

$^{11}\text{B}(^3\text{He,t})$ 1971Wa21,1976Wi05

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

1967Cr04: $^{11}\text{B}(^3\text{He,t})$ E=10 MeV, measured $\sigma(E_t, \theta)$. ^{11}C deduced DWBA fits.

1970Nu02: $^{11}\text{B}(^3\text{He,t})$ E=11-17 MeV, measured $\sigma(\theta, E)$. Deduced optical parameters.

1971Wa21: $^{11}\text{B}(^3\text{He,t})$ E=29.8 MeV, measured $\sigma(E_t)$. ^{11}C deduced T=3/2 levels, Γ -level.

1976Wi05: $^{11}\text{B}(^3\text{He,t})$ E=217 MeV, measured $\sigma(E_t, \theta)$.

2003KaZS: $^{11}\text{B}(^3\text{He,t})$; measured particle spectra. Deduced transitions B(GT).

2004Fu16: $^{11}\text{B}(^3\text{He,t})$, E=140 MeV/nucleon; measured triton spectra, $\sigma(E, \theta=0^\circ)$. Deduced B(GT).

2004Ka53, 2004Ka56, 2004KaZW: $^{11}\text{B}(^3\text{He,t})$, E=450 MeV; measured particle spectra, $\sigma(E, \theta)$, $A_y(\theta)$, other polarization observables. ^{11}C deduced isovector and isoscalar transition strengths.

 ^{11}C Levels

E(level)	$T_{1/2}$	L	Comments
0		0,2	E(level): from (1967Cr04). L from (1976Wi05).
2.0×10^3		0	E(level): from (1967Cr04). L from (1976Wi05).
4.3×10^3		0	L from (1976Wi05).
4.8×10^3		0	L from (1976Wi05).
6.48×10^3		2	L from (1976Wi05).
6.91×10^3			E(level): from (1971Wa21).
7.51×10^3			E(level): from (1971Wa21).
8.11×10^3		0	E(level): from (1971Wa21). L from (1976Wi05).
8.42×10^3			E(level): from (1971Wa21).
8.65×10^3			E(level): Unresolved. E(level): from (1971Wa21).
8.69×10^3			E(level): Unresolved. E(level): from (1971Wa21).
9.73×10^3			E(level): from (1971Wa21).
10.09×10^3			E(level): from (1971Wa21).
10.68×10^3			E(level): from (1971Wa21).
11.03×10^3			E(level): from (1971Wa21).
11.45×10^3			E(level): from (1971Wa21).
12.15×10^3 ? 5	290 keV 50		T=3/2 E(level): Γ : T: from (1971Wa21).
12.57×10^3 7	370 keV 90		T=3/2 E(level): Γ : T: from (1971Wa21).
12.65×10^3			E(level): from (1971Wa21).
13.92×10^3 5	260 keV 50		T=3/2 E(level): Γ : T: from (1971Wa21).
14.15×10^3			T=3/2 E(level): T: from (1971Wa21).
14.7×10^3			E(level): from (2004Ka53).