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### 38 reference(s) found :

**Keynumber:** 2000BO49

**Reference:** Bull.Rus.Acad.Sci.Phys. 64, 466 (2000)

**Authors:** S.T.Boneva, E.V.Vasilieva, A.M.Sukhovoi, V.A.Khitrov

**Title:** Two-Quantum  $\gamma$ -Cascades After Thermal Neutron Capture in the  $^{187}\text{Os}$  Nucleus

**Keyword abstract:** NUCLEAR REACTIONS  $^{187}\text{Os}(n,\gamma),E=\text{thermal}$ ; measured  $E\gamma, I\gamma, \gamma\gamma$ -coin.  $^{188}\text{Os}$  deduced levels, transition intensity distributions, level density features.

**Keynumber:** 1999SU03

**Reference:** Yad.Fiz. 62, No 1, 24 (1999); Phys.Atomic Nuclei 62, 19 (1999)

**Authors:** A.M.Sukhovoi, V.A.Khitrov

**Title:** Experimental Estimate of the Density of Levels in a Heavy Nucleus That Are Excited in  $(n,\gamma)$  Reactions at Excitation Energies of 3 to 4 MeV

**Keyword abstract:** NUCLEAR REACTIONS  $^{113}\text{Cd}, ^{123}\text{Te}, ^{145}\text{Nd}, ^{149}\text{Sm}, ^{155}, ^{157}\text{Gd}, ^{162}, ^{163}, ^{164}\text{Dy}, ^{167}\text{Er}, ^{173}, ^{174}\text{Yb}, ^{177}, ^{178}, ^{180}\text{Hf}, ^{187}, ^{189}\text{Os}, ^{195}\text{Pt}, ^{199}\text{Hg}, ^{127}\text{I}, ^{159}\text{Tb}, ^{165}\text{Ho}, ^{169}\text{Tm}, ^{175}\text{Lu}, ^{181}\text{Ta}, ^{191}\text{Ir}, ^{197}\text{Au}, ^{124}\text{Te}, ^{182}, ^{185}\text{W}(n,\gamma),E=\text{thermal}$ ; analyzed  $I\gamma$ ; deduced non-exponential level densities.

**Keynumber:** 1999BO14

**Reference:** Yad.Fiz. 62, No 5, 892 (1999); Phys.Atomic Nuclei 62, 832 (1999)

**Authors:** S.T.Boneva, E.V.Vasilieva, L.I.Simonova, V.A.Bondarenko, A.M.Sukhovoi, V.A.Khitrov

**Title:**  $(n,\gamma)$  Reactions in Heavy Nuclei: Manifestations of nuclear structure at excitation energies up to the neutron binding energy

**Keyword abstract:** NUCLEAR REACTIONS  $^{113}\text{Cd}, ^{123}, ^{124}\text{Te}, ^{127}\text{I}, ^{134}, ^{136}, ^{137}, ^{138}\text{Ba}, ^{139}\text{La}, ^{142}, ^{143}, ^{145}\text{Nd}, ^{149}\text{Sm}, ^{155}, ^{157}\text{Gd}, ^{159}\text{Tb}, ^{162}, ^{163}, ^{164}\text{Dy}, ^{165}\text{Ho}, ^{167}\text{Er}, ^{169}\text{Tm}, ^{173}, ^{174}, ^{176}\text{Yb}, ^{175}, ^{176}\text{Lu}, ^{177}, ^{178}, ^{179}, ^{180}\text{Hf}, ^{181}\text{Ta}, ^{182}, ^{186}\text{W}, ^{187}, ^{189}\text{Os}, ^{191}\text{Ir}, ^{195}\text{Pt}, ^{197}\text{Au}, ^{199}\text{Hg}(n,\gamma),E \text{ not given}$ ; analyzed two-photon  $\gamma$  cascade data; deduced structure effects.

**Keynumber:** 1997MUZZ

**Reference:** Proc.9th Intern.Symposium on Capture Gamma-Ray Spectroscopy and Related Topics, Budapest, Hungary, October 1996, G.L.Molnar, T.Belgya, Zs.Revay, Eds., Vol.1, p.392 (1997)

**Authors:** A.V.Murzin, A.M.Shkarupa, Ye.P.Kadkin, I.Ye.Kravchenko

**Title:** Radiative and Neutron Strength Functions Investigations in ARC Measurements

**Keyword abstract:** NUCLEAR REACTIONS  $^{79}\text{Br}, ^{155}\text{Gd}, ^{187}\text{Os}(n,\gamma),E=2-132 \text{ keV}$ ; analyzed data.  $^{80}\text{Br}, ^{156}\text{Gd}, ^{188}\text{Os}$  deduced  $E1$  radiative strength functions energy dependence. Average resonance capture technique.

