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10 reference(s) found :

Keynumber: [2001WI22](#)

Reference: Phys.Rev.Lett. 87, 251102 (2001)

Authors: K.Wisshak, F.Voss, C.Arlandini, F.Becvar, O.Straniero, R.Gallino, M.Heil, F.Kappeler, M.Krticka, S.Masera, R.Reifarth, C.Travaglio

Title: Neutron Capture on $^{180}\text{Ta}^m$: Clue for an s-process origin of nature's rarest isotope

Keyword abstract: NUCLEAR REACTIONS $^{180m}\text{Ta}(n,\gamma)$, $E=10\text{-}100\text{ keV}$; measured capture σ ; deduced astrophysical average capture σ .

Keynumber: 2001WI13

Reference: Nucl.Phys. A688, 533c (2001)

Authors: K.Wisshak, F.Voss, C.Arlandini, M.Heil, F.Kappeler, R.Reifarth, M.Krticka, F.Becvar

Title: Stellar Neutron Capture Cross Section of the Rarest Stable Isotope ^{180m}Ta

Keyword abstract: NUCLEAR REACTIONS $^{180}\text{Ta}(n,\gamma)$, $E=10\text{-}100\text{ keV}$; measured $E\gamma$. Production of ^{180}Ta in stellar environments discussed.

Keynumber: 1981COZV

Reference: Phys.Can. 37, No.3, 36, DF5 (1981)

Authors: T.Cousins, T.J.Kennett, W.V.Prestwich

Title: Low Energy States in ^{180}Ta

Keyword abstract: NUCLEAR REACTIONS $^{180}\text{Ta}(n,\gamma)$, $E=\text{thermal}$; measured Q . $^{181}\text{Ta}(\gamma,n)$, E not given; measured not given. ^{180}Ta deduced levels. 180 , 181 , ^{182}Ta deduced $S(n)$ for isotope pairs.

Keynumber: 1981CO17

Reference: Phys.Rev. C24, 911 (1981)

Authors: T.Cousins, T.J.Kennett, W.V.Prestwich

Title: Low Energy States in ^{180}Ta

Keyword abstract: NUCLEAR REACTIONS $^{180}\text{Ta}(n,\gamma)$, $E=\text{thermal}$; measured $E\gamma$, $I\gamma$; deduced Q . ^{181}Ta deduced levels, J, π . $^{180}\text{Ta}(\gamma,n)$, $E=7724, 7815\text{ keV}$; measured E_n . ^{180}Ta deduced levels, Q , average neutron binding energy.

Keynumber: 1975MAXZ

Coden: CONF Petten(Neutron Capture γ -ray Spect), Proc P578

Keyword abstract: NUCLEAR REACTIONS ^{180}Ta , $^{159}\text{Tb}(n,\gamma)$, $E=\text{thermal}$; measured $E\gamma$, $I\gamma$, $\gamma\gamma(t)$. ^{181}Ta deduced levels, K, J, π .

Keynumber: 1974MAYB

Coden: CONF Petten(Neutron Capture Gamma Ray Spectroscopy), P389

Keyword abstract: NUCLEAR REACTIONS ^{180}Ta , $^{159}\text{Tb}(n,\gamma)$; measured $E\gamma$, $I\gamma$. ^{181}Ta deduced levels.

Keynumber: 1974MAXA

Coden: REPT UCRL-75726,mf

Keyword abstract: NUCLEAR REACTIONS ^{180}Ta , $^{159}\text{Tb}(n,\gamma)$; measured $E\gamma$, $I\gamma$, $\gamma\gamma(t)$. ^{181}Ta , ^{160}Tb deduced levels, γ -mixing, J, π .

Keynumber: 1973LAZY

Reference: Priv.Comm. (March 1973)

Authors: J.T.Larsen, R.G.Lanier

Title:

Keyword abstract: NUCLEAR REACTIONS $^{180}\text{Ta}(n,\gamma)$, E=thermal; measured $E\gamma$, $I\gamma$, $\gamma\gamma$ -coin. ^{181}Ta deduced levels, J, π, γ -branching.

Keynumber: 1972LAYW

Coden: JOUR BAPSA 17 899, R Lanier, 10/26/72

Keyword abstract: NUCLEAR REACTIONS $^{180}\text{Ta}(n,\gamma)$, E=thermal; measured $E\gamma$, $I\gamma$, $\gamma\gamma\gamma$ -coin; deduced Q. ^{181}Ta deduced levels, J, π .

Keynumber: 1972LAYQ

Reference: Bull.Amer.Phys.Soc. 17, No.10, 899, BB13 (1972)

Authors: R.G.Lanier, J.T.Larsen, D.H.White, M.C.Gregory

Title: Levels in ^{181}Ta Populated by the (n,γ) Reaction

Keyword abstract: NUCLEAR REACTIONS $^{180}\text{Ta}(n,\gamma)$, E=thermal; measured $E\gamma$, $I\gamma$, $\gamma\gamma\gamma$ -coin; deduced Q. ^{181}Ta deduced levels, J, π .