

$^{11}\text{B}(\text{d},\text{d}')$ 2004Ka53,2007Ka49

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

1967Fi07: $^{11}\text{B}(\text{d},\text{d})(\text{d},\text{d}')$, E=11.8 MeV, measured $\sigma(E_{\text{d}'},\theta)$. ^{11}B deduced levels, S.

1969Ve09: $^{11}\text{B}(\text{d},\text{d})$, E=13.6 MeV, measured $\sigma(\theta)$. Deduced optical model parameters.

1971Za04: $^{11}\text{B},\text{Ti}(\text{pol. d},\text{d})$, measured vector polarization. Deduced optical model parameters.

2004Ka53: $^{11}\text{B}(\text{pol. d},\text{d}')$, E=200 MeV, measured particle spectra, $\sigma(E,\theta)$, $A_y(\theta)$, other polarization observables. ^{11}B deduced isovector and isoscalar spin-flip M1 strengths, Gamow-Teller strength distributions.

2007Ka49: $^{11}\text{B}(\text{d},\text{d}')$, E=200 MeV, analyzed $\sigma(\theta)$. Deduced B(E0), B(E2) using multipole decomposition analysis.

 ^{11}B Levels

E(level)	J^π
0	
2.12×10^3	$1/2^-$
4.44×10^3	$5/2^-$
5.02×10^3	$3/2^-$
6.74×10^3	$7/2^-$
8.56×10^3	$3/2^-$
8.92×10^3	$5/2^-$