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18 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: 1999VA07

Reference: Nucl.Instrum.Methods Phys.Res. A422, 874 (1999)

Authors: S.Van Lierde, F.De Corte, D.Bossus, R.van Sluijs, S.Pomme

Title: Determination of k_0 and Related Nuclear Data for Short-Lived Radionuclides to be used in KAYZERO-NAA at DSM Research

Keyword abstract: NUCLEAR REACTIONS ^{19}F , ^{70}Zn , ^{76}Se , ^{79}Br , ^{103}Rh , ^{108}Pd , ^{109}Ag , ^{123}Sb , ^{178}Hf , ^{204}Hg (n, γ),E=reactor; measured $E\gamma$, $I\gamma$; deduced k_0 for neutron activation analysis.

Keynumber: 1992BE10

Reference: Astrophys.J. 389, 784 (1992)

Authors: H.Beer, G.Walter, F.Kappeler

Title: Measurement of the ^{76}Se (n, γ) Capture Cross Section and Phenomenological s-Process Studies: The weak component

Keyword abstract: NUCLEAR REACTIONS ^{76}Se (n, γ),E=0.003-.2 MeV; measured capture σ (E); deduced s-process weak component features,solar Kr-abundance; calculated Maxwellian averaged capture σ .

Keynumber: 1991HI23

Reference: J.Radioanal.Nucl.Chem. 153, 169 (1991)

Authors: P.Z.Hien, T.K.Mai, T.X.Quang, N.V.Loc, T.N.Thuy

Title: Determination of k_0 -Factors of Short-Lived Nuclides ($T \geq 1$ Min) by Thermal Neutron Activation Technique

Keyword abstract: NUCLEAR REACTIONS ^{19}F , ^{37}Cl , ^{45}Sc , ^{76}Se , ^{103}Rh , ^{106}Pd , ^{109}Ag , ^{138}Ce , ^{164}Dy , ^{166}Er , ^{178}Hf (n, γ),E=thermal; measured γ -spectra. ^{20}F , $^{38\text{m}}\text{Cl}$, $^{46\text{m}}\text{Sc}$, $^{77\text{m}}\text{Se}$, ^{104}Rh , ^{107}Pd , ^{110}Ag , $^{139\text{m}}\text{Ce}$, $^{165\text{m}}\text{Dy}$, $^{167\text{m}}\text{Er}$, $^{179\text{m}}\text{Hf}$ deduced k_0 -Au factors.

Keynumber: 1985TO10

Reference: Nucl.Phys. A439, 427 (1985)

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

Title: Low-Lying Levels of ^{77}Se Studied by Thermal Neutron Capture and Evidence for a New Term in the E2 Operator of TQM(IBM)

Keyword abstract: NUCLEAR REACTIONS ^{76}Se (n, γ),E=thermal; measured $I\gamma$, $E\gamma$, $I(\text{ce})$; deduced

Q,neutron separation energy. ^{77}Se deduced levels J, π ,population probability. Enriched target,crystal-, β -pair-spectrometers. Statistical,particle-vibration model analyses.

Keynumber: 1983TOZZ

Reference: JUL-Spez-202, p.39 (1983)

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

Title: Neutron Capture γ -Ray Spectroscopy of ^{77}Se

Keyword abstract: NUCLEAR REACTIONS $^{76}\text{Se}(n,\gamma)$,E not given; measured $E\gamma$, $I\gamma$, $I(\text{ce})$. ^{77}Se deduced levels, $\delta(E2/M1)$,ICC.

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. $^{75,77}\text{Se}$ 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 $I(\text{ce})$. ^{75}As deduced levels,J, π .

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

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

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 $E\gamma$, $I\gamma$. $^{75,77,78,81}\text{Se}$ deduced neutron separation energies,Q. $^{75,77,78,79,81}\text{Se}$ 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: 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: 1973PE10

Reference: Acta Phys. 33, 363 (1973)

Authors: G.Peto, J.Csikai, G.M.Shuriet, I.Jozsa, V.Asztalos

Title: Average Cross Sections for Pu- α -Be Neutrons; Low-Energy Neutrons from α -n Sources

Keyword abstract: NUCLEAR REACTIONS $^{27}\text{Al}, ^{28}\text{Si}, ^{31}\text{P}(n,p), ^{77}\text{Se}, ^{79}\text{Br}, ^{87}\text{Sr}, ^{89}\text{Y}, ^{111}\text{Cd}, ^{115}\text{In}, ^{135}, ^{137}\text{Ba}, ^{197}\text{Au}, ^{199}\text{Hg}, ^{204}\text{Pb}(n,n'\gamma), ^{76}\text{Se}, ^{79}\text{Br}, ^{86}\text{Sr}, ^{110}\text{Cd}, ^{115}\text{In}, ^{127}\text{I}, ^{134}, ^{136}\text{Ba}, ^{197}\text{Au}, ^{198}\text{Hg}(n,\gamma), E < 2 \text{ MeV}$; measured σ .

