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6 reference(s) found :

Keynumber: 1992BR17

Reference: Nucl.Phys. A542, 1 (1992)

Authors: A.M.Bruce, W.Gelletly, G.G.Colvin, P.Van Isacker, D.D.Warner

Title: Neutron Capture Studies of ^{189}Os

Keyword abstract: NUCLEAR REACTIONS $^{188}\text{Os}(n,\gamma)$, (n,e^-) , $E=\text{thermal}, 2, 24 \text{ keV}$; measured $I\gamma, E\gamma, \text{electron spectra}, \gamma\gamma(\theta)$. ^{189}Os deduced levels, $J, \pi, \text{mixing ratio}$.

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

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 $^{186}, ^{187}, ^{188}, ^{189}, ^{190}, ^{192}\text{Os}(n,\gamma)$, $E=2 \text{ eV}-150 \text{ keV}$; 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 $^{186}, ^{187}, ^{188}\text{Os}(n,\gamma)$, $E=2.6-800 \text{ keV}$; 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 $^{186}, ^{187}, ^{188}\text{Os}(n,\gamma)$, $E=2.5-450 \text{ keV}$; 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: 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,γ) , $E=\text{thermal}, \text{resonance}$; measured σ .
