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This document lists experimental references added to Nuclear Science References (NSR) during the period October 1, 2005 to December 31, 2005. The first section lists keynumbers and keywords sorted by mass and nuclide. The second section lists all references, ordered by keynumber.

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Contents

Keynumbers and Keywords

A=1

^{1}n	2005AH07	NUCLEAR REACTIONS ^{1}H(polarized γ, π^0), (polarized γ, π^+), e $\approx$ 340 MeV; measured $\sigma(\theta)$, G asymmetries, related polarization observables. Polarized target. JOUR ZAANE 26 135
	2005GR28	NUCLEAR REACTIONS ^{1}H(π^-, $\pi^+\pi^-$), (π^+, $2\pi^+$), E=243, 264, 284, 305 MeV; ^{2}H, ^{12}C, ^{40}Ca, ^{208}Pb(π^+, $2\pi^+$), (π^+, $\pi^+\pi^-$), E=283 MeV; Sc(π^+, $2\pi^+$X), (π^+, $\pi^+\pi^-$X), E=243, 264, 284, 305 MeV; measured invariant mass distributions, $\sigma(\theta)$, correlations; deduced partial chiral symmetry restoration. JOUR NUPAB 763 80
	2005JA17	NUCLEAR REACTIONS ^{1}H(n, p), E=11 MeV; measured recoil proton spectra in scintillator. JOUR NIMAE 551 245
	2005JO21	NUCLEAR REACTIONS ^{1}H(polarized e, e'π^+), (polarized e, e'π^0), E=1.515 GeV; measured σ(E, θ), polarized longitudinal-transverse structure function; deduced sensitivity to Roper resonance. JOUR PRVCA 72 058202
	2005KHZX	RADIOACTIVITY ^{1}n(β^-); measured βp-, βpγ-coin; deduced branching ratio for radiative decay. Comparison with model predictions. PREPRINT nucl-ex/0512001,12/1/2005
	2005KI19	NUCLEAR REACTIONS ^{2}H(p, 2p), E=130 MeV; measured Ep, pp-coin, $\sigma(\theta_1, \theta_2)$; deduced three-nucleon force effects. JOUR PRVCA 72 044006
	2005KR14	NUCLEAR REACTIONS ^{3}He(polarized e, e'), E=3.465-5.727 GeV; measured parallel and perpendicular cross section differences. ^{1}n, ^{3}He deduced momentum transfer dependence of spin structure function. JOUR PRLTA 95 142002
	2005RO37	NUCLEAR REACTIONS ^{1}H(^{8}He, ^{8}He), E not given; measured recoil proton spectrum; deduced excitation function. ^{1}H(^{6}He, ^{6}Li), E not given; measured neutron spectrum, nγ-coin; deduced excitation function. ^{7,9}Li deduced resonance parameters. ^{7,9}He deduced analog states features. JOUR NIMBE 241 977
^{1}H	2005AH07	NUCLEAR REACTIONS ^{1}H(polarized γ, π^0), (polarized γ, π^+), e $\approx$ 340 MeV; measured $\sigma(\theta)$, G asymmetries, related polarization observables. Polarized target. JOUR ZAANE 26 135
	2005AN30	NUCLEAR REACTIONS ^{2}H(^{7}Be, 2α), E=1.71, 5.55 MeV; measured particle spectra, σ. ^{7}Be(d, p), E(cm) $\approx$ 0.38, 1.2 MeV; deduced astrophysical S-factors. Implications for primordial ^{7}Li abundance discussed. JOUR ASJOA 630 L105
	2005BA93	NUCLEAR REACTIONS ^{1}H(γ, π^0), E=0.3-3.0 GeV; measured pion production $\sigma(\theta)$, σ. Tagged photons. JOUR PRLTA 94 012003
	2005DEZT	NUCLEAR REACTIONS ^{1}H(π^+, π^+), (π^-, π^-), E=19, 26, 32, 37, 43 MeV; measured $\sigma(\theta)$; deduced real part of isospin forward scattering amplitude. PREPRINT nucl-ex/0512006,12/3/2005
	2005GA45	NUCLEAR REACTIONS ^{2}H(^{44}Ar, ^{45}Ar), (^{40}Ar, ^{41}Ar), E=10 MeV / nucleon; measured particle spectra, σ(E, θ). ^{45}Ar deduced levels, spectroscopic factors. JOUR JPGPE 31 S1623
	2005GR26	NUCLEAR REACTIONS ^{1}H(e, e'γ), E=high; measured σ(Q^2, W) for deeply virtual Compton scattering. JOUR ZCCNE 44 S1

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2005GU29 NUCLEAR REACTIONS ^{2}H(^{8}Li, ^{9}Li), E(cm)=7.8 MeV; measured $\sigma(\theta)$; deduced asymptotic normalization coefficient. ^{8}B(p, γ), E=low; calculated astrophysical S-factor. DWBA analysis, inverse kinematics, comparison with data. JOUR NUPAB 761 162

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2005JO21 NUCLEAR REACTIONS ^{1}H(polarized e, e'π^{+}), (polarized e, e'π^{0}), E=1.515 GeV; measured σ(E, θ), polarized longitudinal-transverse structure function; deduced sensitivity to Roper resonance. JOUR PRVCA 72 058202

2005KHZX RADIOACTIVITY ^{1}n(β^{-}); measured βp-, βpγ-coin; deduced branching ratio for radiative decay. Comparison with model predictions. PREPRINT nucl-ex/0512001,12/1/2005

2005MAZM NUCLEAR REACTIONS ^{2}H(^{48}Ca, ^{49}Ca), E=105 MeV; measured Eγ, Iγ, (particle)γ-coin. ^{48}Ca(polarized d, p), E=14 MeV; measured proton spectra, $\sigma(\theta)$. ^{49}Ca deduced levels, J, π. REPT MLL 2004 Annual,P8,Maierbeck

2005NA36 NUCLEAR REACTIONS ^{2}H, C(^{7}Li, ^{7}Be), E=65 MeV / nucleon; measured spin-flip and spin-nonflip particle spectra; deduced charge-exchange spin-flip σ. ^{2}H(γ, n), E $\approx$ 1.5-10 MeV; deduced magnetic dipole σ. Comparison with previous results, model predictions. JOUR PRVCA 72 041001

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2005SE22 NUCLEAR REACTIONS ^{2}H(p, p), E=135 MeV; ^{1}H(d, d), E=135 MeV / nucleon; measured $\sigma(\theta)$; deduced relativistic effects, three-nucleon force effects. Comparison with previous results. JOUR PRLTA 95 162301

2005SEZV NUCLEAR REACTIONS ^{2}H(p, p), E=135 MeV; ^{1}H(d, d), E=270 MeV; measured $\sigma(\theta)$. Comparison with model predictions and previous data. PREPRINT nucl-ex/0510005,10/3/2005

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^{2}H 2005AI06 NUCLEAR REACTIONS ^{1}H(e^{+}, e^{+}'X), E at 27.7 GeV / c; measured tensor asymmetry. ^{2}H deduced tensor structure function. Polarized target. JOUR PRLTA 95 242001

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2005CU06 NUCLEAR REACTIONS ^{7}Li(^{7}Li, ^{11}B), (^{7}Li, ^{12}B), E=58 MeV; ^{12}C, ^{16}O(^{7}Li, ^{10}B), E=58 MeV; measured particle spectra. ^{10,11,12}B deduced relative yields for α+Li and H+Be decay channels from excited states. JOUR PRVCA 72 044320

2005LA30 NUCLEAR REACTIONS H, C(polarized d, pX), E at 9 GeV / c; measured tensor analyzing power vs proton transverse momentum. ^{2}H deduced wave function features. JOUR PYLBB 629 60

2005SE22 NUCLEAR REACTIONS ^{2}H(p, p), E=135 MeV; ^{1}H(d, d), E=135 MeV / nucleon; measured $\sigma(\theta)$; deduced relativistic effects, three-nucleon force effects. Comparison with previous results. JOUR PRLTA 95 162301

2005SEZV NUCLEAR REACTIONS ^{2}H(p, p), E=135 MeV; ^{1}H(d, d), E=270 MeV; measured $\sigma(\theta)$. Comparison with model predictions and previous data. PREPRINT nucl-ex/0510005,10/3/2005

2005SH51 NUCLEAR REACTIONS ^{4}He(γ, p), (γ, n), (γ, np), E=21.8-29.8 MeV; ^{12}C(γ, p), (γ, n), E=22.3-32 MeV; measured charged particle spectra, photodisintegration σ, $\sigma(\theta)$. Monoenergetic pulsed photons, comparison with previous results and model predictions. JOUR PRVCA 72 044004

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^{3}H 2005CU06 NUCLEAR REACTIONS ^{7}Li(^{7}Li, ^{11}B), (^{7}Li, ^{12}B), E=58 MeV; ^{12}C, ^{16}O(^{7}Li, ^{10}B), E=58 MeV; measured particle spectra. ^{10,11,12}B deduced relative yields for α+Li and H+Be decay channels from excited states. JOUR PRVCA 72 044320

2005GI18 NUCLEAR REACTIONS ^{1}H(^{6}He, α), E=25 MeV / nucleon; measured $\sigma(\theta)$; deduced particle transfer contributions, entrance potential dependence. ^{6}He deduced spectroscopic factors for t+t and a+2n cluster configurations. SPEG spectrometer and MUST array at GANIL. DWBA and coupled-channels calculations. JOUR ZAANE 25 s01 267

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2005MI32 NUCLEAR REACTIONS ^{4}He(^{22}O, ^{23}F), E=35 MeV / nucleon; ^{4}He(^{23}F, ^{23}F'), E=41.5 MeV / nucleon; ^{4}He(^{24}F, ^{23}F), E=36 MeV / nucleon; measured Eγ, Iγ, (particle)γ-, $\gamma\gamma$-coin; deduced σ(E). ^{23}F deduced levels, J, π. DWBA analysis. JOUR ZAANE 25 s01 367

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2005RA27 NUCLEAR REACTIONS ^{2}H(d, p), E $\approx$ 4-23 keV; measured S-factors, electron screening effects for reactions in deuterated metals, temperature dependence. JOUR JPGPE 31 1141

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	2005SH51	NUCLEAR REACTIONS ^{4}He(γ, p), (γ, n), (γ, np), E=21.8-29.8 MeV; ^{12}C(γ, p), (γ, n), E=22.3-32 MeV; measured charged particle spectra, photodisintegration σ, $\sigma(\theta)$. Monoenergetic pulsed photons, comparison with previous results and model predictions. JOUR PRVCA 72 044004
	2005ST30	NUCLEAR REACTIONS ^{4}He(e, e'pπ^-), (e, e'pπ^0), E=672 MeV; measured Ep, recoil spectra, $\sigma(\theta)$. Comparison with model predictions. JOUR PRLTA 95 172501
	2005TU09	NUCLEAR REACTIONS ^{2}H(^{6}Li, tα), E=14 MeV; measured triton and α spectra. ^{6}Li(n, α), E $\approx$ 0-1 MeV; deduced $\sigma(\theta)$. JOUR ZAANE 25 s01 649
	2005VE08	NUCLEAR REACTIONS ^{6}Li(n, α), E=reactor; measured triton spectra, angular distribution; deduced P-odd asymmetry coefficient. JOUR PZETA 82 519
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	2005KR14	NUCLEAR REACTIONS ^{3}He(polarized e, e'), E=3.465-5.727 GeV; measured parallel and perpendicular cross section differences. ^{1}n, ^{3}He deduced momentum transfer dependence of spin structure function. JOUR PRLTA 95 142002
	2005NI20	NUCLEAR REACTIONS ^{4}He(γ, n), E=23-42 MeV; measured $\sigma(\theta)$; deduced angle-integrated σ. Comparison with previous data and various model calculations. Liquid target, tagged photons. JOUR PYLBB 626 65
	2005SH51	NUCLEAR REACTIONS ^{4}He(γ, p), (γ, n), (γ, np), E=21.8-29.8 MeV; ^{12}C(γ, p), (γ, n), E=22.3-32 MeV; measured charged particle spectra, photodisintegration σ, $\sigma(\theta)$. Monoenergetic pulsed photons, comparison with previous results and model predictions. JOUR PRVCA 72 044004
	2005ST30	NUCLEAR REACTIONS ^{4}He(e, e'pπ^-), (e, e'pπ^0), E=672 MeV; measured Ep, recoil spectra, $\sigma(\theta)$. Comparison with model predictions. JOUR PRLTA 95 172501

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^{4}n	2005KI20	NUCLEAR REACTIONS ^{4}He(π^+, π^-), E=120, 150, 180, 240, 270 MeV; ^{4}He(π^-, π^+), E=180, 240 MeV; measured σ(E, θ); deduced multiple scattering effects, total σ. JOUR PRVCA 72 044608
^{4}He	2005MI32	NUCLEAR REACTIONS ^{4}He(^{22}O, ^{23}F), E=35 MeV / nucleon; ^{4}He(^{23}F, ^{23}F'), E=41.5 MeV / nucleon; ^{4}He(^{24}F, ^{23}F), E=36 MeV / nucleon; measured Eγ, Iγ, (particle)γ-, $\gamma\gamma$-coin; deduced σ(E). ^{23}F deduced levels, J, π. DWBA analysis. JOUR ZAANE 25 s01 367

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	2005MIZT	NUCLEAR REACTIONS ^{4}He(^{22}O, ^{23}F), (^{23}F, ^{23}F'), (^{24}F, ^{23}F), (^{25}Ne, ^{23}F), E ≈ 35-43 MeV / nucleon; measured Eγ, Iγ, (particle)γ-, $\gamma\gamma$-coin. ^{4}He(^{22}O, ^{23}F), E=35 MeV / nucleon; measured $\sigma(\theta)$. ^{23}F deduced levels, J, π, configurations. REPT CNS-REP-67,Michimasa
	2005SU25	RADIOACTIVITY ^{8}B(ECα) [from ^{6}Li(^{3}He, n)]; ^{8}Li($\beta^{-}\alpha$) [from ^{7}Li(d, p)]; measured β-NMR spectra; angular correlations; deduced limit on G-parity term. JOUR ZAANE 25 s01 709
	2005WRZZ	NUCLEAR REACTIONS ^{2}H(d, X)^{4}He, E ≈ threshold; measured η production σ, $\sigma(\theta)$. PREPRINT nucl-ex/0510056,10/20/2005
^{4}Be	2005KI20	NUCLEAR REACTIONS ^{4}He(π^{+}, π^{-}), E=120, 150, 180, 240, 270 MeV; ^{4}He(π^{-}, π^{+}), E=180, 240 MeV; measured σ(E, θ); deduced multiple scattering effects, total σ. JOUR PRVCA 72 044608

A=5

^{5}H	2005TE05	NUCLEAR REACTIONS ^{3}H(t, p), E=58 MeV; ^{2}H(^{6}He, t), (^{6}He, ^{3}He), E=132 MeV; measured particle spectra, angular correlations following residual nucleus decay. ^{5}He deduced resonances J, π, IAS features. ^{5}H deduced ground-state resonance energy. JOUR ZAANE 25 s01 315
^{5}He	2005MI32	NUCLEAR REACTIONS ^{4}He(^{22}O, ^{23}F), E=35 MeV / nucleon; ^{4}He(^{23}F, ^{23}F'), E=41.5 MeV / nucleon; ^{4}He(^{24}F, ^{23}F), E=36 MeV / nucleon; measured Eγ, Iγ, (particle)γ-, $\gamma\gamma$-coin; deduced σ(E). ^{23}F deduced levels, J, π. DWBA analysis. JOUR ZAANE 25 s01 367
	2005MIZT	NUCLEAR REACTIONS ^{4}He(^{22}O, ^{23}F), (^{23}F, ^{23}F'), (^{24}F, ^{23}F), (^{25}Ne, ^{23}F), E ≈ 35-43 MeV / nucleon; measured Eγ, Iγ, (particle)γ-, $\gamma\gamma$-coin. ^{4}He(^{22}O, ^{23}F), E=35 MeV / nucleon; measured $\sigma(\theta)$. ^{23}F deduced levels, J, π, configurations. REPT CNS-REP-67,Michimasa
	2005SO13	NUCLEAR REACTIONS ^{16}O(^{9}Be, α^{7}Be), ^{7}Li(^{9}Be, α^{7}Li), (^{9}Be, t2α), E=55, 70 MeV; measured excitation energy spectra. ^{11}B, ^{11}C deduced excited states energies, configurations. JOUR JPGPE 31 S1701
	2005TE05	NUCLEAR REACTIONS ^{3}H(t, p), E=58 MeV; ^{2}H(^{6}He, t), (^{6}He, ^{3}He), E=132 MeV; measured particle spectra, angular correlations following residual nucleus decay. ^{5}He deduced resonances J, π, IAS features. ^{5}H deduced ground-state resonance energy. JOUR ZAANE 25 s01 315

A=6

^{6}He	2005GI18	NUCLEAR REACTIONS ^{1}H(^{6}He, α), E=25 MeV / nucleon; measured $\sigma(\theta)$; deduced particle transfer contributions, entrance potential dependence. ^{6}He deduced spectroscopic factors for t+t and a+2n cluster configurations. SPEG spectrometer and MUST array at GANIL. DWBA and coupled-channels calculations. JOUR ZAANE 25 s01 267
	2005HA64	NUCLEAR REACTIONS ^{1}H(^{6}He, ^{6}He), E=71 MeV / nucleon; measured $\sigma(\theta)$, analyzing powers; deduced optical model parameters. ^{6}He deduced rms radius. Polarized target. Comparison with model predictions. JOUR ZAANE 25 s01 255

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	2005KI21	NUCLEAR REACTIONS ^{1}H(^{6}He, p), (^{8}He, p), E ≈ 700 MeV / nucleon; measured recoil proton spectra, σ(E, θ). ^{6,8}He deduced nuclear matter density distributions, charge radii, cluster configurations, spectroscopic factors. JOUR ZAANE 25 s01 215
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	2005BO49	NUCLEAR REACTIONS ^{1}H(^{6}He, n), E not given; measured Doppler-shifted Eγ, Iγ. ^{7}Li deduced resonance features, IAS. JOUR ZAANE 25 s01 259
	2005MIZT	NUCLEAR REACTIONS ^{4}He(^{22}O, ^{23}F), (^{23}F, ^{23}F'), (^{24}F, ^{23}F), (^{25}Ne, ^{23}F), E ≈ 35-43 MeV / nucleon; measured Eγ, Iγ, (particle)γ-, $\gamma\gamma$-coin. ^{4}He(^{22}O, ^{23}F), E=35 MeV / nucleon; measured $\sigma(\theta)$. ^{23}F deduced levels, J, π, configurations. REPT CNS-REP-67,Michimasa
	2005NO15	NUCLEAR MOMENTS ^{6,7,8,9}Li; measured hfs, isotope shifts; deduced charge radii. Resonance ionization mass spectroscopy, comparison with model predictions. JOUR ZAANE 25 s01 199
^{6}Be	2004GU21	NUCLEAR REACTIONS ^{9}Be(^{14}B, ^{13}BX), E=60 MeV / nucleon; measured Eγ, Iγ, particle momentum distribution, σ(E). ^{13}B deduced levels, J, π, asymptotic normalization coefficients. ^{2}H(^{8}B, α), E=28.5 MeV; measured Eα. JOUR BJPHE 34 1012

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^{7}He	2005RO37	NUCLEAR REACTIONS ^{1}H(^{8}He, ^{8}He), E not given; measured recoil proton spectrum; deduced excitation function. ^{1}H(^{6}He, ^{6}Li), E not given; measured neutron spectrum, nγ-coin; deduced excitation function. ^{7,9}Li deduced resonance parameters. ^{7,9}He deduced analog states features. JOUR NIMBE 241 977
^{7}Li	2005BA96	NUCLEAR REACTIONS ^{7}Li(^{7}Be, ^{7}Be), E(cm)=8.87, 9.87 MeV; measured $\sigma(\theta)$; deduced optical model parameters. JOUR PRVCA 72 044602
	2005BO49	NUCLEAR REACTIONS ^{1}H(^{6}He, n), E not given; measured Doppler-shifted Eγ, Iγ. ^{7}Li deduced resonance features, IAS. JOUR ZAANE 25 s01 259
	2005NO15	NUCLEAR MOMENTS ^{6,7,8,9}Li; measured hfs, isotope shifts; deduced charge radii. Resonance ionization mass spectroscopy, comparison with model predictions. JOUR ZAANE 25 s01 199
	2005RO37	NUCLEAR REACTIONS ^{1}H(^{8}He, ^{8}He), E not given; measured recoil proton spectrum; deduced excitation function. ^{1}H(^{6}He, ^{6}Li), E not given; measured neutron spectrum, nγ-coin; deduced excitation function. ^{7,9}Li deduced resonance parameters. ^{7,9}He deduced analog states features. JOUR NIMBE 241 977

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	2005RU18	NUCLEAR REACTIONS ^{7}Li(^{11}B, X), E=44 MeV; measured particle spectra, charge distributions. ^{7}Li(^{11}B, ^{11}B), (^{11}B, ^{11}B'), E=44 MeV; measured σ(E, θ); ^{11}B(^{7}Li, ^{7}Li), (^{7}Li, ^{7}Li'), E=34 MeV; analyzed σ(E, θ); deduced optical model parameters, transfer channel contributions, reorientation effects. ^{7}Li, ^{11}B deduced deformation parameters. Optical model and coupled-reaction-channels analysis. JOUR PRVCA 72 034608
^{7}Be	2005DA41	NUCLEAR REACTIONS H, C(^{7}Li, X)^{7}Be, E ≈ 25-30 MeV; measured yields. JOUR NIMBE 241 953
	2005SE23	NUCLEAR REACTIONS ^{197}Au(n, γ), E=spectrum; measured Eγ, Iγ; deduced neutron flux. ^{7}Li(p, n), E not given; deduced neutron spectrum. ^{62}Ni(n, γ), E ≈ 5.5-20 keV; measured σ; deduced Maxwellian-averaged σ. JOUR JUPSA 74 2981

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^{8}He	2005KI21	NUCLEAR REACTIONS ^{1}H(^{6}He, p), (^{8}He, p), E ≈ 700 MeV / nucleon; measured recoil proton spectra, σ(E, θ). ^{6,8}He deduced nuclear matter density distributions, charge radii, cluster configurations, spectroscopic factors. JOUR ZAANE 25 s01 215
^{8}Li	2005BO45	RADIOACTIVITY ^{8,9}Li(β^-) [from Ta(p, X)]; measured β-asymmetries, β-NMR spectra from polarized sources. ^{8,9}Li deduced quadrupole moments. ^{9}Li deduced μ. Comparisons with previous results and model predictions. JOUR PRVCA 72 044309
	2005NO15	NUCLEAR MOMENTS ^{6,7,8,9}Li; measured hfs, isotope shifts; deduced charge radii. Resonance ionization mass spectroscopy, comparison with model predictions. JOUR ZAANE 25 s01 199
	2005SU25	RADIOACTIVITY ^{8}B(ECα) [from ^{6}Li(^{3}He, n)]; ^{8}Li($\beta^-\alpha$) [from ^{7}Li(d, p)]; measured β-NMR spectra; angular correlations; deduced limit on G-parity term. JOUR ZAANE 25 s01 709
^{8}Be	2005AN30	NUCLEAR REACTIONS ^{2}H(^{7}Be, 2α), E=1.71, 5.55 MeV; measured particle spectra, σ. ^{7}Be(d, p), E(cm) ≈ 0.38, 1.2 MeV; deduced astrophysical S-factors. Implications for primordial ^{7}Li abundance discussed. JOUR ASJOA 630 L105
	2005BO45	RADIOACTIVITY ^{8,9}Li(β^-) [from Ta(p, X)]; measured β-asymmetries, β-NMR spectra from polarized sources. ^{8,9}Li deduced quadrupole moments. ^{9}Li deduced μ. Comparisons with previous results and model predictions. JOUR PRVCA 72 044309
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	2005SPZY	NUCLEAR REACTIONS ^{12}C(^{32}S, ^{36}Ar), E=65 MeV; ^{12}C(^{34}S, ^{38}Ar), E=67 MeV; measured Eγ, Iγ(θ, H, t), $\alpha\gamma$-coin. ^{36,38}Ar levels deduced g factors. Transient field technique. Comparison with shell model predictions. REPT MLL 2004 Annual,P5,Speidel
^{8}B	2005SU25	RADIOACTIVITY ^{8}B(ECα) [from ^{6}Li(^{3}He, n)]; ^{8}Li($\beta^-\alpha$) [from ^{7}Li(d, p)]; measured β-NMR spectra; angular correlations; deduced limit on G-parity term. JOUR ZAANE 25 s01 709

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	2005TA32	NUCLEAR REACTIONS Be, C, Al(^{12}C, X), E=30-200 MeV / nucleon; Be(^{9}Be, X), E=70-100 MeV / nucleon; measured reaction σ(E); deduced nucleon-nucleon interaction range. ^{8}B deduced nuclear matter density distribution. Comparison with Glauber calculations. JOUR ZAANE 25 s01 217

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^{9}He	2005RO37	NUCLEAR REACTIONS ^{1}H(^{8}He, ^{8}He), E not given; measured recoil proton spectrum; deduced excitation function. ^{1}H(^{6}He, ^{6}Li), E not given; measured neutron spectrum, nγ-coin; deduced excitation function. ^{7,9}Li deduced resonance parameters. ^{7,9}He deduced analog states features. JOUR NIMBE 241 977
^{9}Li	2005BO45	RADIOACTIVITY ^{8,9}Li(β^-) [from Ta(p, X)]; measured β-asymmetries, β-NMR spectra from polarized sources. ^{8,9}Li deduced quadrupole moments. ^{9}Li deduced μ. Comparisons with previous results and model predictions. JOUR PRVCA 72 044309
	2005NO15	NUCLEAR MOMENTS ^{6,7,8,9}Li; measured hfs, isotope shifts; deduced charge radii. Resonance ionization mass spectroscopy, comparison with model predictions. JOUR ZAANE 25 s01 199
	2005RO37	NUCLEAR REACTIONS ^{1}H(^{8}He, ^{8}He), E not given; measured recoil proton spectrum; deduced excitation function. ^{1}H(^{6}He, ^{6}Li), E not given; measured neutron spectrum, nγ-coin; deduced excitation function. ^{7,9}Li deduced resonance parameters. ^{7,9}He deduced analog states features. JOUR NIMBE 241 977
^{9}Be	2005AD35	NUCLEAR REACTIONS ^{6}Li(^{6}Li, αX), (^{7}Li, αX), E=14-20 MeV; measured α-spectra. ^{12}C(n, α), E=72.8 MeV; ^{28}Si(^{6}Li, α), E=36 MeV; analyzed α-spectra. Statistical model calculations. Target-projectile symmetry discussed. JOUR ZAANE 25 s01 299
	2005BO45	RADIOACTIVITY ^{8,9}Li(β^-) [from Ta(p, X)]; measured β-asymmetries, β-NMR spectra from polarized sources. ^{8,9}Li deduced quadrupole moments. ^{9}Li deduced μ. Comparisons with previous results and model predictions. JOUR PRVCA 72 044309
	2005YE05	NUCLEAR REACTIONS ^{9}Be(^{6}He, ^{6}He), (^{6}He, ^{5}He), (^{6}He, α), (^{6}He, αX), (^{6}He, tX), E=25 MeV / nucleon; measured quasielastic, breakup, and transfer $\sigma(\theta)$. ^{6}He deduced two-triton configuration. JOUR JPGPE 31 S1647
^{9}C	2005GU29	NUCLEAR REACTIONS ^{2}H(^{8}Li, ^{9}Li), E(cm)=7.8 MeV; measured $\sigma(\theta)$; deduced asymptotic normalization coefficient. ^{8}B(p, γ), E=low; calculated astrophysical S-factor. DWBA analysis, inverse kinematics, comparison with data. JOUR NUPAB 761 162

A=10

^{10}Be	2005YE05	NUCLEAR REACTIONS ^{9}Be(^{6}He, ^{6}He), (^{6}He, ^{5}He), (^{6}He, α), (^{6}He, αX), (^{6}He, tX), E=25 MeV / nucleon; measured quasielastic, breakup, and transfer $\sigma(\theta)$. ^{6}He deduced two-triton configuration. JOUR JPGPE 31 S1647
^{10}B	2005CU06	NUCLEAR REACTIONS ^{7}Li(^{7}Li, ^{11}B), (^{7}Li, ^{12}B), E=58 MeV; ^{12}C, ^{16}O(^{7}Li, ^{10}B), E=58 MeV; measured particle spectra. ^{10,11,12}B deduced relative yields for α+Li and H+Be decay channels from excited states. JOUR PRVCA 72 044320

A=11

^{11}Li	2005BB01	ATOMIC MASSES ^{11}Li; measured mass; deduced two-neutron separation energy. ^{11}Be; measured mass. Transmission mass spectrometer. JOUR ZAANE 25 s01 31
^{11}Be	2005BB01	ATOMIC MASSES ^{11}Li; measured mass; deduced two-neutron separation energy. ^{11}Be; measured mass. Transmission mass spectrometer. JOUR ZAANE 25 s01 31
	2005PA68	NUCLEAR REACTIONS C(^{12}Be, n^{11}Be), E=39.3 MeV / nucleon; measured En, Eγ, projectile-like fragments spectra, relative energy spectra; deduced σ(E). ^{11}Be deduced excited states. ^{12}Be deduced ground state configuration. Kinematically complete measurement. JOUR ZAANE 25 s01 349
	2005PAZV	NUCLEAR REACTIONS C(^{12}Be, ^{11}BeX), E(cm) $\approx$ 39.3 MeV; measured Eγ, En, (particle)γ-, (particle)n-coin; deduced one-neutron removal σ(E). ^{11}Be levels deduced spectroscopic factors. ^{12}Be deduced ground-state configuration. PREPRINT nucl-ex/0510048,10/16/2005
	2005YE05	NUCLEAR REACTIONS ^{9}Be(^{6}He, ^{6}He), (^{6}He, ^{5}He), (^{6}He, α), (^{6}He, αX), (^{6}He, tX), E=25 MeV / nucleon; measured quasielastic, breakup, and transfer $\sigma(\theta)$. ^{6}He deduced two-triton configuration. JOUR JPGPE 31 S1647
^{11}B	2005CU06	NUCLEAR REACTIONS ^{7}Li(^{7}Li, ^{11}B), (^{7}Li, ^{12}B), E=58 MeV; ^{12}C, ^{16}O(^{7}Li, ^{10}B), E=58 MeV; measured particle spectra. ^{10,11,12}B deduced relative yields for α+Li and H+Be decay channels from excited states. JOUR PRVCA 72 044320
	2005KAZU	NUCLEAR REACTIONS ^{11}B(d, d'), E=200 MeV; measured σ(E, θ). ^{11}B levels deduced isoscalar monopole and quadrupole strengths, cluster structure. Comparison with antisymmetrized molecular dynamics model predictions. PREPRINT nucl-ex/0512040,12/25/2005
	2005RU18	NUCLEAR REACTIONS ^{7}Li(^{11}B, X), E=44 MeV; measured particle spectra, charge distributions. ^{7}Li(^{11}B, ^{11}B), (^{11}B, ^{11}B'), E=44 MeV; measured σ(E, θ); ^{11}B(^{7}Li, ^{7}Li), (^{7}Li, ^{7}Li'), E=34 MeV; analyzed σ(E, θ); deduced optical model parameters, transfer channel contributions, reorientation effects. ^{7}Li, ^{11}B deduced deformation parameters. Optical model and coupled-reaction-channels analysis. JOUR PRVCA 72 034608

A=11 *(continued)*

	2005SH51	NUCLEAR REACTIONS ^{4}He(γ, p), (γ, n), (γ, np), E=21.8-29.8 MeV; ^{12}C(γ, p), (γ, n), E=22.3-32 MeV; measured charged particle spectra, photodisintegration σ, $\sigma(\theta)$. Monoenergetic pulsed photons, comparison with previous results and model predictions. JOUR PRVCA 72 044004
	2005SO13	NUCLEAR REACTIONS ^{16}O(^{9}Be, α^{7}Be), ^{7}Li(^{9}Be, α^{7}Li), (^{9}Be, t2α), E=55, 70 MeV; measured excitation energy spectra. ^{11}B, ^{11}C deduced excited states energies, configurations. JOUR JPGPE 31 S1701
^{11}C	2005SH51	NUCLEAR REACTIONS ^{4}He(γ, p), (γ, n), (γ, np), E=21.8-29.8 MeV; ^{12}C(γ, p), (γ, n), E=22.3-32 MeV; measured charged particle spectra, photodisintegration σ, $\sigma(\theta)$. Monoenergetic pulsed photons, comparison with previous results and model predictions. JOUR PRVCA 72 044004
	2005SO13	NUCLEAR REACTIONS ^{16}O(^{9}Be, α^{7}Be), ^{7}Li(^{9}Be, α^{7}Li), (^{9}Be, t2α), E=55, 70 MeV; measured excitation energy spectra. ^{11}B, ^{11}C deduced excited states energies, configurations. JOUR JPGPE 31 S1701

A=12

^{12}Be	2005PA68	NUCLEAR REACTIONS C(^{12}Be, n^{11}Be), E=39.3 MeV / nucleon; measured En, Eγ, projectile-like fragments spectra, relative energy spectra; deduced σ(E). ^{11}Be deduced excited states. ^{12}Be deduced ground state configuration. Kinematically complete measurement. JOUR ZAANE 25 s01 349
	2005PAZV	NUCLEAR REACTIONS C(^{12}Be, ^{11}BeX), E(cm) $\approx$ 39.3 MeV; measured Eγ, En, (particle)γ-, (particle)n-coin; deduced one-neutron removal σ(E). ^{11}Be levels deduced spectroscopic factors. ^{12}Be deduced ground-state configuration. PREPRINT nucl-ex/0510048,10/16/2005
^{12}B	2005CU06	NUCLEAR REACTIONS ^{7}Li(^{7}Li, ^{11}B), (^{7}Li, ^{12}B), E=58 MeV; ^{12}C, ^{16}O(^{7}Li, ^{10}B), E=58 MeV; measured particle spectra. ^{10,11,12}B deduced relative yields for α+Li and H+Be decay channels from excited states. JOUR PRVCA 72 044320
	2005DI16	RADIOACTIVITY ^{12}B(β^-), ($\beta^-3\alpha$) [from Ta(p, X)]; measured β-delayed Eα, $\alpha\alpha$-coin. ^{12}C deduced excited states, J, π. R-matrix analysis. JOUR NUPAB 760 3
^{12}C	2005AL37	NUCLEAR REACTIONS ^{12}C(^{3}He, tπ^+), E=2 GeV; measured excitation energy spectra. ^{1}H(d, d'X), (α, α'X), E $\approx$ 1 GeV / nucleon; measured missing mass spectra. JOUR NIMAE 551 290
	2005DA42	NUCLEAR REACTIONS ^{12}C(^{132}Te, ^{132}Te'), (^{130}Te, ^{130}Te'), (^{126}Te, ^{126}Te'), (^{122}Te, ^{122}Te'), E=3 MeV / nucleon; measured Eγ, I$\gamma(\theta)$, (particle)γ-coin following projectile Coulomb excitation. ^{132}Te level deduced g-factor. Recoil-in-vacuum technique. JOUR NIMBE 241 971
	2005DI16	RADIOACTIVITY ^{12}B(β^-), ($\beta^-3\alpha$) [from Ta(p, X)]; measured β-delayed Eα, $\alpha\alpha$-coin. ^{12}C deduced excited states, J, π. R-matrix analysis. JOUR NUPAB 760 3
	2005GO36	ATOMIC MASSES ^{12}C, ^{16}O, ^{20}Ne, ^{32}S, ^{36,40}Ar; measured masses. Cyclotron-based mass spectrometry. JOUR JPGPE 31 S1869

A=12 *(continued)*

	2005GR25	NUCLEAR REACTIONS ^{64}Ni(^{132}Sn, X), (^{134}Sn, X), E=450-620 MeV; measured fusion σ. C(^{130}Te, ^{130}Te'), (^{132}Te, ^{132}Te'), E=3 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{132}Te level deduced g factor. ^{13}C(^{134}Te, ^{135}Te), E=550 MeV; measured Eγ, Iγ. ^{135}Te level deduced J, π. JOUR JPGPE 31 S1639
	2005KN02	RADIOACTIVITY ^{13}O(β^+p) [from ^{14}N(p, 2n)]; measured β-delayed Ep, Ip; deduced log ft. ^{13}N deduced branching ratios for proton decay from excited states. JOUR PRVCA 72 044312
	2005KU36	NUCLEAR REACTIONS ^{15}N(p, $\alpha\gamma$), E $\approx$ 429, 897 keV; measured γ-ray yields for nitrogen in various materials; deduced depth profiles. JOUR NIMBE 240 704
	2005SO14	NUCLEAR REACTIONS ^{12}C(^{6}Li, dα), E=26 MeV; ^{59}Co(^{6}Li, dα), E=30 MeV; measured particle spectra, $\sigma(\theta(\alpha), \theta(\mathrm{d}))$, three-body final state correlations; deduced reaction mechanism features. JOUR BJPHE 35 888

A=13

^{13}B	2004GU21	NUCLEAR REACTIONS ^{9}Be(^{14}B, ^{13}BX), E=60 MeV / nucleon; measured Eγ, Iγ, particle momentum distribution, σ(E). ^{13}B deduced levels, J, π, asymptotic normalization coefficients. ^{2}H(^{8}B, α), E=28.5 MeV; measured Eα. JOUR BJPHE 34 1012
^{13}C	2005CU06	NUCLEAR REACTIONS ^{7}Li(^{7}Li, ^{11}B), (^{7}Li, ^{12}B), E=58 MeV; ^{12}C, ^{16}O(^{7}Li, ^{10}B), E=58 MeV; measured particle spectra. ^{10,11,12}B deduced relative yields for α+Li and H+Be decay channels from excited states. JOUR PRVCA 72 044320
^{13}N	2005FE11	NUCLEAR REACTIONS ^{1}H(^{12}C, γ), E(cm)=206.8, 229.5 keV; measured yields. Accelerator mass spectrometry. JOUR NIMBE 240 495
	2005KN02	RADIOACTIVITY ^{13}O(β^+p) [from ^{14}N(p, 2n)]; measured β-delayed Ep, Ip; deduced log ft. ^{13}N deduced branching ratios for proton decay from excited states. JOUR PRVCA 72 044312
	2006LE01	NUCLEAR REACTIONS ^{13}C(p, n), E=5-30 MeV; measured neutron yield. Comparison with previous results. JOUR NIMAE 556 397
^{13}O	2005KN02	RADIOACTIVITY ^{13}O(β^+p) [from ^{14}N(p, 2n)]; measured β-delayed Ep, Ip; deduced log ft. ^{13}N deduced branching ratios for proton decay from excited states. JOUR PRVCA 72 044312

A=14

^{14}C	2005MC12	NUCLEAR REACTIONS ^{12}C(^{16}O, ^{14}O), E not given; measured excitation energy spectra. ^{14}C deduced decay branch widths. JOUR JPGPE 31 S1921
	2005NE14	NUCLEAR REACTIONS ^{14}N(d, 2p), E=170 MeV; ^{14}N(^{3}He, t), E=420 MeV; measured excitation energy spectra; deduced isospin symmetry features. JOUR JPGPE 31 S1931

A=14 *(continued)*

	2005SO13	NUCLEAR REACTIONS ^{16}O(^{9}Be, α^{7}Be), ^{7}Li(^{9}Be, α^{7}Li), (^{9}Be, t2α), E=55, 70 MeV; measured excitation energy spectra. ^{11}B, ^{11}C deduced excited states energies, configurations. JOUR JPGPE 31 S1701
^{14}N	2005BL23	NUCLEAR REACTIONS ^{12}C, ^{14}N(^{17}F, ^{17}F), E=10 MeV / nucleon; measured $\sigma(\theta)$; deduced parameters, reaction mechanism features. Double-folding procedure. JOUR PRVCA 72 034606
	2005MA92	NUCLEAR REACTIONS ^{13}C(p, γ), E$\approx$ 450-680 MeV; measured Eγ, Iγ. ^{14}N deduced resonance width. Monolayer target. JOUR NIMAE 555 31
	2005RA26	NUCLEAR MOMENTS ^{14}N; measured hfs; deduced parameters. JOUR CHPLB 415 161
^{14}O	2005GU25	NUCLEAR REACTIONS ^{1}H(^{14}O, p), E=120 MeV; measured recoil proton spectra, $\sigma(\theta)$. ^{15}F deduced resonance energies, J, π. JOUR PRVCA 72 034312
	2005NE14	NUCLEAR REACTIONS ^{14}N(d, 2p), E=170 MeV; ^{14}N(^{3}He, t), E=420 MeV; measured excitation energy spectra; deduced isospin symmetry features. JOUR JPGPE 31 S1931

A=15

^{15}C	2005DA38	NUCLEAR REACTIONS Pb(^{17}C, n^{16}C), (^{23}O, n^{22}O), E $\approx$ 400-600 MeV / nucleon; measured Eγ, Iγ, Coulomb dissociation σ. ^{14}C(n, γ), E(cm)=23 keV; deduced capture σ. JOUR JPGPE 31 S1583
	2005DA43	NUCLEAR REACTIONS Pb(^{17}C, n^{16}C), (^{23}O, n^{22}O), E $\approx$ 400-600 MeV / nucleon; measured Eγ, Iγ, Coulomb dissociation σ. ^{14}C(n, γ), E(cm)=23 keV; deduced capture σ. JOUR ZAANE 25 s01 339
^{15}N	2005CA42	NUCLEAR MOMENTS ^{2}H, ^{15}N; measured hfs; deduced parameters. JOUR APJSA 159 181
	2005LA28	NUCLEAR REACTIONS ^{2}H(^{14}N, p), E=10.6 MeV / nucleon; measured Ep, Eγ, $\sigma(\theta)$. Comparison with previous results. JOUR JPGPE 31 S1691
^{15}O	2005BB05	NUCLEAR REACTIONS ^{1}H(^{18}F, p), E(cm) $\approx$ 0.3-1.3 MeV; measured Ep, $\sigma(\theta)$; deduced excitation functions. ^{19}Ne deduced resonance energies, J, π, analog states. ^{18}F(p, α), (p, γ), E=low; calculated astrophysical reaction rates. JOUR ZAANE 25 s01 643
	2005IM02	NUCLEAR REACTIONS ^{14}N(p, γ), E(cm)=119-367 keV; measured Eγ, Iγ, excitation functions; deduced astrophysical S-factors. R-matrix analysis. JOUR ZAANE 25 455
	2005PR20	NUCLEAR REACTIONS ^{14}N(p, γ), E=low; measured Eγ, Iγ; deduced astrophysical S-factor. Solid and gas targets. JOUR JPGPE 31 S1537
^{15}F	2005GU25	NUCLEAR REACTIONS ^{1}H(^{14}O, p), E=120 MeV; measured recoil proton spectra, $\sigma(\theta)$. ^{15}F deduced resonance energies, J, π. JOUR PRVCA 72 034312

A=16

^{16}Be	2004TH15	NUCLEAR REACTIONS Be(^{40}Ar, X), E=140 MeV / nucleon; measured fragment isotopic yields; deduced no evidence for ^{16}Be. ^{12}C(^{24}F, X), (^{25}F, X), (^{26}F, X)^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O, E $\approx$ 50 MeV / nucleon; measured yields; deduced no evidence for ^{25}O. JOUR APHPF 21 379
^{16}C	2005BO39	NUCLEAR REACTIONS ^{13,14}C(^{12}C, ^{9}C), E=231 MeV; measured excitation energy spectra. ^{16,17}C deduced levels, J, π, configurations. JOUR JPGPE 31 S1461
	2005ON04	NUCLEAR REACTIONS ^{1}H(^{16}C, ^{16}C'), E=33 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin; deduced σ. ^{16}C deduced deformation parameter. JOUR ZAANE 25 s01 347
^{16}O	2005GO36	ATOMIC MASSES ^{12}C, ^{16}O, ^{20}Ne, ^{32}S, ^{36,40}Ar; measured masses. Cyclotron-based mass spectrometry. JOUR JPGPE 31 S1869
	2005SC29	NUCLEAR REACTIONS ^{4}He(^{12}C, γ), E=0.7-5.0 MeV; measured total recoil spectra, σ. ^{12}C(α, γ), E=1.9-4.9 MeV; deduced astrophysical S-factors. JOUR ZAANE 26 301
	2005SCZT	NUCLEAR REACTIONS ^{4}He(^{12}C, γ), E not given; measured recoil particle spectra. ^{12}C(α, γ), E=1.9-4.9 MeV; deduced astrophysical S-factors, resonance features. PREPRINT nucl-ex/0511050,11/29/2005

A=17

^{17}C	2005BO39	NUCLEAR REACTIONS ^{13,14}C(^{12}C, ^{9}C), E=231 MeV; measured excitation energy spectra. ^{16,17}C deduced levels, J, π, configurations. JOUR JPGPE 31 S1461
^{17}O	2005DE54	NUCLEAR REACTIONS ^{14}N(α, p), E=4893-6047 keV; measured $\sigma(\theta$=172°). Application to nitrogen depth profiling discussed. JOUR NIMBE 240 803
^{17}F	2005AN24	NUCLEAR REACTIONS ^{14}N, ^{12}C, ^{16}O(d, n), E not given; measured activation yields in plasma focus device. JOUR ARISE 63 545
^{17}Ne	2005KA51	NUCLEAR REACTIONS Be(^{17}Ne, ^{15}OX), E=64 MeV / nucleon; measured fragments longitudinal momentum distributions, interaction σ. ^{17}Ne deduced two-proton halo features. Few-body Glauber model analysis. JOUR ZAANE 25 s01 327
	2005TA33	NUCLEAR REACTIONS ^{9}Be, ^{12}C, ^{27}Al(^{17}Ne, X), E=42, 62 MeV / nucleon; measured interaction and reaction σ. ^{17}Ne deduced matter density distribution. JOUR ZAANE 25 s01 221

A=18

^{18}O	2005NO13	NUCLEAR REACTIONS ^{2}H, ^{3,4}He, ^{6,7}Li, ^{9}Be, ^{10,11}B, ^{16}O, ^{19}F(polarized p, 2p), E=392 MeV; measured analyzing powers. Comparison with model predictions. JOUR PRVCA 72 041602
^{18}F	2005BB05	NUCLEAR REACTIONS ^{1}H(^{18}F, p), E(cm) $\approx$ 0.3-1.3 MeV; measured Ep, $\sigma(\theta)$; deduced excitation functions. ^{19}Ne deduced resonance energies, J, π, analog states. ^{18}F(p, α), (p, γ), E=low; calculated astrophysical reaction rates. JOUR ZAANE 25 s01 643

A=19

^{19}O	2005KO43	NUCLEAR REACTIONS U(p, X)^{19}O / ^{20}O / ^{21}O / ^{22}O, E=1.4GeV; measured yields. JOUR ZAANE 25 s01 729
^{19}Ne	2005BB05	NUCLEAR REACTIONS ^{1}H(^{18}F, p), E(cm) ≈ 0.3-1.3 MeV; measured Ep, $\sigma(\theta)$; deduced excitation functions. ^{19}Ne deduced resonance energies, J, π, analog states. ^{18}F(p, α), (p, γ), E=low; calculated astrophysical reaction rates. JOUR ZAANE 25 s01 643
	2005TA28	NUCLEAR REACTIONS ^{17}O(^{3}He, n), E=3.0 MeV; measured Eγ, Iγ, nγ-coin, DSA. ^{19}Ne levels deduced energies, $T_{1/2}$. Astrophysical implications discussed. Comparison with model predictions. JOUR PRVCA 72 041302

A=20

^{20}O	2004TH15	NUCLEAR REACTIONS Be(^{40}Ar, X), E=140 MeV / nucleon; measured fragment isotopic yields; deduced no evidence for ^{16}Be. ^{12}C(^{24}F, X), (^{25}F, X), (^{26}F, X)^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O, E ≈ 50 MeV / nucleon; measured yields; deduced no evidence for ^{25}O. JOUR APHPF 21 379
	2005KO43	NUCLEAR REACTIONS U(p, X)^{19}O / ^{20}O / ^{21}O / ^{22}O, E=1.4GeV; measured yields. JOUR ZAANE 25 s01 729
^{20}Ne	2005BB06	NUCLEAR REACTIONS ^{12}C(^{12}C, X), E=5.3-7 MeV; measured Eγ, Iγ, thick-target yields. ^{12}C(^{12}C, p), (^{12}C, α), E=5.3-7 MeV; deduced σ. Astrophysical implications discussed. JOUR ZAANE 25 s01 645
	2005GO36	ATOMIC MASSES ^{12}C, ^{16}O, ^{20}Ne, ^{32}S, ^{36,40}Ar; measured masses. Cyclotron-based mass spectrometry. JOUR JPGPE 31 S1869
	2005IL03	NUCLEAR REACTIONS ^{23}Na(p, γ), (p, α), E=130-155 keV; measured Eγ, Iγ; deduced resonance strength upper limits, astrophysical reaction rates. JOUR JPGPE 31 S1785

A=21

^{21}O	2004TH15	NUCLEAR REACTIONS Be(^{40}Ar, X), E=140 MeV / nucleon; measured fragment isotopic yields; deduced no evidence for ^{16}Be. ^{12}C(^{24}F, X), (^{25}F, X), (^{26}F, X)^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O, E ≈ 50 MeV / nucleon; measured yields; deduced no evidence for ^{25}O. JOUR APHPF 21 379
	2005KO43	NUCLEAR REACTIONS U(p, X)^{19}O / ^{20}O / ^{21}O / ^{22}O, E=1.4GeV; measured yields. JOUR ZAANE 25 s01 729

A=22

^{22}O	2004TH15	NUCLEAR REACTIONS Be(^{40}Ar, X), E=140 MeV / nucleon; measured fragment isotopic yields; deduced no evidence for ^{16}Be. ^{12}C(^{24}F, X), (^{25}F, X), (^{26}F, X)^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O, E ≈ 50 MeV / nucleon; measured yields; deduced no evidence for ^{25}O. JOUR APHPF 21 379

A=22 *(continued)*

	2005KO43	NUCLEAR REACTIONS U(p, X)^{19}O / ^{20}O / ^{21}O / ^{22}O, E=1.4GeV; measured yields. JOUR ZAANE 25 s01 729
^{22}Ne	2005KE08	NUCLEAR REACTIONS ^{150}Nd(^{26}Ne, X)^{22}Ne / ^{23}Na / ^{28}Mg, E=160 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin. ^{22}Ne, ^{23}Na, ^{28}Mg deduced levels, J, π. Euroball IV array, fragment separator. JOUR JPGPE 31 S1903
	2005KE11	NUCLEAR REACTIONS ^{150}Nd(^{26}Mg, X), E=160 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin. ^{22}Ne, ^{23}Na deduced levels, J, π. Euroball IV array, binary reaction spectrometer. JOUR ZAANE 25 s01 431

A=23

^{23}O	2004TH15	NUCLEAR REACTIONS Be(^{40}Ar, X), E=140 MeV / nucleon; measured fragment isotopic yields; deduced no evidence for ^{16}Be. ^{12}C(^{24}F, X), (^{25}F, X), (^{26}F, X)^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O, E $\approx$ 50 MeV / nucleon; measured yields; deduced no evidence for ^{25}O. JOUR APHPF 21 379
	2005CO24	NUCLEAR REACTIONS C(^{23}O, ^{22}OX), E=938 MeV / nucleon; measured longitudinal momentum distributions, one-neutron removal σ. ^{23}O deduced ground-state J, π, configuration. JOUR ZAANE 25 s01 343
^{23}F	2005MI32	NUCLEAR REACTIONS ^{4}He(^{22}O, ^{23}F), E=35 MeV / nucleon; ^{4}He(^{23}F, ^{23}F'), E=41.5 MeV / nucleon; ^{4}He(^{24}F, ^{23}F), E=36 MeV / nucleon; measured Eγ, Iγ, (particle)γ-, $\gamma\gamma$-coin; deduced σ(E). ^{23}F deduced levels, J, π. DWBA analysis. JOUR ZAANE 25 s01 367
	2005MIZT	NUCLEAR REACTIONS ^{4}He(^{22}O, ^{23}F), (^{23}F, ^{23}F'), (^{24}F, ^{23}F), (^{25}Ne, ^{23}F), E $\approx$ 35-43 MeV / nucleon; measured Eγ, Iγ, (particle)γ-, $\gamma\gamma$-coin. ^{4}He(^{22}O, ^{23}F), E=35 MeV / nucleon; measured $\sigma(\theta)$. ^{23}F deduced levels, J, π, configurations. REPT CNS-REP-67,Michimasa
	2005SH46	NUCLEAR REACTIONS ^{4}He(^{22}O, ^{23}F), E=35 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin, $\sigma(\theta)$. ^{23}F deduced levels, J, π. JOUR JPGPE 31 S1759
^{23}Na	2005BB06	NUCLEAR REACTIONS ^{12}C(^{12}C, X), E=5.3-7 MeV; measured Eγ, Iγ, thick-target yields. ^{12}C(^{12}C, p), (^{12}C, α), E=5.3-7 MeV; deduced σ. Astrophysical implications discussed. JOUR ZAANE 25 s01 645
	2005KE08	NUCLEAR REACTIONS ^{150}Nd(^{26}Ne, X)^{22}Ne / ^{23}Na / ^{28}Mg, E=160 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin. ^{22}Ne, ^{23}Na, ^{28}Mg deduced levels, J, π. Euroball IV array, fragment separator. JOUR JPGPE 31 S1903
	2005KE11	NUCLEAR REACTIONS ^{150}Nd(^{26}Mg, X), E=160 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin. ^{22}Ne, ^{23}Na deduced levels, J, π. Euroball IV array, binary reaction spectrometer. JOUR ZAANE 25 s01 431
^{23}Al	2005GO34	NUCLEAR REACTIONS ^{208}Pb(^{23}Al, p^{22}Mg), E=50 MeV / nucleon; measured relative energy spectrum, $\sigma(\theta)$. ^{23}Al deduced excited state radiative width. Astrophysical implications discussed. JOUR JPGPE 31 S1517

