77}Kr / ^{48}V / ^{44}Sc / ^{47}Sc, E ≈ 100-125 MeV; measured excitation functions; deduced entrance channel effects, other reaction mechanism features. JOUR PRAMC 66 985

A=80

^{80}Br	2006SZ05	NUCLEAR REACTIONS F(n, X)^{20}F, E=cold; Na(n, X)^{24}Na, E=cold; Mn, Cl(n, X)^{38m}Cl / ^{38}Cl / ^{56}Mn, E=cold; Sc(n, X)^{46}Sc, E=cold; Br(n, X)^{80}Br / ^{82}Br, E=cold; I(n, X)^{127}I, E=cold; Hf(n, X)^{179m}Hf, E=cold; W(n, X)^{187}W, E=cold; Rb(n, X)^{86m}Rb / ^{88}Rb, E=cold; Ag(n, X)^{108}Ag / ^{110}Ag, E=cold; measured partial γ-ray production σ, k_0 factors. Chopped beam. JOUR NIMAE 564 655

A=81

No references found

A=82

^{82}Br 2006SZ05 NUCLEAR REACTIONS F(n, X)^{20}F, E=cold; Na(n, X)^{24}Na, E=cold; Mn, Cl(n, X)^{38m}Cl / ^{38}Cl / ^{56}Mn, E=cold; Sc(n, X)^{46}Sc, E=cold; Br(n, X)^{80}Br / ^{82}Br, E=cold; I(n, X)^{127}I, E=cold; Hf(n, X)^{179m}Hf, E=cold; W(n, X)^{187}W, E=cold; Rb(n, X)^{86m}Rb / ^{88}Rb, E=cold; Ag(n, X)^{108}Ag / ^{110}Ag, E=cold; measured partial γ-ray production σ, k_0 factors. Chopped beam. JOUR NIMAE 564 655

2006TR05 NUCLEAR REACTIONS ^{181}Ta(^{20}Ne, F)^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Ru / ^{105}Rh / ^{117m}Sn / ^{120}Sb, E=150 MeV; ^{181}Ta(^{20}Ne, F)^{76}As / ^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{89}Zr / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Rh / ^{111}In / ^{117m}Sn / ^{118}Sb, E=180 MeV; measured fission fragment yields, angular distributions. ^{181}Ta(^{20}Ne, X)^{180}Os / ^{182}Os / ^{185}Os / ^{181}Re / ^{182}Re / ^{183}Re / ^{184}Ir / ^{186}Ir / ^{188}Pt / ^{189}Pt / ^{190}Hg / ^{191m}Hg / ^{192}Hg / ^{193m}Hg / ^{194m}Tl, E=150, 180 MeV; measured evaporation residue production σ, recoil range distributions. JOUR PRVCA 74 014610

A=83

^{83}Ga 2006PE20 RADIOACTIVITY ^{83}Ga(β^-); ^{84}Ga(β^-n) [from ^{238}U(n, F), E=fast]; measured Eγ, Iγ, Eβ, Iβ, $\gamma\gamma$-coin, $\beta\gamma$-coin. ^{83}Ge deduced levels, J, π, transitions. Isotope separator. JOUR ZAANE 28 307

^{83}Ge 2006PE20 RADIOACTIVITY ^{83}Ga(β^-); ^{84}Ga(β^-n) [from ^{238}U(n, F), E=fast]; measured Eγ, Iγ, Eβ, Iβ, $\gamma\gamma$-coin, $\beta\gamma$-coin. ^{83}Ge deduced levels, J, π, transitions. Isotope separator. JOUR ZAANE 28 307

A=84

^{84}Ga 2006PE20 RADIOACTIVITY ^{83}Ga(β^-); ^{84}Ga(β^-n) [from ^{238}U(n, F), E=fast]; measured Eγ, Iγ, Eβ, Iβ, $\gamma\gamma$-coin, $\beta\gamma$-coin. ^{83}Ge deduced levels, J, π, transitions. Isotope separator. JOUR ZAANE 28 307

A=85

No references found

A=86

^{86}Rb 2006SZ05 NUCLEAR REACTIONS F(n, X)^{20}F, E=cold; Na(n, X)^{24}Na, E=cold; Mn, Cl(n, X)^{38m}Cl / ^{38}Cl / ^{56}Mn, E=cold; Sc(n, X)^{46}Sc, E=cold; Br(n, X)^{80}Br / ^{82}Br, E=cold; I(n, X)^{127}I, E=cold; Hf(n, X)^{179m}Hf, E=cold; W(n, X)^{187}W, E=cold; Rb(n, X)^{86m}Rb / ^{88}Rb, E=cold; Ag(n, X)^{108}Ag / ^{110}Ag, E=cold; measured partial γ-ray production σ, k_0 factors. Chopped beam. JOUR NIMAE 564 655

A=87

^{87}Br	2006PO09	NUCLEAR REACTIONS ^{208}Pb(^{18}O, X), E=85 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{87}Kr deduced high-spin levels, J, π, configurations. ^{87}Br deduced ground state J, π. Euroball IV array. JOUR ZAANE 28 153
	2006RO26	NUCLEAR REACTIONS ^{235}U, ^{239}Pu(n, F)^{87}Br / ^{88}Br / ^{89}Br / ^{91}Br / ^{93}Kr / ^{94}Rb / ^{95}Rb / ^{137}I / ^{138}I / ^{139}I / ^{140}I, E=thermal-1.2 MeV; measured cumulative fission yields, energy dependence features. JOUR PRVCA 74 014607
^{87}Kr	2006PO09	NUCLEAR REACTIONS ^{208}Pb(^{18}O, X), E=85 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{87}Kr deduced high-spin levels, J, π, configurations. ^{87}Br deduced ground state J, π. Euroball IV array. JOUR ZAANE 28 153
^{87}Sr	2006SA21	NUCLEAR MOMENTS ^{87}Sr; measured hfs; deduced quadrupole moment. JOUR PLRAA 73 062501
^{87}Y	2006TR05	NUCLEAR REACTIONS ^{181}Ta(^{20}Ne, F)^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Ru / ^{105}Rh / ^{117m}Sn / ^{120}Sb, E=150 MeV; ^{181}Ta(^{20}Ne, F)^{76}As / ^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{89}Zr / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Rh / ^{111}In / ^{117m}Sn / ^{118}Sb, E=180 MeV; measured fission fragment yields, angular distributions. ^{181}Ta(^{20}Ne, X)^{180}Os / ^{182}Os / ^{185}Os / ^{181}Re / ^{182}Re / ^{183}Re / ^{184}Ir / ^{186}Ir / ^{188}Pt / ^{189}Pt / ^{190}Hg / ^{191m}Hg / ^{192}Hg / ^{193m}Hg / ^{194m}Tl, E=150, 180 MeV; measured evaporation residue production σ, recoil range distributions. JOUR PRVCA 74 014610

A=88

^{88}Br	2006RO26	NUCLEAR REACTIONS ^{235}U, ^{239}Pu(n, F)^{87}Br / ^{88}Br / ^{89}Br / ^{91}Br / ^{93}Kr / ^{94}Rb / ^{95}Rb / ^{137}I / ^{138}I / ^{139}I / ^{140}I, E=thermal-1.2 MeV; measured cumulative fission yields, energy dependence features. JOUR PRVCA 74 014607
^{88}Rb	2006SZ05	NUCLEAR REACTIONS F(n, X)^{20}F, E=cold; Na(n, X)^{24}Na, E=cold; Mn, Cl(n, X)^{38m}Cl / ^{38}Cl / ^{56}Mn, E=cold; Sc(n, X)^{46}Sc, E=cold; Br(n, X)^{80}Br / ^{82}Br, E=cold; I(n, X)^{127}I, E=cold; Hf(n, X)^{179m}Hf, E=cold; W(n, X)^{187}W, E=cold; Rb(n, X)^{86m}Rb / ^{88}Rb, E=cold; Ag(n, X)^{108}Ag / ^{110}Ag, E=cold; measured partial γ-ray production σ, k_0 factors. Chopped beam. JOUR NIMAE 564 655
	2006WAZZ	NUCLEAR REACTIONS ^{82}Se(^{17}N, 5nα), (^{17}N, 5npα), (^{17}N, 3n2α), E not given; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin. ^{90}Y deduced possible high-spin isomeric state. REPT RIKEN 2005 Annual,P75,Wakabayashi
^{88}Zr	2006ER06	NUCLEAR REACTIONS ^{197}Au, ^{100}Mo(γ, n), ^{92}Mo(γ, n), (γ, p), (γ, α), E $\approx$ 11.8-14 MeV bremsstrahlung; measured activation yields. JOUR ZAANE 27 s01 135

A=89

^{89}Br	2006RO26	NUCLEAR REACTIONS ^{235}U, ^{239}Pu(n, F)^{87}Br / ^{88}Br / ^{89}Br / ^{91}Br / ^{93}Kr / ^{94}Rb / ^{95}Rb / ^{137}I / ^{138}I / ^{139}I / ^{140}I, E=thermal-1.2 MeV; measured cumulative fission yields, energy dependence features. JOUR PRVCA 74 014607
^{89}Sr	2006WAZZ	NUCLEAR REACTIONS ^{82}Se(^{17}N, 5nα), (^{17}N, 5npα), (^{17}N, 3n2α), E not given; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin. ^{90}Y deduced possible high-spin isomeric state. REPT RIKEN 2005 Annual,P75,Wakabayashi
^{89}Zr	2006TR05	NUCLEAR REACTIONS ^{181}Ta(^{20}Ne, F)^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Ru / ^{105}Rh / ^{117m}Sn / ^{120}Sb, E=150 MeV; ^{181}Ta(^{20}Ne, F)^{76}As / ^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{89}Zr / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Rh / ^{111}In / ^{117m}Sn / ^{118}Sb, E=180 MeV; measured fission fragment yields, angular distributions. ^{181}Ta(^{20}Ne, X)^{180}Os / ^{182}Os / ^{185}Os / ^{181}Re / ^{182}Re / ^{183}Re / ^{184}Ir / ^{186}Ir / ^{188}Pt / ^{189}Pt / ^{190}Hg / ^{191m}Hg / ^{192}Hg / ^{193m}Hg / ^{194m}Tl, E=150, 180 MeV; measured evaporation residue production σ, recoil range distributions. JOUR PRVCA 74 014610

A=90

^{90}Y	2006TR05	NUCLEAR REACTIONS ^{181}Ta(^{20}Ne, F)^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Ru / ^{105}Rh / ^{117m}Sn / ^{120}Sb, E=150 MeV; ^{181}Ta(^{20}Ne, F)^{76}As / ^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{89}Zr / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Rh / ^{111}In / ^{117m}Sn / ^{118}Sb, E=180 MeV; measured fission fragment yields, angular distributions. ^{181}Ta(^{20}Ne, X)^{180}Os / ^{182}Os / ^{185}Os / ^{181}Re / ^{182}Re / ^{183}Re / ^{184}Ir / ^{186}Ir / ^{188}Pt / ^{189}Pt / ^{190}Hg / ^{191m}Hg / ^{192}Hg / ^{193m}Hg / ^{194m}Tl, E=150, 180 MeV; measured evaporation residue production σ, recoil range distributions. JOUR PRVCA 74 014610
	2006WAZZ	NUCLEAR REACTIONS ^{82}Se(^{17}N, 5nα), (^{17}N, 5npα), (^{17}N, 3n2α), E not given; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin. ^{90}Y deduced possible high-spin isomeric state. REPT RIKEN 2005 Annual,P75,Wakabayashi
^{90}Zr	2006HUZY	NUCLEAR REACTIONS ^{90}Zr, ^{208}Pb(α, α'p), E=200 MeV; measured Ep. ^{90}Zr deduced isoscalar GDR proton decay features. REPT ATOMKI 2005 Annual,P21,Hunyadi

A=91

^{91}Br	2006RO26	NUCLEAR REACTIONS ^{235}U, ^{239}Pu(n, F)^{87}Br / ^{88}Br / ^{89}Br / ^{91}Br / ^{93}Kr / ^{94}Rb / ^{95}Rb / ^{137}I / ^{138}I / ^{139}I / ^{140}I, E=thermal-1.2 MeV; measured cumulative fission yields, energy dependence features. JOUR PRVCA 74 014607

A=91 *(continued)*

^{91}Y	2006TR05	NUCLEAR REACTIONS ^{181}Ta(^{20}Ne, F)^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Ru / ^{105}Rh / ^{117m}Sn / ^{120}Sb, E=150 MeV; ^{181}Ta(^{20}Ne, F)^{76}As / ^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{89}Zr / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Rh / ^{111}In / ^{117m}Sn / ^{118}Sb, E=180 MeV; measured fission fragment yields, angular distributions. ^{181}Ta(^{20}Ne, X)^{180}Os / ^{182}Os / ^{185}Os / ^{181}Re / ^{182}Re / ^{183}Re / ^{184}Ir / ^{186}Ir / ^{188}Pt / ^{189}Pt / ^{190}Hg / ^{191m}Hg / ^{192}Hg / ^{193m}Hg / ^{194m}Tl, E=150, 180 MeV; measured evaporation residue production σ, recoil range distributions. JOUR PRVCA 74 014610
^{91}Nb	2006ER06	NUCLEAR REACTIONS ^{197}Au, ^{100}Mo(γ, n), ^{92}Mo(γ, n), (γ, p), (γ, α), E $\approx$ 11.8-14 MeV bremsstrahlung; measured activation yields. JOUR ZAANE 27 s01 135
^{91}Mo	2006ER06	NUCLEAR REACTIONS ^{197}Au, ^{100}Mo(γ, n), ^{92}Mo(γ, n), (γ, p), (γ, α), E $\approx$ 11.8-14 MeV bremsstrahlung; measured activation yields. JOUR ZAANE 27 s01 135
	2006RU11	NUCLEAR REACTIONS ^{92,98,100}Mo(γ, γ'), E=14 MeV bremsstrahlung; measured Eγ, Iγ. ^{91,98,100}Mo deduced dipole strength functions. JOUR ZAANE 27 s01 171

A=92

^{92}Rb	2006LH01	RADIOACTIVITY ^{92,94}Rb, ^{92,94}Sr(β^-) [from ^{238}U(p, F)]; measured Eγ, Iγ; deduced absolute branching intensities. JOUR PRVCA 74 017308
^{92}Sr	2006LH01	RADIOACTIVITY ^{92,94}Rb, ^{92,94}Sr(β^-) [from ^{238}U(p, F)]; measured Eγ, Iγ; deduced absolute branching intensities. JOUR PRVCA 74 017308
^{92}Y	2006LH01	RADIOACTIVITY ^{92,94}Rb, ^{92,94}Sr(β^-) [from ^{238}U(p, F)]; measured Eγ, Iγ; deduced absolute branching intensities. JOUR PRVCA 74 017308
^{92}Mo	2006RU11	NUCLEAR REACTIONS ^{92,98,100}Mo(γ, γ'), E=14 MeV bremsstrahlung; measured Eγ, Iγ. ^{91,98,100}Mo deduced dipole strength functions. JOUR ZAANE 27 s01 171

A=93

^{93}Kr	2006RO26	NUCLEAR REACTIONS ^{235}U, ^{239}Pu(n, F)^{87}Br / ^{88}Br / ^{89}Br / ^{91}Br / ^{93}Kr / ^{94}Rb / ^{95}Rb / ^{137}I / ^{138}I / ^{139}I / ^{140}I, E=thermal-1.2 MeV; measured cumulative fission yields, energy dependence features. JOUR PRVCA 74 014607
^{93}Nb	2006OR09	NUCLEAR REACTIONS ^{93}Nb(n, n'), E=1.5-3 MeV; ^{94}Zr(p, 2n), E=11.5-19 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, DSA. ^{93}Nb deduced levels J, π, configurations, $T_{1/2}$, B(M1), B(E2). Comparison with shell model predictions. JOUR PRLTA 97 062504

A=93 *(continued)*

	2006ORZZ	NUCLEAR REACTIONS ^{93}Nb(n, n'), E=1.5-3 MeV; ^{94}Zr(p, 2n), E=11.5-19 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, DSA, excitation functions. ^{93}Nb deduced levels, J, π, $T_{1/2}$, mixed-symmetry states. PREPRINT nucl-ex/0607026,7/24/2006

