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18 reference(s) found :

Keynumber: 1995RA25

Reference: J.Radioanal.Nucl.Chem. 189, 51 (1995)

Authors: M.U.Rajput, T.D.Mac Mahon

Title: Measurements of Thermal Neutron Cross Section and Resonance Integrals of ^{74}Se , ^{75}As , ^{94}Zr , ^{134}Cs , ^{238}U

Keyword abstract: NUCLEAR REACTIONS ^{74}Se , ^{75}As , ^{94}Zr , ^{134}Cs , $^{238}\text{U}(n,\gamma)$, E=thermal; measured σ , resonance integrals. Activation technique, high resolution γ -detector.

Keynumber: 1984TOZX

Reference: JUL-Spez-255, p.33 (1984)

Authors: Y.Tokunaga, H.Seyfarth, O.W.B.Schult, S.Brant, V.Paar, D.Vretenar, H.G.Borner, G.Barreau, H.Faust, Ch.Hofmeyr, K.Schreckenbach, R.A.Meyer

Title: Study of ^{75}Se by Neutron Capture and SU(3) - SU(5) Transition in Quadrupole-Phonon Representation

Keyword abstract: NUCLEAR REACTIONS $^{74}\text{Se}(n,\gamma)$, E=thermal; measured $E\gamma$, $I\gamma$, $I(\text{ce})$. ^{75}Se deduced neutron separation energy, primary E2 transitions. Quadrupole-phonon model, SU(3) to SU(5) transition.

Keyword abstract: RADIOACTIVITY $^{75}\text{Se}(\text{EC})$ [from $^{74}\text{Se}(n,\gamma)$, E=thermal]; measured $I\gamma$, $E\gamma$. ^{75}As deduced levels.

Keyword abstract: NUCLEAR STRUCTURE ^{75}Se ; calculated levels. Quadrupole-phonon model, SU(3) to SU(5) transition.

Keynumber: 1984TO11

Reference: Nucl.Phys. A430, 269 (1984)

Authors: Y.Tokunaga, H.Seyfarth, O.W.B.Schult, S.Brant, V.Paar, D.Vretenar, H.G.Borner, G.Barreau, H.Faust, Ch.Hofmeyr, K.Schreckenbach, R.A.Meyer

Title: A Study of ^{75}Se by Neutron Capture and the SU(3)-SU(5) Transition in the Quadrupole-Phonon Representation

Keyword abstract: NUCLEAR REACTIONS $^{74}\text{Se}(n,\gamma)$, E=thermal; measured $I\gamma$, $E\gamma$, $I(\text{ce})$; deduced Q. ^{75}Se , ^{75}As deduced levels, J, π . Enriched target, crystal, pair β -spectrometers.

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

Keynumber: 1983AH01

Reference: Ann.Nucl.Energy 10, 41 (1983)

Authors: A.Ahmad

Title: Analysis and Evaluation of Thermal and Resonance Neutron Activation Data

Keyword abstract: NUCLEAR REACTIONS ^{45}Sc , ^{50}Ti , ^{50}Cr , ^{51}V , ^{55}Mn , ^{58}Fe , ^{59}Co , ^{74}Se , ^{85}Rb , 94 ,

^{96}Zr , ^{123}Sb , ^{130}Ba , ^{133}Cs , ^{139}La , ^{140}Ce , ^{159}Tb , ^{180}Hf , ^{181}Ta , $^{197}\text{Au}(n,\gamma)$, E=thermal, epithermal; analyzed data. Generalized least-squares fit.

Keynumber: 1982TOZY

Reference: JUL-Spez-146, p.44 (1982)

Authors: Y.Tokunaga, H.G.Borner, H.Seyfarth, G.Barreau, K.Schreckenbach, H.Faust, R.Brisso, Ch.Hofmeyr, R.Weinreich, O.W.B.Schult

Title: Study of Low Spin States in $^{75,77}\text{Se}$ Populated Slow Neutron Capture

Keyword abstract: NUCLEAR REACTIONS 74 , $^{76}\text{Se}(n,\gamma)$, (n,e^-) , E=slow; measured not given. 75 , ^{77}Se deduced levels, γ -branching, J, π .