**Keynumber:** 1993LI29

**Reference:** Yad.Fiz. 56, No 9, 20 (1993); Phys.Atomic Nuclei 56, 1161 (1993)

**Authors:** L.L.Litvinsky

**Title:** Cross Sections for Radiative Capture of Neutrons by  $^{186}, ^{187}\text{Os}$  Under Stellar Conditions

**Keyword abstract:** NUCLEAR REACTIONS  $^{186}, ^{187}\text{Os}(n,\gamma),E=1-50 \text{ keV}$ ; measured capture  $\sigma(E)$ ; deduced  $\langle s(\gamma) \rangle_{\text{at}} \langle T \rangle = 30 \text{ keV}$ .

**Keynumber:** 1990MUZX

**Reference:** Program and Thesis, Proc.40th Ann.Conf.Nucl.Spectrosc.Struct.At.Nuclei, Leningrad, p.86

(1990)

**Authors:** A.V.Murzin, I.V.Kononenko, A.M.Shkarupa

**Title:** Primary  $\gamma$ -Transitions following Capture of 2 and 24 keV Neutrons by  $^{187}\text{Os}$ ,  $^{145}\text{Nd}$  Nuclei

**Keyword abstract:** NUCLEAR REACTIONS  $^{187}\text{Os}$ ,  $^{145}\text{Nd}(n,\gamma)$ ,  $E=2,24$  keV; measured  $E\gamma, I\gamma$ .  $^{188}\text{Os}$ ,  $^{146}\text{Nd}$  deduced levels.

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**Keynumber:** 1983FE06

**Reference:** Z.Phys. A314, 159 (1983)

**Authors:** P.Fettweis, J.C.Dehaes

**Title:** Levels of  $^{188}\text{Os}$  Populated by Thermal Neutron Capture

**Keyword abstract:** NUCLEAR REACTIONS  $^{187}\text{Os}(n,\gamma)$ ,  $E=\text{thermal}$ ; measured direct, capture  $E\gamma, I\gamma, \gamma\gamma$ -coin.  $^{188}\text{Os}$  deduced neutron binding energy, levels,  $J, \pi, B(E2)$  ratios. Interacting boson model.

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**Keynumber:** 1983CAZQ

**Reference:** Bull.Am.Phys.Soc. 28, No.7, 997, ED2 (1983)

**Authors:** Z.Cao, R.L.Hershberger, M.T.McEllistrem

**Title:** Neutron Capture in  $^{187}$ ,  $^{189}\text{Os}$ , Neutron Scattering, and the Re/Os Galactic Age

**Keyword abstract:** NUCLEAR REACTIONS  $^{187}$ ,  $^{189}\text{Os}(n,\gamma)$ ,  $(n,n)$ ,  $(n,n')$ ,  $E$  not given; analyzed data; deduced capture level role, galactic age implications. Coupled-channels calculations.

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**Keynumber:** 1982WI01

**Reference:** Phys.Rev. C25, 208 (1982)

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

**Title:** Average  $^{186}$ ,  $^{187}$ ,  $^{188}\text{Os}(n,\gamma)$  Cross Sections and the Age of the Galaxy via  $^{187}\text{Re}$  Decay to  $^{187}\text{Os}$

**Keyword abstract:** NUCLEAR REACTIONS  $^{186}$ ,  $^{187}$ ,  $^{188}\text{Os}(n,\gamma)$ ,  $E=2.5-450$  keV;  $^{187}\text{Os}(n,n')$ ,  $E=30$  keV; analyzed data; deduced r-process nucleosynthesis duration, galaxy, universe ages.

