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14 reference(s) found :

Keynumber: 2001GA57

Reference: Bull.Rus.Acad.Sci.Phys. 65, 121 (2001)

Authors: Yu.P.Gangrsky, P.Zuzaan, N.N.Kolesnikov, V.G.Lukashek, A.P.Tonchev

Title: Isomeric Ratios in Crossing ($n\gamma$) and (γn) Reactions

Keyword abstract: NUCLEAR REACTIONS ^{74}Ge , ^{80}Se , ^{84}Sr , ^{108}Pd , ^{114}Cd , 112 , ^{122}Sn , 120 , 126 , ^{128}Te , 130 , ^{132}Ba , 136 , ^{138}Ce , ^{196}Pt , $^{196}\text{Hg}(n,\gamma)$, $E=\text{thermal}$; ^{76}Ge , ^{82}Se , ^{86}Sr , ^{110}Pd , ^{116}Cd , 114 , ^{124}Sn , 122 , 128 , ^{130}Te , 132 , ^{134}Ba , 138 , ^{140}Ce , ^{198}Pt , $^{198}\text{Hg}(\gamma,n)$, $E=25\text{ MeV}$ bremsstrahlung; measured isomeric cross section ratios. Comparison with statistical model calculations.

Keynumber: 1997RAZS

Reference: Proc.Intern.on Nuclear Data for Science and Technology, Trieste, Italy, 19-24 May, 1997, G.Reffo, A.Ventura, C.Grandi, Eds., Editrice Compositori, Italy, Pt.2, p.1587 (1997)

Authors: T.Rauscher, H.Beer, H.Oberhummer, F.-K.Thielemann

Title: Neutron Capture Reaction Rates of Unstable Isotopes in the s-Process Branchings

Keyword abstract: NUCLEAR REACTIONS 190 , 192 , 194 , 195 , 196 , $^{198}\text{Pt}(n,\gamma)$, E not given; measured σ ; deduced Maxwellian averaged σ . Comparison with calculations, previous data.

Keynumber: 1990PI08

Reference: J.Radioanal.Nucl.Chem. 144, 417 (1990)

Authors: A.E.Pillay, N.Mashilo

Title: Pt and Au Analysis by Delayed X-Ray Spectrometry After Fast Neutron Activation

Keyword abstract: NUCLEAR REACTIONS 194 , 196 , 198 , 190 , $^{192}\text{Pt}(n,\gamma)$, 192 , $^{194}\text{Pt}(n,p)$, $E=\text{fast}$; measured delayed X-ray spectra.

Keyword abstract: RADIOACTIVITY 191 , 193 , $^{195\text{m}}$, $^{197\text{m}}$, 197 , ^{199}Pt , $^{198\text{m}}\text{Au}$, 192 , ^{194}Ir [from Pt irradiation by fast neutrons]; measured delayed X-ray spectra.

Keynumber: 1983CAZZ

Reference: Bull.Am.Phys.Soc. 28, No.1, 35, GE7 (1983)

Authors: R.F.Casten, D.D.Warner

Title: Emerging Systematics for a Possible Multi-j Supersymmetry in the Pt Isotopes

Keyword abstract: NUCLEAR REACTIONS 196 , $^{198}\text{Pt}(n,\gamma)$, E not given; measured not abstracted. 197 , ^{199}Pt deduced levels, J,π , supersymmetry breaking. Average resonance capture technique.

Keynumber: 1983CA04

Reference: Phys.Rev. C27, 1310 (1983)

Authors: R.F.Casten, D.D.Warner, G.M.Gowdy, N.Rofail, K.P.Lieb

Title: Level Structure of ^{197}Pt , ^{199}Pt : Status of a possible multi-j supersymmetry

Keyword abstract: NUCLEAR REACTIONS 196 , $^{198}\text{Pt}(n,\gamma)$, $E=2,24\text{ keV}$; measured $E\gamma, I\gamma$. 197 , ^{199}Pt deduced levels, J,π , supersymmetry classification scheme. Average resonance capture, enriched targets, Ge (Li) detectors. Nilsson, interacting boson fermion models.

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, γ),E=0.5-1.3 MeV; measured $\sigma(E)$. Activation technique. Compound nucleus model.