Keynumber: 1973MU23

Reference: Yad.Fiz. 18, 479 (1973); Sov.J.Nucl.Phys. 18, 246 (1974)

Authors: A.V.Murzin, V.M.Kolomiets

Title: Nature of Excited States of $\text{Zn}^{69}, \text{Ge}^{71}, \text{Se}^{77}, ^{79}, ^{81}$ Nuclei Produced in Capture of Thermal Neutrons

Keyword abstract: NUCLEAR REACTIONS $^{68}\text{Zn}, ^{70}\text{Ge}, ^{76}, ^{78}, ^{80}\text{Se}(n,\gamma), E=\text{thermal}$; measured nothing, analyzed data. $^{69}\text{Zn}, ^{71}\text{Ge}, ^{77}, ^{79}, ^{81}\text{Se}$ deduced levels.

Keynumber: 1972RAZC

Coden: REPT BMBW-FBK 72-07,P11,10/27/72,CRL

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

Keynumber: 1971RA07

Reference: Z.Naturforsch. 26a, 458 (1971)

Authors: D.Rabenstein, H.Vonach

Title: Untersuchung des Neutroneneinfang-Mechanismus in der Reaktion $^{80}\text{Se}(n,\gamma)^{81}\text{Se}$ und der Kernstruktur von $^{77}\text{Se}, ^{78}\text{Se}$ und ^{81}Se mit Hilfe von (n,γ) -Reaktionen

Keyword abstract: NUCLEAR REACTIONS $\text{Se}, ^{76}, ^{80}\text{Se}(n,\gamma), E=\text{thermal}$; measured $E\gamma, I\gamma, \gamma\gamma\text{-coin}$; deduced $Q, ^{77}, ^{78}, ^{81}\text{Se}$ deduced levels, J, π, 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 $^{74}, ^{76}, ^{77}, ^{78}, ^{80}, ^{82}\text{Se}(n,X), (n,\gamma), E < 20 \text{ keV}$; measured

$\sigma(E)$, transmission. ⁷⁵, ⁷⁷, ⁷⁸, ⁷⁹, ⁸¹, ⁸³Se deduced resonances, J, level-width, strength functions.

Keynumber: 1967RA24

Reference: Proc.Intern.Conf.Atomic Masses, 3rd, Winnipeg, Canada, R.C.Barber, Ed., Univ.Manitoba Press, p.278(1967)

Authors: N.C.Rasmussen, V.J.Orphan, Y.Hukai

Title: Determination of (n, γ) Reaction Q Values from Capture γ -Ray Spectra

Keyword abstract: NUCLEAR REACTIONS ⁶Li, ⁷Li, ⁹Be, ¹⁰B, ¹²C, ¹⁴N, ¹⁹F, ²³Na, ²⁴Mg, ²⁵Mg, ²⁶Mg, ²⁷Al, ²⁸Si, ³¹P, ³²S, ³⁵Cl, ⁴⁰Ca, ⁴⁵Sc, ⁴⁸Ti, ⁵¹V, ⁵⁵Mn, ⁵⁴Fe, ⁵⁶Fe, ⁵⁹Co, ⁵⁸Ni, ⁶⁰Ni, ⁶³Cu, ⁶⁵Cu, ⁶⁶Zn, ⁶⁷Zn, ⁷³Ge, ⁷⁶Se, ⁸⁵Rb, ⁸⁷Rb, ⁸⁹Y, ⁹³Nb, ¹⁰³Rh, ¹¹³Cd, ¹²³Te, ¹³³Cs, ¹³⁹La, ¹⁴¹Pr, ¹⁴⁹Sm, ¹⁵³Eu, ¹⁵⁷Gd, ¹⁵⁹Tb, ¹⁶⁵Ho, ¹⁶⁷Er, ¹⁶⁹Tm, ¹⁸¹Ta, ¹⁸²W, ¹⁹⁵Pt, ¹⁹⁷Au, ¹⁹⁹Hg, ²⁰³Tl, ²⁰⁷Pb(n, γ), E = thermal; measured E γ ; deduced Q. Natural targets.