

Table 15.22 from (1970AJ04): Radiative decays in ^{15}O

E_i (MeV)	J_i^π	E_f (MeV)	J_f^π	Branch (%)	Γ_γ ^a (eV)	Refs.
6.18	$\frac{3}{2}^-$	0	$\frac{1}{2}^-$	100		(1965WA16)
		5.18	$\frac{1}{2}^+$	< 2.5		(1965WA16)
		5.24	$\frac{5}{2}^+$	< 2.5		(1965WA16)
6.79	$\frac{3}{2}^+$	0	$\frac{1}{2}^-$	100		(1965WA16, 1968GI11)
		5.18	$\frac{1}{2}^+$	< 6		(1965WA16)
				< 3		(1968GI11)
		5.24	$\frac{5}{2}^+$	< 6		(1965WA16)
				< 3		(1968GI11)
6.86	$\frac{5}{2}^+$	6.18	$\frac{3}{2}^-$	< 7		(1965WA16)
		0	$\frac{1}{2}^-$	< 10		(1965WA16)
				< 12		(1968GI11)
		5.18	$\frac{1}{2}^+$	< 15		(1965WA16)
				< 4		(1968GI11)
		5.24	$\frac{5}{2}^+$	100		(1965WA16, 1968GI11)
7.28	$\frac{7}{2}^+$	6.18	$\frac{3}{2}^-$	< 0.4		(1965WA16)
		0	$\frac{1}{2}^-$	< 30		(1965WA16)
				< 12		(1968GI11)
				3.8 ± 1.2		(1969KU01)
		5.18	$\frac{1}{2}^+$	< 10		(1965WA16)
				< 4		(1968GI11)
		5.24	$\frac{5}{2}^+$	100		(1965WA16, 1968GI11)
				96.2 ± 1.2		(1969KU01)
7.55	$\frac{1}{2}^+$	6.18	$\frac{3}{2}^-$	< 2		(1965WA16)
		0	$\frac{1}{2}^-$	≈ 3		(1960TA17)
				3.5 ± 0.5		(1963HE11)
		5.18	$\frac{1}{2}^+$	16.2 ± 2		(1960TA17)
				15.8 ± 0.6		(1963HE11)
		6.18	$\frac{3}{2}^-$	57.9 ± 0.6		(1960TA17)
		57.4 ± 0.6		(1963HE11)		
		6.79	$\frac{3}{2}^+$	22.9 ± 2		(1960TA17)
				23.3 ± 0.6		(1963HE11)

Table 15.22 from (1970AJ04): Radiative decays in ^{15}O (continued)

E_i (MeV)	J_i^π	E_f (MeV)	J_f^π	Branch (%)	Γ_γ ^a (eV)	Refs.
8.28	$\frac{3}{2}^+$	6.86	$\frac{5}{2}^+$	b		
		0	$\frac{1}{2}^-$	53.8 ± 0.25	0.531	(1966EV01)
		5.24	$\frac{5}{2}^+$	42.7 ± 0.5	0.405	(1966EV01)
		6.18	$\frac{3}{2}^-$	2.2 ± 0.6	0.021	(1966EV01)
		6.86	$\frac{5}{2}^+$	1.2 ± 0.3	0.011	(1966EV01)
8.74 ^c	$\frac{1}{2}^+$	5.18	$\frac{1}{2}^+$	67	0.32	(1966EV01)
		6.18	$\frac{3}{2}^-$	33	0.16	(1966EV01)
		8.92	$\frac{1}{2}^-$	0	21 ± 2	0.056
8.98	$\frac{1}{2}^-$	5.18	$\frac{1}{2}^+$	23 ± 6	0.094	(1966EV01)
		6.18	$\frac{3}{2}^-$	30 ± 3	0.094	(1966EV01)
		6.86	$\frac{5}{2}^+$	26 ± 3	0.069	(1966EV01)
		0	$\frac{1}{2}^-$	93.4	0.74	(1966EV01)
9.49	$\frac{5}{2}^-$	5.18	$\frac{1}{2}^+$	5.9	0.046	(1966EV01)
		0	$\frac{1}{2}^-$	86	2.1	(1967EV02)
9.50	$\frac{3}{2}^+(\frac{1}{2}^+)$	5.24	$\frac{5}{2}^+$	6.5	0.15	(1967EV02)
		6.18	$\frac{3}{2}^-$	0.7	0.22	(1967EV02)
		6.86	$\frac{5}{2}^+$	3.4	0.08	(1967EV02)
		7.28	$\frac{7}{2}^+$	5.1	0.11	(1967EV02)
		0	$\frac{1}{2}^-$	≈ 100		(1967EV02)
9.60	$\frac{3}{2}^-$	0	$\frac{1}{2}^-$	79	4.0	(1967EV02)
		5.24	$\frac{5}{2}^+$	19	1.0	(1967EV02)
		6.18	$\frac{3}{2}^-$	2	0.1	(1967EV02)

^a (1951DU08, 1966EV01). See also (1959HE47).

^b Intensity < 25% of transition to $^{15}\text{O}^*(6.79)$ (1959PO79).

^c See also (1959HE47).