

$^{11}\text{B}(^{13}\text{C,d})$ 1983Sz03

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	M. Shamsuzzoha Basunia		NDS 127, 69(2015)	1-Apr-2015

$^{11}\text{B}(^{13}\text{C,d})$ E=41.36 MeV and $^{13}\text{C}(^{11}\text{B,d})$ E=35.0 MeV. Multigap magnetic spectrograph. Measured angular distribution, statistical model analysis to determine spin. FWHM ~ 60-80 keV.

Other: 1979Sz01.

 ^{22}Ne Levels

E(level) [†]	J ^π #	E(level) [†]	J ^π #	E(level) [†]	J ^π #	E(level) [†]	J ^π #
0.0		8380	4	11640	6	14600	
1280		8500	5,4	11740	6	14690	
3360	4	8580		11870		14840	7
4460	2	8740	5	12040	7	14910	7
5140	2	8890		12120		15250	6
5340 [‡]	2,1	9070	4,3	12170	6	15350	7
5520	3	9180	5	12330	6	15460	10
5640	3	9340		12390	7	15570	
5910	2,3	9500	5	12560		15670	7
6120	2	9640	4,3	12690		15800	8
6310 [‡]	6,4	9720	6	12880		15990	8
6660 [‡]	3,3	9860	5	13000	8	16050	7
6840 [‡]	2,1	10120		13260	7	16250	6 [@]
7050		10190	4	13470	6	17200	8
7340 [‡]	5,3	10310	5	13720	7	17390	8
7420 [‡]	4,3	10420	7	13880	8	17480	
7540		10660	6	14030	7	17580	8
7640		10780	6	14130		17760	9,4
7720	3	11020	8	14230		18010	
7920	3	11140	7	14340		18080	
8080	3	11260	7,8	14420		18170	
8140	4,3	11500		14540		18280	

[†] From 1983Sz03.

[‡] Doublet.

From angular distribution measurements.

@ In 1983Sz03, also an spin assignment 5+5 used for a possible doublet.