

Table 11.20 from (1968AJ02): Levels of ^{11}C from $^{10}\text{B}(\text{d}, \text{n})^{11}\text{C}$

E_x (MeV \pm keV)	J^π ^f	l	$(2J + 1)\theta^2$ ^a	$(2J + 1)\theta^2$ ^b	Refs. ^c
0	$\frac{3}{2}^-$	1	(4)	4	(1956MA83, 1967DI01)
1.94 \pm 50	$\frac{1}{2}^-$	(1)	weak		(1956MA83, 1960NE17)
4.260 \pm 21 ^d	$\frac{5}{2}^-$	1	(2.8)	1.2	(1960MC1C, 1960NE17)
4.749 \pm 17 ^d	$\frac{3}{2}^-$	1	(0.9)	0.54	(1955SA1B, 1960NE17, 1962FR06, 1966RU01)
6.34	$(\frac{1}{2})^+$				(1961JA12)
6.487 \pm 14 ^d	$\frac{7}{2}^-$	1	7.5		(1955BE81, 1955SA1B, 1960FE13, 1960MC1C, 1960NE17, 1962FR06, 1963BR1H, 1966RU01)
6.91 \pm 20 ^e	$\frac{5}{2}^+$	(1)	(0.9)		(1962FR06)
7.40 \pm 40	$\frac{3}{2}^+$				(1955SA1B)
8.103 \pm 8	$(\leq \frac{5}{2}^-)$				(1955MA76)
8.426 \pm 8	-	1	2.9		(1955MA76)
8.656 \pm 8	+	0	10.3		(1955MA76, 1963OV02)
8.702 \pm 20	(+)	(0)			(1963OV02)
(8.97 \pm 20)					(1957GR50)
(9.13 \pm 20)					(1952JO10)
(9.28 \pm 30)					(1956CE1B, 1956CE73)
(9.69 \pm 30)					(1956CE1B, 1956CE73)
(10.09 \pm 20)					(1957GR50)
10.69	(+)	(0, 2)			(1963OV02)
(10.89 \pm 20)					(1957GR50)
(11.26 \pm 20)					(1956CE1B, 1956CE73)
(11.52 \pm 20)					(1956CE1B, 1956CE73)

^a (1961JA12); $E_d = 1$ to 4 MeV: relative values.

^b (1956CE1B, 1956CE73, 1960MA32); $E_d = 7.55$ MeV: relative values.

^c (1952JO10) lists 12 levels, (1956CE1B, 1956CE73) lists 17, (1961JA12) lists 11: see also (1959AJ76).

^d (1959NE1A) and references therein.

^e (1961JA12).

^f J^π from Table 11.17.