

$^{11}\text{B}(^6\text{Li},^6\text{Li}),(^7\text{Li},^7\text{Li})$ [1987Co02](#)

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

[1972Ba52](#): $^{11}\text{B}(^6\text{Li},^6\text{Li})$, E=28 MeV, measured $\sigma(\theta)$. Deduced optical potentials.

[1987Co02](#), [1987Co16](#): $^{11}\text{B}(^7\text{Li},^7\text{Li})$, $(^7\text{Li},^7\text{Li}')$, E=34 MeV, measured $\sigma(E(^7\text{Li}))$, $\sigma(\theta)$. ^{11}B levels deduced excitation mechanism.

[2005Ru17](#), [2005Ru18](#), [2007Ru13](#): $^{11}\text{B}(^7\text{Li},^7\text{Li})$, $(^7\text{Li},^7\text{Li}')$, E=34 MeV, analyzed $\sigma(E,\theta)$, deduced optical model parameters. ^{11}B deduced deformation parameters.

 ^{11}B Levels

E(level)	Comments
0	
2.12×10^3	E(level): from $^7\text{Li}+^{11}\text{B}$: (1987Co02,2005Ru18).
4.44×10^3	E(level): from $^7\text{Li}+^{11}\text{B}$: (1987Co02,2005Ru18).
5.02×10^3	E(level): from $^7\text{Li}+^{11}\text{B}$: (1987Co02,2005Ru18).
6.74×10^3	E(level): from $^7\text{Li}+^{11}\text{B}$: (1987Co02,2005Ru18).
7.29×10^3	E(level): from $^7\text{Li}+^{11}\text{B}$: (1987Co02,2005Ru18).
7.98×10^3	E(level): from $^7\text{Li}+^{11}\text{B}$: (2005Ru18).
8.56×10^3	E(level): from $^7\text{Li}+^{11}\text{B}$: (2005Ru18).
8.92×10^3	E(level): from $^7\text{Li}+^{11}\text{B}$: (1987Co02,2005Ru18).