A=94

^{94}Rb	2006LH01	RADIOACTIVITY ^{92,94}Rb, ^{92,94}Sr(β^-) [from ^{238}U(p, F)]; measured Eγ, Iγ; deduced absolute branching intensities. JOUR PRVCA 74 017308
	2006RO26	NUCLEAR REACTIONS ^{235}U, ^{239}Pu(n, F)^{87}Br / ^{88}Br / ^{89}Br / ^{91}Br / ^{93}Kr / ^{94}Rb / ^{95}Rb / ^{137}I / ^{138}I / ^{139}I / ^{140}I, E=thermal-1.2 MeV; measured cumulative fission yields, energy dependence features. JOUR PRVCA 74 014607
^{94}Sr	2006LH01	RADIOACTIVITY ^{92,94}Rb, ^{92,94}Sr(β^-) [from ^{238}U(p, F)]; measured Eγ, Iγ; deduced absolute branching intensities. JOUR PRVCA 74 017308
^{94}Y	2006LH01	RADIOACTIVITY ^{92,94}Rb, ^{92,94}Sr(β^-) [from ^{238}U(p, F)]; measured Eγ, Iγ; deduced absolute branching intensities. JOUR PRVCA 74 017308
^{94}Ru	2006BA55	RADIOACTIVITY ^{94}Pd, ^{94m}Rh(β^+), (EC) [from ^{58}Ni(^{40}Ca, 2n2p) and subsequent decay]; measured Eγ, Eβ, $\gamma\gamma$-, $\beta\gamma$-coin, $T_{1/2}$; deduced Q(EC), Gamow-Teller strength distributions. Total absorption spectrometer. JOUR ZAANE 29 175
^{94}Rh	2006BA55	RADIOACTIVITY ^{94}Pd, ^{94m}Rh(β^+), (EC) [from ^{58}Ni(^{40}Ca, 2n2p) and subsequent decay]; measured Eγ, Eβ, $\gamma\gamma$-, $\beta\gamma$-coin, $T_{1/2}$; deduced Q(EC), Gamow-Teller strength distributions. Total absorption spectrometer. JOUR ZAANE 29 175
^{94}Pd	2006BA55	RADIOACTIVITY ^{94}Pd, ^{94m}Rh(β^+), (EC) [from ^{58}Ni(^{40}Ca, 2n2p) and subsequent decay]; measured Eγ, Eβ, $\gamma\gamma$-, $\beta\gamma$-coin, $T_{1/2}$; deduced Q(EC), Gamow-Teller strength distributions. Total absorption spectrometer. JOUR ZAANE 29 175

A=95

^{95}Rb	2006RO26	NUCLEAR REACTIONS ^{235}U, ^{239}Pu(n, F)^{87}Br / ^{88}Br / ^{89}Br / ^{91}Br / ^{93}Kr / ^{94}Rb / ^{95}Rb / ^{137}I / ^{138}I / ^{139}I / ^{140}I, E=thermal-1.2 MeV; measured cumulative fission yields, energy dependence features. JOUR PRVCA 74 014607

A=96

^{96}Nb	2006TR05	NUCLEAR REACTIONS ^{181}Ta(^{20}Ne, F)^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Ru / ^{105}Rh / ^{117m}Sn / ^{120}Sb, E=150 MeV; ^{181}Ta(^{20}Ne, F)^{76}As / ^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{89}Zr / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Rh / ^{111}In / ^{117m}Sn / ^{118}Sb, E=180 MeV; measured fission fragment yields, angular distributions. ^{181}Ta(^{20}Ne, X)^{180}Os / ^{182}Os / ^{185}Os / ^{181}Re / ^{182}Re / ^{183}Re / ^{184}Ir / ^{186}Ir / ^{188}Pt / ^{189}Pt / ^{190}Hg / ^{191m}Hg / ^{192}Hg / ^{193m}Hg / ^{194m}Tl, E=150, 180 MeV; measured evaporation residue production σ, recoil range distributions. JOUR PRVCA 74 014610

A=97

No references found

A=98

^{98}Mo	2006RU11	NUCLEAR REACTIONS ^{92,98,100}Mo(γ, γ'), E=14 MeV bremsstrahlung; measured Eγ, Iγ. ^{91,98,100}Mo deduced dipole strength functions. JOUR ZAANE 27 s01 171
^{98}Ru	2006WI15	NUCLEAR REACTIONS ^{27}Al(^{98}Ru, ^{98}Ru'), E=289 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin following projectile Coulomb excitation. ^{98}Ru deduced transitions B(E2). ^{122}Sn(^{62}Ni, 4n), E=265 MeV; measured Doppler-shifted Eγ, Iγ, $\gamma\gamma$-coin. ^{180}Pt deduced transitions $T_{1/2}$, B(E2). Comparison with previous results, model predictions. JOUR PRVCA 74 024302

A=99

^{99}Mo	2005KHZV	NUCLEAR REACTIONS ^{100}Mo(γ, n), E=22 MeV bremsstrahlung; ^{48,49}Ti(γ, p), E=22 MeV bremsstrahlung; measured σ. Activation technique, comparison with model predictions. CONF Ulaanbaatar (ISCP-III) Proc,P97,Khuukhenkhuu
	2006ER06	NUCLEAR REACTIONS ^{197}Au, ^{100}Mo(γ, n), ^{92}Mo(γ, n), (γ, p), (γ, α), E $\approx$ 11.8-14 MeV bremsstrahlung; measured activation yields. JOUR ZAANE 27 s01 135
	2006TR05	NUCLEAR REACTIONS ^{181}Ta(^{20}Ne, F)^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Ru / ^{105}Rh / ^{117m}Sn / ^{120}Sb, E=150 MeV; ^{181}Ta(^{20}Ne, F)^{76}As / ^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{89}Zr / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Rh / ^{111}In / ^{117m}Sn / ^{118}Sb, E=180 MeV; measured fission fragment yields, angular distributions. ^{181}Ta(^{20}Ne, X)^{180}Os / ^{182}Os / ^{185}Os / ^{181}Re / ^{182}Re / ^{183}Re / ^{184}Ir / ^{186}Ir / ^{188}Pt / ^{189}Pt / ^{190}Hg / ^{191m}Hg / ^{192}Hg / ^{193m}Hg / ^{194m}Tl, E=150, 180 MeV; measured evaporation residue production σ, recoil range distributions. JOUR PRVCA 74 014610
^{99}Tc	2006CA25	RADIOACTIVITY ^{99m}Tc(IT), (β^-); measured $T_{1/2}$. JOUR ARISE 64 1425

A=99 *(continued)*

^{99}Ru	2006CA25	RADIOACTIVITY ^{99m}Tc(IT), (β^-); measured $T_{1/2}$. JOUR ARISE 64 1425

A=100

^{100}Zr	2006HW04	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{100}Zr deduced high-spin levels, J, π. Gammasphere array. JOUR PRVCA 74 017303
^{100}Mo	2006RU11	NUCLEAR REACTIONS ^{92,98,100}Mo(γ, γ'), E=14 MeV bremsstrahlung; measured Eγ, Iγ. ^{91,98,100}Mo deduced dipole strength functions. JOUR ZAANE 27 s01 171

A=101

^{101}Sn	2006LI41	RADIOACTIVITY ^{109}Xe, ^{105}Te(α) [from ^{54}Fe(^{58}Ni, 3n) and subsequent decay]; measured Eα, $T_{1/2}$. ^{109}Xe, ^{105}Te, ^{101}Sn deduced levels, J, π. JOUR PRLTA 97 082501
	2006SE08	RADIOACTIVITY ^{105}Te(α) [from ^{50}Cr(^{58}Ni, 3n)]; measured Qα, $T_{1/2}$. Comparison with neighboring isotopes, model predictions. JOUR PRVCA 73 061301

A=102

No references found

A=103

^{103}Ru	2006TR05	NUCLEAR REACTIONS ^{181}Ta(^{20}Ne, F)^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Ru / ^{105}Rh / ^{117m}Sn / ^{120}Sb, E=150 MeV; ^{181}Ta(^{20}Ne, F)^{76}As / ^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{89}Zr / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Rh / ^{111}In / ^{117m}Sn / ^{118}Sb, E=180 MeV; measured fission fragment yields, angular distributions. ^{181}Ta(^{20}Ne, X)^{180}Os / ^{182}Os / ^{185}Os / ^{181}Re / ^{182}Re / ^{183}Re / ^{184}Ir / ^{186}Ir / ^{188}Pt / ^{189}Pt / ^{190}Hg / ^{191m}Hg / ^{192}Hg / ^{193m}Hg / ^{194m}Tl, E=150, 180 MeV; measured evaporation residue production σ, recoil range distributions. JOUR PRVCA 74 014610

A=104

^{104}Mo	2006JO05	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{104,106,108}Mo deduced levels, J, π, configurations, collective bands features. ^{106}Mo deduced possible chiral doublet bands. Gammasphere array. JOUR PANUE 69 1198

A=104 *(continued)*

^{104}Cd	2006KA44	RADIOACTIVITY ^{105}Sn(β^+), (EC), (β^+p) [from ^{50}Cr(^{58}Ni, n2p)]; measured Eγ, Eβ, Ep, $\beta\gamma$-, βp-coin, $T_{1/2}$; deduced branching ratios. ^{105}In deduced isomer feeding intensity, transition ICC. Total absorption spectrometer. JOUR ZAANE 29 183

A=105

^{105}Ru	2006TR05	NUCLEAR REACTIONS ^{181}Ta(^{20}Ne, F)^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Ru / ^{105}Rh / ^{117m}Sn / ^{120}Sb, E=150 MeV; ^{181}Ta(^{20}Ne, F)^{76}As / ^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{89}Zr / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Rh / ^{111}In / ^{117m}Sn / ^{118}Sb, E=180 MeV; measured fission fragment yields, angular distributions. ^{181}Ta(^{20}Ne, X)^{180}Os / ^{182}Os / ^{185}Os / ^{181}Re / ^{182}Re / ^{183}Re / ^{184}Ir / ^{186}Ir / ^{188}Pt / ^{189}Pt / ^{190}Hg / ^{191m}Hg / ^{192}Hg / ^{193m}Hg / ^{194m}Tl, E=150, 180 MeV; measured evaporation residue production σ, recoil range distributions. JOUR PRVCA 74 014610
^{105}Rh	2006TR05	NUCLEAR REACTIONS ^{181}Ta(^{20}Ne, F)^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Ru / ^{105}Rh / ^{117m}Sn / ^{120}Sb, E=150 MeV; ^{181}Ta(^{20}Ne, F)^{76}As / ^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{89}Zr / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Rh / ^{111}In / ^{117m}Sn / ^{118}Sb, E=180 MeV; measured fission fragment yields, angular distributions. ^{181}Ta(^{20}Ne, X)^{180}Os / ^{182}Os / ^{185}Os / ^{181}Re / ^{182}Re / ^{183}Re / ^{184}Ir / ^{186}Ir / ^{188}Pt / ^{189}Pt / ^{190}Hg / ^{191m}Hg / ^{192}Hg / ^{193m}Hg / ^{194m}Tl, E=150, 180 MeV; measured evaporation residue production σ, recoil range distributions. JOUR PRVCA 74 014610
^{105}Ag	2006EG04	NUCLEAR REACTIONS ^{48}Ti, ^{76,77,78,80,82}Se, ^{106,110,111,112,114,116}Cd(μ^-, nν), E at rest; measured Eγ, Iγ; deduced muon capture rates. Comparison with model predictions, implications for 2β-decay matrix elements discussed. JOUR CZYPA 56 453
	2006UD01	NUCLEAR REACTIONS Ag(d, X)^{105}Ag / ^{106m}Ag / ^{110m}Ag / ^{107}Cd / ^{109}Cd, E ≈ 0.4-40 MeV; ^{27}Al(d, X)^{24}Na, E ≈ 14-40 MeV; measured excitation functions; deduced thick target integral yields. Stacked-foil activation technique. JOUR ARISE 64 1013
^{105}In	2006KA44	RADIOACTIVITY ^{105}Sn(β^+), (EC), (β^+p) [from ^{50}Cr(^{58}Ni, n2p)]; measured Eγ, Eβ, Ep, $\beta\gamma$-, βp-coin, $T_{1/2}$; deduced branching ratios. ^{105}In deduced isomer feeding intensity, transition ICC. Total absorption spectrometer. JOUR ZAANE 29 183
^{105}Sn	2006KA44	RADIOACTIVITY ^{105}Sn(β^+), (EC), (β^+p) [from ^{50}Cr(^{58}Ni, n2p)]; measured Eγ, Eβ, Ep, $\beta\gamma$-, βp-coin, $T_{1/2}$; deduced branching ratios. ^{105}In deduced isomer feeding intensity, transition ICC. Total absorption spectrometer. JOUR ZAANE 29 183
^{105}Te	2006LI41	RADIOACTIVITY ^{109}Xe, ^{105}Te(α) [from ^{54}Fe(^{58}Ni, 3n) and subsequent decay]; measured Eα, $T_{1/2}$. ^{109}Xe, ^{105}Te, ^{101}Sn deduced levels, J, π. JOUR PRLTA 97 082501
	2006SE08	RADIOACTIVITY ^{105}Te(α) [from ^{50}Cr(^{58}Ni, 3n)]; measured Qα, $T_{1/2}$. Comparison with neighboring isotopes, model predictions. JOUR PRVCA 73 061301

A=106

^{106}Mo	2006JO05	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{104,106,108}Mo deduced levels, J, π, configurations, collective bands features. ^{106}Mo deduced possible chiral doublet bands. Gammasphere array. JOUR PANUE 69 1198
^{106}Pd	2006ST11	RADIOACTIVITY ^{106}Cd(2EC); measured $2\nu\beta\beta$-decay $T_{1/2}$ lower limits for transitions to ground and excited states. JOUR CZYPA 56 505
^{106}Ag	2006UD01	NUCLEAR REACTIONS Ag(d, X)^{105}Ag / ^{106m}Ag / ^{110m}Ag / ^{107}Cd / ^{109}Cd, E $\approx$ 0.4-40 MeV; ^{27}Al(d, X)^{24}Na, E $\approx$ 14-40 MeV; measured excitation functions; deduced thick target integral yields. Stacked-foil activation technique. JOUR ARISE 64 1013
^{106}Cd	2006KI11	NUCLEAR REACTIONS ^{106}Cd(α, α), E(cm)=15.5, 17, 19 MeV; measured $\sigma(\theta)$; deduced optical model parameters. ^{106}Cd(α, γ), E(cm)=5-11 MeV; calculated astrophysical S-factors. JOUR ZAANE 27 s01 197
	2006ST11	RADIOACTIVITY ^{106}Cd(2EC); measured $2\nu\beta\beta$-decay $T_{1/2}$ lower limits for transitions to ground and excited states. JOUR CZYPA 56 505

A=107

^{107}Cd	2006UD01	NUCLEAR REACTIONS Ag(d, X)^{105}Ag / ^{106m}Ag / ^{110m}Ag / ^{107}Cd / ^{109}Cd, E $\approx$ 0.4-40 MeV; ^{27}Al(d, X)^{24}Na, E $\approx$ 14-40 MeV; measured excitation functions; deduced thick target integral yields. Stacked-foil activation technique. JOUR ARISE 64 1013
^{107}In	2006GY02	NUCLEAR REACTIONS ^{106,108}Cd(p, γ), E=2.4-4.8 MeV; measured σ; deduced astrophysical S-factors. Activation technique. JOUR ZAANE 27 s01 141
	2006GYZX	NUCLEAR REACTIONS ^{106,108}Cd(p, γ), E(cm)=2.4-4.8 MeV; measured σ; deduced astrophysical S-factors. Activation technique. REPT ATOMKI 2005 Annual,P16,Gyurky

A=108

^{108}Mo	2006JO05	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{104,106,108}Mo deduced levels, J, π, configurations, collective bands features. ^{106}Mo deduced possible chiral doublet bands. Gammasphere array. JOUR PANUE 69 1198
^{108}Ag	2006SZ05	NUCLEAR REACTIONS F(n, X)^{20}F, E=cold; Na(n, X)^{24}Na, E=cold; Mn, Cl(n, X)^{38m}Cl / ^{38}Cl / ^{56}Mn, E=cold; Sc(n, X)^{46}Sc, E=cold; Br(n, X)^{80}Br / ^{82}Br, E=cold; I(n, X)^{127}I, E=cold; Hf(n, X)^{179m}Hf, E=cold; W(n, X)^{187}W, E=cold; Rb(n, X)^{86m}Rb / ^{88}Rb, E=cold; Ag(n, X)^{108}Ag / ^{110}Ag, E=cold; measured partial γ-ray production σ, k_0 factors. Chopped beam. JOUR NIMAE 564 655

