

Table 8.6 from (1966LA04): Electromagnetic transitions in ^8Be

Transition	Remarks	References
16.6 \rightarrow 2.9	$\Gamma(\text{M1}) = 1.9 \pm 0.6 \text{ eV}$	(1962NO02: (^8Li , ^8B))
16.9 \rightarrow 2.9		
17.6 \rightarrow g.s.	$\Gamma(\text{M1}) = 16.7 \text{ eV}$	(1949FO18, 1961ME10)
17.6 \rightarrow 2.9	$\Gamma(\text{M1}) = 8.2 \text{ eV}$, $\Gamma(\text{E2}) = 0.15 \text{ eV}$	(1961ME10)
17.6 \rightarrow 16.6	$\sigma(\text{p}, \gamma) = 6.5 \mu\text{b}$	(1965WI07, 1965WIZZ)
17.6 \rightarrow 16.9	$\sigma(\text{p}, \gamma) = 0.4 \mu\text{b}$	(1965WI07, 1965WIZZ)
18.15 \rightarrow g.s.	$\Gamma \approx 1.8 \text{ eV}$	(1954KR06, 1960MA23)
18.15 \rightarrow 2.9	$\Gamma \approx 3.6 \text{ eV}$	(1954KR06, 1960MA23)
19.05 \rightarrow 2.9		(1957NE22, 1963PE15)
21.6 \rightarrow g.s.	E1 giant res.: $\int \sigma dE = 22 \text{ MeV} \cdot \text{mb}$	(1963MI08, 1963RE09)
23.6 \rightarrow 2.9	E1 giant res.	(1963MI08, 1963RE09)