Table 19.32 from (1995TI07): ^{19}Ne levels from ^{20}Ne(^{3}He, α) [a]

E_x (MeV ± keV)	l_n	J^π	E_x (MeV ± keV)	l_n	J^π
0	0	$\frac{1}{2}^+$	6.862 ± 7		
0.2384 ± 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.