

Table 8.5 from (1974AJ01): ^8Be states with $16.6 < E_x < 18.3$ MeV ^a

E_x ^b (MeV \pm keV)	$\Gamma_{\text{c.m.}}$ (keV)	Reaction	Refs.
16.625 \pm 10	95 \pm 20	$^6\text{Li}(^3\text{He}, \text{p})$	(1961ER01)
	117 \pm 10	$^6\text{Li}(^3\text{He}, \text{p})$	(1969VI05)
16.627 \pm 5	113 \pm 3	$^7\text{Li}(^3\text{He}, \text{d})$	(1967MA12)
16.627 \pm 15	105 \pm 30	$^9\text{Be}(^3\text{He}, \alpha)$	(1961ER01)
16.635 \pm 15	96 \pm 20	$^9\text{Be}(^3\text{He}, \alpha)$	(1963DO08)
16.623 \pm 10	95 \pm 20	$^{10}\text{B}(\text{d}, \alpha)$	(1961ER01)
	90 \pm 5	$^{10}\text{B}(\text{d}, \alpha)$	(1971NO04)
16.627 \pm 4	107 \pm 3	mean	
16.931 \pm 10	85 \pm 20	$^6\text{Li}(^3\text{He}, \text{p})$	(1961ER01)
	85 \pm 10	$^6\text{Li}(^3\text{He}, \text{p})$	(1969VI05)
16.901 \pm 5	77 \pm 3	$^7\text{Li}(^3\text{He}, \text{d})$	(1967MA12)
	103 \pm 15	$^9\text{Be}(\text{p}, \text{d})$	(1967KU10)
16.914 \pm 12	88 \pm 25	$^9\text{Be}(^3\text{He}, \alpha)$	(1961ER01)
16.930 \pm 15	80 \pm 15	$^9\text{Be}(^3\text{He}, \alpha)$	(1963DO08)
16.919 \pm 10	85 \pm 20	$^{10}\text{B}(\text{d}, \alpha)$	(1961ER01)
	70 \pm 5	$^{10}\text{B}(\text{d}, \alpha)$	(1971NO04)
16.911 \pm 4	77 \pm 3	mean	
17.642 \pm 10	< 20	$^6\text{Li}(^3\text{He}, \text{p})$	(1961ER01)
17.642 \pm 1.5	10.7 \pm 0.5	$^7\text{Li}(\text{p}, \gamma)$	Table 8.6
17.636 \pm 10	< 15	$^9\text{Be}(^3\text{He}, \alpha)$	(1961ER01)
17.641 \pm 10		$^9\text{Be}(^3\text{He}, \alpha)$	(1963DO08)
17.642 \pm 1.5	10.7 \pm 0.5	best	
18.157 \pm 5	147	$^7\text{Li}(\text{p}, \gamma)$	Table 8.6
18.150 \pm 5 ^c	138 \pm 6	$^{10}\text{B}(\text{d}, \alpha)$	(1970CA12)
18.154 \pm 4	138 \pm 6	mean	

^a See also Table 8.11 in (1966LA04).

^b Based on listed Q_{m} .

^c Based on $E_x = 17.642$ MeV.