

Table 19.4 from (1978AJ03): 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 ± 10	52 ± 3	4.583	$\frac{3}{2}^-$	(1965VA03, 1964DO08)
1.192 ± 10	49 ± 5	5.086	$\frac{1}{2}^-$	(1965VA03, 1964DO08)
1.256 ± 10	3.4 ± 1.0	5.146	$\frac{3}{2}^+$	(1965VA03)
1.45	330	5.33	$\frac{3}{2}^+$	(1965VA03, 1973DO05)
1.60	280	5.47	$\frac{5}{2}^+$	(1973DO05)
1.840 ± 10	7.8 ± 1.4	5.699	$\frac{3}{2}^-$	(1965VA03)
2.30	190	6.13	$\frac{3}{2}^+$	(1965VA03, 1964DO08, 1973DO05)
2.37	120	6.20	$\frac{1}{2}^-$	(1965VA03, 1964DO08, 1973DO05)
2.445 ± 10	19.2 ± 2.4	6.272	$\frac{7}{2}^-$	(1965VA03, 1964DO08)
≈ 2.58		(6.40)		(1965SA24)
(2.63)		(6.45)		(1965SA24)

^a See also (1959SC30, 1965SA24, 1976GAYV) for evidence of additional structures.