

Table 11.12 from (2012KE01): ^{10}Be and ^{11}Be γ -ray transition intensities (per 100 decays) observed following ^{11}Li β -decay: implementing DBLA analysis

E_γ ^a (keV)	$^{10}\text{Be}(E_i \rightarrow E_f)$ ^a	I ^a	I ^b	I ^c	I ^d
219.2 ± 0.5	$6180.3 \pm 0.5 \rightarrow 5961.1 \pm 0.5$	0.67 ± 0.03	0.31 ± 0.05	0.46 ± 0.09	0.521 ± 0.026
320.0 ± 0.5	$^{11}\text{Be}^*(0.320 \rightarrow 0)$	7.69 ± 0.40	6.3 ± 0.6	7.7 ± 0.8	7.62 ± 0.40
2590.3 ± 0.5	$5958.4 \pm 0.5 \rightarrow 3368.0$ ^{e, f}	0.23 ± 0.10	7.6 ± 0.3	9.3 ± 1.4	8.28 ± 0.60
2592.7 ± 0.5	$5961.1 \pm 0.5 \rightarrow 3368.0$ ^{e, f}	8.75 ± 0.20	0.8 ± 0.1	0.08_{-5}^{+3}	0.294 ± 0.046
2811.8 ± 0.5	$6180.3 \pm 0.5 \rightarrow 3368.0$ ^{e, f}	1.03 ± 0.03	1.07 ± 0.20	1.2 ± 0.2	0.997 ± 0.020
2896.0 ± 0.5	$6264.5 \pm 0.5 \rightarrow 3368.0$ ^{e, f, g}	1.05 ± 0.53	1.47 ± 0.25 ^h	2.2 ± 0.4 ⁱ	2.08 ± 0.043
3367.1 ± 0.5	$3368.0 \rightarrow 0$	33 ^a	33 ^a	37.0 ± 5.5	33
5956.5 ± 1.0	$5958.4 \rightarrow 0$	0.96 ± 0.3	3.0 ± 0.7	0.36 ± 0.20	0.818 ± 0.059
5959.2 ± 1.0	$5961.1 \pm 0.5 \rightarrow 0$	0.43 ± 0.10		0.38 ± 0.09	0.568 ± 0.092

^a (2004SA46). Intensity normalized here to give $I(3368) = 33\%$.

^b (2004FY01), assuming $I(3368) = 33\%$ from (1997MO35, 1997AO01).

^c (2004HI12).

^d (2009MA54).

^e (2004SA46) deduce $T_{1/2} = 85 \pm 6$ (stat.) ± 10 (sys.) fs, $870 \pm 70 \pm 160$ fs, less than a few hundred fs, and $60.0 \pm 1.6 \pm 6.0$ fs for $^{10}\text{Be}^*(6.264, 6.180, 5.961, 5.958)$, respectively.

^f (2004FY01) deduce $T_{1/2} = 230 \pm 60$ fs, 1.10 ± 0.25 ps, 330 ± 130 fs, and > 50 fs for $^{10}\text{Be}^*(6.264, 6.180, 5.961, 5.958)$, respectively.

^g (2004FY01) measured $E_i = 6264.5 \pm 2.0$.

^h (1980DE39).

ⁱ $T_{1/2} = 85_{-17}^{+27}$ fs.