

$^9\text{Be}(^6\text{Li},\alpha)$ [1961Ho19,1966Sa04,1968Ja08](#)

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

[1961Ho19](#): $^9\text{Be}(^6\text{Li},\alpha)$, measured not abstracted; deduced nuclear properties.

[1963No02](#): ^{11}B , measured not abstracted. Deduced nuclear properties.

[1964Ca18](#): ^{11}B , measured not abstracted. Deduced nuclear properties.

[1966Sa04](#): $^9\text{Be}(^6\text{Li},\alpha)$, measured not abstracted; deduced nuclear properties.

[1968Da20](#): $^9\text{Be}(^6\text{Li},\alpha)$ E=24.5 MeV, measured $\sigma(E_\alpha,\theta)$. ^{11}B deduced levels, L.

[1968Ja08](#): $^9\text{Be}(^6\text{Li},\alpha\gamma)$ E=3.5 MeV, measured $\sigma(E_\alpha,E_\gamma,\theta)$, $\sigma(E_t,E_\alpha)$, $\sigma(E_p,E_\alpha)$.

 ^{11}B Levels

E(level)	$T_{1/2}$	Comments
0		
2.12×10^3		E(level): from (1961Ho19,1966Sa04).
4.46×10^3		E(level): from (1961Ho19,1966Sa04).
5.02×10^3		E(level): from (1961Ho19,1966Sa04).
6.76×10^3		E(level): unresolved.
		E(level): from (1961Ho19,1966Sa04).
6.81×10^3		E(level): unresolved.
		E(level): from (1961Ho19,1966Sa04).
7.30×10^3		E(level): from (1961Ho19,1966Sa04).
7.99×10^3		E(level): from (1961Ho19,1966Sa04).
$8.57\times 10^3?$		E(level): from (1961Ho19,1966Sa04).
8.92×10^3		E(level): from (1966Sa04).
9.19×10^3		E(level): unresolved.
		E(level): from (1966Sa04).
9.27×10^3		E(level): unresolved.
		E(level): from (1966Sa04).
10.3×10^3		E(level): from (1968Ja08).
11.4×10^3		E(level): from (1968Ja08).
$\approx 12.6\times 10^3$	≈ 350 keV	E(level): Γ : from (1968Ja08).
		observed In $\alpha+\gamma$ coincidences for α -unbound ^{11}B states.
13.16×10^3		E(level): from (1968Ja08).
		observed In $\alpha+\gamma$ coincidences for α -unbound ^{11}B states.
$\approx 13.6\times 10^3$	≈ 300 keV	E(level): Γ : from (1968Ja08).
		observed In $\alpha+\gamma$ coincidences for α -unbound ^{11}B states.
14.0×10^3		E(level): from (1968Ja08).
		observed In $\alpha+\gamma$ coincidences for α -unbound ^{11}B states.