

^{187}Pb $Z = 82$ $N = 105$ adopted link ENSDF link

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

BE = 1460.171 (0.005) MeV

Qbeta+ = 7.458 (0.010) MeV

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

S-alpha=	-6.393	(0.009)	-----		
187PB 1			0.000	(3/2-)	1 15.2 S 3
187PB 2			0.033	(13/2+)	2 18.3 S 3
187PB 3			0.375	(3/2-)	3 10 NS LT
187PB 4			0.505	(9/2+)	4
187PB 5			0.527	(13/2+)	5 10 NS LT
187PB 6			0.607	(9/2+)	6
187PB 7			0.627		7
187PB 8			0.864	(17/2+)	8
187PB 9			1.280	(21/2+)	9
187PB 10			1.756	(25/2+)	10

S-p = 2.393 (0.021)-----
 S-n = 8.377 (0.012)-----
 S-2p = 3.381 (0.015)-----
 S-2n = 19.588 (0.017)-----
 S-alpha= -6.393 (0.009)-----

S+p = 0.503 (0.012)
 S+n = -10.895 (0.011)
 S+2p = -1.013 (0.023)
 S+2n = -19.000 (0.015)
 S+alpha = 7.493 (0.009)

gap p = 2.896 (0.025)
 gap n = -2.518 (0.017)
 gap 2p = 2.368 (0.027)
 gap 2n = 0.589 (0.023)
 gap alpha = 1.101 (0.012)