Keynumber: 1982TOZT

Reference: Thesis, Univ.Koln (1982); JUL-Spez-158 (1982)

Authors: Y.Tokunaga

Title: Untersuchung der Niveauschemata von ^{75}Se , ^{76}Se and ^{77}Se durch Einfang Thermischer Neutronen

Keyword abstract: RADIOACTIVITY $^{75}\text{Se}(\text{EC})$ [from $^{74}\text{Se}(n,\gamma)$]; measured I(ce). ^{75}As deduced levels, J, π .

Keyword abstract: NUCLEAR REACTIONS 74 , $^{76}\text{Se}(n,\gamma)$, E=low; measured $E\gamma$, I γ , I(ce); deduced production σ for ^{76}Se via double neutron capture, reaction mechanism. 75 , 76 , 77 , ^{78}Se deduced levels, J, π .

Keynumber: 1982TOZS

Reference: JUL-Spez-145 (1982); Erratum (March 1983)

Authors: Y.Tokunaga, H.G.Borner

Title: Gamma- and Conversion-Electron Data from Slow Neutron Capture in ^{74}Se , ^{75}Se , ^{76}Se and ^{77}Se and from $^{75}\text{Se}(\text{E.C.})^{75}\text{As}$

Keyword abstract: RADIOACTIVITY $^{75}\text{Se}(\text{EC})$ [from $^{74}\text{Se}(n,\gamma)$]; measured I(ce).

Keyword abstract: NUCLEAR REACTIONS 74 , $^{76}\text{Se}(n,\gamma)$, E=low; measured $E\gamma$, I γ , I(ce); deduced double neutron capture σ in 74 , ^{76}Se . 76 , ^{78}Se deduced levels. ^{75}Se deduced levels, subshell ICC, γ -multipolarity.

Keynumber: 1981TOZZ

Reference: JUL-Spez-99 p.75 (1981)

Authors: Y.Tokunaga, H.Seyfarth, O.Schult, H.G.Borner, C.Hofmeyr

Title: Determination of Primary γ -Rays after Thermal Neutron Capture in ^{74}Se

Keyword abstract: NUCLEAR REACTIONS $^{74}\text{Se}(n,\gamma)$, E=thermal; measured $E\gamma$, I γ ; deduced capture production σ for ^{75}Se . ^{75}Se deduced neutron binding energy. Bent crystal spectrometer.

Keyword abstract: RADIOACTIVITY ^{76}Se [from double neutron capture on ^{74}Se]; measured $E\gamma$, I γ ; deduced neutron binding energy, transitions. Bent crystal spectrometer.

Keynumber: 1981EN07

Reference: Nucl.Phys. A372, 125 (1981)

Authors: G.Engler, R.E.Chrien, H.I.Liou

Title: Thermal and Resonance Neutron Capture Studies in Se Targets with A = 74,76,77,78,80

Keyword abstract: NUCLEAR REACTIONS 74 , 76 , 77 , 78 , $^{80}\text{Se}(n,\gamma)$, E=thermal, resonance; measured $E\gamma$, I γ . 75 , 77 , 78 , ^{81}Se deduced neutron separation energies, Q. 75 , 77 , 78 , 79 , ^{81}Se deduced levels, J, π .

Keynumber: 1980TOZU

Reference: JUL-Spez-72, p.69 (1980)

Authors: Y.Tokunaga, G.Barreau, H.Borner, H.Faust, O.W.B.Schult, H.Seyfarth

Title: Nuclear Structure Studies of ^{75}Se and ^{77}Se by Radiative Thermal Neutron Capture

Keyword abstract: NUCLEAR REACTIONS $^{74}, ^{76}\text{Se}(n,\gamma), E=\text{thermal}$; measured $E\gamma, I\gamma, I(\text{ce})$. High resolution curved crystal spectrometer.

