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5 reference(s) found :

Keynumber: 1999CAZU

Reference: INDC(CPR)-048/L, p.40 (1999)

Authors: C.Cai

Title: Calculations of a Complete Data Set for $n + {}^{83}\text{Kr}$, ${}^{84}\text{Kr}$, ${}^{85}\text{Kr}$ and ${}^{86}\text{Kr}$ in the Energy Region 0.001 \div 20 MeV

Keyword abstract: NUCLEAR REACTIONS 83 , 84 , 85 , ${}^{86}\text{Kr}(n,n)$, (n,n') , (n,γ) , (n,p) , (n,α) , (n,d) , (n,t) , $(n,2n)$, $(n,3n)$, (n,np) , $(n,n\alpha)$; calculated σ , neutron energy distribution following inelastic scattering and 2-neutron evaporation. Coupled-channel calculations. Comparison to data.

Keynumber: 1987HA21

Reference: J.Phys.(London) G13, 1143 (1987)

Authors: S.A.Hamada, W.D.Hamilton, F.Hoyler

Title: Gamma-Gamma Directional Correlation Measurements in ${}^{84}\text{Kr}$ following Thermal Neutron Capture by Natural Krypton

Keyword abstract: NUCLEAR STRUCTURE 82 , 84 , ${}^{86}\text{Kr}$; calculated levels, quadrupole moments, $B(\lambda, \delta)$, potential energy surfaces. Interacting boson model.

Keyword abstract: NUCLEAR REACTIONS ${}^{83}\text{Kr}(n,\gamma)$, $E=\text{thermal}$; measured $E\gamma, I\gamma, \gamma\gamma(\theta)$. ${}^{84}\text{Kr}$ deduced levels, J, π, δ . Natural gas target, directional correlation system. Interacting boson model.

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: 1973LAYG

Reference: RCN-191 (1973)

Authors: G.Lautenbach

Title: Calculated Neutron Absorption Cross Sections of 75 Fission Products

Keyword abstract: NUCLEAR REACTIONS ${}^{81}\text{Br}$, 83 , 84 , 85 , ${}^{86}\text{Kr}$, 85 , ${}^{87}\text{Rb}$, 88 , ${}^{90}\text{Sr}$, ${}^{89}\text{Y}$, 91 , 92 , 93 , 94 , 95 , ${}^{96}\text{Zr}$, 95 , 97 , 98 , ${}^{100}\text{Mo}$, ${}^{99}\text{Tc}$, 101 , 102 , 104 , ${}^{106}\text{Ru}$, ${}^{103}\text{Rh}$, 105 , 106 , 107 , 108 , ${}^{110}\text{Pd}$, ${}^{109}\text{Ag}$, 111 , 112 , 113 , ${}^{114}\text{Cd}$, ${}^{115}\text{In}$, 126 , 128 , ${}^{130}\text{Te}$, 127 , ${}^{129}\text{I}$, 131 , 132 , 134 , ${}^{136}\text{Xe}$, 133 , 135 , ${}^{137}\text{Cs}$, ${}^{138}\text{Ba}$, ${}^{139}\text{La}$, 140 , ${}^{142}\text{Ce}$, ${}^{141}\text{Pr}$, 143 , 144 , 145 , 146 , 148 , ${}^{150}\text{Nd}$, ${}^{147}\text{Pm}$, 147 , 148 , 149 , 150 , 151 , 152 , ${}^{154}\text{Sm}$, 153 , 154 , ${}^{155}\text{Eu}$, 155 , 156 , 157 , ${}^{158}\text{Gd}$, ${}^{159}\text{Tb}(n,\gamma)$; calculated $\sigma(E)$.

Keynumber: 1971SCYJ

Coden: REPT HEDL-TME-71-143,R Schenter,11/20/72

Keyword abstract: NUCLEAR REACTIONS ${}^{83}\text{Kr}$, ${}^{95}\text{Zr}$, ${}^{95}\text{Nb}$, 95 , 97 , 98 , 99 , ${}^{100}\text{Mo}$, 101 , 102 , 103 , 104 , 105 , ${}^{106}\text{Ru}$, ${}^{105}\text{Rh}$, 105 , 106 , 107 , ${}^{109}\text{Pd}$, ${}^{113}\text{Cd}$, 131 , ${}^{135}\text{I}$, 131 , ${}^{133}\text{Xe}$, 135 , ${}^{137}\text{Cs}$, ${}^{139}\text{La}(n,X)$, (n,γ) , (n,n) , (n,n') , $E < 10$ MeV; analyzed $\sigma(E)$; evaluated capture σ .