

Table 11.12 from (1980AJ01): Resonances in  $^{10}\text{B} + \text{n}$  <sup>a</sup>

$^{10}\text{B}(\text{n}, \text{n}'\gamma)^{10}\text{B}$ (1960DA08)		$^{10}\text{B}(\text{n}, \alpha)^7\text{Li}$ (1961DA16)		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>f</sup>	140	$\alpha_0, \alpha_1$	11.94
1.93	260	1.86 <sup>e</sup>	570	$\sigma_{\text{t}}^{\text{c}}, \alpha_0, \alpha_1, \text{t}, \text{n}'$	13.2
(2.6)	broad	2.79	530	$\sigma_{\text{t}}^{\text{c}}, \alpha_0, \alpha_1, \text{n}'$	14.0
3.31	370	3.43	< 120	$\alpha_0, \text{t}, \text{n}'$	14.57
4.1		4.1	800	$\sigma_{\text{t}}^{\text{c}}, \alpha_0, \alpha_1, \text{n}'$	15.2
4.73		<sup>d</sup>		$\text{n}'$	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 11.13](#).

<sup>b</sup> (1951BO45, 1966MO09, 1970NE03).

<sup>c</sup> (1951BO45). See also (1979AU07).

<sup>d</sup> (1961FO07).

<sup>e</sup>  $J^\pi \geq \frac{11}{2}^+$  (1961DA16). See, however, [Table 11.13](#).

<sup>f</sup> See footnote <sup>c</sup> in [Table 11.13](#).