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25 reference(s) found :

Keynumber: 2001ZHZY
Reference: INDC(CPR)-055 (2001)
Authors: C.Zhou
Title: Thermal-Neutron Capture Data Update and Revision for Some Nuclides with A >190
Keyword abstract: COMPILATION ^{193}Ir, ^{194}, ^{195}Pt(n,γ),E=thermal; compiled,evaluated prompt γ-ray data.
Keyword abstract: NUCLEAR REACTIONS ^{193}Ir, ^{194}, ^{195}Pt(n,γ),E=thermal; compiled,evaluated prompt γ-ray data.

Keynumber: 1998BA85
Reference: Nucl.Phys. A641, 133 (1998)
Authors: M.Balodis, P.Prokofjevs, N.Kramere, L.Simonova, J.Berzins, T.Krasta, J.Kern, A.Raemy, J.C.Dousse, W.Schwitz, J.A.Cizewski, G.G.Colvin, H.G.Borner, P.Geltenbort, F.Hoyler, S.A.Kerr, K.Schreckenbach, R.Georgii, T.von Egidy, J.Klora, H.Lindner, U.Mayerhofer, A.Walter, A.V.Murzin, V.A.Libman, I.A.Kondurov, Yu.E.Loginov, P.A.Sushkov, S.Brant, V.Paar, V.Lopac
Title: Level Scheme of ^{194}Ir
Keyword abstract: NUCLEAR REACTIONS ^{193}Ir(n,γ),E=thermal; measured Eγ,Iγ,E(ce),I(ce),γγ-coin. ^{193}Ir(n,γ),E=2,24 keV; measured Eγ,Iγ. ^{193}Ir(d,p),E=22 MeV; measured Ep,σ(θ). ^{194}Ir deduced levels,J,π,icc,multipolarities,Nilsson configurations. Magnetic electron spectrometers,curved crystal spectrometers,Ge,Si(Li) detectors,Q3D spectrograph,enriched targets.

Keynumber: 1998BA42
Reference: Fizika(Zagreb) B7, 15 (1998)
Authors: M.Balodis, P.Prokofjevs, N.Kramere, L.Simonova, J.Berzins, T.Krasta, R.Georgii, T.von Egidy, J.Klora, H.Lindner, U.Mayerhofer, A.Walter, J.A.Cizewski, G.G.Colvin, H.G.Borner, P.Geltenbort, F.Hoyler, S.A.Kerr, K.Schreckenbach, A.Raemy, J.C.Dousse, J.Kern, W.Schwitz, I.A.Kondurov, Yu.E.Loginov, P.A.Sushkov, S.Brant, V.Paar, V.Lopac
Title: Study of ^{194}Ir Via Thermal Neutron Capture and (d,p) Reactions
Keyword abstract: NUCLEAR REACTIONS ^{193}Ir(n,γ),E=thermal; measured Eγ,Iγ,E(ce),I(ce),prompt and delayed γγ-coin. ^{193}Ir(d,p),E=22 MeV; measured σ(Ep,θ). ^{194}Ir deduced levels,J,π,multipolarity. Diffraction spectrometer,magnetic spectrometer.

Keynumber: 1997JA09
Reference: Nucl.Phys. A621, 251c (1997)
Authors: S.Jaag
Title: The Stellar (n,γ) Cross Sections of the Stable Iridium Isotopes
Keyword abstract: NUCLEAR REACTIONS ^{191}, ^{193}Ir(n,γ),E ≈ 30 keV; measured Eγ,Iγ; deduced capture σ. Quasi-stellar neutron spectrum.

