$$^{11}\text{B}(^{12}\text{C},^{12}\text{C}) \quad \textbf{1969Vo07}$$

History

Type	Author	Citation	Literature Cutoff Date
Full Evaluation	J. H. Kelley, C. G. Sheu	NP A880,88 (2012)	1-Jan-2011

1969Vo07: ^{12}C(^{11}B,^{12}C), E=28 MeV; measured $\sigma(\theta)$. ^{11}B levels deduced L, S.

1971Li11: ^{11}B(^{12}C,^{12}C) E=87 MeV, measured $\sigma(\theta)$. Deduced optical model parameters.

1974Bo15: ^{11}B(^{12}C,^{12}C) E=15, 17, 20, 24 MeV, measured $\sigma(\theta)$.

1975Du11: ^{11}B(^{12}C,^{12}C) E$_{lab}$=16, 18, 22, 24 MeV, measured $\sigma(\theta)$.

1981Hu13: ^{11}B(^{12}C,^{12}C) E$_{C.M.}$=14.6 MeV, measured $\sigma(\theta)$.

1983Sr01: ^{11}B(^{12}C,^{12}C),(^{12}C,^{12}C′) E$_{C.M.}$=9.5-20 MeV, measured $\sigma(\theta)$, σ(E). Deduced reaction mechanism.

1990Ja12: ^{11}B(^{12}C,^{12}C) E=344.5 MeV, measured $\sigma(\theta)$.

$$^{11}\text{B Levels}$$

E(level)
0
2.12×10^3
4.46×10^3
6.80×10^3