

Table 12.1 from (1968AJ02): Energy levels of ^{12}B

E_x in ^{12}B (MeV \pm keV)	J^π	τ or Γ (keV)	Decay	Reactions
g.s.	1^+	$\tau_{1/2} = 20.41 \pm 0.06$ msec	β^-	1, 2, 3, 5, 6, 7, 8, 9, 12, 15, 17, 22, 24
0.95314 ± 0.60	2^+	$\tau_m = 300 \pm 33$ fsec	γ	2, 3, 6, 8, 12
1.67365 ± 0.60	2^-	< 50 fsec	γ	2, 3, 6, 8, 12
2.6208 ± 1.2	1^-	< 70 fsec	γ	2, 3, 6, 8, 12
2.723 ± 11	$(\leq 3^+)$		γ	2, 3, 8, 12
3.388 ± 7	$(\leq 3^+)$	< 1.5	n, γ	2, 6, 8, 9, 12
3.756 ± 7	2^+	37 ± 4	n, γ	2, 6, 8, 9, 10, 12
4.303 ± 7	$(1)^-$	9 ± 4	n, γ	2, 6, 8, 9, 10
4.540 ± 20	3^-	110 ± 20	n, γ	2, 6, 8, 9, 10, 12
5.00 ± 20	$1^{(+)}$	60 ± 20	n, γ	2, 6, 8, 9, 10
5.610 ± 20	2	110 ± 20	n	2, 6, 8, 10
5.730 ± 20	3	60 ± 15	n	6, 8, 10
6.6	> 0	140	n	6, 10
(6.76)		65	n	6, 10
7.54	> 3	≤ 14	n	6, 10
(7.66)	> 0	45	n	10
7.77	> 0	90	n	6, 10
(7.96)	> 0	27	n	6, 10
8.23	> 1	65	n	10
8.40		110	n	6, 10
8.49	> 1	75	n	10
9.03	> 1	120	n	6, 10
9.95	> 0	100	n	10
10.53	> 2	65	n	10
12.27	> 2	120	n	10
a				

^a And thirteen resonances in $^9\text{Be}(t, n)^{11}\text{B}$.