$$^{1}\text{H}(^{11}\text{C},^{11}\text{C}) \quad \textbf{2003Jo09}$$

History

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

2002Ga11: $^{1}\text{H}(^{11}\text{C},^{11}\text{C})$; measured $\sigma(\theta)$. Deduced asymptotic normalization coefficients.

2003Jo09: $^{1}\text{H}(^{11}\text{C},^{11}\text{C}')$, E=45.3 MeV/nucleon; measured elastic and inelastic $\sigma(\theta)$. ^{11}C deduced transitions B(E2), matter radii.

2005Jo12: $^{1}\text{H}(^{11}\text{C},^{11}\text{C})$, $(^{11}\text{C},^{11}\text{C}')$, E=40.6 MeV/nucleon; measured elastic and inelastic $\sigma(\theta)$. ^{11}C deduced radii, transition matrix elements.

^{11}C Levels

E(level)	Comments
0	R_{rms}=2.33 fm 10 (2005Jo12).
2.03×10^3	
4.37×10^3	
6.47×10^3	