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**Keynumber:** 1982KA28

**Reference:** Phys.Lett. 117B, 15 (1982)

**Authors:** W.R.Kane, R.F.Casten, D.D.Warner, K.Schreckenbach, H.R.Faust, S.Blakeway

**Title:** Strengths of E0 Transitions in  $^{188}\text{Os}$  and  $^{196}\text{Pt}$  and the Structure of IBA Wavefunctions in the Os-Pt Transition Region

**Keyword abstract:** NUCLEAR REACTIONS  $^{187}\text{Os}$ ,  $^{195}\text{Pt}(n,\gamma)$ ,  $E=\text{thermal}$ ; measured  $I(\text{ce}), E\gamma, I\gamma$ .  $^{188}\text{Os}$ ,  $^{196}\text{Pt}$  deduced levels,  $B(E0)/B(E2)$ , E0 transition strength. Interacting boson model, O(6) limit.

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**Keynumber:** 1981WIZO

**Reference:** Bull.Am.Phys.Soc. 26, No.6, 803, CA9 (1981)

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

**Title:** Revision of the Estimate of the Duration of Galactic Nucleosynthesis from  $^{186,187}\text{Os}(n,\gamma)$

**Keyword abstract:** NUCLEAR REACTIONS  $^{186}$ ,  $^{187}\text{Os}(n,\gamma)$ ,  $E=30$  keV; analyzed  $\sigma(\text{capture})$  data; deduced galactic nucleosynthesis duration.

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**Keynumber:** 1981KAZR

**Reference:** Bull.Am.Phys.Soc. 26, No.8, 1117, AD8 (1981)

**Authors:** W.R.Kane, R.F.Casten, D.D.Warner, K.Schreckenbach, H.Faust, S.Blakeway

**Title:** E0 Transitions in  $^{188}\text{Os}$  and  $^{196}\text{Pt}$ : Structure of IBA model wave functions

**Keyword abstract:** NUCLEAR REACTIONS  $^{187}\text{Os}$ ,  $^{195}\text{Pt}(n,e)$ ,  $(n,\gamma)$ ,  $E=\text{thermal}$ ; measured  $\sigma(E$

(e), $E\gamma,I\gamma$ ).  $^{188}\text{Os}$ ,  $^{196}\text{Pt}$  deduced  $0^+$  states, $E0$  transitions. Interacting boson model.

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**Keynumber:** 1981BR06

**Reference:** Phys.Rev. C23, 1434 (1981)

**Authors:** J.C.Browne, B.L.Berman

**Title:** Neutron-Capture Cross Sections for Osmium Isotopes and the Age of the Universe

**Keyword abstract:** NUCLEAR REACTIONS  $^{186}$ ,  $^{187}$ ,  $^{188}$ ,  $^{189}$ ,  $^{190}$ ,  $^{192}\text{Os}(n,\gamma)$ , $E=2$  eV-150 keV; measured  $\sigma$ ; deduced nucleosynthesis duration,age of universe,Maxwellian average  $\sigma$ .  $^{187}$ ,  $^{188}$ ,  $^{189}$ ,  $^{190}$ ,  $^{191}$ ,  $^{193}\text{Os}$  deduced average level spacing.

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**Keynumber:** 1980WI03

**Reference:** Phys.Rev. C21, 563 (1980)

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

**Title:**  $^{186}$ ,  $^{187}$ ,  $^{188}\text{Os}(n,\gamma)$  Cross Sections and Galactic Nucleosynthesis

**Keyword abstract:** NUCLEAR REACTIONS  $^{186}$ ,  $^{187}$ ,  $^{188}\text{Os}(n,\gamma)$ , $E=2.6$ -800 keV; measured  $\sigma(E)$ ; deduced galactic nucleosynthesis duration.  $^{187}$ ,  $^{188}$ ,  $^{189}\text{Os}$  deduced p-wave, $\gamma$  strength functions.

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**Keynumber:** 1980BA61

**Reference:** Izv.Akad.Nauk SSSR, Ser.Fiz. 44, 1088 (1980); Bull.Acad.Sci.USSR, Phys.Ser. 44, No.5, 166 (1980)

**Authors:** I.F.Barchuk, G.V.Belykh, V.I.Golyshkin, E.N.Gorban, A.F.Ogorodnik

**Title:** Level Spectrum of  $^{188}\text{Os}$

**Keyword abstract:** NUCLEAR REACTIONS  $^{187}\text{Os}(n,\gamma)$ , $E=\text{thermal}$ ; measured  $E\gamma,I\gamma$ .  $^{188}\text{Os}$  deduced levels, $J,\pi$ . Enriched target.

