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13 reference(s) found :

Keynumber: 1998PO22

Reference: Bull.Rus.Acad.Sci.Phys. 62, 709 (1998)

Authors: Yu.P.Popov, P.V.Sedyshev, N.A.Gundorin, M.V.Sedysheva, A.P.Kobzev, S.S.Parzhitsky

Title: Analysis of Neutron Spectra in the Energy Range of 2-100 keV using High-Resolution γ Spectrometry

Keyword abstract: NUCLEAR REACTIONS ^{56}Fe , ^{70}Ge , $^{58}\text{Ni}(n,\gamma)$, E=spectrum; measured $E\gamma$, $I\gamma$. Method proposed for neutron spectrometry.

Keynumber: 1996NA26

Reference: Nucl.Instrum.Methods Phys.Res. A368, 832 (1996)

Authors: J.E.Naya, P.Jean, J.Bockholt, P.von Ballmoos, G.Vedrenne, J.Matteson

Title: The Neutron Spectrum Inside the Shielding of Ballon-Borne Ge Spectrometers

Keyword abstract: NUCLEAR REACTIONS Ge , $^{70}\text{Ge}(n,\gamma)$, (n,xn) , $E \leq 20$ MeV; analyzed ^{71m}Ge , other residuals production σ data; deduced ballon-borne Ge detectors background related features.

Keynumber: 1994AL46

Reference: Nucl.Instrum.Methods Phys.Res. B93, 322 (1994)

Authors: A.Alessandrello, C.Brofferio, D.V.Camin, O.Cremonesi, E.Fiorini, A.Giuliani, M.Pavan, G.Pessina, E.Previdali, L.Zanotti

Title: Measurements of Residual Radioactivity in Neutron Transmutation Doped Thermistors

Keyword abstract: NUCLEAR REACTIONS $^{70}\text{Ge}(n,\gamma)$, E=thermal; measured residual activity including contaminants; deduced from long lived nuclei role in neutron transmission doped thermistor performance.

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 GeO_2

Keyword abstract: NUCLEAR REACTIONS Ge , 70 , 72 , 73 , 74 , $^{76}\text{Ge}(n,n)$, (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: 1973SH17

Reference: Int.J.Appl.Radiat.Isotop. 24, 519 (1973)

Authors: G.Shani

Title: Ge(Li) Detector Response to an Am-Be Neutron Source

Keyword abstract: NUCLEAR REACTIONS 70 , $^{73}\text{Ge}(n,\gamma)$, E=0-7.5 MeV; measured $\sigma(E\gamma)$.

Keynumber: 1973MU23

Reference: Yad.Fiz. 18, 479 (1973); Sov.J.Nucl.Phys. 18, 246 (1974)

Authors: A.V.Murzin, V.M.Kolomiets

Title: Nature of Excited States of Zn^{69} , Ge^{71} , Se^{77} , 79 , 81 Nuclei Produced in Capture of Thermal Neutrons

Keyword abstract: NUCLEAR REACTIONS ^{68}Zn , ^{70}Ge , 76 , 78 , $^{80}\text{Se}(n,\gamma)$, E=thermal; measured nothing, analyzed data. ^{69}Zn , ^{71}Ge , 77 , 79 , ^{81}Se deduced levels.

Keynumber: 1973MU22

Reference: Yad.Fiz. 18, 24 (1973); Sov.J.Nucl.Phys. 18, 12 (1974)

Authors: A.V.Murzin

Title: Peculiarities in Thermal Neutron Capture by Even-Even Nuclei in the Region $A = 60-80$

Keyword abstract: NUCLEAR REACTIONS ^{68}Zn , 70 , ^{72}Ge , $^{80}\text{Se}(n,\gamma)$; measured nothing, calculated correlation of n-width, γ -width.

Keynumber: 1973MEYI

Coden: REPT INDC(SEC)-35/L P189

Keyword abstract: NUCLEAR REACTIONS $^{70}\text{Ge}(n,\gamma)$; measured $\gamma\gamma(\theta)$. ^{71}Ge levels deduced J.

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 , $^{76}\text{Ge}(n,\gamma)$, E=th; measured $E\gamma$, $I\gamma$; deduced Q. 71 , 73 , 75 , ^{77}Ge deduced levels, J, π .

Keynumber: 1971KN02

Reference: Yad.Fiz. 13, 521 (1971); Sov.J.Nucl.Phys. 13, 292 (1971)

Authors: V.A.Knatko, E.A.Rudak

Title: Role of Doorway States of the 'Phonon + Particle' Type in the (n,γ) Reaction

Keyword abstract: NUCLEAR REACTIONS ^{56}Fe , ^{62}Ni , 64 , ^{66}Zn , 70 , $^{72}\text{Ge}(n,\gamma)$; calculated particle + doorway state effects. ^{57}Fe , ^{63}Ni , 65 , ^{67}Zn , 71 , ^{73}Ge calculated n-widths, $B(E1)$.

Keynumber: 1971GRZY

Coden: CONF Moscow(NuclSpectros,Structure) Abstr P49

Keyword abstract: NUCLEAR REACTIONS 70 , 72 , 74 , $^{76}\text{Ge}(n,\gamma)$, E=th; measured $E\gamma$, $I\gamma$; deduced Q. 71 , 73 , 75 , ^{77}Ge deduced levels.

Keynumber: 1970BAYJ

Coden: REPT LIB/Trans-491

Keyword abstract: NUCLEAR REACTIONS 70 , 72 , $^{74}\text{Ge}(n,\gamma)$; measured $E\gamma$, $I\gamma$. 71 , 73 , ^{75}Ge deduced levels.

Keynumber: 1969HOZT

Reference: Proc.Intern.Symp.Neutron Capture Gamma-Ray Spectroscopy, Studsvik, Intern.At.En.Agency, Vienna, p.301 (1969)

Authors: C.Hofmeyr, B.C.Winkler, J.A.M.De Villiers, J.G.Malan, J.W.Tepel

Title: The Level Structure of ^{71}Ge

Keyword abstract: NUCLEAR REACTIONS $^{70}\text{Ge}(n,\gamma)$, E < thermal; measured $E\gamma$, $I\gamma$; deduced Q. ^{71}Ga (p,n), (p,n γ), E < 3 MeV; measured $\sigma(E;E\gamma)$, $\gamma\gamma$ -coin. ^{71}Ge deduced levels, J, π .