Table 15.19 from (1976AJ04): Radiative decays in ^{15}O [a]

E_i (MeV)	J_i^π	E_f (MeV)	J_f^π	Branch (%)	δ [b]	Refs.
5.24	$\frac{5}{2}^+$	0	$\frac{1}{2}^-$	100	$+0.08 \pm 0.08$ (E3/M2)	(1971AV04)
6.18	$\frac{3}{2}^-$	0	$\frac{1}{2}^-$	100	-0.141 ± 0.016	(1965WA16, 1974KE02)
					-0.121 ± 0.008 (E2/M1)	(1971AV04)
		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	-0.02 ± 0.02 (M2/E1)	(1965WA16, 1968GI11, 1971AV04)
		5.18	$\frac{1}{2}^+$	< 3		(1968GI11)
		5.24	$\frac{5}{2}^+$	< 3		(1968GI11)
		6.18	$\frac{3}{2}^-$	< 7		(1965WA16)
6.86	$\frac{5}{2}^+$	0	$\frac{1}{2}^-$	< 10		(1965WA16)
		5.18	$\frac{1}{2}^+$	< 4		(1968GI11)
		5.24	$\frac{5}{2}^+$	100	$+0.04 \pm 0.03$ (E2/M1)	(1965WA16, 1968GI11, 1971AV04)
		6.18	$\frac{3}{2}^-$	< 0.4		(1965WA16)
7.28	$\frac{7}{2}^+$	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)
		6.18	$\frac{3}{2}^-$	< 2		(1965WA16)
7.56	$\frac{1}{2}^+$	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 15.19 from (1976AJ04): Radiative decays in ^{15}O [a] (continued)

E_i (MeV)	J_i^π	E_f (MeV)	J_f^π	Branch (%)	δ [b]	Refs.
		6.86	$\frac{5}{2}^+$	[d]	Γ_γ (eV)	
8.28	$\frac{3}{2}^+$	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)
8.922 [e]	$(\frac{5}{2}^+)$	0	$\frac{1}{2}^-$	9 ± 4		(1972KR14)
		5.18	$\frac{1}{2}^+$	39 ± 3		(1972KR14)
		6.18	$\frac{3}{2}^-$	24 ± 3		(1972KR14)
		6.86	$\frac{5}{2}^+$	28 ± 3		(1972KR14)
8.927 [e]	$(\frac{1}{2}^-)$	0	$\frac{1}{2}^-$	50 ± 25		(1972KR14)
		5.18	$\frac{1}{2}^+$	20 ± 10		(1972KR14)
		6.18	$\frac{3}{2}^-$	20 ± 10		(1972KR14)
		6.86	$\frac{5}{2}^+$	10 ± 10		(1972KR14)
8.982 [e]	$(\frac{3}{2})^-$	0	$\frac{1}{2}^-$	94 ± 1		(1972KR14)
		5.18	$\frac{1}{2}^+$	6 ± 1		(1972KR14)
		6.18	$\frac{3}{2}^-$	< 1		(1972KR14)
		6.86	$\frac{5}{2}^+$	< 1		(1972KR14)
9.49	$\frac{5}{2}^-$	0	$\frac{1}{2}^-$	86	2.1	(1967EV02)
		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)
9.50 [f]	$\frac{3}{2}^+(\frac{1}{2}^+)$	0	$\frac{1}{2}^-$	≈ 100		(1967EV02)
9.61	$\frac{3}{2}^-$	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)
10.29 [f]		γ mainly to ^{15}O*(5.24, 6.18, 6.79, 6.86)				(1972KU1J, 1971SH1D; abstracts)
10.48	$(\frac{3}{2})^-$	γ mainly to ^{15}O*(5.24)				(1972KU1J, 1971SH1D; abstracts)
10.51	$(\frac{3}{2})^+$	γ mainly to ^{15}O*(5.24)				(1972KU1J, 1971SH1D; abstracts)
10.94	$\frac{1}{2}^+$	0	$\frac{1}{2}^-$	44 ± 8	14 ± 4	(1972PH02)
		5.18	$\frac{1}{2}^+$	34 ± 3	11 ± 2	(1972PH02)

Table 15.19 from (1976AJ04): Radiative decays in ^{15}O [a] (continued)

E_i (MeV)	J_i^π	E_f (MeV)	J_f^π	Branch (%)	δ [b]	Refs.
		6.18	$\frac{3}{2}^-$	22 ± 8	7 ± 2	(1972PH02)
		6.79	$\frac{3}{2}^+$	< 8	< 3	(1972PH02)
11.03	$\frac{1}{2}^-$	0	$\frac{1}{2}^-$	100	1.4 ± 0.4	(1972PH02)
		6.79	$\frac{3}{2}^+$	< 25	< 0.4	(1972PH02)
11.22	$\frac{3}{2}^+$	0	$\frac{1}{2}^-$	74 ± 5	5.5 ± 0.5	(1972PH02)
		5.18	$\frac{1}{2}^+$	14 ± 5	1.0 ± 0.2	(1972PH02)
		5.24	$\frac{5}{2}^+$	12 ± 5	0.9 ± 0.2	(1972PH02)
		6.79	$\frac{3}{2}^+$	< 4	< 0.4	(1972PH02)
11.57	$\frac{5}{2}^-$	0	$\frac{1}{2}^-$	18 ± 9	0.3 ± 0.2	(1972PH02)
		5.24	$\frac{5}{2}^+$	63 ± 9	1.2 ± 0.1	(1972PH02)
		6.18	$\frac{3}{2}^-$	20 ± 9	0.4 ± 0.2	(1972PH02)
		6.79	$\frac{3}{2}^+$	< 3	< 0.1	(1972PH02)
11.75	$\frac{5}{2}^+$	0	$\frac{1}{2}^-$	< 30		(1972PH02)
		5.18	$\frac{1}{2}^+$	< 25		(1972PH02)
		5.24	$\frac{5}{2}^+$	47 ± 7	5 ± 1	(1972PH02)
		6.18	$\frac{3}{2}^-$	53 ± 7	5 ± 1	(1972PH02)
		6.79	$\frac{3}{2}^+$	< 20		(1972PH02)
11.85	$\frac{5}{2}^-$	0	$\frac{1}{2}^-$	< 50		(1972PH02)
		5.24	$\frac{5}{2}^+$	100	1.4 ± 0.6	(1972PH02)
		6.79	$\frac{3}{2}^+$	< 40		(1972PH02)

[a] See also Table 15.23 in (1970AJ04) and Table 15.25 here.

[b] δ = multipole mixing ratio.

[c] See also (1959HE47).

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

[e] See also (1966EV01).

[f] Unresolved doublet: see Table 15.25.