A=109

^{109}Ag	2006EG04	NUCLEAR REACTIONS ^{48}Ti, ^{76,77,78,80,82}Se, ^{106,110,111,112,114,116}Cd(μ^-, nν), E at rest; measured Eγ, Iγ; deduced muon capture rates. Comparison with model predictions, implications for 2β-decay matrix elements discussed. JOUR CZYPA 56 453
	2006KO27	RADIOACTIVITY ^{109}Cd(EC); measured conversion electron spectra; deduced photon emission probability. ^{109}Ag transition deduced ICC. JOUR ARISE 64 1031
^{109}Cd	2006KO27	RADIOACTIVITY ^{109}Cd(EC); measured conversion electron spectra; deduced photon emission probability. ^{109}Ag transition deduced ICC. JOUR ARISE 64 1031
	2006UD01	NUCLEAR REACTIONS Ag(d, X)^{105}Ag / ^{106m}Ag / ^{110m}Ag / ^{107}Cd / ^{109}Cd, E $\approx$ 0.4-40 MeV; ^{27}Al(d, X)^{24}Na, E $\approx$ 14-40 MeV; measured excitation functions; deduced thick target integral yields. Stacked-foil activation technique. JOUR ARISE 64 1013
^{109}In	2006GY01	NUCLEAR REACTIONS ^{106}Cd(α, γ), (α, n), (α, p), E $\approx$ 7.5-12.5 MeV; measured σ; deduced S-factors. Comparison with statistical model predictions. Astrophysical implications discussed. JOUR PRVCA 74 025805
	2006GY02	NUCLEAR REACTIONS ^{106,108}Cd(p, γ), E=2.4-4.8 MeV; measured σ; deduced astrophysical S-factors. Activation technique. JOUR ZAANE 27 s01 141
	2006GYZX	NUCLEAR REACTIONS ^{106,108}Cd(p, γ), E(cm)=2.4-4.8 MeV; measured σ; deduced astrophysical S-factors. Activation technique. REPT ATOMKI 2005 Annual,P16,Gyurky
^{109}Sn	2006GY01	NUCLEAR REACTIONS ^{106}Cd(α, γ), (α, n), (α, p), E $\approx$ 7.5-12.5 MeV; measured σ; deduced S-factors. Comparison with statistical model predictions. Astrophysical implications discussed. JOUR PRVCA 74 025805
^{109}Xe	2006LI41	RADIOACTIVITY ^{109}Xe, ^{105}Te(α) [from ^{54}Fe(^{58}Ni, 3n) and subsequent decay]; measured Eα, $T_{1/2}$. ^{109}Xe, ^{105}Te, ^{101}Sn deduced levels, J, π. JOUR PRLTA 97 082501

A=110

^{110}Tc	2006LU12	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{110,111}Tc deduced high-spin levels, J, π, configurations. Gammasphere array, cranking model calculations. Level systematics in neighboring nuclides discussed. JOUR PRVCA 74 024308
^{110}Ag	2006EG04	NUCLEAR REACTIONS ^{48}Ti, ^{76,77,78,80,82}Se, ^{106,110,111,112,114,116}Cd(μ^-, nν), E at rest; measured Eγ, Iγ; deduced muon capture rates. Comparison with model predictions, implications for 2β-decay matrix elements discussed. JOUR CZYPA 56 453
	2006SZ05	NUCLEAR REACTIONS F(n, X)^{20}F, E=cold; Na(n, X)^{24}Na, E=cold; Mn, Cl(n, X)^{38m}Cl / ^{38}Cl / ^{56}Mn, E=cold; Sc(n, X)^{46}Sc, E=cold; Br(n, X)^{80}Br / ^{82}Br, E=cold; I(n, X)^{127}I, E=cold; Hf(n, X)^{179m}Hf, E=cold; W(n, X)^{187}W, E=cold; Rb(n, X)^{86m}Rb / ^{88}Rb, E=cold; Ag(n, X)^{108}Ag / ^{110}Ag, E=cold; measured partial γ-ray production σ, k_0 factors. Chopped beam. JOUR NIMAE 564 655

A=110 *(continued)*

	2006UD01	NUCLEAR REACTIONS Ag(d, X)^{105}Ag / ^{106m}Ag / ^{110m}Ag / ^{107}Cd / ^{109}Cd, E ≈ 0.4-40 MeV; ^{27}Al(d, X)^{24}Na, E ≈ 14-40 MeV; measured excitation functions; deduced thick target integral yields. Stacked-foil activation technique. JOUR ARISE 64 1013
^{110}Sn	2006GY01	NUCLEAR REACTIONS ^{106}Cd(α, γ), (α, n), (α, p), E ≈ 7.5-12.5 MeV; measured σ; deduced S-factors. Comparison with statistical model predictions. Astrophysical implications discussed. JOUR PRVCA 74 025805
	2006KI11	NUCLEAR REACTIONS ^{106}Cd(α, α), E(cm)=15.5, 17, 19 MeV; measured $\sigma(\theta)$; deduced optical model parameters. ^{106}Cd(α, γ), E(cm)=5-11 MeV; calculated astrophysical S-factors. JOUR ZAANE 27 s01 197

A=111

^{111}Tc	2006LU12	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{110,111}Tc deduced high-spin levels, J, π, configurations. Gammasphere array, cranking model calculations. Level systematics in neighboring nuclides discussed. JOUR PRVCA 74 024308
^{111}Ag	2006EG04	NUCLEAR REACTIONS ^{48}Ti, ^{76,77,78,80,82}Se, ^{106,110,111,112,114,116}Cd(μ^-, nν), E at rest; measured Eγ, Iγ; deduced muon capture rates. Comparison with model predictions, implications for 2β-decay matrix elements discussed. JOUR CZYPA 56 453
^{111}In	2006TR05	NUCLEAR REACTIONS ^{181}Ta(^{20}Ne, F)^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Ru / ^{105}Rh / ^{117m}Sn / ^{120}Sb, E=150 MeV; ^{181}Ta(^{20}Ne, F)^{76}As / ^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{89}Zr / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Rh / ^{111}In / ^{117m}Sn / ^{118}Sb, E=180 MeV; measured fission fragment yields, angular distributions. ^{181}Ta(^{20}Ne, X)^{180}Os / ^{182}Os / ^{185}Os / ^{181}Re / ^{182}Re / ^{183}Re / ^{184}Ir / ^{186}Ir / ^{188}Pt / ^{189}Pt / ^{190}Hg / ^{191m}Hg / ^{192}Hg / ^{193m}Hg / ^{194m}Tl, E=150, 180 MeV; measured evaporation residue production σ, recoil range distributions. JOUR PRVCA 74 014610

A=112

^{112}Sn	2006FUZZ	NUCLEAR REACTIONS ^{89}Y, ^{92}Mo, ^{106}Cd, ^{112,124}Sn(α, α), E ≈ 13-20 MeV; measured elastic $\sigma(\theta)$. Optical model analysis. CONF Tokyo(OMEG05),P351,Fulop

A=113

^{113}Ag	2006EG04	NUCLEAR REACTIONS ^{48}Ti, ^{76,77,78,80,82}Se, ^{106,110,111,112,114,116}Cd(μ^-, nν), E at rest; measured Eγ, Iγ; deduced muon capture rates. Comparison with model predictions, implications for 2β-decay matrix elements discussed. JOUR CZYPA 56 453

A=114

^{114}Cs	2006SM02	NUCLEAR REACTIONS ^{58}Ni(^{58}Ni, np), E=230 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-, (recoil)γ-coin. ^{114}Cs deduced high-spin levels, J, π, configurations. Gammasphere, Microball arrays, level systematics in neighboring nuclides discussed. JOUR PRVCA 73 061303

A=115

^{115}Ag	2006EG04	NUCLEAR REACTIONS ^{48}Ti, ^{76,77,78,80,82}Se, ^{106,110,111,112,114,116}Cd(μ^-, nν), E at rest; measured Eγ, Iγ; deduced muon capture rates. Comparison with model predictions, implications for 2β-decay matrix elements discussed. JOUR CZYPA 56 453
^{115}In	2006BO15	NUCLEAR REACTIONS ^{115}In(γ, γ')^{115m}In, E=7-25 MeV; measured Eγ, Iγ, yield; deduced isomer production σ. JOUR UKPJA 51 657

A=116

^{116}Cd	2006WI12	RADIOACTIVITY ^{116}Cd, ^{130}Te(2β^-); ^{64}Zn, ^{120}Te(β^+EC), (2EC); measured 0ν2$\beta\beta$-decay $T_{1/2}$ lower limits. CdZnTe semiconductor detectors. JOUR CZYPA 56 543
^{116}Sn	2006WI12	RADIOACTIVITY ^{116}Cd, ^{130}Te(2β^-); ^{64}Zn, ^{120}Te(β^+EC), (2EC); measured 0ν2$\beta\beta$-decay $T_{1/2}$ lower limits. CdZnTe semiconductor detectors. JOUR CZYPA 56 543
^{116}Te	2006OZ05	NUCLEAR REACTIONS ^{112}Sn(α, γ), E=8-12 MeV; measured σ. Activation technique. JOUR ZAANE 27 s01 145

A=117

^{117}Sn	2006TR05	NUCLEAR REACTIONS ^{181}Ta(^{20}Ne, F)^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Ru / ^{105}Rh / ^{117m}Sn / ^{120}Sb, E=150 MeV; ^{181}Ta(^{20}Ne, F)^{76}As / ^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{89}Zr / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Rh / ^{111}In / ^{117m}Sn / ^{118}Sb, E=180 MeV; measured fission fragment yields, angular distributions. ^{181}Ta(^{20}Ne, X)^{180}Os / ^{182}Os / ^{185}Os / ^{181}Re / ^{182}Re / ^{183}Re / ^{184}Ir / ^{186}Ir / ^{188}Pt / ^{189}Pt / ^{190}Hg / ^{191m}Hg / ^{192}Hg / ^{193m}Hg / ^{194m}Tl, E=150, 180 MeV; measured evaporation residue production σ, recoil range distributions. JOUR PRVCA 74 014610

A=118

^{118}Sb	2006TR05	NUCLEAR REACTIONS ^{181}Ta(^{20}Ne, F)^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Ru / ^{105}Rh / ^{117m}Sn / ^{120}Sb, E=150 MeV; ^{181}Ta(^{20}Ne, F)^{76}As / ^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{89}Zr / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Rh / ^{111}In / ^{117m}Sn / ^{118}Sb, E=180 MeV; measured fission fragment yields, angular distributions. ^{181}Ta(^{20}Ne, X)^{180}Os / ^{182}Os / ^{185}Os / ^{181}Re / ^{182}Re / ^{183}Re / ^{184}Ir / ^{186}Ir / ^{188}Pt / ^{189}Pt / ^{190}Hg / ^{191m}Hg / ^{192}Hg / ^{193m}Hg / ^{194m}Tl, E=150, 180 MeV; measured evaporation residue production σ, recoil range distributions. JOUR PRVCA 74 014610

A=119

No references found

A=120

^{120}Sn	2006WI12	RADIOACTIVITY ^{116}Cd, ^{130}Te($2\beta^-$); ^{64}Zn, ^{120}Te(β^+EC), (2EC); measured $0\nu2\beta\beta$-decay $T_{1/2}$ lower limits. CdZnTe semiconductor detectors. JOUR CZYPA 56 543
^{120}Sb	2006TR05	NUCLEAR REACTIONS ^{181}Ta(^{20}Ne, F)^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Ru / ^{105}Rh / ^{117m}Sn / ^{120}Sb, E=150 MeV; ^{181}Ta(^{20}Ne, F)^{76}As / ^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{89}Zr / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Rh / ^{111}In / ^{117m}Sn / ^{118}Sb, E=180 MeV; measured fission fragment yields, angular distributions. ^{181}Ta(^{20}Ne, X)^{180}Os / ^{182}Os / ^{185}Os / ^{181}Re / ^{182}Re / ^{183}Re / ^{184}Ir / ^{186}Ir / ^{188}Pt / ^{189}Pt / ^{190}Hg / ^{191m}Hg / ^{192}Hg / ^{193m}Hg / ^{194m}Tl, E=150, 180 MeV; measured evaporation residue production σ, recoil range distributions. JOUR PRVCA 74 014610
^{120}Te	2006PH01	RADIOACTIVITY ^{120}Cs, ^{120}Xe, ^{120}I(β^+), (EC); measured Eγ, Iγ, $T_{1/2}$. JOUR PRVCA 74 027302
	2006WI12	RADIOACTIVITY ^{116}Cd, ^{130}Te($2\beta^-$); ^{64}Zn, ^{120}Te(β^+EC), (2EC); measured $0\nu2\beta\beta$-decay $T_{1/2}$ lower limits. CdZnTe semiconductor detectors. JOUR CZYPA 56 543
^{120}I	2006PH01	RADIOACTIVITY ^{120}Cs, ^{120}Xe, ^{120}I(β^+), (EC); measured Eγ, Iγ, $T_{1/2}$. JOUR PRVCA 74 027302
^{120}Xe	2006PH01	RADIOACTIVITY ^{120}Cs, ^{120}Xe, ^{120}I(β^+), (EC); measured Eγ, Iγ, $T_{1/2}$. JOUR PRVCA 74 027302
^{120}Cs	2006PH01	RADIOACTIVITY ^{120}Cs, ^{120}Xe, ^{120}I(β^+), (EC); measured Eγ, Iγ, $T_{1/2}$. JOUR PRVCA 74 027302

A=121

^{121}Xe	2006BEZX	NUCLEAR REACTIONS ^{64}Ni(^{64}Ni, 3nα), (^{64}Ni, 2nα), E=255, 261 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-coin. ^{121,122}Xe deduced high-spin levels, transitions. Euroball IV and Diamant arrays. REPT ATOMKI 2005 Annual,P17,Berek

A=122

^{122}Xe	2006BEZX	NUCLEAR REACTIONS ^{64}Ni(^{64}Ni, 3nα), (^{64}Ni, 2nα), E=255, 261 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-coin. ^{121,122}Xe deduced high-spin levels, transitions. Euroball IV and Diamant arrays. REPT ATOMKI 2005 Annual,P17,Berek

A=123

No references found

A=124

^{124}Sn	2006FUZZ	NUCLEAR REACTIONS ^{89}Y, ^{92}Mo, ^{106}Cd, ^{112,124}Sn(α, α), E $\approx$ 13-20 MeV; measured elastic $\sigma(\theta)$. Optical model analysis. CONF Tokyo(OMEG05),P351,Fulop
^{124}I	2006SA27	NUCLEAR REACTIONS ^{124}Te(p, n), E=14 MeV; measured yield. Comparison with previous results. JOUR ARISE 64 965
^{124}Ba	2006AL15	NUCLEAR REACTIONS ^{64}Ni(^{64}Ni, 4n), E=255, 261, 265 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{124}Ba deduced high-spin levels, J, π, configurations, B(M1) / B(E2). Euroball and Gammasphere arrays. JOUR PRVCA 74 014305

A=125

^{125}I	2006DA20	RADIOACTIVITY ^{54}Mn, ^{125}I, ^{203}Hg; measured Eγ, Iγ; deduced photon emission probabilities. JOUR ARISE 64 1440

A=126

^{126}Xe	2006HUZZ	NUCLEAR REACTIONS ^{82}Se(^{48}Ca, 4n), E=185, 195, 205 MeV; ^{64}Ni(^{64}Ni, 2n), E=255, 261, 265 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{126}Xe, ^{126}Ba deduced rotational band transitions, possible evidence for hyperdeformation. Gammasphere, Euroball arrays. CONF Bormio (XLIV Winter Meeting) Proc,P287
^{126}Ba	2006HUZZ	NUCLEAR REACTIONS ^{82}Se(^{48}Ca, 4n), E=185, 195, 205 MeV; ^{64}Ni(^{64}Ni, 2n), E=255, 261, 265 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{126}Xe, ^{126}Ba deduced rotational band transitions, possible evidence for hyperdeformation. Gammasphere, Euroball arrays. CONF Bormio (XLIV Winter Meeting) Proc,P287

A=127

^{127}I	2006SZ05	NUCLEAR REACTIONS F(n, X)^{20}F, E=cold; Na(n, X)^{24}Na, E=cold; Mn, Cl(n, X)^{38m}Cl / ^{38}Cl / ^{56}Mn, E=cold; Sc(n, X)^{46}Sc, E=cold; Br(n, X)^{80}Br / ^{82}Br, E=cold; I(n, X)^{127}I, E=cold; Hf(n, X)^{179m}Hf, E=cold; W(n, X)^{187}W, E=cold; Rb(n, X)^{86m}Rb / ^{88}Rb, E=cold; Ag(n, X)^{108}Ag / ^{110}Ag, E=cold; measured partial γ-ray production σ, k_0 factors. Chopped beam. JOUR NIMAE 564 655