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**Keynumber:** 1979WIZU

**Reference:** Bull.Am.Phys.Soc. 24, No.4, 684, JL3 (1979)

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

**Title:**  $^{186,187,188}\text{Os}(n,\gamma)$  Cross Section Measurements at ORELA

**Keyword abstract:** NUCLEAR REACTIONS  $^{186}$ ,  $^{187}$ ,  $^{188}\text{Os}(n,\gamma)$ , $E=2.5$ -450 keV; measured  $\sigma$ ,Maxwellian averaged  $\sigma\gamma(186)/\sigma\gamma(187)$ .  $^{187}$ ,  $^{188}$ ,  $^{189}\text{Os}$  deduced neutron resonance parameters,duration T of stellar nucleosynthesis. Single level Breit-Wigner analysis.

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**Keynumber:** 1979CAZU

**Reference:** Priv.Comm. (August 1979)

**Authors:** R.F.Casten

**Title:**  $\gamma$ -Ray Transitions in the  $^{187}\text{Os}(n,\gamma)^{188}\text{Os}$  Reaction

**Keyword abstract:** NUCLEAR REACTIONS  $^{187}\text{Os}(n,\gamma)$ , $E=\text{thermal}$ ,12.7 eV; measured  $E\gamma,I\gamma$ .  $^{188}\text{Os}$  deduced levels.

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**Keynumber:** 1979BAZD

**Reference:** Theses, Proc.29th Ann.Conf.Nucl.Spectrosc.Struct.At.Nuclei, Riga, p.130 (1979)

**Authors:** I.F.Barchuk, et al.

**Title:** Electromagnetic Transitions from the  $^{187}\text{Os}(n,\gamma)^{188}\text{Os}$  Reaction with Slow Neutrons

**Keyword abstract:** NUCLEAR REACTIONS  $^{187}\text{Os}(n,\gamma)$ , $E=\text{fast}$ ; measured  $E\gamma,I\gamma$ .  $^{188}\text{Os}$  deduced levels.

**Keynumber:** 1978WOZR

**Coden:** REPT OAP-528,S Woosley

**Keyword abstract:** NUCLEAR REACTIONS  $^{186}, ^{187}\text{Os}(n,\gamma), E=10-100 \text{ keV}$ ; calculated correction factor to observed  $\sigma$ ; discussed significance to Re/Os cosmochronology.

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**Keynumber:** 1978BAYT

**Reference:** Program and Theses, Proc.28th Ann.Conf.Nucl.Spectrosc.Struct.At.Nuclei, Alma-Ata, p.111 (1978)

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

**Title:** Gamma-Ray Spectrum from the  $^{187}\text{Os}(n,\gamma)^{188}\text{Os}$  Reaction with Slow Neutrons

**Keyword abstract:** NUCLEAR REACTIONS  $^{187}\text{Os}(n,\gamma), E=\text{slow, thermal}$ ; measured  $E\gamma, I\gamma$ .  $^{188}\text{Os}$  deduced levels.

-----  
**Keynumber:** 1976ST14

**Reference:** Phys.Rev. C14, 965 (1976)

**Authors:** A.Stolovy, A.I.Namenson, B.L.Berman

**Title:** Spin-State Determinations and Spacings of Neutron Resonances for  $^{187}\text{Os}$  And  $^{189}\text{Os}$

**Keyword abstract:** NUCLEAR REACTIONS  $^{187}, ^{189}\text{Os}(n,\gamma), E=5-350 \text{ eV}$ ; measured  $\sigma(E, E\gamma)$ .  $^{188}, ^{190}\text{Os}$  deduced resonances, J, average spacing.

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**Keynumber:** 1976BR30

**Reference:** Phys.Rev. C14, 1287 (1976)

**Authors:** J.C.Browne, G.P.Lamaze, I.G.Schroder

**Title:** Ratio of Neutron Capture Cross Sections for  $^{186}\text{Os}$  and  $^{187}\text{Os}$  at 25-keV Neutron Energy

**Keyword abstract:** NUCLEAR REACTIONS  $^{186}, ^{187}\text{Os}(n,\gamma), E=25 \text{ keV}$ ; measured  $\sigma$  ratio.

