

^{195}Bi $Z = 83$ $N = 112$ adopted link ENSDF link

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

BE = 1526.998 (0.005) MeV

Qbeta+ = 5.713 (0.007) MeV

	Energy T	J+	J-	J-other	T1/2

S-alpha=	-5.833	(0.009)	-----		
195Bi 1				0.000 [9/2-]	1 183 S 4
195Bi 2				0.401 [1/2+]	2 87 S 1
195Bi 3	0.887	13/2+			3 32 NS 2
S-p =	1.107	(0.018)	-----		
195Bi 4	1.230	15/2+			4
195Bi 5				1.538 17/2(+)	5
195Bi 6	1.622	17/2+			6
195Bi 7	2.044	19/2+			7
195Bi 8	2.194	23/2+			8 80 NS 10
195Bi 9				2.309 25/2(-)	9
195Bi 10				2.395 (29/2-)	10 750 NS 50

195Bi 11				2.465 (21/2+)	11
195Bi 12				2.923 (23/2+)	12

S-p = 1.107 (0.018)-----
S-n = 10.074 (0.007)-----
S-2p = 5.126 (0.009)-----
S-2n = 18.284 (0.009)-----
S-alpha= -5.833 (0.009)-----

S+p = -2.732 (0.008)
S+n = -8.055 (0.025)
S+2p = -2.908 (0.010)
S+2n = -17.804 (0.010)
S+alpha = 6.777 (0.008)

gap p = -1.625 (0.020)
gap n = 2.019 (0.026)
gap 2p = 2.219 (0.013)
gap 2n = 0.479 (0.014)
gap alpha = 0.945 (0.012)