

Table 16.6 from (1993TI07): States of ^{16}N from $^{10}\text{B}(^7\text{Li}, \text{p})$ ^a

E_x ^b (MeV)	J ^c	E_x ^b (MeV)	J ^c
0		5.142	e
0.124		5.230	f
0.296		5.318	0, 1
0.400		5.525	4, 3 ^g
3.352	c	5.734	h
3.524	c	6.002	1 ^f
3.964	c	6.172	i
4.321	c	6.374	c
4.392	c	6.504	c
4.785	c	6.608	4 ^j
5.054	1, 2 ^d		

^a For references see (1986AJ04).

^b ± 3 keV.

^c Based on the assumption that the angle-integrated cross section is proportional to $2J + 1$. States labelled ^c have J consistent with known values.

^d If a doublet, $J = 1$ and 0.

^e Doublet (1986AJ04).

^f Narrow state.

^g If a doublet, and if one state is 3^+ , the second member would have $J = 0$.

^h If a doublet of which one member is 5^+ , the other would have $J = 2$ (1, 3).

ⁱ May be a doublet (1986AJ04).

^j $J = 4$, if a single state.