

Table 19.5 from (1983AJ01):
Resonances in $^{18}\text{O}(n, n)^{18}\text{O}$ ^a

E_{res} (MeV \pm keV)	Γ_{cm} (keV)	$^{19}\text{O}^*$ (MeV)	J^π
0.661 \pm 10	52 \pm 3	4.583	$\frac{3}{2}^-$
1.192 \pm 10	49 \pm 5	5.086	$\frac{1}{2}^-$
1.256 \pm 10	3.4 \pm 1.0	5.146	$\frac{3}{2}^-$
1.45	330	5.33	$\frac{3}{2}^+$
1.60	280	5.47	$\frac{5}{2}^+$
1.840 \pm 10	7.8 \pm 1.4	5.699	$\frac{3}{2}^-$
2.30	190	6.13	$\frac{3}{2}^+$
2.37	120	6.20	$\frac{1}{2}^-$
2.445 \pm 10	19.2 \pm 2.4	6.272	$\frac{7}{2}^-$
\approx 2.58		(6.40)	
(2.63)		(6.45)	

^a See [Table 19.4 in \(1978AJ03\)](#) for references.