Keynumber: 1994KOZQ
Reference: Proc.8th Int.Symposium on Capture Gamma-Ray Spectroscopy and Related Topic, Fribourg, Switzerland, 20-24 September 1993, J.Kern, Ed., World Scientific, Singapore, p.398 (1994)
Authors: I.A.Kondurov, Yu.E.Loginov, E.I.Malutenkov, P.A.Sushkov
Title: Prompt and Delayed γγ-Coincidences in the ^{193}Ir(n,γ)^{194}Ir Reaction

Keyword abstract: NUCLEAR REACTIONS ^{193}Ir(n,γ),E not given; measured γγ-coin,γγ(t). ^{194}Ir deduced levels,J,π,γ-branching.

Keynumber: 1993KOZT
Reference: Program and Thesis, Proc.43rd Ann.Conf.Nucl.Spectrosc.Struct.At.Nuclei, Dubna, p.110 (1993)
Authors: I.A.Kondurov, Yu.E.Loginov, P.A.Sushkov
Title: Millisecond Delayed γγ-Coincidences in ^{193}Ir(n,γ)^{194}Ir Reaction
Keyword abstract: NUCLEAR REACTIONS ^{193}Ir(n,γ),E=thermal; measured γγ(t). ^{194}Ir deduced levels. NaI(Tl),hyperpure Ge detectors.

Keynumber: 1993KO59
Reference: Bull.Rus.Acad.Sci.Phys. 57, 1766 (1993)
Authors: I.A.Kondurov, Yu.E.Loginov, E.A.Malyutenkov, P.A.Sushkov
Title: Instantaneous and Delayed γγ-Coincidences in the Reaction ^{193}Ir(nγ)^{194}Ir
Keyword abstract: NUCLEAR REACTIONS ^{193}Ir(n,γ),E=reactor; measured γγ-coin,γγ(t),γ(X-ray)(t). ^{194}Ir deduced levels,decay to isomer.

Keynumber: 1990BEZE
Reference: Program and Thesis, Proc.40th Ann.Conf.Nucl.Spectrosc.Struct.At.Nuclei, Leningrad, p.125 (1990)
Authors: Ya.Ya.Berzin, G.Colvin, Zh.G.Berner, F.Khoiler, S.Dzhadzh, S.A.Kerr, B.Krusche, K.Schreckenbach, N.D.Kramer, T.V.Guseva
Title: Multipolarities of Some Low-Energy Transitions in ^{194}Ir
Keyword abstract: NUCLEAR REACTIONS ^{193}Ir(n,γ),E=thermal; measured Eγ,I(ce). ^{194}Ir transitions deduced ICC ratios,γ-multipolarity,δ. Magnetic β-spectrometer.

Keynumber: 1989KOZW
Reference: Program and Thesis, Proc.39th Ann.Conf.Nucl.Spectrosc.Struct.At.Nuclei, Tashkent, p.122 (1989)
Authors: I.A.Kondurov, Yu.E.Loginov, P.A.Sushkov
Title: Investigation of Low-Energy γ-Quanta from ^{191}Ir(n,γ) and ^{193}Ir(n,γ) Reactions
Keyword abstract: NUCLEAR REACTIONS ^{191}, ^{193}Ir(n,γ),E=thermal; measured Eγ,Iγ. ^{192}, ^{194}Ir deduced transitions. Enriched targets,Si(Li) detector.

Keynumber: 1988BA49
Reference: Izv.Akad.Nauk SSSR, Ser.Fiz. 52, 37 (1988); Bull.Acad.Sci.USSR, Phys.Ser. 52, No.1, 35 (1988)
Authors: M.K.Balodis, T.V.Guseva, J.Kern
Title: Excited-State Structures of ^{192}Ir and ^{194}Ir
Keyword abstract: NUCLEAR REACTIONS ^{191}, ^{193}Ir(n,γ),E=thermal; measured I(ce),Eγ,Iγ. ^{192}, ^{194}Ir deduced levels,J,π.

