

Table 11.2 from (1990AJ01): Energy Levels of ^{11}Be

E_x (MeV \pm keV)	$J^\pi; T$	τ or $\Gamma_{c.m.}$ (keV)	Decay	Reactions
0	$\frac{1}{2}^+; \frac{3}{2}$	$\tau_{1/2} = 13.81 \pm 0.08$ s	β^-	1, 2, 3, 5, 7
0.32004 ± 0.1	$\frac{1}{2}^-$	fs $\tau_m = 166 \pm 15$ fs	γ	2, 3, 4, 5, 7, 8
1.778 ± 12	$(\frac{5}{2}, \frac{3}{2})^+$	$\Gamma = 100 \pm 20$	(n)	2, 3, 6, 7
2.69 ± 20	$(\frac{1}{2}, \frac{3}{2}, \frac{5}{2})^+$	200 ± 20	(n)	2, 8
3.41 ± 20	$(\frac{1}{2}, \frac{3}{2}, \frac{5}{2})^+$	125 ± 20	(n)	2, 7
3.887 ± 15	$\geq \frac{7}{2}$	< 10	(n)	2
3.956 ± 15	$\frac{3}{2}^-$	15 ± 5	(n)	2, 8
5.240 ± 21		45 ± 10	(n)	2
(5.86)		≈ 300	(n)	2
6.51 ± 50		120 ± 50	(n)	2
6.705 ± 21		40 ± 20	(n)	2
7.03 ± 50		300 ± 100	(n)	2
8.816 ± 32		200 ± 50	(n)	2, 4
10.59 ± 50		210 ± 40	n, α	2, 4
(≈ 18.5)		≈ 500	n, t, α	4