

Table 19.25 from (1987AJ02):
 ^{19}Ne levels from $^{20}\text{Ne}(^3\text{He}, \alpha)$ ^a

E_x (MeV \pm keV)	l_n	J^π	E_x (MeV \pm keV)
0	0	$\frac{1}{2}^+$	6.862 ± 7
0.23834 ± 0.15	2	$\frac{5}{2}^+$	7.067 ± 9
0.27530 ± 0.2	1	$\frac{1}{2}^-$	(7.178 ± 15)
1.5040 ± 3		$(\frac{5}{2}^-)$	7.253 ± 10
1.5324 ± 3		$(\frac{3}{2})^+$	(7.326 ± 15)
1.6115 ± 3	1	$(\frac{3}{2})^-$	(7.531 ± 15)
2.7917 ± 3	4, 5	$(\frac{9}{2})^+$	7.614 ± 20
4.036 ± 10	2	$(\frac{3}{2}, \frac{5}{2})^+$	7.700 ± 10
4.142 ± 10			(7.788 ± 10)
4.200 ± 10			7.994 ± 15
4.379 ± 10			8.063 ± 15
4.551 ± 10	1	$(\frac{1}{2}, \frac{3}{2})^-$	8.236 ± 10^b
4.625 ± 10			8.440 ± 10
4.712 ± 10			8.523 ± 10
4.783 ± 20			(8.810 ± 25)
5.089 ± 7			8.915 ± 10
5.351 ± 10	0	$\frac{1}{2}^+$	9.013 ± 10
5.424 ± 7			9.100 ± 20
5.463 ± 20			9.240 ± 20
5.539 ± 9			9.489 ± 25
5.832 ± 9			9.886 ± 50^b
6.013 ± 7	1	$(\frac{3}{2}, \frac{1}{2})^-$	10.407 ± 30^b
6.094 ± 8			10.613 ± 20
6.149 ± 20			
6.289 ± 7			
6.437 ± 9			
6.742 ± 7	1	$(\frac{3}{2}, \frac{1}{2})^-$	

^a See [Table 19.27 of \(1978AJ03\)](#) for additional results and for a listing of the references.

^b Unresolved states.