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44 reference(s) found :

Keynumber: 2000VA13

Reference: Fiz.Elem.Chastits At.Yadra 31, 350 (2000); Phys.Part.Nucl. 31, 170 (2000)

Authors: E.V.Vasileva, A.M.Sukhovi, V.A.Khitrov

Title: Influence of the Structure of Excited States in Heavy Ions on the Process of Cascade γ -Decay at Energies below the Neutron Binding Energy

Keyword abstract: NUCLEAR REACTIONS ^{127}I , 155 , ^{157}Gd , ^{173}Yb , ^{180}Hf , ^{182}W , ^{189}Os , ^{197}Au (n, γ),E not given; analyzed level densities,dipole strength distributions,two-step cascade intensities following neutron capture; deduced structure effects.

Keynumber: 2000GR12

Reference: Yad.Fiz. 63, No 3, 484 (2000); Phys.Atomic Nuclei 63, 414 (2000)

Authors: O.T.Grudzevich

Title: Temperature Dependence of Radiative Strength Functions and Isomeric Cross Sections

Keyword abstract: NUCLEAR REACTIONS 182 , 183 , 184 , ^{186}W (n, γ),E=0.5 MeV; calculated γ spectra. 74 , ^{82}Se , ^{87}Rb , ^{92}Mo , ^{115}In (n,2n),E=12-18 MeV; 151 , ^{153}Eu (γ ,n),E=12-24 MeV; ^{90}Zr (γ ,n), (n,2n),E=12-25 MeV; ^{179}Hf , ^{181}Ta (γ ,p),E=17-24 MeV; calculated isomer production ratios. ^{180}Hf , ^{190}Os , ^{191}Ir , ^{197}Au (γ , γ),E=1-13 MeV; calculated isomer production σ . Comparisons with data. Other reactions discussed.

Keynumber: 1999SU03

Reference: Yad.Fiz. 62, No 1, 24 (1999); Phys.Atomic Nuclei 62, 19 (1999)

Authors: A.M.Sukhovi, V.A.Khitrov

Title: Experimental Estimate of the Density of Levels in a Heavy Nucleus That Are Excited in (n, γ) Reactions at Excitation Energies of 3 to 4 MeV

Keyword abstract: NUCLEAR REACTIONS ^{113}Cd , ^{123}Te , ^{145}Nd , ^{149}Sm , 155 , ^{157}Gd , 162 , 163 , ^{164}Dy , ^{167}Er , 173 , ^{174}Yb , 177 , 178 , ^{180}Hf , 187 , ^{189}Os , ^{195}Pt , ^{199}Hg , ^{127}I , ^{159}Tb , ^{165}Ho , ^{169}Tm , ^{175}Lu , ^{181}Ta , ^{191}Ir , ^{197}Au , ^{124}Te , 182 , ^{185}W (n, γ),E=thermal; analyzed I γ ; deduced non-exponential level densities.

Keynumber: 1999BO14

Reference: Yad.Fiz. 62, No 5, 892 (1999); Phys.Atomic Nuclei 62, 832 (1999)

Authors: S.T.Boneva, E.V.Vasilieva, L.I.Simonova, V.A.Bondarenko, A.M.Sukhovi, V.A.Khitrov

Title: (n, γ) Reactions in Heavy Nuclei: Manifestations of nuclear structure at excitation energies up to the neutron binding energy

Keyword abstract: NUCLEAR REACTIONS ^{113}Cd , 123 , ^{124}Te , ^{127}I , 134 , 136 , 137 , ^{138}Ba , ^{139}La , 142 , 143 , ^{145}Nd , ^{149}Sm , 155 , ^{157}Gd , ^{159}Tb , 162 , 163 , ^{164}Dy , ^{165}Ho , ^{167}Er , ^{169}Tm , 173 , 174 , ^{176}Yb , 175 , ^{176}Lu , 177 , 178 , 179 , ^{180}Hf , ^{181}Ta , 182 , ^{186}W , 187 , ^{189}Os , ^{191}Ir , ^{195}Pt , ^{197}Au , ^{199}Hg (n, γ),E not given; analyzed two-photon γ cascade data; deduced structure effects.