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}Sc , ^{59}Co , $^{68, 70}\text{Zn}$, $^{74, 76}\text{Ge}$, $^{80, 82}\text{Se}$, ^{84}Kr , ^{85}Rb , ^{84}Sr , ^{89}Y , ^{103}Rh , $^{108, 110}\text{Pd}$, ^{109}Ag , ^{114}Cd , $^{113, 115}\text{In}$, $^{112, 120, 122, 124}\text{Sn}$, ^{121}Sb , $^{120, 126, 128, 130}\text{Te}$, ^{133}Cs , ^{132}Ba , $^{136, 138}\text{Ce}$, ^{151}Eu , ^{164}Dy , ^{181}Ta , ^{184}W , ^{187}Re , ^{190}Os , ^{191}Ir , ^{196}Pt , ^{196}Hg

(n, γ),E=thermal,0.2-2.8 MeV; $^{92}\text{Mo}(p,\gamma)$,E=1.8-7.4 MeV; analyzed $\sigma(\text{capture})$ isomer ratio vs E. Statistical theory.

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

Keynumber: 1973SMZG

Coden: REPT ANL-8035 P23

Keyword abstract: RADIOACTIVITY ^{197}Pt ; measured $E\gamma, I\gamma$. ^{197}Au deduced levels.

Keyword abstract: NUCLEAR REACTIONS $^{195, 196}\text{Pt}(n,\gamma)$; measured $\sigma(E\gamma)$.

Keynumber: 1972LA36

Reference: Lett.Nuovo Cim. 5, 1025 (1972)

Authors: A.Lakshmana Rao, J.Rama Rao

Title: Isomer Ratios and the Shifted Fermi Gas Model

Keyword abstract: NUCLEAR REACTIONS $^{108, 110}\text{Pd}$, $^{196}\text{Pt}(n,\gamma)$,E=25 keV; measured isomer σ ratio.

Keynumber: 1971RYZZ

Reference: Proc.Int.Conf.Chemical Nuclear Data, Measurements and Applications, Canterbury, England, M.L.Hurrell, Ed., Institution of Civil Engineers, London, p.139 (1971)

Authors: T.B.Ryves

Title: Thermal Neutron Capture Cross Section Measurements at the NPL

Keyword abstract: NUCLEAR REACTIONS ^{23}Na , ^{26}Mg , ^{27}Al , ^{30}Si , ^{37}Cl , ^{41}K , ^{50}Ti , ^{51}V , ^{58}Fe , ^{64}Ni , $^{63, 65}\text{Cu}$, $^{69, 71}\text{Ga}$, ^{75}As , $^{79, 81}\text{Br}$, ^{89}Y , $^{107, 109}\text{Ag}$, ^{115}In , $^{121, 123}\text{Sb}$, ^{127}I , ^{139}La , ^{151}Eu , $^{196, 198}\text{Pt}$

(n, γ),E=thermal; measured σ .

Keynumber: 1971RYZX

Coden: CONF Canterbury(Chem Nucl Data),P139,12/10/72

Keyword abstract: NUCLEAR REACTIONS ^{23}Na , ^{26}Mg , ^{27}Al , ^{30}Si , ^{37}Cl , ^{41}K , ^{50}Ti , ^{51}V , ^{58}Fe , ^{64}Ni , $^{63, 65}\text{Cu}$, $^{69, 71}\text{Ga}$, ^{75}As , ^{79}Br , ^{81}Br , ^{89}Y , $^{107, 109}\text{Ag}$, ^{115}In , $^{121, 123}\text{Sb}$, ^{127}I , ^{139}La , ^{151}Eu , $^{196, 198}\text{Pt}$

(n, γ),E=thermal; measured σ ; deduced resonance integrals.

Keynumber: 1970RAZU

Coden: CONF Madurai(Nucl,Solid State Phys),Vol2,P19

Keyword abstract: NUCLEAR REACTIONS ^{74}Ge , ^{85}Rb , ^{110}Pd , ^{116}Cd , ^{121}Sb , ^{124}Sn , ^{151}Eu , ^{196}Pt
(n, γ),E=25 keV; measured σ ,isomeric σ ratios.

Keynumber: 1967GR24

Reference: IAE-1386 (1967)

Authors: L.V.Groshev, A.M.Demidov, A.S.Rakhimov

Title: Spectra of γ -Rays Excited by Capture of Slow Neutrons in Platinum

Keyword abstract: NUCLEAR REACTIONS 194 , 195 , ^{196}Pt (n, γ),E=slow; measured $E\gamma$, $I\gamma$. ^{196}Pt
deduced levels.