A=128

^{128}Xe	2006ORZY	NUCLEAR REACTIONS ^{124}Sn(^{9}Be, 5n), E=58 MeV; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin. ^{128}Xe deduced high-spin levels, J, π, configurations, isomer $T_{1/2}$. Caesar array. Potential energy surface calculations, configuration-constrained blocking method. REPT ANU-P/1716,Orce

A=129

No references found

A=130

^{130}Te	2006WI12	RADIOACTIVITY ^{116}Cd, ^{130}Te($2\beta^-$); ^{64}Zn, ^{120}Te(β^+EC), (2EC); measured $0\nu 2\beta\beta$-decay $T_{1/2}$ lower limits. CdZnTe semiconductor detectors. JOUR CZYPA 56 543
^{130}Xe	2006WI12	RADIOACTIVITY ^{116}Cd, ^{130}Te($2\beta^-$); ^{64}Zn, ^{120}Te(β^+EC), (2EC); measured $0\nu 2\beta\beta$-decay $T_{1/2}$ lower limits. CdZnTe semiconductor detectors. JOUR CZYPA 56 543

A=131

^{131}Ba	2006DI12	NUCLEAR REACTIONS ^{74}Se, ^{84}Sr, ^{120}Te, ^{130,132}Ba(n, γ), E=spectrum; measured σ. Activation technique. JOUR ZAANE 27 s01 129

A=132

^{132}Ce	2006WI13	NUCLEAR REACTIONS ^{68}Zn(^{64}Ni, X), E=300, 400, 500 MeV; ^{116}Sn(^{16}O, X), E=250 MeV; measured Eγ, Iγ, (charged particle)γ-, (recoil)γ-coin. ^{132}Ce deduced GDR width vs temperature. Comparison with model predictions. JOUR PRLTA 97 012501

A=132 *(continued)*

^{132}Nd	2006XU07	RADIOACTIVITY ^{133}Sm(EC), (β^+), (β^+p) [from ^{96}Ru(^{40}Ca, n2p)]; measured β-delayed Eγ, Ep, pγ-coin, $T_{1/2}$; deduced decay branching ratios. ^{132}Nd, ^{133}Sm deduced levels, J, π, feeding intensities. ^{149}Yb(β^+p); analyzed β-delayed Eγ, Ep, pγ-coin; deduced decay branching ratios. ^{148}Er levels deduced feeding intensities. ^{133}Sm, ^{149}Yb deduced ground-state J, π. Potential energy surface calculations. JOUR ZAANE 29 161

A=133

^{133}Ba	2006DI12	NUCLEAR REACTIONS ^{74}Se, ^{84}Sr, ^{120}Te, ^{130,132}Ba(n, γ), E=spectrum; measured σ. Activation technique. JOUR ZAANE 27 s01 129
^{133}Pm	2006XU07	RADIOACTIVITY ^{133}Sm(EC), (β^+), (β^+p) [from ^{96}Ru(^{40}Ca, n2p)]; measured β-delayed Eγ, Ep, pγ-coin, $T_{1/2}$; deduced decay branching ratios. ^{132}Nd, ^{133}Sm deduced levels, J, π, feeding intensities. ^{149}Yb(β^+p); analyzed β-delayed Eγ, Ep, pγ-coin; deduced decay branching ratios. ^{148}Er levels deduced feeding intensities. ^{133}Sm, ^{149}Yb deduced ground-state J, π. Potential energy surface calculations. JOUR ZAANE 29 161
^{133}Sm	2006XU07	RADIOACTIVITY ^{133}Sm(EC), (β^+), (β^+p) [from ^{96}Ru(^{40}Ca, n2p)]; measured β-delayed Eγ, Ep, pγ-coin, $T_{1/2}$; deduced decay branching ratios. ^{132}Nd, ^{133}Sm deduced levels, J, π, feeding intensities. ^{149}Yb(β^+p); analyzed β-delayed Eγ, Ep, pγ-coin; deduced decay branching ratios. ^{148}Er levels deduced feeding intensities. ^{133}Sm, ^{149}Yb deduced ground-state J, π. Potential energy surface calculations. JOUR ZAANE 29 161

A=134

^{134}Cs	2006HA36	RADIOACTIVITY ^{193m}Ir(IT); measured Eγ, Iγ, X-ray spectra; deduced conversion coefficient. ^{134m}Cs, ^{137}Ba; analyzed ICC ratio. Comparison with model predictions. JOUR ARISE 64 1392

A=135

No references found

A=136

^{136}Xe	2006BE42	RADIOACTIVITY ^{136}Xe; measured $T_{1/2}$ lower limits for nucleon, di-nucleon, and tri-nucleon channels. JOUR ZAANE 27 s01 35

A=137

^{137}I	2006RO26	NUCLEAR REACTIONS ^{235}U, ^{239}Pu(n, F)^{87}Br / ^{88}Br / ^{89}Br / ^{91}Br / ^{93}Kr / ^{94}Rb / ^{95}Rb / ^{137}I / ^{138}I / ^{139}I / ^{140}I, E=thermal-1.2 MeV; measured cumulative fission yields, energy dependence features. JOUR PRVCA 74 014607
^{137}Ba	2006HA36	RADIOACTIVITY ^{193m}Ir(IT); measured Eγ, Iγ, X-ray spectra; deduced conversion coefficient. ^{134m}Cs, ^{137}Ba; analyzed ICC ratio. Comparison with model predictions. JOUR ARISE 64 1392
^{137}La	2006CH38	NUCLEAR REACTIONS ^{130}Te(^{11}B, 4n), E=52 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, γ-ray polarization. ^{137}La deduced high-spin levels, J, π, configurations. Comparison with shell model predictions. JOUR NUPAB 775 153

A=138

^{138}I	2006RO26	NUCLEAR REACTIONS ^{235}U, ^{239}Pu(n, F)^{87}Br / ^{88}Br / ^{89}Br / ^{91}Br / ^{93}Kr / ^{94}Rb / ^{95}Rb / ^{137}I / ^{138}I / ^{139}I / ^{140}I, E=thermal-1.2 MeV; measured cumulative fission yields, energy dependence features. JOUR PRVCA 74 014607

A=139

^{139}I	2006RO26	NUCLEAR REACTIONS ^{235}U, ^{239}Pu(n, F)^{87}Br / ^{88}Br / ^{89}Br / ^{91}Br / ^{93}Kr / ^{94}Rb / ^{95}Rb / ^{137}I / ^{138}I / ^{139}I / ^{140}I, E=thermal-1.2 MeV; measured cumulative fission yields, energy dependence features. JOUR PRVCA 74 014607

A=140

^{140}I	2006RO26	NUCLEAR REACTIONS ^{235}U, ^{239}Pu(n, F)^{87}Br / ^{88}Br / ^{89}Br / ^{91}Br / ^{93}Kr / ^{94}Rb / ^{95}Rb / ^{137}I / ^{138}I / ^{139}I / ^{140}I, E=thermal-1.2 MeV; measured cumulative fission yields, energy dependence features. JOUR PRVCA 74 014607
^{140}Pr	2006UT01	NUCLEAR REACTIONS ^{139}La, ^{141}Pr(γ, n), E=9.1-14.0 MeV; measured σ. Comparison with previous results and model predictions. Astrophysical implications discussed. JOUR PRVCA 74 025806

A=141

No references found

A=142

No references found

A=143

No references found

A=144

^{144}Sm	2006GO19	NUCLEAR REACTIONS ^{144}Sm(^{9}Be, ^{9}Be), E=33-41 MeV; measured elastic $\sigma(\theta)$. ^{144}Sm(^{9}Be, n), (^{9}Be, 2n), (^{9}Be, 3n), (^{9}Be, 4n), (^{9}Be, np), (^{9}Be, 2np), E=30-44 MeV; ^{144}Sm(^{9}Be, X)^{147}Gd, E=3-44 MeV; measured σ; deduced complete and incomplete fusion σ, reaction σ. Delayed x-ray detection technique, comparison with model predictions. JOUR PRVCA 73 064606

A=145

^{145}Gd	2006KR07	NUCLEAR REACTIONS ^{115}In(^{34}S, X)^{34}P / ^{36}S / ^{146}Tb / ^{145}Gd / ^{146}Gd, E=140 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, γ-ray polarization. ^{34}P, ^{36}S deduced levels, J, π, configurations. JOUR ZAANE 29 151

A=146

^{146}Gd	2006KR07	NUCLEAR REACTIONS ^{115}In(^{34}S, X)^{34}P / ^{36}S / ^{146}Tb / ^{145}Gd / ^{146}Gd, E=140 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, γ-ray polarization. ^{34}P, ^{36}S deduced levels, J, π, configurations. JOUR ZAANE 29 151
^{146}Tb	2006KR07	NUCLEAR REACTIONS ^{115}In(^{34}S, X)^{34}P / ^{36}S / ^{146}Tb / ^{145}Gd / ^{146}Gd, E=140 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, γ-ray polarization. ^{34}P, ^{36}S deduced levels, J, π, configurations. JOUR ZAANE 29 151

A=147

^{147}Ce	2006VE04	NUCLEAR REACTIONS ^{238}U(^{12}C, X)^{149}Nd / ^{147}Ce, E=90 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{149}Nd, ^{147}Ce deduced high-spin levels, J, π, configurations. Euroball III array. JOUR ZAANE 28 147
^{147}Gd	2006GO19	NUCLEAR REACTIONS ^{144}Sm(^{9}Be, ^{9}Be), E=33-41 MeV; measured elastic $\sigma(\theta)$. ^{144}Sm(^{9}Be, n), (^{9}Be, 2n), (^{9}Be, 3n), (^{9}Be, 4n), (^{9}Be, np), (^{9}Be, 2np), E=30-44 MeV; ^{144}Sm(^{9}Be, X)^{147}Gd, E=3-44 MeV; measured σ; deduced complete and incomplete fusion σ, reaction σ. Delayed x-ray detection technique, comparison with model predictions. JOUR PRVCA 73 064606

A=148

^{148}Er 2006XU07 RADIOACTIVITY ^{133}Sm(EC), (β^+), (β^+p) [from ^{96}Ru(^{40}Ca, n2p)]; measured β-delayed Eγ, Ep, pγ-coin, $T_{1/2}$; deduced decay branching ratios. ^{132}Nd, ^{133}Sm deduced levels, J, π, feeding intensities. ^{149}Yb(β^+p); analyzed β-delayed Eγ, Ep, pγ-coin; deduced decay branching ratios. ^{148}Er levels deduced feeding intensities. ^{133}Sm, ^{149}Yb deduced ground-state J, π. Potential energy surface calculations. JOUR ZAANE 29 161

A=149

^{149}Nd 2006VE04 NUCLEAR REACTIONS ^{238}U(^{12}C, X)^{149}Nd / ^{147}Ce, E=90 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{149}Nd, ^{147}Ce deduced high-spin levels, J, π, configurations. Euroball III array. JOUR ZAANE 28 147

^{149}Sm 2006TS03 NUCLEAR REACTIONS ^{149}Sm(γ, γ'), E not given; measured Mossbauer spectra in several compounds. JOUR PHYBE 383 142

^{149}Dy 2006GO19 NUCLEAR REACTIONS ^{144}Sm(^{9}Be, ^{9}Be), E=33-41 MeV; measured elastic $\sigma(\theta)$. ^{144}Sm(^{9}Be, n), (^{9}Be, 2n), (^{9}Be, 3n), (^{9}Be, 4n), (^{9}Be, np), (^{9}Be, 2np), E=30-44 MeV; ^{144}Sm(^{9}Be, X)^{147}Gd, E=3-44 MeV; measured σ; deduced complete and incomplete fusion σ, reaction σ. Delayed x-ray detection technique, comparison with model predictions. JOUR PRVCA 73 064606

^{149}Yb 2006XU07 RADIOACTIVITY ^{133}Sm(EC), (β^+), (β^+p) [from ^{96}Ru(^{40}Ca, n2p)]; measured β-delayed Eγ, Ep, pγ-coin, $T_{1/2}$; deduced decay branching ratios. ^{132}Nd, ^{133}Sm deduced levels, J, π, feeding intensities. ^{149}Yb(β^+p); analyzed β-delayed Eγ, Ep, pγ-coin; deduced decay branching ratios. ^{148}Er levels deduced feeding intensities. ^{133}Sm, ^{149}Yb deduced ground-state J, π. Potential energy surface calculations. JOUR ZAANE 29 161

A=150

^{150}Tb 2006GO19 NUCLEAR REACTIONS ^{144}Sm(^{9}Be, ^{9}Be), E=33-41 MeV; measured elastic $\sigma(\theta)$. ^{144}Sm(^{9}Be, n), (^{9}Be, 2n), (^{9}Be, 3n), (^{9}Be, 4n), (^{9}Be, np), (^{9}Be, 2np), E=30-44 MeV; ^{144}Sm(^{9}Be, X)^{147}Gd, E=3-44 MeV; measured σ; deduced complete and incomplete fusion σ, reaction σ. Delayed x-ray detection technique, comparison with model predictions. JOUR PRVCA 73 064606

^{150}Dy 2006GO19 NUCLEAR REACTIONS ^{144}Sm(^{9}Be, ^{9}Be), E=33-41 MeV; measured elastic $\sigma(\theta)$. ^{144}Sm(^{9}Be, n), (^{9}Be, 2n), (^{9}Be, 3n), (^{9}Be, 4n), (^{9}Be, np), (^{9}Be, 2np), E=30-44 MeV; ^{144}Sm(^{9}Be, X)^{147}Gd, E=3-44 MeV; measured σ; deduced complete and incomplete fusion σ, reaction σ. Delayed x-ray detection technique, comparison with model predictions. JOUR PRVCA 73 064606

^{150}Ho 2006FU06 NUCLEAR REACTIONS ^{141}Pr(^{16}O, 7n), E=165 MeV; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin. ^{150}Ho deduced levels, J, π, configurations, high-spin isomer $T_{1/2}$. JOUR PRVCA 73 067303

A=151

^{151}Ce	2006KO25	RADIOACTIVITY ^{151}Ce(β^-) [from ^{235}U(n, F)]; measured Eγ, Iγ, E$\beta\gamma$-coin. ^{151}Pr deduced levels, J, π, isomeric state $T_{1/2}$. Mass separator. JOUR NIMAE 564 275
^{151}Pr	2006KO25	RADIOACTIVITY ^{151}Ce(β^-) [from ^{235}U(n, F)]; measured Eγ, Iγ, E$\beta\gamma$-coin. ^{151}Pr deduced levels, J, π, isomeric state $T_{1/2}$. Mass separator. JOUR NIMAE 564 275
^{151}Tb	2006GO19	NUCLEAR REACTIONS ^{144}Sm(^{9}Be, ^{9}Be), E=33-41 MeV; measured elastic $\sigma(\theta)$. ^{144}Sm(^{9}Be, n), (^{9}Be, 2n), (^{9}Be, 3n), (^{9}Be, 4n), (^{9}Be, np), (^{9}Be, 2np), E=30-44 MeV; ^{144}Sm(^{9}Be, X)^{147}Gd, E=3-44 MeV; measured σ; deduced complete and incomplete fusion σ, reaction σ. Delayed x-ray detection technique, comparison with model predictions. JOUR PRVCA 73 064606
^{151}Dy	2006GO19	NUCLEAR REACTIONS ^{144}Sm(^{9}Be, ^{9}Be), E=33-41 MeV; measured elastic $\sigma(\theta)$. ^{144}Sm(^{9}Be, n), (^{9}Be, 2n), (^{9}Be, 3n), (^{9}Be, 4n), (^{9}Be, np), (^{9}Be, 2np), E=30-44 MeV; ^{144}Sm(^{9}Be, X)^{147}Gd, E=3-44 MeV; measured σ; deduced complete and incomplete fusion σ, reaction σ. Delayed x-ray detection technique, comparison with model predictions. JOUR PRVCA 73 064606

