Table 18.3 from (1978AJ03): Radiative decays in ^{18}O [a]

E_i (MeV)	J_i^π	E_f (MeV)	Branch (%)		Refs.
1.98	2^+	0	100	$\delta = 0$ [c]	
3.56	4^+	1.98	100	$\delta = 0$	(1973BE48, 1973OL02)
3.63	0^+	0		$\Gamma_\pi/\Gamma = (3.0 \pm 0.6) \times 10^{-3}$	(1975SO05)
		1.98	100	$\delta = 0$ [c]	(1973BE48, 1973OL02)
3.92	2^+	0	12 ± 5		(1971BE45)
			13 ± 3		(1973OL02)
			17 ± 2	$\delta = 0$ [c]	(1973BE48)
			15 ± 2		mean
		1.98	88 ± 5		(1971BE45)
			87 ± 3	$\delta = 0.12 \pm 0.04$ [c,A]	(1973OL02)
			83 ± 2	$\delta = 0.19 \pm 0.08$	(1973BE48)
			85 ± 2		mean
4.46	1^-	0	< 1		[a]
		1.98	32 ± 5		(1971BE45)
			25 ± 4	$\delta = -(0.09 \pm 0.36)$ [c,A]	(1973OL02)
			28 ± 2 [A]	$\delta \leq -0.17$; or > 5.7	(1973BE48)
		3.63	68 ± 5		(1971BE45)
			75 ± 4	$\delta = 0$	(1973OL02)
			72 ± 2 [A]		(1973BE48)
5.10	3^-	0	< 5		(1971BE45)
		1.98	75 ± 3		(1971BE45)
			71 ± 4	$\delta = 0$ [c,A]	(1973OL02)
			78 ± 2	$\delta = -0.04 \pm 0.05$; or 3.7 ± 0.6	(1973BE48)
			76 ± 2		mean
		3.56	9 ± 3		(1971BE45)
			11 ± 3	$\delta = (0)$	(1973OL02)
			6 ± 2		(1973BE48)
			8 ± 2		mean
		3.92	16 ± 3		(1971BE45)
			18 ± 4	$\delta = (0)$	(1973OL02)
			16 ± 2 [A]		(1973BE48)
5.26	2^+	0	32 ± 3		(1971BE45)
			32 ± 2 [A]	$\delta = 0$ [c]	(1973BE48)
		1.98	68 ± 3		(1971BE45)
			68 ± 2 [A]	$\delta = 0.15 \pm 0.04$ [c]	(1973BE48)
		3.56	< 4		(1967MO09)
		3.63	< 3		(1967MO09)

Table 18.3 from (1978AJ03): Radiative decays in ^{18}O [a] (continued)

E_i (MeV)	J_i^π	E_f (MeV)	Branch (%)		Refs.
		3.92	< 5		(1967MO09)
		4.46	< 4		(1967MO09)
5.34	0^+	0		$\Gamma_\pi/\Gamma \leq 2.3 \times 10^{-3}$	(1975SO05)
				$\delta = 0$ [c]	
		1.98	61 ± 2		(1971BE45)
			54 ± 5		(1973OL02)
			60 ± 2		mean
		3.92	< 5		(1973OL02)
		4.46	39 ± 2		(1971BE45)
			46 ± 5	$\delta = 0$	(1973OL02)
			40 ± 2		mean
5.38	3^+	0	< 2		(1967MO09)
		1.98	88 ± 3		(1967MO09)
			85 ± 3	$\delta = 0.00 \pm 0.05$ [c]	(1973OL02)
			86.5 ± 2.2		mean
		3.56	< 3		(1967MO09)
		3.92	12 ± 3		(1967MO09)
			15 ± 3	$\delta = (0)$	(1973OL02)
			13.5 ± 2.2		mean
5.53	2^-	1.98	48 ± 4	$\delta = 0.00 \pm 0.02$ [c]	(1973OL02)
			48 ± 2 [A]	[b]	(1973BE48)
		3.92	26 ± 4	$\delta = (0)$	(1973OL02)
			23 ± 2		(1973BE48)
			24 ± 2		mean
		4.46	26 ± 4	$\delta = 0.00 \pm 0.04$ [c]	(1973OL02)
			29 ± 2		(1973BE48)
			28 ± 2		mean
6.20	1^-	0	88 ± 2		(1973BE48)
		1.98	≤ 10		(1973BE48)
		4.46	6 ± 2		(1973BE48)
		5.26 + 5.34	6 ± 2		(1973BE48)
6.35	1, 2	1.98	29 ± 3	$\delta = (0)$	(1973OL02)
			34 ± 2	[b]	(1973BE48)
			32 ± 2		mean value
		3.92	58 ± 3	$\delta = (0)$	(1973OL02)
			53 ± 2		(1973BE48)
			55 ± 2		mean value
		4.46	13 ± 3	$\delta = (0)$	(1973OL02)

