

$^{12}\text{C}(\text{d},^3\text{He})$  1968Hi01

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

- 1968Ga13:  $^{12}\text{C}(\text{d},^3\text{He})$  E=28 MeV, measured  $\sigma(\theta)$ . DWBA analysis for comparison of  $(\text{d},^3\text{He})$  cross sections, S.  
 1968Hi01:  $^{12}\text{C}(\text{d},^3\text{He})$  E=52 MeV, measured  $\sigma(\text{E}(^3\text{He}),\theta)$ .  $^{11}\text{B}$  deduced levels, J,  $\pi$ , S.  
 1974As04:  $^{12}\text{C}(\text{d},^3\text{He})$  E=80 MeV, measured  $\sigma(\text{E}(^3\text{He}),\theta)$ . Deduced optical model parameters.  $^{11}\text{B}$  deduced sign of  $\beta$ .  
 1975Ma41:  $^{12}\text{C}(\text{d},^3\text{He})$  E=52 MeV, measured  $\sigma(\text{E}(^3\text{He}),\theta)$ .  $^{11}\text{B}$  deduced levels, spectroscopic factors.  
 1977Ch01:  $^{12}\text{C}(\text{d},^3\text{He})$  E=80 MeV, analyzed relative S. Deduced normalization constant. J-dependent sum rule analysis.  
 1978Co13:  $^{12}\text{C}(\text{pol. d},^3\text{He})$  E=29 MeV, measured  $\sigma(\theta)$ ,  $\text{Ay}(\theta)$ . DWBA calculations.  
 1981Ma14:  $^{12}\text{C}(\text{pol. d},^3\text{He})$  E=52 MeV, measured  $i\text{T}_{11}(\text{E}(^3\text{He}),\theta)$ . DWBA analysis.

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

E(level)	$J^\pi$	L	$\text{C}^2\text{S}$ (1968Hi01).	Comments
0	$3/2^-$	1	2.98	E(level): $J^\pi$ : from (1968Hi01).
$2.12 \times 10^3$	$1/2^-$	1	0.78	E(level): $J^\pi$ : from (1968Hi01).
$4.45 \times 10^3$	$5/2^-$			E(level): $J^\pi$ : from (1968Hi01).
$5.02 \times 10^3$	$3/2^-$	1	0.31	E(level): $J^\pi$ : from (1968Hi01).
$6.74 \times 10^3$				E(level): Unresolved.
				E(level): from (1968Hi01).
$6.79 \times 10^3$				E(level): Unresolved.
				E(level): from (1968Hi01).
$7.29 \times 10^3$	(5/2)			E(level): $J^\pi$ : from (1968Hi01).
$7.98 \times 10^3$				E(level): from (1975Aj01).