A=152

^{152}Sm	2006KUZY	RADIOACTIVITY ^{152,152m}Eu(EC), (β^+) [from ^{151}Eu(n, γ)]; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{152}Sm deduced levels, J, π, B(E2). PREPRINT nucl-ex/0607025,7/20/2006
^{152}Eu	2006KUZY	RADIOACTIVITY ^{152,152m}Eu(EC), (β^+) [from ^{151}Eu(n, γ)]; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{152}Sm deduced levels, J, π, B(E2). PREPRINT nucl-ex/0607025,7/20/2006
^{152}Gd	2006ME13	NUCLEAR REACTIONS ^{154,156}Gd, ^{164}Dy, ^{170}Er, ^{178}Hf, ^{182,186}W, ^{192}Os(p, t), E=25 MeV; measured triton spectra, σ(E, θ). ^{152,154}Gd, ^{162}Dy, ^{168}Er, ^{176}Hf, ^{180,184}W, ^{190}Os deduced levels, J, π, configurations. Comparison with interacting boson approximation model predictions. JOUR PYLBB 638 44
	2006SHZY	NUCLEAR REACTIONS ^{152,154}Sm(α, 4n), E=45 MeV; ^{152}Sm(α, 2n), E=25 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{152,154}Gd deduced high-spin levels, J, π, configurations. Afrodite array. CONF Bormio (XLIV Winter Meeting) Proc,P295
^{152}Dy	2006GO19	NUCLEAR REACTIONS ^{144}Sm(^{9}Be, ^{9}Be), E=33-41 MeV; measured elastic $\sigma(\theta)$. ^{144}Sm(^{9}Be, n), (^{9}Be, 2n), (^{9}Be, 3n), (^{9}Be, 4n), (^{9}Be, np), (^{9}Be, 2np), E=30-44 MeV; ^{144}Sm(^{9}Be, X)^{147}Gd, E=3-44 MeV; measured σ; deduced complete and incomplete fusion σ, reaction σ. Delayed x-ray detection technique, comparison with model predictions. JOUR PRVCA 73 064606

A=153

^{153}Sm	2006LE32	RADIOACTIVITY ^{153}Sm(β^-); measured Eγ, Iγ, X-ray spectra; deduced photon emission intensities. JOUR ARISE 64 1428

A=153 *(continued)*

^{153}Eu	2006LE32	RADIOACTIVITY ^{153}Sm(β^-); measured Eγ, Iγ, X-ray spectra; deduced photon emission intensities. JOUR ARISE 64 1428
^{153}Gd	2006LEZV	NUCLEAR REACTIONS ^{152,154,155,156,157,158,160}Gd(n, γ), E=thermal; measured capture σ; deduced resonance parameters. CONF Vancouver(PHYSOR-2006),C035,Leinweber

A=154

^{154}Gd	2006ME13	NUCLEAR REACTIONS ^{154,156}Gd, ^{164}Dy, ^{170}Er, ^{178}Hf, ^{182,186}W, ^{192}Os(p, t), E=25 MeV; measured triton spectra, σ(E, θ). ^{152,154}Gd, ^{162}Dy, ^{168}Er, ^{176}Hf, ^{180,184}W, ^{190}Os deduced levels, J, π, configurations. Comparison with interacting boson approximation model predictions. JOUR PYLBB 638 44
	2006SHZY	NUCLEAR REACTIONS ^{152,154}Sm(α, 4n), E=45 MeV; ^{152}Sm(α, 2n), E=25 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{152,154}Gd deduced high-spin levels, J, π, configurations. Afrodite array. CONF Bormio (XLIV Winter Meeting) Proc,P295

A=155

^{155}Gd	2006LEZV	NUCLEAR REACTIONS ^{152,154,155,156,157,158,160}Gd(n, γ), E=thermal; measured capture σ; deduced resonance parameters. CONF Vancouver(PHYSOR-2006),C035,Leinweber

A=156

^{156}Gd	2006LEZV	NUCLEAR REACTIONS ^{152,154,155,156,157,158,160}Gd(n, γ), E=thermal; measured capture σ; deduced resonance parameters. CONF Vancouver(PHYSOR-2006),C035,Leinweber
^{156}Dy	2006MO22	NUCLEAR REACTIONS ^{124}Sn(^{36}S, 4n), E=155 MeV; measured Doppler-shifted Eγ, Iγ, $\gamma\gamma$-coin. ^{156}Dy levels deduced $T_{1/2}$, B(E2), transition quadrupole moments, symmetry features. GASP array, recoil-distance technique. JOUR PRVCA 74 024313

A=157

^{157}Gd	2006LEZV	NUCLEAR REACTIONS ^{152,154,155,156,157,158,160}Gd(n, γ), E=thermal; measured capture σ; deduced resonance parameters. CONF Vancouver(PHYSOR-2006),C035,Leinweber
^{157}Er	2006EV02	NUCLEAR REACTIONS ^{114}Cd(^{48}Ca, 5n), E=215 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{157}Er deduced high-spin levels, J, π, configurations, B(M1) / B(E2), band termination. Gammasphere array. JOUR PRVCA 73 064303

A=158

^{158}Gd	2006LEZV	NUCLEAR REACTIONS ^{152,154,155,156,157,158,160}Gd(n, γ), E=thermal; measured capture σ; deduced resonance parameters. CONF Vancouver(PHYSOR-2006),C035,Leinweber

A=159

^{159}Gd	2006LEZV	NUCLEAR REACTIONS ^{152,154,155,156,157,158,160}Gd(n, γ), E=thermal; measured capture σ; deduced resonance parameters. CONF Vancouver(PHYSOR-2006),C035,Leinweber

A=160

No references found

A=161

^{161}Gd	2006LEZV	NUCLEAR REACTIONS ^{152,154,155,156,157,158,160}Gd(n, γ), E=thermal; measured capture σ; deduced resonance parameters. CONF Vancouver(PHYSOR-2006),C035,Leinweber
^{161}Re	2006LA16	NUCLEAR REACTIONS ^{106}Cd(^{58}Ni, 2np), E=270 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{161}Re deduced high-spin levels, J, π, configurations. Jurogam array, mass separator, recoil-decay tagging, total Routhian surface calculations. JOUR PRVCA 74 024316

A=162

^{162}Dy	2006ME13	NUCLEAR REACTIONS ^{154,156}Gd, ^{164}Dy, ^{170}Er, ^{178}Hf, ^{182,186}W, ^{192}Os(p, t), E=25 MeV; measured triton spectra, σ(E, θ). ^{152,154}Gd, ^{162}Dy, ^{168}Er, ^{176}Hf, ^{180,184}W, ^{190}Os deduced levels, J, π, configurations. Comparison with interacting boson approximation model predictions. JOUR PYLBB 638 44

A=163

No references found

A=164

No references found

A=165

^{165}Tm	2006SH18	NUCLEAR REACTIONS ^{159}Tb(^{16}O, 3n), (^{16}O, 4n), (^{16}O, 5n), (^{16}O, 3np), (^{16}O, 4np), (^{16}O, 2n2p), (^{16}O, nα), (^{16}O, 2nα), (^{16}O, 2n2α), E ≈ 70-95 MeV; measured excitation functions, recoil range distributions; deduced contribution from incomplete fusion. Activation technique, comparison with model predictions. JOUR NUPAB 776 83

A=166

No references found

A=167

No references found

A=168

^{168}Er	2006BU09	NUCLEAR REACTIONS ^{170}Er(p, t), E=25 MeV; measured triton spectra, σ(E, θ). ^{168}Er deduced levels, J, π, configurations. Comparison with quasiparticle-phonon model and projected shell model predictions. JOUR PRVCA 73 064309
	2006ME13	NUCLEAR REACTIONS ^{154,156}Gd, ^{164}Dy, ^{170}Er, ^{178}Hf, ^{182,186}W, ^{192}Os(p, t), E=25 MeV; measured triton spectra, σ(E, θ). ^{152,154}Gd, ^{162}Dy, ^{168}Er, ^{176}Hf, ^{180,184}W, ^{190}Os deduced levels, J, π, configurations. Comparison with interacting boson approximation model predictions. JOUR PYLBB 638 44

A=169

^{169}Lu	2006SH18	NUCLEAR REACTIONS ^{159}Tb(^{16}O, 3n), (^{16}O, 4n), (^{16}O, 5n), (^{16}O, 3np), (^{16}O, 4np), (^{16}O, 2n2p), (^{16}O, nα), (^{16}O, 2nα), (^{16}O, 2n2α), E ≈ 70-95 MeV; measured excitation functions, recoil range distributions; deduced contribution from incomplete fusion. Activation technique, comparison with model predictions. JOUR NUPAB 776 83
^{169}Pt	2006JO04	NUCLEAR REACTIONS ^{112}Sn(^{60}Ni, 2n), (^{60}Ni, 3n), E=266 MeV; Sn(^{60}Ni, xn)^{171}Pt / ^{172}Pt / ^{173}Pt, E=266 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{170,172,173}Pt deduced levels, J, π, configurations. ^{169,171,173}Pt deduced transitions. Jurogam array, recoil-decay tagging. JOUR PRVCA 74 014302

A=170

^{170}Lu	2006SH18	NUCLEAR REACTIONS ^{159}Tb(^{16}O, 3n), (^{16}O, 4n), (^{16}O, 5n), (^{16}O, 3np), (^{16}O, 4np), (^{16}O, 2n2p), (^{16}O, nα), (^{16}O, 2nα), (^{16}O, 2n2α), E ≈ 70-95 MeV; measured excitation functions, recoil range distributions; deduced contribution from incomplete fusion. Activation technique, comparison with model predictions. JOUR NUPAB 776 83
^{170}Hf	2006SH18	NUCLEAR REACTIONS ^{159}Tb(^{16}O, 3n), (^{16}O, 4n), (^{16}O, 5n), (^{16}O, 3np), (^{16}O, 4np), (^{16}O, 2n2p), (^{16}O, nα), (^{16}O, 2nα), (^{16}O, 2n2α), E ≈ 70-95 MeV; measured excitation functions, recoil range distributions; deduced contribution from incomplete fusion. Activation technique, comparison with model predictions. JOUR NUPAB 776 83
^{170}Ta	2006SH18	NUCLEAR REACTIONS ^{159}Tb(^{16}O, 3n), (^{16}O, 4n), (^{16}O, 5n), (^{16}O, 3np), (^{16}O, 4np), (^{16}O, 2n2p), (^{16}O, nα), (^{16}O, 2nα), (^{16}O, 2n2α), E ≈ 70-95 MeV; measured excitation functions, recoil range distributions; deduced contribution from incomplete fusion. Activation technique, comparison with model predictions. JOUR NUPAB 776 83
^{170}Pt	2006JO04	NUCLEAR REACTIONS ^{112}Sn(^{60}Ni, 2n), (^{60}Ni, 3n), E=266 MeV; Sn(^{60}Ni, xn)^{171}Pt / ^{172}Pt / ^{173}Pt, E=266 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{170,172,173}Pt deduced levels, J, π, configurations. ^{169,171,173}Pt deduced transitions. Jurogam array, recoil-decay tagging. JOUR PRVCA 74 014302

A=171

^{171}Lu	2006SH18	NUCLEAR REACTIONS ^{159}Tb(^{16}O, 3n), (^{16}O, 4n), (^{16}O, 5n), (^{16}O, 3np), (^{16}O, 4np), (^{16}O, 2n2p), (^{16}O, nα), (^{16}O, 2nα), (^{16}O, 2n2α), E ≈ 70-95 MeV; measured excitation functions, recoil range distributions; deduced contribution from incomplete fusion. Activation technique, comparison with model predictions. JOUR NUPAB 776 83
^{171}Hf	2006SH18	NUCLEAR REACTIONS ^{159}Tb(^{16}O, 3n), (^{16}O, 4n), (^{16}O, 5n), (^{16}O, 3np), (^{16}O, 4np), (^{16}O, 2n2p), (^{16}O, nα), (^{16}O, 2nα), (^{16}O, 2n2α), E ≈ 70-95 MeV; measured excitation functions, recoil range distributions; deduced contribution from incomplete fusion. Activation technique, comparison with model predictions. JOUR NUPAB 776 83
^{171}Ta	2006SH18	NUCLEAR REACTIONS ^{159}Tb(^{16}O, 3n), (^{16}O, 4n), (^{16}O, 5n), (^{16}O, 3np), (^{16}O, 4np), (^{16}O, 2n2p), (^{16}O, nα), (^{16}O, 2nα), (^{16}O, 2n2α), E ≈ 70-95 MeV; measured excitation functions, recoil range distributions; deduced contribution from incomplete fusion. Activation technique, comparison with model predictions. JOUR NUPAB 776 83
^{171}Pt	2006JO04	NUCLEAR REACTIONS ^{112}Sn(^{60}Ni, 2n), (^{60}Ni, 3n), E=266 MeV; Sn(^{60}Ni, xn)^{171}Pt / ^{172}Pt / ^{173}Pt, E=266 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{170,172,173}Pt deduced levels, J, π, configurations. ^{169,171,173}Pt deduced transitions. Jurogam array, recoil-decay tagging. JOUR PRVCA 74 014302

A=172

^{172}Yb	2006SC17	NUCLEAR REACTIONS ^{171}Yb(n, γ), E=thermal; measured Eγ, Iγ, $\gamma\gamma$-coin; deduced primary and secondary γ intensities. JOUR PRVCA 74 017305
^{172}Ta	2006SH18	NUCLEAR REACTIONS ^{159}Tb(^{16}O, 3n), (^{16}O, 4n), (^{16}O, 5n), (^{16}O, 3np), (^{16}O, 4np), (^{16}O, 2n2p), (^{16}O, nα), (^{16}O, 2nα), (^{16}O, 2n2α), E $\approx$ 70-95 MeV; measured excitation functions, recoil range distributions; deduced contribution from incomplete fusion. Activation technique, comparison with model predictions. JOUR NUPAB 776 83
^{172}Pt	2006JO04	NUCLEAR REACTIONS ^{112}Sn(^{60}Ni, 2n), (^{60}Ni, 3n), E=266 MeV; Sn(^{60}Ni, xn)^{171}Pt / ^{172}Pt / ^{173}Pt, E=266 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{170,172,173}Pt deduced levels, J, π, configurations. ^{169,171,173}Pt deduced transitions. Jurogam array, recoil-decay tagging. JOUR PRVCA 74 014302

A=173

^{173}Pt	2006JO04	NUCLEAR REACTIONS ^{112}Sn(^{60}Ni, 2n), (^{60}Ni, 3n), E=266 MeV; Sn(^{60}Ni, xn)^{171}Pt / ^{172}Pt / ^{173}Pt, E=266 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{170,172,173}Pt deduced levels, J, π, configurations. ^{169,171,173}Pt deduced transitions. Jurogam array, recoil-decay tagging. JOUR PRVCA 74 014302

A=174

^{174}Lu	2006DR07	NUCLEAR REACTIONS ^{175,176}Lu, ^{174}Yb(^{136}Xe, X)^{174}Lu, E=6.0 MeV / nucleon; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin. ^{174}Lu deduced levels, J, π, configurations, isomer $T_{1/2}$, K-mixing. Gammasphere array. JOUR PRLTA 97 122501
	2006DRZY	NUCLEAR REACTIONS ^{175,176}Lu, ^{174}Yb(^{136}Xe, X)^{174}Lu, E=6.0 MeV / nucleon; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin. ^{174}Lu deduced levels, J, π, configurations, isomer $T_{1/2}$, K-mixing. Gammasphere array. REPT ANU-P/1717,Dracoulis

A=175

No references found

A=176

^{176}Hf	2006ME13	NUCLEAR REACTIONS ^{154,156}Gd, ^{164}Dy, ^{170}Er, ^{178}Hf, ^{182,186}W, ^{192}Os(p, t), E=25 MeV; measured triton spectra, σ(E, θ). ^{152,154}Gd, ^{162}Dy, ^{168}Er, ^{176}Hf, ^{180,184}W, ^{190}Os deduced levels, J, π, configurations. Comparison with interacting boson approximation model predictions. JOUR PYLBB 638 44

A=177

No references found

A=178

^{178}Hf	2006UG01	RADIOACTIVITY ^{178m}Hf(IT); measured Eγ, Iγ, multiplicities. JOUR NIMAE 565 657

A=179

^{179}Hf	2006SZ05	NUCLEAR REACTIONS F(n, X)^{20}F, E=cold; Na(n, X)^{24}Na, E=cold; Mn, Cl(n, X)^{38m}Cl / ^{38}Cl / ^{56}Mn, E=cold; Sc(n, X)^{46}Sc, E=cold; Br(n, X)^{80}Br / ^{82}Br, E=cold; I(n, X)^{127}I, E=cold; Hf(n, X)^{179m}Hf, E=cold; W(n, X)^{187}W, E=cold; Rb(n, X)^{86m}Rb / ^{88}Rb, E=cold; Ag(n, X)^{108}Ag / ^{110}Ag, E=cold; measured partial γ-ray production σ, k_0 factors. Chopped beam. JOUR NIMAE 564 655