Keynumber: 1997SU29

Reference: Bull.Rus.Acad.Sci.Phys. 61, 1611 (1997)

Authors: A.M.Sukhovi, V.A.Khitrov

Title: Cascade Gamma Decay of the Compound State of Heavy Nucleus as Seen Experimentally

Keyword abstract: NUCLEAR REACTIONS ^{113}Cd , ^{127}I , ^{123}Te , 134 , 136 , 137 , ^{138}Ba , 142 , 143 , ^{145}Nd , ^{149}Sm , 155 , ^{157}Gd , ^{159}Tb , ^{165}Ho , 162 , 163 , ^{164}Dy , ^{167}Er , ^{169}Tm , 173 , 174 , ^{176}Yb , 175 , ^{176}Lu , 177 , 178 ,

179, 180Hf, 195Pt, 199Hg, 181Ta, 182, 186W, 191Ir, 197Au(n, γ),E=thermal; analyzed γ spectra, $\gamma\gamma$ -coin. 114Cd, 124Te, 137, 138, 139Ba, 146Nd, 150Sm, 156, 158Gd, 160Tb, 164Dy, 168Er, 170Tm, 174Yb, 181Hf, 196Pt, 200Hg, 182Ta, 183W, 192Ir, 198Au deduced two-quantum cascade intensities vs excitation energy,level density parameters,pairing features.

Keynumber: 1997PRZY

Reference: Proc.9th Intern.Symposium on Capture Gamma-Ray Spectroscopy and Related Topics, Budapest, Hungary, October 1996, G.L.Molnar, T.Belgya, Zs.Revay, Eds., Vol.1, p.319 (1997)

Authors: P.Prokofjevs, L.Simonova, J.Berzins, V.Bondarenko, M.Balodis, V.A.Afanasiev, M.Beitins, M.Kessler, T.von Egidy, T.Korbitz, R.Georgii, J.Ott, W.Schauer, V.O.Nesterenko, N.A.Bonch-Osmolovskaya

Title: Nuclear Structure of ^{183}W Studied in (n, γ), (n,n' γ) and (d,p) Reactions

Keyword abstract: NUCLEAR REACTIONS $^{182}\text{W}(n,\gamma)$, $^{183}\text{W}(n,n'\gamma)$,E=reactor; $^{182}\text{W}(d,p)$,E not given; measured $E\gamma$, $I\gamma$. ^{183}W deduced levels,J, π ,configurations.

Keynumber: 1997PR02

Reference: Nucl.Phys. A614, 183 (1997)

Authors: P.Prokofjevs, L.Simonova, J.Berzins, V.Bondarenko, M.Balodis, A.V.Afanasjev, M.Beitins, M.Kessler, T.von Egidy, T.Korbitz, R.Georgii, J.Ott, W.Schauer, V.O.Nesterenko, N.A.Bonch-Osmolovskaya

Title: Nuclear Structure of ^{183}W Studied in (n, γ), (n,n' γ) and (d,p) Reactions

Keyword abstract: NUCLEAR REACTIONS $^{182}\text{W}(n,\gamma)$,E=thermal; measured $E\gamma$, $I\gamma$, $\gamma\gamma$ -coin,neutron binding energy. $^{183}\text{W}(n,n'\gamma)$,E=fast; measured $E\gamma$, $I\gamma$. $^{182}\text{W}(d,p)$,E=26 MeV; measured proton spectra,intensities. ^{183}W deduced levels,J, π ,rotation,vibrational bands. ^{183}W nuclear structure calculations. Quasiparticle-phonon,quasiparticle-rotation-vibration model.

