

Table 11.7 form (1985AJ01):
Threshold and resonances in ${}^7\text{Li}(\alpha, n){}^{10}\text{B}$ ^a

E_α (MeV \pm keV)	E_x (MeV \pm keV)
4.380 \pm 20	thresh.
[4.72] ^b	11.67 \pm 100
5.15 \pm 70 ^{c,d}	11.99 \pm 100
5.5	thresh.
7.10 ^{d,e}	13.15 \pm 100
[8.44]	14.04 \pm 100
[9.21]	14.53 \pm 50
10.14	15.12 \pm 100
[11.33]	(15.88 \pm 200)
11.90	thresh.
12.56	(16.7 \pm 300)
13.92	17.52 \pm 30
14.53	thresh.

^a For references see [Table 11.7 in \(1980AJ01\)](#).

^b See also [\(1981SE04\)](#); broad structure.

^c $J^\pi = \frac{3}{2}^-$ or $\frac{5}{2}^+$, $\Gamma_n \approx 300$ keV formed by $l_n = 0$ or 1 [comparison with [\${}^{10}\text{B}\(n, \alpha\)\$](#)], $\Gamma_{\text{lab}} = 220$ keV.

^d The n_0 yield shows the resonance at $E_\alpha \approx 5.2$ and 7.05 MeV: no others seen in the interval $4.5 < E_\alpha < 8$ MeV.

^e The width of this resonance is large.