

${}^{10}\text{B}(\text{d}, {}^3\text{He})$  1975Sc41

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	J. H. Kelley, C. G. Sheu, J. L. Godwin, et al.		NP A745 155 (2004)	31-Mar-2004

1967Fi07:  ${}^{10}\text{B}(\text{d}, {}^3\text{He})$  E=11.8 MeV, measured  $\sigma(E({}^3\text{He}), \theta)$ .  ${}^9\text{Be}$  deduced levels, S.

1968Ga13:  ${}^{10}\text{B}(\text{d}, {}^3\text{He})$  E=28 MeV, measured  $\sigma(\theta)$ . DWBA analysis for comparison of (d,  ${}^3\text{He}$ ), (d,t) cross sections, S.

1974Lu06:  ${}^{10}\text{B}(\text{pol. d}, {}^3\text{He})$  E=15 MeV, measured  $\sigma(E({}^3\text{He}), \theta)$ ,  $A(\theta)$ .  ${}^9\text{Be}$  levels deduced S, J-dependence, J-admixtures. DWBA analysis.

1975Sc41:  ${}^{10}\text{B}(\text{d}, {}^3\text{He})$  E=52 MeV, measured  $\sigma(E({}^3\text{He}), \theta)$ .  ${}^9\text{Be}$  levels deduced S.

2000Fe08:  ${}^{10}\text{B}(\text{d}, {}^3\text{He})$  E=11.8 MeV, analyzed  $\sigma(\theta)$ . Deduced optical model parameters, asymptotic normalization coefficient, uniqueness features.

 ${}^9\text{Be}$  Levels

E(level)	$S_{\text{rel}}$
0.0	1.0
$2.4 \times 10^3$	0.98
$6.7 \times 10^3$	0.58
$11.3 \times 10^3$	