Keynumber: 1992AFZY

Reference: Program and Thesis, Proc.42nd Ann.Conf.Nucl.Spectrosc.Struct.At.Nuclei, Alma-Ata, p.103 (1992)

Authors: A.V.Afanasev, M.R.Beitinsh, V.A.Bondarenko, I.L.Kuvaga, P.T.Prokofev, L.I.Simonova, G.L.Rezvaya

Title: Investigation of ^{183}W Excited States in Reactions with Neutrons

Keyword abstract: NUCLEAR REACTIONS $^{182}\text{W}(n,\gamma)$,E=thermal; $^{183}\text{W}(n,n'\gamma)$,E=fast; measured γ -spectra, $\gamma\gamma$ -coin. ^{183}W deduced levels,J, π .

Keynumber: 1991BO14

Reference: Z.Phys. A338, 319 (1991)

Authors: S.T.Boneva, V.A.Khitrov, A.M.Sukhovej, A.V.Voinov

Title: Intensities of Two-Quanta Cascades at Different Excitation Energies of Compound Nuclei ^{146}Nd , ^{174}Yb and ^{183}W

Keyword abstract: NUCLEAR REACTIONS ^{145}Nd , ^{173}Yb , $^{182}\text{W}(n,\gamma)$,E=reactor; analyzed cascade $I\gamma$. ^{146}Nd , ^{174}Yb , ^{183}W deduced two-quanta cascade energy dependence.

Keynumber: 1990BOZV

Reference: JINR-E3-90-45 (1990)

Authors: S.T.Boneva, V.A.Khitrov, A.M.Sukhovi, A.V.Voinov

Title: Intensities of Two-Quanta Cascades at Different Excitation Energies of Compound Nuclei ^{146}Nd ,

^{147}Yb and ^{183}W

Keyword abstract: NUCLEAR REACTIONS ^{145}Nd , ^{173}Yb , $^{182}\text{W}(n,\gamma)$; measured $\gamma\gamma$ -coin, $I\gamma\gamma$ vs primary transition $E\gamma$. Amplitude summation method. Fermi-gas model, Strutinsky shell correction approach.

Keynumber: 1989BO30

Reference: Izv.Akad.Nauk SSSR, Ser.Fiz. 53, 7 (1989); Bull.Acad.Sci.USSR, Phys.Ser. 53, No.1, 6 (1989)

Authors: S.T.Boneva, E.V.Vasileva, Yu.P.Popov, A.M.Sukhovoi, V.A.Khitrov, Yu.S.Yazvitsky

Title: Intensive Two-Quantum Cascades and New Levels in ^{183}W

Keyword abstract: NUCLEAR REACTIONS $^{182}\text{W}(n,\gamma)$, E=thermal; measured $\gamma\gamma$ -coin. ^{183}W deduced levels, $I\gamma\gamma$.

Keynumber: 1989BEYT

Reference: Program and Thesis, Proc.39th Ann.Conf.Nucl.Spectrosc.Struct.At.Nuclei, Tashkent, p.118 (1989)

Authors: M.R.Beitinsh, P.T.Prokofev

Title: Investigation of ^{183}W in Reactions Induced by Neutrons

Keyword abstract: NUCLEAR REACTIONS $^{182}\text{W}(n,\gamma)$, E=thermal; measured $E\gamma$, $I\gamma$. ^{183}W deduced levels. Enriched target, Ge detector.

Keynumber: 1988BOZN

Reference: Program and Theses, Proc.38th Ann.Conf.Nucl.Spectrosc.Struct.At.Nuclei, Baku, p.122 (1988)

Authors: S.T.Boneva, E.V.Vasileva, Yu.P.Popov, A.M.Sukhovoi, V.A.Khitrov, Yu.S.Yazvitsky

Title: An Intense Two-Quanta Cascade in ^{183}W

Keyword abstract: NUCLEAR REACTIONS $^{182}\text{W}(n,\gamma)$, E=thermal; measured $E\gamma$, $I\gamma$, $\gamma\gamma$ -coin. ^{183}W deduced levels. Amplitude summation method.

