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32 reference(s) found :

Keynumber: 2000OHZZ
Reference: BNL-NCS-67469 (2000)
Authors: S.-Y.Oh, J.Chang, S.Mughabghab
Title: Neutron Cross Section Evaluations of Fission Products Below the Fast Energy Region
Keyword abstract: NUCLEAR REACTIONS ^{95}Mo, ^{99}Tc, ^{101}Ru, ^{103}Rh, ^{105}Pd, ^{109}Ag, ^{131}Xe, ^{133}Cs, ^{141}Pr, ^{143}, ^{145}Nd, ^{147}, ^{149}, ^{150}, ^{151}, ^{152}Sm, ^{153}Eu, ^{155}, ^{157}Gd(n,γ),E <250 keV; compiled,analyzed capture σ,resonance parameters,related features. Comparison with data,previous evaluations.

Keynumber: **1990KO09**
Reference: Phys.Rev. C41, 1941 (1990)
Authors: J.Kopecky, M.Uhl
Title: Test of Gamma-Ray Strength Functions in Nuclear Reaction Model Calculations
Keyword abstract: NUCLEAR REACTIONS ^{197}Au, ^{143}Nd, ^{105}Pd, ^{93}Nb(n,γ),E=low; analyzed capture data. ^{94}Nb, ^{198}Au, ^{144}Nd, ^{106}Pd deduced total s-wave Γγ.

Keynumber: 1988PE17
Reference: Nucl.Instrum.Methods Phys.Res. A271, 617 (1988)
Authors: P.Petkov, W.Andrejtscheff, L.K.Kostov, L.G.Kostova
Title: The Elimination of Prompt Components in Delayed Coincidence Time Distributions
Keyword abstract: NUCLEAR REACTIONS ^{105}Pd(n,γ),E=reactor; ^{110}, ^{112}Cd(^{3}He,3n),E=29 MeV; measured γ-spectra,γγ(t). ^{110}, ^{112}Sn, ^{106}Pd level deduced $T_{1/2}$. Centroid shift analysis.

Keynumber: 1987KO27
Reference: Nucl.Phys. A468, 285 (1987)
Authors: J.Kopecky, R.E.Chrien
Title: Observation of the M1 Giant Resonance by Resonance Averaging in ^{106}Pd
Keyword abstract: NUCLEAR REACTIONS ^{105}Pd(n,γ),E=2,24 keV; measured Eγ,Iγ. ^{106}Pd deduced γ-ray strength functions. Enriched targets.

Keynumber: 1987FO20
Reference: Nucl.Phys. A475, 301 (1987)
Authors: B.Fogelberg, A.M.Bruce, D.D.Warner
Title: Low-Spin States of ^{106}Pd Studied by the ARC Technique
Keyword abstract: NUCLEAR REACTIONS ^{105}Pd(n,γ),E(n)=2,24 keV; measured E(γ),I(γ). ^{106}Pd deduced levels,J,π. Ge(Li) detectors. Enriched target,average resonance spectroscopy.

Keynumber: 1987CO03
Reference: J.Phys.(London) G13, 191 (1987)
Authors: G.G.Colvin, F.Hoyler, S.J.Robinson
Title: E0 Transitions in ^{106}Pd Studied by Neutron Capture
Keyword abstract: NUCLEAR STRUCTURE ^{106}Pd; calculated B(M1),B(E2). Interacting boson approximation model.
Keyword abstract: NUCLEAR REACTIONS ^{105}Pd(n,e), (n,γ),E=thermal; measured I(ce),Eγ,Iγ. ^{106}Pd

deduced levels,E0 transition strengths,dimensionless ratios. Enriched target. Interacting boson approximation model.

Keynumber: 1986KOZL
Reference: Proc.Intern.Nuclear Physics Conference, Harrogate, U.K., p.146 (1986)
Authors: J.Kopecky
Title: Observation of M1 Giant Resonance in ^{106}Pd
Keyword abstract: NUCLEAR REACTIONS ^{105}Pd(n,γ),E=2,24 keV; measured Eγ,Iγ. ^{106}Pd deduced M1 giant resonance,Γ,γ strength function.