A=24

^{24}O	2004TH15	NUCLEAR REACTIONS Be(^{40}Ar, X), E=140 MeV / nucleon; measured fragment isotopic yields; deduced no evidence for ^{16}Be. ^{12}C(^{24}F, X), (^{25}F, X), (^{26}F, X)^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O, E $\approx$ 50 MeV / nucleon; measured yields; deduced no evidence for ^{25}O. JOUR APHPF 21 379
^{24}Mg	2005IL03	NUCLEAR REACTIONS ^{23}Na(p, γ), (p, α), E=130-155 keV; measured Eγ, Iγ; deduced resonance strength upper limits, astrophysical reaction rates. JOUR JPGPE 31 S1785

A=25

^{25}O	2004TH15	NUCLEAR REACTIONS Be(^{40}Ar, X), E=140 MeV / nucleon; measured fragment isotopic yields; deduced no evidence for ^{16}Be. ^{12}C(^{24}F, X), (^{25}F, X), (^{26}F, X)^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O, E $\approx$ 50 MeV / nucleon; measured yields; deduced no evidence for ^{25}O. JOUR APHPF 21 379
^{25}Ne	2005BE60	NUCLEAR REACTIONS ^{9}Be, C(^{36}S, X)^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne, E=77.5 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{26,28}Ne deduced levels, J, π. ^{27,29}Ne deduced excited states. Comparison with shell model predictions. JOUR PRVCA 72 054316
	2005CA44	NUCLEAR REACTIONS ^{2}H(^{24}Ne, p), E=10 MeV / nucleon; measured Ep, Eγ, pγ-coin, $\sigma(\theta)$. ^{25}Ne deduced levels, J, π. JOUR JPGPE 31 S1655
	2005CA50	NUCLEAR REACTIONS ^{2}H(^{24}Ne, p), E=10 MeV / nucleon; measured Ep, Eγ, pγ-coin, $\sigma(\theta)$. ^{25}Ne deduced levels, J, π. JOUR ZAANE 25 s01 245

A=26

^{26}O	2005SC20	NUCLEAR REACTIONS C(^{27}F, X), (^{29}Ne, X), E $\approx$ 90 MeV / nucleon; measured fragment yields, production σ upper limits; deduced no evidence for ^{26}O, ^{28}F. JOUR PRVCA 72 037601
^{26}Ne	2005BE60	NUCLEAR REACTIONS ^{9}Be, C(^{36}S, X)^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne, E=77.5 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{26,28}Ne deduced levels, J, π. ^{27,29}Ne deduced excited states. Comparison with shell model predictions. JOUR PRVCA 72 054316
	2005GAZT	ATOMIC MASSES ^{26}Ne, ^{26,27,28,29,30}Na, ^{29,30,31,32,33}Mg; measured masses. Reanalysis of data using new calibration. PREPRINT nucl-ex/0511007,11/2/2005
^{26}Na	2005GAZT	ATOMIC MASSES ^{26}Ne, ^{26,27,28,29,30}Na, ^{29,30,31,32,33}Mg; measured masses. Reanalysis of data using new calibration. PREPRINT nucl-ex/0511007,11/2/2005
	2005WI20	RADIOACTIVITY ^{26}Na(β^-); ^{152}Eu(β^-), (EC); measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin. ^{152}Sm level deduced $T_{1/2}$. JOUR JPGPE 31 S1979

A=26 *(continued)*

	2005ZEZZ	NUCLEAR REACTIONS ^{26}Mg(^{3}He, t), E=140 MeV / nucleon; ^{26}Mg(t, ^{3}He), E=115 MeV / nucleon; measured excitation energy spectra, $\sigma(\theta)$; deduced Gamow-Teller strengths. PREPRINT nucl-ex/0512025,12/20/2005
^{26}Mg	2005BE61	NUCLEAR REACTIONS ^{26}Mg(^{76}Kr, ^{76}Kr'), E=230 MeV; measured Eγ, I$\gamma(\theta$, H, t), (particle)γ-coin following projectile Coulomb excitation. ^{76}Kr level deduced g factor. Transient field technique. JOUR ZAANE 25 s01 203
	2005CH66	NUCLEAR REACTIONS ^{209}Bi(^{26}Mg, ^{26}Mg'), E=78.6 MeV / nucleon; ^{197}Au(^{32}Mg, ^{32}Mg'), E=81.1 MeV / nucleon; ^{209}Bi(^{34}Mg, ^{34}Mg'), E=76.4 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{26,32,34}Mg deduced transitions B(E2), deformation parameters. Comparison with previous work, model predictions. JOUR PRVCA 72 054320
	2005WI20	RADIOACTIVITY ^{26}Na(β^-); ^{152}Eu(β^-), (EC); measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin. ^{152}Sm level deduced $T_{1/2}$. JOUR JPGPE 31 S1979
^{26}Al	2005HE24	NUCLEAR REACTIONS ^{14}N(^{16}O, α), E(cm)=6.6, 7.9, 9.5 MeV; measured σ. Accelerator mass spectrometry. JOUR NIMBE 240 612
	2005ZEZZ	NUCLEAR REACTIONS ^{26}Mg(^{3}He, t), E=140 MeV / nucleon; ^{26}Mg(t, ^{3}He), E=115 MeV / nucleon; measured excitation energy spectra, $\sigma(\theta)$; deduced Gamow-Teller strengths. PREPRINT nucl-ex/0512025,12/20/2005

A=27

^{27}Ne	2005BE60	NUCLEAR REACTIONS ^{9}Be, C(^{36}S, X)^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne, E=77.5 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{26,28}Ne deduced levels, J, π. ^{27,29}Ne deduced excited states. Comparison with shell model predictions. JOUR PRVCA 72 054316
^{27}Na	2005GAZT	ATOMIC MASSES ^{26}Ne, ^{26,27,28,29,30}Na, ^{29,30,31,32,33}Mg; measured masses. Reanalysis of data using new calibration. PREPRINT nucl-ex/0511007,11/2/2005
^{27}Mg	2005SCZV	NUCLEAR REACTIONS ^{9}Be(^{26}Mg, ^{27}Mg), E=57 MeV; measured Eγ, Iγ, $\alpha\alpha$-coin, $\sigma(\theta)$. ^{27}Mg deduced transitions. REPT MLL 2004 Annual,P4,Schwerdtfeger

A=28

^{28}F	2005SC20	NUCLEAR REACTIONS C(^{27}F, X), (^{29}Ne, X), E $\approx$ 90 MeV / nucleon; measured fragment yields, production σ upper limits; deduced no evidence for ^{26}O, ^{28}F. JOUR PRVCA 72 037601
^{28}Ne	2005BE60	NUCLEAR REACTIONS ^{9}Be, C(^{36}S, X)^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne, E=77.5 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{26,28}Ne deduced levels, J, π. ^{27,29}Ne deduced excited states. Comparison with shell model predictions. JOUR PRVCA 72 054316

A=28 *(continued)*

^{28}Na	2005GAZT	ATOMIC MASSES ^{26}Ne, ^{26,27,28,29,30}Na, ^{29,30,31,32,33}Mg; measured masses. Reanalysis of data using new calibration. PREPRINT nucl-ex/0511007,11/2/2005
^{28}Mg	2005KE08	NUCLEAR REACTIONS ^{150}Nd(^{26}Ne, X)^{22}Ne / ^{23}Na / ^{28}Mg, E=160 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin. ^{22}Ne, ^{23}Na, ^{28}Mg deduced levels, J, π. Euroball IV array, fragment separator. JOUR JPGPE 31 S1903
^{28}Si	2004MB08	NUCLEAR REACTIONS ^{28}Si(^{16}O, ^{16}O'), E=40-46, 71, 73, 75 MeV; measured Eγ, Iγ, (particle)γ-coin, $\sigma(\theta)$. Gammasphere, Chico arrays. JOUR BJPHE 34 885

A=29

^{29}Ne	2005BE60	NUCLEAR REACTIONS ^{9}Be, C(^{36}S, X)^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne, E=77.5 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{26,28}Ne deduced levels, J, π. ^{27,29}Ne deduced excited states. Comparison with shell model predictions. JOUR PRVCA 72 054316
	2005TR13	RADIOACTIVITY ^{29}Ne(β^-) [from Be(^{48}Ca, X)]; measured Eγ, Eβ, $\gamma\gamma$-, $\beta\gamma$-coin; deduced log ft. ^{29}Na deduced levels, β-feeding intensities. Comparison with shell model calculations. JOUR ZAANE 25 s01 101
^{29}Na	2005GAZT	ATOMIC MASSES ^{26}Ne, ^{26,27,28,29,30}Na, ^{29,30,31,32,33}Mg; measured masses. Reanalysis of data using new calibration. PREPRINT nucl-ex/0511007,11/2/2005
	2005TR13	RADIOACTIVITY ^{29}Ne(β^-) [from Be(^{48}Ca, X)]; measured Eγ, Eβ, $\gamma\gamma$-, $\beta\gamma$-coin; deduced log ft. ^{29}Na deduced levels, β-feeding intensities. Comparison with shell model calculations. JOUR ZAANE 25 s01 101
^{29}Mg	2005GAZT	ATOMIC MASSES ^{26}Ne, ^{26,27,28,29,30}Na, ^{29,30,31,32,33}Mg; measured masses. Reanalysis of data using new calibration. PREPRINT nucl-ex/0511007,11/2/2005

A=30

^{30}Na	2005GAZT	ATOMIC MASSES ^{26}Ne, ^{26,27,28,29,30}Na, ^{29,30,31,32,33}Mg; measured masses. Reanalysis of data using new calibration. PREPRINT nucl-ex/0511007,11/2/2005
	2005MA96	RADIOACTIVITY ^{30,31,32}Na(β^-); ^{31,32}Na(β^-n); measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin. ^{30,31,32}Mg deduced levels $T_{1/2}$. Ultra-fast timing techniques. JOUR ZAANE 25 s01 105
^{30}Mg	2005GAZT	ATOMIC MASSES ^{26}Ne, ^{26,27,28,29,30}Na, ^{29,30,31,32,33}Mg; measured masses. Reanalysis of data using new calibration. PREPRINT nucl-ex/0511007,11/2/2005
	2005MA96	RADIOACTIVITY ^{30,31,32}Na(β^-); ^{31,32}Na(β^-n); measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin. ^{30,31,32}Mg deduced levels $T_{1/2}$. Ultra-fast timing techniques. JOUR ZAANE 25 s01 105

A=30 *(continued)*

	2005SC27	NUCLEAR REACTIONS Ni(^{30}Mg, ^{30}Mg'), E=2.2 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation.^{2}Hmeasured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin. ^{30}Mg deduced transitions B(E2). ^{31}Mg deduced transitions. Miniball array. JOUR ZAANE 25 s01 397
^{30}P	2005AD35	NUCLEAR REACTIONS ^{6}Li(^{6}Li, αX), (^{7}Li, αX), E=14-20 MeV; measured α-spectra. ^{12}C(n, α), E=72.8 MeV; ^{28}Si(^{6}Li, α), E=36 MeV; analyzed α-spectra. Statistical model calculations. Target-projectile symmetry discussed. JOUR ZAANE 25 s01 299
	2005KA46	RADIOACTIVITY ^{31}Cl(β^{+}p) [from S(p, X), E=40 MeV]; measured β-delayed Eγ, Ep. ^{58}Zn(β^{+}) [from Nb(p, X), E=1.4 GeV]; measured Eγ, Iγ, $\beta\gamma$-coin, $T_{1/2}$. ^{58}Cu deduced levels, β-feeding intensities. ^{81m}Kr(EC), (IT); ^{81}Y, ^{81}Sr, ^{85}Nb, ^{85}Zr, ^{86}Mo, ^{86}Nb(EC) [from Ni, ^{54}Fe(^{32}S, X)]; measured Eγ, Iγ, E(ce), I(ce), $T_{1/2}$. ^{81}Kr, ^{85}Zr, ^{85}Nb deduced isomeric transitions $T_{1/2}$, ICC. ^{85}Zr, ^{86}Nb deduced levels, J, π, ICC. ^{81}Br deduced neutrino capture rate. Mass-separated sources. JOUR ZAANE 25 s01 129

A=31

^{31}Na	2005MA96	RADIOACTIVITY ^{30,31,32}Na(β^{-}); ^{31,32}Na(β^{-}n); measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin. ^{30,31,32}Mg deduced levels $T_{1/2}$. Ultra-fast timing techniques. JOUR ZAANE 25 s01 105
^{31}Mg	2005GAZT	ATOMIC MASSES ^{26}Ne, ^{26,27,28,29,30}Na, ^{29,30,31,32,33}Mg; measured masses. Reanalysis of data using new calibration. PREPRINT nucl-ex/0511007,11/2/2005
	2005KO41	RADIOACTIVITY ^{31}Mg(β^{-}) [from U(p, X)]; measured β-asymmetry and hfs, β-NMR spectra from polarized source. ^{31}Mg deduced ground-state J, π, μ. JOUR ZAANE 25 s01 193
	2005MA86	RADIOACTIVITY ^{31}Mg(β^{-}) [from Be(^{36}S, X)]; measured Eγ, Iγ, $\beta\gamma$-coin, $T_{1/2}$; deduced log ft. ^{31}Al deduced levels, feeding intensities. ^{31}Mg deduced ground-state intruder configuration. JOUR PRVCA 72 044314
	2005MA96	RADIOACTIVITY ^{30,31,32}Na(β^{-}); ^{31,32}Na(β^{-}n); measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin. ^{30,31,32}Mg deduced levels $T_{1/2}$. Ultra-fast timing techniques. JOUR ZAANE 25 s01 105
	2005SC27	NUCLEAR REACTIONS Ni(^{30}Mg, ^{30}Mg'), E=2.2 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation.^{2}Hmeasured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin. ^{30}Mg deduced transitions B(E2). ^{31}Mg deduced transitions. Miniball array. JOUR ZAANE 25 s01 397
^{31}Al	2005KO41	RADIOACTIVITY ^{31}Mg(β^{-}) [from U(p, X)]; measured β-asymmetry and hfs, β-NMR spectra from polarized source. ^{31}Mg deduced ground-state J, π, μ. JOUR ZAANE 25 s01 193
	2005MA86	RADIOACTIVITY ^{31}Mg(β^{-}) [from Be(^{36}S, X)]; measured Eγ, Iγ, $\beta\gamma$-coin, $T_{1/2}$; deduced log ft. ^{31}Al deduced levels, feeding intensities. ^{31}Mg deduced ground-state intruder configuration. JOUR PRVCA 72 044314

A=31 *(continued)*

^{31}P	2005JE07	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. Gammasphere array, fragment mass analyzer. JOUR PRVCA 72 031303
^{31}S	2005GA54	NUCLEAR REACTIONS ^{9}Be(^{32}S, ^{31}SX), (^{33}Cl, ^{32}ClX), (^{32}Ar, ^{31}ArX), (^{34}Ar, ^{33}ArX), E$\approx$ 65 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin, particle momentum distributions; deduced one-neutron removal σ. ^{31}S, ^{32}Cl, ^{31,33}Ar levels deduced spectroscopic factors. Comparison with shell model predictions. JOUR ZAANE 25 s01 251
	2005JE07	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. Gammasphere array, fragment mass analyzer. JOUR PRVCA 72 031303
^{31}Cl	2005KA46	RADIOACTIVITY ^{31}Cl(β^+p) [from S(p, X), E=40 MeV]; measured β-delayed Eγ, Ep. ^{58}Zn(β^+) [from Nb(p, X), E=1.4 GeV]; measured Eγ, Iγ, $\beta\gamma$-coin, $T_{1/2}$. ^{58}Cu deduced levels, β-feeding intensities. ^{81m}Kr(EC), (IT); ^{81}Y, ^{81}Sr, ^{85}Nb, ^{85}Zr, ^{86}Mo, ^{86}Nb(EC) [from Ni, ^{54}Fe(^{32}S, X)]; measured Eγ, Iγ, E(ce), I(ce), $T_{1/2}$. ^{81}Kr, ^{85}Zr, ^{85}Nb deduced isomeric transitions $T_{1/2}$, ICC. ^{85}Zr, ^{86}Nb deduced levels, J, π, ICC. ^{81}Br deduced neutrino capture rate. Mass-separated sources. JOUR ZAANE 25 s01 129
^{31}Ar	2005GA54	NUCLEAR REACTIONS ^{9}Be(^{32}S, ^{31}SX), (^{33}Cl, ^{32}ClX), (^{32}Ar, ^{31}ArX), (^{34}Ar, ^{33}ArX), E$\approx$ 65 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin, particle momentum distributions; deduced one-neutron removal σ. ^{31}S, ^{32}Cl, ^{31,33}Ar levels deduced spectroscopic factors. Comparison with shell model predictions. JOUR ZAANE 25 s01 251

A=32

^{32}Na	2005MA81	RADIOACTIVITY ^{32}Na, ^{80}Ga(β^-); measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin. ^{32}Mg, ^{80}Ge levels deduced $T_{1/2}$. Ultra-fast timing techniques. JOUR JPGPE 31 S1421
	2005MA96	RADIOACTIVITY ^{30,31,32}Na(β^-); ^{31,32}Na(β^-n); measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin. ^{30,31,32}Mg deduced levels $T_{1/2}$. Ultra-fast timing techniques. JOUR ZAANE 25 s01 105
^{32}Mg	2004CO29	RADIOACTIVITY ^{74}Kr(EC), (β^+) [from Nb(p, X)]; measured $\beta\gamma$-coin; deduced Gamow-Teller strength distribution. ^{33}Na(β^-), (β^-n) [from U(p, X)]; measured $\beta\gamma$-, nβ-, $\gamma\gamma$-coin, $T_{1/2}$. ^{33}Mg deduced ground-state J, π. Total absorption spectrometer. JOUR BJPHE 34 850
	2005CH66	NUCLEAR REACTIONS ^{209}Bi(^{26}Mg, ^{26}Mg'), E=78.6 MeV / nucleon; ^{197}Au(^{32}Mg, ^{32}Mg'), E=81.1 MeV / nucleon; ^{209}Bi(^{34}Mg, ^{34}Mg'), E=76.4 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{26,32,34}Mg deduced transitions B(E2), deformation parameters. Comparison with previous work, model predictions. JOUR PRVCA 72 054320

A=32 *(continued)*

	2005GAZT	ATOMIC MASSES ^{26}Ne, ^{26,27,28,29,30}Na, ^{29,30,31,32,33}Mg; measured masses. Reanalysis of data using new calibration. PREPRINT nucl-ex/0511007,11/2/2005
	2005MA81	RADIOACTIVITY ^{32}Na, ^{80}Ga(β^-); measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin. ^{32}Mg, ^{80}Ge levels deduced $T_{1/2}$. Ultra-fast timing techniques. JOUR JPGPE 31 S1421
	2005MA96	RADIOACTIVITY ^{30,31,32}Na(β^-); ^{31,32}Na(β^-n); measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin. ^{30,31,32}Mg deduced levels $T_{1/2}$. Ultra-fast timing techniques. JOUR ZAANE 25 s01 105
^{32}S	2005GO36	ATOMIC MASSES ^{12}C, ^{16}O, ^{20}Ne, ^{32}S, ^{36,40}Ar; measured masses. Cyclotron-based mass spectrometry. JOUR JPGPE 31 S1869
^{32}Cl	2005GA54	NUCLEAR REACTIONS ^{9}Be(^{32}S, ^{31}SX), (^{33}Cl, ^{32}ClX), (^{32}Ar, ^{31}ArX), (^{34}Ar, ^{33}ArX), E$\approx$ 65 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin, particle momentum distributions; deduced one-neutron removal σ. ^{31}S, ^{32}Cl, ^{31,33}Ar levels deduced spectroscopic factors. Comparison with shell model predictions. JOUR ZAANE 25 s01 251

A=33

^{33}Na	2004CO29	RADIOACTIVITY ^{74}Kr(EC), (β^+) [from Nb(p, X)]; measured $\beta\gamma$-coin; deduced Gamow-Teller strength distribution. ^{33}Na(β^-), (β^-n) [from U(p, X)]; measured $\beta\gamma$-, nβ-, $\gamma\gamma$-coin, $T_{1/2}$. ^{33}Mg deduced ground-state J, π. Total absorption spectrometer. JOUR BJPHE 34 850
^{33}Mg	2004CO29	RADIOACTIVITY ^{74}Kr(EC), (β^+) [from Nb(p, X)]; measured $\beta\gamma$-coin; deduced Gamow-Teller strength distribution. ^{33}Na(β^-), (β^-n) [from U(p, X)]; measured $\beta\gamma$-, nβ-, $\gamma\gamma$-coin, $T_{1/2}$. ^{33}Mg deduced ground-state J, π. Total absorption spectrometer. JOUR BJPHE 34 850
	2005GAZT	ATOMIC MASSES ^{26}Ne, ^{26,27,28,29,30}Na, ^{29,30,31,32,33}Mg; measured masses. Reanalysis of data using new calibration. PREPRINT nucl-ex/0511007,11/2/2005
^{33}Ar	2005GA54	NUCLEAR REACTIONS ^{9}Be(^{32}S, ^{31}SX), (^{33}Cl, ^{32}ClX), (^{32}Ar, ^{31}ArX), (^{34}Ar, ^{33}ArX), E$\approx$ 65 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin, particle momentum distributions; deduced one-neutron removal σ. ^{31}S, ^{32}Cl, ^{31,33}Ar levels deduced spectroscopic factors. Comparison with shell model predictions. JOUR ZAANE 25 s01 251

A=34

^{34}Mg	2005CH66	NUCLEAR REACTIONS ^{209}Bi(^{26}Mg, ^{26}Mg'), E=78.6 MeV / nucleon; ^{197}Au(^{32}Mg, ^{32}Mg'), E=81.1 MeV / nucleon; ^{209}Bi(^{34}Mg, ^{34}Mg'), E=76.4 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{26,32,34}Mg deduced transitions B(E2), deformation parameters. Comparison with previous work, model predictions. JOUR PRVCA 72 054320

A=34 *(continued)*

^{34}Al	2005OB04	NUCLEAR REACTIONS ^{251}Cf(n, F), E=thermal; measured light charged particle yields, energy distributions following ternary fission; deduced evidence for ^{34}Al, ^{36}Si. JOUR NUPAB 761 173
^{34}Si	2005TI11	RADIOACTIVITY ^{35}Al(β^-), (β^-n) [from ^{36}S fragmentation]; measured β-delayed Eγ, En, $T_{1/2}$, neutron emission probability; deduced log ft. ^{34,35}Si deduced levels, J, π, feeding intensities. JOUR JPGPE 31 S1965
^{34}P	2005OL04	NUCLEAR REACTIONS ^{176}Yb(^{36}S, X)^{34}P, E=230 MeV; ^{208}Pb(^{36}S, X)^{36}S / ^{38}S / ^{34}P / ^{36}P, E=215 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin. ^{34}P deduced levels, J, π, configurations. JOUR JPGPE 31 S1935

A=35

^{35}Al	2005TI11	RADIOACTIVITY ^{35}Al(β^-), (β^-n) [from ^{36}S fragmentation]; measured β-delayed Eγ, En, $T_{1/2}$, neutron emission probability; deduced log ft. ^{34,35}Si deduced levels, J, π, feeding intensities. JOUR JPGPE 31 S1965
^{35}Si	2005TI11	RADIOACTIVITY ^{35}Al(β^-), (β^-n) [from ^{36}S fragmentation]; measured β-delayed Eγ, En, $T_{1/2}$, neutron emission probability; deduced log ft. ^{34,35}Si deduced levels, J, π, feeding intensities. JOUR JPGPE 31 S1965
^{35}Cl	2005EK01	NUCLEAR REACTIONS ^{16}O(^{24}Mg, nα), (^{24}Mg, pα), E=60 MeV; ^{28}Si(^{32}S, n2α), (^{32}S, p2α), E=130 MeV; ^{24}Mg(^{40}Ca, 2np), (^{40}Ca, n2p), E=104 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-, (neutron)γ-coin. ^{35}Ar, ^{35}Cl, ^{51}Fe, ^{51}Mn, ^{61}Ga, ^{61}Zn deduced levels, J, π, mirror energy difference. Discussed electromagnetic spin-orbit effect. Large-scale shell model calculations. JOUR ZAANE 25 s01 363
^{35}Ar	2005EK01	NUCLEAR REACTIONS ^{16}O(^{24}Mg, nα), (^{24}Mg, pα), E=60 MeV; ^{28}Si(^{32}S, n2α), (^{32}S, p2α), E=130 MeV; ^{24}Mg(^{40}Ca, 2np), (^{40}Ca, n2p), E=104 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-, (neutron)γ-coin. ^{35}Ar, ^{35}Cl, ^{51}Fe, ^{51}Mn, ^{61}Ga, ^{61}Zn deduced levels, J, π, mirror energy difference. Discussed electromagnetic spin-orbit effect. Large-scale shell model calculations. JOUR ZAANE 25 s01 363

A=36

^{36}Si	2005OB04	NUCLEAR REACTIONS ^{251}Cf(n, F), E=thermal; measured light charged particle yields, energy distributions following ternary fission; deduced evidence for ^{34}Al, ^{36}Si. JOUR NUPAB 761 173
^{36}P	2005OL04	NUCLEAR REACTIONS ^{176}Yb(^{36}S, X)^{34}P, E=230 MeV; ^{208}Pb(^{36}S, X)^{36}S / ^{38}S / ^{34}P / ^{36}P, E=215 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin. ^{34}P deduced levels, J, π, configurations. JOUR JPGPE 31 S1935

A=36 *(continued)*

^{36}S	2005OL04	NUCLEAR REACTIONS ^{176}Yb(^{36}S, X)^{34}P, E=230 MeV; ^{208}Pb(^{36}S, X)^{36}S / ^{38}S / ^{34}P / ^{36}P, E=215 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin. ^{34}P deduced levels, J, π, configurations. JOUR JPGPE 31 S1935
^{36}Ar	2005GO36	ATOMIC MASSES ^{12}C, ^{16}O, ^{20}Ne, ^{32}S, ^{36,40}Ar; measured masses. Cyclotron-based mass spectrometry. JOUR JPGPE 31 S1869
	2005SPZY	NUCLEAR REACTIONS ^{12}C(^{32}S, ^{36}Ar), E=65 MeV; ^{12}C(^{34}S, ^{38}Ar), E=67 MeV; measured Eγ, Iγ(θ, H, t), $\alpha\gamma$-coin. ^{36,38}Ar levels deduced g factors. Transient field technique. Comparison with shell model predictions. REPT MLL 2004 Annual,P5,Speidel

A=37

No references found

A=38

^{38}S	2005OL04	NUCLEAR REACTIONS ^{176}Yb(^{36}S, X)^{34}P, E=230 MeV; ^{208}Pb(^{36}S, X)^{36}S / ^{38}S / ^{34}P / ^{36}P, E=215 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin. ^{34}P deduced levels, J, π, configurations. JOUR JPGPE 31 S1935
^{38}Ar	2005SPZY	NUCLEAR REACTIONS ^{12}C(^{32}S, ^{36}Ar), E=65 MeV; ^{12}C(^{34}S, ^{38}Ar), E=67 MeV; measured Eγ, Iγ(θ, H, t), $\alpha\gamma$-coin. ^{36,38}Ar levels deduced g factors. Transient field technique. Comparison with shell model predictions. REPT MLL 2004 Annual,P5,Speidel

A=39

No references found

A=40

^{40}Ar	2005GO36	ATOMIC MASSES ^{12}C, ^{16}O, ^{20}Ne, ^{32}S, ^{36,40}Ar; measured masses. Cyclotron-based mass spectrometry. JOUR JPGPE 31 S1869

A=41

^{41}K	2005GUZX	NUCLEAR REACTIONS ^{44}Ca(polarized p, α), E=24.6 MeV; measured $\sigma(\theta)$, Ay(θ). DWBA analysis. REPT MLL 2004 Annual,P6,Guazzoni

A=42

^{42}Ca	2005CO25	NUCLEAR REACTIONS ^{208}Pb(^{40}Ca, ^{42}Ca), E=225 MeV; measured σ(E, θ). ^{42}Ca deduced excited states configurations. ^{208}Pb(^{90}Zr, X), E=560 MeV; measured Eγ, Iγ, (fragment)γ-coin, isotopic yields for projectile-like fragments. ^{90}Zr deduced transitions. JOUR ZAANE 25 s01 427
	2005GUZW	NUCLEAR REACTIONS ^{45}Sc(polarized p, α), E=24.6 MeV; measured $\sigma(\theta)$, Ay(θ). ^{42}Ca levels deduced configurations. REPT MLL 2004 Annual,P7,Guazzoni

A=43

^{43}Cr	2005BL31	RADIOACTIVITY ^{45}Fe, ^{48}Ni, ^{54}Zn(2p) [from Ni(^{58}Ni, X)]; measured proton spectra, $T_{1/2}$. Comparison with theory. JOUR ZAANE 25 s01 169
	2005DO20	RADIOACTIVITY ^{45}Fe(2p) [from Ni(^{58}Ni, X)]; measured Ep, $T_{1/2}$, branching ratio. ^{48}Ni; measured decay energy, $T_{1/2}$; deduced probable two-proton decay. Comparisons with model predictions. JOUR PRVCA 72 054315
	2005GI15	RADIOACTIVITY ^{45}Fe, ^{54}Zn(p), (2p) [from Ni(^{58}Ni, X)]; measured proton spectra, $T_{1/2}$. JOUR JPGPE 31 S1509

A=44

^{44}S	2005GR30	RADIOACTIVITY ^{44}S(IT) [from Be(^{48}Ca, X)]; measured E(ce), $T_{1/2}$. ^{44}S deduced levels, J, π. Comparison with shell model calculations. JOUR ZAANE 25 s01 111
^{44}Mn	2005GI15	RADIOACTIVITY ^{45}Fe, ^{54}Zn(p), (2p) [from Ni(^{58}Ni, X)]; measured proton spectra, $T_{1/2}$. JOUR JPGPE 31 S1509

A=45

^{45}Ar	2005GA45	NUCLEAR REACTIONS ^{2}H(^{44}Ar, ^{45}Ar), (^{40}Ar, ^{41}Ar), E=10 MeV / nucleon; measured particle spectra, σ(E, θ). ^{45}Ar deduced levels, spectroscopic factors. JOUR JPGPE 31 S1623
^{45}Fe	2005BL31	RADIOACTIVITY ^{45}Fe, ^{48}Ni, ^{54}Zn(2p) [from Ni(^{58}Ni, X)]; measured proton spectra, $T_{1/2}$. Comparison with theory. JOUR ZAANE 25 s01 169
	2005DO20	NUCLEAR REACTIONS Ni(^{58}Ni, X), E=74.5 MeV / nucleon; measured fragments isotopic yields; deduced evidence for ^{48}Ni, ^{45}Fe. JOUR PRVCA 72 054315
	2005DO20	RADIOACTIVITY ^{45}Fe(2p) [from Ni(^{58}Ni, X)]; measured Ep, $T_{1/2}$, branching ratio. ^{48}Ni; measured decay energy, $T_{1/2}$; deduced probable two-proton decay. Comparisons with model predictions. JOUR PRVCA 72 054315
	2005GI15	RADIOACTIVITY ^{45}Fe, ^{54}Zn(p), (2p) [from Ni(^{58}Ni, X)]; measured proton spectra, $T_{1/2}$. JOUR JPGPE 31 S1509

A=46

^{46}Cr	2005YA26	NUCLEAR REACTIONS Pb(^{46}Cr, ^{46}Cr'), (^{50}Fe, ^{50}Fe'), (^{54}Ni, ^{54}Ni'), E=41-44 MeV / nucleon; measured $\sigma(\theta)$, Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{46}Cr, ^{50}Fe, ^{54}Ni deduced excitation B(E2). DWBA analysis. JOUR ZAANE 25 s01 409
^{46}Fe	2005BL31	RADIOACTIVITY ^{45}Fe, ^{48}Ni, ^{54}Zn(2p) [from Ni(^{58}Ni, X)]; measured proton spectra, $T_{1/2}$. Comparison with theory. JOUR ZAANE 25 s01 169

A=47

No references found

A=48

^{48}Ti	2005VA31	NUCLEAR REACTIONS ^{48}Ti(^{132}Sn, ^{132}Sn'), E=470-495 MeV; ^{90}Zr(^{134}Sn, ^{134}Sn'), E=400 MeV; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{132,134}Sn deduced transitions B(E2). JOUR ZAANE 25 s01 391
^{48}Ni	2005BL31	RADIOACTIVITY ^{45}Fe, ^{48}Ni, ^{54}Zn(2p) [from Ni(^{58}Ni, X)]; measured proton spectra, $T_{1/2}$. Comparison with theory. JOUR ZAANE 25 s01 169
	2005DO20	NUCLEAR REACTIONS Ni(^{58}Ni, X), E=74.5 MeV / nucleon; measured fragments isotopic yields; deduced evidence for ^{48}Ni, ^{45}Fe. JOUR PRVCA 72 054315
	2005DO20	RADIOACTIVITY ^{45}Fe(2p) [from Ni(^{58}Ni, X)]; measured Ep, $T_{1/2}$, branching ratio. ^{48}Ni; measured decay energy, $T_{1/2}$; deduced probable two-proton decay. Comparisons with model predictions. JOUR PRVCA 72 054315
	2005GI15	NUCLEAR REACTIONS Ni(^{58}Ni, X), E=75 MeV / nucleon; measured fragments isotopic yields; deduced evidence for ^{48}Ni. JOUR JPGPE 31 S1509

A=49

^{49}Ca	2005MAZM	NUCLEAR REACTIONS ^{2}H(^{48}Ca, ^{49}Ca), E=105 MeV; measured Eγ, Iγ, (particle)γ-coin. ^{48}Ca(polarized d, p), E=14 MeV; measured proton spectra, $\sigma(\theta)$. ^{49}Ca deduced levels, J, π. REPT MLL 2004 Annual,P8,Maierbeck
^{49}Ti	2005ID03	NUCLEAR REACTIONS ^{9}Be(^{46}Ar, 3n), (^{46}Ar, 4n), (^{46}Ar, 5n), (^{46}Ar, 6n), E $\approx$ 2-6 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin; deduced excitation functions. ^{49,50,51}Ti deduced high-spin levels, J, π. JOUR ZAANE 25 s01 429

A=50

^{50}Ti	2005ID03	NUCLEAR REACTIONS ^{9}Be(^{46}Ar, 3n), (^{46}Ar, 4n), (^{46}Ar, 5n), (^{46}Ar, 6n), E ≈ 2-6 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin; deduced excitation functions. ^{49,50,51}Ti deduced high-spin levels, J, π. JOUR ZAANE 25 s01 429
	2005YU07	NUCLEAR REACTIONS ^{50}Ti(^{129}Sb, ^{129}Sb'), (^{129}Te, ^{129}Te'), E=400 MeV; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{129}Te, ^{129}Sb deduced transitions B(E2). Clarion, Hyball arrays. JOUR ZAANE 25 s01 395
^{50}V	2005SUZU	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, microcanonical entropies. PREPRINT nucl-ex/0511054,11/30/2005
^{50}Mn	2005FU16	NUCLEAR REACTIONS ^{50}Cr(^{3}He, t), E=140 MeV / nucleon; measured triton spectra; deduced Gamow-Teller transition strengths. ^{50}Mn deduced level energies. ^{50}Fe deduced β-decay intensities. Astrophysical implications discussed. JOUR PRLTA 95 212501
^{50}Fe	2005FU16	NUCLEAR REACTIONS ^{50}Cr(^{3}He, t), E=140 MeV / nucleon; measured triton spectra; deduced Gamow-Teller transition strengths. ^{50}Mn deduced level energies. ^{50}Fe deduced β-decay intensities. Astrophysical implications discussed. JOUR PRLTA 95 212501
	2005YA26	NUCLEAR REACTIONS Pb(^{46}Cr, ^{46}Cr'), (^{50}Fe, ^{50}Fe'), (^{54}Ni, ^{54}Ni'), E=41-44 MeV / nucleon; measured $\sigma(\theta)$, Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{46}Cr, ^{50}Fe, ^{54}Ni deduced excitation B(E2). DWBA analysis. JOUR ZAANE 25 s01 409

A=51

^{51}Ti	2005ID03	NUCLEAR REACTIONS ^{9}Be(^{46}Ar, 3n), (^{46}Ar, 4n), (^{46}Ar, 5n), (^{46}Ar, 6n), E ≈ 2-6 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin; deduced excitation functions. ^{49,50,51}Ti deduced high-spin levels, J, π. JOUR ZAANE 25 s01 429
^{51}V	2005SUZU	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, microcanonical entropies. PREPRINT nucl-ex/0511054,11/30/2005
^{51}Mn	2005EK01	NUCLEAR REACTIONS ^{16}O(^{24}Mg, nα), (^{24}Mg, pα), E=60 MeV; ^{28}Si(^{32}S, n2α), (^{32}S, p2α), E=130 MeV; ^{24}Mg(^{40}Ca, 2np), (^{40}Ca, n2p), E=104 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-, (neutron)γ-coin. ^{35}Ar, ^{35}Cl, ^{51}Fe, ^{51}Mn, ^{61}Ga, ^{61}Zn deduced levels, J, π, mirror energy difference. Discussed electromagnetic spin-orbit effect. Large-scale shell model calculations. JOUR ZAANE 25 s01 363
	2005MA81	NUCLEAR REACTIONS ^{40}Ca(^{14}N, n2p), E not given; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{51}Mn levels deduced $T_{1/2}$. Ultra-fast timing techniques. JOUR JPGPE 31 S1421

A=51 *(continued)*

^{51}Fe	2005EK01	NUCLEAR REACTIONS ^{16}O(^{24}Mg, nα), (^{24}Mg, pα), E=60 MeV; ^{28}Si(^{32}S, n2α), (^{32}S, p2α), E=130 MeV; ^{24}Mg(^{40}Ca, 2np), (^{40}Ca, n2p), E=104 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-, (neutron)γ-coin. ^{35}Ar, ^{35}Cl, ^{51}Fe, ^{51}Mn, ^{61}Ga, ^{61}Zn deduced levels, J, π, mirror energy difference. Discussed electromagnetic spin-orbit effect. Large-scale shell model calculations. JOUR ZAANE 25 s01 363

A=52

^{52}Ti	2005ID03	NUCLEAR REACTIONS ^{9}Be(^{46}Ar, 3n), (^{46}Ar, 4n), (^{46}Ar, 5n), (^{46}Ar, 6n), E $\approx$ 2-6 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin; deduced excitation functions. ^{49,50,51}Ti deduced high-spin levels, J, π. JOUR ZAANE 25 s01 429
^{52}Ni	2005BL31	RADIOACTIVITY ^{45}Fe, ^{48}Ni, ^{54}Zn(2p) [from Ni(^{58}Ni, X)]; measured proton spectra, $T_{1/2}$. Comparison with theory. JOUR ZAANE 25 s01 169
	2005GI15	RADIOACTIVITY ^{45}Fe, ^{54}Zn(p), (2p) [from Ni(^{58}Ni, X)]; measured proton spectra, $T_{1/2}$. JOUR JPGPE 31 S1509

A=53

^{53}Ti	2005FO14	NUCLEAR REACTIONS ^{208}Pb(^{48}Ca, X), E=305 MeV; ^{238}U(^{48}Ca, X), E=330 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{53}Ti deduced levels, J, π. Gammasphere array, cross-coincidence with reaction partners. Comparison with model predictions. JOUR PRVCA 72 044315
^{53}Cu	2005GI15	RADIOACTIVITY ^{45}Fe, ^{54}Zn(p), (2p) [from Ni(^{58}Ni, X)]; measured proton spectra, $T_{1/2}$. JOUR JPGPE 31 S1509

A=54

^{54}Cr	2006BO01	RADIOACTIVITY ^{54}Mn, ^{65}Zn(EC); measured $\beta\gamma$-coin. Triple to double coincidence ratio method. JOUR ARISE 64 124
^{54}Mn	2005SI32	NUCLEAR REACTIONS Cu(n, X)^{54}Mn / ^{59}Fe / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Co, E $\approx$ 70.7, 110.8 MeV; measured σ. Comparison with previous results, model predictions. JOUR NIMBE 240 617
	2006BO01	RADIOACTIVITY ^{54}Mn, ^{65}Zn(EC); measured $\beta\gamma$-coin. Triple to double coincidence ratio method. JOUR ARISE 64 124
^{54}Fe	2005TA27	NUCLEAR REACTIONS ^{9}Be(^{55}Ni, X), (^{55}Co, X), E $\approx$ 170 MeV / nucleon; measured Eγ, Iγ, (fragment)γ-coin. ^{54}Ni, ^{54}Fe deduced transitions. JOUR JPGPE 31 S1527
^{54}Ni	2005TA27	NUCLEAR REACTIONS ^{9}Be(^{55}Ni, X), (^{55}Co, X), E $\approx$ 170 MeV / nucleon; measured Eγ, Iγ, (fragment)γ-coin. ^{54}Ni, ^{54}Fe deduced transitions. JOUR JPGPE 31 S1527

A=54 *(continued)*

	2005YA26	NUCLEAR REACTIONS Pb(^{46}Cr, ^{46}Cr'), (^{50}Fe, ^{50}Fe'), (^{54}Ni, ^{54}Ni'), E=41-44 MeV / nucleon; measured $\sigma(\theta)$, Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{46}Cr, ^{50}Fe, ^{54}Ni deduced excitation B(E2). DWBA analysis. JOUR ZAANE 25 s01 409
^{54}Zn	2005BL31	RADIOACTIVITY ^{45}Fe, ^{48}Ni, ^{54}Zn(2p) [from Ni(^{58}Ni, X)]; measured proton spectra, $T_{1/2}$. Comparison with theory. JOUR ZAANE 25 s01 169
	2005GI15	RADIOACTIVITY ^{45}Fe, ^{54}Zn(p), (2p) [from Ni(^{58}Ni, X)]; measured proton spectra, $T_{1/2}$. JOUR JPGPE 31 S1509

A=55

^{55}Fe	2005MAZL	NUCLEAR REACTIONS ^{58}Ni(polarized p, d), E=24.6 MeV; measured $\sigma(\theta)$, Ay(θ). ^{2}H(^{54}Fe, p), E=4.8 MeV / nucleon; measured $\sigma(\theta)$. Other reactions discussed. REPT MLL 2004 Annual,P9,Mahgoub

A=56

^{56}Sc	2005MA93	RADIOACTIVITY ^{56}Sc(β^-) [from Be(^{78}Kr, X)]; measured Eγ, Iγ, $\beta\gamma$-coin. ^{56}Ti deduced levels. Mass-separated source. JOUR NIMBE 241 195
^{56}Ti	2005MA93	RADIOACTIVITY ^{56}Sc(β^-) [from Be(^{78}Kr, X)]; measured Eγ, Iγ, $\beta\gamma$-coin. ^{56}Ti deduced levels. Mass-separated source. JOUR NIMBE 241 195
^{56}Cr	2005GU27	ATOMIC MASSES ^{56,57}Cr; measured masses. Penning trap mass spectrometer. JOUR JPGPE 31 S1765
^{56}Mn	2004AG09	NUCLEAR REACTIONS ^{103}Rh(n, n')^{103m}Rh, E $\approx$ 4.8 MeV; ^{115}In(n, n')^{115m}In, E $\approx$ 5 MeV; ^{232}Th, ^{238}U(n, F), E $\approx$ 5 MeV; ^{24}Mg, ^{27}Al, ^{46,47,48}Ti, ^{54,56}Fe, ^{58}Ni, ^{64}Zn(n, p), E $\approx$ 2-8 MeV; ^{27}Al, ^{59}Co(n, α), E $\approx$ 8.3 MeV; measured activation σ. Spectrum average technique, comparison with previous results. JOUR RAACA 92 63
	2005GU37	ATOMIC MASSES ^{56,57}Mn, ^{82m}Rb, ^{92}Sr, ^{124,127}Cs, ^{130}Ba; measured masses. Penning trap mass spectrometer. JOUR ZAANE 25 s01 35
^{56}Co	2005SI32	NUCLEAR REACTIONS Cu(n, X)^{54}Mn / ^{59}Fe / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Co, E $\approx$ 70.7, 110.8 MeV; measured σ. Comparison with previous results, model predictions. JOUR NIMBE 240 617

A=57

^{57}Ti	2005LI53	RADIOACTIVITY ^{57}Ti, ^{59}V, ^{59}Cr(β^-) [from Be(^{86}Kr, X)]; measured β-delayed Eγ, Iγ, $\gamma\gamma$-coin, $T_{1/2}$; deduced log ft. ^{57}V, ^{59}Cr, ^{59}Mn deduced levels, β-feeding intensities, deformation. Comparison with shell-model predictions. JOUR PRVCA 72 054321

A=57 *(continued)*

^{57}V	2005LI53	RADIOACTIVITY ^{57}Ti, ^{59}V, ^{59}Cr(β^-) [from Be(^{86}Kr, X)]; measured β-delayed Eγ, Iγ, $\gamma\gamma$-coin, $T_{1/2}$; deduced log ft. ^{57}V, ^{59}Cr, ^{59}Mn deduced levels, β-feeding intensities, deformation. Comparison with shell-model predictions. JOUR PRVCA 72 054321
^{57}Cr	2005GU27	ATOMIC MASSES ^{56,57}Cr; measured masses. Penning trap mass spectrometer. JOUR JPGPE 31 S1765
^{57}Mn	2005GU37	ATOMIC MASSES ^{56,57}Mn, ^{82m}Rb, ^{92}Sr, ^{124,127}Cs, ^{130}Ba; measured masses. Penning trap mass spectrometer. JOUR ZAANE 25 s01 35
^{57}Co	2005SI32	NUCLEAR REACTIONS Cu(n, X)^{54}Mn / ^{59}Fe / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Co, E $\approx$ 70.7, 110.8 MeV; measured σ. Comparison with previous results, model predictions. JOUR NIMBE 240 617
^{57}Ni	2005MAZL	NUCLEAR REACTIONS ^{58}Ni(polarized p, d), E=24.6 MeV; measured $\sigma(\theta)$, Ay(θ). ^{2}H(^{54}Fe, p), E=4.8 MeV / nucleon; measured $\sigma(\theta)$. Other reactions discussed. REPT MLL 2004 Annual,P9,Mahgoub

A=58

^{58}Cr	2005GA44	NUCLEAR REACTIONS ^{208}Pb(^{90}Zr, X)^{90}Zr / ^{92}Zr / ^{88}Sr, E=560 MeV; ^{238}U(^{64}Ni, X)^{58}Cr, E=400 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{58}Cr, ^{90,92}Zr, ^{88}Sr deduced transitions. Clara array, mass separator. JOUR JPGPE 31 S1443
	2005GA56	NUCLEAR REACTIONS ^{238}U(^{82}Se, X), E=505 MeV; ^{238}U(^{64}Ni, X), E=400 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (fragment)γ-coin, projectile-like fragments isotopic yields. ^{58}Cr, ^{80}As, ^{82}Ge, ^{84}Se deduced levels, J, π. Clara array, Prisma spectrometer. JOUR ZAANE 25 s01 421
^{58}Co	2005SI28	NUCLEAR REACTIONS ^{51}V(^{10}B, 2np), E=33, 36 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, DSA. ^{58}Co deduced levels, J, π, $T_{1/2}$, B(M1). Comparison with shell model predictions. JOUR JPGPE 31 S1577
	2005SI32	NUCLEAR REACTIONS Cu(n, X)^{54}Mn / ^{59}Fe / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Co, E $\approx$ 70.7, 110.8 MeV; measured σ. Comparison with previous results, model predictions. JOUR NIMBE 240 617
	2005SI37	NUCLEAR REACTIONS ^{51}V(^{10}B, 2np), E=33 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-coin. ^{58}Co deduced levels, J, π, configurations. Comparison with shell model predictions. JOUR BJPHE 35 821
^{58}Ni	2005AL45	NUCLEAR REACTIONS ^{58}Ni(^{16}O, ^{16}O), (^{16}O, ^{16}O'), (^{16}O, X), (^{18}O, ^{18}O), (^{18}O, ^{18}O'), (^{18}O, X), E=46 MeV; measured elastic, inelastic, and transfer $\sigma(\theta)$. Comparison with model predictions. JOUR BJPHE 35 909
	2005CO22	NUCLEAR REACTIONS ^{58}Ni(p, p'γ), (p, nγ), E=14 MeV; measured prompt and delayed Eγ, Iγ. ^{58}Cu level deduced $T_{1/2}$, B(E2), collective features. Comparison with model predictions. JOUR PRVCA 72 054305
^{58}Cu	2005CO22	NUCLEAR REACTIONS ^{58}Ni(p, p'γ), (p, nγ), E=14 MeV; measured prompt and delayed Eγ, Iγ. ^{58}Cu level deduced $T_{1/2}$, B(E2), collective features. Comparison with model predictions. JOUR PRVCA 72 054305

A=58 *(continued)*

	2005KA46	RADIOACTIVITY ^{31}Cl(β^+p) [from S(p, X), E=40 MeV]; measured β-delayed Eγ, Ep. ^{58}Zn(β^+) [from Nb(p, X), E=1.4 GeV]; measured Eγ, Iγ, $\beta\gamma$-coin, $T_{1/2}$. ^{58}Cu deduced levels, β-feeding intensities. ^{81m}Kr(EC), (IT); ^{81}Y, ^{81}Sr, ^{85}Nb, ^{85}Zr, ^{86}Mo, ^{86}Nb(EC) [from Ni, ^{54}Fe(^{32}S, X)]; measured Eγ, Iγ, E(ce), I(ce), $T_{1/2}$. ^{81}Kr, ^{85}Zr, ^{85}Nb deduced isomeric transitions $T_{1/2}$, ICC. ^{85}Zr, ^{86}Nb deduced levels, J, π, ICC. ^{81}Br deduced neutrino capture rate. Mass-separated sources. JOUR ZAANE 25 s01 129
^{58}Zn	2005KA46	RADIOACTIVITY ^{31}Cl(β^+p) [from S(p, X), E=40 MeV]; measured β-delayed Eγ, Ep. ^{58}Zn(β^+) [from Nb(p, X), E=1.4 GeV]; measured Eγ, Iγ, $\beta\gamma$-coin, $T_{1/2}$. ^{58}Cu deduced levels, β-feeding intensities. ^{81m}Kr(EC), (IT); ^{81}Y, ^{81}Sr, ^{85}Nb, ^{85}Zr, ^{86}Mo, ^{86}Nb(EC) [from Ni, ^{54}Fe(^{32}S, X)]; measured Eγ, Iγ, E(ce), I(ce), $T_{1/2}$. ^{81}Kr, ^{85}Zr, ^{85}Nb deduced isomeric transitions $T_{1/2}$, ICC. ^{85}Zr, ^{86}Nb deduced levels, J, π, ICC. ^{81}Br deduced neutrino capture rate. Mass-separated sources. JOUR ZAANE 25 s01 129

A=59

^{59}V	2005LI53	RADIOACTIVITY ^{57}Ti, ^{59}V, ^{59}Cr(β^-) [from Be(^{86}Kr, X)]; measured β-delayed Eγ, Iγ, $\gamma\gamma$-coin, $T_{1/2}$; deduced log ft. ^{57}V, ^{59}Cr, ^{59}Mn deduced levels, β-feeding intensities, deformation. Comparison with shell-model predictions. JOUR PRVCA 72 054321
^{59}Cr	2005FR29	NUCLEAR REACTIONS ^{13,14}C(^{48}Ca, 2p), E=130 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{59,60}Cr deduced levels, J, π. Gammasphere array, comparison with model predictions. JOUR JPGPE 31 S1465
	2005LI53	RADIOACTIVITY ^{57}Ti, ^{59}V, ^{59}Cr(β^-) [from Be(^{86}Kr, X)]; measured β-delayed Eγ, Iγ, $\gamma\gamma$-coin, $T_{1/2}$; deduced log ft. ^{57}V, ^{59}Cr, ^{59}Mn deduced levels, β-feeding intensities, deformation. Comparison with shell-model predictions. JOUR PRVCA 72 054321
^{59}Mn	2005LI53	RADIOACTIVITY ^{57}Ti, ^{59}V, ^{59}Cr(β^-) [from Be(^{86}Kr, X)]; measured β-delayed Eγ, Iγ, $\gamma\gamma$-coin, $T_{1/2}$; deduced log ft. ^{57}V, ^{59}Cr, ^{59}Mn deduced levels, β-feeding intensities, deformation. Comparison with shell-model predictions. JOUR PRVCA 72 054321
^{59}Fe	2005SI32	NUCLEAR REACTIONS Cu(n, X)^{54}Mn / ^{59}Fe / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Co, E $\approx$ 70.7, 110.8 MeV; measured σ. Comparison with previous results, model predictions. JOUR NIMBE 240 617
^{59}Co	2004SO36	NUCLEAR REACTIONS ^{59}Co(^{6}Li, X), (^{7}Li, X), E=12-26 MeV; measured fusion σ; deduced breakup effects. ^{59}Co(^{6}Li, dα), E=26 MeV; measured Eα, Ed, dα-coin. JOUR BJPHE 34 907
	2005SO14	NUCLEAR REACTIONS ^{12}C(^{6}Li, dα), E=26 MeV; ^{59}Co(^{6}Li, dα), E=30 MeV; measured particle spectra, $\sigma(\theta(\alpha), \theta(\mathrm{d}))$, three-body final state correlations; deduced reaction mechanism features. JOUR BJPHE 35 888

