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12 reference(s) found :

Keynumber: 2001DE25

Reference: J.Radioanal.Nucl.Chem. 248, 103 (2001)

Authors: F.De Corte, S.Van Lierde

Title: Evaluation of (n, γ) Cross Sections from k_0 -Factors for Radionuclides with a Short Half-Life and/or a Complex Activation-Decay Scheme

Keyword abstract: NUCLEAR REACTIONS ^{19}F , ^{40}Ar , ^{59}Co , ^{70}Zn , ^{76}Se , ^{79}Br , ^{103}Rh , ^{108}Pd , ^{109}Ag , ^{121}Sb , ^{123}Sb , ^{133}Cs , ^{178}Hf , ^{198}Pt , ^{204}Hg (n, γ),E=thermal; measured activation σ . Comparisons with previous results.

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}Pt , ^{192}Pt , ^{194}Pt , ^{195}Pt , ^{196}Pt (n, γ),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}Pt , ^{196}Pt , ^{198}Pt , ^{190}Pt , ^{192}Pt (n, γ), ^{192}Pt , ^{194}Pt (n,p),E=fast; measured delayed X-ray spectra.

Keyword abstract: RADIOACTIVITY ^{191}Pt , ^{193}Pt , $^{195\text{m}}\text{Pt}$, $^{197\text{m}}\text{Pt}$, ^{197}Pt , ^{199}Pt , $^{198\text{m}}\text{Au}$, ^{192}Ir , ^{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}Pt , ^{198}Pt (n, γ),E not given; measured not abstracted. ^{197}Pt , ^{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}Pt , ^{198}Pt (n, γ),E=2,24 keV; measured $E\gamma$,I γ . ^{197}Pt , ^{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: 1976SC16

Reference: Nucl.Phys. A264, 105 (1976)

Authors: O.Schwerer, M.Winkler-Rohatsch, H.Warhanek, G.Winkler

Title: Measurement of Cross Sections for 14 MeV Neutron Capture

Keyword abstract: NUCLEAR REACTIONS ^{37}Cl , ^{41}K , ^{50}Ti , ^{51}V , ^{55}Mn , ^{71}Ga , ^{87}Rb , ^{89}Y , ^{127}I , ^{130}Te , ^{138}Ba , ^{139}La , ^{142}Ce , ^{186}W , ^{198}Pt , ^{197}Au (n, γ), E=14.6 MeV; measured σ . Natural targets.

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: 1973UR01

Reference: ATOMKI Kozlem. 15, 161 (1973)

Authors: I.Uray

Title: The New Isotope ^{198}Ir and Other Products of the Fast Neutron Reactions Of ^{198}Pt

Keyword abstract: RADIOACTIVITY $^{197\text{m}}, ^{199\text{m}}\text{Pt}$, ^{198}Ir ; measured $T_{1/2}$, E γ .

Keyword abstract: NUCLEAR REACTIONS ^{198}Pt (n,2n), (n, γ), (n,d), (n, α), (n,p), E=15 MeV; measured $\sigma(\theta)$.

Keynumber: 1973SCYA

Coden: REPT INDC(SEC)-36/L P8

Keyword abstract: NUCLEAR REACTIONS ^{26}Mg , ^{37}Cl , ^{41}K , ^{55}Mn , ^{71}Ga , ^{81}Br , ^{87}Rb , ^{100}Mo , ^{115}In , ^{127}I , ^{133}Cs , ^{138}Ba , ^{139}La , ^{142}Ce , ^{181}Ta , ^{198}Pt (n, γ); measured σ .

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.