Table 18.3 from (1978AJ03): Radiative decays in ^{18}O [a] (continued)

E_i (MeV)	J_i^π	E_f (MeV)	Branch (%)		Refs.
			11 ± 2		(1973BE48)
			12 ± 2		mean value
6.40	3^-	1.98	90 ± 5 [A]	$\delta = 0$ [c]	(1971BE45)
		3.92	10 ± 5 [A]	$\delta = (0)$ [c]	(1971BE45)
6.88	(0^-)	4.46	100	$\delta = 0$ [c]	(1973OL02, 1973BE48)
7.12 [d]	4^+	1.98	26 ± 2	$\delta = -(0.035 \pm 0.020)$	(1967LE02)
			40 ± 10		(1973OL02)
			29 ± 2	$\delta = -(0.052 \pm 0.035)$	(1973BE48)
			27.7 ± 1.5		mean
		3.56	70 ± 3	$\delta = -(0.035 \pm 0.020)$	(1967LE02)
			60 ± 10		(1973OL02)
			71 ± 2	$\Gamma_\gamma/\Gamma_\alpha = 0.9 \pm 0.1$ [b]	(1973BE48)
			70.4 ± 1.7		mean value
		3.92	4 ± 1		(1967LE02)
		4.45	≤ 15		(1967CH1D, 1973BE48)
		5.09	≤ 15		(1967CH1D, 1973BE48)
7.62	1^-	0	24 ± 2		(1967LE02)
		1.98	62 ± 3	$\Gamma_\alpha\Gamma_\gamma/\Gamma = 0.34$ eV [e]	(1967LE02)
		3.56	< 15		(1958PH37)
		3.92	< 15		(1958PH37)
		4.46	8 ± 1		(1967LE02)
		5.34	6 ± 1		(1967LE02)
		6.20	< 2		(1967LE02)
7.75		1.98	50 ± 2	[b]	(1973BE48)
		4.46	11 ± 2		(1973BE48)
		5.10	39 ± 2		(1973BE48)
		5.26	≤ 10		(1973BE48)
		5.38	≤ 10		(1973BE48)
		6.35	≤ 10		(1973BE48)
		6.40	≤ 10		(1973BE48)
7.96	$(3^+, 4^-)$	3.56	67 ± 2	[b]	(1973BE48)
		5.10	12 ± 2		(1973BE48)
		5.38	21 ± 2		(1973BE48)
		6.40	≤ 15		(1973BE48)
8.04	1^-	0	16 ± 1		(1967LE02)
		1.98	68 ± 3	$\Gamma_\alpha\Gamma_\gamma/\Gamma = 0.89$ eV [e]	(1967LE02)
		3.56	< 15		(1958PH37)
		3.63	11 ± 1		(1967LE02)

Table 18.3 from (1978AJ03): Radiative decays in ^{18}O [a] (continued)

E_i (MeV)	J_i^π	E_f (MeV)	Branch (%)		Refs.
		3.92	< 15		(1958PH37)
		5.26	5 ± 1		(1967LE02)
8.12	5^-	3.56	> 95	$\Gamma_\alpha\Gamma_\gamma/\Gamma = 0.22$ eV [e]	(1967LE02)

A = adopted.
[a] See Table 18.2 in (1972AJ02) for the earlier work.
[b] For discussion of δ see (1973BE48).
[c] See Table IV in (1973OL02).
[d] For values of $\Gamma_\alpha\Gamma_\gamma/\Gamma$ see Table 18.2 in (1972AJ02).
[e] For all transitions from this state.