

$^{10}\text{B}(^6\text{Li},\alpha)$ 1966Mc05

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	J. H. Kelley, J. E. Purcell and C. G. Sheu		NP A968,71 (2017)	1-Jan-2017

1964Ca18: $^{10}\text{B}(^6\text{Li},\alpha)$ E=3.8 MeV, measured decay radiations.

1966Mc05: $^{10}\text{B}(^6\text{Li},\alpha)$ E=4.9 MeV, measured $\sigma(\theta)$.

1970GI05: $^{10}\text{B}(^6\text{Li},\alpha)$ E=5-10 MeV, measured $\sigma(E)$.

 ^{12}C Levels

E(level) [†]	Comments
0	
4.4×10^3	
7.7×10^3	
9.6×10^3	
11.8×10^3	
12.7×10^3	
15.11×10^3	T=1 At E(^6Li)=3.8 MeV, population of the the isospin forbidden $E_x=15.11$ MeV state is $(3 \pm 2)\%$ of the intensity to $^{12}\text{C}^*(12.71 \text{ MeV})$.

[†] From (1966Mc05).