^{7}Be(n,p) 2004Ti06

History

Type	Author	Citation	Literature Cutoff Date
Update	J. H. Kelley, J. L. Godwin, C. G. Sheu	ENSDF	31-Mar-2004

1988Bo15: ^{7}Be(n,p) E≈0.02-10 eV, measured σ(E). R-matrix fit.
1988Ko03: ^{7}Be(n,p) E=0.025-13500 eV, measured σ. ^{8}Be levels deduced Γ_p, Γ_n, Γ.
1989Ce03: ^{7}Be(n,p) E=thermal, 2 keV, measured σ.
1991An17: ^{7}Be(n,p) E=24.5 keV, measured reaction σ.
1998Fi02: ^{7}Be(n,p) E not given, analyzed reaction rate uncertainties. Deduced uncertainties In elemental abundances from primordial nucleosynthesis.
2002Gl03: ^{7}Be(n,p) E=low, compiled, analyzed σ, particle spectra, resonance parameters.
2003Ad05: ^{7}Be(n,p) E(C.M.)<20 MeV, analyzed σ. Deduced R-matrix parameters. ^{8}Be levels deduced neutron and proton resonance widths.
2004Cy01: ^{7}Be(n,p) E<2 MeV, analyzed reaction rates.

^{8}Be Levels

E(level)	Comments
18.90×10^{3}	Γ_n=0.225 MeV and Γ_p=1.409 MeV (2003Ad05: S-matriX).
19.23×10^{3}	level is the sum of EX=19.07 MeV and 19.24 MeV contributions Γ_n=0.077 MeV and Γ_p=0.088 MeV (2003Ad05: S-matriX).
21.56×10^{3}	Γ_n=0.490 MeV and Γ_p=0.610 MeV (2003Ad05: S-matriX).