

Table 11.10 from (1990AJ01): Resonances in  $^{10}\text{B} + \text{n}$  <sup>a</sup>

$^{10}\text{B}(\text{n}, \text{n}'\gamma)^{10}\text{B}$		$^{10}\text{B}(\text{n}, \alpha)^7\text{Li}$		Yield of	$^{11}\text{B}^*$ (MeV)
$E_{\text{res}}$ (MeV)	$\Gamma$ (keV)	$E_{\text{res}}$ (MeV)	$\Gamma$ (keV)		
		0.23 <sup>b</sup>		$\sigma_{\text{t}}, \alpha$	11.66
		0.53 <sup>b, c</sup>	140	$\sigma_0, \alpha_1$	11.94
1.93	260	1.86	570	$\sigma_{\text{t}}, \alpha_0, \alpha_1, \text{t}, \text{n}'$	13.2
(2.6)	broad	2.79	530	$\sigma_{\text{t}}, \alpha_0, \alpha_1, \text{n}'$	14.0
3.31	370	3.43	< 120	$\alpha_0, \text{t}, \text{n}'$	14.57
4.1		4.1	800	$\sigma_{\text{t}}, \alpha_0, \alpha_1, \text{n}'$	15.2
4.73				$\text{n}'$	15.75
		5.7	broad	$\alpha_0, \text{t}$	16.6
		6.4	broad	$\alpha_0, \text{t}$	17.3

<sup>a</sup> See also [Table 11.11](#). For references see [Table 11.12 in \(1980AJ01\)](#).

<sup>b</sup> (1984OL05) [see [reaction 21](#)] report  $E_{\text{R}} = 241 \pm 18$  and  $493 \pm 4$  keV,  $\Gamma = 166 \pm 40$  and  $194 \pm 6$  keV:  $E_{\text{x}}$  are then 11.673 and 11.902 MeV.

<sup>c</sup> See footnote <sup>b</sup> in [Table 11.11](#).