^{12}C(α,^{10}B),^{12}C(α,dα)   **2002Ti10**

History

Type	Author	Citation	Literature Cutoff Date
Full Evaluation	Hu, Tilley, Kelley et al.	NP A708, 3 (2002)	23-Aug-2001

1976Ma50: ^{12}C(α,^{6}Li) E=46 MeV, measured σ(E(^{6}Li),θ). Finite-range DWBA analysis with microscopic wave functions.

1978Sa26: ^{12}C(ALPHA,^{6}Li$'$) E=65 MeV/C, measured relative energy distribution of correlated decay products.

1987Ga20: ^{12}C(α,^{6}Li) E=33.8 MeV, measured σ(θ=35°).

1991Gl03: ^{12}C(α,^{6}Li) E=90 MeV, measured σ(θ). Finite range DWBA analysis.

^{6}Li Levels

E(level)
0
2.19×10^{3}
4.31×10^{3}