

Table 18.14 from (1995TI07): Gamma decay branching ratios for ^{18}O from $^{14}\text{C}(^7\text{Li}, t\gamma)^{18}\text{O}$ ^a

E_i (MeV)	J_i^π	E_f (MeV)	J_f^π	Branching ratio (%)
1.98	2_1^+	0.00	0^+	100
3.55	4_1^+	1.98	2^+	100
3.63	0_2^+	1.98	2^+	100
3.92	2_2^+	0.00	0^+	11.1 ± 1.0
		1.98	2^+	88.9 ± 1.0
4.45	1_1^-	0.00	0^+	< 0.2
		1.98	2^+	29.5 ± 1.0
		3.63	0_2^+	68.9 ± 1.0
		3.92	2_2^+	1.6 ± 0.2
5.10	3_1^-	1.98	2^+	76.5 ± 1.0
		3.55	4^+	5.6 ± 1.0
		3.92	2_2^+	17.9 ± 0.8
		4.45	1^-	< 0.14
5.26	2_3^+	0.00	0^+	30.3 ± 0.9
		1.98	2^+	55.9 ± 1.0
		3.55	4^+	1.1 ± 0.6
		3.63	0_2^+	1.0 ± 0.6
		3.92	2_2^+	8.7 ± 0.4
		4.45	1^-	3.0 ± 0.3
5.34	0_3^+	1.98	2^+	45.2 ± 5.0
		3.92	2_2^+	< 12.0
		4.45	1^-	54.8 ± 5.0
6.20	1_2^-	0.00	0^+	88.7 ± 0.9
		1.98	2^+	< 1.3
		3.63	0_2^+	2.5 ± 0.3
		3.92	2_2^+	< 0.9
		4.45	1^-	4.1 ± 0.4
		5.09	3^-	< 0.7
		5.26	2_3^+	3.6 ± 0.4
		5.34	0_3^+	1.1 ± 0.3

Table 18.14 from (1995TI07): Gamma decay branching ratios for ^{18}O from $^{14}\text{C}(^7\text{Li}, t\gamma)^{18}\text{O}$ ^a (continued)

E_i (MeV)	J_i^π	E_f (MeV)	J_f^π	Branching ratio (%)
6.40	3_2^-	1.98	2^+	68.1 ± 1.8
		3.55	4^+	7.4 ± 1.2
		3.92	2_2^+	6.3 ± 1.0
		4.45	1^-	2.8 ± 1.0
		5.09	3^-	9.8 ± 0.9
		5.26	2_3^+	5.6 ± 0.9
7.12	4_2^+	1.98	2^+	27.0 ± 0.5
		3.55	4^+	70.0 ± 1.0
		3.92	2_2^+	1.8 ± 0.4
		5.09	3^-	1.2 ± 0.3
		5.26	2_3^+	< 0.6
		6.40	3_2^-	< 0.2

^a (1991GA08). See Table 1 of (1991GA08) for additional information including transition strengths. See also [Table 18.10](#) here.