A=59 *(continued)*

^{59}Ga	2005ST29	NUCLEAR REACTIONS ^{9}Be(^{78}Kr, X)^{60}Ge / ^{61}Ge / ^{62}Ge / ^{63}Ge / ^{64}Ge / ^{64}Se / ^{65}Se / ^{66}Se / ^{67}Se / ^{68}Se, E=140 MeV / nucleon; measured production σ, isotopic yields; deduced no evidence for ^{59}Ga, ^{63}As. ^{60}Ge, ^{64}Se deduced $T_{1/2}$ lower limits. ^{59}Ga, ^{63}As deduced $T_{1/2}$ upper limits. JOUR PYLBB 627 32
	2005ST34	NUCLEAR REACTIONS ^{9}Be(^{78}Kr, X)^{60}Ge / ^{61}Ge / ^{62}Ge / ^{63}Ge / ^{64}Ge / ^{64}Se / ^{65}Se / ^{66}Se / ^{67}Se / ^{68}Se, E=140 MeV / nucleon; measured production σ, isotopic yields; deduced no evidence for ^{59}Ga, ^{63}As. JOUR ZAANE 25 s01 335

A=60

^{60}Cr	2005FR29	NUCLEAR REACTIONS ^{13,14}C(^{48}Ca, 2p), E=130 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{59,60}Cr deduced levels, J, π. Gammasphere array, comparison with model predictions. JOUR JPGPE 31 S1465
^{60}Co	2004GE20	RADIOACTIVITY ^{155}Sm(β^-) [from ^{154}Sm(n, γ)]; ^{60}Co, ^{133}Ba, ^{152}Eu; measured γ-ray angular correlations. ^{155}Eu, ^{60}Ni, ^{133}Cs, ^{152}Gd transitions deduced δ. Comparison with previous results. JOUR BJPHE 34 722
	2005SI32	NUCLEAR REACTIONS Cu(n, X)^{54}Mn / ^{59}Fe / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Co, E $\approx$ 70.7, 110.8 MeV; measured σ. Comparison with previous results, model predictions. JOUR NIMBE 240 617
^{60}Ni	2004GE20	RADIOACTIVITY ^{155}Sm(β^-) [from ^{154}Sm(n, γ)]; ^{60}Co, ^{133}Ba, ^{152}Eu; measured γ-ray angular correlations. ^{155}Eu, ^{60}Ni, ^{133}Cs, ^{152}Gd transitions deduced δ. Comparison with previous results. JOUR BJPHE 34 722
	2005WI23	NUCLEAR REACTIONS ^{100}Mo(^{11}B, xnypzα)^{104}Rh / ^{105}Rh / ^{107}Pd / ^{108}Pd, E=43 MeV; ^{51}V(^{16}O, xnypzα)^{60}Ni / ^{61}Ni / ^{61}Cu / ^{62}Cu, E=70 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-coin; deduced γ-ray yield ratios. Application to exit channel determination discussed. JOUR BJPHE 35 898
^{60}Ge	2005ST29	NUCLEAR REACTIONS ^{9}Be(^{78}Kr, X)^{60}Ge / ^{61}Ge / ^{62}Ge / ^{63}Ge / ^{64}Ge / ^{64}Se / ^{65}Se / ^{66}Se / ^{67}Se / ^{68}Se, E=140 MeV / nucleon; measured production σ, isotopic yields; deduced no evidence for ^{59}Ga, ^{63}As. ^{60}Ge, ^{64}Se deduced $T_{1/2}$ lower limits. ^{59}Ga, ^{63}As deduced $T_{1/2}$ upper limits. JOUR PYLBB 627 32
	2005ST34	NUCLEAR REACTIONS ^{9}Be(^{78}Kr, X)^{60}Ge / ^{61}Ge / ^{62}Ge / ^{63}Ge / ^{64}Ge / ^{64}Se / ^{65}Se / ^{66}Se / ^{67}Se / ^{68}Se, E=140 MeV / nucleon; measured production σ, isotopic yields; deduced no evidence for ^{59}Ga, ^{63}As. JOUR ZAANE 25 s01 335

A=61

^{61}Ni	2005WI23	NUCLEAR REACTIONS ^{100}Mo(^{11}B, xnypzα)^{104}Rh / ^{105}Rh / ^{107}Pd / ^{108}Pd, E=43 MeV; ^{51}V(^{16}O, xnypzα)^{60}Ni / ^{61}Ni / ^{61}Cu / ^{62}Cu, E=70 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-coin; deduced γ-ray yield ratios. Application to exit channel determination discussed. JOUR BJPHE 35 898
^{61}Cu	2005WI23	NUCLEAR REACTIONS ^{100}Mo(^{11}B, xnypzα)^{104}Rh / ^{105}Rh / ^{107}Pd / ^{108}Pd, E=43 MeV; ^{51}V(^{16}O, xnypzα)^{60}Ni / ^{61}Ni / ^{61}Cu / ^{62}Cu, E=70 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-coin; deduced γ-ray yield ratios. Application to exit channel determination discussed. JOUR BJPHE 35 898
^{61}Zn	2005EK01	NUCLEAR REACTIONS ^{16}O(^{24}Mg, nα), (^{24}Mg, pα), E=60 MeV; ^{28}Si(^{32}S, n2α), (^{32}S, p2α), E=130 MeV; ^{24}Mg(^{40}Ca, 2np), (^{40}Ca, n2p), E=104 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-, (neutron)γ-coin. ^{35}Ar, ^{35}Cl, ^{51}Fe, ^{51}Mn, ^{61}Ga, ^{61}Zn deduced levels, J, π, mirror energy difference. Discussed electromagnetic spin-orbit effect. Large-scale shell model calculations. JOUR ZAANE 25 s01 363
^{61}Ga	2005EK01	NUCLEAR REACTIONS ^{16}O(^{24}Mg, nα), (^{24}Mg, pα), E=60 MeV; ^{28}Si(^{32}S, n2α), (^{32}S, p2α), E=130 MeV; ^{24}Mg(^{40}Ca, 2np), (^{40}Ca, n2p), E=104 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-, (neutron)γ-coin. ^{35}Ar, ^{35}Cl, ^{51}Fe, ^{51}Mn, ^{61}Ga, ^{61}Zn deduced levels, J, π, mirror energy difference. Discussed electromagnetic spin-orbit effect. Large-scale shell model calculations. JOUR ZAANE 25 s01 363
^{61}Ge	2005ST29	NUCLEAR REACTIONS ^{9}Be(^{78}Kr, X)^{60}Ge / ^{61}Ge / ^{62}Ge / ^{63}Ge / ^{64}Ge / ^{64}Se / ^{65}Se / ^{66}Se / ^{67}Se / ^{68}Se, E=140 MeV / nucleon; measured production σ, isotopic yields; deduced no evidence for ^{59}Ga, ^{63}As. ^{60}Ge, ^{64}Se deduced $T_{1/2}$ lower limits. ^{59}Ga, ^{63}As deduced $T_{1/2}$ upper limits. JOUR PYLBB 627 32
	2005ST34	NUCLEAR REACTIONS ^{9}Be(^{78}Kr, X)^{60}Ge / ^{61}Ge / ^{62}Ge / ^{63}Ge / ^{64}Ge / ^{64}Se / ^{65}Se / ^{66}Se / ^{67}Se / ^{68}Se, E=140 MeV / nucleon; measured production σ, isotopic yields; deduced no evidence for ^{59}Ga, ^{63}As. JOUR ZAANE 25 s01 335

A=62

^{62}Ni	2005TO14	NUCLEAR REACTIONS ^{62}Ni(ν, γ), E=5.5-90 keV; measured Eγ, capture σ; deduced Maxwellian-averaged σ. JOUR ASJOA 623 L153
^{62}Cu	2005ERZZ	ATOMIC MASSES ^{62}Ga, ^{62}Zn, ^{62}Cu; measured masses. ^{62}Ga deduced Q(EC) for superallowed β-decay. Penning trap. PREPRINT nucl-ex/0512010,12/12/2005
	2005PE23	NUCLEAR REACTIONS ^{197}Au(^{65}Cu, X)^{62}Cu / ^{63}Cu, E=443 MeV; measured yields. JOUR ZAANE 25 s01 749
	2005WI23	NUCLEAR REACTIONS ^{100}Mo(^{11}B, xnypzα)^{104}Rh / ^{105}Rh / ^{107}Pd / ^{108}Pd, E=43 MeV; ^{51}V(^{16}O, xnypzα)^{60}Ni / ^{61}Ni / ^{61}Cu / ^{62}Cu, E=70 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-coin; deduced γ-ray yield ratios. Application to exit channel determination discussed. JOUR BJPHE 35 898

A=62 *(continued)*

^{62}Zn	2005ERZZ	ATOMIC MASSES ^{62}Ga, ^{62}Zn, ^{62}Cu; measured masses. ^{62}Ga deduced Q(EC) for superallowed β-decay. Penning trap. PREPRINT nucl-ex/0512010,12/12/2005
	2005HY04	RADIOACTIVITY ^{62}Ga(β^+); measured $T_{1/2}$. Comparison with previous results. JOUR JPGPE 31 S1885
^{62}Ga	2005ERZZ	ATOMIC MASSES ^{62}Ga, ^{62}Zn, ^{62}Cu; measured masses. ^{62}Ga deduced Q(EC) for superallowed β-decay. Penning trap. PREPRINT nucl-ex/0512010,12/12/2005
	2005HY04	RADIOACTIVITY ^{62}Ga(β^+); measured $T_{1/2}$. Comparison with previous results. JOUR JPGPE 31 S1885
^{62}Ge	2005ST29	NUCLEAR REACTIONS ^{9}Be(^{78}Kr, X)^{60}Ge / ^{61}Ge / ^{62}Ge / ^{63}Ge / ^{64}Ge / ^{64}Se / ^{65}Se / ^{66}Se / ^{67}Se / ^{68}Se, E=140 MeV / nucleon; measured production σ, isotopic yields; deduced no evidence for ^{59}Ga, ^{63}As. ^{60}Ge, ^{64}Se deduced $T_{1/2}$ lower limits. ^{59}Ga, ^{63}As deduced $T_{1/2}$ upper limits. JOUR PYLBB 627 32
	2005ST34	NUCLEAR REACTIONS ^{9}Be(^{78}Kr, X)^{60}Ge / ^{61}Ge / ^{62}Ge / ^{63}Ge / ^{64}Ge / ^{64}Se / ^{65}Se / ^{66}Se / ^{67}Se / ^{68}Se, E=140 MeV / nucleon; measured production σ, isotopic yields; deduced no evidence for ^{59}Ga, ^{63}As. JOUR ZAANE 25 s01 335

A=63

^{63}Ni	2005GE09	NUCLEAR REACTIONS ^{62,64}Ni(d, p), E not given; measured Eγ, Iγ(θ, H, t). ^{65}Ni deduced isomeric state g factor. Time dependent perturbed angular correlation technique, comparison with model predictions. JOUR JPGPE 31 S1439
	2005PE23	RADIOACTIVITY ^{63}Cu(EC) [from ^{197}Au(^{65}Cu, X)]; measured β-delayed Eγ, Iγ. JOUR ZAANE 25 s01 749
	2005SE23	NUCLEAR REACTIONS ^{197}Au(n, γ), E=spectrum; measured Eγ, Iγ; deduced neutron flux. ^{7}Li(p, n), E not given; deduced neutron spectrum. ^{62}Ni(n, γ), E $\approx$ 5.5-20 keV; measured σ; deduced Maxwellian-averaged σ. JOUR JUPSA 74 2981
^{63}Cu	2005PE23	RADIOACTIVITY ^{63}Cu(EC) [from ^{197}Au(^{65}Cu, X)]; measured β-delayed Eγ, Iγ. JOUR ZAANE 25 s01 749
	2005PE23	NUCLEAR REACTIONS ^{197}Au(^{65}Cu, X)^{62}Cu / ^{63}Cu, E=443 MeV; measured yields. JOUR ZAANE 25 s01 749
^{63}Ge	2005ST29	NUCLEAR REACTIONS ^{9}Be(^{78}Kr, X)^{60}Ge / ^{61}Ge / ^{62}Ge / ^{63}Ge / ^{64}Ge / ^{64}Se / ^{65}Se / ^{66}Se / ^{67}Se / ^{68}Se, E=140 MeV / nucleon; measured production σ, isotopic yields; deduced no evidence for ^{59}Ga, ^{63}As. ^{60}Ge, ^{64}Se deduced $T_{1/2}$ lower limits. ^{59}Ga, ^{63}As deduced $T_{1/2}$ upper limits. JOUR PYLBB 627 32
	2005ST34	NUCLEAR REACTIONS ^{9}Be(^{78}Kr, X)^{60}Ge / ^{61}Ge / ^{62}Ge / ^{63}Ge / ^{64}Ge / ^{64}Se / ^{65}Se / ^{66}Se / ^{67}Se / ^{68}Se, E=140 MeV / nucleon; measured production σ, isotopic yields; deduced no evidence for ^{59}Ga, ^{63}As. JOUR ZAANE 25 s01 335

A=63 *(continued)*

^{63}As	2005ST29	NUCLEAR REACTIONS ^{9}Be(^{78}Kr, X)^{60}Ge / ^{61}Ge / ^{62}Ge / ^{63}Ge / ^{64}Ge / ^{64}Se / ^{65}Se / ^{66}Se / ^{67}Se / ^{68}Se, E=140 MeV / nucleon; measured production σ, isotopic yields; deduced no evidence for ^{59}Ga, ^{63}As. ^{60}Ge, ^{64}Se deduced $T_{1/2}$ lower limits. ^{59}Ga, ^{63}As deduced $T_{1/2}$ upper limits. JOUR PYLBB 627 32
	2005ST34	NUCLEAR REACTIONS ^{9}Be(^{78}Kr, X)^{60}Ge / ^{61}Ge / ^{62}Ge / ^{63}Ge / ^{64}Ge / ^{64}Se / ^{65}Se / ^{66}Se / ^{67}Se / ^{68}Se, E=140 MeV / nucleon; measured production σ, isotopic yields; deduced no evidence for ^{59}Ga, ^{63}As. JOUR ZAANE 25 s01 335

A=64

^{64}Cu	2004AG09	NUCLEAR REACTIONS ^{103}Rh(n, n')^{103m}Rh, E ≈ 4.8 MeV; ^{115}In(n, n')^{115m}In, E ≈ 5 MeV; ^{232}Th, ^{238}U(n, F), E ≈ 5 MeV; ^{24}Mg, ^{27}Al, ^{46,47,48}Ti, ^{54,56}Fe, ^{58}Ni, ^{64}Zn(n, p), E ≈ 2-8 MeV; ^{27}Al, ^{59}Co(n, α), E ≈ 8.3 MeV; measured activation σ. Spectrum average technique, comparison with previous results. JOUR RAACA 92 63
	2005PO17	NUCLEAR REACTIONS ^{64}Ni(^{3}He, t), E=140 MeV / nucleon; measured triton spectra, $\sigma(\theta)$. ^{64}Cu deduced levels, J, π, Gamow-Teller strength distribution. JOUR JPGPE 31 S1945
	2005SHZS	NUCLEAR REACTIONS ^{65}Cu(^{6}Li, dα), (^{6}Li, ^{7}Li), (^{6}Li, ^{3}He), (^{6}Li, α), (^{6}Li, αX), (^{7}Li, tα), (^{7}Li, dα), (^{7}Li, ^{6}Li), (^{7}Li, ^{6}He), (^{7}Li, α), (^{7}Li, αX), E=25 MeV; measured particle spectra, σ, $\sigma(\theta)$; deduced reaction mechanism features. Comparison with coupled channels predictions. PREPRINT nucl-ex/0512032,12/21/2005
	2005SZ04	NUCLEAR REACTIONS Zn, ^{68}Zn(p, X)^{64}Cu, E ≈ 18-100 MeV; ^{66}Zn(p, n2p), E ≈ 35-100 MeV; measured production σ. Stacked-foil activation technique. JOUR NIMBE 240 625
^{64}Zn	2005CH60	ATOMIC MASSES ^{64}Zn, ^{64}Ga, ^{68}Ge, ^{68}As, ^{68,72}Se, ^{76}Kr, ^{76}Rb, ^{80}Sr, ^{80}Y; measured masses. Direct time-of-flight technique, comparison with previous results. JOUR JPGPE 31 S1771
	2005LE38	NUCLEAR REACTIONS C(^{68}Zn, ^{68}Zn'), E=180 MeV; measured Eγ, I$\gamma(\theta$, H, t) (particle)γ-coin following projectile Coulomb excitation. ^{68}Zn levels deduced g factors, $T_{1/2}$, B(E2), configurations. ^{64}Zn levels analyzed g factors, B(E2). Large-scale shell-model calculations. JOUR PRVCA 72 044301
^{64}Ga	2005CH60	ATOMIC MASSES ^{64}Zn, ^{64}Ga, ^{68}Ge, ^{68}As, ^{68,72}Se, ^{76}Kr, ^{76}Rb, ^{80}Sr, ^{80}Y; measured masses. Direct time-of-flight technique, comparison with previous results. JOUR JPGPE 31 S1771
^{64}Ge	2005CL08	ATOMIC MASSES ^{64}Ge, ^{68}Se; analyzed masses; deduced effective $T_{1/2}$. ^{90,91}Mo, ^{90,91,92,93}Tc, ^{93,94}Ru, ^{94,95}Rh, ^{104,105,106,107}In, ^{104,105,107,108}Sn, ^{107,108}Sb; measured masses. Penning trap, astrophysical implications discussed. JOUR ZAANE 25 s01 629
	2005ST29	NUCLEAR REACTIONS ^{9}Be(^{78}Kr, X)^{60}Ge / ^{61}Ge / ^{62}Ge / ^{63}Ge / ^{64}Ge / ^{64}Se / ^{65}Se / ^{66}Se / ^{67}Se / ^{68}Se, E=140 MeV / nucleon; measured production σ, isotopic yields; deduced no evidence for ^{59}Ga, ^{63}As. ^{60}Ge, ^{64}Se deduced $T_{1/2}$ lower limits. ^{59}Ga, ^{63}As deduced $T_{1/2}$ upper limits. JOUR PYLBB 627 32

A=64 *(continued)*

	2005ST34	NUCLEAR REACTIONS ^{9}Be(^{78}Kr, X)^{60}Ge / ^{61}Ge / ^{62}Ge / ^{63}Ge / ^{64}Ge / ^{64}Se / ^{65}Se / ^{66}Se / ^{67}Se / ^{68}Se, E=140 MeV / nucleon; measured production σ, isotopic yields; deduced no evidence for ^{59}Ga, ^{63}As. JOUR ZAANE 25 s01 335
^{64}Se	2005ST29	NUCLEAR REACTIONS ^{9}Be(^{78}Kr, X)^{60}Ge / ^{61}Ge / ^{62}Ge / ^{63}Ge / ^{64}Ge / ^{64}Se / ^{65}Se / ^{66}Se / ^{67}Se / ^{68}Se, E=140 MeV / nucleon; measured production σ, isotopic yields; deduced no evidence for ^{59}Ga, ^{63}As. ^{60}Ge, ^{64}Se deduced $T_{1/2}$ lower limits. ^{59}Ga, ^{63}As deduced $T_{1/2}$ upper limits. JOUR PYLBB 627 32
	2005ST34	NUCLEAR REACTIONS ^{9}Be(^{78}Kr, X)^{60}Ge / ^{61}Ge / ^{62}Ge / ^{63}Ge / ^{64}Ge / ^{64}Se / ^{65}Se / ^{66}Se / ^{67}Se / ^{68}Se, E=140 MeV / nucleon; measured production σ, isotopic yields; deduced no evidence for ^{59}Ga, ^{63}As. JOUR ZAANE 25 s01 335

A=65

^{65}Ni	2005GE09	NUCLEAR REACTIONS ^{62,64}Ni(d, p), E not given; measured Eγ, Iγ(θ, H, t). ^{65}Ni deduced isomeric state g factor. Time dependent perturbed angular correlation technique, comparison with model predictions. JOUR JPGPE 31 S1439
^{65}Cu	2005SHZS	NUCLEAR REACTIONS ^{65}Cu(^{6}Li, dα), (^{6}Li, ^{7}Li), (^{6}Li, ^{3}He), (^{6}Li, α), (^{6}Li, αX), (^{7}Li, tα), (^{7}Li, dα), (^{7}Li, ^{6}Li), (^{7}Li, ^{6}He), (^{7}Li, α), (^{7}Li, αX), E=25 MeV; measured particle spectra, σ, $\sigma(\theta)$; deduced reaction mechanism features. Comparison with coupled channels predictions. PREPRINT nucl-ex/0512032,12/21/2005
	2006BO01	RADIOACTIVITY ^{54}Mn, ^{65}Zn(EC); measured $\beta\gamma$-coin. Triple to double coincidence ratio method. JOUR ARISE 64 124
^{65}Zn	2006BO01	RADIOACTIVITY ^{54}Mn, ^{65}Zn(EC); measured $\beta\gamma$-coin. Triple to double coincidence ratio method. JOUR ARISE 64 124
^{65}Se	2005ST29	NUCLEAR REACTIONS ^{9}Be(^{78}Kr, X)^{60}Ge / ^{61}Ge / ^{62}Ge / ^{63}Ge / ^{64}Ge / ^{64}Se / ^{65}Se / ^{66}Se / ^{67}Se / ^{68}Se, E=140 MeV / nucleon; measured production σ, isotopic yields; deduced no evidence for ^{59}Ga, ^{63}As. ^{60}Ge, ^{64}Se deduced $T_{1/2}$ lower limits. ^{59}Ga, ^{63}As deduced $T_{1/2}$ upper limits. JOUR PYLBB 627 32
	2005ST34	NUCLEAR REACTIONS ^{9}Be(^{78}Kr, X)^{60}Ge / ^{61}Ge / ^{62}Ge / ^{63}Ge / ^{64}Ge / ^{64}Se / ^{65}Se / ^{66}Se / ^{67}Se / ^{68}Se, E=140 MeV / nucleon; measured production σ, isotopic yields; deduced no evidence for ^{59}Ga, ^{63}As. JOUR ZAANE 25 s01 335

A=66

^{66}Cu	2005SHZS	NUCLEAR REACTIONS ^{65}Cu(^{6}Li, dα), (^{6}Li, ^{7}Li), (^{6}Li, ^{3}He), (^{6}Li, α), (^{6}Li, αX), (^{7}Li, tα), (^{7}Li, dα), (^{7}Li, ^{6}Li), (^{7}Li, ^{6}He), (^{7}Li, α), (^{7}Li, αX), E=25 MeV; measured particle spectra, σ, $\sigma(\theta)$; deduced reaction mechanism features. Comparison with coupled channels predictions. PREPRINT nucl-ex/0512032,12/21/2005

A=66 *(continued)*

^{66}Zn	2005SHZS	NUCLEAR REACTIONS ^{65}Cu(^{6}Li, dα), (^{6}Li, ^{7}Li), (^{6}Li, ^{3}He), (^{6}Li, α), (^{6}Li, αX), (^{7}Li, tα), (^{7}Li, dα), (^{7}Li, ^{6}Li), (^{7}Li, ^{6}He), (^{7}Li, α), (^{7}Li, αX), E=25 MeV; measured particle spectra, σ, $\sigma(\theta)$; deduced reaction mechanism features. Comparison with coupled channels predictions. PREPRINT nucl-ex/0512032,12/21/2005
^{66}Se	2005ST29	NUCLEAR REACTIONS ^{9}Be(^{78}Kr, X)^{60}Ge / ^{61}Ge / ^{62}Ge / ^{63}Ge / ^{64}Ge / ^{64}Se / ^{65}Se / ^{66}Se / ^{67}Se / ^{68}Se, E=140 MeV / nucleon; measured production σ, isotopic yields; deduced no evidence for ^{59}Ga, ^{63}As. ^{60}Ge, ^{64}Se deduced $T_{1/2}$ lower limits. ^{59}Ga, ^{63}As deduced $T_{1/2}$ upper limits. JOUR PYLBB 627 32
	2005ST34	NUCLEAR REACTIONS ^{9}Be(^{78}Kr, X)^{60}Ge / ^{61}Ge / ^{62}Ge / ^{63}Ge / ^{64}Ge / ^{64}Se / ^{65}Se / ^{66}Se / ^{67}Se / ^{68}Se, E=140 MeV / nucleon; measured production σ, isotopic yields; deduced no evidence for ^{59}Ga, ^{63}As. JOUR ZAANE 25 s01 335

A=67

^{67}Zn	2005SHZS	NUCLEAR REACTIONS ^{65}Cu(^{6}Li, dα), (^{6}Li, ^{7}Li), (^{6}Li, ^{3}He), (^{6}Li, α), (^{6}Li, αX), (^{7}Li, tα), (^{7}Li, dα), (^{7}Li, ^{6}Li), (^{7}Li, ^{6}He), (^{7}Li, α), (^{7}Li, αX), E=25 MeV; measured particle spectra, σ, $\sigma(\theta)$; deduced reaction mechanism features. Comparison with coupled channels predictions. PREPRINT nucl-ex/0512032,12/21/2005
^{67}Se	2005ST29	NUCLEAR REACTIONS ^{9}Be(^{78}Kr, X)^{60}Ge / ^{61}Ge / ^{62}Ge / ^{63}Ge / ^{64}Ge / ^{64}Se / ^{65}Se / ^{66}Se / ^{67}Se / ^{68}Se, E=140 MeV / nucleon; measured production σ, isotopic yields; deduced no evidence for ^{59}Ga, ^{63}As. ^{60}Ge, ^{64}Se deduced $T_{1/2}$ lower limits. ^{59}Ga, ^{63}As deduced $T_{1/2}$ upper limits. JOUR PYLBB 627 32
	2005ST34	NUCLEAR REACTIONS ^{9}Be(^{78}Kr, X)^{60}Ge / ^{61}Ge / ^{62}Ge / ^{63}Ge / ^{64}Ge / ^{64}Se / ^{65}Se / ^{66}Se / ^{67}Se / ^{68}Se, E=140 MeV / nucleon; measured production σ, isotopic yields; deduced no evidence for ^{59}Ga, ^{63}As. JOUR ZAANE 25 s01 335

A=68

^{68}Zn	2005LE38	NUCLEAR REACTIONS C(^{68}Zn, ^{68}Zn'), E=180 MeV; measured Eγ, I$\gamma(\theta$, H, t) (particle)γ-coin following projectile Coulomb excitation. ^{68}Zn levels deduced g factors, $T_{1/2}$, B(E2), configurations. ^{64}Zn levels analyzed g factors, B(E2). Large-scale shell-model calculations. JOUR PRVCA 72 044301
	2005SHZS	NUCLEAR REACTIONS ^{65}Cu(^{6}Li, dα), (^{6}Li, ^{7}Li), (^{6}Li, ^{3}He), (^{6}Li, α), (^{6}Li, αX), (^{7}Li, tα), (^{7}Li, dα), (^{7}Li, ^{6}Li), (^{7}Li, ^{6}He), (^{7}Li, α), (^{7}Li, αX), E=25 MeV; measured particle spectra, σ, $\sigma(\theta)$; deduced reaction mechanism features. Comparison with coupled channels predictions. PREPRINT nucl-ex/0512032,12/21/2005
^{68}Ge	2005CH60	ATOMIC MASSES ^{64}Zn, ^{64}Ga, ^{68}Ge, ^{68}As, ^{68,72}Se, ^{76}Kr, ^{76}Rb, ^{80}Sr, ^{80}Y; measured masses. Direct time-of-flight technique, comparison with previous results. JOUR JPGPE 31 S1771

A=68 *(continued)*

^{68}As	2005CH60	ATOMIC MASSES ^{64}Zn, ^{64}Ga, ^{68}Ge, ^{68}As, ^{68,72}Se, ^{76}Kr, ^{76}Rb, ^{80}Sr, ^{80}Y; measured masses. Direct time-of-flight technique, comparison with previous results. JOUR JPGPE 31 S1771
^{68}Se	2005CH60	ATOMIC MASSES ^{64}Zn, ^{64}Ga, ^{68}Ge, ^{68}As, ^{68,72}Se, ^{76}Kr, ^{76}Rb, ^{80}Sr, ^{80}Y; measured masses. Direct time-of-flight technique, comparison with previous results. JOUR JPGPE 31 S1771
	2005CL08	ATOMIC MASSES ^{64}Ge, ^{68}Se; analyzed masses; deduced effective $T_{1/2}$. ^{90,91}Mo, ^{90,91,92,93}Tc, ^{93,94}Ru, ^{94,95}Rh, ^{104,105,106,107}In, ^{104,105,107,108}Sn, ^{107,108}Sb; measured masses. Penning trap, astrophysical implications discussed. JOUR ZAANE 25 s01 629
	2005ST29	NUCLEAR REACTIONS ^{9}Be(^{78}Kr, X)^{60}Ge / ^{61}Ge / ^{62}Ge / ^{63}Ge / ^{64}Ge / ^{64}Se / ^{65}Se / ^{66}Se / ^{67}Se / ^{68}Se, E=140 MeV / nucleon; measured production σ, isotopic yields; deduced no evidence for ^{59}Ga, ^{63}As. ^{60}Ge, ^{64}Se deduced $T_{1/2}$ lower limits. ^{59}Ga, ^{63}As deduced $T_{1/2}$ upper limits. JOUR PYLBB 627 32
	2005ST34	NUCLEAR REACTIONS ^{9}Be(^{78}Kr, X)^{60}Ge / ^{61}Ge / ^{62}Ge / ^{63}Ge / ^{64}Ge / ^{64}Se / ^{65}Se / ^{66}Se / ^{67}Se / ^{68}Se, E=140 MeV / nucleon; measured production σ, isotopic yields; deduced no evidence for ^{59}Ga, ^{63}As. JOUR ZAANE 25 s01 335

A=69

No references found

A=70

^{70}Ni	2005MA95	RADIOACTIVITY ^{71,72,73,74}Co(β^-), (β^-n) [from ^{9}Be(^{86}Kr, X)]; measured Eγ, Eβ, $\beta\gamma$-coin; deduced βn branching fraction. ^{70,71,72,73,74}Ni deduced levels, J, π. JOUR ZAANE 25 s01 93
^{70}Ga	2005WA29	NUCLEAR REACTIONS ^{71}Ga(n, 2n), E=13.5, 14.1, 14.7 MeV; measured σ. Activation technique, comparison with previous results. JOUR PRVCA 72 037604

A=71

^{71}Co	2005MA95	RADIOACTIVITY ^{71,72,73,74}Co(β^-), (β^-n) [from ^{9}Be(^{86}Kr, X)]; measured Eγ, Eβ, $\beta\gamma$-coin; deduced βn branching fraction. ^{70,71,72,73,74}Ni deduced levels, J, π. JOUR ZAANE 25 s01 93
^{71}Ni	2005MA95	RADIOACTIVITY ^{71,72,73,74}Co(β^-), (β^-n) [from ^{9}Be(^{86}Kr, X)]; measured Eγ, Eβ, $\beta\gamma$-coin; deduced βn branching fraction. ^{70,71,72,73,74}Ni deduced levels, J, π. JOUR ZAANE 25 s01 93
^{71}Ge	2004HO25	NUCLEAR REACTIONS ^{70,73}Ge(n, γ), E=thermal; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{71,74}Ge deduced transitions, two-quantum cascade intensities. JOUR BRSPE 68 1324

A=72

^{72}Co	2005MA95	RADIOACTIVITY ^{71,72,73,74}Co(β^-), (β^-n) [from ^{9}Be(^{86}Kr, X)]; measured Eγ, Eβ, $\beta\gamma$-coin; deduced βn branching fraction. ^{70,71,72,73,74}Ni deduced levels, J, π. JOUR ZAANE 25 s01 93
^{72}Ni	2005MA95	RADIOACTIVITY ^{71,72,73,74}Co(β^-), (β^-n) [from ^{9}Be(^{86}Kr, X)]; measured Eγ, Eβ, $\beta\gamma$-coin; deduced βn branching fraction. ^{70,71,72,73,74}Ni deduced levels, J, π. JOUR ZAANE 25 s01 93
^{72}Se	2005CH60	ATOMIC MASSES ^{64}Zn, ^{64}Ga, ^{68}Ge, ^{68}As, ^{68,72}Se, ^{76}Kr, ^{76}Rb, ^{80}Sr, ^{80}Y; measured masses. Direct time-of-flight technique, comparison with previous results. JOUR JPGPE 31 S1771
^{72}Kr	2005RO39	ATOMIC MASSES ^{72,73,74}Kr, ^{73}Rb, ^{74}Sr; measured masses. Penning trap mass spectrometer. JOUR ZAANE 25 s01 41

A=73

^{73}Co	2005MA95	RADIOACTIVITY ^{71,72,73,74}Co(β^-), (β^-n) [from ^{9}Be(^{86}Kr, X)]; measured Eγ, Eβ, $\beta\gamma$-coin; deduced βn branching fraction. ^{70,71,72,73,74}Ni deduced levels, J, π. JOUR ZAANE 25 s01 93
^{73}Ni	2005MA95	RADIOACTIVITY ^{71,72,73,74}Co(β^-), (β^-n) [from ^{9}Be(^{86}Kr, X)]; measured Eγ, Eβ, $\beta\gamma$-coin; deduced βn branching fraction. ^{70,71,72,73,74}Ni deduced levels, J, π. JOUR ZAANE 25 s01 93
^{73}Ge	2004VA37	RADIOACTIVITY ^{73}Ge(β^-); measured $T_{1/2}$ lower limit for charge-nonconserving β-decay. JOUR BRSPE 68 1255
^{73}As	2004VA37	RADIOACTIVITY ^{73}Ge(β^-); measured $T_{1/2}$ lower limit for charge-nonconserving β-decay. JOUR BRSPE 68 1255
^{73}Kr	2005RO39	ATOMIC MASSES ^{72,73,74}Kr, ^{73}Rb, ^{74}Sr; measured masses. Penning trap mass spectrometer. JOUR ZAANE 25 s01 41
^{73}Rb	2005RO39	ATOMIC MASSES ^{72,73,74}Kr, ^{73}Rb, ^{74}Sr; measured masses. Penning trap mass spectrometer. JOUR ZAANE 25 s01 41

A=74

^{74}Co	2005MA95	RADIOACTIVITY ^{71,72,73,74}Co(β^-), (β^-n) [from ^{9}Be(^{86}Kr, X)]; measured Eγ, Eβ, $\beta\gamma$-coin; deduced βn branching fraction. ^{70,71,72,73,74}Ni deduced levels, J, π. JOUR ZAANE 25 s01 93
^{74}Ni	2005MA95	RADIOACTIVITY ^{71,72,73,74}Co(β^-), (β^-n) [from ^{9}Be(^{86}Kr, X)]; measured Eγ, Eβ, $\beta\gamma$-coin; deduced βn branching fraction. ^{70,71,72,73,74}Ni deduced levels, J, π. JOUR ZAANE 25 s01 93
^{74}Ge	2004HO25	NUCLEAR REACTIONS ^{70,73}Ge(n, γ), E=thermal; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{71,74}Ge deduced transitions, two-quantum cascade intensities. JOUR BRSPE 68 1324
^{74}Br	2004CO29	RADIOACTIVITY ^{74}Kr(EC), (β^+) [from Nb(p, X)]; measured $\beta\gamma$-coin; deduced Gamow-Teller strength distribution. ^{33}Na(β^-), (β^-n) [from U(p, X)]; measured $\beta\gamma$-, nβ-, $\gamma\gamma$-coin, $T_{1/2}$. ^{33}Mg deduced ground-state J, π. Total absorption spectrometer. JOUR BJPHE 34 850

A=74 *(continued)*

^{74}Kr	2004CO29	RADIOACTIVITY ^{74}Kr(EC), (β^+) [from Nb(p, X)]; measured $\beta\gamma$-coin; deduced Gamow-Teller strength distribution. ^{33}Na(β^-), (β^-n) [from U(p, X)]; measured $\beta\gamma$-, nβ-, $\gamma\gamma$-coin, $T_{1/2}$. ^{33}Mg deduced ground-state J, π. Total absorption spectrometer. JOUR BJPHE 34 850
	2005GO43	NUCLEAR REACTIONS ^{40}Ca(^{40}Ca, 2pα), (^{40}Ca, 4p), E=147 MeV; measured Doppler-shifted Eγ, Iγ, $\gamma\gamma$-coin. ^{74,76}Kr levels deduced $T_{1/2}$, B(E2). GASP array, recoil-distance technique. JOUR ZAANE 26 153
	2005RO39	ATOMIC MASSES ^{72,73,74}Kr, ^{73}Rb, ^{74}Sr; measured masses. Penning trap mass spectrometer. JOUR ZAANE 25 s01 41
	2005VA30	NUCLEAR REACTIONS ^{40}Ca(^{40}Ca, 2pα), E=165, 185 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-, (neutron)γ-coin, DSA. ^{74}Kr deduced high-spin levels, J, π, $T_{1/2}$, transition quadrupole moments, configurations, nontermination of rotational bands. Euroball III, ISIS, Gammasphere, and Microball arrays. JOUR PRLTA 95 232501
^{74}Sr	2005RO39	ATOMIC MASSES ^{72,73,74}Kr, ^{73}Rb, ^{74}Sr; measured masses. Penning trap mass spectrometer. JOUR ZAANE 25 s01 41

A=75

^{75}As	2005RA29	RADIOACTIVITY ^{75}Se(EC); measured Eγ, Iγ, E(ce), I(ce); deduced log ft. ^{75}As deduced levels, J, π, ICC, B(E2), δ. Mini-orange spectrometer. JOUR ZAANE 26 41
^{75}Se	2005RA29	RADIOACTIVITY ^{75}Se(EC); measured Eγ, Iγ, E(ce), I(ce); deduced log ft. ^{75}As deduced levels, J, π, ICC, B(E2), δ. Mini-orange spectrometer. JOUR ZAANE 26 41
^{75}Br	2004SC48	NUCLEAR REACTIONS ^{78}Kr(d, n), (d, p), (d, α), (d, nα), E $\approx$ 4-13 MeV; measured excitation functions. Stacked gas cell activation technique. JOUR RAACA 92 203

A=76

^{76}Ge	2005IW03	NUCLEAR REACTIONS Pb(^{76}Ge, ^{76}Ge'), (^{78}Ge, ^{78}Ge'), (^{80}Ge, ^{80}Ge'), (^{82}Ge, ^{82}Ge'), E $\approx$ 40 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{76,78,80,82}Ge deduced transitions B(E2). JOUR ZAANE 25 s01 415
^{76}Br	2004SC48	NUCLEAR REACTIONS ^{78}Kr(d, n), (d, p), (d, α), (d, nα), E $\approx$ 4-13 MeV; measured excitation functions. Stacked gas cell activation technique. JOUR RAACA 92 203
^{76}Kr	2005BE61	NUCLEAR REACTIONS ^{26}Mg(^{76}Kr, ^{76}Kr'), E=230 MeV; measured Eγ, Iγ(θ, H, t), (particle)γ-coin following projectile Coulomb excitation. ^{76}Kr level deduced g factor. Transient field technique. JOUR ZAANE 25 s01 203
	2005CH60	ATOMIC MASSES ^{64}Zn, ^{64}Ga, ^{68}Ge, ^{68}As, ^{68,72}Se, ^{76}Kr, ^{76}Rb, ^{80}Sr, ^{80}Y; measured masses. Direct time-of-flight technique, comparison with previous results. JOUR JPGPE 31 S1771

A=76 *(continued)*

	2005GI17	RADIOACTIVITY ^{76}Rb(β^+), (EC) [from Nb(p, X)]; measured Eγ, Iγ, E(ce), I(ce), $\gamma\gamma$-, $\beta\gamma$-coin; deduced log ft. ^{76}Kr deduced levels J, π, $T_{1/2}$, ICC. ^{76}Rb deduced ground state J, π. JOUR PRVCA 72 044308
	2005GO43	NUCLEAR REACTIONS ^{40}Ca(^{40}Ca, 2pα), (^{40}Ca, 4p), E=147 MeV; measured Doppler-shifted Eγ, Iγ, $\gamma\gamma$-coin. ^{74,76}Kr levels deduced $T_{1/2}$, B(E2). GASP array, recoil-distance technique. JOUR ZAANE 26 153
^{76}Rb	2005CH60	ATOMIC MASSES ^{64}Zn, ^{64}Ga, ^{68}Ge, ^{68}As, ^{68,72}Se, ^{76}Kr, ^{76}Rb, ^{80}Sr, ^{80}Y; measured masses. Direct time-of-flight technique, comparison with previous results. JOUR JPGPE 31 S1771
	2005GI17	RADIOACTIVITY ^{76}Rb(β^+), (EC) [from Nb(p, X)]; measured Eγ, Iγ, E(ce), I(ce), $\gamma\gamma$-, $\beta\gamma$-coin; deduced log ft. ^{76}Kr deduced levels J, π, $T_{1/2}$, ICC. ^{76}Rb deduced ground state J, π. JOUR PRVCA 72 044308
^{76}Sr	2005SI34	ATOMIC MASSES ^{76,77,80,81,86,88}Sr, ^{124,129,130,131,132}Sn; measured masses. Penning trap mass spectrometer, comparison with previous results. JOUR NUPAB 763 45

A=77

^{77}Sr	2005SI34	ATOMIC MASSES ^{76,77,80,81,86,88}Sr, ^{124,129,130,131,132}Sn; measured masses. Penning trap mass spectrometer, comparison with previous results. JOUR NUPAB 763 45

A=78

^{78}Ni	2005SC28	RADIOACTIVITY ^{78}Ni(β^-) [from ^{86}Kr fragmentation]; measured $T_{1/2}$. Comparison with model predictions, astrophysical implications discussed. JOUR ZAANE 25 s01 639
^{78}Cu	2005SC28	RADIOACTIVITY ^{78}Ni(β^-) [from ^{86}Kr fragmentation]; measured $T_{1/2}$. Comparison with model predictions, astrophysical implications discussed. JOUR ZAANE 25 s01 639
^{78}Ge	2005IW03	NUCLEAR REACTIONS Pb(^{76}Ge, ^{76}Ge'), (^{78}Ge, ^{78}Ge'), (^{80}Ge, ^{80}Ge'), (^{82}Ge, ^{82}Ge'), E $\approx$ 40 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{76,78,80,82}Ge deduced transitions B(E2). JOUR ZAANE 25 s01 415
^{78}Se	2005GAZV	RADIOACTIVITY ^{78}Kr(2EC); measured 2K(2ν)-capture $T_{1/2}$ lower limit. PREPRINT nucl-ex/0510070,10/26/2005
^{78}Kr	2005GAZV	RADIOACTIVITY ^{78}Kr(2EC); measured 2K(2ν)-capture $T_{1/2}$ lower limit. PREPRINT nucl-ex/0510070,10/26/2005
	2005SC26	ATOMIC MASSES ^{78,80,82,83,84,86}Kr; measured masses. Penning trap mass spectrometer. JOUR ZAANE 25 s01 51

A=79

^{79}Kr	2004SC48	NUCLEAR REACTIONS ^{78}Kr(d, n), (d, p), (d, α), (d, nα), E $\approx$ 4-13 MeV; measured excitation functions. Stacked gas cell activation technique. JOUR RAACA 92 203

A=79 *(continued)*

^{79}Rb	2004SC48	NUCLEAR REACTIONS ^{78}Kr(d, n), (d, p), (d, α), (d, nα), E $\approx$ 4-13 MeV; measured excitation functions. Stacked gas cell activation technique. JOUR RAACA 92 203

A=80

^{80}Ga	2005MA81	RADIOACTIVITY ^{32}Na, ^{80}Ga(β^-); measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin. ^{32}Mg, ^{80}Ge levels deduced $T_{1/2}$. Ultra-fast timing techniques. JOUR JPGPE 31 S1421
^{80}Ge	2005IW03	NUCLEAR REACTIONS Pb(^{76}Ge, ^{76}Ge'), (^{78}Ge, ^{78}Ge'), (^{80}Ge, ^{80}Ge'), (^{82}Ge, ^{82}Ge'), E $\approx$ 40 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{76,78,80,82}Ge deduced transitions B(E2). JOUR ZAANE 25 s01 415
	2005MA81	RADIOACTIVITY ^{32}Na, ^{80}Ga(β^-); measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin. ^{32}Mg, ^{80}Ge levels deduced $T_{1/2}$. Ultra-fast timing techniques. JOUR JPGPE 31 S1421
^{80}As	2005GA56	NUCLEAR REACTIONS ^{238}U(^{82}Se, X), E=505 MeV; ^{238}U(^{64}Ni, X), E=400 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (fragment)γ-coin, projectile-like fragments isotopic yields. ^{58}Cr, ^{80}As, ^{82}Ge, ^{84}Se deduced levels, J, π. Clara array, Prisma spectrometer. JOUR ZAANE 25 s01 421
^{80}Kr	2005SC26	ATOMIC MASSES ^{78,80,82,83,84,86}Kr; measured masses. Penning trap mass spectrometer. JOUR ZAANE 25 s01 51
^{80}Sr	2005CH60	ATOMIC MASSES ^{64}Zn, ^{64}Ga, ^{68}Ge, ^{68}As, ^{68,72}Se, ^{76}Kr, ^{76}Rb, ^{80}Sr, ^{80}Y; measured masses. Direct time-of-flight technique, comparison with previous results. JOUR JPGPE 31 S1771
	2005SI34	ATOMIC MASSES ^{76,77,80,81,86,88}Sr, ^{124,129,130,131,132}Sn; measured masses. Penning trap mass spectrometer, comparison with previous results. JOUR NUPAB 763 45
^{80}Y	2005CH60	ATOMIC MASSES ^{64}Zn, ^{64}Ga, ^{68}Ge, ^{68}As, ^{68,72}Se, ^{76}Kr, ^{76}Rb, ^{80}Sr, ^{80}Y; measured masses. Direct time-of-flight technique, comparison with previous results. JOUR JPGPE 31 S1771

A=81

^{81}Zn	2004VE14	RADIOACTIVITY ^{83}Ga, ^{81}Zn(β^-) [from U(d, X)]; measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin, $T_{1/2}$. ^{81}Ga, ^{83}As deduced levels. JOUR BJPHE 34 979
^{81}Ga	2004VE14	RADIOACTIVITY ^{83}Ga, ^{81}Zn(β^-) [from U(d, X)]; measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin, $T_{1/2}$. ^{81}Ga, ^{83}As deduced levels. JOUR BJPHE 34 979
^{81}Br	2005KA39	RADIOACTIVITY ^{81m}Kr(EC), (IT); ^{81}Y, ^{81}Sr, ^{85}Nb, ^{85}Zr, ^{86}Mo, ^{86}Nb(EC) [from Ni, ^{54}Fe(^{32}S, X)]; measured Eγ, Iγ, E(ce), I(ce), $T_{1/2}$. ^{81}Kr, ^{85}Zr, ^{85}Nb deduced isomeric transitions $T_{1/2}$, ICC. ^{85}Zr, ^{86}Nb deduced levels, J, π, ICC. ^{81}Br deduced neutrino capture rate. Astrophysical implications discussed. JOUR ZAANE 25 355

A=81 *(continued)*

	2005KA46	RADIOACTIVITY ^{31}Cl(β^+p) [from S(p, X), E=40 MeV]; measured β-delayed Eγ, Ep. ^{58}Zn(β^+) [from Nb(p, X), E=1.4 GeV]; measured Eγ, Iγ, $\beta\gamma$-coin, $T_{1/2}$. ^{58}Cu deduced levels, β-feeding intensities. ^{81m}Kr(EC), (IT); ^{81}Y, ^{81}Sr, ^{85}Nb, ^{85}Zr, ^{86}Mo, ^{86}Nb(EC) [from Ni, ^{54}Fe(^{32}S, X)]; measured Eγ, Iγ, E(ce), I(ce), $T_{1/2}$. ^{81}Kr, ^{85}Zr, ^{85}Nb deduced isomeric transitions $T_{1/2}$, ICC. ^{85}Zr, ^{86}Nb deduced levels, J, π, ICC. ^{81}Br deduced neutrino capture rate. Mass-separated sources. JOUR ZAANE 25 s01 129
^{81}Kr	2005KA39	RADIOACTIVITY ^{81m}Kr(EC), (IT); ^{81}Y, ^{81}Sr, ^{85}Nb, ^{85}Zr, ^{86}Mo, ^{86}Nb(EC) [from Ni, ^{54}Fe(^{32}S, X)]; measured Eγ, Iγ, E(ce), I(ce), $T_{1/2}$. ^{81}Kr, ^{85}Zr, ^{85}Nb deduced isomeric transitions $T_{1/2}$, ICC. ^{85}Zr, ^{86}Nb deduced levels, J, π, ICC. ^{81}Br deduced neutrino capture rate. Astrophysical implications discussed. JOUR ZAANE 25 355
	2005KA39	NUCLEAR REACTIONS ^{54}Fe(^{32}S, X)^{81}Zr / ^{81}Y / ^{81}Sr / ^{81m}Kr, E=150-170 MeV; Ni(^{32}S, X)^{85}Nb / ^{85m}Nb / ^{85Zr} / ^{85m}Zr / ^{86}Mo / ^{86}Nb, E=150-170 MeV; measured yields. JOUR ZAANE 25 355
	2005KA46	RADIOACTIVITY ^{31}Cl(β^+p) [from S(p, X), E=40 MeV]; measured β-delayed Eγ, Ep. ^{58}Zn(β^+) [from Nb(p, X), E=1.4 GeV]; measured Eγ, Iγ, $\beta\gamma$-coin, $T_{1/2}$. ^{58}Cu deduced levels, β-feeding intensities. ^{81m}Kr(EC), (IT); ^{81}Y, ^{81}Sr, ^{85}Nb, ^{85}Zr, ^{86}Mo, ^{86}Nb(EC) [from Ni, ^{54}Fe(^{32}S, X)]; measured Eγ, Iγ, E(ce), I(ce), $T_{1/2}$. ^{81}Kr, ^{85}Zr, ^{85}Nb deduced isomeric transitions $T_{1/2}$, ICC. ^{85}Zr, ^{86}Nb deduced levels, J, π, ICC. ^{81}Br deduced neutrino capture rate. Mass-separated sources. JOUR ZAANE 25 s01 129
^{81}Rb	2004KA68	NUCLEAR REACTIONS ^{85}Rb(p, np), (p, 2np), (p, 3np), (p, 4np), E $\approx$ 17-100 MeV; measured excitation functions. Activation technique, comparison with model predictions. JOUR RAACA 92 449
	2005KA39	RADIOACTIVITY ^{81m}Kr(EC), (IT); ^{81}Y, ^{81}Sr, ^{85}Nb, ^{85}Zr, ^{86}Mo, ^{86}Nb(EC) [from Ni, ^{54}Fe(^{32}S, X)]; measured Eγ, Iγ, E(ce), I(ce), $T_{1/2}$. ^{81}Kr, ^{85}Zr, ^{85}Nb deduced isomeric transitions $T_{1/2}$, ICC. ^{85}Zr, ^{86}Nb deduced levels, J, π, ICC. ^{81}Br deduced neutrino capture rate. Astrophysical implications discussed. JOUR ZAANE 25 355
	2005KA46	RADIOACTIVITY ^{31}Cl(β^+p) [from S(p, X), E=40 MeV]; measured β-delayed Eγ, Ep. ^{58}Zn(β^+) [from Nb(p, X), E=1.4 GeV]; measured Eγ, Iγ, $\beta\gamma$-coin, $T_{1/2}$. ^{58}Cu deduced levels, β-feeding intensities. ^{81m}Kr(EC), (IT); ^{81}Y, ^{81}Sr, ^{85}Nb, ^{85}Zr, ^{86}Mo, ^{86}Nb(EC) [from Ni, ^{54}Fe(^{32}S, X)]; measured Eγ, Iγ, E(ce), I(ce), $T_{1/2}$. ^{81}Kr, ^{85}Zr, ^{85}Nb deduced isomeric transitions $T_{1/2}$, ICC. ^{85}Zr, ^{86}Nb deduced levels, J, π, ICC. ^{81}Br deduced neutrino capture rate. Mass-separated sources. JOUR ZAANE 25 s01 129
^{81}Sr	2005KA39	RADIOACTIVITY ^{81m}Kr(EC), (IT); ^{81}Y, ^{81}Sr, ^{85}Nb, ^{85}Zr, ^{86}Mo, ^{86}Nb(EC) [from Ni, ^{54}Fe(^{32}S, X)]; measured Eγ, Iγ, E(ce), I(ce), $T_{1/2}$. ^{81}Kr, ^{85}Zr, ^{85}Nb deduced isomeric transitions $T_{1/2}$, ICC. ^{85}Zr, ^{86}Nb deduced levels, J, π, ICC. ^{81}Br deduced neutrino capture rate. Astrophysical implications discussed. JOUR ZAANE 25 355
	2005KA39	NUCLEAR REACTIONS ^{54}Fe(^{32}S, X)^{81}Zr / ^{81}Y / ^{81}Sr / ^{81m}Kr, E=150-170 MeV; Ni(^{32}S, X)^{85}Nb / ^{85m}Nb / ^{85Zr} / ^{85m}Zr / ^{86}Mo / ^{86}Nb, E=150-170 MeV; measured yields. JOUR ZAANE 25 355

