

Table 12.7 from (1975AJ02): ^{12}B states from $^{11}\text{B}(\text{d}, \text{p})^{12}\text{B}$ ^a

$^{12}\text{B}^*$ (MeV \pm keV)	l_n ^g	J^π ^g	S ⁱ	Gamma decay (%) ^c	τ_m (fsec)
0	1	1 ⁺	0.69		
0.95314 ± 0.60 ^b	1	2 ⁺	0.55	to g.s.	300 ± 33 ^c 200 ± 40 ^j
1.67365 ± 0.60 ^b	0	2 ⁻	0.57	(3.2 ± 0.4) ^k [$\rightarrow 0.95$] (96.8 ± 0.4) [\rightarrow g.s.]	< 50 ^c
2.6208 ± 1.2 ^c	0	1 ⁻	0.75	(14 ± 3) [$\rightarrow 1.67$] (80 ± 3) [$\rightarrow 0.95$] (6 ± 1) [\rightarrow g.s.]	< 70 ^c
2.723 ± 11 ^{d,f}	1	0 ⁺	0.21	(> 85) [\rightarrow g.s.]	< 140 ^f
3.383 ± 9 ^d	2 ^h	3 ⁻	0.58		
3.76 ^e	1	2 ⁺			
4.52 ^e	2				

^a See also Table 12.6 in (1968AJ02).

^b (1966WI01).

^c (1968OL01).

^d (1950BU1A, 1953EL12).

^e (1953HO48).

^f 2728 ± 2 keV (1971HIZF: unpublished).

^g See (1968AJ02) and (1971MO14). See also (1971HIZF).

^h (1969FO10).

ⁱ DWBA analysis (1971MO14).

^j (1969GA16, 1970GA09).

^k $(3.2 \pm 0.5)\%$ (1968OL01), $(3.0 \pm 0.6)\%$ (1968CH05).