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}Pd
Keyword abstract: NUCLEAR REACTIONS ^{104}, ^{105}, ^{106}, ^{108}, ^{110}Pd(n,γ),E=0.01-600 keV; measured σ(capture); deduced mass dependence.

Keynumber: 1982BUZT
Reference: NEANDC(E)-232U, Vol.III, .p.18 (1982)
Authors: R.Buyl, F.Corvi
Title: Thermal Capture Measurements of ^{105}Pd and ^{108}Pd
Keyword abstract: NUCLEAR REACTIONS ^{105}, ^{108}Pd(n,γ),E=thermal; measured total σ(capture).

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}Pd(n,γ),E=0.005-600 keV; measured σ(capture).

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}Pd(n,γ), (n,n),E <15 keV; measured σ. ^{105}, ^{106}, ^{107}, ^{109}, ^{111}Pd deduced Γn,Γγ,strength functions,level spacings.

Keynumber: 1979MA34
Reference: Nucl.Sci.Eng. 71, 182 (1979)
Authors: R.L.Macklin, J.Halperin, R.R.Winters
Title: ^{104}, ^{105}, ^{106}, ^{108}, ^{110}Pd(n,γ) Cross Sections Above 2.6 keV
Keyword abstract: NUCLEAR REACTIONS ^{104}, ^{105}, ^{106}, ^{108}, ^{110}Pd(n,γ), E=2.6-112 keV; measured σ(E). ^{105}, ^{106}, ^{107}, ^{108}, ^{111}Pd deduced resonance parameters, strength functions.

Keynumber: 1977II01
Reference: J.Nucl.Sci.Technol. 14, 161 (1977)
Authors: S.Iijima, T.Nakagawa, Y.Kikuchi, M.Kawai, H.Matsunobu, K.Maki, S.Igarasi
Title: Evaluation of Neutron Cross Section of 27 Fission Product Nuclides Important for Fast Reactor

Keyword abstract: NUCLEAR REACTIONS ^{93}Zr, ^{95}, ^{97}Mo, ^{99}Tc, ^{101}, ^{102}, ^{104}, ^{106}Ru, ^{103}Rh, ^{105}, ^{107}Pd, ^{109}Ag, ^{129}I, ^{131}Xe, ^{133}, ^{135}, ^{137}Cs, ^{143}, ^{144}, ^{145}Nd, ^{144}Ce, ^{147}Pm, ^{147}, ^{149}, ^{151}Sm, ^{153}, ^{155}Eu (n,n), (n,γ), (n,n'), (n,X),E=th-15 MeV; calculated σ.

Keynumber: 1975HOZV
Coden: JOUR BAPSA 20 172 IB14
Keyword abstract: NUCLEAR REACTIONS ^{105}Pd, ^{103}Rh, ^{151}, ^{153}Eu(n,γ),E=20 eV-90 keV; measured σ.

Keynumber: 1974KNZR
Coden: REPT USNDC-11 P220
Keyword abstract: NUCLEAR REACTIONS ^{105}Pd, ^{151}, ^{153}Eu(n,γ); measured σ.

Keynumber: 1974KNZO
Coden: REPT COO-3058-50 P8
Keyword abstract: NUCLEAR REACTIONS ^{105}Pd, ^{151}, ^{153}Eu(n,γ),E=keV; measured σ.

Keynumber: 1974DEXL
Coden: CONF Vienna(Charged-Particle-Induced Rad Capture),Proc P235
Keyword abstract: NUCLEAR REACTIONS ^{209}Bi, ^{42}, ^{43}, ^{48}Ca,Ag,Ta,In,Au, ^{139}La, ^{142}Ce(p,γ), ^{103}Rh, ^{197}Au, ^{105}Pd(n,γ), ^{48}Ca(p,n); analyzed σ in statistical model formalism.

Keynumber: 1974CO02
Reference: Nucl.Phys. A218, 61 (1974)
Authors: C.Coceva, P.Giacobbe, F.Corvi, M.Stefanon
Title: Method of Spin Assignment of Bound Levels Populated by (n,γ) Reactions
Keyword abstract: NUCLEAR REACTIONS ^{105}Pd(n,γ),E=13.2,25.3,55.2,77.7 eV; ^{177}Hf (n,γ),E=1.1,2.4,5.9,6.6 eV; measured Eγ,Iγ at resonances. ^{106}Pd, ^{178}Hf deduced levels,J,π. Natural Pd,enriched ^{177}Hf target.

