

Table 17.14 from (1982AJ01): Transition probabilities and ground state radiative widths from $^{17}\text{O}(e, e)^a$

E_x (MeV)	$J\pi^a$	Mult.	$\Gamma_{\gamma_0}(\text{C}\lambda)$ (eV)	$B(\text{C}\lambda \uparrow)$ ($e^2 \cdot \text{fm}^{2\lambda}$)	Mult.	$\Gamma_{\gamma_0}(\text{M}\lambda)$ (eV)	$B(\text{M}\lambda \uparrow)$ ($e^2 \cdot \text{fm}^{2\lambda}$)
0.87	$\frac{1}{2}1^+$	C2					
3.06	$\frac{1}{2}1^-$	C3	$(8.7 \pm 1.7) \times 10^{-8}$	31 ± 6			
3.84	$\frac{3}{2}3^-$	C3	$(7.1 \pm 0.3) \times 10^{-7}$	153 ± 6	M2	$(4.6 \pm 1.8) \times 10^{-3}$	$(5 \pm 2) \times 10^{-2}$
4.55	$\frac{3}{2}3^-$	C3	$(2.2 \pm 0.2) \times 10^{-6}$	98 ± 8	M2	$(1.8 \pm 0.7) \times 10^{-2}$	$(5.4 \pm 2.1) \times 10^{-2}$
5.09	$\frac{3}{2}3^+$	C2	$(1.0 \pm 0.3) \times 10^{-2}$	2.5 ± 0.7			
5.22	$(\frac{5}{2}0^-)$	C3	$(8.5 \pm 0.3) \times 10^{-6}$	360 ± 11	M2	$< 1 \times 10^{-2}$	$< 4 \times 10^{-2}$
5.38	$\frac{3}{2}3^-$	C3	$(3.3 \pm 0.9) \times 10^{-6}$	45 ± 12	M2	$(4.5 \pm 2.2) \times 10^{-2}$	$(6 \pm 3) \times 10^{-2}$
5.70	$\frac{3}{2}3^-$	C3	$(1.5 \pm 0.2) \times 10^{-5}$	270 ± 32	M2	0.15 ± 0.10	0.3 ± 0.2
5.94	$\frac{1}{2}1^-$	C3	$(5.0 \pm 2.9) \times 10^{-6}$	17 ± 10			
6.36	$\frac{1}{2}1^+$	C2	$(5.3 \pm 3.3) \times 10^{-2}$	2.1 ± 1.3			
6.86 ^c	$(\frac{1}{2}1^-)$	C3	$(1.2 \pm 0.3) \times 10^{-4}$	147 ± 34			
6.97 ^c	$(\frac{3}{2}0^+)$	C2	$(2.5 \pm 1.3) \times 10^{-2}$	1.9 ± 1.0			
7.38 ^c } 7.38 ^c }	$\frac{5}{2}5^+$ $\frac{3}{2}3^-$	CO, or C2 C3	$(6.3 \pm 1.8) \times 10^{-2}$ $(2.1 \pm 1.7) \times 10^{-5}$	5.5 ± 1.0 3.6 ± 1.0 47 ± 38			
7.58	$\frac{7}{2}^-$	C1 C3	$(7.8 \pm 2.0) \times 10^{-2}$ $(4.3 \pm 1.0) \times 10^{-5}$	26 ± 7 109 ± 26			
7.76	$(\frac{11}{2}^-)$	C3	$(1.16 \pm 0.05) \times 10^{-4}$	369 ± 15			
8.35 ^c } 8.40 ^c } 8.47 ^c } 8.50 ^c }	$\frac{1}{2}1^+$ $\frac{3}{2}3^+$ $\frac{3}{2}3^+$ $\frac{3}{2}3^-$	CO, or C2		7.6 ± 1.4 8.3 ± 2.6			

^a (1978KI01). See also Table 17.15 in (1977AJ02).

^b Used to evaluate the widths.

^c These levels were unresolved and were analyzed as a group.