

${}^{11}\text{B}({}^7\text{Li}, {}^7\text{Be})$ 2001Ca45,2004Ca29

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

2001Ca45: ${}^{11}\text{B}({}^7\text{Li}, {}^7\text{Be})$, $E=57$ MeV; measured particle spectra. ${}^{11}\text{Be}$ deduced levels, widths, core excitation.

2004Ca29: ${}^{11}\text{B}({}^7\text{Li}, {}^7\text{Be})$, $E=57$ MeV; measured particle spectra, $\sigma(E, \theta)$. ${}^{11}\text{Be}$ deduced levels, configurations.

2006No11: ${}^{11}\text{B}({}^7\text{Li}, {}^7\text{Be})$, $E \approx 8$ MeV/nucleon; measured excitation energy spectra. ${}^{11}\text{Be}$ deduced excited states features.

2008CaZX: ${}^{11}\text{B}({}^7\text{Li}, {}^7\text{Be})$, $E \approx 8$ MeV/nucleon, measured single-particle states, excitation energy spectra.

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

E(level)	$T_{1/2}$
0	
0.32×10^3	2
1.77×10^3	2 100 keV 10
2.67×10^3	2 200 keV 10
3.41×10^3	2 130 keV 10
3.89×10^3	2 <50 keV
3.96×10^3	2 <50 keV
6.05×10^3	4 320 keV 40
9.4×10^3	5 7.0 MeV 5