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**Keynumber:** 1975VE11

**Reference:** Yad.Fiz. 22, 674 (1975); Sov.J.Nucl.Phys. 22, 348 (1976)

**Authors:** V.P.Vertebnyi, P.N.Vorona, A.I.Kalchenko, V.A.Pshenichnyi, V.K.Rudishin

**Title:** Interaction of Slow Neutrons with Isotopes of Os and Pt

**Keyword abstract:** NUCLEAR REACTIONS  $^{186}, ^{187}, ^{188}, ^{189}, ^{190}, ^{192}\text{Os}, ^{190}, ^{192}, ^{194}, ^{195}, ^{196}, ^{198}\text{Pt}$  (n, $\gamma$ ),  $E=\text{thermal, resonance}$ ; measured  $\sigma$ .

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**Keynumber:** 1975NA02

**Reference:** Nucl.Phys. A237, 45 (1975)

**Authors:** A.I.Namenson, A.Stolovy, G.L.Smith

**Title:** Spins of Low-Energy Neutron Resonances in  $^{175}\text{Lu}, ^{189}\text{Os}$  and  $^{187}\text{Os}$

**Keyword abstract:** NUCLEAR REACTIONS  $^{175}\text{Lu}, ^{187}, ^{189}\text{Os}(n,\gamma), E=2.6-300 \text{ eV}$ ; measured  $E\gamma, I\gamma$ .  $^{176}\text{Lu}, ^{190}\text{Os}$  resonances deduced J, gn-width, spin cut-off factors.  $^{188}\text{Os}$  resonances deduced J. Enriched targets.

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**Keynumber:** 1975MAZW

**Coden:** JOUR BAPSA 20 97 KE5

**Keyword abstract:** NUCLEAR REACTIONS  $^{187}, ^{189}\text{Os}(n,\gamma), E=\text{thermal, resonance}$ ; measured  $\sigma$ .  $^{188}, ^{190}\text{Os}$  deduced K.

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**Keynumber:** 1975MAZQ

**Coden:** REPT ERDA/NDC-2, p46, Macphail

**Keyword abstract:** NUCLEAR REACTIONS  $^{187}, ^{189}\text{Os}(n,\gamma), E=\text{thermal, resonant}$ ; measured  $\sigma(E, E\gamma)$ .  $^{190}\text{Os}$  resonances deduced J.

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**Keynumber:** 1975MAZP

**Coden:** REPT ERDA/NDC-2, p50, Macphail

**Keyword abstract:** NUCLEAR REACTIONS  $^{187}\text{Os}(n,\gamma), E=\text{thermal, } 9.4, 12.7 \text{ eV}$ ;  $^{189}\text{Os}(n,\gamma), E=\text{thermal, } 6.7, 8.9, 10.3 \text{ eV}$ ; measured  $\sigma(E, E\gamma)$ .  $^{188}, ^{190}\text{Os}$  deduced resonances, J,  $\pi, \gamma$ -branching.

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**Keynumber:** 1975MA46

**Reference:** Phys.Lett. 59B, 435 (1975)

**Authors:** M.R.Macphail, R.F.Casten, W.R.Kane

**Title:** Gamma-Ray Deexcitation of  $0^+, 2^+$  States in  $^{188}, ^{190}\text{Os}$

**Keyword abstract:** NUCLEAR REACTIONS  $^{187}, ^{189}\text{Os}(n,\gamma), E=\text{thermal, resonance}$ ; measured  $E\gamma, I\gamma$ .  $^{188}, ^{190}\text{Os}$  deduced levels,  $B(\lambda)$ .

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**Keynumber:** 1975MA31

**Reference:** Phys.Lett. 58B, 39 (1975)

**Authors:** M.R.Macphail, R.F.Casten, W.R.Kane

**Title:** Systematics of the Population of Rotational Bands in Deformed Nuclei in the  $(n,\gamma)$  Reaction

**Keyword abstract:** NUCLEAR REACTIONS  $^{187}, ^{189}\text{Os}(n,\gamma), E=\text{thermal, resonance}$ ; analyzed data; deduced systematic population of levels in final-state nuclei.

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**Keynumber:** 1975BRZV

**Coden:** JOUR BAPSA 20 559 AN2

**Keyword abstract:** NUCLEAR REACTIONS  $^{186}, ^{187}\text{Os}(n,\gamma), E=2\text{ev}-300 \text{ keV}$ ; measured  $\sigma(E, E\gamma)$ .

