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6 reference(s) found :

Keynumber: [1999HE33](#)

Reference: Phys.Rev. C60, 064614 (1999)

Authors: H.Herndl, R.Hofinger, J.Jank, H.Oberhummer, J.Gorres, M.Wiescher, F.-K.Thielemann, B.A.Brown

Title: Reaction Rates for Neutron Capture Reactions to C, N, and O Isotopes to the Neutron Rich Side of Stability

Keyword abstract: NUCLEAR REACTIONS $^{13, 14, 15, 16}\text{C}$, $^{15, 16, 17, 18}\text{N}$, $^{18, 19, 20, 21}\text{O}$ (n, γ),E=stellar; analyzed data; deduced capture rates. Comparison with previous results.

Keynumber: 1997NAZZ

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.2, p.501 (1997)

Authors: Y.Nagai, T.Shima, T.Kikuchi, T.Kii, T.Kobayashi, F.Okazaki, T.Baba, K.Takaoka, S.Naito, A.Tomyo, M.Igashira, T.Ohsaki, S.Ishikawa

Title: Nuclear Astrophysics Studied by Neutron Capture Reaction of Light Nuclei

Keyword abstract: NUCLEAR REACTIONS ^2H , ^7Li , ^{18}O (n, γ),E=10-80 keV; measured E γ ,I γ ; deduced capture σ . Astrophysical implications discussed.

Keynumber: [1996ME01](#)

Reference: Phys.Rev. C53, 459 (1996)

Authors: J.Meissner, H.Schatz, J.Gorres, H.Herndl, M.Wiescher, H.Beer, F.Kappeler

Title: Neutron Capture Cross Section of ^{18}O and Its Astrophysical Implications

Keyword abstract: NUCLEAR REACTIONS ^{18}O (n, γ),E=25-370 keV; measured E γ ,I γ ,capture σ (E); deduced stellar reaction rate implications. Shell,direct capture models comparison.

Keynumber: 1994BE29

Reference: Acta Phys.Pol. B25, 629 (1994)

Authors: H.Beer

Title: Neutron Capture Rates of Light Isotopes for Inhomogeneous Big Bang Nucleosynthesis

Keyword abstract: NUCLEAR REACTIONS $^{107, 109}\text{Ag}$, ^{22}Ne , ^{14}C , ^{18}O , ^{15}N (n, γ),E=thermal; measured γ -spectra, σ . $^{194, 196, 198}\text{Pt}$ (n, γ),E=thermal; measured isomeric σ ratio. Fast cyclic activation technique,targets of Kr,Xe also studied.

Keynumber: 1971BLZR

Coden: REPT EANDC(OR)-112'L',P11,1/28/72

Keyword abstract: NUCLEAR REACTIONS ^{18}O (n, γ),E= reactor spectrum; measured σ ; deduced resonance integral.

Keynumber: 1971BL05

Reference: J.Inorg.Nucl.Chem. 33, 1221 (1971)

Authors: W.Blaser, A.Wyttenbach, P.Baertschi

Title: Reaction Cross-Section and Resonance Integral for ^{18}O (n, γ) ^{19}O

Keyword abstract: NUCLEAR REACTIONS ^{18}O (n, γ),E=reactor spectrum; measured σ ; deduced resonance integral.