Keynumber: 1975HOZH

Coden: JOUR BAPSA 20 566 AQ11

Keyword abstract: NUCLEAR REACTIONS $^{74}\text{Se}(n,\gamma)$; analyzed data. ^{75}Se deduced neutron separation energy.

Keynumber: 1973MU20

Reference: Nucl.Phys. A213, 35 (1973)

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

Title: Structure of 3P Size Resonance in Neutron Strength Functions

Keyword abstract: NUCLEAR REACTIONS $^{63}\text{Cu}, ^{68}\text{Zn}, ^{74}, ^{80}\text{Se}, ^{81}\text{Br}, ^{85}, ^{87}\text{Rb}, ^{96}, ^{102}, ^{104}\text{Ru}, ^{98}, ^{100}\text{Mo}, ^{108}\text{Pd}, ^{109}\text{Ag}, ^{113}, ^{115}\text{In}, ^{121}, ^{123}\text{Sb}, ^{133}\text{Cs}, ^{138}\text{Ba}, ^{140}\text{Ce}(n,\gamma), E=18-28 \text{ keV}$; measured σ , extracted p-wave neutron strength function.

Keynumber: 1973AK02

Reference: Izv.Akad.Nauk SSSR, Ser.Fiz. 37, 993 (1973); Bull.Acad.Sci.USSR, Phys.Ser. 37, No.5, 70 (1974)

Authors: M.R.Akhmed, A.M.Demidov, M.A.Khalil, F.A.Khussein

Title: γ -Ray Spectrum from the $^{74}\text{Se}(n,\gamma)^{75}\text{Se}$ Reaction Using Thermal Neutrons

Keyword abstract: NUCLEAR REACTIONS $^{74}\text{Se}(n,\gamma), E=\text{th}$; measured $E\gamma, I\gamma$; deduced Q. ^{75}Se deduced levels, transitions.

Keyword abstract: RADIOACTIVITY ^{75}Se ; measured $E\gamma, I\gamma$.

Keynumber: 1972SI20

Reference: J.Phys.(London), A5, 877 (1972)

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

Title: p Wave Neutron Capture in Medium and Heavy Weight Nuclei

Keyword abstract: NUCLEAR REACTIONS $^{74}, ^{78}\text{Se}, ^{84}\text{Sr}, ^{109}\text{Ag}, ^{122}\text{Te}, ^{159}\text{Tb}, ^{169}\text{Tm}, ^{174}, ^{176}\text{Yb}, ^{178}, ^{179}\text{Hf}, ^{192}\text{Os}(n,\gamma), E=25 \text{ keV}$; measured average σ .

Keynumber: 1970RU06

Reference: Yad.Fiz. 11, 1129 (1970); Sov.J.Nucl.Phys. 11, 627 (1970)

Authors: E.A.Rudak, E.I.Firsov, A.M.Khilmanovich

Title: Spectrum of γ Rays from the Reaction $\text{Se}^{74}(n,\gamma)\text{Se}^{75}$ on Thermal Neutrons

Keyword abstract: NUCLEAR REACTIONS $^{74}\text{Se}(n,\gamma), E=\text{thermal}$; measured $E\gamma, I\gamma$. ^{75}Se deduced transitions, levels.

Keynumber: 1970MUZS

Coden: CONF Madurai(Nucl,Solid State Phys),Vol2,P29

Keyword abstract: NUCLEAR REACTIONS $^{74}\text{Se}, ^{84}\text{Sr}, ^{109}\text{Ag}, ^{122}\text{Te}, ^{159}\text{Tb}, ^{168}\text{Yb}, ^{174}, ^{176}\text{Yb}, ^{169}\text{Tm}, ^{178}, ^{179}\text{Hf}, ^{191}\text{Ir}, ^{192}\text{Os}(n,\gamma), E=25 \text{ MeV}$; measured σ .

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