

Table 17.4 from (1959AJ76): Resonances in  $^{16}\text{O}(n, n)^{16}\text{O}$ 

$E_n$ (MeV $\pm$ keV)	$\Gamma_{\text{lab}}$ (keV)	$l_n$	$J^\pi$	$E_x$ in $^{17}\text{O}$ (MeV)	Refs.
0.433 $\pm$ 4	41 $\pm$ 3	1	$\frac{3}{2}^-$	4.554	(1955OK01, 1958HU18)
0.998 $\pm$ 8	96 $\pm$ 5	2	$\frac{3}{2}^+$	5.085	(1958HU18, 1958LA09, 1958ST28)
1.310 $\pm$ 8	33 $\pm$ 4	1	$\frac{3}{2}^-$	5.379	(1958HU18, 1958ST28)
1.651 $\pm$ 6	$\leq$ 7	$\geq$ 1	$\frac{7}{2}^-$	5.700	(1958HU18, 1958LA09)
1.830 $\pm$ 6	$\leq$ 8	$\geq$ 1	$\geq \frac{3}{2}$	5.868	(1958HU18)
1.903 $\pm$ 11	28 $\pm$ 5	1	$\frac{1}{2}^-$	5.937	(1952BA1D, 1958HU18)
2.370 $\pm$ 20	140	0	$\frac{1}{2}^+$	6.377	(1952BA1D, 1958HU18)
3.330 $\pm$ 30	220	2	$\frac{3}{2}^+$	7.28	(1952BA1D, 1958HU18)
3.750 $\pm$ 20	$<$ 100			7.68	(1957WA46, 1958HU18)
(3.800)	800	1	$(\frac{3}{2}^-)$	(7.72)	(1952BA1D, 1958HU18)
4.190 $\pm$ 20	$<$ 100			8.09	(1957WA46, 1958HU18)
4.320 $\pm$ 20	$<$ 100			8.21	(1952BA1D, 1957WA46, 1958HU18)
4.440 $\pm$ 20	$<$ 100			8.32	(1956BE98, 1957WA46, 1958HU18)
4.53			$\geq \frac{3}{2}$	8.41	(1956BE98)
4.59				8.47	(1956BE98)
4.62			$\geq \frac{3}{2}$	8.49	(1956BE98)
4.85				8.71	(1956BE98)
5.08				8.93	(1956BE98)
5.13				8.97	(1956BE98)
5.37				9.20	(1956BE98)
5.7				9.5	(1958HU18)
5.9				9.7	(1958HU18)
6.4				10.2	(1958HU18)
6.8				10.5	(1958HU18)
7.2				10.9	(1958HU18)
7.8				11.5	(1956BE98, 1958HU18)
8.4				12.1	(1956BE98, 1958HU18)