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7 reference(s) found :

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

Keynumber: 1982BR18

Reference: Phys.Rev. C26, 969 (1982)

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

Title: Neutron-Capture Resonances for ^{82}Se

Keyword abstract: NUCLEAR REACTIONS ^{82}Se , $\text{Se}(n,\gamma)$, $E=0.006-40$ keV; measured $\sigma(\text{capture})$ vs E . ^{83}Se deduced resonances.

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

Keynumber: 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,γ) , $E=0.53, 0.86, 1.20, 1.31$ MeV; measured σ . Activation technique. Statistical model estimates.

Keynumber: 1979BRZE

Reference: Thesis, McMaster Univ. (1979)

Authors: P.M.Brewster

Title: Thermal Neutron Capture Studies in Five Isotopes of Selenium

Keyword abstract: NUCLEAR REACTIONS $^{76, 77, 78, 80, 82}\text{Se}(n,\gamma)$, $E=\text{thermal}$; measured $E\gamma, I\gamma$. $^{77, 78, 79, 81, 83}\text{Se}$ deduced levels, γ -branching.

Keynumber: 1969MA15

Reference: Yadern.Fiz. 9, 1119 (1969); Soviet J.Nucl.Phys. 9, 655 (1969)

Authors: H.Malecki, L.B.Pikelner, I.M.Salamatin, E.I.Sharapov

Title: Radiative Capture and Total Cross Sections of Neutron Interaction with Se Isotopes

Keyword abstract: NUCLEAR REACTIONS $^{74, 76, 77, 78, 80, 82}\text{Se}(n,X)$, (n,γ) , $E < 20 \text{ keV}$; measured $\sigma(E)$, transmission. $^{75, 77, 78, 79, 81, 83}\text{Se}$ deduced resonances, J , level-width, strength functions.
