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

Keynumber: 1970BO29

Reference: Phys.Rev. C2, 1951 (1970)

Authors: L.M.Bollinger, G.E.Thomas

Title: Average-Resonance Method of Neutron-Capture γ -Ray Spectroscopy: States of ¹⁰⁶Pd, ¹⁵⁶Gd, ¹⁵⁸Gd, ¹⁶⁶Ho, and ¹⁶⁸Er

Keyword abstract: NUCLEAR REACTIONS ¹⁰², ¹⁰⁴, ¹⁰⁵Pd, ¹⁵⁴, ¹⁵⁵, ¹⁵⁶, ¹⁵⁷Gd, ¹⁶⁴, ¹⁶⁶, ¹⁶⁷, ¹⁶⁸Er, ¹⁶⁵Ho(n, γ),E=thermal,epithermal; measured E γ ,I γ ; deduced Q. ¹⁰³, ¹⁰⁵Pd, ¹⁵⁵, ¹⁵⁷Gd, ¹⁶⁵, ¹⁶⁷, ¹⁶⁹Er deduced levels. ¹⁰⁶Pd, ¹⁵⁶, ¹⁵⁸Gd, ¹⁶⁶Ho, ¹⁶⁸Er deduced levels,J, π .