

Table 10.2 from (1974AJ01): Neutron capture γ -rays in ^{10}Be

E_γ ^b (keV)	Transition	Intensities ^a			E_x ^b (keV)
		A	B	C	
6809.4 ± 0.4	capt. \rightarrow g.s.	62	70	65	5958.3 ± 0.3
5955.9 ± 0.5	$5.96^d \rightarrow$ g.s.	1.4	2	$\lesssim 2$	
3443.3 ± 0.3	capt. \rightarrow 3.37	11	15	11	
3367.4 ± 0.2^c	3.37 \rightarrow g.s.	37	28	28	3368.0 ± 0.2
2589.9 ± 0.25	$5.96^d \rightarrow$ 3.37	28	17	21	
853.5 ± 0.3	capt. \rightarrow 5.96^d	29.4	16	24	

A: (1960BA01: see (1963DR02)).

B: (1961JA19).

C: (1963DR02).

^a Gamma rays per 100 captures.

^b (1966GR18).

^c Not Doppler broadened (1969WE10).

^d This is the 2^+ member of the doublet at $E_x = 5.96$ MeV: see [reaction 13](#).