A=81 *(continued)*

	2005KA46	RADIOACTIVITY ^{31}Cl(β^+p) [from S(p, X), E=40 MeV]; measured β-delayed Eγ, Ep. ^{58}Zn(β^+) [from Nb(p, X), E=1.4 GeV]; measured Eγ, Iγ, $\beta\gamma$-coin, $T_{1/2}$. ^{58}Cu deduced levels, β-feeding intensities. ^{81m}Kr(EC), (IT); ^{81}Y, ^{81}Sr, ^{85}Nb, ^{85}Zr, ^{86}Mo, ^{86}Nb(EC) [from Ni, ^{54}Fe(^{32}S, X)]; measured Eγ, Iγ, E(ce), I(ce), $T_{1/2}$. ^{81}Kr, ^{85}Zr, ^{85}Nb deduced isomeric transitions $T_{1/2}$, ICC. ^{85}Zr, ^{86}Nb deduced levels, J, π, ICC. ^{81}Br deduced neutrino capture rate. Mass-separated sources. JOUR ZAANE 25 s01 129
	2005SI34	ATOMIC MASSES ^{76,77,80,81,86,88}Sr, ^{124,129,130,131,132}Sn; measured masses. Penning trap mass spectrometer, comparison with previous results. JOUR NUPAB 763 45
^{81}Y	2005KA39	RADIOACTIVITY ^{81m}Kr(EC), (IT); ^{81}Y, ^{81}Sr, ^{85}Nb, ^{85}Zr, ^{86}Mo, ^{86}Nb(EC) [from Ni, ^{54}Fe(^{32}S, X)]; measured Eγ, Iγ, E(ce), I(ce), $T_{1/2}$. ^{81}Kr, ^{85}Zr, ^{85}Nb deduced isomeric transitions $T_{1/2}$, ICC. ^{85}Zr, ^{86}Nb deduced levels, J, π, ICC. ^{81}Br deduced neutrino capture rate. Astrophysical implications discussed. JOUR ZAANE 25 355
	2005KA39	NUCLEAR REACTIONS ^{54}Fe(^{32}S, X)^{81}Zr / ^{81}Y / ^{81}Sr / ^{81m}Kr, E=150-170 MeV; Ni(^{32}S, X)^{85}Nb / ^{85m}Nb / ^{85Zr} / ^{85m}Zr / ^{86}Mo / ^{86}Nb, E=150-170 MeV; measured yields. JOUR ZAANE 25 355
	2005KA46	RADIOACTIVITY ^{31}Cl(β^+p) [from S(p, X), E=40 MeV]; measured β-delayed Eγ, Ep. ^{58}Zn(β^+) [from Nb(p, X), E=1.4 GeV]; measured Eγ, Iγ, $\beta\gamma$-coin, $T_{1/2}$. ^{58}Cu deduced levels, β-feeding intensities. ^{81m}Kr(EC), (IT); ^{81}Y, ^{81}Sr, ^{85}Nb, ^{85}Zr, ^{86}Mo, ^{86}Nb(EC) [from Ni, ^{54}Fe(^{32}S, X)]; measured Eγ, Iγ, E(ce), I(ce), $T_{1/2}$. ^{81}Kr, ^{85}Zr, ^{85}Nb deduced isomeric transitions $T_{1/2}$, ICC. ^{85}Zr, ^{86}Nb deduced levels, J, π, ICC. ^{81}Br deduced neutrino capture rate. Mass-separated sources. JOUR ZAANE 25 s01 129
^{81}Zr	2005KA39	NUCLEAR REACTIONS ^{54}Fe(^{32}S, X)^{81}Zr / ^{81}Y / ^{81}Sr / ^{81m}Kr, E=150-170 MeV; Ni(^{32}S, X)^{85}Nb / ^{85m}Nb / ^{85Zr} / ^{85m}Zr / ^{86}Mo / ^{86}Nb, E=150-170 MeV; measured yields. JOUR ZAANE 25 355

A=82

^{82}Ge	2005GA56	NUCLEAR REACTIONS ^{238}U(^{82}Se, X), E=505 MeV; ^{238}U(^{64}Ni, X), E=400 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (fragment)γ-coin, projectile-like fragments isotopic yields. ^{58}Cr, ^{80}As, ^{82}Ge, ^{84}Se deduced levels, J, π. Clara array, Prisma spectrometer. JOUR ZAANE 25 s01 421
	2005IW03	NUCLEAR REACTIONS Pb(^{76}Ge, ^{76}Ge'), (^{78}Ge, ^{78}Ge'), (^{80}Ge, ^{80}Ge'), (^{82}Ge, ^{82}Ge'), E $\approx$ 40 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{76,78,80,82}Ge deduced transitions B(E2). JOUR ZAANE 25 s01 415
^{82}Se	2005AR27	RADIOACTIVITY ^{82}Se, ^{100}Mo($2\beta^-$); measured $2\nu\beta\beta$-decay $T_{1/2}$, $0\nu\beta\beta$-decay $T_{1/2}$ lower limits; deduced neutrino mass limits. JOUR PRLTA 95 182302
^{82}Kr	2005AR27	RADIOACTIVITY ^{82}Se, ^{100}Mo($2\beta^-$); measured $2\nu\beta\beta$-decay $T_{1/2}$, $0\nu\beta\beta$-decay $T_{1/2}$ lower limits; deduced neutrino mass limits. JOUR PRLTA 95 182302

A=82 *(continued)*

	2005SC26	ATOMIC MASSES ^{78,80,82,83,84,86}Kr; measured masses. Penning trap mass spectrometer. JOUR ZAANE 25 s01 51
^{82}Rb	2004KA68	NUCLEAR REACTIONS ^{85}Rb(p, np), (p, 2np), (p, 3np), (p, 4np), E ≈ 17-100 MeV; measured excitation functions. Activation technique, comparison with model predictions. JOUR RAACA 92 449
	2005GU37	ATOMIC MASSES ^{56,57}Mn, ^{82m}Rb, ^{92}Sr, ^{124,127}Cs, ^{130}Ba; measured masses. Penning trap mass spectrometer. JOUR ZAANE 25 s01 35

A=83

^{83}Ga	2004VE14	RADIOACTIVITY ^{83}Ga, ^{81}Zn(β^-) [from U(d, X)]; measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin, $T_{1/2}$. ^{81}Ga, ^{83}As deduced levels. JOUR BJPHE 34 979
^{83}Ge	2004VE14	RADIOACTIVITY ^{83}Ga, ^{81}Zn(β^-) [from U(d, X)]; measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin, $T_{1/2}$. ^{81}Ga, ^{83}As deduced levels. JOUR BJPHE 34 979
	2005CI07	NUCLEAR REACTIONS ^{2}H(^{82}Ge, p), (^{84}Se, p), E=4 MeV / nucleon; measured Ep, $\sigma(\theta)$. ^{83}Ge, ^{85}Se deduced ground and excited states energies, J, π. JOUR NIMBE 241 200
	2005TH12	NUCLEAR REACTIONS ^{2}H(^{82}Ge, p), E=4 MeV / nucleon; ^{2}H(^{84}Se, p), E=4.5 MeV / nucleon; measured Ep, recoil particle spectrum, proton angular distribution. ^{83}Ge, ^{85}Se deduced levels J, π, spectroscopic factors. DWBA analysis. JOUR ZAANE 25 s01 371
^{83}As	2004VE14	RADIOACTIVITY ^{83}Ga, ^{81}Zn(β^-) [from U(d, X)]; measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin, $T_{1/2}$. ^{81}Ga, ^{83}As deduced levels. JOUR BJPHE 34 979
^{83}Kr	2005SC26	ATOMIC MASSES ^{78,80,82,83,84,86}Kr; measured masses. Penning trap mass spectrometer. JOUR ZAANE 25 s01 51
^{83}Rb	2004KA68	NUCLEAR REACTIONS ^{85}Rb(p, np), (p, 2np), (p, 3np), (p, 4np), E ≈ 17-100 MeV; measured excitation functions. Activation technique, comparison with model predictions. JOUR RAACA 92 449
^{83}Sr	2005DU23	NUCLEAR REACTIONS Ge(^{18}O, X)^{83m}Sr / ^{83}Y / ^{84m}Y / ^{88m}Y / ^{85}Zr / ^{87}Zr, E=82.8 GeV; ^{84}Se(^{18}O, X)^{86m}Y / ^{85}Zr / ^{87}Nb / ^{87m}Nb / ^{88}Nb / ^{88}Mo, E=82.7 MeV; ^{124}Sn(^{50}Ti, X)^{168m}Lu / ^{167}Hf / ^{168}Hf, E=223.7 MeV; ^{116}Sn(^{50}Ti, X)^{162}Tm / ^{161}Yb / ^{162}Yb / ^{163}Yb / ^{162}Lu / ^{162}Hf, E=224.4 MeV; measured delayed Eγ, Iγ following residual nucleus decay. Physical preseparation technique. JOUR NIMAE 551 528
^{83}Y	2005DU23	NUCLEAR REACTIONS Ge(^{18}O, X)^{83m}Sr / ^{83}Y / ^{84m}Y / ^{88m}Y / ^{85}Zr / ^{87}Zr, E=82.8 GeV; ^{84}Se(^{18}O, X)^{86m}Y / ^{85}Zr / ^{87}Nb / ^{87m}Nb / ^{88}Nb / ^{88}Mo, E=82.7 MeV; ^{124}Sn(^{50}Ti, X)^{168m}Lu / ^{167}Hf / ^{168}Hf, E=223.7 MeV; ^{116}Sn(^{50}Ti, X)^{162}Tm / ^{161}Yb / ^{162}Yb / ^{163}Yb / ^{162}Lu / ^{162}Hf, E=224.4 MeV; measured delayed Eγ, Iγ following residual nucleus decay. Physical preseparation technique. JOUR NIMAE 551 528

A=84

^{84}Se	2005GA56	NUCLEAR REACTIONS ^{238}U(^{82}Se, X), E=505 MeV; ^{238}U(^{64}Ni, X), E=400 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (fragment)γ-coin, projectile-like fragments isotopic yields. ^{58}Cr, ^{80}As, ^{82}Ge, ^{84}Se deduced levels, J, π. Clara array, Prisma spectrometer. JOUR ZAANE 25 s01 421
^{84}Kr	2005SC26	ATOMIC MASSES ^{78,80,82,83,84,86}Kr; measured masses. Penning trap mass spectrometer. JOUR ZAANE 25 s01 51
^{84}Rb	2004KA68	NUCLEAR REACTIONS ^{85}Rb(p, np), (p, 2np), (p, 3np), (p, 4np), E $\approx$ 17-100 MeV; measured excitation functions. Activation technique, comparison with model predictions. JOUR RAACA 92 449
^{84}Y	2005DU23	NUCLEAR REACTIONS Ge(^{18}O, X)^{83m}Sr / ^{83}Y / ^{84m}Y / ^{88m}Y / ^{85}Zr / ^{87}Zr, E=82.8 GeV; ^{84}Se(^{18}O, X)^{86m}Y / ^{85}Zr / ^{87}Nb / ^{87m}Nb / ^{88}Nb / ^{88}Mo, E=82.7 MeV; ^{124}Sn(^{50}Ti, X)^{168m}Lu / ^{167}Hf / ^{168}Hf, E=223.7 MeV; ^{116}Sn(^{50}Ti, X)^{162}Tm / ^{161}Yb / ^{162}Yb / ^{163}Yb / ^{162}Lu / ^{162}Hf, E=224.4 MeV; measured delayed Eγ, Iγ following residual nucleus decay. Physical preseparation technique. JOUR NIMAE 551 528
	2005IO02	NUCLEAR REACTIONS ^{84}Sr(p, n), E=13.5 MeV; measured Eγ, Iγ(θ, H, t). ^{84}Y deduced levels, J, π, configurations, g factors, isomeric states $T_{1/2}$. Time-differential perturbed angular distribution method. JOUR PRVCA 72 044313

A=85

^{85}Se	2005CI07	NUCLEAR REACTIONS ^{2}H(^{82}Ge, p), (^{84}Se, p), E=4 MeV / nucleon; measured Ep, $\sigma(\theta)$. ^{83}Ge, ^{85}Se deduced ground and excited states energies, J, π. JOUR NIMBE 241 200
	2005TH12	NUCLEAR REACTIONS ^{2}H(^{82}Ge, p), E=4 MeV / nucleon; ^{2}H(^{84}Se, p), E=4.5 MeV / nucleon; measured Ep, recoil particle spectrum, proton angular distribution. ^{83}Ge, ^{85}Se deduced levels J, π, spectroscopic factors. DWBA analysis. JOUR ZAANE 25 s01 371
^{85}Rb	2005KR15	NUCLEAR MOMENTS ^{85,87}Rb; measured excited-state hfs. Electromagnetically induced transparency. JOUR EULEE 72 221
^{85}Y	2005KA39	RADIOACTIVITY ^{81m}Kr(EC), (IT); ^{81}Y, ^{81}Sr, ^{85}Nb, ^{85}Zr, ^{86}Mo, ^{86}Nb(EC) [from Ni, ^{54}Fe(^{32}S, X)]; measured Eγ, Iγ, E(ce), I(ce), $T_{1/2}$. ^{81}Kr, ^{85}Zr, ^{85}Nb deduced isomeric transitions $T_{1/2}$, ICC. ^{85}Zr, ^{86}Nb deduced levels, J, π, ICC. ^{81}Br deduced neutrino capture rate. Astrophysical implications discussed. JOUR ZAANE 25 355
	2005KA46	RADIOACTIVITY ^{31}Cl(β^+p) [from S(p, X), E=40 MeV]; measured β-delayed Eγ, Ep. ^{58}Zn(β^+) [from Nb(p, X), E=1.4 GeV]; measured Eγ, Iγ, $\beta\gamma$-coin, $T_{1/2}$. ^{58}Cu deduced levels, β-feeding intensities. ^{81m}Kr(EC), (IT); ^{81}Y, ^{81}Sr, ^{85}Nb, ^{85}Zr, ^{86}Mo, ^{86}Nb(EC) [from Ni, ^{54}Fe(^{32}S, X)]; measured Eγ, Iγ, E(ce), I(ce), $T_{1/2}$. ^{81}Kr, ^{85}Zr, ^{85}Nb deduced isomeric transitions $T_{1/2}$, ICC. ^{85}Zr, ^{86}Nb deduced levels, J, π, ICC. ^{81}Br deduced neutrino capture rate. Mass-separated sources. JOUR ZAANE 25 s01 129

A=85 *(continued)*

^{85}Zr	2005DU23	NUCLEAR REACTIONS Ge(^{18}O, X)^{83m}Sr / ^{83}Y / ^{84m}Y / ^{88m}Y / ^{85}Zr / ^{87}Zr, E=82.8 GeV; ^{84}Se(^{18}O, X)^{86m}Y / ^{85}Zr / ^{87}Nb / ^{87m}Nb / ^{88}Nb / ^{88}Mo, E=82.7 MeV; ^{124}Sn(^{50}Ti, X)^{168m}Lu / ^{167}Hf / ^{168}Hf, E=223.7 MeV; ^{116}Sn(^{50}Ti, X)^{162}Tm / ^{161}Yb / ^{162}Yb / ^{163}Yb / ^{162}Lu / ^{162}Hf, E=224.4 MeV; measured delayed Eγ, Iγ following residual nucleus decay. Physical preseparation technique. JOUR NIMAE 551 528
	2005KA39	RADIOACTIVITY ^{81m}Kr(EC), (IT); ^{81}Y, ^{81}Sr, ^{85}Nb, ^{85}Zr, ^{86}Mo, ^{86}Nb(EC) [from Ni, ^{54}Fe(^{32}S, X)]; measured Eγ, Iγ, E(ce), I(ce), $T_{1/2}$. ^{81}Kr, ^{85}Zr, ^{85}Nb deduced isomeric transitions $T_{1/2}$, ICC. ^{85}Zr, ^{86}Nb deduced levels, J, π, ICC. ^{81}Br deduced neutrino capture rate. Astrophysical implications discussed. JOUR ZAANE 25 355
	2005KA46	RADIOACTIVITY ^{31}Cl(β^+p) [from S(p, X), E=40 MeV]; measured β-delayed Eγ, Ep. ^{58}Zn(β^+) [from Nb(p, X), E=1.4 GeV]; measured Eγ, Iγ, $\beta\gamma$-coin, $T_{1/2}$. ^{58}Cu deduced levels, β-feeding intensities. ^{81m}Kr(EC), (IT); ^{81}Y, ^{81}Sr, ^{85}Nb, ^{85}Zr, ^{86}Mo, ^{86}Nb(EC) [from Ni, ^{54}Fe(^{32}S, X)]; measured Eγ, Iγ, E(ce), I(ce), $T_{1/2}$. ^{81}Kr, ^{85}Zr, ^{85}Nb deduced isomeric transitions $T_{1/2}$, ICC. ^{85}Zr, ^{86}Nb deduced levels, J, π, ICC. ^{81}Br deduced neutrino capture rate. Mass-separated sources. JOUR ZAANE 25 s01 129
^{85}Nb	2005KA39	RADIOACTIVITY ^{81m}Kr(EC), (IT); ^{81}Y, ^{81}Sr, ^{85}Nb, ^{85}Zr, ^{86}Mo, ^{86}Nb(EC) [from Ni, ^{54}Fe(^{32}S, X)]; measured Eγ, Iγ, E(ce), I(ce), $T_{1/2}$. ^{81}Kr, ^{85}Zr, ^{85}Nb deduced isomeric transitions $T_{1/2}$, ICC. ^{85}Zr, ^{86}Nb deduced levels, J, π, ICC. ^{81}Br deduced neutrino capture rate. Astrophysical implications discussed. JOUR ZAANE 25 355
	2005KA39	NUCLEAR REACTIONS ^{54}Fe(^{32}S, X)^{81}Zr / ^{81}Y / ^{81}Sr / ^{81m}Kr, E=150-170 MeV; Ni(^{32}S, X)^{85}Nb / ^{85m}Nb / ^{85Zr} / ^{85m}Zr / ^{86}Mo / ^{86}Nb, E=150-170 MeV; measured yields. JOUR ZAANE 25 355
	2005KA46	RADIOACTIVITY ^{31}Cl(β^+p) [from S(p, X), E=40 MeV]; measured β-delayed Eγ, Ep. ^{58}Zn(β^+) [from Nb(p, X), E=1.4 GeV]; measured Eγ, Iγ, $\beta\gamma$-coin, $T_{1/2}$. ^{58}Cu deduced levels, β-feeding intensities. ^{81m}Kr(EC), (IT); ^{81}Y, ^{81}Sr, ^{85}Nb, ^{85}Zr, ^{86}Mo, ^{86}Nb(EC) [from Ni, ^{54}Fe(^{32}S, X)]; measured Eγ, Iγ, E(ce), I(ce), $T_{1/2}$. ^{81}Kr, ^{85}Zr, ^{85}Nb deduced isomeric transitions $T_{1/2}$, ICC. ^{85}Zr, ^{86}Nb deduced levels, J, π, ICC. ^{81}Br deduced neutrino capture rate. Mass-separated sources. JOUR ZAANE 25 s01 129

A=86

^{86}Kr	2005SC26	ATOMIC MASSES ^{78,80,82,83,84,86}Kr; measured masses. Penning trap mass spectrometer. JOUR ZAANE 25 s01 51
^{86}Sr	2005SI34	ATOMIC MASSES ^{76,77,80,81,86,88}Sr, ^{124,129,130,131,132}Sn; measured masses. Penning trap mass spectrometer, comparison with previous results. JOUR NUPAB 763 45

A=86 *(continued)*

^{86}Y	2005DU23	NUCLEAR REACTIONS Ge(^{18}O, X)^{83m}Sr / ^{83}Y / ^{84m}Y / ^{88m}Y / ^{85}Zr / ^{87}Zr, E=82.8 GeV; ^{84}Se(^{18}O, X)^{86m}Y / ^{85}Zr / ^{87}Nb / ^{87m}Nb / ^{88}Nb / ^{88}Mo, E=82.7 MeV; ^{124}Sn(^{50}Ti, X)^{168m}Lu / ^{167}Hf / ^{168}Hf, E=223.7 MeV; ^{116}Sn(^{50}Ti, X)^{162}Tm / ^{161}Yb / ^{162}Yb / ^{163}Yb / ^{162}Lu / ^{162}Hf, E=224.4 MeV; measured delayed Eγ, Iγ following residual nucleus decay. Physical preseparation technique. JOUR NIMAE 551 528
^{86}Zr	2005BI25	NUCLEAR MOMENTS ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99,100,101,102}Zr; measured charge radii. ^{176}Yb; measured isomer shift. Ion-beam cooler, laser spectroscopy. JOUR ZAANE 25 s01 187
	2005KA39	RADIOACTIVITY ^{81m}Kr(EC), (IT); ^{81}Y, ^{81}Sr, ^{85}Nb, ^{85}Zr, ^{86}Mo, ^{86}Nb(EC) [from Ni, ^{54}Fe(^{32}S, X)]; measured Eγ, Iγ, E(ce), I(ce), $T_{1/2}$. ^{81}Kr, ^{85}Zr, ^{85}Nb deduced isomeric transitions $T_{1/2}$, ICC. ^{85}Zr, ^{86}Nb deduced levels, J, π, ICC. ^{81}Br deduced neutrino capture rate. Astrophysical implications discussed. JOUR ZAANE 25 355
	2005KA46	RADIOACTIVITY ^{31}Cl(β^+p) [from S(p, X), E=40 MeV]; measured β-delayed Eγ, Ep. ^{58}Zn(β^+) [from Nb(p, X), E=1.4 GeV]; measured Eγ, Iγ, $\beta\gamma$-coin, $T_{1/2}$. ^{58}Cu deduced levels, β-feeding intensities. ^{81m}Kr(EC), (IT); ^{81}Y, ^{81}Sr, ^{85}Nb, ^{85}Zr, ^{86}Mo, ^{86}Nb(EC) [from Ni, ^{54}Fe(^{32}S, X)]; measured Eγ, Iγ, E(ce), I(ce), $T_{1/2}$. ^{81}Kr, ^{85}Zr, ^{85}Nb deduced isomeric transitions $T_{1/2}$, ICC. ^{85}Zr, ^{86}Nb deduced levels, J, π, ICC. ^{81}Br deduced neutrino capture rate. Mass-separated sources. JOUR ZAANE 25 s01 129
^{86}Nb	2005KA39	RADIOACTIVITY ^{81m}Kr(EC), (IT); ^{81}Y, ^{81}Sr, ^{85}Nb, ^{85}Zr, ^{86}Mo, ^{86}Nb(EC) [from Ni, ^{54}Fe(^{32}S, X)]; measured Eγ, Iγ, E(ce), I(ce), $T_{1/2}$. ^{81}Kr, ^{85}Zr, ^{85}Nb deduced isomeric transitions $T_{1/2}$, ICC. ^{85}Zr, ^{86}Nb deduced levels, J, π, ICC. ^{81}Br deduced neutrino capture rate. Astrophysical implications discussed. JOUR ZAANE 25 355
	2005KA46	RADIOACTIVITY ^{31}Cl(β^+p) [from S(p, X), E=40 MeV]; measured β-delayed Eγ, Ep. ^{58}Zn(β^+) [from Nb(p, X), E=1.4 GeV]; measured Eγ, Iγ, $\beta\gamma$-coin, $T_{1/2}$. ^{58}Cu deduced levels, β-feeding intensities. ^{81m}Kr(EC), (IT); ^{81}Y, ^{81}Sr, ^{85}Nb, ^{85}Zr, ^{86}Mo, ^{86}Nb(EC) [from Ni, ^{54}Fe(^{32}S, X)]; measured Eγ, Iγ, E(ce), I(ce), $T_{1/2}$. ^{81}Kr, ^{85}Zr, ^{85}Nb deduced isomeric transitions $T_{1/2}$, ICC. ^{85}Zr, ^{86}Nb deduced levels, J, π, ICC. ^{81}Br deduced neutrino capture rate. Mass-separated sources. JOUR ZAANE 25 s01 129
^{86}Mo	2005KA39	RADIOACTIVITY ^{81m}Kr(EC), (IT); ^{81}Y, ^{81}Sr, ^{85}Nb, ^{85}Zr, ^{86}Mo, ^{86}Nb(EC) [from Ni, ^{54}Fe(^{32}S, X)]; measured Eγ, Iγ, E(ce), I(ce), $T_{1/2}$. ^{81}Kr, ^{85}Zr, ^{85}Nb deduced isomeric transitions $T_{1/2}$, ICC. ^{85}Zr, ^{86}Nb deduced levels, J, π, ICC. ^{81}Br deduced neutrino capture rate. Astrophysical implications discussed. JOUR ZAANE 25 355
	2005KA46	RADIOACTIVITY ^{31}Cl(β^+p) [from S(p, X), E=40 MeV]; measured β-delayed Eγ, Ep. ^{58}Zn(β^+) [from Nb(p, X), E=1.4 GeV]; measured Eγ, Iγ, $\beta\gamma$-coin, $T_{1/2}$. ^{58}Cu deduced levels, β-feeding intensities. ^{81m}Kr(EC), (IT); ^{81}Y, ^{81}Sr, ^{85}Nb, ^{85}Zr, ^{86}Mo, ^{86}Nb(EC) [from Ni, ^{54}Fe(^{32}S, X)]; measured Eγ, Iγ, E(ce), I(ce), $T_{1/2}$. ^{81}Kr, ^{85}Zr, ^{85}Nb deduced isomeric transitions $T_{1/2}$, ICC. ^{85}Zr, ^{86}Nb deduced levels, J, π, ICC. ^{81}Br deduced neutrino capture rate. Mass-separated sources. JOUR ZAANE 25 s01 129

A=87

^{87}Rb	2005KR15	NUCLEAR MOMENTS ^{85,87}Rb; measured excited-state hfs. Electromagnetically induced transparency. JOUR EULEE 72 221
^{87}Zr	2005BI25	NUCLEAR MOMENTS ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99,100,101,102}Zr; measured charge radii. ^{176}Yb; measured isomer shift. Ion-beam cooler, laser spectroscopy. JOUR ZAANE 25 s01 187
	2005DU23	NUCLEAR REACTIONS Ge(^{18}O, X)^{83m}Sr / ^{83}Y / ^{84m}Y / ^{88m}Y / ^{85}Zr / ^{87}Zr, E=82.8 GeV; ^{84}Se(^{18}O, X)^{86m}Y / ^{85}Zr / ^{87}Nb / ^{87m}Nb / ^{88}Nb / ^{88}Mo, E=82.7 MeV; ^{124}Sn(^{50}Ti, X)^{168m}Lu / ^{167}Hf / ^{168}Hf, E=223.7 MeV; ^{116}Sn(^{50}Ti, X)^{162}Tm / ^{161}Yb / ^{162}Yb / ^{163}Yb / ^{162}Lu / ^{162}Hf, E=224.4 MeV; measured delayed Eγ, Iγ following residual nucleus decay. Physical preseparation technique. JOUR NIMAE 551 528
^{87}Nb	2005DU23	NUCLEAR REACTIONS Ge(^{18}O, X)^{83m}Sr / ^{83}Y / ^{84m}Y / ^{88m}Y / ^{85}Zr / ^{87}Zr, E=82.8 GeV; ^{84}Se(^{18}O, X)^{86m}Y / ^{85}Zr / ^{87}Nb / ^{87m}Nb / ^{88}Nb / ^{88}Mo, E=82.7 MeV; ^{124}Sn(^{50}Ti, X)^{168m}Lu / ^{167}Hf / ^{168}Hf, E=223.7 MeV; ^{116}Sn(^{50}Ti, X)^{162}Tm / ^{161}Yb / ^{162}Yb / ^{163}Yb / ^{162}Lu / ^{162}Hf, E=224.4 MeV; measured delayed Eγ, Iγ following residual nucleus decay. Physical preseparation technique. JOUR NIMAE 551 528

A=88

^{88}Sr	2005GA44	NUCLEAR REACTIONS ^{208}Pb(^{90}Zr, X)^{90}Zr / ^{92}Zr / ^{88}Sr, E=560 MeV; ^{238}U(^{64}Ni, X)^{58}Cr, E=400 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{58}Cr, ^{90,92}Zr, ^{88}Sr deduced transitions. Clara array, mass separator. JOUR JPGPE 31 S1443
	2005SI34	ATOMIC MASSES ^{76,77,80,81,86,88}Sr, ^{124,129,130,131,132}Sn; measured masses. Penning trap mass spectrometer, comparison with previous results. JOUR NUPAB 763 45
^{88}Y	2005DU23	NUCLEAR REACTIONS Ge(^{18}O, X)^{83m}Sr / ^{83}Y / ^{84m}Y / ^{88m}Y / ^{85}Zr / ^{87}Zr, E=82.8 GeV; ^{84}Se(^{18}O, X)^{86m}Y / ^{85}Zr / ^{87}Nb / ^{87m}Nb / ^{88}Nb / ^{88}Mo, E=82.7 MeV; ^{124}Sn(^{50}Ti, X)^{168m}Lu / ^{167}Hf / ^{168}Hf, E=223.7 MeV; ^{116}Sn(^{50}Ti, X)^{162}Tm / ^{161}Yb / ^{162}Yb / ^{163}Yb / ^{162}Lu / ^{162}Hf, E=224.4 MeV; measured delayed Eγ, Iγ following residual nucleus decay. Physical preseparation technique. JOUR NIMAE 551 528
^{88}Zr	2005BI25	NUCLEAR MOMENTS ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99,100,101,102}Zr; measured charge radii. ^{176}Yb; measured isomer shift. Ion-beam cooler, laser spectroscopy. JOUR ZAANE 25 s01 187
	2005WA31	NUCLEAR REACTIONS ^{92,98,100}Mo(γ, γ'), E=13.2 MeV bremsstrahlung; measured Eγ, Iγ. ^{92,100}Mo, ^{197}Au(γ, n), ^{92}Mo(γ, p), (γ, α), E $\approx$ 11.8-16.5 MeV bremsstrahlung; measured integrated σ. JOUR JPGPE 31 S1969

A=88 *(continued)*

^{88}Nb	2005DU23	NUCLEAR REACTIONS Ge(^{18}O, X)^{83m}Sr / ^{83}Y / ^{84m}Y / ^{88m}Y / ^{85}Zr / ^{87}Zr, E=82.8 GeV; ^{84}Se(^{18}O, X)^{86m}Y / ^{85}Zr / ^{87}Nb / ^{87m}Nb / ^{88}Nb / ^{88}Mo, E=82.7 MeV; ^{124}Sn(^{50}Ti, X)^{168m}Lu / ^{167}Hf / ^{168}Hf, E=223.7 MeV; ^{116}Sn(^{50}Ti, X)^{162}Tm / ^{161}Yb / ^{162}Yb / ^{163}Yb / ^{162}Lu / ^{162}Hf, E=224.4 MeV; measured delayed Eγ, Iγ following residual nucleus decay. Physical preseparation technique. JOUR NIMAE 551 528
^{88}Mo	2005DU23	NUCLEAR REACTIONS Ge(^{18}O, X)^{83m}Sr / ^{83}Y / ^{84m}Y / ^{88m}Y / ^{85}Zr / ^{87}Zr, E=82.8 GeV; ^{84}Se(^{18}O, X)^{86m}Y / ^{85}Zr / ^{87}Nb / ^{87m}Nb / ^{88}Nb / ^{88}Mo, E=82.7 MeV; ^{124}Sn(^{50}Ti, X)^{168m}Lu / ^{167}Hf / ^{168}Hf, E=223.7 MeV; ^{116}Sn(^{50}Ti, X)^{162}Tm / ^{161}Yb / ^{162}Yb / ^{163}Yb / ^{162}Lu / ^{162}Hf, E=224.4 MeV; measured delayed Eγ, Iγ following residual nucleus decay. Physical preseparation technique. JOUR NIMAE 551 528

A=89

^{89}Kr	2004GA60	NUCLEAR REACTIONS ^{237}Np(γ, F)^{135}Xe / ^{137}Xe / ^{138}Xe / ^{139}Xe / ^{140}Xe / ^{141}Xe / ^{142}Xe / ^{89}Kr / ^{91}Kr / ^{92}Kr / ^{93}Kr, E=25 MeV bremsstrahlung; measured fission yields, isotopic distribution parameters. Comparison with results from other targets. JOUR BRSPE 68 1298
	2005GA50	NUCLEAR REACTIONS ^{237}Np, ^{243}Am(γ, F)^{135}Xe / ^{137}Xe / ^{138}Xe / ^{139}Xe / ^{140}Xe / ^{141}Xe / ^{142}Xe / ^{89}Kr / ^{91}Kr / ^{92}Kr / ^{93}Kr, E=25 MeV bremsstrahlung; measured fission yields, isotopic distribution parameters. JOUR YAFIA 68 1475
^{89}Sr	2004SP06	NUCLEAR REACTIONS ^{64,67}Zn, ^{89}Y(n, p), E=14 MeV; measured σ. Comparison with results using fission neutrons. JOUR RAACA 92 183
^{89}Zr	2005BI25	NUCLEAR MOMENTS ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99,100,101,102}Zr; measured charge radii. ^{176}Yb; measured isomer shift. Ion-beam cooler, laser spectroscopy. JOUR ZAANE 25 s01 187

A=90

^{90}Zr	2005BI25	NUCLEAR MOMENTS ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99,100,101,102}Zr; measured charge radii. ^{176}Yb; measured isomer shift. Ion-beam cooler, laser spectroscopy. JOUR ZAANE 25 s01 187
	2005CO25	NUCLEAR REACTIONS ^{208}Pb(^{40}Ca, ^{42}Ca), E=225 MeV; measured σ(E, θ). ^{42}Ca deduced excited states configurations. ^{208}Pb(^{90}Zr, X), E=560 MeV; measured Eγ, Iγ, (fragment)γ-coin, isotopic yields for projectile-like fragments. ^{90}Zr deduced transitions. JOUR ZAANE 25 s01 427
	2005GA44	NUCLEAR REACTIONS ^{208}Pb(^{90}Zr, X)^{90}Zr / ^{92}Zr / ^{88}Sr, E=560 MeV; ^{238}U(^{64}Ni, X)^{58}Cr, E=400 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{58}Cr, ^{90,92}Zr, ^{88}Sr deduced transitions. Clara array, mass separator. JOUR JPGPE 31 S1443

A=90 *(continued)*

	2005VA31	NUCLEAR REACTIONS ^{48}Ti(^{132}Sn, ^{132}Sn'), E=470-495 MeV; ^{90}Zr(^{134}Sn, ^{134}Sn'), E=400 MeV; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{132,134}Sn deduced transitions B(E2). JOUR ZAANE 25 s01 391
^{90}Nb	2004ZH45	NUCLEAR REACTIONS ^{90,94}Zr(p, n), E=7-11 MeV; measured En, σ(E, θ), excitation functions. ^{90,94}Nb deduced level densities, shell effects. Optical-statistical analysis. JOUR BRSPE 68 1319
	2005CH65	NUCLEAR REACTIONS ^{63}Cu(^{31}P, n3p), E=120, 125 MeV; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{90}Nb deduced levels, J, π, configurations, isomeric states $T_{1/2}$, B(E2). Large-basis shell model calculations. JOUR PRVCA 72 054309
	2005CU07	NUCLEAR REACTIONS ^{76}Ge(^{19}F, 5n), E=80 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{90}Nb deduced high-spin levels, J, π, configurations. Semi-empirical shell model calculations. JOUR PRVCA 72 044322
^{90}Mo	2005CL08	ATOMIC MASSES ^{64}Ge, ^{68}Se; analyzed masses; deduced effective $T_{1/2}$. ^{90,91}Mo, ^{90,91,92,93}Tc, ^{93,94}Ru, ^{94,95}Rh, ^{104,105,106,107}In, ^{104,105,107,108}Sn, ^{107,108}Sb; measured masses. Penning trap, astrophysical implications discussed. JOUR ZAANE 25 s01 629
^{90}Tc	2005CL08	ATOMIC MASSES ^{64}Ge, ^{68}Se; analyzed masses; deduced effective $T_{1/2}$. ^{90,91}Mo, ^{90,91,92,93}Tc, ^{93,94}Ru, ^{94,95}Rh, ^{104,105,106,107}In, ^{104,105,107,108}Sn, ^{107,108}Sb; measured masses. Penning trap, astrophysical implications discussed. JOUR ZAANE 25 s01 629

A=91

^{91}Kr	2004GA60	NUCLEAR REACTIONS ^{237}Np(γ, F)^{135}Xe / ^{137}Xe / ^{138}Xe / ^{139}Xe / ^{140}Xe / ^{141}Xe / ^{142}Xe / ^{89}Kr / ^{91}Kr / ^{92}Kr / ^{93}Kr, E=25 MeV bremsstrahlung; measured fission yields, isotopic distribution parameters. Comparison with results from other targets. JOUR BRSPE 68 1298
	2005GA50	NUCLEAR REACTIONS ^{237}Np, ^{243}Am(γ, F)^{135}Xe / ^{137}Xe / ^{138}Xe / ^{139}Xe / ^{140}Xe / ^{141}Xe / ^{142}Xe / ^{89}Kr / ^{91}Kr / ^{92}Kr / ^{93}Kr, E=25 MeV bremsstrahlung; measured fission yields, isotopic distribution parameters. JOUR YAFIA 68 1475
^{91}Zr	2005BI25	NUCLEAR MOMENTS ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99,100,101,102}Zr; measured charge radii. ^{176}Yb; measured isomer shift. Ion-beam cooler, laser spectroscopy. JOUR ZAANE 25 s01 187
^{91}Nb	2005WA31	NUCLEAR REACTIONS ^{92,98,100}Mo(γ, γ'), E=13.2 MeV bremsstrahlung; measured Eγ, Iγ. ^{92,100}Mo, ^{197}Au(γ, n), ^{92}Mo(γ, p), (γ, α), E $\approx$ 11.8-16.5 MeV bremsstrahlung; measured integrated σ. JOUR JPGPE 31 S1969
^{91}Mo	2005CL08	ATOMIC MASSES ^{64}Ge, ^{68}Se; analyzed masses; deduced effective $T_{1/2}$. ^{90,91}Mo, ^{90,91,92,93}Tc, ^{93,94}Ru, ^{94,95}Rh, ^{104,105,106,107}In, ^{104,105,107,108}Sn, ^{107,108}Sb; measured masses. Penning trap, astrophysical implications discussed. JOUR ZAANE 25 s01 629

A=91 *(continued)*

^{91}Tc	2005CL08	ATOMIC MASSES ^{64}Ge, ^{68}Se; analyzed masses; deduced effective $T_{1/2}$. ^{90,91}Mo, ^{90,91,92,93}Tc, ^{93,94}Ru, ^{94,95}Rh, ^{104,105,106,107}In, ^{104,105,107,108}Sn, ^{107,108}Sb; measured masses. Penning trap, astrophysical implications discussed. JOUR ZAANE 25 s01 629

A=92

^{92}Kr	2004GA60	NUCLEAR REACTIONS ^{237}Np(γ, F)^{135}Xe / ^{137}Xe / ^{138}Xe / ^{139}Xe / ^{140}Xe / ^{141}Xe / ^{142}Xe / ^{89}Kr / ^{91}Kr / ^{92}Kr / ^{93}Kr, E=25 MeV bremsstrahlung; measured fission yields, isotopic distribution parameters. Comparison with results from other targets. JOUR BRSPE 68 1298
	2005GA50	NUCLEAR REACTIONS ^{237}Np, ^{243}Am(γ, F)^{135}Xe / ^{137}Xe / ^{138}Xe / ^{139}Xe / ^{140}Xe / ^{141}Xe / ^{142}Xe / ^{89}Kr / ^{91}Kr / ^{92}Kr / ^{93}Kr, E=25 MeV bremsstrahlung; measured fission yields, isotopic distribution parameters. JOUR YAFIA 68 1475
^{92}Sr	2005GU37	ATOMIC MASSES ^{56,57}Mn, ^{82m}Rb, ^{92}Sr, ^{124,127}Cs, ^{130}Ba; measured masses. Penning trap mass spectrometer. JOUR ZAANE 25 s01 35
^{92}Zr	2005BI25	NUCLEAR MOMENTS ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99,100,101,102}Zr; measured charge radii. ^{176}Yb; measured isomer shift. Ion-beam cooler, laser spectroscopy. JOUR ZAANE 25 s01 187
	2005GA44	NUCLEAR REACTIONS ^{208}Pb(^{90}Zr, X)^{90}Zr / ^{92}Zr / ^{88}Sr, E=560 MeV; ^{238}U(^{64}Ni, X)^{58}Cr, E=400 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{58}Cr, ^{90,92}Zr, ^{88}Sr deduced transitions. Clara array, mass separator. JOUR JPGPE 31 S1443
^{92}Mo	2005RUZZ	NUCLEAR REACTIONS ^{92,98,100}Mo(γ, γ'), E=14 MeV bremsstrahlung; measured Eγ, Iγ. ^{92,98,100}Mo deduced dipole strength functions, resonance features. PREPRINT nucl-ex/0512027,12/20/2005
	2005WA31	NUCLEAR REACTIONS ^{92,98,100}Mo(γ, γ'), E=13.2 MeV bremsstrahlung; measured Eγ, Iγ. ^{92,100}Mo, ^{197}Au(γ, n), ^{92}Mo(γ, p), (γ, α), E $\approx$ 11.8-16.5 MeV bremsstrahlung; measured integrated σ. JOUR JPGPE 31 S1969
^{92}Tc	2005CL08	ATOMIC MASSES ^{64}Ge, ^{68}Se; analyzed masses; deduced effective $T_{1/2}$. ^{90,91}Mo, ^{90,91,92,93}Tc, ^{93,94}Ru, ^{94,95}Rh, ^{104,105,106,107}In, ^{104,105,107,108}Sn, ^{107,108}Sb; measured masses. Penning trap, astrophysical implications discussed. JOUR ZAANE 25 s01 629

A=93

^{93}Kr	2004GA60	NUCLEAR REACTIONS ^{237}Np(γ, F)^{135}Xe / ^{137}Xe / ^{138}Xe / ^{139}Xe / ^{140}Xe / ^{141}Xe / ^{142}Xe / ^{89}Kr / ^{91}Kr / ^{92}Kr / ^{93}Kr, E=25 MeV bremsstrahlung; measured fission yields, isotopic distribution parameters. Comparison with results from other targets. JOUR BRSPE 68 1298

A=93 *(continued)*

	2005GA50	NUCLEAR REACTIONS ^{237}Np, ^{243}Am(γ, F)^{135}Xe / ^{137}Xe / ^{138}Xe / ^{139}Xe / ^{140}Xe / ^{141}Xe / ^{142}Xe / ^{89}Kr / ^{91}Kr / ^{92}Kr / ^{93}Kr, E=25 MeV bremsstrahlung; measured fission yields, isotopic distribution parameters. JOUR YAFIA 68 1475
^{93}Zr	2005BI25	NUCLEAR MOMENTS ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99,100,101,102}Zr; measured charge radii. ^{176}Yb; measured isomer shift. Ion-beam cooler, laser spectroscopy. JOUR ZAANE 25 s01 187
^{93}Nb	2005MC13	NUCLEAR REACTIONS ^{93}Nb(n, n'), E=1.5-2.6 MeV; ^{94}Zr(p, 2n), E=11.5-19 MeV; measured Eγ, Iγ, DSA, branching ratios, excitation functions. ^{93}Nb deduced levels J, π, $T_{1/2}$, mixed-symmetry states. JOUR ZAANE 25 s01 377
^{93}Tc	2005CL08	ATOMIC MASSES ^{64}Ge, ^{68}Se; analyzed masses; deduced effective $T_{1/2}$. ^{90,91}Mo, ^{90,91,92,93}Tc, ^{93,94}Ru, ^{94,95}Rh, ^{104,105,106,107}In, ^{104,105,107,108}Sn, ^{107,108}Sb; measured masses. Penning trap, astrophysical implications discussed. JOUR ZAANE 25 s01 629
	2005NA43	RADIOACTIVITY ^{93m}Tc(IT) [from ^{45}Sc(^{52}Cr, 2n2p)]; measured γ-ray anisotropies from oriented source; deduced parity-nonconserving matrix element. JOUR ZAANE 25 s01 703
^{93}Ru	2005CL08	ATOMIC MASSES ^{64}Ge, ^{68}Se; analyzed masses; deduced effective $T_{1/2}$. ^{90,91}Mo, ^{90,91,92,93}Tc, ^{93,94}Ru, ^{94,95}Rh, ^{104,105,106,107}In, ^{104,105,107,108}Sn, ^{107,108}Sb; measured masses. Penning trap, astrophysical implications discussed. JOUR ZAANE 25 s01 629

A=94

^{94}Zr	2005BI25	NUCLEAR MOMENTS ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99,100,101,102}Zr; measured charge radii. ^{176}Yb; measured isomer shift. Ion-beam cooler, laser spectroscopy. JOUR ZAANE 25 s01 187
^{94}Nb	2004ZH45	NUCLEAR REACTIONS ^{90,94}Zr(p, n), E=7-11 MeV; measured En, σ(E, θ), excitation functions. ^{90,94}Nb deduced level densities, shell effects. Optical-statistical analysis. JOUR BRSPE 68 1319
^{94}Ru	2005CL08	ATOMIC MASSES ^{64}Ge, ^{68}Se; analyzed masses; deduced effective $T_{1/2}$. ^{90,91}Mo, ^{90,91,92,93}Tc, ^{93,94}Ru, ^{94,95}Rh, ^{104,105,106,107}In, ^{104,105,107,108}Sn, ^{107,108}Sb; measured masses. Penning trap, astrophysical implications discussed. JOUR ZAANE 25 s01 629
^{94}Rh	2005CL08	ATOMIC MASSES ^{64}Ge, ^{68}Se; analyzed masses; deduced effective $T_{1/2}$. ^{90,91}Mo, ^{90,91,92,93}Tc, ^{93,94}Ru, ^{94,95}Rh, ^{104,105,106,107}In, ^{104,105,107,108}Sn, ^{107,108}Sb; measured masses. Penning trap, astrophysical implications discussed. JOUR ZAANE 25 s01 629

A=95

^{95}Sr	2005HW06	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{95,97}Sr, ^{99}Zr, ^{108}Tc, ^{133,134}Te, ^{137}Xe levels deduced $T_{1/2}$. Gammasphere array, time-gated triple-coincidence method. JOUR ZAANE 25 s01 463

A=95 *(continued)*

^{95}Zr	2005BI25	NUCLEAR MOMENTS ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99,100,101,102}Zr; measured charge radii. ^{176}Yb; measured isomer shift. Ion-beam cooler, laser spectroscopy. JOUR ZAANE 25 s01 187
^{95}Nb	2005RA30	NUCLEAR REACTIONS ^{93}Nb(t, p), E=12 MeV; measured Ep, σ(E, θ). ^{95}Nb deduced levels, J, π. Comparison with previous results and model predictions. JOUR PRVCA 72 054303
^{95}Rh	2005CL08	ATOMIC MASSES ^{64}Ge, ^{68}Se; analyzed masses; deduced effective $T_{1/2}$. ^{90,91}Mo, ^{90,91,92,93}Tc, ^{93,94}Ru, ^{94,95}Rh, ^{104,105,106,107}In, ^{104,105,107,108}Sn, ^{107,108}Sb; measured masses. Penning trap, astrophysical implications discussed. JOUR ZAANE 25 s01 629

A=96

^{96}Zr	2005BI25	NUCLEAR MOMENTS ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99,100,101,102}Zr; measured charge radii. ^{176}Yb; measured isomer shift. Ion-beam cooler, laser spectroscopy. JOUR ZAANE 25 s01 187
	2005SM08	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ(θ, H, t), $\gamma\gamma$-coin. ^{96,100,102}Zr, ^{102,104,106,108}Mo, ^{106,108,110,112}Ru, ^{110,114,116}Pd levels deduced g factors, B(E2). Gammasphere array, time-integral perturbed angular correlation technique. Comparison with interacting boson model predictions. JOUR JPGPE 31 S1433

A=97

^{97}Sr	2005HW06	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{95,97}Sr, ^{99}Zr, ^{108}Tc, ^{133,134}Te, ^{137}Xe levels deduced $T_{1/2}$. Gammasphere array, time-gated triple-coincidence method. JOUR ZAANE 25 s01 463
^{97}Zr	2005BI25	NUCLEAR MOMENTS ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99,100,101,102}Zr; measured charge radii. ^{176}Yb; measured isomer shift. Ion-beam cooler, laser spectroscopy. JOUR ZAANE 25 s01 187
^{97}Rh	2005TO15	NUCLEAR REACTIONS ^{93}Nb(^{12}C, X)^{97}Rh / ^{99}Rh, E=55.7-77.5 MeV; ^{89}Y(^{16}O, X)^{99}Rh, E=68-81 MeV; measured isomeric σ ratios following complete and incomplete fusion; deduced angular momentum transfer. Recoil catcher technique. JOUR PRAMC 64 1

A=98

^{98}Sr	2005FO17	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{98}Sr, ^{102,104}Zr, ^{137}Xe, ^{143}Ba, ^{152}Ce levels deduced $T_{1/2}$. Gammasphere array, time-gated triple-coincidence method. JOUR ZAANE 25 s01 465
^{98}Zr	2005BI25	NUCLEAR MOMENTS ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99,100,101,102}Zr; measured charge radii. ^{176}Yb; measured isomer shift. Ion-beam cooler, laser spectroscopy. JOUR ZAANE 25 s01 187
	2005JO22	ATOMIC MASSES ^{98,99,100,101,102,103,104,105}Zr; measured masses. Penning trap mass spectrometer. JOUR ZAANE 25 s01 27

A=98 *(continued)*

^{98}Mo	2005RUZZ	NUCLEAR REACTIONS ^{92,98,100}Mo(γ, γ'), E=14 MeV bremsstrahlung; measured Eγ, Iγ. ^{92,98,100}Mo deduced dipole strength functions, resonance features. PREPRINT nucl-ex/0512027,12/20/2005
	2005WA31	NUCLEAR REACTIONS ^{92,98,100}Mo(γ, γ'), E=13.2 MeV bremsstrahlung; measured Eγ, Iγ. ^{92,100}Mo, ^{197}Au(γ, n), ^{92}Mo(γ, p), (γ, α), E $\approx$ 11.8-16.5 MeV bremsstrahlung; measured integrated σ. JOUR JPGPE 31 S1969

A=99

^{99}Y	2005LH01	RADIOACTIVITY ^{99}Y(β^-); measured β-delayed Eγ, Iγ, $\gamma\gamma$-coin; deduced logft. ^{99}Zr deduced levels, J, π, configurations. Interacting boson-fermion model calculations. JOUR PRVCA 72 034308
	2005LU21	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{99,101}Y, ^{101,105}Nb deduced levels, J, π, configurations, rotational bands, shape transition features. Gammasphere array, triaxial-rotor-plus-quasiparticle calculations. JOUR JPGPE 31 1303
	2005LU24	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{99,101}Y, ^{101,105}Nb deduced levels, J, π, configurations, deformation. Gammasphere array, triaxial-rotor-plus-particle calculations. JOUR ZAANE 25 s01 469
^{99}Zr	2005BI25	NUCLEAR MOMENTS ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99,100,101,102}Zr; measured charge radii. ^{176}Yb; measured isomer shift. Ion-beam cooler, laser spectroscopy. JOUR ZAANE 25 s01 187
	2005HW06	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{95,97}Sr, ^{99}Zr, ^{108}Tc, ^{133,134}Te, ^{137}Xe levels deduced $T_{1/2}$. Gammasphere array, time-gated triple-coincidence method. JOUR ZAANE 25 s01 463
	2005JO22	ATOMIC MASSES ^{98,99,100,101,102,103,104,105}Zr; measured masses. Penning trap mass spectrometer. JOUR ZAANE 25 s01 27
	2005LH01	RADIOACTIVITY ^{99}Y(β^-); measured β-delayed Eγ, Iγ, $\gamma\gamma$-coin; deduced logft. ^{99}Zr deduced levels, J, π, configurations. Interacting boson-fermion model calculations. JOUR PRVCA 72 034308
^{99}Ru	2004RO47	NUCLEAR REACTIONS ^{99,101}Ru(d, d'), E=13 MeV; measured σ(E, θ). ^{99,101}Ru levels deduced deformation lengths, Coulomb-nuclear interference parameters. DWBA-deformed optical model analysis. JOUR BJPHE 34 760
^{99}Rh	2005TO15	NUCLEAR REACTIONS ^{93}Nb(^{12}C, X)^{97}Rh / ^{99}Rh, E=55.7-77.5 MeV; ^{89}Y(^{16}O, X)^{99}Rh, E=68-81 MeV; measured isomeric σ ratios following complete and incomplete fusion; deduced angular momentum transfer. Recoil catcher technique. JOUR PRAMC 64 1

A=100

^{100}Zr	2005BI25	NUCLEAR MOMENTS ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99,100,101,102}Zr; measured charge radii. ^{176}Yb; measured isomer shift. Ion-beam cooler, laser spectroscopy. JOUR ZAANE 25 s01 187

