

$^{11}\text{B}(\text{d},^2\text{He})$ [1993Sa09,2001Oh07](#)

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

[1992SaZT](#): $^{11}\text{B}(\text{pol. d},2\text{p})$, $E=70$ MeV; measured spectra, $\sigma(\theta)$, vector analyzing power for 2p-singlet S state. ^{11}Be deduced levels.

[1993Sa09](#): $^{11}\text{B}(\text{pol. d},2\text{p})$, $E=70$ MeV; measured $\sigma(\theta)$, vector, tensor analyzing powers vs θ . ^{11}Be deduced Gamow-Teller, spin-flip dipole transitions.

[2001Oh07](#): $^{11}\text{B}(\text{d},2\text{p})$, $E=270$ MeV; measured $\sigma(\theta)$ vs excitation energy, vector and tensor analyzing powers, Gamow-Teller, spin- and isospin-flip strength distributions. DWBA, shell model.

 ^{11}Be Levels

E(level)	J^π	ΔL (2001Oh07)	Comments
320	$1/2^-$	0	J^π from (1993Sa09).
2700	$(3/2^-)$	0	J^π from (1993Sa09).
3800	$(3/2^-)$	0	J^π from (2001Oh07) also see $J^\pi=5/2^-$ from (1993Sa09).
5400?	$(5/2^-)$	0	
6300		1	
7300?	$(1/2^-)$	0	
8200	$(1/2^-)$	0	
9200		1	
10200?		1	
11600		1	
13200?		1	