^{12}C(n,p) 1991Br10

History

Type	Author	Citation	Literature Cutoff Date
Full Evaluation	J. H. Kelley, J. E. Purcell and C. G. Sheu	NP A968, 71 (2017)	1-Jan-2017

1953Ke50: ^{12}C(n,p) E=90 MeV, measured products.
1959Kr69: ^{12}C(n,p) E=14.9-17.5 MeV, measured products.
1982Br04, 1984Br03: ^{12}C(n,p) E=60 MeV, measured $\sigma(E_p,\theta)$, analyzed G-T strength.
1988Ja01: ^{12}C(n,p) E=198 MeV, measured $\sigma(E_p,\theta)$, analyzed G-T strength.
1989Fo04: ^{12}C(n,p) E=60,65 MeV, measured $\sigma(E_p,\theta)$.
1990Mi10: ^{12}C(n,p) E=280 MeV, measured $\sigma(E_p,\theta)$.
1991Br10: ^{12}C(n,p) E=56,60,65 MeV, measured $\sigma(E,\theta)$. Microscopic DWBA, shell model analyses.
1993Po05: ^{12}C(n,p) E=300 MeV, measured proton spectra, analyzed ^{12}B*(4.5 MeV:$J^{\pi}=4^{-}$) 1p-1h stretched state.
1993Ol03, 1996Ol01: ^{12}C(n,p) E=98 MeV, measured $\sigma(E_p,\theta)$, deduced multipole strength distribution.
1993Ya11: ^{12}C(n,p) E=60-260 MeV, measured $\sigma(E_p,\theta)$, analyzed dipole, Spin Dipole Resonances.
2000Da22: ^{12}C(n,p) E≈100 MeV, measured p spectrum, Deduced G-T strength.

^{12}B Levels

E(level)
0
0.95×10^{3}
4.4×10^{3}
7.7×10^{3}