A=100 *(continued)*

	2005JO22	ATOMIC MASSES ^{98,99,100,101,102,103,104,105}Zr; measured masses. Penning trap mass spectrometer. JOUR ZAANE 25 s01 27
	2005SM08	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ(θ, H, t), $\gamma\gamma$-coin. ^{96,100,102}Zr, ^{102,104,106,108}Mo, ^{106,108,110,112}Ru, ^{110,114,116}Pd levels deduced g factors, B(E2). Gammasphere array, time-integral perturbed angular correlation technique. Comparison with interacting boson model predictions. JOUR JPGPE 31 S1433
^{100}Mo	2005AR27	RADIOACTIVITY ^{82}Se, ^{100}Mo($2\beta^-$); measured $2\nu\beta\beta$-decay $T_{1/2}$, $0\nu\beta\beta$-decay $T_{1/2}$ lower limits; deduced neutrino mass limits. JOUR PRLTA 95 182302
	2005HOZW	RADIOACTIVITY ^{100}Mo($2\beta^-$); measured Eγ, Iγ, $\gamma\gamma$-coin, $T_{1/2}$ for decay to excited states. ^{100}Ru levels deduced feeding intensities. PREPRINT nucl-ex/0512030,12/20/2005
	2005RUZZ	NUCLEAR REACTIONS ^{92,98,100}Mo(γ, γ'), E=14 MeV bremsstrahlung; measured Eγ, Iγ. ^{92,98,100}Mo deduced dipole strength functions, resonance features. PREPRINT nucl-ex/0512027,12/20/2005
	2005WA31	NUCLEAR REACTIONS ^{92,98,100}Mo(γ, γ'), E=13.2 MeV bremsstrahlung; measured Eγ, Iγ. ^{92,100}Mo, ^{197}Au(γ, n), ^{92}Mo(γ, p), (γ, α), E $\approx$ 11.8-16.5 MeV bremsstrahlung; measured integrated σ. JOUR JPGPE 31 S1969
^{100}Ru	2005AR27	RADIOACTIVITY ^{82}Se, ^{100}Mo($2\beta^-$); measured $2\nu\beta\beta$-decay $T_{1/2}$, $0\nu\beta\beta$-decay $T_{1/2}$ lower limits; deduced neutrino mass limits. JOUR PRLTA 95 182302
	2005HOZW	RADIOACTIVITY ^{100}Mo($2\beta^-$); measured Eγ, Iγ, $\gamma\gamma$-coin, $T_{1/2}$ for decay to excited states. ^{100}Ru levels deduced feeding intensities. PREPRINT nucl-ex/0512030,12/20/2005
^{100}In	2005KA47	RADIOACTIVITY ^{102}Sn(β^+) [from ^{58}Ni(^{50}Cr, X)]; measured Eγ, Iγ, $\gamma\gamma$-coin, Eβ, B(GT). ^{102}In levels deduced β-feeding intensities, log ft, hindrance factor. ^{100}Sn(β^+); analyzed data; deduced B(GT), hindrance factor. JOUR ZAANE 25 s01 135
^{100}Sn	2005KA47	RADIOACTIVITY ^{102}Sn(β^+) [from ^{58}Ni(^{50}Cr, X)]; measured Eγ, Iγ, $\gamma\gamma$-coin, Eβ, B(GT). ^{102}In levels deduced β-feeding intensities, log ft, hindrance factor. ^{100}Sn(β^+); analyzed data; deduced B(GT), hindrance factor. JOUR ZAANE 25 s01 135
	2005KA47	NUCLEAR REACTIONS ^{58}Ni(^{50}Cr, X)^{101}Sn / ^{102}Sn / ^{103}Sn / ^{104}Sn / ^{105}Sn, E $\approx$ 5 MeV / nucleon; measured production σ. ^{58}Ni(^{50}Cr, X)^{100}Sn, E=5.8 MeV / nucleon; deduced approximate production σ. JOUR ZAANE 25 s01 135

A=101

^{101}Y	2005LU21	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{99,101}Y, ^{101,105}Nb deduced levels, J, π, configurations, rotational bands, shape transition features. Gammasphere array, triaxial-rotor-plus-quasiparticle calculations. JOUR JPGPE 31 1303

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

	2005LU24	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, γγ-coin. ^{99,101}Y, ^{101,105}Nb deduced levels, J, π, configurations, deformation. Gammasphere array, triaxial-rotor-plus-particle calculations. JOUR ZAANE 25 s01 469
^{101}Zr	2005BI25	NUCLEAR MOMENTS ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99,100,101,102}Zr; measured charge radii. ^{176}Yb; measured isomer shift. Ion-beam cooler, laser spectroscopy. JOUR ZAANE 25 s01 187
	2005JO22	ATOMIC MASSES ^{98,99,100,101,102,103,104,105}Zr; measured masses. Penning trap mass spectrometer. JOUR ZAANE 25 s01 27
^{101}Nb	2005LU21	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, γγ-coin. ^{99,101}Y, ^{101,105}Nb deduced levels, J, π, configurations, rotational bands, shape transition features. Gammasphere array, triaxial-rotor-plus-quasiparticle calculations. JOUR JPGPE 31 1303
	2005LU24	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, γγ-coin. ^{99,101}Y, ^{101,105}Nb deduced levels, J, π, configurations, deformation. Gammasphere array, triaxial-rotor-plus-particle calculations. JOUR ZAANE 25 s01 469
^{101}Ru	2004RO47	NUCLEAR REACTIONS ^{99,101}Ru(d, d'), E=13 MeV; measured σ(E, θ). ^{99,101}Ru levels deduced deformation lengths, Coulomb-nuclear interference parameters. DWBA-deformed optical model analysis. JOUR BJPHE 34 760
^{101}Sn	2005KA47	NUCLEAR REACTIONS ^{58}Ni(^{50}Cr, X)^{101}Sn / ^{102}Sn / ^{103}Sn / ^{104}Sn / ^{105}Sn, E ≈ 5 MeV / nucleon; measured production σ. ^{58}Ni(^{50}Cr, X)^{100}Sn, E=5.8 MeV / nucleon; deduced approximate production σ. JOUR ZAANE 25 s01 135

A=102

^{102}Zr	2005BI25	NUCLEAR MOMENTS ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99,100,101,102}Zr; measured charge radii. ^{176}Yb; measured isomer shift. Ion-beam cooler, laser spectroscopy. JOUR ZAANE 25 s01 187
	2005FO17	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, γγ-coin. ^{98}Sr, ^{102,104}Zr, ^{137}Xe, ^{143}Ba, ^{152}Ce levels deduced $T_{1/2}$. Gammasphere array, time-gated triple-coincidence method. JOUR ZAANE 25 s01 465
	2005JO22	ATOMIC MASSES ^{98,99,100,101,102,103,104,105}Zr; measured masses. Penning trap mass spectrometer. JOUR ZAANE 25 s01 27
	2005SM08	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ(θ, H, t), γγ-coin. ^{96,100,102}Zr, ^{102,104,106,108}Mo, ^{106,108,110,112}Ru, ^{110,114,116}Pd levels deduced g factors, B(E2). Gammasphere array, time-integral perturbed angular correlation technique. Comparison with interacting boson model predictions. JOUR JPGPE 31 S1433
^{102}Mo	2005SM08	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ(θ, H, t), γγ-coin. ^{96,100,102}Zr, ^{102,104,106,108}Mo, ^{106,108,110,112}Ru, ^{110,114,116}Pd levels deduced g factors, B(E2). Gammasphere array, time-integral perturbed angular correlation technique. Comparison with interacting boson model predictions. JOUR JPGPE 31 S1433

A=102 *(continued)*

^{102}In	2005KA47	RADIOACTIVITY ^{102}Sn(β^+) [from ^{58}Ni(^{50}Cr, X)]; measured Eγ, Iγ, $\gamma\gamma$-coin, Eβ, B(GT). ^{102}In levels deduced β-feeding intensities, log ft, hindrance factor. ^{100}Sn(β^+); analyzed data; deduced B(GT), hindrance factor. JOUR ZAANE 25 s01 135
^{102}Sn	2005HA57	RADIOACTIVITY ^{106}Te(α) [from ^{54}Fe(^{54}Fe, 2n)]; measured Eα, $T_{1/2}$. JOUR PRVCA 72 041303
	2005KA47	RADIOACTIVITY ^{102}Sn(β^+) [from ^{58}Ni(^{50}Cr, X)]; measured Eγ, Iγ, $\gamma\gamma$-coin, Eβ, B(GT). ^{102}In levels deduced β-feeding intensities, log ft, hindrance factor. ^{100}Sn(β^+); analyzed data; deduced B(GT), hindrance factor. JOUR ZAANE 25 s01 135
	2005KA47	NUCLEAR REACTIONS ^{58}Ni(^{50}Cr, X)^{101}Sn / ^{102}Sn / ^{103}Sn / ^{104}Sn / ^{105}Sn, E ≈ 5 MeV / nucleon; measured production σ. ^{58}Ni(^{50}Cr, X)^{100}Sn, E=5.8 MeV / nucleon; deduced approximate production σ. JOUR ZAANE 25 s01 135

A=103

^{103}Zr	2005JO22	ATOMIC MASSES ^{98,99,100,101,102,103,104,105}Zr; measured masses. Penning trap mass spectrometer. JOUR ZAANE 25 s01 27
^{103}Rh	2004AG09	NUCLEAR REACTIONS ^{103}Rh(n, n')^{103m}Rh, E ≈ 4.8 MeV; ^{115}In(n, n')^{115m}In, E ≈ 5 MeV; ^{232}Th, ^{238}U(n, F), E ≈ 5 MeV; ^{24}Mg, ^{27}Al, ^{46,47,48}Ti, ^{54,56}Fe, ^{58}Ni, ^{64}Zn(n, p), E ≈ 2-8 MeV; ^{27}Al, ^{59}Co(n, α), E ≈ 8.3 MeV; measured activation σ. Spectrum average technique, comparison with previous results. JOUR RAACA 92 63
	2005CH62	NUCLEAR REACTIONS ^{103}Rh(γ, γ'), E ≈ 40 keV; measured Eγ, X-ray spectra; deduced ICC. Isomer production via bremsstrahlung spectra. JOUR CPLEE 22 2530
^{103}Ag	2004HE35	NUCLEAR REACTIONS Pd(p, xn)^{103}Ag, E ≈ 15-37 MeV; Pd(d, xn)^{103}Ag, E ≈ 5-20 MeV; measured excitation functions. Stacked-foil activation technique. JOUR RAACA 92 215
^{103}In	2005KA48	RADIOACTIVITY ^{103}Sn(β^+), (EC) [from ^{58}Ni(^{50}Cr, X), E=5 MeV / nucleon]; measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin, Eβ, B(GT), $T_{1/2}$. ^{103}In deduced levels, J, π, hindrance factor. ^{105}Sn(β^+), (EC) [from ^{58}Ni(^{50}Cr, X), E=5 MeV / nucleon]; analyzed data; deduced B(GT), hindrance factor. JOUR ZAANE 25 s01 139
^{103}Sn	2005KA47	NUCLEAR REACTIONS ^{58}Ni(^{50}Cr, X)^{101}Sn / ^{102}Sn / ^{103}Sn / ^{104}Sn / ^{105}Sn, E ≈ 5 MeV / nucleon; measured production σ. ^{58}Ni(^{50}Cr, X)^{100}Sn, E=5.8 MeV / nucleon; deduced approximate production σ. JOUR ZAANE 25 s01 135
	2005KA48	RADIOACTIVITY ^{103}Sn(β^+), (EC) [from ^{58}Ni(^{50}Cr, X), E=5 MeV / nucleon]; measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin, Eβ, B(GT), $T_{1/2}$. ^{103}In deduced levels, J, π, hindrance factor. ^{105}Sn(β^+), (EC) [from ^{58}Ni(^{50}Cr, X), E=5 MeV / nucleon]; analyzed data; deduced B(GT), hindrance factor. JOUR ZAANE 25 s01 139

A=104

^{104}Zr	2005FO17	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{98}Sr, ^{102,104}Zr, ^{137}Xe, ^{143}Ba, ^{152}Ce levels deduced $T_{1/2}$. Gammasphere array, time-gated triple-coincidence method. JOUR ZAANE 25 s01 465
	2005JO22	ATOMIC MASSES ^{98,99,100,101,102,103,104,105}Zr; measured masses. Penning trap mass spectrometer. JOUR ZAANE 25 s01 27
^{104}Mo	2005SM08	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ(θ, H, t), $\gamma\gamma$-coin. ^{96,100,102}Zr, ^{102,104,106,108}Mo, ^{106,108,110,112}Ru, ^{110,114,116}Pd levels deduced g factors, B(E2). Gammasphere array, time-integral perturbed angular correlation technique. Comparison with interacting boson model predictions. JOUR JPGPE 31 S1433
^{104}Rh	2005WI23	NUCLEAR REACTIONS ^{100}Mo(^{11}B, xnypzα)^{104}Rh / ^{105}Rh / ^{107}Pd / ^{108}Pd, E=43 MeV; ^{51}V(^{16}O, xnypzα)^{60}Ni / ^{61}Ni / ^{61}Cu / ^{62}Cu, E=70 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-coin; deduced γ-ray yield ratios. Application to exit channel determination discussed. JOUR BJPHE 35 898
^{104}Pd	2004RO48	NUCLEAR REACTIONS ^{104,106,108,110}Pd(d, d'), E=13 MeV; measured σ(E, θ). ^{104,106,108,110}Pd levels deduced B(E2), deformation lengths, Coulomb-nuclear interference parameters. DWBA-deformed optical model analysis. JOUR BJPHE 34 777
	2005BEZS	NUCLEAR REACTIONS ^{108}Pd(^{122}Cd, ^{122}Cd'), ^{104}Pd(^{124}Cd, ^{124}Cd'), (^{126}Cd, ^{126}Cd'), E not given; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{122,124}Cd levels deduced excitation B(E2). REPT MLL 2004 Annual,P14,Behrens
^{104}In	2005CL08	ATOMIC MASSES ^{64}Ge, ^{68}Se; analyzed masses; deduced effective $T_{1/2}$. ^{90,91}Mo, ^{90,91,92,93}Tc, ^{93,94}Ru, ^{94,95}Rh, ^{104,105,106,107}In, ^{104,105,107,108}Sn, ^{107,108}Sb; measured masses. Penning trap, astrophysical implications discussed. JOUR ZAANE 25 s01 629
^{104}Sn	2005CL08	ATOMIC MASSES ^{64}Ge, ^{68}Se; analyzed masses; deduced effective $T_{1/2}$. ^{90,91}Mo, ^{90,91,92,93}Tc, ^{93,94}Ru, ^{94,95}Rh, ^{104,105,106,107}In, ^{104,105,107,108}Sn, ^{107,108}Sb; measured masses. Penning trap, astrophysical implications discussed. JOUR ZAANE 25 s01 629
	2005KA47	NUCLEAR REACTIONS ^{58}Ni(^{50}Cr, X)^{101}Sn / ^{102}Sn / ^{103}Sn / ^{104}Sn / ^{105}Sn, E $\approx$ 5 MeV / nucleon; measured production σ. ^{58}Ni(^{50}Cr, X)^{100}Sn, E=5.8 MeV / nucleon; deduced approximate production σ. JOUR ZAANE 25 s01 135
	2005LI47	RADIOACTIVITY ^{105}Sb(p) [from ^{50}Cr(^{58}Ni, 2np)]; measured Ep; deduced upper limit for proton decay branching ratio. JOUR PRVCA 72 047301

A=105

^{105}Zr	2005JO22	ATOMIC MASSES ^{98,99,100,101,102,103,104,105}Zr; measured masses. Penning trap mass spectrometer. JOUR ZAANE 25 s01 27
^{105}Nb	2005LU21	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{99,101}Y, ^{101,105}Nb deduced levels, J, π, configurations, rotational bands, shape transition features. Gammasphere array, triaxial-rotor-plus-quasiparticle calculations. JOUR JPGPE 31 1303

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

	2005LU24	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{99,101}Y, ^{101,105}Nb deduced levels, J, π, configurations, deformation. Gammasphere array, triaxial-rotor-plus-particle calculations. JOUR ZAANE 25 s01 469
^{105}Rh	2004AL43	NUCLEAR REACTIONS ^{100}Mo(^{11}B, 2nα), E=43 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-coin. ^{105}Rh deduced levels, J, π, possible chiral bands. Tilted axis cranking model calculations. JOUR BJPHE 34 999
	2005WI23	NUCLEAR REACTIONS ^{100}Mo(^{11}B, xnypzα)^{104}Rh / ^{105}Rh / ^{107}Pd / ^{108}Pd, E=43 MeV; ^{51}V(^{16}O, xnypzα)^{60}Ni / ^{61}Ni / ^{61}Cu / ^{62}Cu, E=70 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-coin; deduced γ-ray yield ratios. Application to exit channel determination discussed. JOUR BJPHE 35 898
^{105}Ag	2005HA56	NUCLEAR REACTIONS ^{104}Pd(p, γ), E(cm)=2-8 MeV; ^{118}Sn(α, γ), E(cm)=10-11 MeV; measured Eγ, Iγ, σ. Comparison with model predictions. JOUR JPGPE 31 S1417
^{105}In	2005CL08	ATOMIC MASSES ^{64}Ge, ^{68}Se; analyzed masses; deduced effective $T_{1/2}$. ^{90,91}Mo, ^{90,91,92,93}Tc, ^{93,94}Ru, ^{94,95}Rh, ^{104,105,106,107}In, ^{104,105,107,108}Sn, ^{107,108}Sb; measured masses. Penning trap, astrophysical implications discussed. JOUR ZAANE 25 s01 629
	2005KA48	RADIOACTIVITY ^{103}Sn(β^+), (EC) [from ^{58}Ni(^{50}Cr, X), E=5 MeV / nucleon]; measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin, Eβ, B(GT), $T_{1/2}$. ^{103}In deduced levels, J, π, hindrance factor. ^{105}Sn(β^+), (EC) [from ^{58}Ni(^{50}Cr, X), E=5 MeV / nucleon]; analyzed data; deduced B(GT), hindrance factor. JOUR ZAANE 25 s01 139
^{105}Sn	2005CL08	ATOMIC MASSES ^{64}Ge, ^{68}Se; analyzed masses; deduced effective $T_{1/2}$. ^{90,91}Mo, ^{90,91,92,93}Tc, ^{93,94}Ru, ^{94,95}Rh, ^{104,105,106,107}In, ^{104,105,107,108}Sn, ^{107,108}Sb; measured masses. Penning trap, astrophysical implications discussed. JOUR ZAANE 25 s01 629
	2005KA47	NUCLEAR REACTIONS ^{58}Ni(^{50}Cr, X)^{101}Sn / ^{102}Sn / ^{103}Sn / ^{104}Sn / ^{105}Sn, E $\approx$ 5 MeV / nucleon; measured production σ. ^{58}Ni(^{50}Cr, X)^{100}Sn, E=5.8 MeV / nucleon; deduced approximate production σ. JOUR ZAANE 25 s01 135
	2005KA48	RADIOACTIVITY ^{103}Sn(β^+), (EC) [from ^{58}Ni(^{50}Cr, X), E=5 MeV / nucleon]; measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin, Eβ, B(GT), $T_{1/2}$. ^{103}In deduced levels, J, π, hindrance factor. ^{105}Sn(β^+), (EC) [from ^{58}Ni(^{50}Cr, X), E=5 MeV / nucleon]; analyzed data; deduced B(GT), hindrance factor. JOUR ZAANE 25 s01 139
^{105}Sb	2005LI47	NUCLEAR REACTIONS ^{50}Cr(^{58}Ni, 2np), E=222, 255 MeV; measured delayed Ep. ^{105}Sb deduced upper limit for proton decay branching ratio. JOUR PRVCA 72 047301
	2005LI47	RADIOACTIVITY ^{105}Sb(p) [from ^{50}Cr(^{58}Ni, 2np)]; measured Ep; deduced upper limit for proton decay branching ratio. JOUR PRVCA 72 047301

A=106

^{106}Mo	2005SM08	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ(θ, H, t), $\gamma\gamma$-coin. ^{96,100,102}Zr, ^{102,104,106,108}Mo, ^{106,108,110,112}Ru, ^{110,114,116}Pd levels deduced g factors, B(E2). Gammasphere array, time-integral perturbed angular correlation technique. Comparison with interacting boson model predictions. JOUR JPGPE 31 S1433
	2005ZH36	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{106}Mo deduced high-spin levels, J, π, chiral vibrational bands. Gammasphere array, tilted-axis cranking model analysis. JOUR ZAANE 25 s01 459
^{106}Ru	2005SM08	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ(θ, H, t), $\gamma\gamma$-coin. ^{96,100,102}Zr, ^{102,104,106,108}Mo, ^{106,108,110,112}Ru, ^{110,114,116}Pd levels deduced g factors, B(E2). Gammasphere array, time-integral perturbed angular correlation technique. Comparison with interacting boson model predictions. JOUR JPGPE 31 S1433
^{106}Pd	2004RO48	NUCLEAR REACTIONS ^{104,106,108,110}Pd(d, d'), E=13 MeV; measured σ(E, θ). ^{104,106,108,110}Pd levels deduced B(E2), deformation lengths, Coulomb-nuclear interference parameters. DWBA-deformed optical model analysis. JOUR BJPHE 34 777
^{106}Ag	2005JO20	NUCLEAR REACTIONS ^{100}Mo(^{10}B, 4n), E=42 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{106}Ag deduced high-spin levels, J, π, configurations, possible triaxial rotation. Gammasphere array. JOUR JPGPE 31 S1895
^{106}In	2005CL08	ATOMIC MASSES ^{64}Ge, ^{68}Se; analyzed masses; deduced effective $T_{1/2}$. ^{90,91}Mo, ^{90,91,92,93}Tc, ^{93,94}Ru, ^{94,95}Rh, ^{104,105,106,107}In, ^{104,105,107,108}Sn, ^{107,108}Sb; measured masses. Penning trap, astrophysical implications discussed. JOUR ZAANE 25 s01 629
^{106}Te	2005HA57	NUCLEAR REACTIONS ^{54}Fe(^{54}Fe, 2n), E=182 MeV; measured Eγ, Iγ, (recoil)γ-coin; deduced σ. ^{106}Te deduced levels, possible vibrational excitation. Recoil-decay tagging, level systematics in Te isotopes discussed. JOUR PRVCA 72 041303
	2005HA57	RADIOACTIVITY ^{106}Te(α) [from ^{54}Fe(^{54}Fe, 2n)]; measured Eα, $T_{1/2}$. JOUR PRVCA 72 041303

A=107

^{107}Pd	2005WI23	NUCLEAR REACTIONS ^{100}Mo(^{11}B, xnypzα)^{104}Rh / ^{105}Rh / ^{107}Pd / ^{108}Pd, E=43 MeV; ^{51}V(^{16}O, xnypzα)^{60}Ni / ^{61}Ni / ^{61}Cu / ^{62}Cu, E=70 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-coin; deduced γ-ray yield ratios. Application to exit channel determination discussed. JOUR BJPHE 35 898
^{107}Cd	2005AN26	NUCLEAR REACTIONS ^{98}Mo(^{12}C, 3n), E=60 MeV; measured Doppler-shifted Eγ, Iγ, $\gamma\gamma$-coin. ^{107}Cd levels deduced $T_{1/2}$, B(E2). Recoil-distance method. JOUR JPGPE 31 S1563
^{107}In	2005CL08	ATOMIC MASSES ^{64}Ge, ^{68}Se; analyzed masses; deduced effective $T_{1/2}$. ^{90,91}Mo, ^{90,91,92,93}Tc, ^{93,94}Ru, ^{94,95}Rh, ^{104,105,106,107}In, ^{104,105,107,108}Sn, ^{107,108}Sb; measured masses. Penning trap, astrophysical implications discussed. JOUR ZAANE 25 s01 629

A=107 *(continued)*

^{107}Sn	2005CL08	ATOMIC MASSES ^{64}Ge, ^{68}Se; analyzed masses; deduced effective $T_{1/2}$. ^{90,91}Mo, ^{90,91,92,93}Tc, ^{93,94}Ru, ^{94,95}Rh, ^{104,105,106,107}In, ^{104,105,107,108}Sn, ^{107,108}Sb; measured masses. Penning trap, astrophysical implications discussed. JOUR ZAANE 25 s01 629
^{107}Sb	2005CL08	ATOMIC MASSES ^{64}Ge, ^{68}Se; analyzed masses; deduced effective $T_{1/2}$. ^{90,91}Mo, ^{90,91,92,93}Tc, ^{93,94}Ru, ^{94,95}Rh, ^{104,105,106,107}In, ^{104,105,107,108}Sn, ^{107,108}Sb; measured masses. Penning trap, astrophysical implications discussed. JOUR ZAANE 25 s01 629

A=108

^{108}Mo	2005SM08	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ(θ, H, t), $\gamma\gamma$-coin. ^{96,100,102}Zr, ^{102,104,106,108}Mo, ^{106,108,110,112}Ru, ^{110,114,116}Pd levels deduced g factors, B(E2). Gammasphere array, time-integral perturbed angular correlation technique. Comparison with interacting boson model predictions. JOUR JPGPE 31 S1433
^{108}Tc	2005HW06	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{95,97}Sr, ^{99}Zr, ^{108}Tc, ^{133,134}Te, ^{137}Xe levels deduced $T_{1/2}$. Gammasphere array, time-gated triple-coincidence method. JOUR ZAANE 25 s01 463
^{108}Ru	2005SM08	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ(θ, H, t), $\gamma\gamma$-coin. ^{96,100,102}Zr, ^{102,104,106,108}Mo, ^{106,108,110,112}Ru, ^{110,114,116}Pd levels deduced g factors, B(E2). Gammasphere array, time-integral perturbed angular correlation technique. Comparison with interacting boson model predictions. JOUR JPGPE 31 S1433
^{108}Pd	2004AL44	NUCLEAR REACTIONS ^{100}Mo(^{11}B, 2np), E=43 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-coin. ^{108}Pd deduced levels, J, π, configurations. Cranking model analysis. JOUR BJPHE 34 1005
	2004RO48	NUCLEAR REACTIONS ^{104,106,108,110}Pd(d, d'), E=13 MeV; measured σ(E, θ). ^{104,106,108,110}Pd levels deduced B(E2), deformation lengths, Coulomb-nuclear interference parameters. DWBA-deformed optical model analysis. JOUR BJPHE 34 777
	2005BEZS	NUCLEAR REACTIONS ^{108}Pd(^{122}Cd, ^{122}Cd'), ^{104}Pd(^{124}Cd, ^{124}Cd'), (^{126}Cd, ^{126}Cd'), E not given; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{122,124}Cd levels deduced excitation B(E2). REPT MLL 2004 Annual,P14,Behrens
	2005WI23	NUCLEAR REACTIONS ^{100}Mo(^{11}B, xnypzα)^{104}Rh / ^{105}Rh / ^{107}Pd / ^{108}Pd, E=43 MeV; ^{51}V(^{16}O, xnypzα)^{60}Ni / ^{61}Ni / ^{61}Cu / ^{62}Cu, E=70 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-coin; deduced γ-ray yield ratios. Application to exit channel determination discussed. JOUR BJPHE 35 898
^{108}Sn	2005CL08	ATOMIC MASSES ^{64}Ge, ^{68}Se; analyzed masses; deduced effective $T_{1/2}$. ^{90,91}Mo, ^{90,91,92,93}Tc, ^{93,94}Ru, ^{94,95}Rh, ^{104,105,106,107}In, ^{104,105,107,108}Sn, ^{107,108}Sb; measured masses. Penning trap, astrophysical implications discussed. JOUR ZAANE 25 s01 629
^{108}Sb	2005CL08	ATOMIC MASSES ^{64}Ge, ^{68}Se; analyzed masses; deduced effective $T_{1/2}$. ^{90,91}Mo, ^{90,91,92,93}Tc, ^{93,94}Ru, ^{94,95}Rh, ^{104,105,106,107}In, ^{104,105,107,108}Sn, ^{107,108}Sb; measured masses. Penning trap, astrophysical implications discussed. JOUR ZAANE 25 s01 629

A=109

No references found

A=110

^{110}Ru	2005SM08	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ(θ, H, t), γγ-coin. ^{96,100,102}Zr, ^{102,104,106,108}Mo, ^{106,108,110,112}Ru, ^{110,114,116}Pd levels deduced g factors, B(E2). Gammasphere array, time-integral perturbed angular correlation technique. Comparison with interacting boson model predictions. JOUR JPGPE 31 S1433
^{110}Pd	2004RO48	NUCLEAR REACTIONS ^{104,106,108,110}Pd(d, d'), E=13 MeV; measured σ(E, θ). ^{104,106,108,110}Pd levels deduced B(E2), deformation lengths, Coulomb-nuclear interference parameters. DWBA-deformed optical model analysis. JOUR BJPHE 34 777
	2005SM08	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ(θ, H, t), γγ-coin. ^{96,100,102}Zr, ^{102,104,106,108}Mo, ^{106,108,110,112}Ru, ^{110,114,116}Pd levels deduced g factors, B(E2). Gammasphere array, time-integral perturbed angular correlation technique. Comparison with interacting boson model predictions. JOUR JPGPE 31 S1433
^{110}Cd	2005KO32	NUCLEAR REACTIONS ^{110,111,112,114,116}Cd(γ, γ'), E ≈ 2.7-4.1 MeV bremsstrahlung; measured Eγ, Iγ, γ-ray polarization. ^{110,111,112,114,116}Cd deduced levels, J, π, excitation B(M1), B(E1). JOUR PRVCA 72 034302

A=111

^{111}Cd	2005KO32	NUCLEAR REACTIONS ^{110,111,112,114,116}Cd(γ, γ'), E ≈ 2.7-4.1 MeV bremsstrahlung; measured Eγ, Iγ, γ-ray polarization. ^{110,111,112,114,116}Cd deduced levels, J, π, excitation B(M1), B(E1). JOUR PRVCA 72 034302
^{111}Sb	2005SH53	RADIOACTIVITY ^{111}Te(β^+) [from ^{58}Ni(^{56}Fe, 2pn)]; ^{135}Sn(β^-), (β^-n) [from U(p, F), E=1.4 GeV]; measured Eγ, Iγ, γγ-coin following decay of mass-separated sources. ^{111,134,135}Sb deduced levels, J, π. Comparison with model calculations. JOUR ZAANE 25 s01 121
^{111}Te	2005SH53	RADIOACTIVITY ^{111}Te(β^+) [from ^{58}Ni(^{56}Fe, 2pn)]; ^{135}Sn(β^-), (β^-n) [from U(p, F), E=1.4 GeV]; measured Eγ, Iγ, γγ-coin following decay of mass-separated sources. ^{111,134,135}Sb deduced levels, J, π. Comparison with model calculations. JOUR ZAANE 25 s01 121

A=112

^{112}Ru	2005SM08	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ(θ, H, t), γγ-coin. ^{96,100,102}Zr, ^{102,104,106,108}Mo, ^{106,108,110,112}Ru, ^{110,114,116}Pd levels deduced g factors, B(E2). Gammasphere array, time-integral perturbed angular correlation technique. Comparison with interacting boson model predictions. JOUR JPGPE 31 S1433

A=112 *(continued)*

^{112}Cd	2005KO32	NUCLEAR REACTIONS ^{110,111,112,114,116}Cd(γ, γ'), E $\approx$ 2.7-4.1 MeV bremsstrahlung; measured Eγ, Iγ, γ-ray polarization. ^{110,111,112,114,116}Cd deduced levels, J, π, excitation B(M1), B(E1). JOUR PRVCA 72 034302
^{112}Sn	2005KU28	NUCLEAR REACTIONS ^{112}Sn(n, n'γ), E=2.5-4.0 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular distributions, excitation functions, DSA. ^{112}Sn deduced levels, J, π, δ, $T_{1/2}$, B(M1), B(E2). JOUR PRVCA 72 034313
	2005KU37	NUCLEAR REACTIONS ^{112}Sn(n, n'γ), E=2.5-4.0 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, DSA, excitation functions, angular distributions. ^{112}Sn deduced levels, J, π, $T_{1/2}$. JOUR ZAANE 25 s01 443
	2005PYZZ	NUCLEAR REACTIONS ^{112}Sn(γ, γ'), E=3.8 MeV bremsstrahlung; measured Eγ, Iγ. ^{112}Sn level deduced B(E1), decay width, two-phonon configuration. PREPRINT nucl-ex/0512013,12/8/2005

A=113

^{113}In	2005NA37	NUCLEAR REACTIONS ^{100}Mo(^{18}O, 4np), E=95 MeV; ^{110}Pd(^{7}Li, 4n), E=36 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{113}In deduced high-spin levels, J, π, configurations, shape coexistence. Cranked mean-field calculations. JOUR PRVCA 72 044304

A=114

^{114}Pd	2005SM08	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ(θ, H, t), $\gamma\gamma$-coin. ^{96,100,102}Zr, ^{102,104,106,108}Mo, ^{106,108,110,112}Ru, ^{110,114,116}Pd levels deduced g factors, B(E2). Gammasphere array, time-integral perturbed angular correlation technique. Comparison with interacting boson model predictions. JOUR JPGPE 31 S1433
^{114}Cd	2005KO32	NUCLEAR REACTIONS ^{110,111,112,114,116}Cd(γ, γ'), E $\approx$ 2.7-4.1 MeV bremsstrahlung; measured Eγ, Iγ, γ-ray polarization. ^{110,111,112,114,116}Cd deduced levels, J, π, excitation B(M1), B(E1). JOUR PRVCA 72 034302

A=115

^{115}In	2004AG09	NUCLEAR REACTIONS ^{103}Rh(n, n')^{103m}Rh, E $\approx$ 4.8 MeV; ^{115}In(n, n')^{115m}In, E $\approx$ 5 MeV; ^{232}Th, ^{238}U(n, F), E $\approx$ 5 MeV; ^{24}Mg, ^{27}Al, ^{46,47,48}Ti, ^{54,56}Fe, ^{58}Ni, ^{64}Zn(n, p), E $\approx$ 2-8 MeV; ^{27}Al, ^{59}Co(n, α), E $\approx$ 8.3 MeV; measured activation σ. Spectrum average technique, comparison with previous results. JOUR RAACA 92 63

A=116

^{116}Pd	2005SM08	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ(θ, H, t), γγ-coin. ^{96,100,102}Zr, ^{102,104,106,108}Mo, ^{106,108,110,112}Ru, ^{110,114,116}Pd levels deduced g factors, B(E2). Gammasphere array, time-integral perturbed angular correlation technique. Comparison with interacting boson model predictions. JOUR JPGPE 31 S1433
^{116}Ag	2005BA94	RADIOACTIVITY ^{116m}Ag(IT), ^{116}Ag(β^-) [from U(p, F)]; measured E(ce), I(ce), Eγ, Iγ. ^{116}Ag deduced levels, J, π, ICC, isomer $T_{1/2}$. ^{116}Cd deduced transitions. JOUR PRVCA 72 044306
	2005RI19	RADIOACTIVITY ^{116,118,120}Ag(β^-); measured Eγ, Iγ, βγ-coin. ^{116,118,120}Cd deduced levels, J, π. Three-phonon states discussed. JOUR ZAANE 25 s01 119
^{116}Cd	2005BA94	RADIOACTIVITY ^{116m}Ag(IT), ^{116}Ag(β^-) [from U(p, F)]; measured E(ce), I(ce), Eγ, Iγ. ^{116}Ag deduced levels, J, π, ICC, isomer $T_{1/2}$. ^{116}Cd deduced transitions. JOUR PRVCA 72 044306
	2005KO32	NUCLEAR REACTIONS ^{110,111,112,114,116}Cd(γ, γ'), E ≈ 2.7-4.1 MeV bremsstrahlung; measured Eγ, Iγ, γ-ray polarization. ^{110,111,112,114,116}Cd deduced levels, J, π, excitation B(M1), B(E1). JOUR PRVCA 72 034302
	2005RI19	RADIOACTIVITY ^{116,118,120}Ag(β^-); measured Eγ, Iγ, βγ-coin. ^{116,118,120}Cd deduced levels, J, π. Three-phonon states discussed. JOUR ZAANE 25 s01 119

A=117

No references found

A=118

^{118}Ag	2005RI19	RADIOACTIVITY ^{116,118,120}Ag(β^-); measured Eγ, Iγ, βγ-coin. ^{116,118,120}Cd deduced levels, J, π. Three-phonon states discussed. JOUR ZAANE 25 s01 119
^{118}Cd	2005RI19	RADIOACTIVITY ^{116,118,120}Ag(β^-); measured Eγ, Iγ, βγ-coin. ^{116,118,120}Cd deduced levels, J, π. Three-phonon states discussed. JOUR ZAANE 25 s01 119

A=119

^{119}In	2005GU32	NUCLEAR REACTIONS ^{122}Sn, ^{123}Sb(polarized p, α), E=24 MeV; measured Eα, σ(θ), Ay(θ). ^{119}In, ^{120}Sn deduced homologous states features. JOUR PRVCA 72 044604

A=120

^{120}Ag	2005RI19	RADIOACTIVITY ^{116,118,120}Ag(β^-); measured Eγ, Iγ, $\beta\gamma$-coin. ^{116,118,120}Cd deduced levels, J, π. Three-phonon states discussed. JOUR ZAANE 25 s01 119
^{120}Cd	2005RI19	RADIOACTIVITY ^{116,118,120}Ag(β^-); measured Eγ, Iγ, $\beta\gamma$-coin. ^{116,118,120}Cd deduced levels, J, π. Three-phonon states discussed. JOUR ZAANE 25 s01 119
^{120}Sn	2005GU32	NUCLEAR REACTIONS ^{122}Sn, ^{123}Sb(polarized p, α), E=24 MeV; measured Eα, $\sigma(\theta)$, Ay(θ). ^{119}In, ^{120}Sn deduced homologous states features. JOUR PRVCA 72 044604

A=121

No references found

A=122

^{122}Cd	2005BEZS	NUCLEAR REACTIONS ^{108}Pd(^{122}Cd, ^{122}Cd'), ^{104}Pd(^{124}Cd, ^{124}Cd'), (^{126}Cd, ^{126}Cd'), E not given; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{122,124}Cd levels deduced excitation B(E2). REPT MLL 2004 Annual,P14,Behrens
^{122}Te	2005HA56	NUCLEAR REACTIONS ^{104}Pd(p, γ), E(cm)=2-8 MeV; ^{118}Sn(α, γ), E(cm)=10-11 MeV; measured Eγ, Iγ, σ. Comparison with model predictions. JOUR JPGPE 31 S1417
^{122}Cs	2005KU34	NUCLEAR REACTIONS ^{107}Ag(^{19}F, 3np), E=93 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{122}Cs deduced levels, J, π, configurations. Comparison with model predictions. JOUR PRVCA 72 044319

A=123

^{123}I	2004GL10	NUCLEAR REACTIONS ^{124}Te(p, n), (p, 2n), E $\approx$ 8-19 MeV; measured thick-target yields. JOUR RAACA 92 951
	2006HA01	NUCLEAR REACTIONS Sn(α, xn)^{123}I / ^{124}I / ^{125}I / ^{126}I, E=8-26 MeV; ^{121}Sb(α, n), (α, 2n), E=8-26 MeV; measured σ. Stacked-foil activation, comparison with previous results. JOUR ARISE 64 101
^{123}Cs	2005SI31	NUCLEAR REACTIONS ^{100}Mo(^{28}Si, 4np), E=130 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{123}Cs deduced high-spin levels, J, π, configurations. Total Routhian surface calculations. JOUR ZAANE 25 345

A=124

^{124}Ag	2005KA45	RADIOACTIVITY ^{124,126}Ag(β^-); measured Eγ, Iγ, $\gamma\gamma$-coin following decay of mass-separated sources. ^{124,126}Cd deduced levels, J, π. Comparison with shell-model predictions. JOUR ZAANE 25 s01 117

A=124 *(continued)*

^{124}Cd	2005BEZS	NUCLEAR REACTIONS ^{108}Pd(^{122}Cd, ^{122}Cd'), ^{104}Pd(^{124}Cd, ^{124}Cd'), (^{126}Cd, ^{126}Cd'), E not given; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{122,124}Cd levels deduced excitation B(E2). REPT MLL 2004 Annual,P14,Behrens
	2005KA45	RADIOACTIVITY ^{124,126}Ag(β^-); measured Eγ, Iγ, $\gamma\gamma$-coin following decay of mass-separated sources. ^{124,126}Cd deduced levels, J, π. Comparison with shell-model predictions. JOUR ZAANE 25 s01 117
^{124}Sn	2005SI34	ATOMIC MASSES ^{76,77,80,81,86,88}Sr, ^{124,129,130,131,132}Sn; measured masses. Penning trap mass spectrometer, comparison with previous results. JOUR NUPAB 763 45
^{124}I	2004GL10	NUCLEAR REACTIONS ^{124}Te(p, n), (p, 2n), E $\approx$ 8-19 MeV; measured thick-target yields. JOUR RAACA 92 951
	2006HA01	NUCLEAR REACTIONS Sn(α, xn)^{123}I / ^{124}I / ^{125}I / ^{126}I, E=8-26 MeV; ^{121}Sb(α, n), (α, 2n), E=8-26 MeV; measured σ. Stacked-foil activation, comparison with previous results. JOUR ARISE 64 101
^{124}Cs	2005GU37	ATOMIC MASSES ^{56,57}Mn, ^{82m}Rb, ^{92}Sr, ^{124,127}Cs, ^{130}Ba; measured masses. Penning trap mass spectrometer. JOUR ZAANE 25 s01 35
^{124}Ba	2005MA84	NUCLEAR REACTIONS ^{64}Ni(^{64}Ni, 3n), (^{64}Ni, 4n), E=255-261 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{124,125}Ba deduced levels, J, π, octupole correlations. Euroball and Diamant arrays. JOUR JPGPE 31 S1729

A=125

^{125}Sn	2005JO23	NUCLEAR REACTIONS ^{2}H(^{124}Sn, p), E=4.5 MeV / nucleon; measured $\sigma(\theta)$. ^{125}Sn levels deduced spectroscopic factors. DWBA analysis. JOUR ZAANE 25 s01 283
	2005LE34	NUCLEAR MOMENTS ^{125,125m,126,127,127m,128,129,129m,130,130m,131,131m,132}Sn; measured isotope shifts; deduced charge radii, dynamical effects. ^{125,125m,127,127m,129,129m,130m,131,131m}Sn; measured μ, quadrupole moments. Laser spectroscopy, mean-field calculations. JOUR PRVCA 72 034305
^{125}Sb	2005JU12	NUCLEAR REACTIONS ^{124}Sn(^{7}Li, 2nα), E=37 MeV; measured delayed Eγ, Iγ, E(ce), I(ce). ^{125}Sb deduced levels, J, π, configurations, isomeric states $T_{1/2}$, ICC. Level systematics in neighboring isotopes compared. JOUR JPGPE 31 S1899
^{125}Te	2004GO59	RADIOACTIVITY ^{125m}Te(IT); measured $T_{1/2}$, non-exponential decay features. JOUR BRSPE 68 1335
^{125}I	2006HA01	NUCLEAR REACTIONS Sn(α, xn)^{123}I / ^{124}I / ^{125}I / ^{126}I, E=8-26 MeV; ^{121}Sb(α, n), (α, 2n), E=8-26 MeV; measured σ. Stacked-foil activation, comparison with previous results. JOUR ARISE 64 101
^{125}Ba	2005MA84	NUCLEAR REACTIONS ^{64}Ni(^{64}Ni, 3n), (^{64}Ni, 4n), E=255-261 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{124,125}Ba deduced levels, J, π, octupole correlations. Euroball and Diamant arrays. JOUR JPGPE 31 S1729

A=126

^{126}Ag	2005KA45	RADIOACTIVITY ^{124,126}Ag(β^-); measured Eγ, Iγ, $\gamma\gamma$-coin following decay of mass-separated sources. ^{124,126}Cd deduced levels, J, π. Comparison with shell-model predictions. JOUR ZAANE 25 s01 117
^{126}Cd	2005KA45	RADIOACTIVITY ^{124,126}Ag(β^-); measured Eγ, Iγ, $\gamma\gamma$-coin following decay of mass-separated sources. ^{124,126}Cd deduced levels, J, π. Comparison with shell-model predictions. JOUR ZAANE 25 s01 117
^{126}Sn	2005LE34	NUCLEAR MOMENTS ^{125,125m,126,127,127m,128,129,129m,130,130m,131,131m,132}Sn; measured isotope shifts; deduced charge radii, dynamical effects. ^{125,125m,127,127m,129,129m,130m,131,131m}Sn; measured μ, quadrupole moments. Laser spectroscopy, mean-field calculations. JOUR PRVCA 72 034305
	2005RA32	NUCLEAR REACTIONS C(^{126}Sn, ^{126}Sn'), (^{128}Sn, ^{128}Sn'), (^{130}Sn, ^{130}Sn'), (^{132}Te, ^{132}Te'), (^{134}Te, ^{134}Te'), (^{136}Te, ^{136}Te'), E not given; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin following projectile Coulomb excitation. ^{132,134,136}Te, ^{126,128,130}Sn deduced excitation B(E2). ^{9}Be(^{134}Te, ^{8}Be), ^{13}C(^{134}Te, ^{12}C), E=4.3 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin, (particle)γ-coin; deduced single-neutron transfer σ(E). ^{135}Te deduced levels J, π. JOUR ZAANE 25 s01 383
^{126}I	2006HA01	NUCLEAR REACTIONS Sn(α, xn)^{123}I / ^{124}I / ^{125}I / ^{126}I, E=8-26 MeV; ^{121}Sb(α, n), (α, 2n), E=8-26 MeV; measured σ. Stacked-foil activation, comparison with previous results. JOUR ARISE 64 101

A=127

^{127}Sn	2005LE34	NUCLEAR MOMENTS ^{125,125m,126,127,127m,128,129,129m,130,130m,131,131m,132}Sn; measured isotope shifts; deduced charge radii, dynamical effects. ^{125,125m,127,127m,129,129m,130m,131,131m}Sn; measured μ, quadrupole moments. Laser spectroscopy, mean-field calculations. JOUR PRVCA 72 034305
^{127}Cs	2005GU37	ATOMIC MASSES ^{56,57}Mn, ^{82m}Rb, ^{92}Sr, ^{124,127}Cs, ^{130}Ba; measured masses. Penning trap mass spectrometer. JOUR ZAANE 25 s01 35

A=128

^{128}Sn	2005LE34	NUCLEAR MOMENTS ^{125,125m,126,127,127m,128,129,129m,130,130m,131,131m,132}Sn; measured isotope shifts; deduced charge radii, dynamical effects. ^{125,125m,127,127m,129,129m,130m,131,131m}Sn; measured μ, quadrupole moments. Laser spectroscopy, mean-field calculations. JOUR PRVCA 72 034305

A=128 *(continued)*

	2005RA32	NUCLEAR REACTIONS C(^{126}Sn, ^{126}Sn'), (^{128}Sn, ^{128}Sn'), (^{130}Sn, ^{130}Sn'), (^{132}Te, ^{132}Te'), (^{134}Te, ^{134}Te'), (^{136}Te, ^{136}Te'), E not given; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin following projectile Coulomb excitation. ^{132,134,136}Te, ^{126,128,130}Sn deduced excitation B(E2). ^{9}Be(^{134}Te, ^{8}Be), ^{13}C(^{134}Te, ^{12}C), E=4.3 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin, (particle)γ-coin; deduced single-neutron transfer σ(E). ^{135}Te deduced levels J, π. JOUR ZAANE 25 s01 383

A=129

^{129}Sn	2005LE34	NUCLEAR MOMENTS ^{125,125m,126,127,127m,128,129,129m,130,130m,131,131m,132}Sn; measured isotope shifts; deduced charge radii, dynamical effects. ^{125,125m,127,127m,129,129m,130m,131,131m}Sn; measured μ, quadrupole moments. Laser spectroscopy, mean-field calculations. JOUR PRVCA 72 034305
	2005SI34	ATOMIC MASSES ^{76,77,80,81,86,88}Sr, ^{124,129,130,131,132}Sn; measured masses. Penning trap mass spectrometer, comparison with previous results. JOUR NUPAB 763 45
^{129}Sb	2005YU07	NUCLEAR REACTIONS ^{50}Ti(^{129}Sb, ^{129}Sb'), (^{129}Te, ^{129}Te'), E=400 MeV; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{129}Te, ^{129}Sb deduced transitions B(E2). Clarion, Hyball arrays. JOUR ZAANE 25 s01 395
^{129}Te	2005YU07	NUCLEAR REACTIONS ^{50}Ti(^{129}Sb, ^{129}Sb'), (^{129}Te, ^{129}Te'), E=400 MeV; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{129}Te, ^{129}Sb deduced transitions B(E2). Clarion, Hyball arrays. JOUR ZAANE 25 s01 395

A=130

^{130}Sn	2005LE34	NUCLEAR MOMENTS ^{125,125m,126,127,127m,128,129,129m,130,130m,131,131m,132}Sn; measured isotope shifts; deduced charge radii, dynamical effects. ^{125,125m,127,127m,129,129m,130m,131,131m}Sn; measured μ, quadrupole moments. Laser spectroscopy, mean-field calculations. JOUR PRVCA 72 034305
	2005RA32	NUCLEAR REACTIONS C(^{126}Sn, ^{126}Sn'), (^{128}Sn, ^{128}Sn'), (^{130}Sn, ^{130}Sn'), (^{132}Te, ^{132}Te'), (^{134}Te, ^{134}Te'), (^{136}Te, ^{136}Te'), E not given; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin following projectile Coulomb excitation. ^{132,134,136}Te, ^{126,128,130}Sn deduced excitation B(E2). ^{9}Be(^{134}Te, ^{8}Be), ^{13}C(^{134}Te, ^{12}C), E=4.3 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin, (particle)γ-coin; deduced single-neutron transfer σ(E). ^{135}Te deduced levels J, π. JOUR ZAANE 25 s01 383
	2005SI34	ATOMIC MASSES ^{76,77,80,81,86,88}Sr, ^{124,129,130,131,132}Sn; measured masses. Penning trap mass spectrometer, comparison with previous results. JOUR NUPAB 763 45

A=130 *(continued)*

^{130}Te	2005AR25	RADIOACTIVITY ^{130}Te($2\beta^-$); measured $0\nu\beta\beta$-decay $T_{1/2}$ lower limit. JOUR PRLTA 95 142501
^{130}Xe	2005AR25	RADIOACTIVITY ^{130}Te($2\beta^-$); measured $0\nu\beta\beta$-decay $T_{1/2}$ lower limit. JOUR PRLTA 95 142501
^{130}Ba	2005GU37	ATOMIC MASSES ^{56,57}Mn, ^{82m}Rb, ^{92}Sr, ^{124,127}Cs, ^{130}Ba; measured masses. Penning trap mass spectrometer. JOUR ZAANE 25 s01 35

A=131

^{131}Sn	2005LE34	NUCLEAR MOMENTS ^{125,125m,126,127,127m,128,129,129m,130,130m,131,131m,132}Sn; measured isotope shifts; deduced charge radii, dynamical effects. ^{125,125m,127,127m,129,129m,130m,131,131m}Sn; measured μ, quadrupole moments. Laser spectroscopy, mean-field calculations. JOUR PRVCA 72 034305
	2005SI34	ATOMIC MASSES ^{76,77,80,81,86,88}Sr, ^{124,129,130,131,132}Sn; measured masses. Penning trap mass spectrometer, comparison with previous results. JOUR NUPAB 763 45

A=132

^{132}Sn	2005LE34	NUCLEAR MOMENTS ^{125,125m,126,127,127m,128,129,129m,130,130m,131,131m,132}Sn; measured isotope shifts; deduced charge radii, dynamical effects. ^{125,125m,127,127m,129,129m,130m,131,131m}Sn; measured μ, quadrupole moments. Laser spectroscopy, mean-field calculations. JOUR PRVCA 72 034305
	2005SI34	ATOMIC MASSES ^{76,77,80,81,86,88}Sr, ^{124,129,130,131,132}Sn; measured masses. Penning trap mass spectrometer, comparison with previous results. JOUR NUPAB 763 45
	2005VA31	NUCLEAR REACTIONS ^{48}Ti(^{132}Sn, ^{132}Sn'), E=470-495 MeV; ^{90}Zr(^{134}Sn, ^{134}Sn'), E=400 MeV; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{132,134}Sn deduced transitions B(E2). JOUR ZAANE 25 s01 391
^{132}Sb	2005ZA14	RADIOACTIVITY ^{132}Sb(β^-); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{132}Te deduced levels, J, π. Comparisons with quasiparticle RPA calculations with density-dependent pairing. Clarion array. JOUR ZAANE 25 s01 389
^{132}Te	2005DA42	NUCLEAR REACTIONS ^{12}C(^{132}Te, ^{132}Te'), (^{130}Te, ^{130}Te'), (^{126}Te, ^{126}Te'), (^{122}Te, ^{122}Te'), E=3 MeV / nucleon; measured Eγ, I$\gamma(\theta)$, (particle)γ-coin following projectile Coulomb excitation. ^{132}Te level deduced g-factor. Recoil-in-vacuum technique. JOUR NIMBE 241 971

A=132 *(continued)*

	2005GR25	NUCLEAR REACTIONS ^{64}Ni(^{132}Sn, X), (^{134}Sn, X), E=450-620 MeV; measured fusion σ. C(^{130}Te, ^{130}Te'), (^{132}Te, ^{132}Te'), E=3 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{132}Te level deduced g factor. ^{13}C(^{134}Te, ^{135}Te), E=550 MeV; measured Eγ, Iγ. ^{135}Te level deduced J, π. JOUR JPGPE 31 S1639
	2005RA32	NUCLEAR REACTIONS C(^{126}Sn, ^{126}Sn'), (^{128}Sn, ^{128}Sn'), (^{130}Sn, ^{130}Sn'), (^{132}Te, ^{132}Te'), (^{134}Te, ^{134}Te'), (^{136}Te, ^{136}Te'), E not given; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin following projectile Coulomb excitation. ^{132,134,136}Te, ^{126,128,130}Sn deduced excitation B(E2). ^{9}Be(^{134}Te, ^{8}Be), ^{13}C(^{134}Te, ^{12}C), E=4.3 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin, (particle)γ-coin; deduced single-neutron transfer σ(E). ^{135}Te deduced levels J, π. JOUR ZAANE 25 s01 383
	2005ST33	NUCLEAR REACTIONS C(^{132}Te, ^{132}Te'), (^{122}Te, ^{122}Te'), (^{126}Te, ^{126}Te'), (^{130}Te, ^{130}Te'), E=3 MeV / nucleon; measured Eγ, I$\gamma(\theta, \phi)$, (particle)γ-coin following projectile Coulomb excitation; deduced parameters. ^{132}Te level deduced g factor. Clarion, Hyball arrays, recoil-in-vacuum technique. JOUR ZAANE 25 s01 205
	2005ZA14	RADIOACTIVITY ^{132}Sb(β^-); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{132}Te deduced levels, J, π. Comparisons with quasiparticle RPA calculations with density-dependent pairing. Clarion array. JOUR ZAANE 25 s01 389
^{132}Ce	2005WI19	NUCLEAR REACTIONS ^{68}Zn(^{64}Ni, X), E=300, 400, 500 MeV; measured Eγ, Iγ, (particle)γ-coin. ^{132}Ce deduced GDR parameters. JOUR JPGPE 31 S1973

