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4 reference(s) found :

Keynumber: 2001HAZT

Reference: INDC(CPR)-053/L, p.23 (2001)

Authors: Y.Han

Title: Calculation and Recommendation of $n + {}^{174,176-180}\text{NatHf}$ Reactions

Keyword abstract: NUCLEAR REACTIONS $\text{Hf}, {}^{174}, {}^{176}, {}^{177}, {}^{178}, {}^{179}, {}^{180}\text{Hf}(n,n), (n,n'), (n,\gamma), (n,2n), (n,p), E < 20 \text{ MeV};$ calculated σ . Comparisons with data.

Keynumber: 2000LIZU

Reference: INDC(CPR)-052/L, p.72 (2000)

Authors: J.Liu, T.Wang, T.Liu

Title: Progress on Theoretical Calculations of Neutron Induced Reaction on ${}^{174,176,178,180}\text{Hf}$ in the Energy Region from 0.01 MeV to 20 MeV

Keyword abstract: NUCLEAR REACTIONS ${}^{174}, {}^{176}, {}^{178}, {}^{180}\text{Hf}(n,X), (n,p), (n,\alpha), (n,\gamma), E < 20 \text{ MeV};$ calculated σ . Comparisons with data.

Keynumber: 1983YA06

Reference: J.Nucl.Sci.Technol.(Tokyo) 20, 722 (1983)

Authors: T.Yamamoto

Title: Evaluation of Neutron Capture Gamma-Ray Spectra in Hafnium and Tantalum

Keyword abstract: NUCLEAR REACTIONS ${}^{174}, {}^{176}, {}^{177}, {}^{178}, {}^{179}, {}^{180}\text{Hf}, {}^{181}\text{Ta}(n,\gamma), E = \text{thermal};$ ${}^{181}\text{Ta}(n,\gamma), E = 0.25, 0.5 \text{ MeV};$ calculated capture $E\gamma, I\gamma$. ${}^{182}\text{Ta}, {}^{175}, {}^{177}, {}^{178}, {}^{179}, {}^{180}, {}^{181}\text{Hf}$ deduced level density parameters. Cascade model.

Keynumber: 1971AL01

Reference: Nucl.Phys. A161, 209 (1971)

Authors: G.Alenius, S.E.Arnell, C.Schale, E.Wallander

Title: Low Spin, Negative Parity States in the $N = 103$ Isotones of ${}^{171}\text{Er}, {}^{173}\text{Yb}$ and ${}^{175}\text{Hf}$ Identified by Thermal Neutron Capture Reactions

Keyword abstract: NUCLEAR REACTIONS ${}^{170}\text{Er}(n,\gamma), {}^{172}\text{Yb}(n,\gamma), {}^{174}\text{Hf}(n,\gamma), E = \text{th};$ measured $E\gamma, I\gamma, Q$. ${}^{171}\text{Er}, {}^{173}\text{Yb}, {}^{175}\text{Hf}$ deduced levels, J, π . Enriched targets. Ge(Li) detectors.