

^{217}Po $Z = 84$ $N = 133$ adopted link ENSDF link

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

BE = 1679.875 (0.007) MeV

Qbeta- = 1.489 (0.008) MeV

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

S-alpha=	-6.662 (0.010)				
217PO	1			0.000 (9/2+)	1 1.53 S 5
217PO	2			0.254 (7/2+)	2
217PO	3			0.265 (11/2+)	3
217PO	4			0.376	4
217PO	5			0.554	5
217PO	6			0.632	6
217PO	7			0.701	7
217PO	8			0.757	8
217PO	9			0.888	9
217PO	10			1.096	10

217PO	11			1.155	11
217PO	12			1.282	12
217PO	13			1.315	13
217PO	14			1.496	14

S-p = 7.280 (0.013)-----

S-n = 3.970 (0.007)-----

S-2p = 13.037 (0.053)-----

S-2n = 9.717 (0.007)-----

S-alpha= -6.662 (0.010)-----

S+p = -5.072 (0.013)

S+n = -5.598 (0.007)

S+2p = -11.632 (0.007)

S+2n = -9.345 (0.017)

S+alpha = 6.163 (0.009)

gap p = 2.207 (0.019)

gap n = -1.628 (0.010)

gap 2p = 1.405 (0.054)

gap 2n = 0.373 (0.018)

gap alpha = -0.499 (0.013)