

Table 15.3 from (1959AJ76): Resonances in $^{11}\text{B} + \alpha$

E_α (MeV)	Γ_{lab} (keV)	Particle out	E_x (MeV)	J^π	Ref.
0.60		n	11.43		a
1.03		n	11.75		a
1.18		n	11.86		a
1.30		n	11.95		a
1.51		n, p	12.10		b
1.58		n, p	12.15		b
2.06	66	n_0, p_0	12.50	$\frac{5}{2}^+$	c
2.63	80	n_0, p_0	12.92	$\frac{3}{2}^-$	d
2.64	40	p_0	12.93	$\frac{7}{2}^-$	e
2.94	< 3	n_0, p_0	13.15		d
2.99	8	n_0, p_0	13.18		d
3.23	29	n_0, p	13.36	$\frac{3}{2}^-$	d
3.30	40	p	13.41	$\frac{5}{2}^+$	e
3.56	20	n_0, p	13.61	$(\frac{5}{2}^-)$	d
3.71	40	n_0	13.71		f
3.90	70	$n_0, (n_1)$	13.85		f
4.21	≈ 10	n_0, n_1	14.08		f
4.33	35	n_0	14.17		f
4.96	72	n_0	14.63		f
5.34		n_0	14.90		g
5.49		n_0	15.01		g
5.58		n_0	15.08		g
5.86		n_0	15.29		g
5.98		n_0, n_2	15.37		g
6.30		$n_0, (n_2)$	15.61		g
6.72		$n_0, (n_2)$	15.92		g
6.74		n_0, n_2	15.93		g
6.82		n_0, n_2	15.99		g
6.89			16.04		g

a (1954BE08), and private communication.

b (1955SH46).

c (1955SH46, 1956BO61, 1958HA1B, 1958LE23, 1959LE28).

d (1956BO61, 1958HA1B, 1958LE23, 1959LE28).

e (1959LE28).

f (1956BO61, 1958HA1B).

g (1958HA1B).