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20 reference(s) found :

Keynumber: 1999BOZT

Reference: JINR-E3-99-343 (1999)

Authors: V.A.Bondarenko, J.Honzatko, V.A.Khitrov, A.M.Sukhovoij, I.Tomandl

Title: Cascade γ -Decay of the ^{191}Os Compound Nucleus

Keyword abstract: NUCLEAR REACTIONS $^{190}\text{Os}(n,\gamma)$,E=thermal; measured $E\gamma$, $I\gamma$, $\gamma\gamma$ -coin. ^{191}Os deduced level densities,radiative strength functions. Comparison with model predictions.

Keynumber: 1992VO13

Reference: Nucl.Sci.Eng. 112, 87 (1992)

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 $A = 45$ to 238

Keyword abstract: NUCLEAR REACTIONS Sc,Ti,Rb,Mo,I,Cs,Ce,Pr,Ho,Lu, ^{197}Au , 190 , ^{192}Os , ^{194}Pt , $^{238}\text{U}(n,\gamma)$,E=0.5-3 MeV; measured absolute capture $\sigma(E)$.

Keynumber: 1991BO35

Reference: Nucl.Phys. A534, 255 (1991)

Authors: H.G.Borner, R.F.Casten, I.Forster, D.Lieberz, P.von Brentano, S.J.Robinson, T.von Egidy, G.Hlawatsch, H.Lindner, P.Geltenbort, F.Hoyler, H.Faust, G.Colvin, W.R.Kane, M.MacPhail

Title: Level Structure of ^{191}Os : Coexisting oblate and prolate configurations

Keyword abstract: NUCLEAR REACTIONS $^{190}\text{Os}(n,\gamma)$, (n,e) ,E=thermal,resonance; measured $E\gamma$, $I\gamma$, $\gamma\gamma$ -coin, $I(ce)$. $^{190}\text{Os}(d,t)$,E=20 MeV; measured $\sigma(Et)$. ^{191}Os deduced levels, J,π ,ICC, γ multipolarity.

Keynumber: 1989BR12

Reference: Appl.Radiat.Isot. 40, 183 (1989)

Authors: C.Brihaye, S.Dewez, M.Guillaume, A.P.Callahan, D.E.Rice, F.F.Knapp, Jr.

Title: Reactor Production and Purification of Osmium-191 for Use in a New $^{191}\text{Os}/^{191m}\text{Ir}$ Radionuclide Generator System

Keyword abstract: NUCLEAR REACTIONS $^{190}\text{Os}(n,\gamma)$,E=thermal; measured residual production yield.

Keynumber: 1989BR04

Reference: J.Labelled Compd.Radiopharm. 26, 162 (1989)

Authors: C.Brihaye, M.Guillaume, F.F.Knapp, Jr., S.Dewez, D.E.Rice, A.P.Callahan

Title: Neutron Production of Os-191 and Separation from Ir-192 for a Medical Os-191/Ir-191m Generator

Keyword abstract: NUCLEAR REACTIONS ^{190}Os , $^{191}\text{Ir}(n,\gamma)$,E=reactor; measured residual production σ .

Keynumber: 1984NEZR

Reference: Proc.Conf.Neutron Physics, Kiev, Vol.3, p.143 (1984)

Authors: K.Nedvedyuk, Yu.P.Popov

Title: Determination of the Average Radiative Neutron Capture from Systematics

Keyword abstract: NUCLEAR REACTIONS $^{74}, ^{82}\text{Se}, ^{82}\text{Kr}, ^{84}\text{Sr}, ^{102}, ^{109}, ^{112}\text{Pd}, ^{104}, ^{109}, ^{115}, ^{117}, ^{118}\text{Cd}, ^{110}, ^{113}, ^{114}, ^{115}, ^{121}\text{Sn}, ^{120}, ^{127}, ^{129}, ^{131}, ^{132}\text{Te}, ^{131}, ^{132}, ^{133}\text{Ba}, ^{145}, ^{146}, ^{151}, ^{156}\text{Sm}, ^{152}, ^{154}, ^{159}\text{Gd}, ^{156}, ^{158}, ^{160}, ^{165}\text{Dy}, ^{166}, ^{168}, ^{169}, ^{175}\text{Yb}, ^{190}\text{Os}(n,\gamma), E=30 \text{ keV}$; analyzed average radiative σ dependence on neutron number, neutron binding energy; deduced σ .

Keynumber: 1983NIZY

Reference: NEANDC(J)-94/U, p.37 (1983)

Authors: K.Nishimura, T.Suzuki, T.Sekine

Title: New Measurement of the Isomer Production Cross Section for the $^{190}\text{Os}(n_{\text{th}},\gamma)^{191\text{m}}\text{Os}$ Reaction by Means of X-Ray Spectroscopy

Keyword abstract: NUCLEAR REACTIONS $^{190}\text{Os}(n,\gamma), E=\text{thermal}$; measured $E(\text{K X-ray}), I(\text{K X-ray}), E\gamma, I\gamma$; deduced $^{191\text{m}}\text{Os}$ isomer production σ .

