

^{201}Bi $Z = 83$ $N = 118$ adopted link ENSDF link

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

BE = 1578.829 (0.012) MeV

Qbeta+ = 3.842 (0.018) MeV

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

S-alpha=	-4.500	(0.018)	-----		
201BI 1			0.000	9/2-	1 103 M 3
201BI 2	0.846	1/2+			2 57.5 M 21
201BI 3			0.890	5/2-	3
201BI 4				0.904 (7/2)-	4
201BI 5			0.964	11/2-	5
201BI 6			0.967	13/2-	6
201BI 7	1.086	3/2+			7 260 PS 30
201BI 8				1.187 (7/2)-	8
201BI 9				1.274 (5/2)+	9
201BI 10			1.379	15/2-	10

201BI 11			1.442	7/2-	11
201BI 12				1.471 (5/2,7/2)-	12
201BI 13			1.476	17/2-	13
201BI 14				1.484 (3/2-)	14
201BI 15				1.502 (13/2+)	15
201BI 16				1.504 (9/2,11/2,13/2-	16)
201BI 17				1.616 1/2+,3/2+,5/2+	17
201BI 18				1.665 (11/2,13/2,15/2)	18
201BI 19				1.719 (11/2,13/2)+	19
201BI 20	1.747	17/2+			20 5.1 NS 13

201BI 21				1.763 (9/2,11/2,13/2-)	21
201BI 22				1.779 (3/2-,5/2,7/2)	22
201BI 23				1.818 1/2,3/2,5/2+	23
201BI 24				1.848 (5/2-,7/2)	24
201BI 25	1.858	3/2+			25
201BI 26				1.927 (5/2-,7/2)	26
201BI 27	1.933	21/2+			27 40 NS LT

S-p = 2.467 (0.016)-----

S-n = 9.130 (0.026)-----

S-2p = 7.948 (0.030)-----

S-2n = 16.774 (0.016)-----

S-alpha= -4.500 (0.018)-----

S+p = -3.802 (0.015)

S+n = -7.393 (0.019)

S+2p = -5.312 (0.016)
S+2n = -16.239 (0.018)
S+alpha = 6.020 (0.017)

gap p = -1.334 (0.022)
gap n = 1.736 (0.032)
gap 2p = 2.636 (0.034)
gap 2n = 0.535 (0.024)
gap alpha = 1.519 (0.025)