

^{217}Bi $Z = 83$ $N = 134$ adopted link ENSDF link

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

BE = 1677.811 (0.018) MeV

Qbeta- = 2.846 (0.019) MeV

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

S-alpha=	-4.521 (0.032)				
217Bi 1				0.000 (9/2-)	1 98.5 S 13
217Bi 2				0.744 (13/2-)	2
217Bi 3				1.236 (17/2-)	3
217Bi 4				1.429 (15/2-,17/2-)	4
217Bi 5				1.436 (21/2-)	5

S-p = 5.971 (0.217)-----

S-n = 5.215 (0.021)-----

S-2p = 15.861 (0.216)-----

S-2n = 9.042 (0.019)-----

S-alpha= -4.521 (0.032)-----

S+p = -7.662 (0.018)

S+n = -3.585 (0.032)

S+2p = -12.912 (0.018)

S+2n = -8.489 (0.220)

S+alpha = 5.628 (0.023)

gap p = -1.691 (0.217)

gap n = 1.630 (0.038)

gap 2p = 2.949 (0.216)

gap 2n = 0.553 (0.220)

gap alpha = 1.107 (0.039)