A=180

^{180}W	2006ME13	NUCLEAR REACTIONS ^{154,156}Gd, ^{164}Dy, ^{170}Er, ^{178}Hf, ^{182,186}W, ^{192}Os(p, t), E=25 MeV; measured triton spectra, σ(E, θ). ^{152,154}Gd, ^{162}Dy, ^{168}Er, ^{176}Hf, ^{180,184}W, ^{190}Os deduced levels, J, π, configurations. Comparison with interacting boson approximation model predictions. JOUR PYLBB 638 44
^{180}Os	2006TR05	NUCLEAR REACTIONS ^{181}Ta(^{20}Ne, F)^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Ru / ^{105}Rh / ^{117m}Sn / ^{120}Sb, E=150 MeV; ^{181}Ta(^{20}Ne, F)^{76}As / ^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{89}Zr / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Rh / ^{111}In / ^{117m}Sn / ^{118}Sb, E=180 MeV; measured fission fragment yields, angular distributions. ^{181}Ta(^{20}Ne, X)^{180}Os / ^{182}Os / ^{185}Os / ^{181}Re / ^{182}Re / ^{183}Re / ^{184}Ir / ^{186}Ir / ^{188}Pt / ^{189}Pt / ^{190}Hg / ^{191m}Hg / ^{192}Hg / ^{193m}Hg / ^{194m}Tl, E=150, 180 MeV; measured evaporation residue production σ, recoil range distributions. JOUR PRVCA 74 014610
^{180}Pt	2006WI15	NUCLEAR REACTIONS ^{27}Al(^{98}Ru, ^{98}Ru'), E=289 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin following projectile Coulomb excitation. ^{98}Ru deduced transitions B(E2). ^{122}Sn(^{62}Ni, 4n), E=265 MeV; measured Doppler-shifted Eγ, Iγ, $\gamma\gamma$-coin. ^{180}Pt deduced transitions $T_{1/2}$, B(E2). Comparison with previous results, model predictions. JOUR PRVCA 74 024302

A=181

^{181}Re	2006TR05	NUCLEAR REACTIONS ^{181}Ta(^{20}Ne, F)^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Ru / ^{105}Rh / ^{117m}Sn / ^{120}Sb, E=150 MeV; ^{181}Ta(^{20}Ne, F)^{76}As / ^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{89}Zr / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Rh / ^{111}In / ^{117m}Sn / ^{118}Sb, E=180 MeV; measured fission fragment yields, angular distributions. ^{181}Ta(^{20}Ne, X)^{180}Os / ^{182}Os / ^{185}Os / ^{181}Re / ^{182}Re / ^{183}Re / ^{184}Ir / ^{186}Ir / ^{188}Pt / ^{189}Pt / ^{190}Hg / ^{191m}Hg / ^{192}Hg / ^{193m}Hg / ^{194m}Tl, E=150, 180 MeV; measured evaporation residue production σ, recoil range distributions. JOUR PRVCA 74 014610

A=182

^{182}Re	2006TR05	NUCLEAR REACTIONS ^{181}Ta(^{20}Ne, F)^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Ru / ^{105}Rh / ^{117m}Sn / ^{120}Sb, E=150 MeV; ^{181}Ta(^{20}Ne, F)^{76}As / ^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{89}Zr / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Rh / ^{111}In / ^{117m}Sn / ^{118}Sb, E=180 MeV; measured fission fragment yields, angular distributions. ^{181}Ta(^{20}Ne, X)^{180}Os / ^{182}Os / ^{185}Os / ^{181}Re / ^{182}Re / ^{183}Re / ^{184}Ir / ^{186}Ir / ^{188}Pt / ^{189}Pt / ^{190}Hg / ^{191m}Hg / ^{192}Hg / ^{193m}Hg / ^{194m}Tl, E=150, 180 MeV; measured evaporation residue production σ, recoil range distributions. JOUR PRVCA 74 014610
^{182}Os	2006TR05	NUCLEAR REACTIONS ^{181}Ta(^{20}Ne, F)^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Ru / ^{105}Rh / ^{117m}Sn / ^{120}Sb, E=150 MeV; ^{181}Ta(^{20}Ne, F)^{76}As / ^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{89}Zr / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Rh / ^{111}In / ^{117m}Sn / ^{118}Sb, E=180 MeV; measured fission fragment yields, angular distributions. ^{181}Ta(^{20}Ne, X)^{180}Os / ^{182}Os / ^{185}Os / ^{181}Re / ^{182}Re / ^{183}Re / ^{184}Ir / ^{186}Ir / ^{188}Pt / ^{189}Pt / ^{190}Hg / ^{191m}Hg / ^{192}Hg / ^{193m}Hg / ^{194m}Tl, E=150, 180 MeV; measured evaporation residue production σ, recoil range distributions. JOUR PRVCA 74 014610

A=183

^{183}Re	2006TR05	NUCLEAR REACTIONS ^{181}Ta(^{20}Ne, F)^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Ru / ^{105}Rh / ^{117m}Sn / ^{120}Sb, E=150 MeV; ^{181}Ta(^{20}Ne, F)^{76}As / ^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{89}Zr / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Rh / ^{111}In / ^{117m}Sn / ^{118}Sb, E=180 MeV; measured fission fragment yields, angular distributions. ^{181}Ta(^{20}Ne, X)^{180}Os / ^{182}Os / ^{185}Os / ^{181}Re / ^{182}Re / ^{183}Re / ^{184}Ir / ^{186}Ir / ^{188}Pt / ^{189}Pt / ^{190}Hg / ^{191m}Hg / ^{192}Hg / ^{193m}Hg / ^{194m}Tl, E=150, 180 MeV; measured evaporation residue production σ, recoil range distributions. JOUR PRVCA 74 014610

A=184

^{184}W	2006ME13	NUCLEAR REACTIONS ^{154,156}Gd, ^{164}Dy, ^{170}Er, ^{178}Hf, ^{182,186}W, ^{192}Os(p, t), E=25 MeV; measured triton spectra, σ(E, θ). ^{152,154}Gd, ^{162}Dy, ^{168}Er, ^{176}Hf, ^{180,184}W, ^{190}Os deduced levels, J, π, configurations. Comparison with interacting boson approximation model predictions. JOUR PYLBB 638 44
^{184}Ir	2006TR05	NUCLEAR REACTIONS ^{181}Ta(^{20}Ne, F)^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Ru / ^{105}Rh / ^{117m}Sn / ^{120}Sb, E=150 MeV; ^{181}Ta(^{20}Ne, F)^{76}As / ^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{89}Zr / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Rh / ^{111}In / ^{117m}Sn / ^{118}Sb, E=180 MeV; measured fission fragment yields, angular distributions. ^{181}Ta(^{20}Ne, X)^{180}Os / ^{182}Os / ^{185}Os / ^{181}Re / ^{182}Re / ^{183}Re / ^{184}Ir / ^{186}Ir / ^{188}Pt / ^{189}Pt / ^{190}Hg / ^{191m}Hg / ^{192}Hg / ^{193m}Hg / ^{194m}Tl, E=150, 180 MeV; measured evaporation residue production σ, recoil range distributions. JOUR PRVCA 74 014610

A=185

^{185}Os	2006TR05	NUCLEAR REACTIONS ^{181}Ta(^{20}Ne, F)^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Ru / ^{105}Rh / ^{117m}Sn / ^{120}Sb, E=150 MeV; ^{181}Ta(^{20}Ne, F)^{76}As / ^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{89}Zr / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Rh / ^{111}In / ^{117m}Sn / ^{118}Sb, E=180 MeV; measured fission fragment yields, angular distributions. ^{181}Ta(^{20}Ne, X)^{180}Os / ^{182}Os / ^{185}Os / ^{181}Re / ^{182}Re / ^{183}Re / ^{184}Ir / ^{186}Ir / ^{188}Pt / ^{189}Pt / ^{190}Hg / ^{191m}Hg / ^{192}Hg / ^{193m}Hg / ^{194m}Tl, E=150, 180 MeV; measured evaporation residue production σ, recoil range distributions. JOUR PRVCA 74 014610

A=186

^{186}Re	2006ST13	NUCLEAR REACTIONS ^{75}As, ^{87}Rb, ^{84}Sr, ^{108}Pd, ^{109}Ag, ^{114}Cd, ^{115}In, ^{127}I, ^{133}Cs, ^{130}Ba, ^{169}Tm, ^{181}Ta, ^{185}Re(n, γ), E=reactor; measured ratio of resonance integral to thermal neutron activation σ, k_0 values. Two-channel method, comparison with previous results. JOUR NIMAE 564 669
^{186}Ir	2006TR05	NUCLEAR REACTIONS ^{181}Ta(^{20}Ne, F)^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Ru / ^{105}Rh / ^{117m}Sn / ^{120}Sb, E=150 MeV; ^{181}Ta(^{20}Ne, F)^{76}As / ^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{89}Zr / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Rh / ^{111}In / ^{117m}Sn / ^{118}Sb, E=180 MeV; measured fission fragment yields, angular distributions. ^{181}Ta(^{20}Ne, X)^{180}Os / ^{182}Os / ^{185}Os / ^{181}Re / ^{182}Re / ^{183}Re / ^{184}Ir / ^{186}Ir / ^{188}Pt / ^{189}Pt / ^{190}Hg / ^{191m}Hg / ^{192}Hg / ^{193m}Hg / ^{194m}Tl, E=150, 180 MeV; measured evaporation residue production σ, recoil range distributions. JOUR PRVCA 74 014610

A=186 *(continued)*

^{186}Pb	2006GR16	NUCLEAR REACTIONS ^{106}Pd(^{83}Kr, 3n), E=357 MeV; ^{108}Pd(^{83}Kr, 3n), E=340 MeV; ^{114}Cd(^{83}Kr, 3n), E=375 MeV; measured Doppler-shifted Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{186,188}Pb, ^{194}Po levels deduced $T_{1/2}$, B(E2), transition quadrupole moments. configuration-mixing features. Jurogam array, recoil decay tagging, recoil-distance Doppler-shift technique. JOUR PRLTA 97 062501

A=187

^{187}W	2006SZ05	NUCLEAR REACTIONS F(n, X)^{20}F, E=cold; Na(n, X)^{24}Na, E=cold; Mn, Cl(n, X)^{38m}Cl / ^{38}Cl / ^{56}Mn, E=cold; Sc(n, X)^{46}Sc, E=cold; Br(n, X)^{80}Br / ^{82}Br, E=cold; I(n, X)^{127}I, E=cold; Hf(n, X)^{179m}Hf, E=cold; W(n, X)^{187}W, E=cold; Rb(n, X)^{86m}Rb / ^{88}Rb, E=cold; Ag(n, X)^{108}Ag / ^{110}Ag, E=cold; measured partial γ-ray production σ, k_0 factors. Chopped beam. JOUR NIMAE 564 655
^{187}Os	2006UT02	NUCLEAR REACTIONS ^{139}La, ^{141}Pr, ^{186}W, ^{187}Re, ^{188}Os(γ, n), E $\approx$ 8-16 MeV; measured photodisintegration σ. JOUR ZAANE 27 s01 153

A=188

^{188}Pt	2006TR05	NUCLEAR REACTIONS ^{181}Ta(^{20}Ne, F)^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Ru / ^{105}Rh / ^{117m}Sn / ^{120}Sb, E=150 MeV; ^{181}Ta(^{20}Ne, F)^{76}As / ^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{89}Zr / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Rh / ^{111}In / ^{117m}Sn / ^{118}Sb, E=180 MeV; measured fission fragment yields, angular distributions. ^{181}Ta(^{20}Ne, X)^{180}Os / ^{182}Os / ^{185}Os / ^{181}Re / ^{182}Re / ^{183}Re / ^{184}Ir / ^{186}Ir / ^{188}Pt / ^{189}Pt / ^{190}Hg / ^{191m}Hg / ^{192}Hg / ^{193m}Hg / ^{194m}Tl, E=150, 180 MeV; measured evaporation residue production σ, recoil range distributions. JOUR PRVCA 74 014610
^{188}Tl	2006MA39	NUCLEAR REACTIONS ^{157}Gd(^{35}Cl, 4n), E=170 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{188}Tl deduced high-spin levels, J, π, configurations, B(M1) / B(E2). JOUR CPLEE 23 1727
	2006ZH22	NUCLEAR REACTIONS ^{157}Gd(^{35}Cl, 4n), E=170 MeV; measured Eγ, I$\gamma(\theta)$, $\gamma\gamma$-coin. ^{188}Tl deduced levels, J, π, configurations, B(M1) / B(E2), configurations, oblate rotational band. Gemini array. JOUR ZAANE 28 271
^{188}Pb	2006GR16	NUCLEAR REACTIONS ^{106}Pd(^{83}Kr, 3n), E=357 MeV; ^{108}Pd(^{83}Kr, 3n), E=340 MeV; ^{114}Cd(^{83}Kr, 3n), E=375 MeV; measured Doppler-shifted Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{186,188}Pb, ^{194}Po levels deduced $T_{1/2}$, B(E2), transition quadrupole moments. configuration-mixing features. Jurogam array, recoil decay tagging, recoil-distance Doppler-shift technique. JOUR PRLTA 97 062501

A=189

^{189}Pt	2006TR05	NUCLEAR REACTIONS ^{181}Ta(^{20}Ne, F)^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Ru / ^{105}Rh / ^{117m}Sn / ^{120}Sb, E=150 MeV; ^{181}Ta(^{20}Ne, F)^{76}As / ^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{89}Zr / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Rh / ^{111}In / ^{117m}Sn / ^{118}Sb, E=180 MeV; measured fission fragment yields, angular distributions. ^{181}Ta(^{20}Ne, X)^{180}Os / ^{182}Os / ^{185}Os / ^{181}Re / ^{182}Re / ^{183}Re / ^{184}Ir / ^{186}Ir / ^{188}Pt / ^{189}Pt / ^{190}Hg / ^{191m}Hg / ^{192}Hg / ^{193m}Hg / ^{194m}Tl, E=150, 180 MeV; measured evaporation residue production σ, recoil range distributions. JOUR PRVCA 74 014610

A=190

^{190}Os	2006ME13	NUCLEAR REACTIONS ^{154,156}Gd, ^{164}Dy, ^{170}Er, ^{178}Hf, ^{182,186}W, ^{192}Os(p, t), E=25 MeV; measured triton spectra, σ(E, θ). ^{152,154}Gd, ^{162}Dy, ^{168}Er, ^{176}Hf, ^{180,184}W, ^{190}Os deduced levels, J, π, configurations. Comparison with interacting boson approximation model predictions. JOUR PYLBB 638 44
^{190}Hg	2006TR05	NUCLEAR REACTIONS ^{181}Ta(^{20}Ne, F)^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Ru / ^{105}Rh / ^{117m}Sn / ^{120}Sb, E=150 MeV; ^{181}Ta(^{20}Ne, F)^{76}As / ^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{89}Zr / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Rh / ^{111}In / ^{117m}Sn / ^{118}Sb, E=180 MeV; measured fission fragment yields, angular distributions. ^{181}Ta(^{20}Ne, X)^{180}Os / ^{182}Os / ^{185}Os / ^{181}Re / ^{182}Re / ^{183}Re / ^{184}Ir / ^{186}Ir / ^{188}Pt / ^{189}Pt / ^{190}Hg / ^{191m}Hg / ^{192}Hg / ^{193m}Hg / ^{194m}Tl, E=150, 180 MeV; measured evaporation residue production σ, recoil range distributions. JOUR PRVCA 74 014610

A=191

^{191}Hg	2006TR05	NUCLEAR REACTIONS ^{181}Ta(^{20}Ne, F)^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Ru / ^{105}Rh / ^{117m}Sn / ^{120}Sb, E=150 MeV; ^{181}Ta(^{20}Ne, F)^{76}As / ^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{89}Zr / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Rh / ^{111}In / ^{117m}Sn / ^{118}Sb, E=180 MeV; measured fission fragment yields, angular distributions. ^{181}Ta(^{20}Ne, X)^{180}Os / ^{182}Os / ^{185}Os / ^{181}Re / ^{182}Re / ^{183}Re / ^{184}Ir / ^{186}Ir / ^{188}Pt / ^{189}Pt / ^{190}Hg / ^{191m}Hg / ^{192}Hg / ^{193m}Hg / ^{194m}Tl, E=150, 180 MeV; measured evaporation residue production σ, recoil range distributions. JOUR PRVCA 74 014610

