

Table 11.7 from (1980AJ01):  
 Thresholds and resonances in  ${}^7\text{Li}(\alpha, n){}^{10}\text{B}$

(1959GI47)	(1963ME08)	
$E_\alpha$ (MeV $\pm$ keV)	$E_\alpha$ (MeV $\pm$ keV)	$E_x$ (MeV $\pm$ keV)
	4.380 $\pm$ 20	thresh.
	[4.72]	11.67 $\pm$ 100
5.15 $\pm$ 70 <sup>a</sup>	[5.22] <sup>c</sup>	11.99 $\pm$ 100
(5.64)	5.5	thresh.
7.15 <sup>b</sup>	7.05 <sup>c</sup>	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.

<sup>a</sup>  $J^\pi = \frac{3}{2}^-$  or  $\frac{5}{2}^+$ ,  $\Gamma_n \approx 20$  keV,  $\Gamma_\alpha \approx 300$  keV formed by  $l_n = 0$  or 1 (1959GI47) [comparison with  ${}^{10}\text{B}(n, \alpha)$ ],  $\Gamma_{\text{lab}} = 220$  keV (1957BI84).

<sup>b</sup> The width of this resonance is large.

<sup>c</sup> The  $n_0$  yield shows the resonances at  $E_\alpha \approx 5.2$  and 7.05 MeV: no others are seen in the interval  $4.5 < E_\alpha < 8$  MeV (1972VA02).