

^{188}Bi $Z = 83$ $N = 105$ adopted link ENSDF link

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

BE = 1459.668 (0.011) MeV

Qbeta+ = 10.616 (0.015) MeV

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

S-alpha=	-7.264	(0.015)	-----		
S-p	= -0.503	(0.012)	-----		
188Bi	1			0.000 (3+)	1 60 MS 3
188Bi	2			0.065	2 5 US GT
188Bi	3			0.101	3
188Bi	4			0.172	4

S-p = -0.503 (0.012)-----

S-n = 8.883 (0.015)-----

S-2p = 1.890 (0.024)-----

S-2n = 20.192 (0.020)-----

S-alpha= -7.264 (0.015)-----

S+p = -1.516 (0.025)

S+n = -10.941 (0.024)

S+2p = 0.000 (0.000)

S+2n = -19.544 (0.024)

S+alpha = 7.696 (0.030)

gap p = -2.020 (0.028)

gap n = -2.059 (0.028)

gap 2p = 0.000 (0.000)

gap 2n = 0.648 (0.031)

gap alpha = 0.432 (0.034)