

Table 15.16 from (1976AJ04): Ground state radiative widths from  $^{15}\text{N}(e, e')^{15}\text{N}$  <sup>a</sup>

State in $^{15}\text{N}$	$J^\pi$	Transition	$\Gamma_{\gamma_0}$ (eV)	$B(\text{E3})\uparrow$ ( $e^2 \cdot \text{fm}^6$ )	Mixing ratio $\delta(\text{E2/M1})$
5.27	$\frac{5}{2}^+$	E3	$(4.2 \pm 0.3) \times 10^{-6}$	293 ± 20	0.16 ± 0.03 <sup>c</sup>
		M2	$(1.2 \pm 0.7) \times 10^{-4}$		
5.30	$\frac{1}{2}^+$	E1	2.2 ± 2.3		
6.32 <sup>b</sup>	$\frac{3}{2}^-$	E2	0.050 ± 0.004		
		M1	1.9 ± 0.4		
7.16	$\frac{5}{2}^+$	E3	$(0.86 \pm 0.10) \times 10^{-5}$	71 ± 8	
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	$(1.84 \pm 0.16) \times 10^{-5}$	136 ± 12	
9.15	$\frac{3}{2}^-$	E2	0.095 ± 0.005		
		M1	0.2 ± 0.8		

<sup>a</sup> (1975KI08, 1975KI09). See also Tables 15.5 and 15.6.

<sup>b</sup> See also (1968BE14).

<sup>c</sup> 0.137 ± 0.005 (1975MO28: ( $\gamma, \gamma$ )).