

Table 19.5 from (1972AJ02): Radiative decays in ^{19}O

E_i (MeV)	J_i^π	E_f (MeV)	Branch ^a (%)	Refs.
0.096	$\frac{3}{2}^+$	0	100	
1.47	$\frac{1}{2}^+$	0	3.5 ± 1.6	(1965AL13)
			1.5 ± 0.6	(1970FI08, 1971HIZF)
			1.4 ± 0.2	(1971MC11)
			2.0 ± 0.2	(1971BR02)
		0.096	97 ± 2	(1969FI07)
			96.5 ± 1.6	(1965AL13)
			98.5 ± 0.6	(1970FI08, 1971HIZF)
			98.6 ± 0.2	(1971MC11)
2.37 ^b	$(\frac{3}{2}^+)$	0	100	(1970FI08, 1971HIZF)
		0.096	< 11	(1970FI08, 1971HIZF)
		1.47	< 12	(1970FI08, 1971HIZF)
2.78	$\frac{9}{2}^+$	0	100	(1970FI08, 1971HIZF)
		0.096	< 10	(1970FI08, 1971HIZF)
		1.47	< 5	(1970FI08, 1971HIZF)
		2.37	< 7	(1970FI08, 1971HIZF)
3.07		0.096		(1971HI06)
		1.47		(1971BR02)
3.16	$\frac{5}{2}^+$	0	8 ± 4	(1970FI08, 1971HIZF)
		0.096	92 ± 4	(1970FI08, 1971HIZF)
		1.47	< 6 ^c	(1970FI08, 1971HIZF)
		2.37	< 9	(1970FI08, 1971HIZF)
		2.78	< 10	(1970FI08, 1971HIZF)
3.95	$(\frac{1}{2}^-)$	0	24 ± 8	(1970FI08)
			33 ± 8	(1971HI06, 1971HIZF)
		0.096	48 ± 8	(1970FI08)
			39 ± 8	(1971HI06, 1971HIZF)
		1.47	28 ± 4	(1970FI08)
			28 ± 4	(1971HI06, 1971HIZF)
		2.37	< 15	(1970FI08)
		2.78	< 15	(1970FI08)
		3.16	< 15	(1970FI08)

^a The last value listed is believed to be the most reliable.

^b See also (1969FI07).

^c See, however, (1971BR02).