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**15 reference(s) found :**

**Keynumber:** 1983COZY

**Reference:** NEANDC(E)-242U, Vol.III, p.21 (1983)

**Authors:** E.Cornelis, C.Bastian, G.Rohr, R.Shelley, T.van der Veen, G.Vanpraet

**Title:** Average Capture Cross Section of the Fission Product Nuclei  $^{104,105,106,108,110}\text{Pd}$

**Keyword abstract:** NUCLEAR REACTIONS  $^{104, 105, 106, 108, 110}\text{Pd}(n,\gamma), E=0.01-600$  keV; measured  $\sigma(\text{capture})$ ; deduced mass dependence.

**Keynumber:** 1982STZQ

**Reference:** NEANDC(E)-232U, Vol.III, p.16 (1982)

**Authors:** P.Staveloz, E.Cornelis, L.Mewissen, F.Poortmans, G.Rohr, R.Shelley, T.van der Veen

**Title:** Resonance Parameters of Pd Isotopes

**Keyword abstract:** NUCLEAR REACTIONS  $^{110, 108, 106, 104}\text{Pd}(n,\gamma), E < 20$  keV; analyzed data.  $^{111, 109, 107, 105}\text{Pd}$  deduced  $\langle \Gamma \gamma \rangle$ -s-wave strength function, level spacing.

**Keynumber:** 1982BAZO

**Reference:** NEANDC(E)-232U, Vol.III, p.18 (1982)

**Authors:** C.Bastian, E.Cornelis, G.Rohr, G.Vanpraet

**Title:** Average Capture Cross Sections of Palladium Isotopes

**Keyword abstract:** NUCLEAR REACTIONS  $^{104, 105, 106, 108, 110}\text{Pd}(n,\gamma), E=0.005-600$  keV; measured  $\sigma(\text{capture})$ .

**Keynumber:** 1981HE03

**Reference:** Nucl.Phys. A357, 1 (1981)

**Authors:** M.Herman, A.Marcinkowski

**Title:** Cross Sections for Fast Neutron Capture on the Se, Pd, Cd, Os and Pt Isotopes

**Keyword abstract:** NUCLEAR REACTIONS  $^{78, 80, 82}\text{Se}, ^{108, 110}\text{Pd}, ^{114, 116}\text{Cd}, ^{190, 192}\text{Os}, ^{196, 198}\text{Pt}$  (n, $\gamma$ ),  $E=0.5-1.3$  MeV; measured  $\sigma(E)$ . Activation technique. Compound nucleus model.

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

(n, $\gamma$ ),  $E=\text{thermal}, 0.2-2.8$  MeV;  $^{92}\text{Mo}(p,\gamma), E=1.8-7.4$  MeV; analyzed  $\sigma(\text{capture})$  isomer ratio vs E. Statistical theory.

**Keynumber:** 1979STZE

**Reference:** Bull.Am.Phys.Soc. 24, No.7, 870, CC3 (1979)

**Authors:** P.Staveloz, E.Cornelis, L.Mewissen, F.Poortmans, G.Rohr, R.Shelley, T.Van der Veen

**Title:** Neutron Resonance Parameters for Pd Isotopes

**Keyword abstract:** NUCLEAR REACTIONS  $^{104, 105, 106, 108, 110}\text{Pd}(n,\gamma), (n,n), E < 15$  keV; measured  $\sigma. ^{105, 106, 107, 109, 111}\text{Pd}$  deduced  $\Gamma_n, \Gamma_\gamma$ , strength functions, level spacings.

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**Keynumber:** 1979MA34

**Reference:** Nucl.Sci.Eng. 71, 182 (1979)

**Authors:** R.L.Macklin, J.Halperin, R.R.Winters

**Title:**  $^{104}, ^{105}, ^{106}, ^{108}, ^{110}\text{Pd}(n,\gamma)$  Cross Sections Above 2.6 keV

**Keyword abstract:** NUCLEAR REACTIONS  $^{104}, ^{105}, ^{106}, ^{108}, ^{110}\text{Pd}(n,\gamma)$ , E=2.6-112 keV; measured  $\sigma(E)$ .  $^{105}, ^{106}, ^{107}, ^{108}, ^{111}\text{Pd}$  deduced resonance parameters, strength functions.

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**Keynumber:** 1977BA87

**Reference:** Probl.Yad.Fiz.Kosm.Luchei 7, 37 (1977)

**Authors:** I.F.Barchuk, G.V.Belykh, V.I.Golyshkin, A.F.Ogorodnik, M.M.Tuchinskij

**Title:**  $\gamma$  Rays from  $^{108}, ^{110}\text{Pd}(n,\gamma)^{109}, ^{111}\text{Pd}$  Reactions Induced by Thermal Neutrons

**Keyword abstract:** NUCLEAR REACTIONS  $^{108}, ^{110}\text{Pd}(n,\gamma)$ , E=thermal; measured  $E\gamma, I\gamma$ .  $^{109}\text{Pd}$  deduced transitions, Sn.  $^{111}\text{Pd}$  deduced transitions. Enriched targets.

