

Table 8.7 from (1974AJ01): Electromagnetic transitions in ^8Be ^a

Transition	Γ_γ (eV)	$ M ^2$ (W.u.)	Refs.
17.6 \rightarrow 0	16.7	0.15	(1949FO18, 1961ME10, 1968PA09)
17.6 \rightarrow 2.9	8.15 \pm 0.07 (M1)	0.12	(1961ME10, 1968PA09)
	0.15 \pm 0.07 (E2)		(1961ME10)
17.6 \rightarrow 16.6	0.032 \pm 0.003	1.48 \pm 0.15 (M1)	(1969SW01)
	0.021 \pm 0.004 ^b	1.1	(1968PA09)
17.6 \rightarrow 16.9	0.0013 \pm 0.0003	0.15 \pm 0.04 (M1)	(1969SW01)
	0.0016 \pm 0.0004 ^b	0.22	(1968PA09)
18.15 \rightarrow 0	3.0	0.03	(1970FI1B)
18.15 \rightarrow 2.9	3.8	0.05	(1970FI1B)
18.15 \rightarrow 16.6	0.077 \pm 0.019	1.04 \pm 0.26 (M1)	(1969SW01)
	0.084 \pm 0.018 ^b	1.2	(1968PA09)
18.15 \rightarrow 16.9	0.062 \pm 0.007	1.51 \pm 0.17 (M1)	(1969SW01)
	0.041 \pm 0.011 ^b	1.1	(1968PA09)
18.9 \rightarrow 16.6	0.168	0.053 (E1)	(1969SW01)
18.9 \rightarrow 16.9	0.099	0.045 (E1)	(1969SW01)
19.06 \rightarrow 2.9	10.5	0.12	(1970FI1B)

^a See also (1966LA04).

^b Values listed by (1968PA09) multiplied by factor 0.56: see (1969SW01), p. 1019.