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6 reference(s) found :

Keynumber: 1987KO23

Reference: Z.Phys. A327, 129 (1987)

Authors: L.Koester, K.Knopf, W.Waschkowski

Title: Neutron Interactions with Germanium Isotopes and Amorphous and Crystalline GeO₂

Keyword abstract: NUCLEAR REACTIONS Ge, ⁷⁰, ⁷², ⁷³, ⁷⁴, ⁷⁶Ge(n,n), (n,γ), E=slow; measured coherent scattering lengths, absorption σ, free, zero energy scattering σ; deduced isotopic, spin-incoherent σ, s-wave resonance contributions to coherent scattering lengths.

Keynumber: 1981AR22

Reference: Yad.Fiz. 34, 1028 (1981)

Authors: L.Ya.Arifov, B.S.Mazitov, V.G.Ulanov

Title: Relative Probability of Isomer Population in Radiative Capture

Keyword abstract: NUCLEAR REACTIONS ⁴⁵Sc, ⁵⁹Co, ⁶⁸, ⁷⁰Zn, ⁷⁴, ⁷⁶Ge, ⁸⁰, ⁸²Se, ⁸⁴Kr, ⁸⁵Rb, ⁸⁴Sr, ⁸⁹Y, ¹⁰³Rh, ¹⁰⁸, ¹¹⁰Pd, ¹⁰⁹Ag, ¹¹⁴Cd, ¹¹³, ¹¹⁵In, ¹¹², ¹²⁰, ¹²², ¹²⁴Sn, ¹²¹Sb, ¹²⁰, ¹²⁶, ¹²⁸, ¹³⁰Te, ¹³³Cs, ¹³²Ba, ¹³⁶, ¹³⁸Ce, ¹⁵¹Eu, ¹⁶⁴Dy, ¹⁸¹Ta, ¹⁸⁴W, ¹⁸⁷Re, ¹⁹⁰Os, ¹⁹¹Ir, ¹⁹⁶Pt, ¹⁹⁶Hg

(n,γ), E=thermal, 0.2-2.8 MeV; ⁹²Mo(p,γ), E=1.8-7.4 MeV; analyzed σ(capture) isomer ratio vs E. Statistical theory.

Keynumber: 1972RI12

Reference: Can.J.Phys. 50, 1978 (1972)

Authors: M.D.Ricabarra, R.Turjanski, G.H.Ricabarra

Title: Neutron Activation Resonance Integral of ⁷⁴Ge and ⁷⁶Ge and Evaluation of the ⁷⁴Ge keV Neutron Radiative Capture Cross Section and Resonance Integral

Keyword abstract: NUCLEAR REACTIONS ⁷⁴, ⁷⁶Ge(n,γ), E=reactor spectrum; measured activation resonance integrals. ⁷⁴Ge(n,γ), E=keV region; evaluated σ, resonance integral.

Keynumber: 1972GR34

Reference: Izv.Akad.Nauk SSSR, Ser.Fiz. 36, 833 (1972); Bull.Acad.Sci.USSR, Phys.Ser. 36, 753 (1973)

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

Title: Deexcitation of Even-Odd Germanium Nuclei after Thermal-Neutron Capture

Keyword abstract: NUCLEAR REACTIONS ⁷⁰, ⁷², ⁷⁴, ⁷⁶Ge(n,γ), E=th; measured Eγ, Iγ; deduced Q. ⁷¹, ⁷³, ⁷⁵, ⁷⁷Ge deduced levels, J, π.

Keynumber: 1971GRZY

Coden: CONF Moscow(NuclSpectros,Structure) Abstr P49

Keyword abstract: NUCLEAR REACTIONS ⁷⁰, ⁷², ⁷⁴, ⁷⁶Ge(n,γ), E=th; measured Eγ, Iγ; deduced Q. ⁷¹, ⁷³, ⁷⁵, ⁷⁷Ge deduced levels.

Keynumber: 1968CH23

Reference: Nucl.Phys. A117, 545(1968)

Authors: A.K.Chaubey, M.L.Sehgal

Title: Energy Dependence of Spin Fall-Off Parameter

Keyword abstract: NUCLEAR REACTIONS ⁷⁶Ge, ¹⁰⁸Pd, ¹³⁰Te, ¹⁶⁴Dy(n,γ), E=24 keV; measured σ,

isomeric cross-section ratios; deduced spin-cutoff parameter.