A=133

^{133}Te	2005HW06	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{95,97}Sr, ^{99}Zr, ^{108}Tc, ^{133,134}Te, ^{137}Xe levels deduced $T_{1/2}$. Gammasphere array, time-gated triple-coincidence method. JOUR ZAANE 25 s01 463
^{133}Cs	2004GE20	RADIOACTIVITY ^{155}Sm(β^-) [from ^{154}Sm(n, γ)]; ^{60}Co, ^{133}Ba, ^{152}Eu; measured γ-ray angular correlations. ^{155}Eu, ^{60}Ni, ^{133}Cs, ^{152}Gd transitions deduced δ. Comparison with previous results. JOUR BJPHE 34 722
	2005DA40	NUCLEAR MOMENTS ^{133}Cs; measured hfs; deduced constants. JOUR EULEE 72 740
^{133}Ba	2004GE20	RADIOACTIVITY ^{155}Sm(β^-) [from ^{154}Sm(n, γ)]; ^{60}Co, ^{133}Ba, ^{152}Eu; measured γ-ray angular correlations. ^{155}Eu, ^{60}Ni, ^{133}Cs, ^{152}Gd transitions deduced δ. Comparison with previous results. JOUR BJPHE 34 722
^{133}Nd	2005PE18	NUCLEAR REACTIONS ^{104}Pd(^{32}S, n2p), E=135 MeV; measured Doppler-shifted Eγ, Iγ, $\gamma\gamma$-coin. ^{133}Nd levels deduced $T_{1/2}$, B(E2), decay-out mechanism for highly deformed rotational band. GASP array, recoil-distance method. JOUR PRVCA 72 031304

A=134

^{134}Sn	2005VA31	NUCLEAR REACTIONS ^{48}Ti(^{132}Sn, ^{132}Sn'), E=470-495 MeV; ^{90}Zr(^{134}Sn, ^{134}Sn'), E=400 MeV; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{132,134}Sn deduced transitions B(E2). JOUR ZAANE 25 s01 391
^{134}Sb	2005SH53	RADIOACTIVITY ^{111}Te(β^+) [from ^{58}Ni(^{56}Fe, 2pn)]; ^{135}Sn(β^-), (β^-n) [from U(p, F), E=1.4 GeV]; measured Eγ, Iγ, $\gamma\gamma$-coin following decay of mass-separated sources. ^{111,134,135}Sb deduced levels, J, π. Comparison with model calculations. JOUR ZAANE 25 s01 121
^{134}Te	2005HW06	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{95,97}Sr, ^{99}Zr, ^{108}Tc, ^{133,134}Te, ^{137}Xe levels deduced $T_{1/2}$. Gammasphere array, time-gated triple-coincidence method. JOUR ZAANE 25 s01 463
	2005RA32	NUCLEAR REACTIONS C(^{126}Sn, ^{126}Sn'), (^{128}Sn, ^{128}Sn'), (^{130}Sn, ^{130}Sn'), (^{132}Te, ^{132}Te'), (^{134}Te, ^{134}Te'), (^{136}Te, ^{136}Te'), E not given; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin following projectile Coulomb excitation. ^{132,134,136}Te, ^{126,128,130}Sn deduced excitation B(E2). ^{9}Be(^{134}Te, ^{8}Be), ^{13}C(^{134}Te, ^{12}C), E=4.3 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin, (particle)γ-coin; deduced single-neutron transfer σ(E). ^{135}Te deduced levels J, π. JOUR ZAANE 25 s01 383
^{134}Pr	2005TO22	NUCLEAR REACTIONS ^{119}Sn(^{19}F, 4n), E=83, 87 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, DSA. ^{134}Pr levels deduced $T_{1/2}$, B(M1), B(E2), mixing ratios. Euroball IV array, recoil-distance and Doppler-shift attenuation techniques. JOUR ZAANE 25 s01 447

A=135

^{135}Sn	2005KO40	RADIOACTIVITY ^{135}Sn(β^-) [from ^{235}U(n, F), E=thermal]; measured Eγ, Iγ, $\beta\gamma$-coin following decay of mass-separated sources. ^{135}Sb deduced levels, J, π, $T_{1/2}$, B(M1), configurations. Comparison with shell model calculations. JOUR ZAANE 25 s01 123
	2005SH53	RADIOACTIVITY ^{111}Te(β^+) [from ^{58}Ni(^{56}Fe, 2pn)]; ^{135}Sn(β^-), (β^-n) [from U(p, F), E=1.4 GeV]; measured Eγ, Iγ, $\gamma\gamma$-coin following decay of mass-separated sources. ^{111,134,135}Sb deduced levels, J, π. Comparison with model calculations. JOUR ZAANE 25 s01 121
^{135}Sb	2005KO40	RADIOACTIVITY ^{135}Sn(β^-) [from ^{235}U(n, F), E=thermal]; measured Eγ, Iγ, $\beta\gamma$-coin following decay of mass-separated sources. ^{135}Sb deduced levels, J, π, $T_{1/2}$, B(M1), configurations. Comparison with shell model calculations. JOUR ZAANE 25 s01 123
	2005SH53	RADIOACTIVITY ^{111}Te(β^+) [from ^{58}Ni(^{56}Fe, 2pn)]; ^{135}Sn(β^-), (β^-n) [from U(p, F), E=1.4 GeV]; measured Eγ, Iγ, $\gamma\gamma$-coin following decay of mass-separated sources. ^{111,134,135}Sb deduced levels, J, π. Comparison with model calculations. JOUR ZAANE 25 s01 121
^{135}Te	2005GR25	NUCLEAR REACTIONS ^{64}Ni(^{132}Sn, X), (^{134}Sn, X), E=450-620 MeV; measured fusion σ. C(^{130}Te, ^{130}Te'), (^{132}Te, ^{132}Te'), E=3 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{132}Te level deduced g factor. ^{13}C(^{134}Te, ^{135}Te), E=550 MeV; measured Eγ, Iγ. ^{135}Te level deduced J, π. JOUR JPGPE 31 S1639

A=135 *(continued)*

	2005RA32	NUCLEAR REACTIONS C(^{126}Sn, ^{126}Sn'), (^{128}Sn, ^{128}Sn'), (^{130}Sn, ^{130}Sn'), (^{132}Te, ^{132}Te'), (^{134}Te, ^{134}Te'), (^{136}Te, ^{136}Te'), E not given; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin following projectile Coulomb excitation. ^{132,134,136}Te, ^{126,128,130}Sn deduced excitation B(E2). ^{9}Be(^{134}Te, ^{8}Be), ^{13}C(^{134}Te, ^{12}C), E=4.3 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin, (particle)γ-coin; deduced single-neutron transfer σ(E). ^{135}Te deduced levels J, π. JOUR ZAANE 25 s01 383
^{135}Xe	2004GA60	NUCLEAR REACTIONS ^{237}Np(γ, F)^{135}Xe / ^{137}Xe / ^{138}Xe / ^{139}Xe / ^{140}Xe / ^{141}Xe / ^{142}Xe / ^{89}Kr / ^{91}Kr / ^{92}Kr / ^{93}Kr, E=25 MeV bremsstrahlung; measured fission yields, isotopic distribution parameters. Comparison with results from other targets. JOUR BRSPE 68 1298
	2005GA50	NUCLEAR REACTIONS ^{237}Np, ^{243}Am(γ, F)^{135}Xe / ^{137}Xe / ^{138}Xe / ^{139}Xe / ^{140}Xe / ^{141}Xe / ^{142}Xe / ^{89}Kr / ^{91}Kr / ^{92}Kr / ^{93}Kr, E=25 MeV bremsstrahlung; measured fission yields, isotopic distribution parameters. JOUR YAFIA 68 1475

A=136

^{136}Te	2005RA32	NUCLEAR REACTIONS C(^{126}Sn, ^{126}Sn'), (^{128}Sn, ^{128}Sn'), (^{130}Sn, ^{130}Sn'), (^{132}Te, ^{132}Te'), (^{134}Te, ^{134}Te'), (^{136}Te, ^{136}Te'), E not given; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin following projectile Coulomb excitation. ^{132,134,136}Te, ^{126,128,130}Sn deduced excitation B(E2). ^{9}Be(^{134}Te, ^{8}Be), ^{13}C(^{134}Te, ^{12}C), E=4.3 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin, (particle)γ-coin; deduced single-neutron transfer σ(E). ^{135}Te deduced levels J, π. JOUR ZAANE 25 s01 383
^{136}Xe	2005GAZU	RADIOACTIVITY ^{136}Xe($2\beta^-$); measured $0\nu\beta\beta$-decay and $2\nu\beta\beta$-decay $T_{1/2}$ lower limits. PREPRINT nucl-ex/0510071,10/26/2005
^{136}Ba	2005GAZU	RADIOACTIVITY ^{136}Xe($2\beta^-$); measured $0\nu\beta\beta$-decay and $2\nu\beta\beta$-decay $T_{1/2}$ lower limits. PREPRINT nucl-ex/0510071,10/26/2005
^{136}Ce	2005LA29	NUCLEAR REACTIONS ^{124}Sn(^{16}O, 4n), E=80 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, γ-ray polarization, DSA. ^{136}Ce deduced high-spin levels, I, π, $T_{1/2}$, B(M1), B(E2), transition quadrupole moments. ^{124}Sn(^{16}O, 4n), E=65-98 MeV; measured Eγ, excitation functions. Comparisons with cranking model predictions. JOUR NUPAB 761 1

A=137

^{137}Xe	2004GA60	NUCLEAR REACTIONS ^{237}Np(γ, F)^{135}Xe / ^{137}Xe / ^{138}Xe / ^{139}Xe / ^{140}Xe / ^{141}Xe / ^{142}Xe / ^{89}Kr / ^{91}Kr / ^{92}Kr / ^{93}Kr, E=25 MeV bremsstrahlung; measured fission yields, isotopic distribution parameters. Comparison with results from other targets. JOUR BRSPE 68 1298
	2005FO17	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{98}Sr, ^{102,104}Zr, ^{137}Xe, ^{143}Ba, ^{152}Ce levels deduced $T_{1/2}$. Gammasphere array, time-gated triple-coincidence method. JOUR ZAANE 25 s01 465

A=137 *(continued)*

2005GA50 NUCLEAR REACTIONS ^{237}Np, ^{243}Am(γ, F)^{135}Xe / ^{137}Xe / ^{138}Xe / ^{139}Xe / ^{140}Xe / ^{141}Xe / ^{142}Xe / ^{89}Kr / ^{91}Kr / ^{92}Kr / ^{93}Kr, E=25 MeV bremsstrahlung; measured fission yields, isotopic distribution parameters. JOUR YAFIA 68 1475

2005HW06 RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{95,97}Sr, ^{99}Zr, ^{108}Tc, ^{133,134}Te, ^{137}Xe levels deduced $T_{1/2}$. Gammasphere array, time-gated triple-coincidence method. JOUR ZAANE 25 s01 463

A=138

^{138}Xe

2004GA60 NUCLEAR REACTIONS ^{237}Np(γ, F)^{135}Xe / ^{137}Xe / ^{138}Xe / ^{139}Xe / ^{140}Xe / ^{141}Xe / ^{142}Xe / ^{89}Kr / ^{91}Kr / ^{92}Kr / ^{93}Kr, E=25 MeV bremsstrahlung; measured fission yields, isotopic distribution parameters. Comparison with results from other targets. JOUR BRSPE 68 1298

2005GA50 NUCLEAR REACTIONS ^{237}Np, ^{243}Am(γ, F)^{135}Xe / ^{137}Xe / ^{138}Xe / ^{139}Xe / ^{140}Xe / ^{141}Xe / ^{142}Xe / ^{89}Kr / ^{91}Kr / ^{92}Kr / ^{93}Kr, E=25 MeV bremsstrahlung; measured fission yields, isotopic distribution parameters. JOUR YAFIA 68 1475

A=139

^{139}Xe

2004GA60 NUCLEAR REACTIONS ^{237}Np(γ, F)^{135}Xe / ^{137}Xe / ^{138}Xe / ^{139}Xe / ^{140}Xe / ^{141}Xe / ^{142}Xe / ^{89}Kr / ^{91}Kr / ^{92}Kr / ^{93}Kr, E=25 MeV bremsstrahlung; measured fission yields, isotopic distribution parameters. Comparison with results from other targets. JOUR BRSPE 68 1298

2005GA50 NUCLEAR REACTIONS ^{237}Np, ^{243}Am(γ, F)^{135}Xe / ^{137}Xe / ^{138}Xe / ^{139}Xe / ^{140}Xe / ^{141}Xe / ^{142}Xe / ^{89}Kr / ^{91}Kr / ^{92}Kr / ^{93}Kr, E=25 MeV bremsstrahlung; measured fission yields, isotopic distribution parameters. JOUR YAFIA 68 1475

A=140

^{140}Xe

2004GA60 NUCLEAR REACTIONS ^{237}Np(γ, F)^{135}Xe / ^{137}Xe / ^{138}Xe / ^{139}Xe / ^{140}Xe / ^{141}Xe / ^{142}Xe / ^{89}Kr / ^{91}Kr / ^{92}Kr / ^{93}Kr, E=25 MeV bremsstrahlung; measured fission yields, isotopic distribution parameters. Comparison with results from other targets. JOUR BRSPE 68 1298

2005GA50 NUCLEAR REACTIONS ^{237}Np, ^{243}Am(γ, F)^{135}Xe / ^{137}Xe / ^{138}Xe / ^{139}Xe / ^{140}Xe / ^{141}Xe / ^{142}Xe / ^{89}Kr / ^{91}Kr / ^{92}Kr / ^{93}Kr, E=25 MeV bremsstrahlung; measured fission yields, isotopic distribution parameters. JOUR YAFIA 68 1475

A=140 *(continued)*

^{140}Eu	2005TA31	RADIOACTIVITY ^{140m}Eu, ^{142m}Tb, ^{144m}Ho(IT) [from ^{54}Fe(^{92}Mo, X)]; measured X-ray spectra, Eγ, $\gamma\gamma$-coin, E(ce), $T_{1/2}$. ^{140}Eu, ^{142}Tb, ^{144}Ho dlevels, J, π, configurations. Mass-separated sources. JOUR ZAANE 25 s01 151
^{140}Dy	2005BI24	RADIOACTIVITY ^{141}Ho, ^{144,145,146}Tm(p) [from ^{92}Mo(^{54}Fe, xnyp) and ^{92}Mo(^{58}Ni, xnyp)]; measured Ep, $T_{1/2}$; deduced branching ratios. ^{141}Ho, ^{140}Dy, ^{145,146}Tm, ^{144,145}Er deduced levels, configurations. JOUR NIMBE 241 185

A=141

^{141}Xe	2004GA60	NUCLEAR REACTIONS ^{237}Np(γ, F)^{135}Xe / ^{137}Xe / ^{138}Xe / ^{139}Xe / ^{140}Xe / ^{141}Xe / ^{142}Xe / ^{89}Kr / ^{91}Kr / ^{92}Kr / ^{93}Kr, E=25 MeV bremsstrahlung; measured fission yields, isotopic distribution parameters. Comparison with results from other targets. JOUR BRSPE 68 1298
	2005GA50	NUCLEAR REACTIONS ^{237}Np, ^{243}Am(γ, F)^{135}Xe / ^{137}Xe / ^{138}Xe / ^{139}Xe / ^{140}Xe / ^{141}Xe / ^{142}Xe / ^{89}Kr / ^{91}Kr / ^{92}Kr / ^{93}Kr, E=25 MeV bremsstrahlung; measured fission yields, isotopic distribution parameters. JOUR YAFIA 68 1475
^{141}Tb	2004ME25	NUCLEAR REACTIONS ^{92}Mo(^{54}Fe, pα), E=240 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-coin. ^{141}Tb deduced high-spin levels, J, π, configurations. GASP, ISIS arrays, cranking model analysis. JOUR BJPHE 34 1002
^{141}Ho	2005BI24	RADIOACTIVITY ^{141}Ho, ^{144,145,146}Tm(p) [from ^{92}Mo(^{54}Fe, xnyp) and ^{92}Mo(^{58}Ni, xnyp)]; measured Ep, $T_{1/2}$; deduced branching ratios. ^{141}Ho, ^{140}Dy, ^{145,146}Tm, ^{144,145}Er deduced levels, configurations. JOUR NIMBE 241 185

A=142

^{142}Xe	2004GA60	NUCLEAR REACTIONS ^{237}Np(γ, F)^{135}Xe / ^{137}Xe / ^{138}Xe / ^{139}Xe / ^{140}Xe / ^{141}Xe / ^{142}Xe / ^{89}Kr / ^{91}Kr / ^{92}Kr / ^{93}Kr, E=25 MeV bremsstrahlung; measured fission yields, isotopic distribution parameters. Comparison with results from other targets. JOUR BRSPE 68 1298
	2005GA50	NUCLEAR REACTIONS ^{237}Np, ^{243}Am(γ, F)^{135}Xe / ^{137}Xe / ^{138}Xe / ^{139}Xe / ^{140}Xe / ^{141}Xe / ^{142}Xe / ^{89}Kr / ^{91}Kr / ^{92}Kr / ^{93}Kr, E=25 MeV bremsstrahlung; measured fission yields, isotopic distribution parameters. JOUR YAFIA 68 1475
^{142}Nd	2005RO35	NUCLEAR MOMENTS ^{142,143,144,145,146,148,150}Nd; measured hfs, isotope shifts. JOUR CJPHA 83 841
^{142}Gd	2006DR01	NUCLEAR REACTIONS ^{99}Ru(^{48}Ti, 3n2p), E=240 MeV; measured Eγ, Iγ, γ-ray linear polarization. JOUR NIMAE 556 182

A=142 *(continued)*

^{142}Tb	2005RI17	NUCLEAR REACTIONS ^{92}Mo(^{54}Fe, xnypzα), E=245 MeV; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{142}Tb, ^{163}Dy deduced transitions. ^{143}Dy deduced isomeric state $T_{1/2}$. Jurogam array. JOUR JPGPE 31 S1949
	2005TA31	RADIOACTIVITY ^{140m}Eu, ^{142m}Tb, ^{144m}Ho(IT) [from ^{54}Fe(^{92}Mo, X)]; measured X-ray spectra, Eγ, $\gamma\gamma$-coin, E(ce), $T_{1/2}$. ^{140}Eu, ^{142}Tb, ^{144}Ho dlevels, J, π, configurations. Mass-separated sources. JOUR ZAANE 25 s01 151

A=143

^{143}Ba	2005FO17	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{98}Sr, ^{102,104}Zr, ^{137}Xe, ^{143}Ba, ^{152}Ce levels deduced $T_{1/2}$. Gammasphere array, time-gated triple-coincidence method. JOUR ZAANE 25 s01 465
^{143}Nd	2005RO35	NUCLEAR MOMENTS ^{142,143,144,145,146,148,150}Nd; measured hfs, isotope shifts. JOUR CJPHA 83 841
^{143}Dy	2005RI17	NUCLEAR REACTIONS ^{92}Mo(^{54}Fe, xnypzα), E=245 MeV; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{142}Tb, ^{163}Dy deduced transitions. ^{143}Dy deduced isomeric state $T_{1/2}$. Jurogam array. JOUR JPGPE 31 S1949
^{143}Er	2005BI24	RADIOACTIVITY ^{141}Ho, ^{144,145,146}Tm(p) [from ^{92}Mo(^{54}Fe, xnyp) and ^{92}Mo(^{58}Ni, xnyp)]; measured Ep, $T_{1/2}$; deduced branching ratios. ^{141}Ho, ^{140}Dy, ^{145,146}Tm, ^{144,145}Er deduced levels, configurations. JOUR NIMBE 241 185
	2005GR32	RADIOACTIVITY ^{144}Tm(p) [from ^{58}Ni(^{92}Mo, p5n), E=340 MeV]; measured proton spectra, $T_{1/2}$; deduced fine structure. JOUR ZAANE 25 s01 145

A=144

^{144}Ba	2005SH49	RADIOACTIVITY ^{252}Cf(SF); measured Doppler-shifted Eγ, Iγ, $\gamma\gamma$-, (fragment)γ-coin. ^{144}Ba deduced transitions $T_{1/2}$, B(E2), transition dipole, quadrupole, and octupole moments for alternating-parity band. Gammasphere array, cluster-model analysis. JOUR ZAANE 25 387
^{144}Nd	2005RO35	NUCLEAR MOMENTS ^{142,143,144,145,146,148,150}Nd; measured hfs, isotope shifts. JOUR CJPHA 83 841
^{144}Ho	2005TA31	RADIOACTIVITY ^{140m}Eu, ^{142m}Tb, ^{144m}Ho(IT) [from ^{54}Fe(^{92}Mo, X)]; measured X-ray spectra, Eγ, $\gamma\gamma$-coin, E(ce), $T_{1/2}$. ^{140}Eu, ^{142}Tb, ^{144}Ho dlevels, J, π, configurations. Mass-separated sources. JOUR ZAANE 25 s01 151
^{144}Er	2005BI24	RADIOACTIVITY ^{141}Ho, ^{144,145,146}Tm(p) [from ^{92}Mo(^{54}Fe, xnyp) and ^{92}Mo(^{58}Ni, xnyp)]; measured Ep, $T_{1/2}$; deduced branching ratios. ^{141}Ho, ^{140}Dy, ^{145,146}Tm, ^{144,145}Er deduced levels, configurations. JOUR NIMBE 241 185
	2005SE26	RADIOACTIVITY ^{145}Tm(p) [from ^{58}Ni(^{92}Mo, 4np)]; measured Ep, Eγ, pγ-coin. JOUR ZAANE 25 s01 159

A=144 *(continued)*

^{144}Tm	2005BI24	RADIOACTIVITY ^{141}Ho, ^{144,145,146}Tm(p) [from ^{92}Mo(^{54}Fe, xnyp) and ^{92}Mo(^{58}Ni, xnyp)]; measured Ep, $T_{1/2}$; deduced branching ratios. ^{141}Ho, ^{140}Dy, ^{145,146}Tm, ^{144,145}Er deduced levels, configurations. JOUR NIMBE 241 185
	2005GR32	RADIOACTIVITY ^{144}Tm(p) [from ^{58}Ni(^{92}Mo, p5n), E=340 MeV]; measured proton spectra, $T_{1/2}$; deduced fine structure. JOUR ZAANE 25 s01 145

A=145

^{145}Nd	2005RO35	NUCLEAR MOMENTS ^{142,143,144,145,146,148,150}Nd; measured hfs, isotope shifts. JOUR CJPHA 83 841
^{145}Er	2005BB02	RADIOACTIVITY ^{146}Tm(p) [from ^{58}Ni(^{92}Mo, p3n), E=297 MeV]; measured proton spectra, $T_{1/2}$; deduced fine structure, decay branching ratios. ^{145}Er deduced levels, configurations. JOUR ZAANE 25 s01 149
	2005BI24	RADIOACTIVITY ^{141}Ho, ^{144,145,146}Tm(p) [from ^{92}Mo(^{54}Fe, xnyp) and ^{92}Mo(^{58}Ni, xnyp)]; measured Ep, $T_{1/2}$; deduced branching ratios. ^{141}Ho, ^{140}Dy, ^{145,146}Tm, ^{144,145}Er deduced levels, configurations. JOUR NIMBE 241 185
	2005RO40	RADIOACTIVITY ^{146}Tm(p) [from ^{58}Ni(^{92}Mo, X)]; measured Eγ, Ep, $T_{1/2}$ following proton decay from ground and excited states. ^{146}Tm, ^{145}Er deduced levels, J, π, configurations. JOUR ZAANE 25 s01 155
^{145}Tm	2005BI24	RADIOACTIVITY ^{141}Ho, ^{144,145,146}Tm(p) [from ^{92}Mo(^{54}Fe, xnyp) and ^{92}Mo(^{58}Ni, xnyp)]; measured Ep, $T_{1/2}$; deduced branching ratios. ^{141}Ho, ^{140}Dy, ^{145,146}Tm, ^{144,145}Er deduced levels, configurations. JOUR NIMBE 241 185
	2005SE26	NUCLEAR REACTIONS ^{58}Ni(^{92}Mo, 2np), E=512 MeV; ^{58}Ni(^{92}Mo, 3np), E=460 MeV; ^{58}Ni(^{92}Mo, 4np), E=417 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{145,146,147}Tm deduced levels, J, π, proton-decay features. Gammasphere array, recoil-decay tagging. Comparison with Particle Rotor model predictions. JOUR ZAANE 25 s01 159
	2005SE26	RADIOACTIVITY ^{145}Tm(p) [from ^{58}Ni(^{92}Mo, 4np)]; measured Ep, Eγ, pγ-coin. JOUR ZAANE 25 s01 159

A=146

^{146}Nd	2005RO35	NUCLEAR MOMENTS ^{142,143,144,145,146,148,150}Nd; measured hfs, isotope shifts. JOUR CJPHA 83 841
^{146}Tm	2005BB02	RADIOACTIVITY ^{146}Tm(p) [from ^{58}Ni(^{92}Mo, p3n), E=297 MeV]; measured proton spectra, $T_{1/2}$; deduced fine structure, decay branching ratios. ^{145}Er deduced levels, configurations. JOUR ZAANE 25 s01 149
	2005BI24	RADIOACTIVITY ^{141}Ho, ^{144,145,146}Tm(p) [from ^{92}Mo(^{54}Fe, xnyp) and ^{92}Mo(^{58}Ni, xnyp)]; measured Ep, $T_{1/2}$; deduced branching ratios. ^{141}Ho, ^{140}Dy, ^{145,146}Tm, ^{144,145}Er deduced levels, configurations. JOUR NIMBE 241 185

A=146 *(continued)*

2005RO40 NUCLEAR REACTIONS ^{58}Ni(^{92}Mo, 3np), E not given; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{146}Tm deduced levels, J, π. Gammasphere array, recoil-decay tagging. JOUR ZAANE 25 s01 155

2005RO40 RADIOACTIVITY ^{146}Tm(p) [from ^{58}Ni(^{92}Mo, X)]; measured Eγ, Ep, $T_{1/2}$ following proton decay from ground and excited states. ^{146}Tm, ^{145}Er deduced levels, J, π, configurations. JOUR ZAANE 25 s01 155

2005SE26 NUCLEAR REACTIONS ^{58}Ni(^{92}Mo, 2np), E=512 MeV; ^{58}Ni(^{92}Mo, 3np), E=460 MeV; ^{58}Ni(^{92}Mo, 4np), E=417 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{145,146,147}Tm deduced levels, J, π, proton-decay features. Gammasphere array, recoil-decay tagging. Comparison with Particle Rotor model predictions. JOUR ZAANE 25 s01 159

A=147

^{147}Dy 2005GE10 ATOMIC MASSES ^{147,147m}Dy; measured masses for ground and isomeric states. Schottky mass spectrometry. JOUR JPGPE 31 S1779

^{147}Tm 2005SE26 NUCLEAR REACTIONS ^{58}Ni(^{92}Mo, 2np), E=512 MeV; ^{58}Ni(^{92}Mo, 3np), E=460 MeV; ^{58}Ni(^{92}Mo, 4np), E=417 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{145,146,147}Tm deduced levels, J, π, proton-decay features. Gammasphere array, recoil-decay tagging. Comparison with Particle Rotor model predictions. JOUR ZAANE 25 s01 159

A=148

^{148}Nd 2005RO35 NUCLEAR MOMENTS ^{142,143,144,145,146,148,150}Nd; measured hfs, isotope shifts. JOUR CJPHA 83 841

^{148}Gd 2005KE07 NUCLEAR REACTIONS W, Ta, Au(p, X)^{148}Gd, E=600, 800 MeV; measured cumulative production σ. Comparison with previous results, model predictions. JOUR NUPAB 760 225

A=149

No references found

A=150

^{150}Nd 2005RO35 NUCLEAR MOMENTS ^{142,143,144,145,146,148,150}Nd; measured hfs, isotope shifts. JOUR CJPHA 83 841

A=151

No references found

A=152

^{152}Ce	2005FO17	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{98}Sr, ^{102,104}Zr, ^{137}Xe, ^{143}Ba, ^{152}Ce levels deduced $T_{1/2}$. Gammasphere array, time-gated triple-coincidence method. JOUR ZAANE 25 s01 465
^{152}Sm	2004KU35	RADIOACTIVITY ^{238}Pu, ^{226}Ra(α); ^{152}Eu(EC); measured low-energy electron spectra, angular distributions, (electron)α-, (electron)γ-, (electron)(X-ray)-coin. JOUR BRSPE 68 1358
	2005GA47	NUCLEAR REACTIONS ^{150}Nd(α, 2n), E=22.5 MeV; ^{152}Sm(n, n'), E not given; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{152}Sm deduced levels, J, π, octupole and hexadecapole bands. JOUR JPGPE 31 S1855
	2005WI20	RADIOACTIVITY ^{26}Na(β^-); ^{152}Eu(β^-), (EC); measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin. ^{152}Sm level deduced $T_{1/2}$. JOUR JPGPE 31 S1979
^{152}Eu	2004GE20	RADIOACTIVITY ^{155}Sm(β^-) [from ^{154}Sm(n, γ)]; ^{60}Co, ^{133}Ba, ^{152}Eu; measured γ-ray angular correlations. ^{155}Eu, ^{60}Ni, ^{133}Cs, ^{152}Gd transitions deduced δ. Comparison with previous results. JOUR BJPHE 34 722
	2004KU35	RADIOACTIVITY ^{238}Pu, ^{226}Ra(α); ^{152}Eu(EC); measured low-energy electron spectra, angular distributions, (electron)α-, (electron)γ-, (electron)(X-ray)-coin. JOUR BRSPE 68 1358
	2005WI20	RADIOACTIVITY ^{26}Na(β^-); ^{152}Eu(β^-), (EC); measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin. ^{152}Sm level deduced $T_{1/2}$. JOUR JPGPE 31 S1979
^{152}Gd	2004GE20	RADIOACTIVITY ^{155}Sm(β^-) [from ^{154}Sm(n, γ)]; ^{60}Co, ^{133}Ba, ^{152}Eu; measured γ-ray angular correlations. ^{155}Eu, ^{60}Ni, ^{133}Cs, ^{152}Gd transitions deduced δ. Comparison with previous results. JOUR BJPHE 34 722
	2005WI20	RADIOACTIVITY ^{26}Na(β^-); ^{152}Eu(β^-), (EC); measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin. ^{152}Sm level deduced $T_{1/2}$. JOUR JPGPE 31 S1979

A=153

No references found

A=154

No references found

A=155

^{155}Sm	2004GE20	RADIOACTIVITY ^{155}Sm(β^-) [from ^{154}Sm(n, γ)]; ^{60}Co, ^{133}Ba, ^{152}Eu; measured γ-ray angular correlations. ^{155}Eu, ^{60}Ni, ^{133}Cs, ^{152}Gd transitions deduced δ. Comparison with previous results. JOUR BJPHE 34 722
	2005RA33	RADIOACTIVITY ^{155}Sm(β^-) [from ^{154}Sm(n, γ)]; measured Eγ, Iγ, $\gamma\gamma$-coin; deduced log ft. ^{155}Eu deduced levels, J, π, β-feeding intensities. JOUR BJPHE 35 839

A=155 *(continued)*

^{155}Eu	2004GE20	RADIOACTIVITY ^{155}Sm(β^-) [from ^{154}Sm(n, γ)]; ^{60}Co, ^{133}Ba, ^{152}Eu; measured γ-ray angular correlations. ^{155}Eu, ^{60}Ni, ^{133}Cs, ^{152}Gd transitions deduced δ. Comparison with previous results. JOUR BJPHE 34 722
	2005RA33	RADIOACTIVITY ^{155}Sm(β^-) [from ^{154}Sm(n, γ)]; measured Eγ, Iγ, $\gamma\gamma$-coin; deduced log ft. ^{155}Eu deduced levels, J, π, β-feeding intensities. JOUR BJPHE 35 839

A=156

No references found

A=157

^{157}Er	2005RI16	NUCLEAR REACTIONS ^{114}Cd(^{48}Ca, 5n), E=215 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{157}Er deduced high-spin levels, J, π, band termination features. Gammasphere array. JOUR JPGPE 31 S1735
^{157}Lu	2005SC22	RADIOACTIVITY ^{167,167m,169,169m}Ir, ^{165,165m}Re, ^{161}Ta(α) [from ^{92}Mo(^{78}Kr, 2np) and ^{112}Sn(^{58}Ni, p) and subsequent decay]; measured Eα, Eγ, $\alpha\gamma$-coin, $T_{1/2}$; deduced spectroscopic factors. ^{167,167m}Ir(p) [from ^{112}Sn(^{58}Ni, 2np)]; measured Ep, $T_{1/2}$; deduced spectroscopic factors. Jurogam array, mass separator. JOUR JPGPE 31 S1719

A=158

^{158}Gd	2005ME19	NUCLEAR REACTIONS ^{160}Gd, ^{164}Dy, ^{170}Er, ^{178}Hf, ^{186}W, ^{192}Os(p, t), E=25 MeV; measured triton spectra, $\sigma(\theta)$. ^{158}Gd, ^{162}Dy, ^{168}Er, ^{176}Hf, ^{184}W, ^{190}Os deduced 0^+ level energies. JOUR JPGPE 31 S1399
	2005MI28	NUCLEAR REACTIONS ^{158}Gd(X-ray, X-ray), E $\approx$ 79.5 keV; measured delayed X-ray spectrum. ^{158}Gd deduced excited state energy, $T_{1/2}$. Synchrotron radiation, comparison with previous results. JOUR JUPSA 74 3122

A=159

No references found

A=160

^{160}Tm	2005LA32	NUCLEAR REACTIONS ^{130}Te(^{35}Cl, 5n), E=170 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{160}Tm deduced high-spin levels, J, π, configurations. Euroball array. JOUR PRVCA 72 057303

A=160 *(continued)*

^{160}Yb	2005BA88	NUCLEAR REACTIONS ^{208}Pb(p, γ), E=11.9 MeV; measured Eγ, Iγ. ^{147}Sm(^{16}O, 3n), E=73 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{160}Yb deduced high-spin levels, J, π. Afrodite array. JOUR JPGPE 31 S1747

A=161

^{161}Yb	2005DU23	NUCLEAR REACTIONS Ge(^{18}O, X)^{83m}Sr / ^{83}Y / ^{84m}Y / ^{88m}Y / ^{85}Zr / ^{87}Zr, E=82.8 GeV; ^{84}Se(^{18}O, X)^{86m}Y / ^{85}Zr / ^{87}Nb / ^{87m}Nb / ^{88}Nb / ^{88}Mo, E=82.7 MeV; ^{124}Sn(^{50}Ti, X)^{168m}Lu / ^{167}Hf / ^{168}Hf, E=223.7 MeV; ^{116}Sn(^{50}Ti, X)^{162}Tm / ^{161}Yb / ^{162}Yb / ^{163}Yb / ^{162}Lu / ^{162}Hf, E=224.4 MeV; measured delayed Eγ, Iγ following residual nucleus decay. Physical preseparation technique. JOUR NIMAE 551 528
^{161}Ta	2005SC22	RADIOACTIVITY ^{167,167m,169,169m}Ir, ^{165,165m}Re, ^{161}Ta(α) [from ^{92}Mo(^{78}Kr, 2np) and ^{112}Sn(^{58}Ni, p) and subsequent decay]; measured Eα, Eγ, $\alpha\gamma$-coin, $T_{1/2}$; deduced spectroscopic factors. ^{167,167m}Ir(p) [from ^{112}Sn(^{58}Ni, 2np)]; measured Ep, $T_{1/2}$; deduced spectroscopic factors. Jurogam array, mass separator. JOUR JPGPE 31 S1719

A=162

^{162}Gd	2005JO24	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{162,164}Gd deduced levels, J, π. Gammasphere array, level systematics in neighboring nuclides discussed. JOUR ZAANE 25 s01 467
^{162}Dy	2005ME19	NUCLEAR REACTIONS ^{160}Gd, ^{164}Dy, ^{170}Er, ^{178}Hf, ^{186}W, ^{192}Os(p, t), E=25 MeV; measured triton spectra, $\sigma(\theta)$. ^{158}Gd, ^{162}Dy, ^{168}Er, ^{176}Hf, ^{184}W, ^{190}Os deduced 0^+ level energies. JOUR JPGPE 31 S1399
^{162}Tm	2005DU23	NUCLEAR REACTIONS Ge(^{18}O, X)^{83m}Sr / ^{83}Y / ^{84m}Y / ^{88m}Y / ^{85}Zr / ^{87}Zr, E=82.8 GeV; ^{84}Se(^{18}O, X)^{86m}Y / ^{85}Zr / ^{87}Nb / ^{87m}Nb / ^{88}Nb / ^{88}Mo, E=82.7 MeV; ^{124}Sn(^{50}Ti, X)^{168m}Lu / ^{167}Hf / ^{168}Hf, E=223.7 MeV; ^{116}Sn(^{50}Ti, X)^{162}Tm / ^{161}Yb / ^{162}Yb / ^{163}Yb / ^{162}Lu / ^{162}Hf, E=224.4 MeV; measured delayed Eγ, Iγ following residual nucleus decay. Physical preseparation technique. JOUR NIMAE 551 528
^{162}Yb	2005DU23	NUCLEAR REACTIONS Ge(^{18}O, X)^{83m}Sr / ^{83}Y / ^{84m}Y / ^{88m}Y / ^{85}Zr / ^{87}Zr, E=82.8 GeV; ^{84}Se(^{18}O, X)^{86m}Y / ^{85}Zr / ^{87}Nb / ^{87m}Nb / ^{88}Nb / ^{88}Mo, E=82.7 MeV; ^{124}Sn(^{50}Ti, X)^{168m}Lu / ^{167}Hf / ^{168}Hf, E=223.7 MeV; ^{116}Sn(^{50}Ti, X)^{162}Tm / ^{161}Yb / ^{162}Yb / ^{163}Yb / ^{162}Lu / ^{162}Hf, E=224.4 MeV; measured delayed Eγ, Iγ following residual nucleus decay. Physical preseparation technique. JOUR NIMAE 551 528

A=162 *(continued)*

^{162}Lu	2005DU23	NUCLEAR REACTIONS Ge(^{18}O, X)^{83m}Sr / ^{83}Y / ^{84m}Y / ^{88m}Y / ^{85}Zr / ^{87}Zr, E=82.8 GeV; ^{84}Se(^{18}O, X)^{86m}Y / ^{85}Zr / ^{87}Nb / ^{87m}Nb / ^{88}Nb / ^{88}Mo, E=82.7 MeV; ^{124}Sn(^{50}Ti, X)^{168m}Lu / ^{167}Hf / ^{168}Hf, E=223.7 MeV; ^{116}Sn(^{50}Ti, X)^{162}Tm / ^{161}Yb / ^{162}Yb / ^{163}Yb / ^{162}Lu / ^{162}Hf, E=224.4 MeV; measured delayed Eγ, Iγ following residual nucleus decay. Physical preseparation technique. JOUR NIMAE 551 528
^{162}Hf	2005DU23	NUCLEAR REACTIONS Ge(^{18}O, X)^{83m}Sr / ^{83}Y / ^{84m}Y / ^{88m}Y / ^{85}Zr / ^{87}Zr, E=82.8 GeV; ^{84}Se(^{18}O, X)^{86m}Y / ^{85}Zr / ^{87}Nb / ^{87m}Nb / ^{88}Nb / ^{88}Mo, E=82.7 MeV; ^{124}Sn(^{50}Ti, X)^{168m}Lu / ^{167}Hf / ^{168}Hf, E=223.7 MeV; ^{116}Sn(^{50}Ti, X)^{162}Tm / ^{161}Yb / ^{162}Yb / ^{163}Yb / ^{162}Lu / ^{162}Hf, E=224.4 MeV; measured delayed Eγ, Iγ following residual nucleus decay. Physical preseparation technique. JOUR NIMAE 551 528

A=163

^{163}Dy	2005RI17	NUCLEAR REACTIONS ^{92}Mo(^{54}Fe, xnypzα), E=245 MeV; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{142}Tb, ^{163}Dy deduced transitions. ^{143}Dy deduced isomeric state $T_{1/2}$. Jurogam array. JOUR JPGPE 31 S1949
^{163}Er	2005LE35	NUCLEAR REACTIONS ^{150}Nd(^{18}O, 5n), E=87, 93 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{163}Er deduced quasi-continuum high-spin spectra, rotational bands excitation energy, compound and rotational damping widths vs K-quantum number, order-to-chaos transition features. Euroball array, comparison with model predictions. JOUR PRVCA 72 034307
^{163}Yb	2005DU23	NUCLEAR REACTIONS Ge(^{18}O, X)^{83m}Sr / ^{83}Y / ^{84m}Y / ^{88m}Y / ^{85}Zr / ^{87}Zr, E=82.8 GeV; ^{84}Se(^{18}O, X)^{86m}Y / ^{85}Zr / ^{87}Nb / ^{87m}Nb / ^{88}Nb / ^{88}Mo, E=82.7 MeV; ^{124}Sn(^{50}Ti, X)^{168m}Lu / ^{167}Hf / ^{168}Hf, E=223.7 MeV; ^{116}Sn(^{50}Ti, X)^{162}Tm / ^{161}Yb / ^{162}Yb / ^{163}Yb / ^{162}Lu / ^{162}Hf, E=224.4 MeV; measured delayed Eγ, Iγ following residual nucleus decay. Physical preseparation technique. JOUR NIMAE 551 528
^{163}Re	2005SC22	RADIOACTIVITY ^{167,167m,169,169m}Ir, ^{165,165m}Re, ^{161}Ta(α) [from ^{92}Mo(^{78}Kr, 2np) and ^{112}Sn(^{58}Ni, p) and subsequent decay]; measured Eα, Eγ, $\alpha\gamma$-coin, $T_{1/2}$; deduced spectroscopic factors. ^{167,167m}Ir(p) [from ^{112}Sn(^{58}Ni, 2np)]; measured Ep, $T_{1/2}$; deduced spectroscopic factors. Jurogam array, mass separator. JOUR JPGPE 31 S1719

A=164

^{164}Gd	2005JO24	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{162,164}Gd deduced levels, J, π. Gammasphere array, level systematics in neighboring nuclides discussed. JOUR ZAANE 25 s01 467

A=165

^{165}Er	2004BE58	NUCLEAR REACTIONS ^{165}Ho(p, n), E ≈ 8-18 MeV; measured excitation function; deduced thick-target yield. Activation technique. JOUR RAACA 92 219
^{165}Re	2005SC22	RADIOACTIVITY ^{167,167m,169,169m}Ir, ^{165,165m}Re, ^{161}Ta(α) [from ^{92}Mo(^{78}Kr, 2np) and ^{112}Sn(^{58}Ni, p) and subsequent decay]; measured Eα, Eγ, $\alpha\gamma$-coin, $T_{1/2}$; deduced spectroscopic factors. ^{167,167m}Ir(p) [from ^{112}Sn(^{58}Ni, 2np)]; measured Ep, $T_{1/2}$; deduced spectroscopic factors. Jurogam array, mass separator. JOUR JPGPE 31 S1719

A=166

^{166}Er	2005BU37	NUCLEAR REACTIONS ^{164}Dy(^{7}Li, xnyp), E=55 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-coin. ^{167}Tm deduced high-spin levels, J, π, configurations. ^{166}Er deduced rotational band features. GASP, ISIS arrays. JOUR JPGPE 31 S1827
^{166}Os	2005SC22	RADIOACTIVITY ^{167,167m,169,169m}Ir, ^{165,165m}Re, ^{161}Ta(α) [from ^{92}Mo(^{78}Kr, 2np) and ^{112}Sn(^{58}Ni, p) and subsequent decay]; measured Eα, Eγ, $\alpha\gamma$-coin, $T_{1/2}$; deduced spectroscopic factors. ^{167,167m}Ir(p) [from ^{112}Sn(^{58}Ni, 2np)]; measured Ep, $T_{1/2}$; deduced spectroscopic factors. Jurogam array, mass separator. JOUR JPGPE 31 S1719

A=167

^{167}Tm	2005BU37	NUCLEAR REACTIONS ^{164}Dy(^{7}Li, xnyp), E=55 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-coin. ^{167}Tm deduced high-spin levels, J, π, configurations. ^{166}Er deduced rotational band features. GASP, ISIS arrays. JOUR JPGPE 31 S1827
^{167}Lu	2005GU28	NUCLEAR REACTIONS ^{123}Sb(^{48}Ca, 4n), E=203 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, DSA. ^{167}Lu deduced triaxial superdeformed band transition quadrupole moment. Gammasphere array. JOUR JPGPE 31 S1873
^{167}Hf	2005DU23	NUCLEAR REACTIONS Ge(^{18}O, X)^{83m}Sr / ^{83}Y / ^{84m}Y / ^{88m}Y / ^{85}Zr / ^{87}Zr, E=82.8 GeV; ^{84}Se(^{18}O, X)^{86m}Y / ^{85}Zr / ^{87}Nb / ^{87m}Nb / ^{88}Nb / ^{88}Mo, E=82.7 MeV; ^{124}Sn(^{50}Ti, X)^{168m}Lu / ^{167}Hf / ^{168}Hf, E=223.7 MeV; ^{116}Sn(^{50}Ti, X)^{162}Tm / ^{161}Yb / ^{162}Yb / ^{163}Yb / ^{162}Lu / ^{162}Hf, E=224.4 MeV; measured delayed Eγ, Iγ following residual nucleus decay. Physical preseparation technique. JOUR NIMAE 551 528
^{167}Ir	2005SC22	NUCLEAR REACTIONS ^{92}Mo(^{78}Kr, 2np), E=360 MeV; ^{112}Sn(^{58}Ni, p), E=266 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{167,169}Ir deduced transitions. Recoil-decay tagging, Jurogam array. JOUR JPGPE 31 S1719
	2005SC22	RADIOACTIVITY ^{167,167m,169,169m}Ir, ^{165,165m}Re, ^{161}Ta(α) [from ^{92}Mo(^{78}Kr, 2np) and ^{112}Sn(^{58}Ni, p) and subsequent decay]; measured Eα, Eγ, $\alpha\gamma$-coin, $T_{1/2}$; deduced spectroscopic factors. ^{167,167m}Ir(p) [from ^{112}Sn(^{58}Ni, 2np)]; measured Ep, $T_{1/2}$; deduced spectroscopic factors. Jurogam array, mass separator. JOUR JPGPE 31 S1719

A=168

^{168}Er	2005BUZZ	NUCLEAR REACTIONS ^{170}Er(p, t), E=25.0 MeV; measured Eγ, Iγ, $\sigma(\theta)$. ^{168}Er deduced 0^+ states energies. REPT MLL 2004 Annual,P16,Bucurescu
	2005ME19	NUCLEAR REACTIONS ^{160}Gd, ^{164}Dy, ^{170}Er, ^{178}Hf, ^{186}W, ^{192}Os(p, t), E=25 MeV; measured triton spectra, $\sigma(\theta)$. ^{158}Gd, ^{162}Dy, ^{168}Er, ^{176}Hf, ^{184}W, ^{190}Os deduced 0^+ level energies. JOUR JPGPE 31 S1399
^{168}Lu	2005DU23	NUCLEAR REACTIONS Ge(^{18}O, X)^{83m}Sr / ^{83}Y / ^{84m}Y / ^{88m}Y / ^{85}Zr / ^{87}Zr, E=82.8 GeV; ^{84}Se(^{18}O, X)^{86m}Y / ^{85}Zr / ^{87}Nb / ^{87m}Nb / ^{88}Nb / ^{88}Mo, E=82.7 MeV; ^{124}Sn(^{50}Ti, X)^{168m}Lu / ^{167}Hf / ^{168}Hf, E=223.7 MeV; ^{116}Sn(^{50}Ti, X)^{162}Tm / ^{161}Yb / ^{162}Yb / ^{163}Yb / ^{162}Lu / ^{162}Hf, E=224.4 MeV; measured delayed Eγ, Iγ following residual nucleus decay. Physical preseparation technique. JOUR NIMAE 551 528
^{168}Hf	2005DU23	NUCLEAR REACTIONS Ge(^{18}O, X)^{83m}Sr / ^{83}Y / ^{84m}Y / ^{88m}Y / ^{85}Zr / ^{87}Zr, E=82.8 GeV; ^{84}Se(^{18}O, X)^{86m}Y / ^{85}Zr / ^{87}Nb / ^{87m}Nb / ^{88}Nb / ^{88}Mo, E=82.7 MeV; ^{124}Sn(^{50}Ti, X)^{168m}Lu / ^{167}Hf / ^{168}Hf, E=223.7 MeV; ^{116}Sn(^{50}Ti, X)^{162}Tm / ^{161}Yb / ^{162}Yb / ^{163}Yb / ^{162}Lu / ^{162}Hf, E=224.4 MeV; measured delayed Eγ, Iγ following residual nucleus decay. Physical preseparation technique. JOUR NIMAE 551 528

A=169

^{169}Ir	2005SC22	NUCLEAR REACTIONS ^{92}Mo(^{78}Kr, 2np), E=360 MeV; ^{112}Sn(^{58}Ni, p), E=266 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{167,169}Ir deduced transitions. Recoil-decay tagging, Jurogam array. JOUR JPGPE 31 S1719
	2005SC22	RADIOACTIVITY ^{167,167m,169,169m}Ir, ^{165,165m}Re, ^{161}Ta(α) [from ^{92}Mo(^{78}Kr, 2np) and ^{112}Sn(^{58}Ni, p) and subsequent decay]; measured Eα, Eγ, $\alpha\gamma$-coin, $T_{1/2}$; deduced spectroscopic factors. ^{167,167m}Ir(p) [from ^{112}Sn(^{58}Ni, 2np)]; measured Ep, $T_{1/2}$; deduced spectroscopic factors. Jurogam array, mass separator. JOUR JPGPE 31 S1719
^{169}Pt	2005JO18	NUCLEAR REACTIONS Sn(^{58}Ni, xn)^{169}Pt / ^{170}Pt / ^{171}Pt / ^{172}Pt / ^{173}Pt, E=266 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{169,170,171,172,173}Pt deduced levels, J, π. Recoil-decay tagging. JOUR JPGPE 31 S1715

A=170

^{170}Pt	2005JO18	NUCLEAR REACTIONS Sn(^{58}Ni, xn)^{169}Pt / ^{170}Pt / ^{171}Pt / ^{172}Pt / ^{173}Pt, E=266 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{169,170,171,172,173}Pt deduced levels, J, π. Recoil-decay tagging. JOUR JPGPE 31 S1715

A=171

^{171}Yb	2005AG15	NUCLEAR REACTIONS ^{57}Fe, ^{171}Yb(^{3}He, ^{3}He'), E=38-45 MeV; ^{117}Sn, ^{172}Yb(^{3}He, α), E=38-45 MeV; measured Eγ, Iγ, (particle)γ-coin; deduced radiative strength functions. JOUR NIMBE 241 180
^{171}Pt	2005JO18	NUCLEAR REACTIONS Sn(^{58}Ni, xn)^{169}Pt / ^{170}Pt / ^{171}Pt / ^{172}Pt / ^{173}Pt, E=266 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{169,170,171,172,173}Pt deduced levels, J, π. Recoil-decay tagging. JOUR JPGPE 31 S1715

A=172

^{172}Yb	2005VE07	NUCLEAR REACTIONS ^{170}Er(^{7}Li, 3np), (^{7}Li, 4np), (^{7}Li, 3nd), (^{7}Li, 2nt), E=51 MeV; measured Eγ, Iγ, (charged particle)γ-coin. ^{172,173}Yb deduced high-spin levels, J, π, configurations, absence of a static pair field. GASP, ISIS arrays. JOUR ZAANE 26 19
^{172}Hf	2005KA52	NUCLEAR REACTIONS ^{177}Hf(n, γ), E=thermal, resonance; ^{178}Hf(n, n'γ), E > 3 MeV; measured isomer production σ. Ta, W, ^{186}W, Re(p, X)^{179m}Hf / ^{178m}Hf / ^{177m}Lu / ^{178}W / ^{175}Hf / ^{172}Hf / ^{173}Lu, E=650 MeV; analyzed yields, isomer ratios. ^{176}Yb(α, 2n), E < 36 MeV; measured isomer yield. Other reactions discussed. JOUR YAFIA 68 1827
^{172}Pt	2005JO18	NUCLEAR REACTIONS Sn(^{58}Ni, xn)^{169}Pt / ^{170}Pt / ^{171}Pt / ^{172}Pt / ^{173}Pt, E=266 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{169,170,171,172,173}Pt deduced levels, J, π. Recoil-decay tagging. JOUR JPGPE 31 S1715

