

Table 13.15 fromj (1986AJ01): Structures in  $^{10}\text{B} + ^3\text{He}$  <sup>a</sup>

$E_{\text{res}}$ (MeV $\pm$ keV)	$\Gamma$ (keV)	Res. in	$^{13}\text{N}^*$ (MeV)
2.1	500	p <sub>0</sub> , (p <sub>1</sub> )	23.3
2.85 $\pm$ 50	450 $\pm$ 50	$\gamma_{15.1}$	23.83
3.6	700	p <sub>0</sub> , p <sub>1</sub>	24.4
3.9	120	p <sub>0</sub>	24.6
(4.6)	150	p <sub>0</sub> , (p <sub>1</sub> )	(25.2)
5.2 $\pm$ 100	240 $\pm$ 80	p <sub>0</sub> , $\gamma_{15.1}$ , p <sub>2</sub> , p <sub>3</sub>	25.6
5.6	1000 <sup>c</sup>	(n), p <sub>0</sub> , p <sub>2</sub> , p <sub>3</sub> , $\gamma_{12.7}$ , $\gamma_{15.1}$ , d <sub>0</sub> , $\alpha_0$	25.9
8.5	<sup>d</sup>	( $\gamma_0$ ), p <sub>0</sub> , $\gamma_{12.7}$ , $\gamma_{15.1}$ , ( $\alpha_0$ )	28
13.5 <sup>b</sup>	$\approx$ 2000	( $\gamma_0$ ), d <sub>4+5</sub> , $\alpha_1$	32

<sup>a</sup> For references and comments see [Table 13.19 in \(1981AJ01\)](#).

<sup>b</sup> This may correspond to more than one state.

<sup>c</sup>  $J \geq \frac{3}{2}$ .

<sup>d</sup>  $J \geq \frac{7}{2}$ .