

Table 19.4 from (1972AJ02): Resonances in $^{18}\text{O}(n, n)^{18}\text{O}$ ^a

E_{res} (MeV \pm keV)	$\Gamma_{\text{c.m.}}$ (keV)	$^{19}\text{O}^*$ (MeV)	J^π	Refs.
0.661 \pm 10	52 \pm 3	4.583	$\frac{3}{2}^-$	(1964DO08, 1965VA03)
1.192 \pm 10	49 \pm 5	5.086	$\frac{1}{2}^-$	(1964DO08, 1965VA03)
1.256 \pm 10	3.4 \pm 1.0	5.146	$\frac{3}{2}$	(1965VA03)
1.56	470 \pm 80	5.43	$\frac{5}{2}^+$	(1964DO08, 1965VA03)
1.66	380 \pm 100	5.53	$(\frac{1}{2}^-)$	(1964DO08)
1.840 \pm 10	7.8 \pm 1.4	5.699	$\frac{3}{2}$	(1965VA03)
2.30	150 \pm 40	6.13	$\frac{3}{2}^+$	(1964DO08, 1965VA03)
2.37	140 \pm 40	6.20	$\frac{1}{2}^-$	(1964DO08, 1965VA03)
2.445 \pm 10	19.2 \pm 2.4	6.272	$\frac{7}{2}^-$	(1964DO08, 1965VA03)
\approx 2.58		(6.40)		(1965SA24)
(2.63)		(6.45)		(1965SA24)

^a See also (1959SC30, 1965SA24) for evidence of additional structures.