Keynumber: 1987COZW
Reference: Pric.Comm. (1987)
Authors: G.G.Colvin, J.A.Cizewski, H.G.Borner, P.Geltenbort, F.Hoyler, S.A.Kerr, K.Schreckenbach
Title: Gamma Rays Observed in the Reaction ^{193}Ir(nγ)^{194}Ir
Keyword abstract: NUCLEAR REACTIONS ^{193}Ir(n,γ),E not given; measured Eγ,Iγ,I(ce). ^{194}Ir

deduced transitions. ^{195}Ir deduced transitions,γ-multiplicity. High resolution electron spectrometer,double neutron capture.

Keynumber: 1987BAYX
Reference: Program and Theses, Proc.37th Ann.Conf.Nucl.Spectrosc.Struct.At.Nuclei, Yurmala, p.143 (1987)
Authors: M.K.Balodis, T.V.Guseva, Zh.Kern
Title: Structure of Excited States of ^{192}Ir and ^{194}Ir
Keyword abstract: NUCLEAR REACTIONS ^{191}, ^{193}Ir(n,γ),E=thermal; measured not abstracted. ^{192}, ^{194}Ir deduced levels,J,π.

Keynumber: 1985ZH14
Reference: Chin.J.Nucl.Phys. 7, 93 (1985)
Authors: Zhu Shengyun, Lu Hanlin
Title: Neutron Radiative Capture Cross Section of ^{193}Ir at 565 keV
Keyword abstract: NUCLEAR REACTIONS ^{191}, ^{193}Ir(n,γ),E=565 keV; measured radiative capture σ. Activation technique.

Keynumber: 1985HE05
Reference: Acta Phys.Pol. B16, 87 (1985)
Authors: M.Herman, A.Marcinkowski, G.Reffo
Title: Fast Neutron Capture on Ir Isotopes
Keyword abstract: NUCLEAR REACTIONS ^{191}, ^{193}Ir(n,γ),E=0.5-1 MeV; measured capture σ(E); deduced reaction mechanism,level density parameter systematics.

Keynumber: 1983MUZU
Reference: Program and Theses, 33rd Ann.Conf.Nucl.Spectrosc.Struct.At.Nuclei, Moscow, p.148 (1983)
Authors: A.V.Murzin, V.A.Libman, I.V.Kononenko
Title: Low Excited States in ^{192}Ir, ^{194}Ir Observed by Fast Neutrons with Average Energy of 2 and 24 keV
Keyword abstract: NUCLEAR REACTIONS ^{191}, ^{193}Ir(n,γ),E=2 keV; measured Eγ,Iγ. ^{192}, ^{194}Ir levels deduced J,π.

Keynumber: 1980SIZS
Reference: Program and Theses,Proc.30th Ann.Conf.Nucl.Spectrosc.Struct.At.Nuclei, Leningrad, p.143 (1980)
Authors: L.I.Simonova, N.D.Kramer, P.T.Prokofev
Title: Multipolarity of Certain Transitions in ^{194}Ir
Keyword abstract: NUCLEAR REACTIONS ^{193}Ir(n,γ),E=thermal; measured Eγ,Iγ,I(ce). ^{194}Ir transitions deduced γ-multipolarity,δ.

Keynumber: 1978ARZH
Reference: CEA-N-2037, p.101 (1978)
Authors: E.D.Arthur, O.Bersillon
Title: Evaluation de la Section Efficace de Capture de ^{191}Ir, ^{193}Ir et Ir Nat. dans la Gamme d'Energie 0.250 keV - 20 MeV
Keyword abstract: NUCLEAR REACTIONS ^{191}, ^{193}Ir(n,γ),E=0.25 keV-20 MeV; evaluated σ.

Statistical,direct-semidirect models.

Keynumber: 1976RA25
Reference: Helv.Phys.Acta 49, 645 (1976)
Authors: A.Raemy, W.Beer, J.-C.Dousse, R.Eichler, J.Kern, T.von Ledebur, W.Schwitz
Title: Dispositif pour la Mesure de Reactions (n,γ) a l'Aide d'un Spectrometre a Cristal Incurve
Keyword abstract: NUCLEAR REACTIONS ^{191}, ^{193}Ir(n,γ); measured Eγ. ^{192}, ^{194}Ir deduced transitions.