Keynumber: 1973LAYG
Reference: RCN-191 (1973)
Authors: G.Lautenbach
Title: Calculated Neutron Absorption Cross Sections of 75 Fission Products
Keyword abstract: NUCLEAR REACTIONS ^{81}Br, ^{83}, ^{84}, ^{85}, ^{86}Kr, ^{85}, ^{87}Rb, ^{88}, ^{90}Sr, ^{89}Y, ^{91}, ^{92}, ^{93}, ^{94}, ^{95}, ^{96}Zr, ^{95}, ^{97}, ^{98}, ^{100}Mo, ^{99}Tc, ^{101}, ^{102}, ^{104}, ^{106}Ru, ^{103}Rh, ^{105}, ^{106}, ^{107}, ^{108}, ^{110}Pd, ^{109}Ag, ^{111}, ^{112}, ^{113}, ^{114}Cd, ^{115}In, ^{126}, ^{128}, ^{130}Te, ^{127}, ^{129}I, ^{131}, ^{132}, ^{134}, ^{136}Xe, ^{133}, ^{135}, ^{137}Cs, ^{138}Ba, ^{139}La, ^{140}, ^{142}Ce, ^{141}Pr, ^{143}, ^{144}, ^{145}, ^{146}, ^{148}, ^{150}Nd, ^{147}Pm, ^{147}, ^{148}, ^{149}, ^{150}, ^{151}, ^{152}, ^{154}Sm, ^{153}, ^{154}, ^{155}Eu, ^{155}, ^{156}, ^{157}, ^{158}Gd, ^{159}Tb(n,γ); calculated σ(E).

Keynumber: 1973KNZO
Coden: REPT COO-3058-38 P2
Keyword abstract: NUCLEAR REACTIONS ^{103}Rh, ^{105}Pd, ^{151}, ^{153}Eu(n,γ); measured σ(E).

Keynumber: 1973KNZM
Coden: REPT COO-3058-44,P2
Keyword abstract: NUCLEAR REACTIONS ^{105}Pd, ^{151}, ^{153}Eu(n,γ),E=4-65 keV; measured σ.

Keynumber: 1973KNZL
Coden: REPT COO-3058-39 P17 mf
Keyword abstract: NUCLEAR REACTIONS ^{105}Pd, ^{151}, ^{153}Eu, ^{103}Rh(n,γ),E=20-100 eV; measured σ.

Keynumber: 1972KAZH
Reference: Contrib.Conf.Nucl.Structure Study with Neutrons, Budapest, p.20 (1972)
Authors: E.N.Karzhavina, Kim Sek su, A.B.Popov
Title: The Determination of Spins of Neutron Resonances by the Gamma-Ray Multiplicity Method
Keyword abstract: NUCLEAR REACTIONS ^{105}Pd, ^{147}, ^{149}Sm,Sb, ^{171}Yb(n,γ), measured γγ-coin. ^{106}Pd, ^{148}, ^{150}Sm deduced resonances,J.

Keynumber: 1972COYW
Coden: CONF Budapest,Contributions,P12,10/11/72
Keyword abstract: NUCLEAR REACTIONS ^{105}Pd, ^{177}Hf(n,γ), measured Eγ,Iγ. ^{106}Pd, ^{178}Hf deduced levels,J,π,population ratios.

Keynumber: 1972COYH
Reference: Contrib.Conf.Nuclear Structure Study with Neutrons, Budapest, p.12 (1972)
Authors: C.Coceva, F.Corvi, P.Giacobbe, M.Stefanon
Title: Method of Spin Assignment of Bound Levels Populated by (n,γ) Reactions
Keyword abstract: NUCLEAR REACTIONS ^{105}Pd(n,γ),E=13.6-55.2 eV; ^{177}Hf(n,γ),E=1.1-6.6 eV; measured Eγ. ^{106}Pd, ^{178}Hf levels deduced J,π.

