

^{105}Sb $Z = 51$ $N = 54$ adopted link ENSDF link

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

BE = 871.604 (0.022) MeV

Qbeta+ = 9.322 (0.022) MeV

	Energy T	J+	J-	J-other	T1/2
S-alpha=	-2.104 (0.025)				
S-p	= -0.323 (0.023)				
105SB	1			0.000 (5/2+)	1 1.22 S 11
105SB	2			1.219 (9/2+)	2
105SB	3			1.841 (13/2+)	3
105SB	4			2.211 (15/2+)	4
105SB	5			2.498 (17/2+)	5
105SB	6			2.993 (19/2+)	6
105SB	7			3.728 (23/2+)	7
S-2p	= 3.961 (0.024)				
105SB	8			3.974 (25/2+,27/2+)	8

S-p = -0.323 (0.023)

S-n = 12.772 (0.106)

S-2p = 3.961 (0.024)

S-2n = 23.502 (0.310)

S-alpha= -2.104 (0.025)

S+p = -1.493 (0.103)

S+n = -10.529 (0.023)

S+2p = -0.018 (0.322)

S+2n = -22.780 (0.022)

S+alpha = 3.918 (0.023)

gap p = -1.816 (0.105)

gap n = 2.243 (0.109)

gap 2p = 3.943 (0.323)

gap 2n = 0.722 (0.311)

gap alpha = 1.814 (0.034)