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**Keynumber:** 1975BAZQ

**Coden:** REPT INDC(CCP)-49/L,P29

**Keyword abstract:** NUCLEAR REACTIONS  $^{186}, ^{187}\text{Os}(n,\gamma), E=\text{thermal}$ ; measured  $E\gamma, I\gamma$ .  $^{187}, ^{188}\text{Os}$  deduced levels.

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**Keynumber:** 1974NAZL

**Coden:** REPT USNDC-11 P178

**Keyword abstract:** NUCLEAR REACTIONS  $^{187}\text{Os}(n,\gamma)$ ; measured  $E\gamma, I\gamma$ .  $^{188}\text{Os}$  levels deduced J,  $\pi$ .

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**Keynumber:** 1974MAXT

**Coden:** JOUR BAPSA 19 1012 CD12

**Keyword abstract:** NUCLEAR REACTIONS  $^{187}, ^{189}\text{Os}(n,\gamma), E=\text{thermal, resonance eV}$ ; measured  $E\gamma, I\gamma, \gamma\gamma$ -coin.  $^{188}, ^{190}\text{Os}$  levels, J,  $\pi$ .

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**Keynumber:** 1974BA23

**Reference:** Izv.Akad.Nauk SSSR, Ser.Fiz. 38, 75 (1974); Bull.Acad.Sci.USSR, Phys.Ser. 38, No.1, 65 (1974)

**Authors:** I.F.Barchuk, G.V.Belykh, V.I.Golyshkin, A.F.Ogorodnik, M.M.Tuchinskii, S.K.Kalinin

**Title:**  $\gamma$ -Ray Spectrum from the  $^{187}\text{Os}(n,\gamma)^{188}\text{Os}$  Reaction

**Keyword abstract:** NUCLEAR REACTIONS  $^{187}\text{Os}(n,\gamma), E=\text{reactor spectrum}$ ; measured  $E\gamma, I\gamma$ .  $^{188}\text{Os}$  deduced levels, transitions.

**Keynumber:** 1973NAZZ

**Coden:** JOUR BAPSA 18 96,A Namenson,1/15/73

**Keyword abstract:** NUCLEAR REACTIONS  $^{187}\text{Os}(n,X)$ ,  $(n,\gamma)$ , measured  $\sigma(E;E\gamma)$ .  $^{188}\text{Os}$  deduced resonance parameters.

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**Keynumber:** 1973NA11

**Reference:** Nucl.Phys. A209, 252 (1973)

**Authors:** A.I.Namenson

**Title:** Monte Carlo Simulation of the Decay of Neutron Resonances to Determine Resonance Spins

**Keyword abstract:** NUCLEAR REACTIONS  $^{143}$ ,  $^{145}\text{Nd}$ ,  $^{187}$ ,  $^{189}\text{Os}(n,\gamma)$ ; calculated  $I\gamma,\gamma\gamma$ -coin.  $^{185}$ ,  $^{187}\text{Re}$ ,  $^{177}\text{Hf}(n,\gamma)$ ; calculated  $\gamma\gamma$ -coin. Deduced resonances,J.

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**Keynumber:** 1973BAYN

**Coden:** CONF Tbilisi,p148

**Keyword abstract:** NUCLEAR REACTIONS  $^{187}\text{Os}(n,\gamma)$ ,E=thermal; measured  $E\gamma,I\gamma$ .  $^{188}\text{Os}$  deduced transitions. Enriched targets,Ge(Li) detector.

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**Keynumber:** 1972VEZM

**Reference:** Natl.Sov.Conf. on Neutron Physics, Kiev, p.181 (1971)

**Authors:** V.P.Vertebnyi, P.N.Vorona, A.I.Kalchenko, V.V.Koloty, M.V.Pasechnik, V.A.Pshenichnyi, Zh.I.Pisanko, V.K.Rudishin

**Title:** Investigation of the Interaction of Slow Neutrons with a Series of Isotopes of Elements in the Mass Region 168 - 192

**Keyword abstract:** NUCLEAR REACTIONS  $^{186}$ ,  $^{187}$ ,  $^{189}$ ,  $^{190}$ ,  $^{192}\text{Os}$ ,  $^{168}\text{Yb}(n,\gamma)$ ; measured  $\sigma(E)$ .  $^{187}$ ,  $^{188}$ ,  $^{190}$ ,  $^{191}$ ,  $^{193}\text{Os}$ ,  $^{169}\text{Yb}$  deduced resonances,level-width.