Keynumber: 1981HE03

Reference: Nucl.Phys. A357, 1 (1981)

Authors: M.Herman, A.Marcinkowski

Title: Cross Sections for Fast Neutron Capture on the Se, Pd, Cd, Os and Pt Isotopes

Keyword abstract: NUCLEAR REACTIONS $^{78}, ^{80}, ^{82}\text{Se}, ^{108}, ^{110}\text{Pd}, ^{114}, ^{116}\text{Cd}, ^{190}, ^{192}\text{Os}, ^{196}, ^{198}\text{Pt}(n,\gamma), E=0.5-1.3 \text{ MeV}$; measured $\sigma(E)$. Activation technique. Compound nucleus model.

Keynumber: 1981BR06

Reference: Phys.Rev. C23, 1434 (1981)

Authors: J.C.Browne, B.L.Berman

Title: Neutron-Capture Cross Sections for Osmium Isotopes and the Age of the Universe

Keyword abstract: NUCLEAR REACTIONS $^{186}, ^{187}, ^{188}, ^{189}, ^{190}, ^{192}\text{Os}(n,\gamma), E=2 \text{ eV}-150 \text{ keV}$; measured σ ; deduced nucleosynthesis duration, age of universe, Maxwellian average σ . $^{187}, ^{188}, ^{189}, ^{190}, ^{191}, ^{193}\text{Os}$ deduced average level spacing.

Keynumber: 1981AR22

Reference: Yad.Fiz. 34, 1028 (1981)

Authors: L.Ya.Arifov, B.S.Mazitov, V.G.Ulanov

Title: Relative Probability of Isomer Population in Radiative Capture

Keyword abstract: NUCLEAR REACTIONS $^{45}\text{Sc}, ^{59}\text{Co}, ^{68}, ^{70}\text{Zn}, ^{74}, ^{76}\text{Ge}, ^{80}, ^{82}\text{Se}, ^{84}\text{Kr}, ^{85}\text{Rb}, ^{84}\text{Sr}, ^{89}\text{Y}, ^{103}\text{Rh}, ^{108}, ^{110}\text{Pd}, ^{109}\text{Ag}, ^{114}\text{Cd}, ^{113}, ^{115}\text{In}, ^{112}, ^{120}, ^{122}, ^{124}\text{Sn}, ^{121}\text{Sb}, ^{120}, ^{126}, ^{128}, ^{130}\text{Te}, ^{133}\text{Cs}, ^{132}\text{Ba}, ^{136}, ^{138}\text{Ce}, ^{151}\text{Eu}, ^{164}\text{Dy}, ^{181}\text{Ta}, ^{184}\text{W}, ^{187}\text{Re}, ^{190}\text{Os}, ^{191}\text{Ir}, ^{196}\text{Pt}, ^{196}\text{Hg}(n,\gamma), E=\text{thermal}, 0.2-2.8 \text{ MeV}$; $^{92}\text{Mo}(p,\gamma), E=1.8-7.4 \text{ MeV}$; analyzed $\sigma(\text{capture})$ isomer ratio vs E . Statistical theory.

Keynumber: 1979HEZK

Reference: Bull.Am.Phys.Soc. 24, No.7, 870, CC1 (1979)

Authors: M.Herman, A.Marcinkowski

Title: Cross Sections for Fast Neutron Capture on Se, Cd, and Os Isotopes

Keyword abstract: NUCLEAR REACTIONS $^{78}, ^{80}, ^{82}\text{Se}, ^{114}, ^{116}\text{Cd}, ^{190}, ^{192}\text{Os}(n,\gamma), E=0.53, 0.86, 1.20, 1.31 \text{ MeV}$; measured σ . Activation technique. Statistical model estimates.

Keynumber: 1979BRZM

Reference: Bull.Am.Phys.Soc. 24, No.7, 871, CC10 (1979)

Authors: T.Bradley, M.L.Stelts, R.E.Chrien, Z.Parsa

Title: Stellar Nucleosynthesis and the 24-keV Neutron Capture Cross Sections of Some Heavy Nuclei

Keyword abstract: NUCLEAR REACTIONS ^{112}Sn , ^{130}Ba , ^{146}Nd , ^{186}W , 190 , $^{192}\text{Os}(n,\gamma)$, $E=24$ keV; measured σ .

Keynumber: 1977CAZT

Coden: JOUR VDPEA No6/1977,942,A8-9,Casten

Keyword abstract: NUCLEAR REACTIONS $^{190}\text{Os}(n,\gamma)$, $E=\text{th}$; measured $E\gamma$, $I\gamma$, $\gamma\gamma$ -coin. ^{191}Os deduced levels.

