

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)