

Table 10.1 from (1974AJ01): Energy levels of ^{10}Be

E_x (MeV \pm keV)	$J^\pi; T$	τ or $\Gamma_{c.m.}$	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, 14, 17, 18, 19, 21, 22, 24, 25, 26, 27, 28, 30
3.3680 ± 0.2	$2^+; 1$	$\tau_m = 180 \pm 17 \text{ fsec}$	γ	3, 4, 5, 12, 13, 18, 19, 21, 24, 26, 28
5.9583 ± 0.3	$2^+; 1$	$\tau_m < 80 \text{ fsec}$	γ	4, 5, 12, 13, 28
5.9599 ± 0.6	$1^-; 1$		γ	4, 12, 13, (28)
6.1793 ± 0.7	$0^+; 1$	$\tau_m = 1.1^{+0.4}_{-0.3} \text{ psec}$	π, γ	4, 12, 13
6.2633 ± 5	$2^-; 1$		γ	4, 12, 13
7.371 ± 1	$3^-; 1$	$\Gamma = 15.7 \pm 0.5 \text{ keV}$	n	4, 6, 12, 13
7.542 ± 1	$2^+; 1$	$6.3 \pm 0.8 \text{ keV}$	n	6, 12, 13
9.27	$(4^-); 1$	$\approx 100 \text{ keV}$	n	4, 6, 12, 28
(9.4)	$(2^+); 1$	$\approx 400 \text{ keV}$	n	6, 12
10.7	$\geq 1; 1$		n	4, 6
(11.75 \pm 110)				4, 12
(17.4)			n, t	2
17.79		$110 \pm 35 \text{ keV}$	n, t	2, 4
18.55		$\approx 350 \text{ keV}$	γ, n, t	2, 4
(18.6)		$\approx 1.1 \text{ MeV}$	γ, t	2
(21.3)	$(T = 2)$	400 keV	p, t	2
(24.0)		broad		24