

^{131}Sb $Z = 51$ $N = 80$ adopted link ENSDF link

Based on ENSDF from Oct 2022, and mass evaluation from 2020

BE = 1099.424 (0.002) MeV

Qbeta- = 3.230 (0.002) MeV

	Energy T	J+	J-	J-other	T1/2
131SB 1				0.000 (7/2+)	1 23.03 M 4
131SB 2				0.798 (5/2+)	2
131SB 3				1.142 (3/2+)	3
131SB 4				1.203 (5/2+)	4
131SB 5				1.226 (11/2+)	5
131SB 6				1.229 (9/2+)	6
131SB 7				1.481 (7/2+)	7
131SB 8				1.676 (15/2-)	8 91 US 4
131SB 9				1.687 (19/2-)	9 4.3 US 8
131SB 10				1.726 (17/2-)	10
131SB 11				1.731 (13/2-)	11
131SB 12				1.758	12
131SB 13				1.787	13
131SB 14				1.813 (11/2-)	14
131SB 15				1.862	15
131SB 16				1.867	16
131SB 17				1.872 (5/2,7/2,9/2)	17
131SB 18				1.890	18
131SB 19				1.916 (15/2-)	19
131SB 20				1.919	20
131SB 21				1.931 (7/2,9/2,11/2)	21
131SB 22				1.980 (13/2-)	22
131SB 23				1.997	23
131SB 24				2.004	24
131SB 25				2.019	25
131SB 26				2.021	26
131SB 27				2.037	27
131SB 28				2.043	28
131SB 29				2.069 (19/2+)	29
131SB 30				2.086 (11/2,13/2)	30
131SB 31				2.166 (23/2+)	31 1.1 US 2
131SB 32				2.275	32
131SB 33				2.392 (1/2+)	33
131SB 34				2.454	34
131SB 35				2.561	35
131SB 36				2.664	36
131SB 37				2.861	37

131SB	38				2.865	(11/2,13/2,15/2	38)
131SB	39				2.916		39
131SB	40				2.938		40

131SB	41				2.954		41
131SB	42				2.978	(3/2,5/2,7/2)	42
131SB	43				2.984		43
131SB	44				3.061		44
131SB	45				3.075		45
131SB	46				3.121		46
131SB	47				3.259		47
131SB	48				3.269	(5/2,7/2,9/2)	48
131SB	49				3.308		49
131SB	50				3.368		50

131SB	51				3.412	(9/2)	51
131SB	52				3.539		52
131SB	53				3.569		53

S-p = 9.138 (0.003)-----
 S-n = 7.767 (0.014)-----
 S-2p = 23.724 (0.003)-----
 S-2n = 13.495 (0.021)-----
 S-alpha= 7.526 (0.010)-----

S+p = -10.496 (0.004)
 S+n = -5.725 (0.003)
 S+2p = -18.454 (0.006)
 S+2n = -13.085 (0.004)
 S+alpha = -4.223 (0.003)

gap p = -1.358 (0.005)
 gap n = 2.042 (0.015)
 gap 2p = 5.271 (0.007)
 gap 2n = 0.410 (0.022)
 gap alpha = 3.304 (0.011)