A=173

^{173}Yb	2005TE04	NUCLEAR REACTIONS ^{172,173}Yb(n, γ), E=resonance; measured Eγ, Iγ, capture yields. ^{173}Yb deduced resonance energies, J, π. ^{173,174}Yb deduced levels, J, π. JOUR NUPAB 763 31
	2005VE07	NUCLEAR REACTIONS ^{170}Er(^{7}Li, 3np), (^{7}Li, 4np), (^{7}Li, 3nd), (^{7}Li, 2nt), E=51 MeV; measured Eγ, Iγ, (charged particle)γ-coin. ^{172,173}Yb deduced high-spin levels, J, π, configurations, absence of a static pair field. GASP, ISIS arrays. JOUR ZAANE 26 19
^{173}Lu	2005KA52	NUCLEAR REACTIONS ^{177}Hf(n, γ), E=thermal, resonance; ^{178}Hf(n, n'γ), E > 3 MeV; measured isomer production σ. Ta, W, ^{186}W, Re(p, X)^{179m}Hf / ^{178m}Hf / ^{177m}Lu / ^{178}W / ^{175}Hf / ^{172}Hf / ^{173}Lu, E=650 MeV; analyzed yields, isomer ratios. ^{176}Yb(α, 2n), E < 36 MeV; measured isomer yield. Other reactions discussed. JOUR YAFIA 68 1827
^{173}Ir	2005CA43	NUCLEAR REACTIONS ^{92}Mo(^{84}Sr, n2p), (^{84}Sr, 3p), (^{84}Sr, 2np), ^{104}Ru(^{84}Kr, 2np), ^{90}Zr(^{90}Zr, n), (^{90}Zr, p), E not given; ^{92}Mo(^{90}Zr, n), (^{90}Zr, p), E=385 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{179}Hg deduced high-spin levels, J, π. Gammasphere array, fragment separator. JOUR JPGPE 31 S1599

A=173 *(continued)*

^{173}Pt	2005CA43	NUCLEAR REACTIONS ^{92}Mo(^{84}Sr, n2p), (^{84}Sr, 3p), (^{84}Sr, 2np), ^{104}Ru(^{84}Kr, 2np), ^{90}Zr(^{90}Zr, n), (^{90}Zr, p), E not given; ^{92}Mo(^{90}Zr, n), (^{90}Zr, p), E=385 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{179}Hg deduced high-spin levels, J, π. Gammasphere array, fragment separator. JOUR JPGPE 31 S1599
	2005JO18	NUCLEAR REACTIONS Sn(^{58}Ni, xn)^{169}Pt / ^{170}Pt / ^{171}Pt / ^{172}Pt / ^{173}Pt, E=266 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{169,170,171,172,173}Pt deduced levels, J, π. Recoil-decay tagging. JOUR JPGPE 31 S1715
^{173}Au	2005CA43	NUCLEAR REACTIONS ^{92}Mo(^{84}Sr, n2p), (^{84}Sr, 3p), (^{84}Sr, 2np), ^{104}Ru(^{84}Kr, 2np), ^{90}Zr(^{90}Zr, n), (^{90}Zr, p), E not given; ^{92}Mo(^{90}Zr, n), (^{90}Zr, p), E=385 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{179}Hg deduced high-spin levels, J, π. Gammasphere array, fragment separator. JOUR JPGPE 31 S1599

A=174

^{174}Tm	2005CH67	RADIOACTIVITY ^{174}Tm(IT) [from Ta(p, X), E=500 MeV]; measured Eγ, Iγ, $\gamma\gamma$-coin following decay of mass-separated sources; deduced $T_{1/2}$. Discussed K-hindrance and Nilsson configuration of new level. JOUR ZAANE 25 s01 125
^{174}Yb	2005TE04	NUCLEAR REACTIONS ^{172,173}Yb(n, γ), E=resonance; measured Eγ, Iγ, capture yields. ^{173}Yb deduced resonance energies, J, π. ^{173,174}Yb deduced levels, J, π. JOUR NUPAB 763 31
^{174}Re	2005ZH32	NUCLEAR REACTIONS ^{152}Sm(^{27}Al, 5n), E=125, 132, 140 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin; deduced excitation functions. ^{174}Re deduced high-spin levels, J, π, configurations, signature inversion. Level systematics in neighboring nuclides discussed. JOUR CPLEE 22 2788

A=175

^{175}Yb	2005NC01	NUCLEAR REACTIONS ^{176}Yb(^{136}Xe, X)^{175}Yb / ^{176}Yb / ^{177}Yb, E=750 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{175,176,177}Yb deduced high-spin levels, J, π, configurations, gK-gR. Afrodite array. JOUR ZAANE 26 265
^{175}Hf	2005KA52	NUCLEAR REACTIONS ^{177}Hf(n, γ), E=thermal, resonance; ^{178}Hf(n, n'γ), E > 3 MeV; measured isomer production σ. Ta, W, ^{186}W, Re(p, X)^{179m}Hf / ^{178m}Hf / ^{177m}Lu / ^{178}W / ^{175}Hf / ^{172}Hf / ^{173}Lu, E=650 MeV; analyzed yields, isomer ratios. ^{176}Yb(α, 2n), E < 36 MeV; measured isomer yield. Other reactions discussed. JOUR YAFIA 68 1827

A=176

^{176}Yb	2005BI25	NUCLEAR MOMENTS ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99,100,101,102}Zr; measured charge radii. ^{176}Yb; measured isomer shift. Ion-beam cooler, laser spectroscopy. JOUR ZAANE 25 s01 187
	2005NC01	NUCLEAR REACTIONS ^{176}Yb(^{136}Xe, X)^{175}Yb / ^{176}Yb / ^{177}Yb, E=750 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{175,176,177}Yb deduced high-spin levels, J, π, configurations, gK-gR. Afrodite array. JOUR ZAANE 26 265
^{176}Hf	2005ME19	NUCLEAR REACTIONS ^{160}Gd, ^{164}Dy, ^{170}Er, ^{178}Hf, ^{186}W, ^{192}Os(p, t), E=25 MeV; measured triton spectra, $\sigma(\theta)$. ^{158}Gd, ^{162}Dy, ^{168}Er, ^{176}Hf, ^{184}W, ^{190}Os deduced 0^+ level energies. JOUR JPGPE 31 S1399
^{176}Os	2005DE48	NUCLEAR REACTIONS ^{164,166,168}Er(^{16}O, 4n), E=80 MeV; measured prompt and delayed Eγ, Iγ. ^{154}Sm(^{29}Si, 5n), E=158 MeV; measured Doppler-shifted Eγ, Iγ, $\gamma\gamma$-coin. ^{176,178,180}Os deduced levels $T_{1/2}$, transition quadrupole moments, symmetry features. Electronic timing and recoil distance techniques, GASP array, interacting boson model and general collective model predictions. JOUR JPGPE 31 S1427
	2005MO33	NUCLEAR REACTIONS ^{164,166,168}Er(^{16}O, 4n), E=80 MeV; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin. ^{166}Er(^{16}O, 4n), E=80 MeV; measured Doppler-shifted Eγ, Iγ, $\gamma\gamma$-coin. ^{176,178,180}Os deduced levels, J, π, $T_{1/2}$, B(E2). Pulsed-beam and recoil-distance techniques. JOUR PRVCA 72 034306

A=177

^{177}Yb	2005NC01	NUCLEAR REACTIONS ^{176}Yb(^{136}Xe, X)^{175}Yb / ^{176}Yb / ^{177}Yb, E=750 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{175,176,177}Yb deduced high-spin levels, J, π, configurations, gK-gR. Afrodite array. JOUR ZAANE 26 265
^{177}Lu	2005KA52	NUCLEAR REACTIONS ^{177}Hf(n, γ), E=thermal, resonance; ^{178}Hf(n, n'γ), E > 3 MeV; measured isomer production σ. Ta, W, ^{186}W, Re(p, X)^{179m}Hf / ^{178m}Hf / ^{177m}Lu / ^{178}W / ^{175}Hf / ^{172}Hf / ^{173}Lu, E=650 MeV; analyzed yields, isomer ratios. ^{176}Yb(α, 2n), E < 36 MeV; measured isomer yield. Other reactions discussed. JOUR YAFIA 68 1827

A=178

^{178}Hf	2005KA52	NUCLEAR REACTIONS ^{177}Hf(n, γ), E=thermal, resonance; ^{178}Hf(n, n'γ), E > 3 MeV; measured isomer production σ. Ta, W, ^{186}W, Re(p, X)^{179m}Hf / ^{178m}Hf / ^{177m}Lu / ^{178}W / ^{175}Hf / ^{172}Hf / ^{173}Lu, E=650 MeV; analyzed yields, isomer ratios. ^{176}Yb(α, 2n), E < 36 MeV; measured isomer yield. Other reactions discussed. JOUR YAFIA 68 1827

A=178 *(continued)*

^{178}W	2005KA52	NUCLEAR REACTIONS ^{177}Hf(n, γ), E=thermal, resonance; ^{178}Hf(n, n'γ), E > 3 MeV; measured isomer production σ. Ta, W, ^{186}W, Re(p, X)^{179m}Hf / ^{178m}Hf / ^{177m}Lu / ^{178}W / ^{175}Hf / ^{172}Hf / ^{173}Lu, E=650 MeV; analyzed yields, isomer ratios. ^{176}Yb(α, 2n), E < 36 MeV; measured isomer yield. Other reactions discussed. JOUR YAFIA 68 1827
^{178}Os	2005DE48	NUCLEAR REACTIONS ^{164,166,168}Er(^{16}O, 4n), E=80 MeV; measured prompt and delayed Eγ, Iγ. ^{154}Sm(^{29}Si, 5n), E=158 MeV; measured Doppler-shifted Eγ, Iγ, $\gamma\gamma$-coin. ^{176,178,180}Os deduced levels $T_{1/2}$, transition quadrupole moments, symmetry features. Electronic timing and recoil distance techniques, GASP array, interacting boson model and general collective model predictions. JOUR JPGPE 31 S1427
	2005MO33	NUCLEAR REACTIONS ^{164,166,168}Er(^{16}O, 4n), E=80 MeV; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin. ^{166}Er(^{16}O, 4n), E=80 MeV; measured Doppler-shifted Eγ, Iγ, $\gamma\gamma$-coin. ^{176,178,180}Os deduced levels, J, π, $T_{1/2}$, B(E2). Pulsed-beam and recoil-distance techniques. JOUR PRVCA 72 034306

A=179

^{179}Hf	2005KA52	NUCLEAR REACTIONS ^{177}Hf(n, γ), E=thermal, resonance; ^{178}Hf(n, n'γ), E > 3 MeV; measured isomer production σ. Ta, W, ^{186}W, Re(p, X)^{179m}Hf / ^{178m}Hf / ^{177m}Lu / ^{178}W / ^{175}Hf / ^{172}Hf / ^{173}Lu, E=650 MeV; analyzed yields, isomer ratios. ^{176}Yb(α, 2n), E < 36 MeV; measured isomer yield. Other reactions discussed. JOUR YAFIA 68 1827
^{179}Au	2005CA43	NUCLEAR REACTIONS ^{92}Mo(^{84}Sr, n2p), (^{84}Sr, 3p), (^{84}Sr, 2np), ^{104}Ru(^{84}Kr, 2np), ^{90}Zr(^{90}Zr, n), (^{90}Zr, p), E not given; ^{92}Mo(^{90}Zr, n), (^{90}Zr, p), E=385 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{179}Hg deduced high-spin levels, J, π. Gammasphere array, fragment separator. JOUR JPGPE 31 S1599
^{179}Hg	2005CA43	NUCLEAR REACTIONS ^{92}Mo(^{84}Sr, n2p), (^{84}Sr, 3p), (^{84}Sr, 2np), ^{104}Ru(^{84}Kr, 2np), ^{90}Zr(^{90}Zr, n), (^{90}Zr, p), E not given; ^{92}Mo(^{90}Zr, n), (^{90}Zr, p), E=385 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{179}Hg deduced high-spin levels, J, π. Gammasphere array, fragment separator. JOUR JPGPE 31 S1599

A=180

^{180}Re	2005EL10	NUCLEAR REACTIONS ^{174}Yb(^{11}B, 5n), E=71 MeV; measured Eγ, Iγ, E(ce), I(ce), $\gamma\gamma$-, (ce)γ-coin. ^{180}Re deduced high-spin levels, J, π, ICC, configurations, K-forbidden transitions. Potential energy surface calculations. JOUR PRVCA 72 054306

A=180 *(continued)*

^{180}Os	2005DE48	NUCLEAR REACTIONS ^{164,166,168}Er(^{16}O, 4n), E=80 MeV; measured prompt and delayed Eγ, Iγ. ^{154}Sm(^{29}Si, 5n), E=158 MeV; measured Doppler-shifted Eγ, Iγ, $\gamma\gamma$-coin. ^{176,178,180}Os deduced levels $T_{1/2}$, transition quadrupole moments, symmetry features. Electronic timing and recoil distance techniques, GASP array, interacting boson model and general collective model predictions. JOUR JPGPE 31 S1427
	2005MO33	NUCLEAR REACTIONS ^{164,166,168}Er(^{16}O, 4n), E=80 MeV; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin. ^{166}Er(^{16}O, 4n), E=80 MeV; measured Doppler-shifted Eγ, Iγ, $\gamma\gamma$-coin. ^{176,178,180}Os deduced levels, J, π, $T_{1/2}$, B(E2). Pulsed-beam and recoil-distance techniques. JOUR PRVCA 72 034306

A=181

^{181}Os	2005CU05	NUCLEAR REACTIONS ^{150}Nd(^{36}S, 3n), (^{36}S, 5n), E not given; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin. ^{181,183}Os deduced levels, J, π, configurations. Comparison with tilted axis cranking model predictions. JOUR JPGPE 31 S1709
^{181}Tl	2005CA43	NUCLEAR REACTIONS ^{92}Mo(^{84}Sr, n2p), (^{84}Sr, 3p), (^{84}Sr, 2np), ^{104}Ru(^{84}Kr, 2np), ^{90}Zr(^{90}Zr, n), (^{90}Zr, p), E not given; ^{92}Mo(^{90}Zr, n), (^{90}Zr, p), E=385 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{179}Hg deduced high-spin levels, J, π. Gammasphere array, fragment separator. JOUR JPGPE 31 S1599
^{181}Pb	2005CA43	NUCLEAR REACTIONS ^{92}Mo(^{84}Sr, n2p), (^{84}Sr, 3p), (^{84}Sr, 2np), ^{104}Ru(^{84}Kr, 2np), ^{90}Zr(^{90}Zr, n), (^{90}Zr, p), E not given; ^{92}Mo(^{90}Zr, n), (^{90}Zr, p), E=385 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{179}Hg deduced high-spin levels, J, π. Gammasphere array, fragment separator. JOUR JPGPE 31 S1599

A=182

No references found

A=183

^{183}Re	2005CL07	NUCLEAR REACTIONS ^{184}W(^{7}Li, xn), (^{7}Li, xnp), (^{7}Li, xnα), E=35-70 MeV; calculated σ. ^{184}W(^{7}Li, X)^{184}Os / ^{185}Os / ^{186}Os / ^{188}Os / ^{184}Ir / ^{185}Ir / ^{186}Ir / ^{183}Re / ^{185}Re, E=40-70 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-coin, particle yield ratios. ^{160}Gd(^{7}Li, xnp), E=35-65 MeV; analyzed σ. Liberace, Stars arrays. JOUR PRVCA 72 054605
^{183}Os	2005CU05	NUCLEAR REACTIONS ^{150}Nd(^{36}S, 3n), (^{36}S, 5n), E not given; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin. ^{181,183}Os deduced levels, J, π, configurations. Comparison with tilted axis cranking model predictions. JOUR JPGPE 31 S1709

A=184

^{184}W	2004LO22	NUCLEAR REACTIONS ^{183}W(n, γ), E=thermal; measured Eγ, Iγ. ^{184}W deduced levels, J, π, neutron binding energy. JOUR BRSPE 68 1292
	2005ME19	NUCLEAR REACTIONS ^{160}Gd, ^{164}Dy, ^{170}Er, ^{178}Hf, ^{186}W, ^{192}Os(p, t), E=25 MeV; measured triton spectra, $\sigma(\theta)$. ^{158}Gd, ^{162}Dy, ^{168}Er, ^{176}Hf, ^{184}W, ^{190}Os deduced 0^+ level energies. JOUR JPGPE 31 S1399
^{184}Re	2005WH04	NUCLEAR REACTIONS ^{180}Hf(^{7}Li, 3n), E = 30 MeV; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin, DCO ratios. ^{184}Re deduced levels, J, π, $T_{1/2}$, gK - gR, configurations, rotational bands. Comparison with Nilsson-type blocked BCS calculations. JOUR NUPAB 763 1
^{184}Os	2005CL07	NUCLEAR REACTIONS ^{184}W(^{7}Li, xn), (^{7}Li, xnp), (^{7}Li, xnα), E=35-70 MeV; calculated σ. ^{184}W(^{7}Li, X)^{184}Os / ^{185}Os / ^{186}Os / ^{188}Os / ^{184}Ir / ^{185}Ir / ^{186}Ir / ^{183}Re / ^{185}Re, E=40-70 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-coin, particle yield ratios. ^{160}Gd(^{7}Li, xnp), E=35-65 MeV; analyzed σ. Liberace, Stars arrays. JOUR PRVCA 72 054605
^{184}Ir	2005CL07	NUCLEAR REACTIONS ^{184}W(^{7}Li, xn), (^{7}Li, xnp), (^{7}Li, xnα), E=35-70 MeV; calculated σ. ^{184}W(^{7}Li, X)^{184}Os / ^{185}Os / ^{186}Os / ^{188}Os / ^{184}Ir / ^{185}Ir / ^{186}Ir / ^{183}Re / ^{185}Re, E=40-70 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-coin, particle yield ratios. ^{160}Gd(^{7}Li, xnp), E=35-65 MeV; analyzed σ. Liberace, Stars arrays. JOUR PRVCA 72 054605
^{184}Au	2005ZH30	NUCLEAR REACTIONS ^{159}Tb(^{29}Si, 4n), E=140 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{184}Au deduced high-spin levels, J, π, configurations, signature inversion. GASP array. JOUR JPGPE 31 S1545
^{184}Pb	2005UU03	RADIOACTIVITY ^{188,190,192,194,196,198,200,202,204}Po, ^{191,193,195,197,199}At, ^{196,198,200,202,204,206}Rn, ^{199,201,203,205,207}Fr(α); measured reduced widths using gas filled recoil separator; deduced hindrance factors, proton intruder states and deformation effects. JOUR ZAANE 25 s01 179

A=185

^{185}W	2005BO47	NUCLEAR REACTIONS ^{184}W(n, γ), E=thermal; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin. ^{184}W(polarized d, p), E=18, 21 MeV; ^{186}W(polarized d, t), E=22 MeV; measured particle spectra, $\sigma(\theta)$, asymmetry. ^{185}W deduced levels, J, π, γ-branching ratios, cross sections, binding energy, spectroscopic factors. DWBA analysis, quasiparticle-phonon model calculation. Enriched targets, Ge detectors, Q3D magnetic spectrograph. JOUR NUPAB 762 167
^{185}Re	2005CL07	NUCLEAR REACTIONS ^{184}W(^{7}Li, xn), (^{7}Li, xnp), (^{7}Li, xnα), E=35-70 MeV; calculated σ. ^{184}W(^{7}Li, X)^{184}Os / ^{185}Os / ^{186}Os / ^{188}Os / ^{184}Ir / ^{185}Ir / ^{186}Ir / ^{183}Re / ^{185}Re, E=40-70 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-coin, particle yield ratios. ^{160}Gd(^{7}Li, xnp), E=35-65 MeV; analyzed σ. Liberace, Stars arrays. JOUR PRVCA 72 054605

A=185 *(continued)*

^{185}Os	2005CL07	NUCLEAR REACTIONS ^{184}W(^{7}Li, xn), (^{7}Li, xnp), (^{7}Li, xnα), E=35-70 MeV; calculated σ. ^{184}W(^{7}Li, X)^{184}Os / ^{185}Os / ^{186}Os / ^{188}Os / ^{184}Ir / ^{185}Ir / ^{186}Ir / ^{183}Re / ^{185}Re, E=40-70 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-coin, particle yield ratios. ^{160}Gd(^{7}Li, xnp), E=35-65 MeV; analyzed σ. Liberace, Stars arrays. JOUR PRVCA 72 054605
	2005TA26	NUCLEAR REACTIONS Ir(p, xnyp)^{188}Pt / ^{189}Pt / ^{191}Pt / ^{185}Ir / ^{186}Ir / ^{188}Ir / ^{189}Ir / ^{190}Ir / ^{192}Ir / ^{185}Os, E $\approx$ 3-70 MeV; measured σ; deduced integral yields. Stacked-foil activation technique. JOUR NIMBE 239 293
^{185}Ir	2005CL07	NUCLEAR REACTIONS ^{184}W(^{7}Li, xn), (^{7}Li, xnp), (^{7}Li, xnα), E=35-70 MeV; calculated σ. ^{184}W(^{7}Li, X)^{184}Os / ^{185}Os / ^{186}Os / ^{188}Os / ^{184}Ir / ^{185}Ir / ^{186}Ir / ^{183}Re / ^{185}Re, E=40-70 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-coin, particle yield ratios. ^{160}Gd(^{7}Li, xnp), E=35-65 MeV; analyzed σ. Liberace, Stars arrays. JOUR PRVCA 72 054605
	2005TA26	NUCLEAR REACTIONS Ir(p, xnyp)^{188}Pt / ^{189}Pt / ^{191}Pt / ^{185}Ir / ^{186}Ir / ^{188}Ir / ^{189}Ir / ^{190}Ir / ^{192}Ir / ^{185}Os, E $\approx$ 3-70 MeV; measured σ; deduced integral yields. Stacked-foil activation technique. JOUR NIMBE 239 293
^{185}Au	2005CA43	NUCLEAR REACTIONS ^{92}Mo(^{84}Sr, n2p), (^{84}Sr, 3p), (^{84}Sr, 2np), ^{104}Ru(^{84}Kr, 2np), ^{90}Zr(^{90}Zr, n), (^{90}Zr, p), E not given; ^{92}Mo(^{90}Zr, n), (^{90}Zr, p), E=385 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{179}Hg deduced high-spin levels, J, π. Gammasphere array, fragment separator. JOUR JPGPE 31 S1599
^{185}Bi	2005GEZW	ATOMIC MASSES ^{235}Ac; measured mass, $T_{1/2}$. ^{185,186,187,188,189,190,191,192,193,194,195,196}Bi; measured masses, proton separation energies. ^{207m}Tl; measured $T_{1/2}$. Stored beams, Schottky mass spectrometry. PREPRINT nucl-ex/0510009,10/4/2005

A=186

^{186}Re	2005HA60	NUCLEAR REACTIONS ^{185}Re(n, γ), E=thermal; measured isomer yield ratio. Activation technique, astrophysical implications discussed. JOUR ASJOA 628 533
^{186}Os	2005CL07	NUCLEAR REACTIONS ^{184}W(^{7}Li, xn), (^{7}Li, xnp), (^{7}Li, xnα), E=35-70 MeV; calculated σ. ^{184}W(^{7}Li, X)^{184}Os / ^{185}Os / ^{186}Os / ^{188}Os / ^{184}Ir / ^{185}Ir / ^{186}Ir / ^{183}Re / ^{185}Re, E=40-70 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-coin, particle yield ratios. ^{160}Gd(^{7}Li, xnp), E=35-65 MeV; analyzed σ. Liberace, Stars arrays. JOUR PRVCA 72 054605
^{186}Ir	2005CL07	NUCLEAR REACTIONS ^{184}W(^{7}Li, xn), (^{7}Li, xnp), (^{7}Li, xnα), E=35-70 MeV; calculated σ. ^{184}W(^{7}Li, X)^{184}Os / ^{185}Os / ^{186}Os / ^{188}Os / ^{184}Ir / ^{185}Ir / ^{186}Ir / ^{183}Re / ^{185}Re, E=40-70 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-coin, particle yield ratios. ^{160}Gd(^{7}Li, xnp), E=35-65 MeV; analyzed σ. Liberace, Stars arrays. JOUR PRVCA 72 054605

A=186 *(continued)*

	2005TA26	NUCLEAR REACTIONS Ir(p, xnyp)^{188}Pt / ^{189}Pt / ^{191}Pt / ^{185}Ir / ^{186}Ir / ^{188}Ir / ^{189}Ir / ^{190}Ir / ^{192}Ir / ^{185}Os, E ≈ 3-70 MeV; measured σ; deduced integral yields. Stacked-foil activation technique. JOUR NIMBE 239 293
^{186}Pb	2005PA69	NUCLEAR REACTIONS ^{106}Pd(^{83}Kr, 3n), E=355 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin; deduced production σ. ^{186}Pb deduced levels, J, π, deformation. Jurogam array, recoil-decay tagging. JOUR ZAANE 25 s01 449
	2005UU03	RADIOACTIVITY ^{188,190,192,194,196,198,200,202,204}Po, ^{191,193,195,197,199}At, ^{196,198,200,202,204,206}Rn, ^{199,201,203,205,207}Fr(α); measured reduced widths using gas filled recoil separator; deduced hindrance factors, proton intruder states and deformation effects. JOUR ZAANE 25 s01 179
^{186}Bi	2005GEZW	ATOMIC MASSES ^{235}Ac; measured mass, $T_{1/2}$. ^{185,186,187,188,189,190,191,192,193,194,195,196}Bi; measured masses, proton separation energies. ^{207m}Tl; measured $T_{1/2}$. Stored beams, Schottky mass spectrometry. PREPRINT nucl-ex/0510009,10/4/2005

A=187

^{187}Pb	2005WE11	ATOMIC MASSES ^{187,187m}Pb; measured masses. ^{187}Pb deduced isomeric state energy. Penning trap mass spectrometer. JOUR PYLAA 347 81
^{187}Bi	2005GEZW	ATOMIC MASSES ^{235}Ac; measured mass, $T_{1/2}$. ^{185,186,187,188,189,190,191,192,193,194,195,196}Bi; measured masses, proton separation energies. ^{207m}Tl; measured $T_{1/2}$. Stored beams, Schottky mass spectrometry. PREPRINT nucl-ex/0510009,10/4/2005
	2005KE10	RADIOACTIVITY ^{191,193,195}At(α); measured Eα, Eγ, $\gamma\alpha$-coin. ^{191,193,195}At deduced levels, J, π, configurations, proton separation energies. ^{187,189,191}Bi deduced levels J, π, configurations. Comparison with theory. JOUR ZAANE 25 s01 181
	2005UU03	RADIOACTIVITY ^{188,190,192,194,196,198,200,202,204}Po, ^{191,193,195,197,199}At, ^{196,198,200,202,204,206}Rn, ^{199,201,203,205,207}Fr(α); measured reduced widths using gas filled recoil separator; deduced hindrance factors, proton intruder states and deformation effects. JOUR ZAANE 25 s01 179

A=188

^{188}Os	2004MO54	NUCLEAR REACTIONS ^{192}Os(^{82}Se, X)^{188}Os / ^{190}Os, E=460 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{188,190}Os deduced high-spin levels, J, π. GASP array. JOUR BJPHE 34 792

A=188 *(continued)*

	2005CL07	NUCLEAR REACTIONS ^{184}W(^{7}Li, xn), (^{7}Li, xnp), (^{7}Li, xnα), E=35-70 MeV; calculated σ. ^{184}W(^{7}Li, X)^{184}Os / ^{185}Os / ^{186}Os / ^{188}Os / ^{184}Ir / ^{185}Ir / ^{186}Ir / ^{183}Re / ^{185}Re, E=40-70 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-coin, particle yield ratios. ^{160}Gd(^{7}Li, xnp), E=35-65 MeV; analyzed σ. Liberace, Stars arrays. JOUR PRVCA 72 054605
^{188}Ir	2005TA26	NUCLEAR REACTIONS Ir(p, xnyp)^{188}Pt / ^{189}Pt / ^{191}Pt / ^{185}Ir / ^{186}Ir / ^{188}Ir / ^{189}Ir / ^{190}Ir / ^{192}Ir / ^{185}Os, E $\approx$ 3-70 MeV; measured σ; deduced integral yields. Stacked-foil activation technique. JOUR NIMBE 239 293
^{188}Pt	2005TA26	NUCLEAR REACTIONS Ir(p, xnyp)^{188}Pt / ^{189}Pt / ^{191}Pt / ^{185}Ir / ^{186}Ir / ^{188}Ir / ^{189}Ir / ^{190}Ir / ^{192}Ir / ^{185}Os, E $\approx$ 3-70 MeV; measured σ; deduced integral yields. Stacked-foil activation technique. JOUR NIMBE 239 293
^{188}Pb	2005GR35	NUCLEAR REACTIONS ^{108}Pd(^{83}Kr, 3n), E=340 MeV; measured Doppler-shifted Eγ, Iγ, (recoil)γ-coin. ^{188}Pb levels deduced $T_{1/2}$, B(E2), deformation. Jurogam array, mass separator, recoil-distance technique. JOUR ZAANE 25 s01 441
	2005UU03	RADIOACTIVITY ^{188,190,192,194,196,198,200,202,204}Po, ^{191,193,195,197,199}At, ^{196,198,200,202,204,206}Rn, ^{199,201,203,205,207}Fr(α); measured reduced widths using gas filled recoil separator; deduced hindrance factors, proton intruder states and deformation effects. JOUR ZAANE 25 s01 179
^{188}Bi	2005GEZW	ATOMIC MASSES ^{235}Ac; measured mass, $T_{1/2}$. ^{185,186,187,188,189,190,191,192,193,194,195,196}Bi; measured masses, proton separation energies. ^{207m}Tl; measured $T_{1/2}$. Stored beams, Schottky mass spectrometry. PREPRINT nucl-ex/0510009,10/4/2005
^{188}Po	2005UU03	RADIOACTIVITY ^{188,190,192,194,196,198,200,202,204}Po, ^{191,193,195,197,199}At, ^{196,198,200,202,204,206}Rn, ^{199,201,203,205,207}Fr(α); measured reduced widths using gas filled recoil separator; deduced hindrance factors, proton intruder states and deformation effects. JOUR ZAANE 25 s01 179

A=189

^{189}Ir	2005TA26	NUCLEAR REACTIONS Ir(p, xnyp)^{188}Pt / ^{189}Pt / ^{191}Pt / ^{185}Ir / ^{186}Ir / ^{188}Ir / ^{189}Ir / ^{190}Ir / ^{192}Ir / ^{185}Os, E $\approx$ 3-70 MeV; measured σ; deduced integral yields. Stacked-foil activation technique. JOUR NIMBE 239 293
^{189}Pt	2005TA26	NUCLEAR REACTIONS Ir(p, xnyp)^{188}Pt / ^{189}Pt / ^{191}Pt / ^{185}Ir / ^{186}Ir / ^{188}Ir / ^{189}Ir / ^{190}Ir / ^{192}Ir / ^{185}Os, E $\approx$ 3-70 MeV; measured σ; deduced integral yields. Stacked-foil activation technique. JOUR NIMBE 239 293
^{189}Bi	2005GEZW	ATOMIC MASSES ^{235}Ac; measured mass, $T_{1/2}$. ^{185,186,187,188,189,190,191,192,193,194,195,196}Bi; measured masses, proton separation energies. ^{207m}Tl; measured $T_{1/2}$. Stored beams, Schottky mass spectrometry. PREPRINT nucl-ex/0510009,10/4/2005

A=189 *(continued)*

2005KE10 RADIOACTIVITY ^{191,193,195}At(α); measured Eα, Eγ, $\gamma\alpha$-coin. ^{191,193,195}At deduced levels, J, π, configurations, proton separation energies. ^{187,189,191}Bi deduced levels J, π, configurations. Comparison with theory. JOUR ZAANE 25 s01 181

2005UU03 RADIOACTIVITY ^{188,190,192,194,196,198,200,202,204}Po, ^{191,193,195,197,199}At, ^{196,198,200,202,204,206}Rn, ^{199,201,203,205,207}Fr(α); measured reduced widths using gas filled recoil separator; deduced hindrance factors, proton intruder states and deformation effects. JOUR ZAANE 25 s01 179

A=190

^{190}Os 2004MO54 NUCLEAR REACTIONS ^{192}Os(^{82}Se, X)^{188}Os / ^{190}Os, E=460 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{188,190}Os deduced high-spin levels, J, π. GASP array. JOUR BJPHE 34 792

2005ME19 NUCLEAR REACTIONS ^{160}Gd, ^{164}Dy, ^{170}Er, ^{178}Hf, ^{186}W, ^{192}Os(p, t), E=25 MeV; measured triton spectra, $\sigma(\theta)$. ^{158}Gd, ^{162}Dy, ^{168}Er, ^{176}Hf, ^{184}W, ^{190}Os deduced 0^+ level energies. JOUR JPGPE 31 S1399

^{190}Ir 2005TA26 NUCLEAR REACTIONS Ir(p, xnyp)^{188}Pt / ^{189}Pt / ^{191}Pt / ^{185}Ir / ^{186}Ir / ^{188}Ir / ^{189}Ir / ^{190}Ir / ^{192}Ir / ^{185}Os, E $\approx$ 3-70 MeV; measured σ; deduced integral yields. Stacked-foil activation technique. JOUR NIMBE 239 293

^{190}Tl 2005XI06 NUCLEAR REACTIONS ^{160}Gd(^{35}Cl, 5n), E=167, 175 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{190}Tl deduced levels, J, π, configurations, rotational band, signature inversion. Total Routhian surface calculations. JOUR PRVCA 72 044302

2005ZH31 NUCLEAR REACTIONS ^{160}Gd(^{35}Cl, 5n), E=167 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{190}Tl deduced levels, J, π, configurations, rotational band signature inversion. Level systematics in neighboring isotopes discussed. JOUR JPGPE 31 S1985

^{190}Pb 2005UU03 RADIOACTIVITY ^{188,190,192,194,196,198,200,202,204}Po, ^{191,193,195,197,199}At, ^{196,198,200,202,204,206}Rn, ^{199,201,203,205,207}Fr(α); measured reduced widths using gas filled recoil separator; deduced hindrance factors, proton intruder states and deformation effects. JOUR ZAANE 25 s01 179

^{190}Bi 2005GEZW ATOMIC MASSES ^{235}Ac; measured mass, $T_{1/2}$. ^{185,186,187,188,189,190,191,192,193,194,195,196}Bi; measured masses, proton separation energies. ^{207m}Tl; measured $T_{1/2}$. Stored beams, Schottky mass spectrometry. PREPRINT nucl-ex/0510009,10/4/2005

^{190}Po 2005UU03 RADIOACTIVITY ^{188,190,192,194,196,198,200,202,204}Po, ^{191,193,195,197,199}At, ^{196,198,200,202,204,206}Rn, ^{199,201,203,205,207}Fr(α); measured reduced widths using gas filled recoil separator; deduced hindrance factors, proton intruder states and deformation effects. JOUR ZAANE 25 s01 179

A=191

^{191}Os	2005JO19	NUCLEAR REACTIONS ^{192}Os(^{82}Se, X)^{191}Os, E=460 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{191}Os deduced levels, J, π, branching ratios, configurations, isomeric state features. GASP array. JOUR JPGPE 31 S1891
^{191}Pt	2005TA26	NUCLEAR REACTIONS Ir(p, xnyp)^{188}Pt / ^{189}Pt / ^{191}Pt / ^{185}Ir / ^{186}Ir / ^{188}Ir / ^{189}Ir / ^{190}Ir / ^{192}Ir / ^{185}Os, E $\approx$ 3-70 MeV; measured σ; deduced integral yields. Stacked-foil activation technique. JOUR NIMBE 239 293
	2006DI01	NUCLEAR REACTIONS Pt(d, X)^{191}Au / ^{192}Au / ^{193}Au / ^{194}Au / ^{195}Au / ^{196}Au / ^{196m}Au / ^{198}Au / ^{199}Au / ^{191}Pt / ^{195m}Pt / ^{197}Pt / ^{192}Ir, E $\approx$ 10-40 MeV; measured production σ. Stacked-foil activation technique, comparison with model predictions. JOUR NIMBE 243 20
^{191}Au	2006DI01	NUCLEAR REACTIONS Pt(d, X)^{191}Au / ^{192}Au / ^{193}Au / ^{194}Au / ^{195}Au / ^{196}Au / ^{196m}Au / ^{198}Au / ^{199}Au / ^{191}Pt / ^{195m}Pt / ^{197}Pt / ^{192}Ir, E $\approx$ 10-40 MeV; measured production σ. Stacked-foil activation technique, comparison with model predictions. JOUR NIMBE 243 20
^{191}Bi	2005GEZW	ATOMIC MASSES ^{235}Ac; measured mass, $T_{1/2}$. ^{185,186,187,188,189,190,191,192,193,194,195,196}Bi; measured masses, proton separation energies. ^{207m}Tl; measured $T_{1/2}$. Stored beams, Schottky mass spectrometry. PREPRINT nucl-ex/0510009,10/4/2005
	2005KE10	RADIOACTIVITY ^{191,193,195}At(α); measured Eα, Eγ, $\gamma\alpha$-coin. ^{191,193,195}At deduced levels, J, π, configurations, proton separation energies. ^{187,189,191}Bi deduced levels J, π, configurations. Comparison with theory. JOUR ZAANE 25 s01 181
	2005UU03	RADIOACTIVITY ^{188,190,192,194,196,198,200,202,204}Po, ^{191,193,195,197,199}At, ^{196,198,200,202,204,206}Rn, ^{199,201,203,205,207}Fr(α); measured reduced widths using gas filled recoil separator; deduced hindrance factors, proton intruder states and deformation effects. JOUR ZAANE 25 s01 179
^{191}At	2005KE10	NUCLEAR REACTIONS ^{142}Nd(^{56}Fe, 2np), E=262 MeV; ^{141}Pr(^{56}Fe, 4n), E=266 MeV; ^{141}Pr(^{54}Fe, 4n), E=260 MeV; measured production σ. JOUR ZAANE 25 s01 181
	2005KE10	RADIOACTIVITY ^{191,193,195}At(α); measured Eα, Eγ, $\gamma\alpha$-coin. ^{191,193,195}At deduced levels, J, π, configurations, proton separation energies. ^{187,189,191}Bi deduced levels J, π, configurations. Comparison with theory. JOUR ZAANE 25 s01 181
	2005UU03	RADIOACTIVITY ^{188,190,192,194,196,198,200,202,204}Po, ^{191,193,195,197,199}At, ^{196,198,200,202,204,206}Rn, ^{199,201,203,205,207}Fr(α); measured reduced widths using gas filled recoil separator; deduced hindrance factors, proton intruder states and deformation effects. JOUR ZAANE 25 s01 179

A=192

^{192}Ir	2005TA26	NUCLEAR REACTIONS Ir(p, xnyp)^{188}Pt / ^{189}Pt / ^{191}Pt / ^{185}Ir / ^{186}Ir / ^{188}Ir / ^{189}Ir / ^{190}Ir / ^{192}Ir / ^{185}Os, E $\approx$ 3-70 MeV; measured σ; deduced integral yields. Stacked-foil activation technique. JOUR NIMBE 239 293

A=192 *(continued)*

	2006DI01	NUCLEAR REACTIONS Pt(d, X)^{191}Au / ^{192}Au / ^{193}Au / ^{194}Au / ^{195}Au / ^{196}Au / ^{196m}Au / ^{198}Au / ^{199}Au / ^{191}Pt / ^{195m}Pt / ^{197}Pt / ^{192}Ir, E ≈ 10-40 MeV; measured production σ. Stacked-foil activation technique, comparison with model predictions. JOUR NIMBE 243 20
^{192}Au	2006DI01	NUCLEAR REACTIONS Pt(d, X)^{191}Au / ^{192}Au / ^{193}Au / ^{194}Au / ^{195}Au / ^{196}Au / ^{196m}Au / ^{198}Au / ^{199}Au / ^{191}Pt / ^{195m}Pt / ^{197}Pt / ^{192}Ir, E ≈ 10-40 MeV; measured production σ. Stacked-foil activation technique, comparison with model predictions. JOUR NIMBE 243 20
^{192}Pb	2005UU03	RADIOACTIVITY ^{188,190,192,194,196,198,200,202,204}Po, ^{191,193,195,197,199}At, ^{196,198,200,202,204,206}Rn, ^{199,201,203,205,207}Fr(α); measured reduced widths using gas filled recoil separator; deduced hindrance factors, proton intruder states and deformation effects. JOUR ZAANE 25 s01 179
^{192}Bi	2005GEZW	ATOMIC MASSES ^{235}Ac; measured mass, $T_{1/2}$. ^{185,186,187,188,189,190,191,192,193,194,195,196}Bi; measured masses, proton separation energies. ^{207m}Tl; measured $T_{1/2}$. Stored beams, Schottky mass spectrometry. PREPRINT nucl-ex/0510009,10/4/2005
^{192}Po	2005UU03	RADIOACTIVITY ^{188,190,192,194,196,198,200,202,204}Po, ^{191,193,195,197,199}At, ^{196,198,200,202,204,206}Rn, ^{199,201,203,205,207}Fr(α); measured reduced widths using gas filled recoil separator; deduced hindrance factors, proton intruder states and deformation effects. JOUR ZAANE 25 s01 179

A=193

^{193}Os	2004ZA15	RADIOACTIVITY ^{193}Os(β^-) [from ^{192}Os(n, γ)]; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{193}Ir deduced levels, transition intensities. JOUR BJPHE 34 719
	2005ZA15	RADIOACTIVITY ^{193}Os(β^-) [from ^{192}Os(n, γ)]; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{193}Ir deduced levels, J, π. JOUR BJPHE 35 843
^{193}Ir	2004ZA15	RADIOACTIVITY ^{193}Os(β^-) [from ^{192}Os(n, γ)]; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{193}Ir deduced levels, transition intensities. JOUR BJPHE 34 719
	2005ZA15	RADIOACTIVITY ^{193}Os(β^-) [from ^{192}Os(n, γ)]; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{193}Ir deduced levels, J, π. JOUR BJPHE 35 843
^{193}Au	2006DI01	NUCLEAR REACTIONS Pt(d, X)^{191}Au / ^{192}Au / ^{193}Au / ^{194}Au / ^{195}Au / ^{196}Au / ^{196m}Au / ^{198}Au / ^{199}Au / ^{191}Pt / ^{195m}Pt / ^{197}Pt / ^{192}Ir, E ≈ 10-40 MeV; measured production σ. Stacked-foil activation technique, comparison with model predictions. JOUR NIMBE 243 20
^{193}Pb	2005GL09	NUCLEAR REACTIONS ^{170}Er(^{28}Si, 5n), E=149 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, DSA. ^{193}Pb deduced magnetic rotational band levels $T_{1/2}$. GASP array, recoil-distance and Doppler-shift attenuation methods used. JOUR JPGPE 31 S1559
^{193}Bi	2005GEZW	ATOMIC MASSES ^{235}Ac; measured mass, $T_{1/2}$. ^{185,186,187,188,189,190,191,192,193,194,195,196}Bi; measured masses, proton separation energies. ^{207m}Tl; measured $T_{1/2}$. Stored beams, Schottky mass spectrometry. PREPRINT nucl-ex/0510009,10/4/2005

A=193 *(continued)*

	2005UU03	RADIOACTIVITY ^{188,190,192,194,196,198,200,202,204}Po, ^{191,193,195,197,199}At, ^{196,198,200,202,204,206}Rn, ^{199,201,203,205,207}Fr(α); measured reduced widths using gas filled recoil separator; deduced hindrance factors, proton intruder states and deformation effects. JOUR ZAANE 25 s01 179
^{193}At	2005KE10	NUCLEAR REACTIONS ^{142}Nd(^{56}Fe, 2np), E=262 MeV; ^{141}Pr(^{56}Fe, 4n), E=266 MeV; ^{141}Pr(^{54}Fe, 4n), E=260 MeV; measured production σ. JOUR ZAANE 25 s01 181
	2005KE10	RADIOACTIVITY ^{191,193,195}At(α); measured Eα, Eγ, $\gamma\alpha$-coin. ^{191,193,195}At deduced levels, J, π, configurations, proton separation energies. ^{187,189,191}Bi deduced levels J, π, configurations. Comparison with theory. JOUR ZAANE 25 s01 181
	2005UU03	RADIOACTIVITY ^{188,190,192,194,196,198,200,202,204}Po, ^{191,193,195,197,199}At, ^{196,198,200,202,204,206}Rn, ^{199,201,203,205,207}Fr(α); measured reduced widths using gas filled recoil separator; deduced hindrance factors, proton intruder states and deformation effects. JOUR ZAANE 25 s01 179

A=194

^{194}Pt	2005SH52	ATOMIC MASSES ^{194,195,196,198}Pt; measured masses. Penning trap mass spectrometer. JOUR ZAANE 25 s01 45
^{194}Au	2006DI01	NUCLEAR REACTIONS Pt(d, X)^{191}Au / ^{192}Au / ^{193}Au / ^{194}Au / ^{195}Au / ^{196}Au / ^{196m}Au / ^{198}Au / ^{199}Au / ^{191}Pt / ^{195m}Pt / ^{197}Pt / ^{192}Ir, E $\approx$ 10-40 MeV; measured production σ. Stacked-foil activation technique, comparison with model predictions. JOUR NIMBE 243 20
^{194}Pb	2005DRZW	NUCLEAR REACTIONS ^{170}Er(^{29}Si, 5n), E=147 MeV; ^{170}Er(^{30}Si, 4n), E=138 MeV; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin. ^{194,196}Pb deduced levels, J, π, configurations, isomers $T_{1/2}$ and decay B(E1), B(E2), B(E3). Caesar array, potential energy surface calculations. PREPRINT ANU-P/1662,Dracoulis
	2005UU03	RADIOACTIVITY ^{188,190,192,194,196,198,200,202,204}Po, ^{191,193,195,197,199}At, ^{196,198,200,202,204,206}Rn, ^{199,201,203,205,207}Fr(α); measured reduced widths using gas filled recoil separator; deduced hindrance factors, proton intruder states and deformation effects. JOUR ZAANE 25 s01 179
^{194}Bi	2005GEZW	ATOMIC MASSES ^{235}Ac; measured mass, $T_{1/2}$. ^{185,186,187,188,189,190,191,192,193,194,195,196}Bi; measured masses, proton separation energies. ^{207m}Tl; measured $T_{1/2}$. Stored beams, Schottky mass spectrometry. PREPRINT nucl-ex/0510009,10/4/2005
^{194}Po	2005UU03	RADIOACTIVITY ^{188,190,192,194,196,198,200,202,204}Po, ^{191,193,195,197,199}At, ^{196,198,200,202,204,206}Rn, ^{199,201,203,205,207}Fr(α); measured reduced widths using gas filled recoil separator; deduced hindrance factors, proton intruder states and deformation effects. JOUR ZAANE 25 s01 179

A=195

^{195}Pt	2005SH52	ATOMIC MASSES ^{194,195,196,198}Pt; measured masses. Penning trap mass spectrometer. JOUR ZAANE 25 s01 45
	2006DI01	NUCLEAR REACTIONS Pt(d, X)^{191}Au / ^{192}Au / ^{193}Au / ^{194}Au / ^{195}Au / ^{196}Au / ^{196m}Au / ^{198}Au / ^{199}Au / ^{191}Pt / ^{195m}Pt / ^{197}Pt / ^{192}Ir, E ≈ 10-40 MeV; measured production σ. Stacked-foil activation technique, comparison with model predictions. JOUR NIMBE 243 20
^{195}Au	2006DI01	NUCLEAR REACTIONS Pt(d, X)^{191}Au / ^{192}Au / ^{193}Au / ^{194}Au / ^{195}Au / ^{196}Au / ^{196m}Au / ^{198}Au / ^{199}Au / ^{191}Pt / ^{195m}Pt / ^{197}Pt / ^{192}Ir, E ≈ 10-40 MeV; measured production σ. Stacked-foil activation technique, comparison with model predictions. JOUR NIMBE 243 20
^{195}Bi	2005GEZW	ATOMIC MASSES ^{235}Ac; measured mass, $T_{1/2}$. ^{185,186,187,188,189,190,191,192,193,194,195,196}Bi; measured masses, proton separation energies. ^{207m}Tl; measured $T_{1/2}$. Stored beams, Schottky mass spectrometry. PREPRINT nucl-ex/0510009,10/4/2005
	2005UU03	RADIOACTIVITY ^{188,190,192,194,196,198,200,202,204}Po, ^{191,193,195,197,199}At, ^{196,198,200,202,204,206}Rn, ^{199,201,203,205,207}Fr(α); measured reduced widths using gas filled recoil separator; deduced hindrance factors, proton intruder states and deformation effects. JOUR ZAANE 25 s01 179
^{195}At	2005KE10	NUCLEAR REACTIONS ^{142}Nd(^{56}Fe, 2np), E=262 MeV; ^{141}Pr(^{56}Fe, 4n), E=266 MeV; ^{141}Pr(^{54}Fe, 4n), E=260 MeV; measured production σ. JOUR ZAANE 25 s01 181
	2005KE10	RADIOACTIVITY ^{191,193,195}At(α); measured Eα, Eγ, $\gamma\alpha$-coin. ^{191,193,195}At deduced levels, J, π, configurations, proton separation energies. ^{187,189,191}Bi deduced levels J, π, configurations. Comparison with theory. JOUR ZAANE 25 s01 181
	2005UU03	RADIOACTIVITY ^{188,190,192,194,196,198,200,202,204}Po, ^{191,193,195,197,199}At, ^{196,198,200,202,204,206}Rn, ^{199,201,203,205,207}Fr(α); measured reduced widths using gas filled recoil separator; deduced hindrance factors, proton intruder states and deformation effects. JOUR ZAANE 25 s01 179

A=196

^{196}Pt	2005SH52	ATOMIC MASSES ^{194,195,196,198}Pt; measured masses. Penning trap mass spectrometer. JOUR ZAANE 25 s01 45
^{196}Au	2005WA31	NUCLEAR REACTIONS ^{92,98,100}Mo(γ, γ'), E=13.2 MeV bremsstrahlung; measured Eγ, Iγ. ^{92,100}Mo, ^{197}Au(γ, n), ^{92}Mo(γ, p), (γ, α), E ≈ 11.8-16.5 MeV bremsstrahlung; measured integrated σ. JOUR JPGPE 31 S1969
	2006DI01	NUCLEAR REACTIONS Pt(d, X)^{191}Au / ^{192}Au / ^{193}Au / ^{194}Au / ^{195}Au / ^{196}Au / ^{196m}Au / ^{198}Au / ^{199}Au / ^{191}Pt / ^{195m}Pt / ^{197}Pt / ^{192}Ir, E ≈ 10-40 MeV; measured production σ. Stacked-foil activation technique, comparison with model predictions. JOUR NIMBE 243 20

A=196 *(continued)*

^{196}Pb	2005DRZW	NUCLEAR REACTIONS ^{170}Er(^{29}Si, 5n), E=147 MeV; ^{170}Er(^{30}Si, 4n), E=138 MeV; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin. ^{194,196}Pb deduced levels, J, π, configurations, isomers $T_{1/2}$ and decay B(E1), B(E2), B(E3). Caesar array, potential energy surface calculations. PREPRINT ANU-P/1662,Dracoulis
	2005UU03	RADIOACTIVITY ^{188,190,192,194,196,198,200,202,204}Po, ^{191,193,195,197,199}At, ^{196,198,200,202,204,206}Rn, ^{199,201,203,205,207}Fr(α); measured reduced widths using gas filled recoil separator; deduced hindrance factors, proton intruder states and deformation effects. JOUR ZAANE 25 s01 179
	2005WI21	NUCLEAR REACTIONS ^{170}Er(^{30}Si, 4n), E=144 MeV; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin. ^{196}Pb deduced superdeformed band excitation energy, J, π. Euroball IV array, time-correlated spectroscopy. JOUR PRLTA 95 182501
	2005WIZY	NUCLEAR REACTIONS ^{170}Er(^{30}Si, 4n), E=144 MeV; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin. ^{196}Pb deduced superdeformed band excitation energy. Euroball IV array, time-correlated spectroscopy. Level systematics in neighboring nuclides discussed. PREPRINT ANU-P/1667,Wilson
^{196}Bi	2005GEZW	ATOMIC MASSES ^{235}Ac; measured mass, $T_{1/2}$. ^{185,186,187,188,189,190,191,192,193,194,195,196}Bi; measured masses, proton separation energies. ^{207m}Tl; measured $T_{1/2}$. Stored beams, Schottky mass spectrometry. PREPRINT nucl-ex/0510009,10/4/2005
^{196}Po	2005UU03	RADIOACTIVITY ^{188,190,192,194,196,198,200,202,204}Po, ^{191,193,195,197,199}At, ^{196,198,200,202,204,206}Rn, ^{199,201,203,205,207}Fr(α); measured reduced widths using gas filled recoil separator; deduced hindrance factors, proton intruder states and deformation effects. JOUR ZAANE 25 s01 179
^{196}Rn	2005UU03	RADIOACTIVITY ^{188,190,192,194,196,198,200,202,204}Po, ^{191,193,195,197,199}At, ^{196,198,200,202,204,206}Rn, ^{199,201,203,205,207}Fr(α); measured reduced widths using gas filled recoil separator; deduced hindrance factors, proton intruder states and deformation effects. JOUR ZAANE 25 s01 179

A=197

^{197}Pt	2006DI01	NUCLEAR REACTIONS Pt(d, X)^{191}Au / ^{192}Au / ^{193}Au / ^{194}Au / ^{195}Au / ^{196}Au / ^{196m}Au / ^{198}Au / ^{199}Au / ^{191}Pt / ^{195m}Pt / ^{197}Pt / ^{192}Ir, E $\approx$ 10-40 MeV; measured production σ. Stacked-foil activation technique, comparison with model predictions. JOUR NIMBE 243 20
^{197}Au	2005CH66	NUCLEAR REACTIONS ^{209}Bi(^{26}Mg, ^{26}Mg'), E=78.6 MeV / nucleon; ^{197}Au(^{32}Mg, ^{32}Mg'), E=81.1 MeV / nucleon; ^{209}Bi(^{34}Mg, ^{34}Mg'), E=76.4 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{26,32,34}Mg deduced transitions B(E2), deformation parameters. Comparison with previous work, model predictions. JOUR PRVCA 72 054320

