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3 reference(s) found :

Keynumber: 1986WA20

Reference: Nucl.Sci.Eng. 93, 357 (1986)

Authors: G.Walter, B.Leugers, F.Kappeler, Z.Y.Bao, G.Reffo, F.Fabbri

Title: Kilo-Electron-Volt Neutron Capture Cross Sections of the Krypton Isotopes

Keyword abstract: NUCLEAR REACTIONS $^{78}, ^{80}, ^{82}, ^{83}, ^{84}, ^{86}\text{Kr}(n,\gamma), E=3-243$ keV; measured capture $\sigma(E)$. $^{85}\text{Kr}(n,\gamma), E=3-243$ keV; calculated capture $\sigma(E)$; deduced Maxwellian average capture σ for $^{78}, ^{79}, ^{80}, ^{81}, ^{82}, ^{83}, ^{84}, ^{85}, ^{86}\text{Kr}$. Statistical model.

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 $^{74}, ^{82}\text{Se}, ^{82}\text{Kr}, ^{84}\text{Sr}, ^{102}, ^{109}, ^{112}\text{Pd}, ^{104}, ^{109}, ^{115}, ^{117}, ^{118}\text{Cd}, ^{110}, ^{113}, ^{114}, ^{115}, ^{121}\text{Sn}, ^{120}, ^{127}, ^{129}, ^{131}, ^{132}\text{Te}, ^{131}, ^{132}, ^{133}\text{Ba}, ^{145}, ^{146}, ^{151}, ^{156}\text{Sm}, ^{152}, ^{154}, ^{159}\text{Gd}, ^{156}, ^{158}, ^{160}, ^{165}\text{Dy}, ^{166}, ^{168}, ^{169}, ^{175}\text{Yb}, ^{190}\text{Os}(n,\gamma), E=30$ keV; analyzed average radiative σ dependence on neutron number, neutron binding energy; deduced σ .

Keynumber: 1968KO13

Reference: Nucl.Phys. A120, 329 (1968)

Authors: E.Kondaiah, N.RanaKumar, R.W.Fink

Title: Thermal Neutron Activation Cross Sections for Kr and Xe Isotopes

Keyword abstract: NUCLEAR REACTIONS $^{78}, ^{80}, ^{82}, ^{84}\text{Kr}, ^{124}, ^{126}, ^{128}, ^{130}, ^{132}, ^{134}, ^{136}\text{Xe}(n,\gamma)$. E=thermal; measured σ ; deduced isomer cross-section ratio, spin cutoff parameter. Solid quinol-clathrate targets.