A=192

^{192}Hg 2006TR05 NUCLEAR REACTIONS ^{181}Ta(^{20}Ne, F)^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Ru / ^{105}Rh / ^{117m}Sn / ^{120}Sb, E=150 MeV; ^{181}Ta(^{20}Ne, F)^{76}As / ^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{89}Zr / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Rh / ^{111}In / ^{117m}Sn / ^{118}Sb, E=180 MeV; measured fission fragment yields, angular distributions. ^{181}Ta(^{20}Ne, X)^{180}Os / ^{182}Os / ^{185}Os / ^{181}Re / ^{182}Re / ^{183}Re / ^{184}Ir / ^{186}Ir / ^{188}Pt / ^{189}Pt / ^{190}Hg / ^{191m}Hg / ^{192}Hg / ^{193m}Hg / ^{194m}Tl, E=150, 180 MeV; measured evaporation residue production σ, recoil range distributions. JOUR PRVCA 74 014610

A=193

^{193}Ir 2006HA36 RADIOACTIVITY ^{193m}Ir(IT); measured Eγ, Iγ, X-ray spectra; deduced conversion coefficient. ^{134m}Cs, ^{137}Ba; analyzed ICC ratio. Comparison with model predictions. JOUR ARISE 64 1392

^{193}Hg 2006TR05 NUCLEAR REACTIONS ^{181}Ta(^{20}Ne, F)^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Ru / ^{105}Rh / ^{117m}Sn / ^{120}Sb, E=150 MeV; ^{181}Ta(^{20}Ne, F)^{76}As / ^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{89}Zr / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Rh / ^{111}In / ^{117m}Sn / ^{118}Sb, E=180 MeV; measured fission fragment yields, angular distributions. ^{181}Ta(^{20}Ne, X)^{180}Os / ^{182}Os / ^{185}Os / ^{181}Re / ^{182}Re / ^{183}Re / ^{184}Ir / ^{186}Ir / ^{188}Pt / ^{189}Pt / ^{190}Hg / ^{191m}Hg / ^{192}Hg / ^{193m}Hg / ^{194m}Tl, E=150, 180 MeV; measured evaporation residue production σ, recoil range distributions. JOUR PRVCA 74 014610

A=194

^{194}Tl 2006TR05 NUCLEAR REACTIONS ^{181}Ta(^{20}Ne, F)^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Ru / ^{105}Rh / ^{117m}Sn / ^{120}Sb, E=150 MeV; ^{181}Ta(^{20}Ne, F)^{76}As / ^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{89}Zr / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Rh / ^{111}In / ^{117m}Sn / ^{118}Sb, E=180 MeV; measured fission fragment yields, angular distributions. ^{181}Ta(^{20}Ne, X)^{180}Os / ^{182}Os / ^{185}Os / ^{181}Re / ^{182}Re / ^{183}Re / ^{184}Ir / ^{186}Ir / ^{188}Pt / ^{189}Pt / ^{190}Hg / ^{191m}Hg / ^{192}Hg / ^{193m}Hg / ^{194m}Tl, E=150, 180 MeV; measured evaporation residue production σ, recoil range distributions. JOUR PRVCA 74 014610

^{194}Po 2006GR16 NUCLEAR REACTIONS ^{106}Pd(^{83}Kr, 3n), E=357 MeV; ^{108}Pd(^{83}Kr, 3n), E=340 MeV; ^{114}Cd(^{83}Kr, 3n), E=375 MeV; measured Doppler-shifted Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{186,188}Pb, ^{194}Po levels deduced $T_{1/2}$, B(E2), transition quadrupole moments. configuration-mixing features. Jurogam array, recoil decay tagging, recoil-distance Doppler-shift technique. JOUR PRLTA 97 062501

A=195

^{195}Au	2006WH02	NUCLEAR REACTIONS ^{198}Pt(^{136}Xe, X)^{195}Au / ^{197}Au, E=850 MeV; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{197}Au deduced levels, J, π, configurations, high-spin isomer $T_{1/2}$. ^{195}Au deduced transition. Gammasphere, Chico arrays. JOUR PRVCA 74 027303
^{195}Hg	2006AL14	NUCLEAR REACTIONS ^{196,198,204}Hg(n, 2n), ^{198,199}Hg(n, p), E=7.6-12.5 MeV; measured excitation functions, isomer ratios. Activation technique, comparison with previous results and model predictions. JOUR PRVCA 73 064608

A=196

^{196}Au	2005PEZV	NUCLEAR REACTIONS ^{206}Pb(^{6}He, 2n), E=12-26 MeV; ^{197}Au(^{6}He, 2n), (^{6}He, 3n), (^{6}He, 4n), (^{6}He, 5n), (^{6}He, 6n), (^{6}He, 7n), E=15-70 MeV; ^{197}Au(^{6}He, X)^{196}Au / ^{198}Au / ^{199}Au, E=20-60 MeV; measured excitation functions. Comparison with model predictions. REPT JINR-E7-2005-106,Penionzhkevich
^{196}Tl	2005PEZV	NUCLEAR REACTIONS ^{206}Pb(^{6}He, 2n), E=12-26 MeV; ^{197}Au(^{6}He, 2n), (^{6}He, 3n), (^{6}He, 4n), (^{6}He, 5n), (^{6}He, 6n), (^{6}He, 7n), E=15-70 MeV; ^{197}Au(^{6}He, X)^{196}Au / ^{198}Au / ^{199}Au, E=20-60 MeV; measured excitation functions. Comparison with model predictions. REPT JINR-E7-2005-106,Penionzhkevich

A=197

^{197}Au	2006STZY	NUCLEAR REACTIONS ^{197}Au(^{38}S, ^{38}S'), (^{40}S, ^{40}S'), E $\approx$ 40 MeV / nucleon; measured Eγ, I$\gamma(\theta$, H, t), (particle)γ-coin following projectile Coulomb excitation. ^{38,40}S levels deduced excitation B(E2), g factors. Transient field technique. PREPRINT nucl-ex/0609033,9/21/2006
	2006WH02	NUCLEAR REACTIONS ^{198}Pt(^{136}Xe, X)^{195}Au / ^{197}Au, E=850 MeV; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{197}Au deduced levels, J, π, configurations, high-spin isomer $T_{1/2}$. ^{195}Au deduced transition. Gammasphere, Chico arrays. JOUR PRVCA 74 027303
^{197}Hg	2006AL14	NUCLEAR REACTIONS ^{196,198,204}Hg(n, 2n), ^{198,199}Hg(n, p), E=7.6-12.5 MeV; measured excitation functions, isomer ratios. Activation technique, comparison with previous results and model predictions. JOUR PRVCA 73 064608
^{197}Tl	2005PEZV	NUCLEAR REACTIONS ^{206}Pb(^{6}He, 2n), E=12-26 MeV; ^{197}Au(^{6}He, 2n), (^{6}He, 3n), (^{6}He, 4n), (^{6}He, 5n), (^{6}He, 6n), (^{6}He, 7n), E=15-70 MeV; ^{197}Au(^{6}He, X)^{196}Au / ^{198}Au / ^{199}Au, E=20-60 MeV; measured excitation functions. Comparison with model predictions. REPT JINR-E7-2005-106,Penionzhkevich

A=198

^{198}Au	2005PEZV	NUCLEAR REACTIONS ^{206}Pb(^{6}He, 2n), E=12-26 MeV; ^{197}Au(^{6}He, 2n), (^{6}He, 3n), (^{6}He, 4n), (^{6}He, 5n), (^{6}He, 6n), (^{6}He, 7n), E=15-70 MeV; ^{197}Au(^{6}He, X)^{196}Au / ^{198}Au / ^{199}Au, E=20-60 MeV; measured excitation functions. Comparison with model predictions. REPT JINR-E7-2005-106,Penionzhkevich
	2006AL14	NUCLEAR REACTIONS ^{196,198,204}Hg(n, 2n), ^{198,199}Hg(n, p), E=7.6-12.5 MeV; measured excitation functions, isomer ratios. Activation technique, comparison with previous results and model predictions. JOUR PRVCA 73 064608
	2006NO10	RADIOACTIVITY ^{198}Au(β^-); measured $T_{1/2}$, decay characteristics; deduced no deviation from exponential decay. JOUR NIMAE 566 477
^{198}Hg	2006NO10	RADIOACTIVITY ^{198}Au(β^-); measured $T_{1/2}$, decay characteristics; deduced no deviation from exponential decay. JOUR NIMAE 566 477
^{198}Tl	2005PEZV	NUCLEAR REACTIONS ^{206}Pb(^{6}He, 2n), E=12-26 MeV; ^{197}Au(^{6}He, 2n), (^{6}He, 3n), (^{6}He, 4n), (^{6}He, 5n), (^{6}He, 6n), (^{6}He, 7n), E=15-70 MeV; ^{197}Au(^{6}He, X)^{196}Au / ^{198}Au / ^{199}Au, E=20-60 MeV; measured excitation functions. Comparison with model predictions. REPT JINR-E7-2005-106,Penionzhkevich

A=199

^{199}Au	2005PEZV	NUCLEAR REACTIONS ^{206}Pb(^{6}He, 2n), E=12-26 MeV; ^{197}Au(^{6}He, 2n), (^{6}He, 3n), (^{6}He, 4n), (^{6}He, 5n), (^{6}He, 6n), (^{6}He, 7n), E=15-70 MeV; ^{197}Au(^{6}He, X)^{196}Au / ^{198}Au / ^{199}Au, E=20-60 MeV; measured excitation functions. Comparison with model predictions. REPT JINR-E7-2005-106,Penionzhkevich
	2006AL14	NUCLEAR REACTIONS ^{196,198,204}Hg(n, 2n), ^{198,199}Hg(n, p), E=7.6-12.5 MeV; measured excitation functions, isomer ratios. Activation technique, comparison with previous results and model predictions. JOUR PRVCA 73 064608
^{199}Tl	2005PEZV	NUCLEAR REACTIONS ^{206}Pb(^{6}He, 2n), E=12-26 MeV; ^{197}Au(^{6}He, 2n), (^{6}He, 3n), (^{6}He, 4n), (^{6}He, 5n), (^{6}He, 6n), (^{6}He, 7n), E=15-70 MeV; ^{197}Au(^{6}He, X)^{196}Au / ^{198}Au / ^{199}Au, E=20-60 MeV; measured excitation functions. Comparison with model predictions. REPT JINR-E7-2005-106,Penionzhkevich

A=200

^{200}Tl	2005PEZV	NUCLEAR REACTIONS ^{206}Pb(^{6}He, 2n), E=12-26 MeV; ^{197}Au(^{6}He, 2n), (^{6}He, 3n), (^{6}He, 4n), (^{6}He, 5n), (^{6}He, 6n), (^{6}He, 7n), E=15-70 MeV; ^{197}Au(^{6}He, X)^{196}Au / ^{198}Au / ^{199}Au, E=20-60 MeV; measured excitation functions. Comparison with model predictions. REPT JINR-E7-2005-106,Penionzhkevich

A=201

^{201}Tl	2005PEZV	NUCLEAR REACTIONS ^{206}Pb(^{6}He, 2n), E=12-26 MeV; ^{197}Au(^{6}He, 2n), (^{6}He, 3n), (^{6}He, 4n), (^{6}He, 5n), (^{6}He, 6n), (^{6}He, 7n), E=15-70 MeV; ^{197}Au(^{6}He, X)^{196}Au / ^{198}Au / ^{199}Au, E=20-60 MeV; measured excitation functions. Comparison with model predictions. REPT JINR-E7-2005-106,Penionzhkevich

A=202

No references found

A=203

^{203}Hg	2006AL14	NUCLEAR REACTIONS ^{196,198,204}Hg(n, 2n), ^{198,199}Hg(n, p), E=7.6-12.5 MeV; measured excitation functions, isomer ratios. Activation technique, comparison with previous results and model predictions. JOUR PRVCA 73 064608
	2006DA20	RADIOACTIVITY ^{54}Mn, ^{125}I, ^{203}Hg; measured Eγ, Iγ; deduced photon emission probabilities. JOUR ARISE 64 1440
^{203}At	2006RA14	NUCLEAR REACTIONS ^{175}Lu(^{28}Si, nX), (^{28}Si, pX), (^{28}Si, αX), E=159 MeV; measured prescission neutron, proton, and α multiplicities, σ(E, θ). ^{203}At deduced fission time scale. Deformation dependent particle binding energies and transmission co-efficients, dynamical effects. JOUR PRVCA 73 064609

A=204

No references found

A=205

No references found

A=206

No references found

A=207

^{207}Tl	2006HUZY	NUCLEAR REACTIONS ^{90}Zr, ^{208}Pb(α, α'p), E=200 MeV; measured Ep. ^{90}Zr deduced isoscalar GDR proton decay features. REPT ATOMKI 2005 Annual,P21,Hunyadi
^{207}Rn	2006PO10	NUCLEAR REACTIONS ^{164}Dy(^{48}Ca, 5n), E not given; measured Eγ, Iγ, (particle)γ-coin. JOUR PANUE 69 1183

A=208

^{208}Pb	2006WA17	NUCLEAR REACTIONS ^{208}Pb(^{17}F, ^{17}F), E=141 MeV; ^{208}Pb(^{17}O, ^{17}O), E=128 MeV; measured $\sigma(\theta)$; deduced possible halo effects. JOUR CPLEE 23 1731

A=209

^{209}Bi	2006MA51	NUCLEAR REACTIONS ^{209}Bi(^{11}Be, ^{11}Be), E=40 MeV; measured quasielastic σ, $\sigma(\theta)$. Discussed halo structure reaction mechanism features. Comparison with optical model, similar systems. EXODET array. JOUR ZAANE 28 295

A=210

^{210}Bi	2006BOZX	NUCLEAR REACTIONS ^{209}Bi(n, X), (n, γ), E $\approx$ 0-40 keV; measured total and capture σ; deduced resonance parameters. CONF Vancouver(PHYSOR-2006),B043,Borella
	2006BOZY	NUCLEAR REACTIONS ^{209}Bi(n, γ), E=0.5-20 keV; measured Eγ, Iγ; deduced resonance features. CONF Vancouver(PHYSOR-2006),B042,Borella
	2006DO20	NUCLEAR REACTIONS ^{209}Bi(n, γ), E=0.8-23.15 keV; measured capture σ; deduced resonance parameters, Maxwellian averaged σ. JOUR PRVCA 74 025807
^{210}Po	2005PEZV	NUCLEAR REACTIONS ^{206}Pb(^{6}He, 2n), E=12-26 MeV; ^{197}Au(^{6}He, 2n), (^{6}He, 3n), (^{6}He, 4n), (^{6}He, 5n), (^{6}He, 6n), (^{6}He, 7n), E=15-70 MeV; ^{197}Au(^{6}He, X)^{196}Au / ^{198}Au / ^{199}Au, E=20-60 MeV; measured excitation functions. Comparison with model predictions. REPT JINR-E7-2005-106,Penionzhkevich

A=211

No references found

A=212

No references found

A=213

No references found

A=214

No references found

A=215

^{215}Ra 2006PE17 RADIOACTIVITY ^{250}No(SF) [from ^{204}Pb(^{48}Ca, 2n)]; measured $T_{1/2}$ for ground and isomeric state decay; deduced upper limit for α-decay branching ratio. ^{219,220}Th(α) [from ^{176}Yb(^{48}Ca, xn)]; measured $T_{1/2}$. JOUR PRVCA 74 014316

A=216

^{216}Ra 2006PE17 RADIOACTIVITY ^{250}No(SF) [from ^{204}Pb(^{48}Ca, 2n)]; measured $T_{1/2}$ for ground and isomeric state decay; deduced upper limit for α-decay branching ratio. ^{219,220}Th(α) [from ^{176}Yb(^{48}Ca, xn)]; measured $T_{1/2}$. JOUR PRVCA 74 014316

A=217

No references found

A=218

No references found

A=219

^{219}Th 2006PE17 RADIOACTIVITY ^{250}No(SF) [from ^{204}Pb(^{48}Ca, 2n)]; measured $T_{1/2}$ for ground and isomeric state decay; deduced upper limit for α-decay branching ratio. ^{219,220}Th(α) [from ^{176}Yb(^{48}Ca, xn)]; measured $T_{1/2}$. JOUR PRVCA 74 014316

A=220

^{220}Th 2006PE17 RADIOACTIVITY ^{250}No(SF) [from ^{204}Pb(^{48}Ca, 2n)]; measured $T_{1/2}$ for ground and isomeric state decay; deduced upper limit for α-decay branching ratio. ^{219,220}Th(α) [from ^{176}Yb(^{48}Ca, xn)]; measured $T_{1/2}$. JOUR PRVCA 74 014316

A=221

No references found

A=222

No references found

A=223

No references found

A=224

No references found

A=225

No references found

A=226

No references found

A=227

No references found

A=228

No references found

A=229

No references found

A=230

No references found

A=231

No references found

A=232

^{232}Pa	2006CSZZ	NUCLEAR REACTIONS ^{231}Pa(d, p), E=12 MeV; measured Ep, σ(E, θ=140°). ^{232}Pa deduced levels. REPT ATOMKI 2005 Annual,P22,Csatlos

