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8 reference(s) found :

Keynumber: 2000YUZW

Reference: INDC(CPR)-052/L, p.115 (2000)

Authors: B.Yu, Q.Shen, Z.Zhang

Title: Evaluation of Complete Neutron Data for Fission Product Nuclides $^{129,131,132,134-136}\text{Xe}$ from 10^{-5} eV to 20 MeV

Keyword abstract: NUCLEAR REACTIONS $^{129, 131, 132, 134, 135, 136}\text{Xe}(n,X)$, (n,xn) , (n,γ) , $E < 20$ MeV; compiled,evaluated σ .

Keynumber: 2000OHZZ

Reference: BNL-NCS-67469 (2000)

Authors: S.-Y.Oh, J.Chang, S.Mughabghab

Title: Neutron Cross Section Evaluations of Fission Products Below the Fast Energy Region

Keyword abstract: NUCLEAR REACTIONS ^{95}Mo , ^{99}Tc , ^{101}Ru , ^{103}Rh , ^{105}Pd , ^{109}Ag , ^{131}Xe , ^{133}Cs , ^{141}Pr , $^{143, 145}\text{Nd}$, $^{147, 149, 150, 151, 152}\text{Sm}$, ^{153}Eu , $^{155, 157}\text{Gd}(n,\gamma)$, $E < 250$ keV; compiled,analyzed capture σ ,resonance parameters,related features. Comparison with data,previous evaluations.

Keynumber: 1988HA28

Reference: J.Phys.(London) G14, 1237 (1988)

Authors: S.A.Hamada, W.D.Hamilton, B.More

Title: Gamma-Gamma Directional Correlation Measurements in $^{130, 132}\text{Xe}$ following Thermal Neutron Capture by Natural Xenon

Keyword abstract: NUCLEAR REACTIONS $^{129, 131}\text{Xe}(n,\gamma)$, $E=\text{thermal}$; measured $E(\gamma)$, $I(\gamma)$, $\gamma\gamma(\theta)$. $^{130, 132}\text{Xe}$ deduced levels, $J, \pi, \delta, B(\lambda)$. Model comparisons.

Keyword abstract: NUCLEAR STRUCTURE $^{122, 124, 126, 128, 130, 132}\text{Xe}$; calculated levels, $\delta, B(\lambda)$, potential energy surfaces. Interacting boson, dynamic deformation models.

Keynumber: 1977II01

Reference: J.Nucl.Sci.Technol. 14, 161 (1977)

Authors: S.Iijima, T.Nakagawa, Y.Kikuchi, M.Kawai, H.Matsunobu, K.Maki, S.Igarasi

Title: Evaluation of Neutron Cross Section of 27 Fission Product Nuclides Important for Fast Reactor

Keyword abstract: NUCLEAR REACTIONS ^{93}Zr , $^{95, 97}\text{Mo}$, ^{99}Tc , $^{101, 102, 104, 106}\text{Ru}$, ^{103}Rh , $^{105, 107}\text{Pd}$, ^{109}Ag , ^{129}I , ^{131}Xe , $^{133, 135, 137}\text{Cs}$, $^{143, 144, 145}\text{Nd}$, ^{144}Ce , ^{147}Pm , $^{147, 149, 151}\text{Sm}$, $^{153, 155}\text{Eu}$ (n,n) , (n,γ) , (n,n') , (n,X) , $E=\text{th-15 MeV}$; calculated σ .

Keynumber: 1973LAYG

Reference: RCN-191 (1973)

Authors: G.Lautenbach

Title: Calculated Neutron Absorption Cross Sections of 75 Fission Products

Keyword abstract: NUCLEAR REACTIONS ^{81}Br , $^{83, 84, 85, 86}\text{Kr}$, $^{85, 87}\text{Rb}$, $^{88, 90}\text{Sr}$, ^{89}Y , $^{91, 92, 93, 94, 95, 96}\text{Zr}$, $^{95, 97, 98, 100}\text{Mo}$, ^{99}Tc , $^{101, 102, 104, 106}\text{Ru}$, ^{103}Rh , $^{105, 106, 107, 108, 110}\text{Pd}$, ^{109}Ag , $^{111, 112, 113, 114}\text{Cd}$, ^{115}In , $^{126, 128, 130}\text{Te}$, $^{127, 129}\text{I}$, $^{131, 132, 134, 136}\text{Xe}$, $^{133, 135, 137}\text{Cs}$, ^{138}Ba , ^{139}La , $^{140, 142}\text{Ce}$, ^{141}Pr , $^{143, 144, 145, 146, 148, 150}\text{Nd}$, ^{147}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}Kr , ^{95}Zr , ^{95}Nb , $^{95, 97, 98, 99, 100}\text{Mo}$, $^{101, 102, 103, 104, 105, 106}\text{Ru}$, ^{105}Rh , $^{105, 106, 107, 109}\text{Pd}$, ^{113}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 .

Keynumber: 1971GE05

Reference: Phys.Rev. C3, 1678 (1971)

Authors: W.Gelletly, W.R.Kane, D.R.MacKenzie

Title: Neutron-Capture Gamma Rays from the 14.1-eV Resonance in $\text{Xe}^{131}(n,\gamma)\text{Xe}^{132}$

Keyword abstract: NUCLEAR REACTIONS $^{131}\text{Xe}(n,\gamma)$, $E=\text{thermal, resonance}$; measured $E\gamma$, $I\gamma$, $\gamma\gamma$ -coin; deduced Q. ^{132}Xe deduced levels, J, π, γ -branching.

Keynumber: 1970GEZZ

Reference: Bull.Am.Phys.Soc. 15, No.6, 807, EE15 (1970)

Authors: W.Gelletly, W.R.Kane, D.R.Mackenzie

Title: Gamma Rays from the 14.1 eV Neutron Resonance in Xe^{131}

Keyword abstract: NUCLEAR REACTIONS $^{131}\text{Xe}(n,\gamma)$, $E=14.1$ eV; measured $E\gamma$, $I\gamma$, $\gamma\gamma$ -coin; deduced Q. ^{132}Xe deduced levels.