

Table 19.25 from (1978AJ03): Excited states of ^{19}Ne from $^{16}\text{O}(\alpha, n)^{19}\text{Ne}$ and $^{19}\text{F}(p, n)^{19}\text{Ne}$ ^a

E_x (keV)			J^π ^c
(1970GI09)	(1971IT02)	(1977LE03)	
238.2 ± 0.2	236.8 ± 0.7		
275.1 ± 0.2	273.9 ± 0.7		
1507.9 ± 0.4	1506.1 ± 0.8 ^b	1507.8 ± 0.6	$\frac{5}{2}^-$
1536.3 ± 0.5	1534.7 ± 0.7 ^b	1536.6 ± 0.6	$\frac{3}{2}^+$
1615.5 ± 0.7		1615.7 ± 0.6	$\frac{3}{2}^-$
2794.6 ± 1.5		2794.7 ± 0.6	$\frac{9}{2}^+$

^a See also [Table 19.24 in \(1972AJ02\)](#).

^b Observed via $E_\gamma = 1232.2 \pm 0.2$ and 1297.9 ± 0.4 keV (transitions $1.51 \rightarrow 0.28$ and $1.54 \rightarrow 0.24$, respectively) (1971IT02).

^c (1970GI09).