A=197 *(continued)*

^{197}At	2005UU03	RADIOACTIVITY ^{188,190,192,194,196,198,200,202,204}Po, ^{191,193,195,197,199}At, ^{196,198,200,202,204,206}Rn, ^{199,201,203,205,207}Fr(α); measured reduced widths using gas filled recoil separator; deduced hindrance factors, proton intruder states and deformation effects. JOUR ZAANE 25 s01 179

A=198

^{198}Pt	2005SH52	ATOMIC MASSES ^{194,195,196,198}Pt; measured masses. Penning trap mass spectrometer. JOUR ZAANE 25 s01 45
^{198}Au	2004TA46	NUCLEAR REACTIONS ^{198}Pt(p, n), E ≈ 6-37 MeV; ^{198}Pt(d, n), (d, 2n), E ≈ 5-20 MeV; measured excitation functions. Activation technique. JOUR RAACA 92 223
	2005SE23	NUCLEAR REACTIONS ^{197}Au(n, γ), E=spectrum; measured Eγ, Iγ; deduced neutron flux. ^{7}Li(p, n), E not given; deduced neutron spectrum. ^{62}Ni(n, γ), E ≈ 5.5-20 keV; measured σ; deduced Maxwellian-averaged σ. JOUR JUPSA 74 2981
	2006DI01	NUCLEAR REACTIONS Pt(d, X)^{191}Au / ^{192}Au / ^{193}Au / ^{194}Au / ^{195}Au / ^{196}Au / ^{196m}Au / ^{198}Au / ^{199}Au / ^{191}Pt / ^{195m}Pt / ^{197}Pt / ^{192}Ir, E ≈ 10-40 MeV; measured production σ. Stacked-foil activation technique, comparison with model predictions. JOUR NIMBE 243 20
^{198}Pb	2005UU03	RADIOACTIVITY ^{188,190,192,194,196,198,200,202,204}Po, ^{191,193,195,197,199}At, ^{196,198,200,202,204,206}Rn, ^{199,201,203,205,207}Fr(α); measured reduced widths using gas filled recoil separator; deduced hindrance factors, proton intruder states and deformation effects. JOUR ZAANE 25 s01 179
^{198}Po	2005UU03	RADIOACTIVITY ^{188,190,192,194,196,198,200,202,204}Po, ^{191,193,195,197,199}At, ^{196,198,200,202,204,206}Rn, ^{199,201,203,205,207}Fr(α); measured reduced widths using gas filled recoil separator; deduced hindrance factors, proton intruder states and deformation effects. JOUR ZAANE 25 s01 179
^{198}Rn	2005UU03	RADIOACTIVITY ^{188,190,192,194,196,198,200,202,204}Po, ^{191,193,195,197,199}At, ^{196,198,200,202,204,206}Rn, ^{199,201,203,205,207}Fr(α); measured reduced widths using gas filled recoil separator; deduced hindrance factors, proton intruder states and deformation effects. JOUR ZAANE 25 s01 179

A=199

^{199}Au	2004TA46	NUCLEAR REACTIONS ^{198}Pt(p, n), E ≈ 6-37 MeV; ^{198}Pt(d, n), (d, 2n), E ≈ 5-20 MeV; measured excitation functions. Activation technique. JOUR RAACA 92 223
	2006DI01	NUCLEAR REACTIONS Pt(d, X)^{191}Au / ^{192}Au / ^{193}Au / ^{194}Au / ^{195}Au / ^{196}Au / ^{196m}Au / ^{198}Au / ^{199}Au / ^{191}Pt / ^{195m}Pt / ^{197}Pt / ^{192}Ir, E ≈ 10-40 MeV; measured production σ. Stacked-foil activation technique, comparison with model predictions. JOUR NIMBE 243 20

A=199 *(continued)*

^{199}At	2005UU03	RADIOACTIVITY ^{188,190,192,194,196,198,200,202,204}Po, ^{191,193,195,197,199}At, ^{196,198,200,202,204,206}Rn, ^{199,201,203,205,207}Fr(α); measured reduced widths using gas filled recoil separator; deduced hindrance factors, proton intruder states and deformation effects. JOUR ZAANE 25 s01 179
^{199}Fr	2005UU03	RADIOACTIVITY ^{188,190,192,194,196,198,200,202,204}Po, ^{191,193,195,197,199}At, ^{196,198,200,202,204,206}Rn, ^{199,201,203,205,207}Fr(α); measured reduced widths using gas filled recoil separator; deduced hindrance factors, proton intruder states and deformation effects. JOUR ZAANE 25 s01 179

A=200

^{200}Pb	2005UU03	RADIOACTIVITY ^{188,190,192,194,196,198,200,202,204}Po, ^{191,193,195,197,199}At, ^{196,198,200,202,204,206}Rn, ^{199,201,203,205,207}Fr(α); measured reduced widths using gas filled recoil separator; deduced hindrance factors, proton intruder states and deformation effects. JOUR ZAANE 25 s01 179
^{200}Po	2005UU03	RADIOACTIVITY ^{188,190,192,194,196,198,200,202,204}Po, ^{191,193,195,197,199}At, ^{196,198,200,202,204,206}Rn, ^{199,201,203,205,207}Fr(α); measured reduced widths using gas filled recoil separator; deduced hindrance factors, proton intruder states and deformation effects. JOUR ZAANE 25 s01 179
^{200}Rn	2005UU03	RADIOACTIVITY ^{188,190,192,194,196,198,200,202,204}Po, ^{191,193,195,197,199}At, ^{196,198,200,202,204,206}Rn, ^{199,201,203,205,207}Fr(α); measured reduced widths using gas filled recoil separator; deduced hindrance factors, proton intruder states and deformation effects. JOUR ZAANE 25 s01 179

A=201

^{201}At	2005UU03	RADIOACTIVITY ^{188,190,192,194,196,198,200,202,204}Po, ^{191,193,195,197,199}At, ^{196,198,200,202,204,206}Rn, ^{199,201,203,205,207}Fr(α); measured reduced widths using gas filled recoil separator; deduced hindrance factors, proton intruder states and deformation effects. JOUR ZAANE 25 s01 179
^{201}Fr	2005UU03	RADIOACTIVITY ^{188,190,192,194,196,198,200,202,204}Po, ^{191,193,195,197,199}At, ^{196,198,200,202,204,206}Rn, ^{199,201,203,205,207}Fr(α); measured reduced widths using gas filled recoil separator; deduced hindrance factors, proton intruder states and deformation effects. JOUR ZAANE 25 s01 179

A=202

^{202}Po	2005UU03	RADIOACTIVITY ^{188,190,192,194,196,198,200,202,204}Po, ^{191,193,195,197,199}At, ^{196,198,200,202,204,206}Rn, ^{199,201,203,205,207}Fr(α); measured reduced widths using gas filled recoil separator; deduced hindrance factors, proton intruder states and deformation effects. JOUR ZAANE 25 s01 179
^{202}Rn	2005UU03	RADIOACTIVITY ^{188,190,192,194,196,198,200,202,204}Po, ^{191,193,195,197,199}At, ^{196,198,200,202,204,206}Rn, ^{199,201,203,205,207}Fr(α); measured reduced widths using gas filled recoil separator; deduced hindrance factors, proton intruder states and deformation effects. JOUR ZAANE 25 s01 179

A=203

^{203}At	2005UU03	RADIOACTIVITY ^{188,190,192,194,196,198,200,202,204}Po, ^{191,193,195,197,199}At, ^{196,198,200,202,204,206}Rn, ^{199,201,203,205,207}Fr(α); measured reduced widths using gas filled recoil separator; deduced hindrance factors, proton intruder states and deformation effects. JOUR ZAANE 25 s01 179
^{203}Fr	2005UU03	RADIOACTIVITY ^{188,190,192,194,196,198,200,202,204}Po, ^{191,193,195,197,199}At, ^{196,198,200,202,204,206}Rn, ^{199,201,203,205,207}Fr(α); measured reduced widths using gas filled recoil separator; deduced hindrance factors, proton intruder states and deformation effects. JOUR ZAANE 25 s01 179

A=204

^{204}Pb	2005WA34	NUCLEAR MOMENTS ^{204,206,207,208}Pb; measured hfs, isotope shifts. JOUR ZDDNE 36 249
^{204}Po	2005UU03	RADIOACTIVITY ^{188,190,192,194,196,198,200,202,204}Po, ^{191,193,195,197,199}At, ^{196,198,200,202,204,206}Rn, ^{199,201,203,205,207}Fr(α); measured reduced widths using gas filled recoil separator; deduced hindrance factors, proton intruder states and deformation effects. JOUR ZAANE 25 s01 179
^{204}Rn	2005UU03	RADIOACTIVITY ^{188,190,192,194,196,198,200,202,204}Po, ^{191,193,195,197,199}At, ^{196,198,200,202,204,206}Rn, ^{199,201,203,205,207}Fr(α); measured reduced widths using gas filled recoil separator; deduced hindrance factors, proton intruder states and deformation effects. JOUR ZAANE 25 s01 179

A=205

^{205}Pb	2004KU33	RADIOACTIVITY ^{205}Bi(EC) [from Pb, Bi(p, X)]; measured $T_{1/2}$. Comparison with previous results. JOUR RAACA 92 233
^{205}Bi	2004KU33	RADIOACTIVITY ^{205}Bi(EC) [from Pb, Bi(p, X)]; measured $T_{1/2}$. Comparison with previous results. JOUR RAACA 92 233

A=205 *(continued)*

^{205}Fr	2005UU03	RADIOACTIVITY ^{188,190,192,194,196,198,200,202,204}Po, ^{191,193,195,197,199}At, ^{196,198,200,202,204,206}Rn, ^{199,201,203,205,207}Fr(α); measured reduced widths using gas filled recoil separator; deduced hindrance factors, proton intruder states and deformation effects. JOUR ZAANE 25 s01 179

A=206

^{206}Pb	2005CO25	NUCLEAR REACTIONS ^{208}Pb(^{40}Ca, ^{42}Ca), E=225 MeV; measured σ(E, θ). ^{42}Ca deduced excited states configurations. ^{208}Pb(^{90}Zr, X), E=560 MeV; measured Eγ, Iγ, (fragment)γ-coin, isotopic yields for projectile-like fragments. ^{90}Zr deduced transitions. JOUR ZAANE 25 s01 427
	2005WA34	NUCLEAR MOMENTS ^{204,206,207,208}Pb; measured hfs, isotope shifts. JOUR ZDDNE 36 249
^{206}Rn	2005UU03	RADIOACTIVITY ^{188,190,192,194,196,198,200,202,204}Po, ^{191,193,195,197,199}At, ^{196,198,200,202,204,206}Rn, ^{199,201,203,205,207}Fr(α); measured reduced widths using gas filled recoil separator; deduced hindrance factors, proton intruder states and deformation effects. JOUR ZAANE 25 s01 179

A=207

^{207}Tl	2005GEZW	ATOMIC MASSES ^{235}Ac; measured mass, $T_{1/2}$. ^{185,186,187,188,189,190,191,192,193,194,195,196}Bi; measured masses, proton separation energies. ^{207m}Tl; measured $T_{1/2}$. Stored beams, Schottky mass spectrometry. PREPRINT nucl-ex/0510009,10/4/2005
^{207}Pb	2005BOZT	NUCLEAR REACTIONS ^{206}Pb(n, X), (n, γ), E=0-600 keV; measured total and capture σ; deduced resonance parameters. ^{206}Pb, ^{209}Bi(n, γ), E=thermal; measured σ. THESIS A Borella,Gent Univ
	2005WA34	NUCLEAR MOMENTS ^{204,206,207,208}Pb; measured hfs, isotope shifts. JOUR ZDDNE 36 249
^{207}Fr	2005UU03	RADIOACTIVITY ^{188,190,192,194,196,198,200,202,204}Po, ^{191,193,195,197,199}At, ^{196,198,200,202,204,206}Rn, ^{199,201,203,205,207}Fr(α); measured reduced widths using gas filled recoil separator; deduced hindrance factors, proton intruder states and deformation effects. JOUR ZAANE 25 s01 179

A=208

^{208}Tl	2005GR28	NUCLEAR REACTIONS ^{1}H(π^-, $\pi^+\pi^-$), (π^+, $2\pi^+$), E=243, 264, 284, 305 MeV; ^{2}H, ^{12}C, ^{40}Ca, ^{208}Pb(π^+, $2\pi^+$), (π^+, $\pi^+\pi^-$), E=283 MeV; Sc(π^+, $2\pi^+$X), (π^+, $\pi^+\pi^-$X), E=243, 264, 284, 305 MeV; measured invariant mass distributions, $\sigma(\theta)$, correlations; deduced partial chiral symmetry restoration. JOUR NUPAB 763 80

A=208 *(continued)*

^{208}Pb	2005GO34	NUCLEAR REACTIONS ^{208}Pb(^{23}Al, p^{22}Mg), E=50 MeV / nucleon; measured relative energy spectrum, $\sigma(\theta)$. ^{23}Al deduced excited state radiative width. Astrophysical implications discussed. JOUR JPGPE 31 S1517
	2005OR02	NUCLEAR REACTIONS ^{208}Pb(p, p'), E=17.3 MeV; measured Ep, E(ce), (ce)p-coin. ^{208}Pb deduced levels, electric monopole transitions, E3 / E0 branching ratio. JOUR JPGPE 31 S1705
	2005RO42	NUCLEAR REACTIONS ^{208}Pb(^{17}F, ^{17}F), (^{17}F, ^{16}OX), E=90.4 Mev; measured $\sigma(\theta)$. JOUR ZAANE 25 s01 289
	2005SA52	NUCLEAR REACTIONS ^{208}Pb(^{6}He, ^{6}He), (^{6}He, α), E=14, 16, 17, 18, 22 MeV; measured $\sigma(\theta)$; deduced reaction mechanism features. JOUR JPGPE 31 S1953
	2005WA34	NUCLEAR MOMENTS ^{204,206,207,208}Pb; measured hfs, isotope shifts. JOUR ZDDNE 36 249
	2005YAZW	NUCLEAR REACTIONS ^{208}Pb(n, n'γ), E=6.5 MeV; measured Eγ, Iγ. ^{208}Pb deduced levels, J, π, $T_{1/2}$, δ, B(Ee) / B(M1). PC Yates,11/29/2005
^{208}Bi	2005GR28	NUCLEAR REACTIONS ^{1}H(π^-, $\pi^+\pi^-$), (π^+, $2\pi^+$), E=243, 264, 284, 305 MeV; ^{2}H, ^{12}C, ^{40}Ca, ^{208}Pb(π^+, $2\pi^+$), (π^+, $\pi^+\pi^-$), E=283 MeV; Sc(π^+, $2\pi^+$X), (π^+, $\pi^+\pi^-$X), E=243, 264, 284, 305 MeV; measured invariant mass distributions, $\sigma(\theta)$, correlations; deduced partial chiral symmetry restoration. JOUR NUPAB 763 80
^{208}Ra	2005RE23	NUCLEAR REACTIONS ^{182,184}W(^{30}Si, 4n), E=148 MeV; measured delayed Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{208,210}Ra deduced levels, J, π, isomers $T_{1/2}$, B(E2). Mass separator. JOUR JPGPE 31 S1605

A=209

^{209}Bi	2005BA88	NUCLEAR REACTIONS ^{208}Pb(p, γ), E=11.9 MeV; measured Eγ, Iγ. ^{147}Sm(^{16}O, 3n), E=73 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{160}Yb deduced high-spin levels, J, π. Afrodite array. JOUR JPGPE 31 S1747
	2005CH66	NUCLEAR REACTIONS ^{209}Bi(^{26}Mg, ^{26}Mg'), E=78.6 MeV / nucleon; ^{197}Au(^{32}Mg, ^{32}Mg'), E=81.1 MeV / nucleon; ^{209}Bi(^{34}Mg, ^{34}Mg'), E=76.4 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{26,32,34}Mg deduced transitions B(E2), deformation parameters. Comparison with previous work, model predictions. JOUR PRVCA 72 054320

A=210

^{210}Pb	2005SA52	NUCLEAR REACTIONS ^{208}Pb(^{6}He, ^{6}He), (^{6}He, α), E=14, 16, 17, 18, 22 MeV; measured $\sigma(\theta)$; deduced reaction mechanism features. JOUR JPGPE 31 S1953
^{210}Bi	2005BOZT	NUCLEAR REACTIONS ^{206}Pb(n, X), (n, γ), E=0-600 keV; measured total and capture σ; deduced resonance parameters. ^{206}Pb, ^{209}Bi(n, γ), E=thermal; measured σ. THESIS A Borella,Gent Univ

A=210 *(continued)*

^{210}Ra	2005RE23	NUCLEAR REACTIONS ^{182,184}W(^{30}Si, 4n), E=148 MeV; measured delayed Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{208,210}Ra deduced levels, J, π, isomers $T_{1/2}$, B(E2). Mass separator. JOUR JPGPE 31 S1605

A=211

^{211}Ra	2005KU31	RADIOACTIVITY ^{215,216,216m,217}Th(α) [from ^{170}Er(^{50}Ti, xn)]; measured Eα, Iα, Eγ, Iγ, $\alpha\gamma$-coin, $T_{1/2}$. ^{211,212,213}Ra deduced levels, J, π, ICC. JOUR ZAANE 25 397

A=212

^{212}Po	2005GA46	NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(^{8}He, 4n), E=28 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{212}Po, ^{213}At deduced levels, J, π. Exogam array. JOUR JPGPE 31 S1851
^{212}Ra	2005KU31	RADIOACTIVITY ^{215,216,216m,217}Th(α) [from ^{170}Er(^{50}Ti, xn)]; measured Eα, Iα, Eγ, Iγ, $\alpha\gamma$-coin, $T_{1/2}$. ^{211,212,213}Ra deduced levels, J, π, ICC. JOUR ZAANE 25 397

A=213

^{213}At	2005GA46	NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(^{8}He, 4n), E=28 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{212}Po, ^{213}At deduced levels, J, π. Exogam array. JOUR JPGPE 31 S1851
^{213}Ra	2005KU31	RADIOACTIVITY ^{215,216,216m,217}Th(α) [from ^{170}Er(^{50}Ti, xn)]; measured Eα, Iα, Eγ, Iγ, $\alpha\gamma$-coin, $T_{1/2}$. ^{211,212,213}Ra deduced levels, J, π, ICC. JOUR ZAANE 25 397
^{213}Th	2005LE42	RADIOACTIVITY ^{217,218,218m,219}U(α); measured Eα, $T_{1/2}$. ^{217,218,219}U deduced ground state J, π. ^{218}U deduced isomer J, π. Implications for Z=92 shell closure discussed. JOUR ZAANE 25 s01 183

A=214

^{214}Th	2005LE42	RADIOACTIVITY ^{217,218,218m,219}U(α); measured Eα, $T_{1/2}$. ^{217,218,219}U deduced ground state J, π. ^{218}U deduced isomer J, π. Implications for Z=92 shell closure discussed. JOUR ZAANE 25 s01 183

A=215

^{215}Th	2005KU31	RADIOACTIVITY ^{215,216,216m,217}Th(α) [from ^{170}Er(^{50}Ti, xn)]; measured Eα, Iα, Eγ, Iγ, $\alpha\gamma$-coin, $T_{1/2}$. ^{211,212,213}Ra deduced levels, J, π, ICC. JOUR ZAANE 25 397

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

2005LE42 RADIOACTIVITY ^{217,218,218m,219}U(α); measured Eα, $T_{1/2}$. ^{217,218,219}U deduced ground state J, π. ^{218}U deduced isomer J, π. Implications for Z=92 shell closure discussed. JOUR ZAANE 25 s01 183

A=216

^{216}Th 2005KU31 RADIOACTIVITY ^{215,216,216m,217}Th(α) [from ^{170}Er(^{50}Ti, xn)]; measured Eα, Iα, Eγ, Iγ, $\alpha\gamma$-coin, $T_{1/2}$. ^{211,212,213}Ra deduced levels, J, π, ICC. JOUR ZAANE 25 397

A=217

^{217}Th 2005KU31 RADIOACTIVITY ^{215,216,216m,217}Th(α) [from ^{170}Er(^{50}Ti, xn)]; measured Eα, Iα, Eγ, Iγ, $\alpha\gamma$-coin, $T_{1/2}$. ^{211,212,213}Ra deduced levels, J, π, ICC. JOUR ZAANE 25 397

^{217}U 2005LE42 NUCLEAR REACTIONS ^{182}W(^{40}Ar, xn)^{217}U / ^{218}U / ^{218m}U / ^{219}U, E=186 MeV; measured Eα, $\alpha\alpha$-, (recoil)α-coin; deduced production σ. JOUR ZAANE 25 s01 183

2005LE42 RADIOACTIVITY ^{217,218,218m,219}U(α); measured Eα, $T_{1/2}$. ^{217,218,219}U deduced ground state J, π. ^{218}U deduced isomer J, π. Implications for Z=92 shell closure discussed. JOUR ZAANE 25 s01 183

A=218

^{218}U 2005LE42 NUCLEAR REACTIONS ^{182}W(^{40}Ar, xn)^{217}U / ^{218}U / ^{218m}U / ^{219}U, E=186 MeV; measured Eα, $\alpha\alpha$-, (recoil)α-coin; deduced production σ. JOUR ZAANE 25 s01 183

2005LE42 RADIOACTIVITY ^{217,218,218m,219}U(α); measured Eα, $T_{1/2}$. ^{217,218,219}U deduced ground state J, π. ^{218}U deduced isomer J, π. Implications for Z=92 shell closure discussed. JOUR ZAANE 25 s01 183

A=219

^{219}U 2005LE42 NUCLEAR REACTIONS ^{182}W(^{40}Ar, xn)^{217}U / ^{218}U / ^{218m}U / ^{219}U, E=186 MeV; measured Eα, $\alpha\alpha$-, (recoil)α-coin; deduced production σ. JOUR ZAANE 25 s01 183

2005LE42 RADIOACTIVITY ^{217,218,218m,219}U(α); measured Eα, $T_{1/2}$. ^{217,218,219}U deduced ground state J, π. ^{218}U deduced isomer J, π. Implications for Z=92 shell closure discussed. JOUR ZAANE 25 s01 183

A=220

No references found

A=221

No references found

A=222

^{222}Rn	2004KU35	RADIOACTIVITY ^{238}Pu, ^{226}Ra(α); ^{152}Eu(EC); measured low-energy electron spectra, angular distributions, (electron)α-, (electron)γ-, (electron)(X-ray)-coin. JOUR BRSPE 68 1358

A=223

No references found

A=224

No references found

A=225

No references found

A=226

^{226}Ra	2004KU35	RADIOACTIVITY ^{238}Pu, ^{226}Ra(α); ^{152}Eu(EC); measured low-energy electron spectra, angular distributions, (electron)α-, (electron)γ-, (electron)(X-ray)-coin. JOUR BRSPE 68 1358

A=227

No references found

A=228

No references found

A=229

^{229}Ra	2005HE26	ATOMIC MASSES ^{229,230,231,232}Ra, ^{230}Fr; measured masses. Penning trap mass spectrometer. JOUR ZAANE 25 s01 17

A=230

^{230}Fr	2005HE26	ATOMIC MASSES ^{229,230,231,232}Ra, ^{230}Fr; measured masses. Penning trap mass spectrometer. JOUR ZAANE 25 s01 17
^{230}Ra	2005HE26	ATOMIC MASSES ^{229,230,231,232}Ra, ^{230}Fr; measured masses. Penning trap mass spectrometer. JOUR ZAANE 25 s01 17

A=231

^{231}Ra	2005HE26	ATOMIC MASSES ^{229,230,231,232}Ra, ^{230}Fr; measured masses. Penning trap mass spectrometer. JOUR ZAANE 25 s01 17

A=232

^{232}Ra	2005HE26	ATOMIC MASSES ^{229,230,231,232}Ra, ^{230}Fr; measured masses. Penning trap mass spectrometer. JOUR ZAANE 25 s01 17

A=233

^{233}Th	2004HA64	NUCLEAR REACTIONS ^{232}Th(n, γ), E=0.05-2 MeV; ^{230}Th, ^{231,233}Pa(n, F), E=0.5-10 MeV; measured σ. Comparison with previous results. JOUR BJPHE 34 814

A=234

^{234}U	2004KU35	RADIOACTIVITY ^{238}Pu, ^{226}Ra(α); ^{152}Eu(EC); measured low-energy electron spectra, angular distributions, (electron)α-, (electron)γ-, (electron)(X-ray)-coin. JOUR BRSPE 68 1358

A=235

^{235}Ac	2005GEZW	ATOMIC MASSES ^{235}Ac; measured mass, $T_{1/2}$. ^{185,186,187,188,189,190,191,192,193,194,195,196}Bi; measured masses, proton separation energies. ^{207m}Tl; measured $T_{1/2}$. Stored beams, Schottky mass spectrometry. PREPRINT nucl-ex/0510009,10/4/2005

A=236

^{236}U	2005CSZZ	NUCLEAR REACTIONS ^{235}U(d, pF), E=13 MeV; measured Ep, fission fragment angular correlations. ^{236}U deduced hyperdeformed resonances. REPT MLL 2004 Annual,P19,Csige
	2005RY03	NUCLEAR REACTIONS ^{232}Th, ^{238}U(n, F), E=21-95 MeV; measured fission fragments angular distributions, anisotropy. ^{232}Th, ^{238}U(n, F), E=0-95 MeV; ^{232}Th, ^{238}U(n, 2n), (n, 3n), (n, xnF), E=0-20 MeV; calculated σ, fission fragments angular anisotropy. ^{238}U(n, pX), E=25-65 MeV; calculated σ. Multichance fission, saddle-point statistical model analysis. JOUR NUPAB 760 19

A=237

^{237}U	2005RY03	NUCLEAR REACTIONS ^{232}Th, ^{238}U(n, F), E=21-95 MeV; measured fission fragments angular distributions, anisotropy. ^{232}Th, ^{238}U(n, F), E=0-95 MeV; ^{232}Th, ^{238}U(n, 2n), (n, 3n), (n, xnF), E=0-20 MeV; calculated σ, fission fragments angular anisotropy. ^{238}U(n, pX), E=25-65 MeV; calculated σ. Multichance fission, saddle-point statistical model analysis. JOUR NUPAB 760 19
^{237}Np	2005MA90	RADIOACTIVITY ^{242}Am(β^-), (EC) [from ^{241}Am(n, γ)]; measured $\beta\gamma$-coin; deduced source activity. ^{241}Am(α); measured Eα. JOUR NIMAE 553 559
	2005PA56	RADIOACTIVITY ^{252}Cf(SF); measured neutron emission rates. ^{241}Am(α); measured neutron emission rates for Am-Be source. Manganese sulphate bath system. JOUR KPSJA 47 603

A=238

^{238}U	2005YO12	RADIOACTIVITY ^{238}U(SF); measured spontaneous fission decay constant. Solid-state nuclear track detectors. JOUR NIMAE 555 386
^{238}Np	2005RE25	NUCLEAR REACTIONS ^{237}Np(n, γ), E=0.01-10 eV; measured σ. Comparison with previous results. JOUR NIMBE 241 176
^{238}Pu	2004KU35	RADIOACTIVITY ^{238}Pu, ^{226}Ra(α); ^{152}Eu(EC); measured low-energy electron spectra, angular distributions, (electron)α-, (electron)γ-, (electron)(X-ray)-coin. JOUR BRSPE 68 1358

A=239

No references found

A=240

^{240}Pu	2005THZZ	NUCLEAR REACTIONS ^{232}Th, ^{238}U(α, 2n), E=20-27 MeV; measured prompt and delayed fission fragment yields; deduced excitation functions for isomeric and prompt fission. REPT MLL 2004 Annual,P17,Thirolf

A=241

^{241}Am	2005MA90	RADIOACTIVITY ^{242}Am(β^-), (EC) [from ^{241}Am(n, γ)]; measured $\beta\gamma$-coin; deduced source activity. ^{241}Am(α); measured Eα. JOUR NIMAE 553 559
	2005PA56	RADIOACTIVITY ^{252}Cf(SF); measured neutron emission rates. ^{241}Am(α); measured neutron emission rates for Am-Be source. Manganese sulphate bath system. JOUR KPSJA 47 603

A=242

^{242}Pu	2005MA90	RADIOACTIVITY ^{242}Am(β^-), (EC) [from ^{241}Am(n, γ)]; measured $\beta\gamma$-coin; deduced source activity. ^{241}Am(α); measured Eα. JOUR NIMAE 553 559
^{242}Am	2005MA90	RADIOACTIVITY ^{242}Am(β^-), (EC) [from ^{241}Am(n, γ)]; measured $\beta\gamma$-coin; deduced source activity. ^{241}Am(α); measured Eα. JOUR NIMAE 553 559
^{242}Cm	2005MA90	RADIOACTIVITY ^{242}Am(β^-), (EC) [from ^{241}Am(n, γ)]; measured $\beta\gamma$-coin; deduced source activity. ^{241}Am(α); measured Eα. JOUR NIMAE 553 559

A=243

^{243}Es	2005HE27	RADIOACTIVITY ^{247,249,251,253,255}Md(α) [from ^{209}Bi(^{40}Ar, xn), (^{50}Ti, xn), ^{207,207}Pb, ^{209}Bi(^{48}Ca, xn) and subsequent decay]; measured Eα, Eγ, $\alpha\gamma$-coin; deduced branching ratios, hindrance factors. ^{243,245,247,249,251}Es deduced levels, J, π, configurations, deformation. Comparison with model predictions. JOUR ZAANE 26 233

A=244

^{244}Cm	2004NA44	RADIOACTIVITY ^{244}Cm(SF); measured fission fragments isomeric yield ratios; deduced fragment angular momentum distributions. JOUR RAACA 92 1

A=245

^{245}Es	2005HE27	RADIOACTIVITY ^{247,249,251,253,255}Md(α) [from ^{209}Bi(^{40}Ar, xn), (^{50}Ti, xn), ^{207,207}Pb, ^{209}Bi(^{48}Ca, xn) and subsequent decay]; measured Eα, Eγ, $\alpha\gamma$-coin; deduced branching ratios, hindrance factors. ^{243,245,247,249,251}Es deduced levels, J, π, configurations, deformation. Comparison with model predictions. JOUR ZAANE 26 233

A=246

No references found

A=247

^{247}Es	2005GR36	RADIOACTIVITY ^{255}Lr, ^{251}Md(α) [from ^{209}Bi(^{48}Ca, 2n) and subsequent decay]; measured Eα, $\alpha\alpha$-coin; deduced excited state decay. JOUR ZAANE 25 s01 599
	2005HE27	RADIOACTIVITY ^{247,249,251,253,255}Md(α) [from ^{209}Bi(^{40}Ar, xn), (^{50}Ti, xn), ^{207,207}Pb, ^{209}Bi(^{48}Ca, xn) and subsequent decay]; measured Eα, Eγ, $\alpha\gamma$-coin; deduced branching ratios, hindrance factors. ^{243,245,247,249,251}Es deduced levels, J, π, configurations, deformation. Comparison with model predictions. JOUR ZAANE 26 233
^{247}Md	2005HE27	RADIOACTIVITY ^{247,249,251,253,255}Md(α) [from ^{209}Bi(^{40}Ar, xn), (^{50}Ti, xn), ^{207,207}Pb, ^{209}Bi(^{48}Ca, xn) and subsequent decay]; measured Eα, Eγ, $\alpha\gamma$-coin; deduced branching ratios, hindrance factors. ^{243,245,247,249,251}Es deduced levels, J, π, configurations, deformation. Comparison with model predictions. JOUR ZAANE 26 233

A=248

No references found

A=249

^{249}Es	2005HE27	RADIOACTIVITY ^{247,249,251,253,255}Md(α) [from ^{209}Bi(^{40}Ar, xn), (^{50}Ti, xn), ^{207,207}Pb, ^{209}Bi(^{48}Ca, xn) and subsequent decay]; measured Eα, Eγ, $\alpha\gamma$-coin; deduced branching ratios, hindrance factors. ^{243,245,247,249,251}Es deduced levels, J, π, configurations, deformation. Comparison with model predictions. JOUR ZAANE 26 233
^{249}Md	2005HE27	RADIOACTIVITY ^{247,249,251,253,255}Md(α) [from ^{209}Bi(^{40}Ar, xn), (^{50}Ti, xn), ^{207,207}Pb, ^{209}Bi(^{48}Ca, xn) and subsequent decay]; measured Eα, Eγ, $\alpha\gamma$-coin; deduced branching ratios, hindrance factors. ^{243,245,247,249,251}Es deduced levels, J, π, configurations, deformation. Comparison with model predictions. JOUR ZAANE 26 233

A=250

No references found

A=251

^{251}Cf	2005AH09	RADIOACTIVITY ^{255}Fm(α); measured Eγ, Iγ. ^{251}Es(EC); measured Eγ, Iγ, E(ce), I(ce). ^{251}Cf deduced levels, J, π, configurations, vibrational states. JOUR PRVCA 72 054308
^{251}Es	2005AH09	RADIOACTIVITY ^{255}Fm(α); measured Eγ, Iγ. ^{251}Es(EC); measured Eγ, Iγ, E(ce), I(ce). ^{251}Cf deduced levels, J, π, configurations, vibrational states. JOUR PRVCA 72 054308

A=251 ***(continued)***

	2005HE27	RADIOACTIVITY ^{247,249,251,253,255}Md(α) [from ^{209}Bi(^{40}Ar, xn), (^{50}Ti, xn), ^{207,207}Pb, ^{209}Bi(^{48}Ca, xn) and subsequent decay]; measured Eα, Eγ, $\alpha\gamma$-coin; deduced branching ratios, hindrance factors. ^{243,245,247,249,251}Es deduced levels, J, π, configurations, deformation. Comparison with model predictions. JOUR ZAANE 26 233
^{251}Md	2005GR36	RADIOACTIVITY ^{255}Lr, ^{251}Md(α) [from ^{209}Bi(^{48}Ca, 2n) and subsequent decay]; measured Eα, $\alpha\alpha$-coin; deduced excited state decay. JOUR ZAANE 25 s01 599
	2005GR36	NUCLEAR REACTIONS ^{205}Tl(^{48}Ca, 2n), E=218 MeV; measured Eγ, Iγ, (recoil)γ-coin. Jurogam array. JOUR ZAANE 25 s01 599
	2005HE27	RADIOACTIVITY ^{247,249,251,253,255}Md(α) [from ^{209}Bi(^{40}Ar, xn), (^{50}Ti, xn), ^{207,207}Pb, ^{209}Bi(^{48}Ca, xn) and subsequent decay]; measured Eα, Eγ, $\alpha\gamma$-coin; deduced branching ratios, hindrance factors. ^{243,245,247,249,251}Es deduced levels, J, π, configurations, deformation. Comparison with model predictions. JOUR ZAANE 26 233

A=252

^{252}Cf	2005FO17	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{98}Sr, ^{102,104}Zr, ^{137}Xe, ^{143}Ba, ^{152}Ce levels deduced $T_{1/2}$. Gammasphere array, time-gated triple-coincidence method. JOUR ZAANE 25 s01 465
	2005HW06	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{95,97}Sr, ^{99}Zr, ^{108}Tc, ^{133,134}Te, ^{137}Xe levels deduced $T_{1/2}$. Gammasphere array, time-gated triple-coincidence method. JOUR ZAANE 25 s01 463
	2005JO24	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{162,164}Gd deduced levels, J, π. Gammasphere array, level systematics in neighboring nuclides discussed. JOUR ZAANE 25 s01 467
	2005LU21	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{99,101}Y, ^{101,105}Nb deduced levels, J, π, configurations, rotational bands, shape transition features. Gammasphere array, triaxial-rotor-plus-quasiparticle calculations. JOUR JPGPE 31 1303
	2005LU24	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{99,101}Y, ^{101,105}Nb deduced levels, J, π, configurations, deformation. Gammasphere array, triaxial-rotor-plus-particle calculations. JOUR ZAANE 25 s01 469
	2005PA56	RADIOACTIVITY ^{252}Cf(SF); measured neutron emission rates. ^{241}Am(α); measured neutron emission rates for Am-Be source. Manganese sulphate bath system. JOUR KPSJA 47 603
	2005SH49	RADIOACTIVITY ^{252}Cf(SF); measured Doppler-shifted Eγ, Iγ, $\gamma\gamma$-, (fragment)γ-coin. ^{144}Ba deduced transitions $T_{1/2}$, B(E2), transition dipole, quadrupole, and octupole moments for alternating-parity band. Gammasphere array, cluster-model analysis. JOUR ZAANE 25 387
	2005SM08	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, I$\gamma(\theta$, H, t), $\gamma\gamma$-coin. ^{96,100,102}Zr, ^{102,104,106,108}Mo, ^{106,108,110,112}Ru, ^{110,114,116}Pd levels deduced g factors, B(E2). Gammasphere array, time-integral perturbed angular correlation technique. Comparison with interacting boson model predictions. JOUR JPGPE 31 S1433

A=252 *(continued)*

2005ZH36 RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{106}Mo deduced high-spin levels, J, π, chiral vibrational bands. Gammasphere array, tilted-axis cranking model analysis. JOUR ZAANE 25 s01 459

A=253

^{253}Md 2005HE27 RADIOACTIVITY ^{247,249,251,253,255}Md(α) [from ^{209}Bi(^{40}Ar, xn), (^{50}Ti, xn), ^{207,207}Pb, ^{209}Bi(^{48}Ca, xn) and subsequent decay]; measured Eα, Eγ, $\alpha\gamma$-coin; deduced branching ratios, hindrance factors. ^{243,245,247,249,251}Es deduced levels, J, π, configurations, deformation. Comparison with model predictions. JOUR ZAANE 26 233

A=254

^{254}No 2005EE01 NUCLEAR REACTIONS ^{208}Pb(^{48}Ca, 2n), E not given; measured Eγ, Iγ, (recoil)γ-coin. ^{254}No deduced rotational band levels, J, π. Jurogam array, recoil-decay tagging. JOUR ZAANE 25 s01 605

2005EE02 NUCLEAR REACTIONS ^{208}Pb(^{48}Ca, 2n), E=219, 221 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{254}No deduced levels, J, π, rotational band, non-yrast state. Jurogam array, recoil-decay tagging. JOUR ZAANE 26 227

A=255

^{255}Fm 2005AH09 RADIOACTIVITY ^{255}Fm(α); measured Eγ, Iγ. ^{251}Es(EC); measured Eγ, Iγ, E(ce), I(ce). ^{251}Cf deduced levels, J, π, configurations, vibrational states. JOUR PRVCA 72 054308

^{255}Md 2005HE27 RADIOACTIVITY ^{247,249,251,253,255}Md(α) [from ^{209}Bi(^{40}Ar, xn), (^{50}Ti, xn), ^{207,207}Pb, ^{209}Bi(^{48}Ca, xn) and subsequent decay]; measured Eα, Eγ, $\alpha\gamma$-coin; deduced branching ratios, hindrance factors. ^{243,245,247,249,251}Es deduced levels, J, π, configurations, deformation. Comparison with model predictions. JOUR ZAANE 26 233

^{255}Lr 2005GR36 RADIOACTIVITY ^{255}Lr, ^{251}Md(α) [from ^{209}Bi(^{48}Ca, 2n) and subsequent decay]; measured Eα, $\alpha\alpha$-coin; deduced excited state decay. JOUR ZAANE 25 s01 599

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

No references found

A=262

No references found

A=263

No references found

A=264

No references found

A=265

No references found

A=266

No references found

A=267

^{267}Rf	2005OG03	RADIOACTIVITY ^{294}118, ^{290,291,292,293}116, ^{287,288,289}114, ^{285}112, ^{275}Hs(α); ^{286}114, ^{283}112, ^{279}Ds, ^{271}Sg(α), (SF); ^{282,284}112, ^{281}Ds, ^{267}Rf(SF); measured Eα, $T_{1/2}$, branching ratios. JOUR ZAANE 25 s01 589

A=267 ***(continued)***

^{267}Db	2005OG02	RADIOACTIVITY ^{287,288}115, ^{283,284}113, ^{279,280}Rg, ^{275,276}Mt, ^{272}Bh(α) [from ^{243}Am(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$; deduced Qα. ^{267,268}Db(SF); measured $T_{1/2}$. JOUR PRVCA 72 034611

A=268

^{268}Db	2005OG02	RADIOACTIVITY ^{287,288}115, ^{283,284}113, ^{279,280}Rg, ^{275,276}Mt, ^{272}Bh(α) [from ^{243}Am(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$; deduced Qα. ^{267,268}Db(SF); measured $T_{1/2}$. JOUR PRVCA 72 034611

A=269

No references found

A=270

No references found

A=271

^{271}Sg	2005OG03	RADIOACTIVITY ^{294}118, ^{290,291,292,293}116, ^{287,288,289}114, ^{285}112, ^{275}Hs(α); ^{286}114, ^{283}112, ^{279}Ds, ^{271}Sg(α), (SF); ^{282,284}112, ^{281}Ds, ^{267}Rf(SF); measured Eα, $T_{1/2}$, branching ratios. JOUR ZAANE 25 s01 589
^{271}Bh	2005OG02	RADIOACTIVITY ^{287,288}115, ^{283,284}113, ^{279,280}Rg, ^{275,276}Mt, ^{272}Bh(α) [from ^{243}Am(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$; deduced Qα. ^{267,268}Db(SF); measured $T_{1/2}$. JOUR PRVCA 72 034611

A=272

^{272}Bh	2005OG02	RADIOACTIVITY ^{287,288}115, ^{283,284}113, ^{279,280}Rg, ^{275,276}Mt, ^{272}Bh(α) [from ^{243}Am(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$; deduced Qα. ^{267,268}Db(SF); measured $T_{1/2}$. JOUR PRVCA 72 034611

A=273

No references found

A=274

No references found

A=275

^{275}Hs	20050G03	RADIOACTIVITY ^{294}118, ^{290,291,292,293}116, ^{287,288,289}114, ^{285}112, ^{275}Hs(α); ^{286}114, ^{283}112, ^{279}Ds, ^{271}Sg(α), (SF); ^{282,284}112, ^{281}Ds, ^{267}Rf(SF); measured Eα, $T_{1/2}$, branching ratios. JOUR ZAANE 25 s01 589
^{275}Mt	20050G02	RADIOACTIVITY ^{287,288}115, ^{283,284}113, ^{279,280}Rg, ^{275,276}Mt, ^{272}Bh(α) [from ^{243}Am(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$; deduced Qα. ^{267,268}Db(SF); measured $T_{1/2}$. JOUR PRVCA 72 034611

A=276

^{276}Mt	20050G02	RADIOACTIVITY ^{287,288}115, ^{283,284}113, ^{279,280}Rg, ^{275,276}Mt, ^{272}Bh(α) [from ^{243}Am(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$; deduced Qα. ^{267,268}Db(SF); measured $T_{1/2}$. JOUR PRVCA 72 034611

A=277

No references found

A=278

No references found

A=279

^{279}Ds	20050G03	RADIOACTIVITY ^{294}118, ^{290,291,292,293}116, ^{287,288,289}114, ^{285}112, ^{275}Hs(α); ^{286}114, ^{283}112, ^{279}Ds, ^{271}Sg(α), (SF); ^{282,284}112, ^{281}Ds, ^{267}Rf(SF); measured Eα, $T_{1/2}$, branching ratios. JOUR ZAANE 25 s01 589
^{279}Rg	20050G02	RADIOACTIVITY ^{287,288}115, ^{283,284}113, ^{279,280}Rg, ^{275,276}Mt, ^{272}Bh(α) [from ^{243}Am(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$; deduced Qα. ^{267,268}Db(SF); measured $T_{1/2}$. JOUR PRVCA 72 034611

A=280

^{280}Rg	20050G02	RADIOACTIVITY ^{287,288}115, ^{283,284}113, ^{279,280}Rg, ^{275,276}Mt, ^{272}Bh(α) [from ^{243}Am(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$; deduced Qα. ^{267,268}Db(SF); measured $T_{1/2}$. JOUR PRVCA 72 034611

A=281

^{281}Ds	2005OG03	RADIOACTIVITY ^{294}118, ^{290,291,292,293}116, ^{287,288,289}114, ^{285}112, ^{275}Hs(α); ^{286}114, ^{283}112, ^{279}Ds, ^{271}Sg(α), (SF); ^{282,284}112, ^{281}Ds, ^{267}Rf(SF); measured Eα, $T_{1/2}$, branching ratios. JOUR ZAANE 25 s01 589

A=282

^{282}112	2005OG03	NUCLEAR REACTIONS ^{238}U(^{48}Ca, 3n), (^{48}Ca, 4n), ^{233}U, ^{242}Pu(^{48}Ca, 2n), (^{48}Ca, 3n), (^{48}Ca, 4n), E $\approx$ 230-250 MeV; measured σ. JOUR ZAANE 25 s01 589
	2005OG03	RADIOACTIVITY ^{294}118, ^{290,291,292,293}116, ^{287,288,289}114, ^{285}112, ^{275}Hs(α); ^{286}114, ^{283}112, ^{279}Ds, ^{271}Sg(α), (SF); ^{282,284}112, ^{281}Ds, ^{267}Rf(SF); measured Eα, $T_{1/2}$, branching ratios. JOUR ZAANE 25 s01 589

A=283

^{283}112	2005HOZX	NUCLEAR REACTIONS ^{238}U(^{48}Ca, xn), E=233, 236, 239 MeV; measured fission fragment spectra; deduced evidence for ^{283}112. PREPRINT Hofmann
	2005OG03	NUCLEAR REACTIONS ^{238}U(^{48}Ca, 3n), (^{48}Ca, 4n), ^{233}U, ^{242}Pu(^{48}Ca, 2n), (^{48}Ca, 3n), (^{48}Ca, 4n), E $\approx$ 230-250 MeV; measured σ. JOUR ZAANE 25 s01 589
	2005OG03	RADIOACTIVITY ^{294}118, ^{290,291,292,293}116, ^{287,288,289}114, ^{285}112, ^{275}Hs(α); ^{286}114, ^{283}112, ^{279}Ds, ^{271}Sg(α), (SF); ^{282,284}112, ^{281}Ds, ^{267}Rf(SF); measured Eα, $T_{1/2}$, branching ratios. JOUR ZAANE 25 s01 589
^{283}113	2005OG02	RADIOACTIVITY ^{287,288}115, ^{283,284}113, ^{279,280}Rg, ^{275,276}Mt, ^{272}Bh(α) [from ^{243}Am(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$; deduced Qα. ^{267,268}Db(SF); measured $T_{1/2}$. JOUR PRVCA 72 034611

A=284

^{284}112	2005OG03	RADIOACTIVITY ^{294}118, ^{290,291,292,293}116, ^{287,288,289}114, ^{285}112, ^{275}Hs(α); ^{286}114, ^{283}112, ^{279}Ds, ^{271}Sg(α), (SF); ^{282,284}112, ^{281}Ds, ^{267}Rf(SF); measured Eα, $T_{1/2}$, branching ratios. JOUR ZAANE 25 s01 589
^{284}113	2005OG02	RADIOACTIVITY ^{287,288}115, ^{283,284}113, ^{279,280}Rg, ^{275,276}Mt, ^{272}Bh(α) [from ^{243}Am(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$; deduced Qα. ^{267,268}Db(SF); measured $T_{1/2}$. JOUR PRVCA 72 034611

A=285

^{285}112	2005OG03	RADIOACTIVITY ^{294}118, ^{290,291,292,293}116, ^{287,288,289}114, ^{285}112, ^{275}Hs(α); ^{286}114, ^{283}112, ^{279}Ds, ^{271}Sg(α), (SF); ^{282,284}112, ^{281}Ds, ^{267}Rf(SF); measured Eα, $T_{1/2}$, branching ratios. JOUR ZAANE 25 s01 589

A=286

^{286}114	2005OG03	NUCLEAR REACTIONS ^{238}U(^{48}Ca, 3n), (^{48}Ca, 4n), ^{233}U, ^{242}Pu(^{48}Ca, 2n), (^{48}Ca, 3n), (^{48}Ca, 4n), E $\approx$ 230-250 MeV; measured σ. JOUR ZAANE 25 s01 589
	2005OG03	RADIOACTIVITY ^{294}118, ^{290,291,292,293}116, ^{287,288,289}114, ^{285}112, ^{275}Hs(α); ^{286}114, ^{283}112, ^{279}Ds, ^{271}Sg(α), (SF); ^{282,284}112, ^{281}Ds, ^{267}Rf(SF); measured Eα, $T_{1/2}$, branching ratios. JOUR ZAANE 25 s01 589

A=287

^{287}114	2005OG03	NUCLEAR REACTIONS ^{238}U(^{48}Ca, 3n), (^{48}Ca, 4n), ^{233}U, ^{242}Pu(^{48}Ca, 2n), (^{48}Ca, 3n), (^{48}Ca, 4n), E $\approx$ 230-250 MeV; measured σ. JOUR ZAANE 25 s01 589
	2005OG03	RADIOACTIVITY ^{294}118, ^{290,291,292,293}116, ^{287,288,289}114, ^{285}112, ^{275}Hs(α); ^{286}114, ^{283}112, ^{279}Ds, ^{271}Sg(α), (SF); ^{282,284}112, ^{281}Ds, ^{267}Rf(SF); measured Eα, $T_{1/2}$, branching ratios. JOUR ZAANE 25 s01 589
^{287}115	2005OG02	NUCLEAR REACTIONS ^{243}Am(^{48}Ca, 3n), (^{48}Ca, 4n), E=248, 253 MeV; measured delayed Eα, $\alpha\alpha$-coin; deduced σ. JOUR PRVCA 72 034611
	2005OG02	RADIOACTIVITY ^{287,288}115, ^{283,284}113, ^{279,280}Rg, ^{275,276}Mt, ^{272}Bh(α) [from ^{243}Am(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$; deduced Qα. ^{267,268}Db(SF); measured $T_{1/2}$. JOUR PRVCA 72 034611

A=288

^{288}114	2005OG03	NUCLEAR REACTIONS ^{238}U(^{48}Ca, 3n), (^{48}Ca, 4n), ^{233}U, ^{242}Pu(^{48}Ca, 2n), (^{48}Ca, 3n), (^{48}Ca, 4n), E $\approx$ 230-250 MeV; measured σ. JOUR ZAANE 25 s01 589
	2005OG03	RADIOACTIVITY ^{294}118, ^{290,291,292,293}116, ^{287,288,289}114, ^{285}112, ^{275}Hs(α); ^{286}114, ^{283}112, ^{279}Ds, ^{271}Sg(α), (SF); ^{282,284}112, ^{281}Ds, ^{267}Rf(SF); measured Eα, $T_{1/2}$, branching ratios. JOUR ZAANE 25 s01 589
^{288}115	2005OG02	NUCLEAR REACTIONS ^{243}Am(^{48}Ca, 3n), (^{48}Ca, 4n), E=248, 253 MeV; measured delayed Eα, $\alpha\alpha$-coin; deduced σ. JOUR PRVCA 72 034611
	2005OG02	RADIOACTIVITY ^{287,288}115, ^{283,284}113, ^{279,280}Rg, ^{275,276}Mt, ^{272}Bh(α) [from ^{243}Am(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$; deduced Qα. ^{267,268}Db(SF); measured $T_{1/2}$. JOUR PRVCA 72 034611

A=289

^{289}114 20050G03 RADIOACTIVITY ^{294}118, ^{290,291,292,293}116, ^{287,288,289}114, ^{285}112, ^{275}Hs(α); ^{286}114, ^{283}112, ^{279}Ds, ^{271}Sg(α), (SF); ^{282,284}112, ^{281}Ds, ^{267}Rf(SF); measured Eα, $T_{1/2}$, branching ratios. JOUR ZAANE 25 s01 589

A=290

^{290}116 20050G03 RADIOACTIVITY ^{294}118, ^{290,291,292,293}116, ^{287,288,289}114, ^{285}112, ^{275}Hs(α); ^{286}114, ^{283}112, ^{279}Ds, ^{271}Sg(α), (SF); ^{282,284}112, ^{281}Ds, ^{267}Rf(SF); measured Eα, $T_{1/2}$, branching ratios. JOUR ZAANE 25 s01 589

A=291

^{291}116 20050G03 RADIOACTIVITY ^{294}118, ^{290,291,292,293}116, ^{287,288,289}114, ^{285}112, ^{275}Hs(α); ^{286}114, ^{283}112, ^{279}Ds, ^{271}Sg(α), (SF); ^{282,284}112, ^{281}Ds, ^{267}Rf(SF); measured Eα, $T_{1/2}$, branching ratios. JOUR ZAANE 25 s01 589

A=292

^{292}116 20050G03 RADIOACTIVITY ^{294}118, ^{290,291,292,293}116, ^{287,288,289}114, ^{285}112, ^{275}Hs(α); ^{286}114, ^{283}112, ^{279}Ds, ^{271}Sg(α), (SF); ^{282,284}112, ^{281}Ds, ^{267}Rf(SF); measured Eα, $T_{1/2}$, branching ratios. JOUR ZAANE 25 s01 589

A=293

^{293}116 20050G03 RADIOACTIVITY ^{294}118, ^{290,291,292,293}116, ^{287,288,289}114, ^{285}112, ^{275}Hs(α); ^{286}114, ^{283}112, ^{279}Ds, ^{271}Sg(α), (SF); ^{282,284}112, ^{281}Ds, ^{267}Rf(SF); measured Eα, $T_{1/2}$, branching ratios. JOUR ZAANE 25 s01 589

A=294

^{294}118 20050G03 RADIOACTIVITY ^{294}118, ^{290,291,292,293}116, ^{287,288,289}114, ^{285}112, ^{275}Hs(α); ^{286}114, ^{283}112, ^{279}Ds, ^{271}Sg(α), (SF); ^{282,284}112, ^{281}Ds, ^{267}Rf(SF); measured Eα, $T_{1/2}$, branching ratios. JOUR ZAANE 25 s01 589

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