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**8 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 GeO<sub>2</sub>

**Keyword abstract:** NUCLEAR REACTIONS Ge, <sup>70</sup>, <sup>72</sup>, <sup>73</sup>, <sup>74</sup>, <sup>76</sup>Ge(n,n), (n, $\gamma$ ), E=slow; measured coherent scattering lengths, absorption  $\sigma$ , free, zero energy scattering  $\sigma$ ; deduced isotopic, spin-incoherent  $\sigma$ , s-wave resonance contributions to coherent scattering lengths.

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**Keynumber:** 1985HOZQ

**Reference:** Priv.Comm. (1985)

**Authors:** C.Hofmeyr, C.Franklyn, G.Barreau, H.Borner, R.Brisson, H.Faust, K.Schreckenbach

**Title:** <sup>74</sup>Ge: Transitions and levels excited in thermal-neutron capture

**Keyword abstract:** NUCLEAR REACTIONS <sup>73</sup>Ge(n, $\gamma$ ), E=thermal; measured capture E $\gamma$ , I $\gamma$ , I(ce). <sup>74</sup>Ge deduced levels,  $\gamma$ -branching, possible J,  $\pi$ .

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**Keynumber:** 1974CH18

**Reference:** Phys.Rev. C9, 1839 (1974)

**Authors:** R.E.Chrien, D.I.Garber, J.L.Holm, K.Rimawi

**Title:** Radiative Decay of Neutron Resonances in <sup>73</sup>Ge(n, $\gamma$ )<sup>74</sup>Ge

**Keyword abstract:** NUCLEAR REACTIONS <sup>73</sup>Ge(n, $\gamma$ ), E=100-500 eV; measured  $\sigma$ (E,E $\gamma$ ). <sup>74</sup>Ge deduced levels, J,  $\pi$ , resonance parameters.

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**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 <sup>70</sup>, <sup>73</sup>Ge(n, $\gamma$ ), E=0-7.5 MeV; measured  $\sigma$ (E $\gamma$ ).

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**Keynumber:** 1970HA60

**Reference:** Phys.Scr. 2, 23 (1970)

**Authors:** A.Hasselgren

**Title:** A Study of the Reaction <sup>73</sup>Ge(n, $\gamma$ )<sup>74</sup>Ge

**Keyword abstract:** NUCLEAR REACTIONS <sup>73</sup>Ge(n, $\gamma$ ), E=thermal; measured E $\gamma$ , I $\gamma$ ; deduced Q. <sup>74</sup>Ge deduced levels, J,  $\pi$ ,  $\gamma$ -branching.

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**Keynumber:** 1969MA31

**Reference:** Phys.Rev. 183, 927 (1969)

**Authors:** A.P.Magruder, R.K.Smith

**Title:** Ge<sup>73</sup>(n, $\gamma$ )Ge<sup>74</sup> Gamma-Ray Spectrum and Energy Levels of Ge<sup>74</sup>

**Keyword abstract:** NUCLEAR REACTIONS <sup>73</sup>Ge(n, $\gamma$ ), E = thermal; measured E $\gamma$ , I $\gamma$ . <sup>74</sup>Ge deduced resonance. <sup>74</sup>Ge deduced levels, J,  $\pi$ ,  $\gamma$ -multipolarity. Ge(Li) detector.

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**Keynumber:** 1969KE15

**Reference:** Yadern.Fiz. 10, 907 (1969); Soviet J.Nucl.Phys. 10, 524 (1970)

**Authors:** J.Kecskemeti, D.Kiss

**Title:** Measurement of Average Multiplicity in ( $n,\gamma$ ) Reactions Induced by Thermal Neutrons

**Keyword abstract:** NUCLEAR REACTIONS  $^{23}\text{Na}$ ,  $^{27}\text{Al}$ ,  $^{31}\text{P}$ ,  $^{32}\text{S}$ ,  $^{35}\text{Cl}$ ,  $^{48}\text{Ti}$ ,  $^{51}\text{V}$ ,  $^{53}\text{Cr}$ ,  $^{52}\text{Cr}$ ,  $^{55}\text{Mn}$ ,  $^{56}\text{Fe}$ ,  $^{59}\text{Co}$ ,  $^{60}\text{Ni}$ ,  $\text{Ni-Cu}$ ,  $^{63}\text{Cu}$ ,  $\text{Ge}$ ,  $^{73}\text{Ge}$ ,  $^{75}\text{As}$ ,  $\text{Se}$ ,  $\text{Br}$ ,  $\text{Sr}$ ,  $\text{Zr}$ ,  $^{93}\text{Nb}$ ,  $\text{Mo}$ ,  $^{103}\text{Rh}$ ,  $\text{Ag}(n,\gamma)$  E=thermal; measured average  $\gamma$  multiplicity.

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**Keynumber:** 1967RA24

**Reference:** Proc.Intern.Conf.Atomic Masses, 3rd, Winnipeg, Canada, R.C.Barber, Ed., Univ.Manitoba Press, p.278(1967)

**Authors:** N.C.Rasmussen, V.J.Orphan, Y.Hukai

**Title:** Determination of ( $n,\gamma$ ) Reaction Q Values from Capture  $\gamma$ -Ray Spectra

**Keyword abstract:** NUCLEAR REACTIONS  $^6\text{Li}$ ,  $^7\text{Li}$ ,  $^9\text{Be}$ ,  $^{10}\text{B}$ ,  $^{12}\text{C}$ ,  $^{14}\text{N}$ ,  $^{19}\text{F}$ ,  $^{23}\text{Na}$ ,  $^{24}\text{Mg}$ ,  $^{25}\text{Mg}$ ,  $^{26}\text{Mg}$ ,  $^{27}\text{Al}$ ,  $^{28}\text{Si}$ ,  $^{31}\text{P}$ ,  $^{32}\text{S}$ ,  $^{35}\text{Cl}$ ,  $^{40}\text{Ca}$ ,  $^{45}\text{Sc}$ ,  $^{48}\text{Ti}$ ,  $^{51}\text{V}$ ,  $^{55}\text{Mn}$ ,  $^{54}\text{Fe}$ ,  $^{56}\text{Fe}$ ,  $^{59}\text{Co}$ ,  $^{58}\text{Ni}$ ,  $^{60}\text{Ni}$ ,  $^{63}\text{Cu}$ ,  $^{65}\text{Cu}$ ,  $^{66}\text{Zn}$ ,  $^{67}\text{Zn}$ ,  $^{73}\text{Ge}$ ,  $^{76}\text{Se}$ ,  $^{85}\text{Rb}$ ,  $^{87}\text{Rb}$ ,  $^{89}\text{Y}$ ,  $^{93}\text{Nb}$ ,  $^{103}\text{Rh}$ ,  $^{113}\text{Cd}$ ,  $^{123}\text{Te}$ ,  $^{133}\text{Cs}$ ,  $^{139}\text{La}$ ,  $^{141}\text{Pr}$ ,  $^{149}\text{Sm}$ ,  $^{153}\text{Eu}$ ,  $^{157}\text{Gd}$ ,  $^{159}\text{Tb}$ ,  $^{165}\text{Ho}$ ,  $^{167}\text{Er}$ ,  $^{169}\text{Tm}$ ,  $^{181}\text{Ta}$ ,  $^{182}\text{W}$ ,  $^{195}\text{Pt}$ ,  $^{197}\text{Au}$ ,  $^{199}\text{Hg}$ ,  $^{203}\text{Tl}$ ,  $^{207}\text{Pb}(n,\gamma)$ , E = thermal; measured E $\gamma$ ; deduced Q. Natural targets.

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