

^{213}Bi $Z = 83$ $N = 130$ adopted link ENSDF link

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

BE = 1659.488 (0.005) MeV

Qbeta- = 1.422 (0.006) MeV

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

S-alpha=	-5.988	(0.008)	-----		
213BI 1			0.000	9/2-	1 45.59 M 6
213BI 2			0.258	7/2-	2
213BI 3				0.593 (5/2,7/2,9/2)-	3
213BI 4				0.759 (5/2-,13/2-)	4
213BI 5				0.874	5
213BI 6				0.978	6
213BI 7				0.983	7
213BI 8				1.050	8
213BI 9				1.142	9
213BI 10				1.149	10

213BI 11				1.171	11
213BI 12				1.202	12
213BI 13				1.222	13
213BI 14				1.287	14
213BI 15				1.296	15
213BI 16				1.343	16
213BI 17				1.353	17
213BI 18				1.445	18
213BI 19				1.495	19
213BI 20				1.543	20

213BI 21				1.593	21

S-p = 4.972 (0.005)-----

S-n = 5.185 (0.005)-----

S-2p = 13.732 (0.042)-----

S-2n = 9.515 (0.007)-----

S-alpha= -5.988 (0.008)-----

S+p = -6.527 (0.005)

S+n = -4.040 (0.012)

S+2p = -10.603 (0.008)

S+2n = -9.282 (0.008)

S+alpha = 7.201 (0.007)

gap p = -1.555 (0.008)

gap n = 1.145 (0.013)

gap 2p = 3.129 (0.043)
gap 2n = 0.234 (0.011)
gap alpha = 1.213 (0.011)