

Visit the [Isotope Explorer](#) home page!

14 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: 1973GRZV

Reference: Priv.Comm. (1973)

Authors: R.C.Greenwood

Title:

Keyword abstract: NUCLEAR REACTIONS $^{168}\text{Yb}(n,\gamma)$, $E=\text{thermal}$; measured $E\gamma, I\gamma$.

Keynumber: 1973GRYF

Coden: REPT ANCR-1129 P40

Keyword abstract: NUCLEAR REACTIONS $^{168}\text{Yb}(n,\gamma)$, $E=\text{thermal}$; measured $E\gamma, I\gamma$. ^{169}Yb deduced transitions.

Keynumber: 1972VEZM

Reference: Natl.Sov.Conf. on Neutron Physics, Kiev, p.181 (1971)

Authors: V.P.Vertebnyi, P.N.Vorona, A.I.Kalchenko, V.V.Koloty, M.V.Pasechnik, V.A.Pshenichnyi, Zh.I.Pisanko, V.K.Rudishin

Title: Investigation of the Interaction of Slow Neutrons with a Series of Isotopes of Elements in the Mass Region 168 - 192

Keyword abstract: NUCLEAR REACTIONS $^{186, 187, 189, 190, 192}\text{Os}$, $^{168}\text{Yb}(n,\gamma)$; measured $\sigma(E)$. $^{187, 188, 190, 191, 193}\text{Os}$, ^{169}Yb deduced resonances,level-width.

Keynumber: 1972SCYT

Coden: CONF Teddington(Atomic Masses, Fund Constants),P123

Keyword abstract: NUCLEAR REACTIONS $^{107, 109}\text{Ag}$, ^{139}La , ^{150}Sm , $^{151, 152}\text{Eu}$, $^{155, 157}\text{Gd}$, ^{159}Tb , $^{168, 171, 174}\text{Yb}$, ^{178}Hf , $^{181, 182}\text{Ta}$, $^{197, 198}\text{Au}$, ^{199}Hg , $^{232}\text{Th}(n,\gamma)$; measured $E\gamma$. $^{108, 110}\text{Ag}$, ^{140}La , ^{151}Sm , $^{152, 153}\text{Eu}$, $^{156, 158}\text{Gd}$, ^{160}Tb , $^{169, 172, 175}\text{Yb}$, ^{179}Hg , $^{182, 183}\text{Ta}$, $^{198, 199}\text{Au}$, ^{200}Hg , ^{233}Th deduced transitions.

Keynumber: 1972RA26

Reference: Nucl.Sci.Eng. 48, 219 (1972)

Authors: F.Rahn, H.S.Camarda, G.Hacken, W.W.Havens,Jr., H.I.Liou, J.Rainwater, M.Slagowitz, S.Wynchank

Title: Values of the Neutron Resonance Capture Integral for Some Rare Earth Isotopes

Keyword abstract: NUCLEAR REACTIONS $^{152, 154}\text{Sm}$, ^{153}Eu , $^{154, 158, 160}\text{Gd}$, $^{166, 167, 168, 170}\text{Er}$, $^{168, 170, 171, 172, 174, 176}\text{Yb}$, ^{175}Lu , $^{182, 183, 184, 186}\text{W}(n,\gamma)$; calculated resonance integrals.

Keynumber: 1972MOYY

Coden: REPT ZFK-243,P93

Keyword abstract: NUCLEAR REACTIONS ^{164}Dy , 166 , 168 , ^{170}Er , 168 , ^{170}Yb , 178 , ^{180}Hf , 182 , ^{184}W (n, γ); compiled n-resonance data, (n, γ) decay modes.

Keynumber: 1971HAXR

Coden: REPT NCSAC-42,P61,G Hacken,5/19/72

Keyword abstract: NUCLEAR REACTIONS 152 , ^{154}Sm , 151 , ^{153}Eu , 154 , 158 , ^{160}Gd , 166 , 167 , 168 , ^{170}Er , 168 , 170 , 171 , 172 , 174 , ^{176}Yb , ^{175}Lu , 182 , 183 , 184 , ^{186}W (n, γ), measured capture resonance integrals.

Keynumber: 1970SI10

Reference: J.Inorg.Nucl.Chem. 32, 2839 (1970)

Authors: G.H.E.Sims, D.G.Juhnke

Title: The Thermal Neutron Capture Cross-Sections and Resonance Capture Integrals of ^{44}Ca , ^{62}Ni , ^{168}Yb , ^{174}Yb , ^{169}Tm , and ^{203}Tl

Keyword abstract: NUCLEAR REACTIONS ^{44}Ca , ^{62}Ni , 168 , ^{174}Yb , ^{169}Tm , ^{203}Tl (n, γ), E=thermal; measured σ ; deduced resonance integrals.

Keynumber: 1970MUZS

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

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

Keynumber: 1969BO16

Reference: Latvijas PSR Zinatnu Akad.Vestis, Fiz.Teh.Zinatnu Ser., No.1, 3 (1969)

Authors: V.Bondarenko, P.Prokofev, P.Manfrass, A.Andreeff

Title: ^{169}Yb Levels Excited in the (n, γ) Reaction

Keyword abstract: NUCLEAR REACTIONS ^{168}Yb (n, γ), E = thermal; measured $E\gamma$, $I\gamma$, $\gamma\gamma$ -coin, I(ce). ^{169}Yb deduced levels, J, π , ICC, γ -multipolarity. Ge(Li) detector.

Keynumber: 1968NA21

Reference: Thesis, Physikinstitut, Reaktorzentrum Seibersdorf, Austria (1968); SGAE-PH-78/1968

Authors: H.Nabielek

Title: Untersuchung von Obergangsraten Elektromagnetischer Ubergange durch Messung der Lebensdauer Angeregter Kernniveaus nach Neutroneneinfang

Keyword abstract: NUCLEAR REACTIONS ^{55}Mn , ^{197}Au , ^{152}Sm , 162 , ^{164}Dy , ^{166}Er , ^{168}Yb (n, γ),E not given; measured $\gamma\gamma$ -delay. ^{56}Mn , ^{153}Sm , 163 , ^{165}Dy , ^{198}Au , ^{167}Er , ^{169}Yb levels deduced $T_{1/2}$.

Keynumber: 1968MI08

Reference: Nucl.Phys. A119, 609 (1968)

Authors: W.Michaelis, F.Weller, H.Schmidt, G.Markus, U.Fanger

Title: Konfigurationsmischungen in ^{169}Yb

Keyword abstract: NUCLEAR REACTIONS ^{168}Yb (n, γ),E=thermal; measured $E\gamma$, $I\gamma$. ^{169}Yb deduced levels, J, π . Enriched target, Ge(Li) detector.

Keynumber: 1967MI12

Reference: KFK-562 (1967)

Authors: W.Michaelis, U.Fanger, D.Lange, G.Markus, H.Schmidt, C.Weitkamp

Title: Koinzidenzexperimente bei Neutroneneinfangreaktionen

Keyword abstract: NUCLEAR REACTIONS ^{57}Fe , ^{164}Dy , $^{168}\text{Yb}(n,\gamma)$, E=thermal; measured $E\gamma$, $I\gamma$, $\gamma\gamma$ -coin. ^{58}Fe , ^{165}Dy , ^{169}Yb deduced levels. $^{87}\text{Sr}(n,\gamma)$, E=thermal; measured $\gamma\gamma(\theta)$. ^{88}Sr deduced levels, J, π .
