Table 18.10 from (1995TI07): Radiative decays in ^{18}O [a]

E_i (MeV)	J_i^π	E_f (MeV)	Branch (%)	δ
1.98	2^+	0	100	
3.55	4^+	1.98	100	
3.63	0^+	0	0.30 ± 0.06 [b]	
		1.98	99.70 ± 0.06	
3.92	2^+	0	12.4 ± 0.7	
		1.98	87.6 ± 0.7	[c]
4.46	1^-	1.98	27.1 ± 2.6	[c]
		3.63	70.4 ± 1.7	
		3.92	2.5 ± 0.9	
5.10	3^-	1.98	76.1 ± 0.8	[c]
		3.55	6.3 ± 0.8	[c]
		3.92	17.6 ± 0.7	[c]
5.26	2^+	0	30.3 ± 0.9	
		1.98	55.9 ± 1.0	0.15 ± 0.04
		3.55	1.1 ± 0.6	
		3.63	1.0 ± 0.6	
		3.92	8.7 ± 0.4	
		4.46	3.0 ± 0.3	
5.34	0^+	0	[d]	
		1.98	58 ± 2	
		4.46	42 ± 2	
5.38	3^+	1.98	86.5 ± 2.2	[c]
		3.92	13.5 ± 2.2	[c]
5.53	2^-	1.98	49 ± 2	[c]
		3.92	24 ± 2	
		4.46	27 ± 2	[c]
6.20	1^-	0	88.7 ± 0.9	
		3.63	2.5 ± 0.3	
		4.46	4.1 ± 0.4	
		5.26	3.6 ± 0.4	
		5.34	1.1 ± 0.3	

Table 18.10 from (1995TI07): Radiative decays in ^{18}O [a] (continued)

E_i (MeV)	J_i^π	E_f (MeV)	Branch (%)	δ
6.35	(2^-)	1.98	32 ± 2	[c]
		3.92	55 ± 2	[c]
		4.46	12 ± 2	[c]
6.40	3^-	1.98	68.1 ± 1.8	[c]
		3.55	7.4 ± 1.2	
		3.92	6.3 ± 1.0	[c]
		4.46	2.8 ± 1.0	
		5.10	9.8 ± 0.9	
		5.26	5.6 ± 0.9	
6.88	0^-	4.46	100	[c]
7.12 [c]	4^+	1.98	27.1 ± 0.4	$-(0.052 \pm 0.035)$
		3.55	69.2 ± 0.7	
		3.92	2.1 ± 0.2	
		5.10	1.3 ± 0.2	
		5.26	0.30 ± 0.06	
7.62	1^-	0	23 ± 2	
		1.98	62 ± 3 [f]	$-(0.027 \pm 0.008)$
		4.46	8 ± 1	$-(0.21 \pm 0.03)$
		5.34	6 ± 1	
		6.20	1 ± 1	
7.77	2^-	1.98	53 ± 3	
		4.46	11 ± 2	
		5.10	36 ± 3	
7.86	5^-	3.55	> 75	
7.98	$(3^+, 4^-)$	3.55	67 ± 2	
		5.10	12 ± 2	
		5.38	21 ± 2	
8.04	1^-	0	16 ± 1	
		1.98	70 ± 2 [g]	
		3.63	10 ± 1	
		5.26	4 ± 1	

Table 18.10 from (1995TI07): Radiative decays in ^{18}O [a] (continued)

E_i (MeV)	J_i^π	E_f (MeV)	Branch (%)	δ
8.13	5^-	3.55	99 ± 1 [h]	
		5.10	1 ± 1	
8.21	2^+	0	19 ± 4	
		1.98	29 ± 3	
		3.55	3 ± 1	
		3.92	3 ± 1	
		4.46	29 ± 3	
		5.10	17 ± 1	
8.28	3^-	3.55	61 ± 3	
		4.46	3 ± 3	
		5.26	36 ± 3	

[a] For references and additional information see Tables 18.3 in (1978AJ03, 1983AJ01). Upper limits for other transitions are not shown.
[b] $\Gamma_\pi/\Gamma = (3.0 \pm 0.6) \times 10^{-3}$ (1975SO05).
[c] δ is consistent with 0.
[d] $\Gamma_\pi/\Gamma \leq 2.3 \times 10^{-3}$.
[e] $\Gamma_\gamma/\Gamma = 0.561 \pm 0.013$ (1994ME02)
[f] $\Gamma_\alpha\Gamma_\gamma/\Gamma = 0.34$ eV.
[g] $\Gamma_\alpha\Gamma_\gamma/\Gamma = 0.89$ eV.
[h] $\Gamma_\alpha\Gamma_\gamma/\Gamma = 0.22$ eV.