

Table 10.1 from (1979AJ01): Energy levels of ^{10}Be

E_x (MeV \pm keV)	$J^\pi; T$	τ or $\Gamma_{\text{c.m.}}$	Decay	Reactions
g.s.	$0^+; 1$	$\tau_{1/2} = (1.6 \pm 0.2) \times 10^6 \text{ y}$	β^-	1, 3, 4, 5, 12, 13, 15, 16, 17, 18, 19, 20, 22, 23, 24, 25, 26, 27, 29, 30
3.3680 ± 0.2	$2^+; 1$	$\tau_m = 180 \pm 17 \text{ fsec}$	γ	3, 4, 5, 12, 13, 15, 17, 18, 20, 22, 23, 25, 26, 27, 30, 31
5.9583 ± 0.3	$2^+; 1$	$\tau_m < 80 \text{ fsec}$	γ	3, 4, 5, 13, 18, 22, 26, 27, 30
5.9599 ± 0.6	$1^-; 1$		γ	3, 4, 13, 22, 27
6.1793 ± 0.7	$0^+; 1$	$\tau_m = 1.1^{+0.4}_{-0.3} \text{ psec}$	π, γ	13, 27
6.2633 ± 5	$2^-; 1$		γ	13, 27
7.371 ± 1	$3^-; 1$	$\Gamma = 15.7 \pm 0.5 \text{ keV}$	n	4, 6, 12, 13
7.542 ± 1	$2^+; 1$	6.3 ± 0.8	n	3, 6, 12, 13, 30
9.27	$(4^-); 1$	150 ± 20	n	6, 12, 13
9.4	$(2^+); 1$	291 ± 20	n	4, 6, 12, 13, 26, 30
10.57 ± 30	$\geq 1; 1$		n	3, 4, 6, 13, 24
11.76 ± 20		121 ± 10		3, 4, 12, 13, 30
17.79		110 ± 35	$\gamma, \text{ n, t}$	2, 3, 4, 20
18.55		≈ 350	n, t	2, 3, 4
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