

^{125}Sb $Z = 51$ $N = 74$ adopted link ENSDF link

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

BE = 1057.270 (0.003) MeV

Qbeta- = 0.767 (0.003) MeV

	Energy T	J+	J-	J-other	T1/2
125SB 1	0.000	7/2+			1 2.75856 Y 25
125SB 2	0.332	5/2+			2 156 PS 8
125SB 3				0.643 3/2+,5/2+	3
125SB 4	0.922	1/2+			4
125SB 5	1.067	9/2+			5
125SB 6	1.089	11/2+			6
125SB 7	1.350	7/2+			7
125SB 8	1.420	9/2+			8
125SB 9				1.484 3/2+,5/2+	9
125SB 10				1.560	10
125SB 11				1.592 7/2+,9/2+	11
125SB 12				1.660	12
125SB 13				1.701 1/2+,3/2,5/2+	13
125SB 14				1.736 (3/2)+	14
125SB 15	1.800	1/2+			15
125SB 16				1.807 (9/2)+	16
125SB 17				1.890 9/2-,11/2-	17
125SB 18				1.894	18
125SB 19				1.914 3/2+,5/2	19
125SB 20				1.947 (3/2)+	20
125SB 21			1.971 15/2-		21 4.1 US 2

S-p = 7.313 (0.003)-----
 S-n = 8.707 (0.003)-----
 S-2p = 19.404 (0.020)-----
 S-2n = 15.175 (0.003)-----
 S-alpha= 4.845 (0.028)-----

S+p = -9.098 (0.003)
 S+n = -6.209 (0.032)
 S+2p = -15.306 (0.004)
 S+2n = -14.586 (0.006)
 S+alpha = -2.677 (0.004)

gap p = -1.785 (0.004)
 gap n = 2.498 (0.032)
 gap 2p = 4.098 (0.020)

gap 2n = 0.589 (0.006)
gap alpha = 2.168 (0.028)