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14 reference(s) found :

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

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}Re Decay to ^{187}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.

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.

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 σ ; deduced nucleosynthesis duration, age of universe, Maxwellian average σ . $^{187}, ^{188}, ^{189}, ^{190}, ^{191}, ^{193}\text{Os}$ deduced average level spacing.

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, γ strength functions.

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 σ , 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.

Keynumber: 1978WOZR

Coden: REPT OAP-528,S Woosley

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

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}Os and ^{187}Os at 25-keV Neutron Energy

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

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=thermal, resonance; measured σ .

Keynumber: 1975BRZV

Coden: JOUR BAPSA 20 559 AN2

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

Keynumber: 1975BAZQ

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

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

Keynumber: 1974PR15

Reference: Izv.Akad.Nauk SSSR, Ser.Fiz. 38, 2135 (1974); Bull.Acad.Sci.USSR, Phys.Ser. 38, No.10, 104 (1974)

Authors: P.T.Prokofev, L.I.Simonova

Title: Levels of ^{185}Os and ^{187}Os Excited in (n,γ) Reactions

Keyword abstract: NUCLEAR REACTIONS $^{184}, ^{186}\text{Os}(n,\gamma)$, E=thermal; measured $E\gamma, E(\text{ce})$; deduced Q. $^{185}, ^{187}\text{Os}$ deduced levels, J, π .

Keynumber: 1974NEZY

Reference: Program and Theses, Proc.24th Ann.Conf.Nucl.Spectrosc.Struct.At.Nuclei, Kharkov, p.151 (1974)

Authors: L.A.Neiburg, L.I.Simonova

Title: Spectrum of γ -Rays from the $^{186}\text{Os}(n,\gamma)^{187}\text{Os}$ Reaction

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

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}Yb deduced resonances, level-width.
