

Table 13.9 from (1991AJ01): Resonant structure in $^{11}\text{B} + \text{d}$ ^a

Resonant structure in yield of (MeV \pm keV)							$\Gamma_{\text{c.m.}}$ (keV)	E_x (MeV)
γ_0	n_0	n_1	n_2	n_3	$\gamma_{15.1}$	α ^b		
2.0 ± 100 ^c		1.2						19.7 ^d
		1.45					≈ 600	19.90
		1.6	1.8				≈ 200	20.24
			2.2			2.180 ± 10	116 ± 10	20.4
						3.080 ± 15	159 ± 15	20.52
4.0 ± 100 ^c		3.6				3.71 ± 20	114 ± 21	21.28
		4.23	4.0	4.1		4.4	≈ 1000	21.81
			(5.2)					22.1
		9.6	9.6	9.6	9.6			(23.1)
		10.4		10.4	10.4			26.8
								27.5

^a For references see [Table 13.10 in \(1981AJ01\)](#).

^b Yield of $\alpha_0, \alpha_1, \alpha_2, \alpha_3$.

^c ([1981KA16](#)): part of the GDR. More recent work (see [reaction 15](#)) suggests two states at $E_x = 20.20 \pm 0.07$ and 20.57 ± 0.84 MeV with $\Gamma_{\text{c.m.}} = 0.56 \pm 0.09$ and 5.64 ± 0.43 MeV, respectively ([1985AU10](#)).

^d $J^\pi = \frac{5}{2}^-$ is suggested.