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6 reference(s) found :

Keynumber: 1997PA24

Reference: Bull.Rus.Acad.Sci.Phys. 61, 163 (1997)

Authors: I.V.Panov

Title: Radiative Neutron Capture and r-Process

Keyword abstract: NUCLEAR REACTIONS ^{116, 118, 120, 122, 124, 119}Sn, ^{120, 125, 126, 122, 124, 128, 130}Te(n,γ),E=30 keV; calculated capture σ; deduced r-process associated kinetic models predictions features regarding elements concentration. Fermi gas model.

Keyword abstract: NUCLEAR STRUCTURE A=110-140; A=140-180; A=230-270; calculated 30 keV neutron capture σ on neutron rich Cd,Pr,U isotopes; deduced r-process associated kinetic models predictions features regarding elements concentration. Fermi gas model.

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

Keynumber: 1973BOWK

Coden: REPT ANL-8035 P9

Keyword abstract: NUCLEAR REACTIONS ^{117, 119}Sn(n,γ); measured σ(Eγ).

Keynumber: 1971BOZC

Coden: JOUR BAPSA 16 1181,L M Bollinger,10/29/71

Keyword abstract: NUCLEAR REACTIONS ^{117, 119}Sn(n,γ),E=resonance; measured Eγ,Iγ. ^{118, 120}Sn deduced giant resonance,level-width.

Keynumber: 1968HAZW

Reference: Proc.Conf.Slow-Neutron-Capture Gamma-Ray Spectr., Argonne, Ill. (1966), F.E.Throw, Ed., ANL-7282, p.507 (1968)

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

Title: High-Resolution Capture Gamma-Ray Measurements from Thermal and Resonance Neutron Capture in ¹¹⁹Sn, ¹¹⁶Sn, ¹²²Sn, and ¹²⁴Sn

Keyword abstract: NUCLEAR REACTIONS ^{116, 119, 122, 124}Sn(n,γ), E = thermal,resonance; measured Eγ, Iγ. ^{117, 120, 123, 125}Sn deduced levels. Ge(Li) detector.

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=thermal, resonance; measured $\sigma(E\gamma)$, $I\gamma$. $^{116, 117, 118, 119, 120, 121, 123, 125}\text{Sn}$ deduced levels. $^{118, 122}\text{Sn}$ deduced resonance.