Keynumber: 1988BOZK

Reference: JINR-P6-88-118 (1988)

Authors: S.T.Boneva, E.V.Vasileva, Yu.P.Popov, A.M.Sukhovoi, V.A.Khitrov, Yu.S.Yazvitsky

Title: Intense Two-Quantum Cascades and New Levels in ^{183}W

Keyword abstract: NUCLEAR REACTIONS $^{182}\text{W}(n,\gamma)$, E=thermal; measured $E\gamma$, $\gamma\gamma$ -coin, $I\gamma$. ^{183}W deduced levels, J,π . Ge(Li) detectors, amplitude summation method.

Keynumber: 1987KO37

Reference: Yad.Fiz. 46, 51 (1987)

Authors: V.N.Kononov, E.D.Poletaev, V.M.Timokhov, G.N.Manturov, M.V.Bokhovko, A.A.Voevodsky

Title: Fast Neutron Capture Cross Sections and Transmissions for Tungsten Isotopes

Keyword abstract: NUCLEAR REACTIONS 180 , 182 , 183 , 184 , $^{186}\text{W}(n,\gamma)$, E=5-400 keV; 180 , 182 , 183 , 184 , $^{186}\text{W}(n,X)$, E=5-1000 keV; measured $\sigma(E)$, transmission. 181 , 183 , 185 , ^{187}W deduced p-, d-wave neutron strength functions. Tof. Statistical theory analyses.

Keynumber: 1987KN08

Reference: Z.Naturforsch. 42a, 909 (1987)

Authors: K.Knopf, W.Waschkowski

Title: Wechselwirkung von Neutronen mit Wolfram und seinen Isotopen

Keyword abstract: NUCLEAR REACTIONS W, ¹⁸², ¹⁸³, ¹⁸⁴, ¹⁸⁶W(n,n), (n,γ),E=thermal; measured coherent neutron scattering lengths,total σ.

Keynumber: 1986VO03

Reference: Nucl.Sci.Eng. 93, 43 (1986); Corrigendum Nucl.Sci.Eng. 96 343 (1987)

Authors: J.Voignier, S.Joly, G.Grenier

Title: Capture Cross Sections and Gamma-Ray Spectra from the Interaction of 0.5- to 3.0-MeV Neutrons with Nuclei in the Mass Range A = 63 to 209

Keyword abstract: NUCLEAR REACTIONS Cu, ⁸⁹Y,Zr, ⁹³Nb,La,Gd, ¹⁵⁹Tb, ¹⁸¹Ta,Re,Pt,Tl, ²⁰⁹Bi, ⁶³, ⁶⁵Cu, ¹⁵⁵, ¹⁵⁶, ¹⁵⁷, ¹⁵⁸, ¹⁶⁰Gd, ¹⁸², ¹⁸³, ¹⁸⁴, ¹⁸⁶W, ²⁰³, ²⁰⁵Tl(n,γ),E=0.5-3 MeV; measured absolute σ(E); deduced capture γ-multiplicity.

Keynumber: 1983MA20

Reference: Nucl.Sci.Eng. 84, 98 (1983)

Authors: R.L.Macklin, D.M.Drake, E.D.Arthur

Title: Neutron Capture Cross Sections of ¹⁸²W, ¹⁸³W, ¹⁸⁴W, and ¹⁸⁶W from 2.6 to 2000 keV

Keyword abstract: NUCLEAR REACTIONS ¹⁸², ¹⁸³, ¹⁸⁴, ¹⁸⁶W(n,γ),E=2.6-2000 keV; measured σ (capture) vs E. ¹⁸⁴W deduced resonances,J,π, (gΓγΓn/Γ). ¹⁸³, ¹⁸⁵, ¹⁸⁷W deduced resonances,J,π, (gΓγΓn/Γ),<Γγ>D,s-,p-,d-wave strength functions,average level spacing.

