

$^{11}\text{B}(^6\text{Li},\alpha)$

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	J. H. Kelley, C. G. Sheu and J. E. Purcell		NDS 198,1 (2024)	1-Aug-2024

1965Ca05: $^{11}\text{B}(^6\text{Li},\alpha)$ $E \approx 5$ MeV; measured differential cross sections were measured at 15 angles in the laboratory. ^{13}C states were observed. Analyzed σ dependence on J.

1966Mc05: $^{11}\text{B}(^6\text{Li},\alpha)$ $E=4.72$ MeV; measured cross section. ^{13}C states have been observed.

 ^{13}C Levels

E(level) [†]	$\sigma(\text{mb})$ [†]	Comments
0 [‡]	0.36	
3090 [‡]	0.23	
3680 [‡]		E(level): Unresolved with 3850. $\sigma(\text{mb})$: $\sigma=1.91$ mb for $^{13}\text{C}^*(3680+3850)$.
3850 [‡]		E(level): Unresolved with 3680. $\sigma(\text{mb})$: $\sigma=1.91$ mb for $^{13}\text{C}^*(3680+3850)$.
6860 [‡]	1.16	
7500		E(level): Unresolved with 7550, 7690. $\sigma(\text{mb})$: $\sigma=2.27$ mb for $^{13}\text{C}^*(7500+7550+7690)$.
7550		E(level): Unresolved with 7500, 7690. $\sigma(\text{mb})$: $\sigma=2.27$ mb for $^{13}\text{C}^*(7500+7550+7690)$.
7690		E(level): Unresolved with 7500, 7550. $\sigma(\text{mb})$: $\sigma=2.27$ mb for $^{13}\text{C}^*(7500+7550+7690)$.
8860		
9500		
9900		

[†] From (1966Mc05).

[‡] Reported in (1965Ca05).