Keynumber: 1971SCYJ
Coden: REPT HEDL-TME-71-143,R Schenter,11/20/72
Keyword abstract: NUCLEAR REACTIONS ^{83}Kr, ^{95}Zr, ^{95}Nb, ^{95}, ^{97}, ^{98}, ^{99}, ^{100}Mo, ^{101}, ^{102}, ^{103}, ^{104}, ^{105}, ^{106}Ru, ^{105}Rh, ^{105}, ^{106}, ^{107}, ^{109}Pd, ^{113}Cd, ^{131}, ^{135}I, ^{131}, ^{133}Xe, ^{135}, ^{137}Cs, ^{139}La(n,X), (n,γ), (n,n), (n,n'),E <10 MeV; analyzed σ(E); evaluated capture σ.

Keynumber: 1971CO19
Reference: Nucl.Phys. A170, 153 (1971)
Authors: C.Coceva, F.Corvi, P.Giacobbe, M.Stefanon
Title: High-Energy Dipole Radiation from Resonance Neutron Capture in ^{105}Pd
Keyword abstract: NUCLEAR REACTIONS ^{105}Pd(n,γ),E=11-355 eV; measured Eγ,Iγ at resonances. ^{106}Pd deduced average, distribution of M1 reduced partial widths,average E1 reduced partial widths,J of levels. Natural target,Ge(Li) detector.

Keynumber: 1970WE04
Reference: Phys.Rev. C1, 1501 (1970)
Authors: K.J.Wetzel, G.E.Thomas
Title: Method for Determining Spins of Neutron Resonances
Keyword abstract: NUCLEAR REACTIONS ^{95}Mo, ^{105}Pd, ^{135}Ba, ^{167}Er, ^{177}Hf, ^{183}W(n,γ), E=resonance; measured σ(Eγ). ^{96}Mo, ^{106}Pd, ^{136}Ba, ^{168}Er, ^{178}Hf, ^{184}W deduced resonances, J.

Keynumber: 1970BO29
Reference: Phys.Rev. C2, 1951 (1970)
Authors: L.M.Bollinger, G.E.Thomas

Title: Average-Resonance Method of Neutron-Capture γ-Ray Spectroscopy: States of ^{106}Pd, ^{156}Gd, ^{158}Gd, ^{166}Ho, and ^{168}Er

Keyword abstract: NUCLEAR REACTIONS ^{102}, ^{104}, ^{105}Pd, ^{154}, ^{155}, ^{156}, ^{157}Gd, ^{164}, ^{166}, ^{167}, ^{168}Er, ^{165}Ho(n,γ),E=thermal,epithermal; measured Eγ,Iγ; deduced Q. ^{103}, ^{105}Pd, ^{155}, ^{157}Gd, ^{165}, ^{167}, ^{169}Er deduced levels. ^{106}Pd, ^{156}, ^{158}Gd, ^{166}Ho, ^{168}Er deduced levels,J,π.

Keynumber: 1969THZZ
Reference: Bull.Am.Phys.Soc. 14, No.4, 515, BH12 (1969)
Authors: G.E.Thomas, L.M.Bollinger

Title: States of Pd^{106} from Average Resonance Capture in $Pd^{105}(n,\gamma)Pd^{106}$

Keyword abstract: NUCLEAR REACTIONS ^{105}Pd(n,γ), E= resonance; measured Eγ, Iγ; deduced Q. ^{106}Pd deduced levels, J, π, level-width.

Keynumber: 1968CO23
Reference: Nucl.Phys. A117, 586 (1968)
Authors: C.Coceva, F.Corvi, P.Giacobbe, G.Carraro

Title: A Method of Spin Assignment of Neutron Resonances Based on Capture Gamma-Ray Detection

Keyword abstract: NUCLEAR REACTIONS ^{105}Pd(n,γ), E=52-810 eV; ^{99}, ^{101}Ru(n,γ), E=24-560 eV; ^{95}, ^{97}Mo(n,γ), E=45-1300 eV; ^{177}Hf(n,γ), E=1-210 eV; measured σ(E;Eγ). ^{106}Pd, ^{100}, ^{102}Ru, ^{96}, ^{98}Mo, ^{178}Hf deduced resonances, J. Natural targets.

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}Pd(n,γ),E <100 eV; measured σ(nt). ^{106}, ^{107}, ^{109}, ^{111}Pd deduced resonances,level-width,resonance parameters,strength functions.