Keynumber: 1982MAZS

Reference: LA-9200-MS (1982)

Authors: R.L.Macklin, D.M.Drake, E.D.Arthur

Title: Neutron-Capture Cross Sections of the Tungsten Isotopes ¹⁸²W, ¹⁸³W, ¹⁸⁴W, and ¹⁸⁶W from 2.6 to 2000 keV

Keyword abstract: NUCLEAR REACTIONS ¹⁸², ¹⁸³, ¹⁸⁴, ¹⁸⁶W(n,γ),E=2.6-2000 keV; measured σ (capture) vs E. ¹⁸³, ¹⁸⁴, ¹⁸⁵, ¹⁸⁷W deduced resonances,J,π,Γγ,resonance parameters.

Keynumber: 1981VOZW

Reference: CEA-R-5089 (1981)

Authors: J.Voignier, S.Joly, G.Grenier

Title: Neutron Capture Cross Section Measurements of Rubidium, Yttrium, Niobium, Gadolinium, Tungsten, Platinum and Thallium between 0.5 and 3.0 MeV

Keyword abstract: NUCLEAR REACTIONS Rb,Y,Nb,Gd,W,Pt,Tl, ¹⁵⁵, ¹⁵⁶, ¹⁵⁷, ¹⁵⁸, ¹⁶⁰Gd, ¹⁸², ¹⁸³, ¹⁸⁴, ¹⁸⁶W, ²⁰³, ²⁰⁵Tl(n,γ),E=0.5-3 MeV; measured absolute σ. Integrated spectrum method.

Keynumber: 1981VOZU

Coden: REPT NEANDC(E)-210-L,Voignier

Keyword abstract: NUCLEAR REACTIONS Rb,Y,Nb,Gd,W,Pt,Tl, ¹⁵⁵, ¹⁵⁶, ¹⁵⁷, ¹⁵⁸, ¹⁶⁰Gd, ¹⁸², ¹⁸³, ¹⁸⁴, ¹⁸⁶W, ²⁰³, ²⁰⁵Tl(n,γ),E=0.5-3 MeV; measured absolute σ(capture) vs E. Integrated spectrum method.

Keynumber: 1981ST16

Reference: Phys.Rev. C24, 1419 (1981)

Authors: M.L.Stelts, R.E.Chrien, M.K.Martel

Title: Nuclear Level Densities from Resonance Averaged Neutron Capture γ-Ray Spectra

Keyword abstract: NUCLEAR REACTIONS ¹⁴⁷, ¹⁴⁹, ¹⁵⁴Sm, ¹⁶⁵Ho, ¹⁶⁷Er, ¹⁸¹Ta, ¹⁸²W, ¹⁸⁹Os,

^{195}Pt , ^{197}Au , 236 , $^{238}\text{U}(n,\gamma)$, $E=2,24$ keV; measured $E\gamma, I\gamma$ for average resonance capture. 148 , 150 , ^{155}Sm , ^{166}Ho , ^{168}Er , ^{182}Ta , ^{183}W , ^{190}Os , ^{196}Pt , ^{198}Au , 237 , ^{239}U deduced level density parameters. Fermi gas model.

Keynumber: 1981GRZY

Reference: CEA-N-2195 (1981)

Authors: G.Grenier, J.Voignier, S.Joly

Title: Capture Cross-Section Measurements for Different Elements at Neutron Energies between 0.5 and 3.0 MeV

Keyword abstract: NUCLEAR REACTIONS Rb, ^{89}Y , ^{93}Nb , Gd, W, Pt, Tl, 155 , 156 , 157 , 158 , ^{160}Gd , 182 , 183 , 184 , ^{186}W , 203 , $^{205}\text{Tl}(n,\gamma)$, $E=0.5-3$ MeV; measured $\sigma(E)$. NaI scintillator, γ -detection. Statistical model.

Keynumber: 1979STZY

Reference: Bull.Am.Phys.Soc. 24, No.1, 53, HF11 (1979)

Authors: M.L.Stelts, R.E.Chrien, C.W.Reich, C.M.McCullagh

Title: Low Spin States in ^{183}W

Keyword abstract: NUCLEAR REACTIONS $^{182}\text{W}(n,\gamma)$, $E=\text{thermal}, 2,24$ keV; measured $E\gamma, I\gamma$. ^{183}W deduced low-spin states.

