$$^7\textbf{Li}(^{12}\textbf{C},^{12}\textbf{C}) \quad \textbf{2002Ti10}$$

History

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

1979Br04: ^{12}C(^{7}Li,^{7}Li) E=89 MeV, measured $\sigma(\theta)$.

1980Ze03: ^{12}C(^{7}Li,^{7}Li),(^{7}Li,^{7}Li′) E=63,78.7 MeV, measured $\sigma(\theta)$. ^{7}Li level deduced deformation length.

1986Co02: ^{7}Li(^{12}C,^{12}C) E=58.4 MeV, measured particle spectra, $\sigma(\theta)$, ^{7}Li levels deduced deformation lengths, excitation mechanisms, relative σ.

1987Co02: ^{13}C(^{7}Li,^{7}Li),(^{7}Li,^{7}Li′) E=34 MeV, measured $\sigma(\text{E}(^7\text{Li}))$, $\sigma(\theta)$, ^{7}Li levels deduced excitation mechanism.

$$^7\text{Li Levels}$$

E(level)
0
0.48×10^3
4.63×10^3

$$^7\text{Li}(^{12}\text{C},^{12}\text{C}) \quad \textbf{2002Ti10}$$