

Table 12.22 from (1980AJ01): Neutron groups from $^{10}\text{B}(^3\text{He}, \text{n})^{12}\text{N}$ ^a

E_x (MeV \pm keV)		L	$\Gamma_{\text{c.m.}}$ (keV)	
(1966ZA01)	(1974FU11)	(1974FU11)	(1966ZA01)	(1974FU11) ^d
g.s.	g.s.	2	sharp	20 ± 20
0.959 ± 20	0.960 ± 12	2	< 50	16 ± 20
1.24 ± 30	1.189 ± 12	1	140 ± 40	140 ± 30
(1.72 ± 0.08)				
2.4 ± 100	(2.40 ± 60)			
3.14 ± 80	3.114 ± 15	2	280 ± 80	180 ± 40
3.57 ± 80	3.533 ± 15	2	270 ± 80	120 ± 40
	4.250 ± 30 ^b			290 ± 70 ^b
	5.320 ± 12	(0)		180 ± 20
	^c			
	7.629 ± 20			200 ± 40
	8.446 ± 17			90 ± 30
	9.035 ± 12			16 ± 20

^a See also [Tables 12.29 in \(1968AJ02\)](#) and [12.26 in \(1975AJ02\)](#).

^b May be due to unresolved states.

^c States at $E_x = 6.4, 6.9, 7.7$ and 9.2 MeV are reported to be involved in the sequential decay at $E(^3\text{He}) = 11$ MeV ([1970BO39](#)). See also [Table 12.23](#).

^d T.G. Masterson, private communication.