Keynumber: 1973SCXT
Coden: REPT HEDL-TME-73-79,F Schmittroth
Keyword abstract: NUCLEAR REACTIONS ^{63}, ^{65}Cu, ^{75}As, ^{79}Br, ^{107}Ag, ^{115}In, ^{71}Ga, ^{103}Rh, ^{127}I, ^{165}Ho, ^{193}Ir, ^{197}Au(n,γ); calculated σ(E).

Keynumber: 1973LAYT
Reference: INDC(HUN)-11/L, p.26 (1973)
Authors: L.Lakosi, A.Veres
Title: Activation Experiments of Photo-Neutrons by using ^{24}Na-Be Source
Keyword abstract: NUCLEAR REACTIONS ^{55}Mn, ^{114}, ^{116}Cd, ^{115}In, ^{127}I, ^{152}, ^{154}Sm, ^{166}, ^{170}Er, ^{175}Lu, ^{191}, ^{193}Ir(n,γ), ^{107}, ^{109}Ag, ^{111}Cd, ^{115}In, ^{167}Er, ^{176}Lu(n,n'γ); measured σ.

Keynumber: 1973LAXW
Reference: RCN-203, p.269 (1973)
Authors: L.Lason, H.Malecki, L.B.Pikelner, I.M.Salamatin, E.I.Sharapov
Title: Neutron Resonances of Iridium Isotopes
Keyword abstract: NUCLEAR REACTIONS ^{191}, ^{193}Ir(n,γ); measured σ. ^{194}, ^{192}Ir deduced resonances,g n-width.

Keynumber: 1972GAZG
Coden: JOUR HPACA 45 925
Keyword abstract: NUCLEAR REACTIONS ^{191}, ^{193}Ir, ^{232}Th, ^{237}Np, ^{241}Am(n,γ); ^{192}, ^{194}Ir, ^{233}Th, ^{238}Np, ^{242}Am measured Eγ.

Keynumber: 1971NAZW
Reference: Proc.3rd Intern.Conf.Neutron Cross Sections and Technology, Knoxville, Vol.1, p.259 (1971)
Authors: R.J.Nagle, J.H.Landrum, M.Lindner
Title: Neutron Capture Cross Sections in the MeV Range
Keyword abstract: NUCLEAR REACTIONS ^{114}Cd, ^{181}Ta, ^{186}W, ^{185}, ^{187}Re, ^{191}, ^{193}Ir, ^{197}Au, ^{232}Th, ^{237}Np, ^{238}U(n,γ),E=0.1-3 MeV; measured σ(E).

Keynumber: 1971KR09
Reference: Nucl.Phys. A169, 363 (1971)
Authors: H.Kruger, H.Hanle, M.Koriath, K.Stelzer
Title: Neutron Capture γ-Rays from ^{192}Ir and ^{194}Ir
Keyword abstract: NUCLEAR REACTIONS ^{191}, ^{193}Ir(n,γ),E=thermal,epithermal; measured Eγ,Iγ,γγ-coin; deduced Q. ^{192}, ^{194}Ir deduced levels,γ-branching. Enriched targets;Ge(Li) detectors,Ge(Li)-NaI (Tl) pair spectrometer.

Keynumber: 1968HE11
Reference: Nucl.Phys. A115, 213 (1968)
Authors: C.Heiser, H.F.Brinckmann, W.D.Fromm
Title: Zum Zerfall des 32 ms Isomers ^{194m}Ir
Keyword abstract: NUCLEAR REACTIONS ^{193}Ir(n,γ), E = thermal; measured Eγ, Iγ, σ. ^{194}Ir deduced levels. Enriched target, Ge(Li) detector.