Keynumber: 1979GRZO

Reference: Bull.Am.Phys.Soc. 24, No.7, 871, CC5 (1979)

Authors: G.Grenier, J.P.Delaroche, S.Joly, Ch.Lagrange, J.Voignier

Title: Neutron Capture Cross Sections of Y, Nb, Gd, W and Au between 0.5 MeV and 3.0 MeV

Keyword abstract: NUCLEAR REACTIONS Y, Nb, Gd, W, 155 , 156 , 157 , 158 , ^{160}Gd , 182 , 183 , 184 , ^{186}W , $\text{Au}(n,\gamma)$, $E=0.5$ MeV-3.0 MeV; measured σ . Statistical model calculations.

Keynumber: 1978STZZ

Coden: JOUR BAPSA 23 91 JE10 Stelts

Keyword abstract: NUCLEAR REACTIONS $^{182}\text{W}(n,\gamma)$, $E=2,24$ keV; measured $E\gamma, I\gamma$. ^{183}W deduced levels, π .

Keynumber: 1973YOZM

Coden: REPT LA-5375-PR P15

Keyword abstract: NUCLEAR REACTIONS 182 , 183 , 184 , $^{186}\text{W}(n,\gamma)$; analyzed data.

Keynumber: 1973GRYC

Coden: REPT ANCR-1129 P73

Keyword abstract: NUCLEAR REACTIONS Gd, 182 , ^{183}W , $\text{Ta}(n,\gamma)$, $E=25$ keV; measured $E\gamma, I\gamma$.

Keynumber: 1973CA02

Reference: Phys.Rev. C7, 419 (1973)

Authors: R.F.Casten, W.R.Kane

Title: Study of High-Lying States in ^{179}Hf and 183 , ^{184}W with the (n,γ) Reaction

Keyword abstract: NUCLEAR REACTIONS ^{178}Hf , 182 , $^{183}\text{W}(n,\gamma)$, $E=4.1, 7.6, 7.78, 21.2$ eV; measured $E\gamma, I\gamma$. ^{179}Hf , 183 , ^{184}W deduced levels, J, π .

Keynumber: 1972ST06

Reference: Nucl.Phys. A181, 250 (1972)

Authors: F.Stecher-Rasmussen, J.Kopecky, K.Abrahams, W.Ratynski

Title: Circular Polarization of Neutron Capture γ -Rays from Mn, Ni, Ga and W

Keyword abstract: NUCLEAR REACTIONS ^{55}Mn , $^{58, 60, 62}\text{Ni}$, $^{69, 71}\text{Ga}$, $^{182, 183, 186}\text{W}$ (polarized n, γ),E=thermal; measured γ -CP. ^{56}Mn , $^{59, 61, 63}\text{Ni}$, $^{70, 72}\text{Ga}$, $^{183, 184, 187}\text{W}$ levels deduced J, π . Natural targets.

Keynumber: 1972RA26

Reference: Nucl.Sci.Eng. 48, 219 (1972)

Authors: F.Rahn, H.S.Camarda, G.Hacken, W.W.Havens,Jr., H.I.Liou, J.Rainwater, M.Slagowitz, S.Wynchank

Title: Values of the Neutron Resonance Capture Integral for Some Rare Earth Isotopes

Keyword abstract: NUCLEAR REACTIONS $^{152, 154}\text{Sm}$, ^{153}Eu , $^{154, 158, 160}\text{Gd}$, $^{166, 167, 168, 170}\text{Er}$, $^{168, 170, 171, 172, 174, 176}\text{Yb}$, ^{175}Lu , $^{182, 183, 184, 186}\text{W}$ (n, γ); calculated resonance integrals.

Keynumber: 1972MOYY

Coden: REPT ZFK-243,P93

Keyword abstract: NUCLEAR REACTIONS ^{164}Dy , $^{166, 168, 170}\text{Er}$, $^{168, 170}\text{Yb}$, $^{178, 180}\text{Hf}$, $^{182, 184}\text{W}$ (n, γ); compiled n-resonance data, (n, γ) decay modes.

