

Table 13.16 from (1986AJ01): States of ^{13}N from $^{11}\text{B}(^3\text{He}, n)^{13}\text{N}$ ^a

E_x (MeV \pm keV)	$\Gamma_{\text{c.m.}}$ (keV)	L	J^π
0		2	$\frac{1}{2}^-$
2.358 \pm 10		1	$\frac{1}{2}^+$
3.502 \pm 10		0, 2	$\frac{3}{2}^-$
3.55 \pm 18			
6.353 \pm 9		1, 3	$\frac{5}{2}^+$
6.875 \pm 10		1, 3	$\frac{3}{2}^+$
7.145 \pm 9		3, 5	$\frac{7}{2}^+$
7.363 \pm 8		2, 4	$\frac{5}{2}^-$
8.2 \pm 22			
8.918 \pm 11			
9.476 \pm 8		0, 2	$\frac{3}{2}^-$
10.381 \pm 8		2, 4	$\frac{5}{2}^-$
10.833 \pm 9			
11.530 \pm 12			
11.878 \pm 12		0, 2	$\frac{3}{2}^-$
12.558 \pm 23	> 400		
12.937 \pm 24	> 400		
15.068 \pm 8 ^b	< 15		$\frac{3}{2}^-; T = \frac{3}{2}$
18.44 \pm 40			$T = \frac{3}{2}$
18.98 \pm 20	40 \pm 20		$T = \frac{3}{2}$

^a For references see [Table 13.20 in \(1981AJ01\)](#).

^b See also [Table 13.6](#).