

$^{130}\text{Sb}$        $Z = 51$        $N = 79$       adopted link      ENSDF link

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

BE = 1091.657 ( 0.014) MeV

Qbeta- = 5.067 ( 0.014) MeV

	Energy T	J+	J-	J-other	T1/2
130SB 1				0.000 (8-)	1 39.5 M 8
130SB 2				0.005 (4,5)+	2 6.3 M 2
130SB 3				0.068 (+)	3
130SB 4				0.075 (3,4,5)+	4 3.6 NS 3
130SB 5				0.085 (6-,7-,8-)	5
130SB 6				0.112 (-)	6
130SB 7				0.145 (7-,8-)	7
130SB 8				0.267 (2,3)+	8
130SB 9				0.346 (2+,3+)	9
130SB 10				0.689	10
130SB 11	0.702	1+			11
130SB 12				0.731 (2+,3+)	12
130SB 13				0.733 (6,7,8)	13
130SB 14				0.749 (2)+	14
130SB 15				0.815	15
130SB 16				0.819 (1)+	16
130SB 17				0.871	17
130SB 18				0.883	18
130SB 19				0.938 (6,7,8)	19
130SB 20				1.031	20
130SB 21				1.045 (6,7,8)	21
130SB 22				1.047	22
130SB 23	1.048	1+			23
130SB 24				1.097	24
130SB 25				1.160	25
130SB 26				1.192	26
130SB 27				1.262	27
130SB 28				1.306	28
130SB 29				1.353	29
130SB 30				1.359	30
130SB 31				1.394 (1+)	31
130SB 32				1.460	32
130SB 33				1.482	33
130SB 34				1.556	34
130SB 35				1.637	35
130SB 36				1.717	36
130SB 37				1.727	37

130SB 38				1.811	38
130SB 39				1.813	39
130SB 40				1.893	40
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130SB 41				1.913	41
130SB 42				2.023	42
130SB 43				2.027	43
130SB 44				2.085	44
130SB 45				2.096	45
130SB 46				2.179	46
130SB 47				2.201	47
130SB 48				2.272	48
130SB 49				2.395	49
130SB 50				2.417	50
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130SB 51				2.457	51
130SB 52				2.484	52
130SB 53				2.526	53
130SB 54				2.535	54
130SB 55				2.546	55
130SB 56				2.580	56
130SB 57				2.615	57
130SB 58				2.637	58
130SB 59				2.762	59
130SB 60				2.820	60
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130SB 61				2.983	61

S-p = 8.984 ( 0.022)-----  
S-n = 5.728 ( 0.026)-----  
S-2p = 22.673 ( 0.014)-----  
S-2n = 13.798 ( 0.024)-----  
S-alpha= 6.901 ( 0.015)-----

S+p = -10.214 ( 0.014)  
S+n = -7.767 ( 0.014)  
S+2p = -17.996 ( 0.015)  
S+2n = -13.492 ( 0.014)  
S+alpha = -4.183 ( 0.015)

gap p = -1.230 ( 0.026)  
gap n = -2.039 ( 0.029)  
gap 2p = 4.678 ( 0.021)  
gap 2n = 0.306 ( 0.028)  
gap alpha = 2.719 ( 0.021)