

$^{13}\text{C}(\text{d},^3\text{He})$ **1975Ma41**

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

1972Br27: $^{13}\text{C}(\text{d},^3\text{He})$ E=28 MeV, measured $\sigma(E_d, \sigma(\theta))$.

1975Ma41: $^{13}\text{C}(\text{d},^3\text{He})$ E=52 MeV, measured $\sigma(E(^3\text{He}), \theta)$. ^{12}B levels, spectroscopic factors.

1977Li02: $^{13}\text{C}(\text{d},^3\text{He})$ E=24-26 MeV, measured $\sigma(\theta)$. ^{12}B deduced S. DWBA analysis.

1979Co08: $^{13}\text{C}(\text{d},^3\text{He})$ E=29 MeV, measured $\sigma(\theta)$, A(θ). DWBA calculations.

 ^{12}B Levels

| E(level) | $\text{C}^2\text{S}^\dagger$ | Comments |
|--------------------|------------------------------|--|
| 0 | 1.09 | C^2S : See also S=1.1 2 (1977Li02). |
| 0.95×10^3 | 2.17 | C^2S : See also S=2.0 5 (1977Li02). |
| 2.72×10^3 | 0.14 | |
| 3.76×10^3 | 0.07 | |
| 5.00×10^3 | 0.22 | |

† See (**1975Ma41**).