

Table 15.17 from (1981AJ01):
Ground state radiative widths ^a from ¹⁵N(e, e')

E_x (MeV \pm keV)	J^π	Trans.	Γ_{γ_0} (eV)	$B(\lambda) \uparrow$ ($e^2 \cdot \text{fm}^{2L}$)
5.27	$\frac{5}{2}^+$	E3	$(4.2 \pm 0.3) \times 10^{-6}$	4.40 ± 40
		M2	$(1.2 \pm 0.7) \times 10^{-4}$	0.30 ± 0.07
5.30	$\frac{1}{2}^+$	E1	2.2 ± 2.3	
6.32	$\frac{3}{2}^-$	E2	0.060 ± 0.004^b	14.8 ± 1.0
		M1	1.9 ± 0.4	
7.16	$\frac{5}{2}^+$	E3	$(0.86 \pm 0.10) \times 10^{-5}$	
7.30	$\frac{3}{2}^+$	E1	2.6 ± 1.0	
		M2	$(0.3 \pm 0.2) \times 10^{-5}$	
7.57	$\frac{7}{2}^+$	E3	$(1.84 \pm 0.16) \times 10^{-5}$	
9.152	$\frac{3}{2}^-$	E2	0.095 ± 0.005^c	3.85 ± 0.2
		M1	0.2 ± 0.8	
9.76	$\frac{5}{2}^-$	E2	0.20 ± 0.05	8.4 ± 2.1
10.8	$\frac{3}{2}^+$	M2	$(1.8 \pm 0.8) \times 10^{-2}$	
11.88	$\frac{3}{2}^-$	E2	0.44 ± 0.10	4.6 ± 1
		M1	4.4 ± 3.8	
12.5	$\frac{5}{2}^+$	M2	$(5.2 \pm 2.0) \times 10^{-2}$	
(13.98) ^d				
14.7	$\frac{5}{2}^-$	E2	1.8 ± 0.2	
20.10 ^d				
23.25 ^d				

^a (1975KI08, 1975KI09, 1977AN25, 1977MA42, 1978AN12). See also Tables 15.4 and 15.5.

^b $\delta(\text{E2/M1}) = 0.16 \pm 0.03$.

^c $\delta(\text{E2/M1}) > 0.3$.

^d See also (1980SI1F) and the text.