A=233

No references found

A=234

^{234}Pa	2006BO20	NUCLEAR REACTIONS ^{232}Th(^{3}He, p), E=24 MeV; measured Eγ, Iγ, (particle)γ-coin. ^{234}Pa deduced γ-ray emission probabilities. ^{233}Pa(n, γ), E=100-900 keV; deduced capture σ. Comparison with model predictions. JOUR NUPAB 775 175
^{234}Pu	2006AS03	RADIOACTIVITY ^{238}Cm(α) [from ^{237}Np(^{6}Li, 5n)]; measured Eα, $T_{1/2}$. ^{234}Pu deduced 2^+ excited state energy. Systematics of 2^+ levels discussed. JOUR PRVCA 73 067301

A=235

^{235}U	2006DRZX	NUCLEAR REACTIONS ^{234}U(n, γ), E $\approx$ 0-1.5 keV; measured capture σ; deduced resonance features. Total absorption calorimeter. CONF Vancouver(PHYSOR-2006),C032,Dridi

A=236

^{236}U	2006CSZY	NUCLEAR REACTIONS ^{235}U(d, pF), E=13 MeV; measured Ep, fission fragments angular distributions; deduced rotational parameter. ^{236}U deduced fission resonance features. REPT ATOMKI 2005 Annual,P23,Csige
^{236}Pu	2006AS03	NUCLEAR REACTIONS ^{237}Np(^{6}Li, X), E=52-59 MeV; measured delayed Eα, Iα; deduced evidence for ^{236,238}Pu, ^{237}Am, ^{237,238}Cm. Mass separator. JOUR PRVCA 73 067301

A=237

^{237}U	2006GUZZ	NUCLEAR REACTIONS ^{236}U(n, γ), E=0-1800 eV; measured capture yield. CONF Vancouver(PHYSOR-2006),B072,Gunsing
^{237}Am	2006AS03	NUCLEAR REACTIONS ^{237}Np(^{6}Li, X), E=52-59 MeV; measured delayed Eα, Iα; deduced evidence for ^{236,238}Pu, ^{237}Am, ^{237,238}Cm. Mass separator. JOUR PRVCA 73 067301
^{237}Cm	2006AS03	NUCLEAR REACTIONS ^{237}Np(^{6}Li, X), E=52-59 MeV; measured delayed Eα, Iα; deduced evidence for ^{236,238}Pu, ^{237}Am, ^{237,238}Cm. Mass separator. JOUR PRVCA 73 067301

A=238

^{238}Np	2006GUZY	NUCLEAR REACTIONS ^{237}Np(n, γ), E < 100 eV; ^{240}Pu(n, γ), E < 1 keV; measured capture σ; deduced resonance features. Total absorption calorimeter. CONF Vancouver(PHYSOR-2006),C031,Guerrero

A=238 *(continued)*

	2006RE09	RADIOACTIVITY ^{238}Np(β^-) [from ^{237}Np(n, γ)]; measured Eβ, Eγ, X-ray spectra, $T_{1/2}$. ^{238}Pu deduced levels. Chemical separation. JOUR NIMAE 565 612
^{238}Pu	2006AS03	NUCLEAR REACTIONS ^{237}Np(^{6}Li, X), E=52-59 MeV; measured delayed Eα, Iα; deduced evidence for ^{236,238}Pu, ^{237}Am, ^{237,238}Cm. Mass separator. JOUR PRVCA 73 067301
	2006RE09	RADIOACTIVITY ^{238}Np(β^-) [from ^{237}Np(n, γ)]; measured Eβ, Eγ, X-ray spectra, $T_{1/2}$. ^{238}Pu deduced levels. Chemical separation. JOUR NIMAE 565 612
^{238}Cm	2006AS03	NUCLEAR REACTIONS ^{237}Np(^{6}Li, X), E=52-59 MeV; measured delayed Eα, Iα; deduced evidence for ^{236,238}Pu, ^{237}Am, ^{237,238}Cm. Mass separator. JOUR PRVCA 73 067301
	2006AS03	RADIOACTIVITY ^{238}Cm(α) [from ^{237}Np(^{6}Li, 5n)]; measured Eα, $T_{1/2}$. ^{234}Pu deduced 2^+ excited state energy. Systematics of 2^+ levels discussed. JOUR PRVCA 73 067301

A=239

No references found

A=240

^{240}Pu	2006BEZU	NUCLEAR REACTIONS ^{234}U, ^{237}Np, ^{239,242}Pu(n, γ), E=low; measured σ. Oscillation technique. CONF Vancouver(PHYSOR-2006),B075,Bernard
^{240}Am	2006PE14	NUCLEAR REACTIONS ^{241}Am(n, 2n), E=8.8-11.4 MeV; measured σ. Activation method. JOUR PRVCA 73 067601

A=241

^{241}Pu	2006GUZY	NUCLEAR REACTIONS ^{237}Np(n, γ), E < 100 eV; ^{240}Pu(n, γ), E < 1 keV; measured capture σ; deduced resonance features. Total absorption calorimeter. CONF Vancouver(PHYSOR-2006),C031,Guerrero

A=242

^{242}Am	2006BE29	NUCLEAR REACTIONS ^{241}Am(n, X)^{242m}Am, E=thermal; measured yield. Comparison with model predictions. JOUR NIMAE 564 482

A=243

^{243}Pu	2006BEZU	NUCLEAR REACTIONS ^{234}U, ^{237}Np, ^{239,242}Pu(n, γ), E=low; measured σ. Oscillation technique. CONF Vancouver(PHYSOR-2006),B075,Bernard

A=243 *(continued)*

^{243}Cm	2006BRZX	NUCLEAR REACTIONS ^{232}Th, ^{233}Pa, ^{234,235}U, ^{241,242m}Am, ^{242}Cm(n, γ), E=thermal; ^{242,242m}Am(n, F), E=thermal; measured σ. Comparison with previous results. CONF Vancouver(PHYSOR-2006),C034,Bringer

A=244

^{244}Cf	2006NI09	RADIOACTIVITY ^{248,249,250}Fm(α) [from ^{238}U(^{16}O, xn)]; measured Eα, $T_{1/2}$. JOUR PANUE 69 1399

A=245

^{245}Cf	2006NI09	RADIOACTIVITY ^{248,249,250}Fm(α) [from ^{238}U(^{16}O, xn)]; measured Eα, $T_{1/2}$. JOUR PANUE 69 1399

A=246

^{246}Cf	2006NI09	RADIOACTIVITY ^{248,249,250}Fm(α) [from ^{238}U(^{16}O, xn)]; measured Eα, $T_{1/2}$. JOUR PANUE 69 1399

A=247

No references found

A=248

^{248}Fm	2006LE29	RADIOACTIVITY ^{252}No(α), (SF) [from ^{206}Pb(^{48}Ca, 2n)]; measured $T_{1/2}$. JOUR ZAANE 28 301
	2006NI09	NUCLEAR REACTIONS ^{238}U(^{16}O, 4n), (^{16}O, 5n), (^{16}O, 6n), E(cm)=70-95 MeV; measured evaporation residue σ; deduced reaction mechanism features. Comparison with statistical model predictions. JOUR PANUE 69 1399
	2006NI09	RADIOACTIVITY ^{248,249,250}Fm(α) [from ^{238}U(^{16}O, xn)]; measured Eα, $T_{1/2}$. JOUR PANUE 69 1399

A=249

^{249}Fm	2006NI09	NUCLEAR REACTIONS ^{238}U(^{16}O, 4n), (^{16}O, 5n), (^{16}O, 6n), E(cm)=70-95 MeV; measured evaporation residue σ; deduced reaction mechanism features. Comparison with statistical model predictions. JOUR PANUE 69 1399
	2006NI09	RADIOACTIVITY ^{248,249,250}Fm(α) [from ^{238}U(^{16}O, xn)]; measured Eα, $T_{1/2}$. JOUR PANUE 69 1399

A=249 *(continued)*

	2006PO10	RADIOACTIVITY ^{253}No(α) [from ^{207}Pb(^{48}Ca, 2n)]; measured Eγ, E(ce), $\gamma\alpha$-, (ce)α-coin. ^{249}Fm deduced levels, J, π. ^{255}No(α) [from ^{208}Pb(^{48}Ca, n)]; measured prompt and delayed $\alpha\gamma$-, $\alpha\beta$-coin. ^{251}Fm deduced isomeric state. JOUR PANUE 69 1183

A=250

^{250}Fm	2006NI09	NUCLEAR REACTIONS ^{238}U(^{16}O, 4n), (^{16}O, 5n), (^{16}O, 6n), E(cm)=70-95 MeV; measured evaporation residue σ; deduced reaction mechanism features. Comparison with statistical model predictions. JOUR PANUE 69 1399
	2006NI09	RADIOACTIVITY ^{248,249,250}Fm(α) [from ^{238}U(^{16}O, xn)]; measured Eα, $T_{1/2}$. JOUR PANUE 69 1399
^{250}No	2006PE17	RADIOACTIVITY ^{250}No(SF) [from ^{204}Pb(^{48}Ca, 2n)]; measured $T_{1/2}$ for ground and isomeric state decay; deduced upper limit for α-decay branching ratio. ^{219,220}Th(α) [from ^{176}Yb(^{48}Ca, xn)]; measured $T_{1/2}$. JOUR PRVCA 74 014316

A=251

^{251}Fm	2006HE20	RADIOACTIVITY ^{255}No(α) [from ^{208}Pb(^{48}Ca, n), ^{209}Bi(^{48}Ca, 2n), ^{238}U(^{22}Ne, 5n)]; measured Eα, Eγ, $\alpha\gamma$-coin, $T_{1/2}$. ^{251}Fm deduced levels, J, π. Level systematics in neighboring nuclides discussed. JOUR ZAANE 29 165
	2006PO10	RADIOACTIVITY ^{253}No(α) [from ^{207}Pb(^{48}Ca, 2n)]; measured Eγ, E(ce), $\gamma\alpha$-, (ce)α-coin. ^{249}Fm deduced levels, J, π. ^{255}No(α) [from ^{208}Pb(^{48}Ca, n)]; measured prompt and delayed $\alpha\gamma$-, $\alpha\beta$-coin. ^{251}Fm deduced isomeric state. JOUR PANUE 69 1183

A=252

^{252}Cf	2006DA21	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin, fission fragment and light charged particle yields. Gammasphere array. JOUR PANUE 69 1405
	2006FO10	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-, $\alpha\gamma$-coin; deduced fission fragment isotopic yields, neutron multiplicity distributions, evidence for "hot" mode. Gammasphere array. JOUR PANUE 69 1161
	2006GO20	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-, $\alpha\gamma$-coin; deduced fission fragment isotopic yields, neutron multiplicity distributions. No "hot" fission mode seen. JOUR PRVCA 74 017309
	2006HW04	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{100}Zr deduced high-spin levels, J, π. Gammasphere array. JOUR PRVCA 74 017303

A=252 *(continued)*

	2006JO05	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{104,106,108}Mo deduced levels, J, π, configurations, collective bands features. ^{106}Mo deduced possible chiral doublet bands. Gammasphere array. JOUR PANUE 69 1198
	2006LU12	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{110,111}Tc deduced high-spin levels, J, π, configurations. Gammasphere array, cranking model calculations. Level systematics in neighboring nuclides discussed. JOUR PRVCA 74 024308
	2006RE10	RADIOACTIVITY ^{252}Cf(SF); measured neutron spectra. JOUR NIMAE 565 753
^{252}No	2006LE29	NUCLEAR REACTIONS ^{206}Pb(^{48}Ca, 2n), E=216 MeV; measured Eγ, Iγ, (recoil)γ-coin, (fission)γ-coin, Eα, Iα, (recoil)α-coin. ^{252}No deduced fission and α branching ratios.Jurosphere II array, recoil-decay and recoil-fission tagging. JOUR ZAANE 28 301
	2006LE29	RADIOACTIVITY ^{252}No(α), (SF) [from ^{206}Pb(^{48}Ca, 2n)]; measured $T_{1/2}$. JOUR ZAANE 28 301

A=253

^{253}No	2006PO10	RADIOACTIVITY ^{253}No(α) [from ^{207}Pb(^{48}Ca, 2n)]; measured Eγ, E(ce), $\gamma\alpha$-, (ce)α-coin. ^{249}Fm deduced levels, J, π. ^{255}No(α) [from ^{208}Pb(^{48}Ca, n)]; measured prompt and delayed $\alpha\gamma$-, $\alpha\beta$-coin. ^{251}Fm deduced isomeric state. JOUR PANUE 69 1183

A=254

^{254}No	2006HE19	NUCLEAR REACTIONS ^{208}Pb(^{48}Ca, 2n), E=219 MeV; measured delayed Eγ, Iγ, E(ce), I(ce), X-ray spectra. ^{254}No deduced levels, J, π, isomeric states $T_{1/2}$, configurations. Gas-filled separator, recoil-decay tagging. JOUR NATUA 442 896
	2006TA19	NUCLEAR REACTIONS ^{208}Pb(^{48}Ca, 2n), E=217 MeV; measured delayed Eγ, Iγ, E(ce), I(ce), (ce)γ-coin, X-ray spectra. ^{254}No deduced levels, J, π, isomeric states $T_{1/2}$, configurations, deformation. Mass separator, recoil-decay tagging. JOUR PRLTA 97 082502

A=255

^{255}No	2006HE20	RADIOACTIVITY ^{255}No(α) [from ^{208}Pb(^{48}Ca, n), ^{209}Bi(^{48}Ca, 2n), ^{238}U(^{22}Ne, 5n)]; measured Eα, Eγ, $\alpha\gamma$-coin, $T_{1/2}$. ^{251}Fm deduced levels, J, π. Level systematics in neighboring nuclides discussed. JOUR ZAANE 29 165
	2006PO10	RADIOACTIVITY ^{253}No(α) [from ^{207}Pb(^{48}Ca, 2n)]; measured Eγ, E(ce), $\gamma\alpha$-, (ce)α-coin. ^{249}Fm deduced levels, J, π. ^{255}No(α) [from ^{208}Pb(^{48}Ca, n)]; measured prompt and delayed $\alpha\gamma$-, $\alpha\beta$-coin. ^{251}Fm deduced isomeric state. JOUR PANUE 69 1183

A=256

No references found

A=257

No references found

A=258

No references found

A=259

No references found

A=260

No references found

A=261

^{261}Rf	2005NA46	NUCLEAR REACTIONS ^{248}Cm(^{18}O, 5n), E ≈ 90-100 MeV; measured excitation function. Chemical properties of rutherfordium studied. JOUR RAACA 93 519

A=262

^{262}Db	2006MOZW	RADIOACTIVITY ^{278}113, ^{274}Rg, ^{270}Mt, ^{266}Bh(α) [from ^{209}Bi(^{70}Zn, n) and subsequent decay]; measured Eα, $T_{1/2}$. REPT RIKEN 2005 Annual,P76,Morita

A=263

No references found

A=264

No references found

A=265

No references found

A=266

^{266}Bh	2006MOZW	RADIOACTIVITY ^{278}113, ^{274}Rg, ^{270}Mt, ^{266}Bh(α) [from ^{209}Bi(^{70}Zn, n) and subsequent decay]; measured Eα, $T_{1/2}$. REPT RIKEN 2005 Annual,P76,Morita

A=267

No references found

A=268

No references found

A=269

No references found

A=270

^{270}Mt	2006MOZW	RADIOACTIVITY ^{278}113, ^{274}Rg, ^{270}Mt, ^{266}Bh(α) [from ^{209}Bi(^{70}Zn, n) and subsequent decay]; measured Eα, $T_{1/2}$. REPT RIKEN 2005 Annual,P76,Morita

A=271

No references found

A=272

No references found

A=273

No references found

A=274

^{274}Rg	2006MOZW	RADIOACTIVITY ^{278}113, ^{274}Rg, ^{270}Mt, ^{266}Bh(α) [from ^{209}Bi(^{70}Zn, n) and subsequent decay]; measured Eα, $T_{1/2}$. REPT RIKEN 2005 Annual,P76,Morita

A=275

No references found

A=276

No references found

A=277

No references found

A=278

^{278}113	2006MOZW	RADIOACTIVITY ^{278}113, ^{274}Rg, ^{270}Mt, ^{266}Bh(α) [from ^{209}Bi(^{70}Zn, n) and subsequent decay]; measured Eα, $T_{1/2}$. REPT RIKEN 2005 Annual,P76,Morita
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