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4 reference(s) found :

Keynumber: [1996WI14](#)

Reference: Phys.Rev. C54, 1451 (1996)

Authors: K.Wisshak, F.Voss, Ch.Theis, F.Kappeler, K.Guber, L.Kazakov, N.Kornilov, G.Reffo

Title: Stellar Neutron Capture Cross Sections of the Tin Isotopes

Keyword abstract: NUCLEAR REACTIONS $^{114, 115, 116, 117, 118, 120}\text{Sn}(n,\gamma)$, $E=3-225$ keV; measured capture $\sigma(E)$; deduced Maxwellian averaged σ for stellar temperatures $kT=10$ to 100 keV.

Keynumber: 1989TI03

Reference: Yad.Fiz. 50, 609 (1989)

Authors: V.M.Timokhov, M.V.Bokhovko, A.G.Isakov, L.E.Kazakov, V.N.Kononov, G.N.Manturov, E.D.Poletaev, V.G.Pronyaev

Title: Neutron Capture, Total Cross Sections and Average Resonance Parameters for Tin Isotopes

Keyword abstract: NUCLEAR REACTIONS $^{112, 114, 115, 116, 117, 118, 119, 120, 122, 124}\text{Sn}(n,\gamma)$, $E=20-450$ keV; measured capture $\sigma(E)$. $^{112, 114, 115, 116, 117, 118, 119, 120, 122, 124}\text{Sn}(n,X)$, $E=20-1400$ keV; measured total $\sigma(E)$; deduced s-,p-wave potential scattering radii, model parameters. $^{113, 115, 116, 117, 118, 119, 121, 122, 123, 125}\text{Sn}$ deduced s-,p-wave, γ -strength functions.

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: 1966HAZY

Reference: ORNL-3924, p.37 (1966)

Authors: J.A.Harvey, G.G.Slaughter, M.J.Martin

Title: High-Resolution Measurements of Gamma Rays from Thermal- and Resonance-Neutron Capture in the Isotopes of Tin

Keyword abstract: NUCLEAR REACTIONS $^{114, 115, 116, 117, 118, 119, 120, 122, 124}\text{Sn}(n,\gamma)$, $E=\text{thermal, resonance}$; measured $\sigma(E)\gamma$. $^{116, 117, 118, 119, 120, 121, 123, 125}\text{Sn}$ deduced levels. $^{118, 122}\text{Sn}$ deduced resonance.