Keynumber: 1972CAZY

Coden: JOUR BAPSA 17 17,R F Casten,1/13/72

Keyword abstract: NUCLEAR REACTIONS ^{178}Hf , $^{182, 183}\text{W}$ (n, γ),E=resonance; measured $E\gamma$, $I\gamma$. ^{179}Hf , $^{183, 184}\text{W}$ deduced levels.

Keynumber: 1971RAZF

Reference: INR-1262 (1971)

Authors: W.Ratynski

Title: Circular Polarization of Gamma Rays

Keyword abstract: NUCLEAR REACTIONS ^{27}Al , $^{69, 71}\text{Ga}$, $^{182, 183}\text{W}$, ^{186}W (n, γ),E=thermal; measured γ -polarization. ^{28}Al , $^{70, 72}\text{Ga}$, $^{183, 184, 187}\text{W}$ levels deduced J, π .

Keynumber: 1971MEZN

Coden: JOUR BAPSA 16 1181,M L Mehta,10/29/71

Keyword abstract: NUCLEAR REACTIONS $^{166, 168, 170}\text{Er}$, $^{182, 184, 186}\text{W}$, ^{238}U , ^{232}Th (n, γ), analyzed available data; deduced widths,level spacings.

Keynumber: 1971HAXR

Coden: REPT NCSAC-42,P61,G Hacken,5/19/72

Keyword abstract: NUCLEAR REACTIONS $^{152, 154}\text{Sm}$, $^{151, 153}\text{Eu}$, $^{154, 158, 160}\text{Gd}$, $^{166, 167, 168, 170}\text{Er}$, $^{168, 170, 171, 172, 174, 176}\text{Yb}$, ^{175}Lu , $^{182, 183, 184, 186}\text{W}$ (n, γ), measured capture resonance integrals.

Keynumber: 1971GRYG

Coden: REPT ANCR-1016,P54,1/28/72

Keyword abstract: NUCLEAR REACTIONS ^{182}W (n, γ),E=thermal,2 keV; measured $E\gamma$, $I\gamma$, ^{183}W deduced levels,J, π .

Keynumber: 1969MUZQ

Reference: Proc.Intern.Symp.Neutron Capture Gamma-Ray Spectroscopy, Studsvik, Intern.At.En.Agency, Vienna, p.579 (1969)

Authors: J.Murray, B.W.Thomas, E.R.Rae

Title: Some Statistical Properties of Partial Radiation Widths in Tungsten

Keyword abstract: NUCLEAR REACTIONS $^{182}, ^{184}, ^{186}\text{W}(n,\gamma), E=\text{resonance}$; measured $E\gamma, I\gamma$. $^{183}, ^{185}, ^{187}\text{W}$ deduced resonances, level-width.

Keynumber: 1968BOZW

Reference: Proc.Conf.Slow-Neutron-Capture-Gamma-Ray Spectr., Argonne, Ill. (1966), F.E.Throw, Ed., ANL-7282, p.523 (1968)

Authors: L.M.Bollinger, G.E.Thomas

Title: Measurement of Resonance-Capture Gamma-Ray Spectra with a $1/E$ Neutron Spectrum

Keyword abstract: NUCLEAR REACTIONS $^{182}\text{W}, ^{195}\text{Pt}(n,\gamma), E=\text{resonance}$; measured $E\gamma, I\gamma$. $^{183}\text{W}, ^{196}\text{Pt}$ deduced transitions.

Keynumber: 1968BEZX

Reference: Proc.Conf.Slow-Neutron-Capture Gamma-Ray Spectr., Argonne, Ill. (1966), F.E.Throw, Ed., ANL-7282, p.459 (1968)

Authors: M.Beer, M.Bhat, R.E.Chrien, M.A.Lone, O.A.Wasson

Title: Resonance (n,γ) Spectra in Tungsten Isotopes

Keyword abstract: NUCLEAR REACTIONS $^{182}, ^{184}, ^{186}\text{W}(n,\gamma), E = \text{resonance}$; measured $E\gamma$. Ge(Li) detector.

