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**10 reference(s) found :**

**Keynumber:** 2001RE15

**Reference:** Nucl.Phys. A688, 229c (2001)

**Authors:** R.Reifarth, F.Kappeler, F.Voss, K.Wisshak

**Title:** The keV Neutron Capture Cross Sections of  $^{128,129,130}\text{Xe}$

**Keyword abstract:** NUCLEAR REACTIONS  $^{128, 129, 130}\text{Xe}(n,\gamma), E=3-225$  keV; measured  $E\gamma, \sigma$ . Comparison with earlier data.

**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  $^{129, 131, 132, 134, 135, 136}\text{Xe}(n,X), (n,xn), (n,\gamma), E < 20$  MeV; compiled,evaluated  $\sigma$ .

**Keynumber:** [1996SK01](#)

**Reference:** Phys.Rev. C53, R2573 (1996)

**Authors:** V.R.Skoy, E.I.Sharapov, N.A.Gundorin, Yu.P.Popov, Yu.V.Prokofichev, N.R.Roberson, G.E.Mitchell

**Title:** Isotopic Identification of the Parity-Violating Neutron p-Wave Resonance at Energy  $E_0 = 3.2$  eV in Xe

**Keyword abstract:** NUCLEAR REACTIONS  $^{129}\text{Xe}, \text{Xe}(n,\gamma), E=\text{epithermal}$ ; measured neutron tof spectra,  $\gamma$ -spectra.  $^{132}\text{Xe}$  deduced resonance.

**Keynumber:** 1988MA16

**Reference:** Nucl.Phys. A478, 737c (1988)

**Authors:** Y.Masuda, T.Adachi, S.Ishimoto, E.Kikutani, M.Kohgi, H.Koiso, A.Masaie, K.Morimoto

**Title:** Measurement of Longitudinal Asymmetry in Neutron Radiative Capture Reactions

**Keyword abstract:** NUCLEAR REACTIONS  $^{138}\text{La}, ^{98}\text{Mo}, ^{108}\text{Pd}, ^{129}\text{Xe}(\text{polarized } n,\gamma), E \approx \text{resonance}$ ; measured radiative capture helicity dependence, asymmetry parameter.

**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:** 1974GE05

**Reference:** Phys.Rev. C9, 2363 (1974)

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

**Title:** Neutron-Capture Gamma Rays from the 9.47-eV Resonance in  $^{129}\text{Xe}(n,\gamma)^{130}\text{Xe}$

**Keyword abstract:** NUCLEAR REACTIONS  $^{129}\text{Xe}(n,\gamma),E=9.47$  eV; measured  $E\gamma,I\gamma,\gamma\gamma$ -coin; deduced Q.  $^{130}\text{Xe}$  deduced levels,J, $\pi$ .

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**Keynumber:** 1973GEZW

**Reference:** Use Reference 74Ge05

**Keyword abstract:** NUCLEAR REACTIONS  $^{129}\text{Xe}(n,\gamma),E=9.47$  eV; measured  $E\gamma,I\gamma,\gamma\gamma$ -coin; deduced Q.  $^{130}\text{Xe}$  deduced levels,J, $\pi$ .

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**Keynumber:** 1972GEZN

**Coden:** REPT Annual 1972,Schuster Lab,Univ Manchester,P32

**Keyword abstract:** NUCLEAR REACTIONS  $^{129}\text{Xe}(n,\gamma); ^{130}\text{Xe}$  deduced levels.

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**Keynumber:** 1972GEZH

**Reference:** Schuster Lab., Univ.Manchester, Ann.Rep., p.32 (1972)

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

**Title:** The  $^{129}\text{Xe}(n,\gamma)^{130}\text{Xe}$  Reaction

**Keyword abstract:** NUCLEAR REACTIONS  $^{129}\text{Xe}(n,\gamma)$ ; measured  $E\gamma,\gamma\gamma$ -coin.  $^{130}\text{Xe}$  deduced levels.

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**Keynumber:** 1971GR28

**Reference:** Yad.Fiz. 13, 1129 (1971); Sov.J.Nucl.Phys. 13, 647 (1971)

**Authors:** L.V.Groshev, L.I.Govor, A.M.Demidov, A.S.Rakhimov

**Title:**  $\gamma$ -Ray Spectra and Level Schemes of  $\text{Xe}^{130}$  and  $\text{Xe}^{132}$  from  $(n,\gamma)$  Reaction

**Keyword abstract:** NUCLEAR REACTIONS  $\text{Xe}, ^{129}\text{Xe}(n,\gamma),E=\text{thermal}$ ; measured  $E\gamma,I\gamma$ ; deduced Q.  $^{130}, ^{132}\text{Xe}$  deduced levels,J, $\pi,\gamma$ -branching.