Keynumber: 1977CA19

Reference: Nucl.Phys. A285, 235 (1977)

Authors: R.F.Casten, R.C.Greenwood, M.R.Macphail, R.E.Chrien, W.R.Kane, G.J.Smith, J.A.Cizewski

Title: Study of ^{191}Os by Average Resonance Neutron Capture: Fragmentation of Nilsson Model Strength

Keyword abstract: NUCLEAR REACTIONS $^{190}\text{Os}(n,\gamma)$, $E=\text{thermal}$, 2 keV; measured $E\gamma$, $I\gamma$. ^{191}Os deduced levels, J, π . Fragmentation of Nilsson strength. Enriched targets. Ge(Li) detectors.

Keynumber: 1975VE11

Reference: Yad.Fiz. 22, 674 (1975); Sov.J.Nucl.Phys. 22, 348 (1976)

Authors: V.P.Vertebnyi, P.N.Vorona, A.I.Kalchenko, V.A.Pshenichnyi, V.K.Rudishin

Title: Interaction of Slow Neutrons with Isotopes of Os and Pt

Keyword abstract: NUCLEAR REACTIONS 186 , 187 , 188 , 189 , 190 , ^{192}Os , 190 , 192 , 194 , 195 , 196 , ^{198}Pt (n,γ), $E=\text{thermal}$, resonance; measured σ .

Keynumber: 1975MAYE

Coden: JOUR BAPSA 20 1154 AB6

Keyword abstract: NUCLEAR REACTIONS $^{190}\text{Os}(n,\gamma)$, $E=\text{thermal}$; measured $E\gamma$, $I\gamma$, $\gamma\gamma$ -coin. ^{191}Os deduced levels, J, π .

Keynumber: 1974SI11

Reference: Ann.Phys.(New York) 83, 355 (1974)

Authors: K.Siddappa, M.S.Murty, J.R.Rao

Title: Neutron Strength Functions of Nuclei in the Deformed Region

Keyword abstract: NUCLEAR REACTIONS ^{138}Ba , 140 , ^{142}Ce , 146 , ^{148}Nd , 152 , ^{154}Sm , 158 , ^{160}Gd , ^{159}Tb , ^{169}Tm , ^{170}Er , 174 , ^{176}Yb , ^{180}Hf , ^{181}Ta , ^{186}W , 190 , ^{192}Os , ^{197}Au , $^{202}\text{Hg}(n,\gamma)$, $E=18-28$ keV; measured σ ; deduced p-wave strength functions.

Reference: Can.J.Phys. 52, 1160 (1974)

Authors: B.Singh, M.W.Johns

Title: Spin Determinations in Low Lying States of ^{151}Sm

Keyword abstract: RADIOACTIVITY ^{151}Pm ; measured $\gamma\gamma(\theta)$, $I\gamma$. ^{151}Sm levels deduced J, π, γ -mixing, λ .

Keynumber: 1973SI45

Reference: Nuovo Cim. 18A, 48 (1973)

Authors: K.Siddappa, M.Sriramachandra Murty, J.Rama Rao

Title: Neutron Activation Cross-Sections in Rare Earths and Heavier Nuclei

Keyword abstract: NUCLEAR REACTIONS ^{138}Ba , 140 , ^{142}Ce , 146 , ^{148}Nd , ^{160}Gd , ^{165}Ho , ^{180}Hf ,

^{181}Ta , ^{190}Os , ^{197}Au , $^{202}\text{Hg}(n,\gamma), E=23\text{ keV}$; measured σ .

Keynumber: 1973NEZR

Coden: CONF Tbilisi,p114

Keyword abstract: NUCLEAR REACTIONS $^{190}\text{Os}(n,\gamma), E=\text{thermal}$; measured $E\gamma, I\gamma$. ^{191}Os deduced transitions. Ge(Li) detector.

Keynumber: 1972VEZM

Reference: Natl.Sov.Conf. on Neutron Physics, Kiev, p.181 (1971)

Authors: V.P.Vertebnyi, P.N.Vorona, A.I.Kalchenko, V.V.Koloty, M.V.Pasechnik, V.A.Pshenichnyi, Zh.I.Pisanko, V.K.Rudishin

Title: Investigation of the Interaction of Slow Neutrons with a Series of Isotopes of Elements in the Mass Region 168 - 192

Keyword abstract: NUCLEAR REACTIONS $^{186}, ^{187}, ^{189}, ^{190}, ^{192}\text{Os}$, $^{168}\text{Yb}(n,\gamma)$; measured $\sigma(E)$. $^{187}, ^{188}, ^{190}, ^{191}, ^{193}\text{Os}$, ^{169}Yb deduced resonances, level-width.