Keynumber: 1967RA24

Reference: Proc.Intern.Conf.Atomic Masses, 3rd, Winnipeg, Canada, R.C.Barber, Ed., Univ.Manitoba Press, p.278(1967)

Authors: N.C.Rasmussen, V.J.Orphan, Y.Hukai

Title: Determination of (n,γ) Reaction Q Values from Capture γ -Ray Spectra

Keyword abstract: NUCLEAR REACTIONS $^6\text{Li}, ^7\text{Li}, ^9\text{Be}, ^{10}\text{B}, ^{12}\text{C}, ^{14}\text{N}, ^{19}\text{F}, ^{23}\text{Na}, ^{24}\text{Mg}, ^{25}\text{Mg}, ^{26}\text{Mg}, ^{27}\text{Al}, ^{28}\text{Si}, ^{31}\text{P}, ^{32}\text{S}, ^{35}\text{Cl}, ^{40}\text{Ca}, ^{45}\text{Sc}, ^{48}\text{Ti}, ^{51}\text{V}, ^{55}\text{Mn}, ^{54}\text{Fe}, ^{56}\text{Fe}, ^{59}\text{Co}, ^{58}\text{Ni}, ^{60}\text{Ni}, ^{63}\text{Cu}, ^{65}\text{Cu}, ^{66}\text{Zn}, ^{67}\text{Zn}, ^{73}\text{Ge}, ^{76}\text{Se}, ^{85}\text{Rb}, ^{87}\text{Rb}, ^{89}\text{Y}, ^{93}\text{Nb}, ^{103}\text{Rh}, ^{113}\text{Cd}, ^{123}\text{Te}, ^{133}\text{Cs}, ^{139}\text{La}, ^{141}\text{Pr}, ^{149}\text{Sm}, ^{153}\text{Eu}, ^{157}\text{Gd}, ^{159}\text{Tb}, ^{165}\text{Ho}, ^{167}\text{Er}, ^{169}\text{Tm}, ^{181}\text{Ta}, ^{182}\text{W}, ^{195}\text{Pt}, ^{197}\text{Au}, ^{199}\text{Hg}, ^{203}\text{Tl}, ^{207}\text{Pb}(n,\gamma), E = \text{thermal}$; measured $E\gamma$; deduced Q. Natural targets.

Keynumber: 1967PR09

Reference: Phys.Rev. 160, 1038 (1967)

Authors: W.V.Prestwich, R.E.Cote

Title: Resonance Neutron Capture in the Even-A Isotopes of Tungsten

Keyword abstract: NUCLEAR REACTIONS $^{182}, ^{186}\text{W}(n,\gamma), E=\text{resonance}$; measured $\sigma(E\gamma)$. $^{183}, ^{187}\text{W}$ resonances deduced level-width.

Keynumber: 1966VO04

Reference: Nucl.Phys. 82, 441 (1966)

Authors: R.H.Vogt

Title: Gamma-Ray Spectra of $^{124}\text{Te}, ^{164}\text{Dy}, ^{178}\text{Hf}$ and ^{183}W from the Radiative Capture of Neutrons at Resonances

Keyword abstract: NUCLEAR REACTIONS $^{123}\text{Te}, ^{163}\text{Dy}, ^{177}\text{Hf}, ^{182}\text{W}(n,\gamma) 1 < E < 5 \text{ eV}$; measured

$E\gamma$, $\gamma\gamma$ - coin. ^{124}Te , ^{164}Dy , ^{178}Hf , ^{183}W deduced levels. Natural targets.

Keynumber: 1966RA23

Reference: RPI-328-68, p.33(1966)

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Keyword abstract: NUCLEAR REACTIONS ^{135}Ba , 182 , ^{183}W , 198 , $^{199}\text{Hg}(n,\gamma)$, $E=4-175$ eV; measured $E\gamma$, $I\gamma$, resonance capture. ^{136}Ba , 183 , ^{184}W , 199 , ^{200}Hg deduced levels.