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**Keynumber:** 1976BAYK

**Reference:** Program and Theses, Proc.26th Ann.Conf.Nucl.Spectrosc.Struct.At.Nuclei, Baku, p.78 (1976)

**Authors:** I.F.Barchuk, G.V.Belykh, V.I.Golyshkin, A.F.Ogorodnik, M.M.Tuchinsky

**Title:** Gamma-Rays from the Reactions  $^{108}, ^{110}\text{Pd}(n,\gamma)^{109}, ^{111}\text{Pd}$  with Thermal Neutrons

**Keyword abstract:** NUCLEAR REACTIONS  $^{108}, ^{110}\text{Pd}(n,\gamma)$ , E=thermal; measured  $E\gamma, I\gamma$ .  $^{109}, ^{111}\text{Pd}$  deduced transitions. Enriched targets, Ge(Li) detectors.

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**Keynumber:** 1974HAXO

**Coden:** REPT USNDC-11 P11

**Keyword abstract:** NUCLEAR REACTIONS  $^{108}, ^{110}\text{Pd}, ^{146}\text{Nd}, ^{50}\text{Cr}, ^{64}\text{Ni}(n,\gamma)$ , E=not given; measured  $\sigma$ .

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**Keynumber:** 1973LAYG

**Reference:** RCN-191 (1973)

**Authors:** G.Lautenbach

**Title:** Calculated Neutron Absorption Cross Sections of 75 Fission Products

**Keyword abstract:** NUCLEAR REACTIONS  $^{81}\text{Br}, ^{83}, ^{84}, ^{85}, ^{86}\text{Kr}, ^{85}, ^{87}\text{Rb}, ^{88}, ^{90}\text{Sr}, ^{89}\text{Y}, ^{91}, ^{92}, ^{93}, ^{94}, ^{95}, ^{96}\text{Zr}, ^{95}, ^{97}, ^{98}, ^{100}\text{Mo}, ^{99}\text{Tc}, ^{101}, ^{102}, ^{104}, ^{106}\text{Ru}, ^{103}\text{Rh}, ^{105}, ^{106}, ^{107}, ^{108}, ^{110}\text{Pd}, ^{109}\text{Ag}, ^{111}, ^{112}, ^{113}, ^{114}\text{Cd}, ^{115}\text{In}, ^{126}, ^{128}, ^{130}\text{Te}, ^{127}, ^{129}\text{I}, ^{131}, ^{132}, ^{134}, ^{136}\text{Xe}, ^{133}, ^{135}, ^{137}\text{Cs}, ^{138}\text{Ba}, ^{139}\text{La}, ^{140}, ^{142}\text{Ce}, ^{141}\text{Pr}, ^{143}, ^{144}, ^{145}, ^{146}, ^{148}, ^{150}\text{Nd}, ^{147}\text{Pm}, ^{147}, ^{148}, ^{149}, ^{150}, ^{151}, ^{152}, ^{154}\text{Sm}, ^{153}, ^{154}, ^{155}\text{Eu}, ^{155}, ^{156}, ^{157}, ^{158}\text{Gd}, ^{159}\text{Tb}(n,\gamma)$ ; calculated  $\sigma(E)$ .

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**Keynumber:** 1972LA36

**Reference:** Lett.Nuovo Cim. 5, 1025 (1972)

**Authors:** A.Lakshmana Rao, J.Rama Rao

**Title:** Isomer Ratios and the Shifted Fermi Gas Model

**Keyword abstract:** NUCLEAR REACTIONS  $^{108}, ^{110}\text{Pd}, ^{196}\text{Pt}(n,\gamma)$ , E=25 keV; measured isomer  $\sigma$  ratio.

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**Keynumber:** 1970RAZU

**Coden:** CONF Madurai(Nucl,Solid State Phys),Vol2,P19

**Keyword abstract:** NUCLEAR REACTIONS  $^{74}\text{Ge}$ ,  $^{85}\text{Rb}$ ,  $^{110}\text{Pd}$ ,  $^{116}\text{Cd}$ ,  $^{121}\text{Sb}$ ,  $^{124}\text{Sn}$ ,  $^{151}\text{Eu}$ ,  $^{196}\text{Pt}$  (n, $\gamma$ ),E=25 keV; measured  $\sigma$ ,isomeric  $\sigma$  ratios.

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**Keynumber:** 1966NA07

**Reference:** J.Inorg.Nucl.Chem. 28, 1 (1966)

**Authors:** M.N.Namboodiri, M.Rajagopalan, N.Ravindran, K.Rengan, M.V.Ramaniah

**Title:** Isomeric Cross-Section Ratios in the (n, $\gamma$ ) Reactions on  $^{130}\text{Te}$  and  $^{110}\text{Pd}$

**Keyword abstract:** NUCLEAR REACTIONS  $^{130}\text{Te}$ ,  $^{110}\text{Pd}$ (n, $\gamma$ ),E=thermal; measured isomeric  $\sigma$  ratios.

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**Keynumber:** 1966COZZ

**Reference:** Proc.Intern.Conf.Study of Nucl.Struct.with Neutrons, Antwerp, Belgium (1965), M.N.de Mevergnies, P.Van Assche, J.Vervier, Eds., North-Holland Publishing Co., Amsterdam, p.525 (1966); EANDC-50-S, Paper 72

**Authors:** C.Coceva, F.Corvi, P.Giacobbe, M.Stefanon

**Title:** Slow Neutron Resonances in Pd Isotopes

**Keyword abstract:** NUCLEAR REACTIONS Pd,  $^{105}$ ,  $^{106}$ ,  $^{108}$ ,  $^{110}\text{Pd}$ (n, $\gamma$ ),E <100 eV; measured  $\sigma$ (nt).  $^{106}$ ,  $^{107}$ ,  $^{109}$ ,  $^{111}\text{Pd}$  deduced resonances,level-width,resonance parameters,strength functions.