

^{218}Po $Z = 84$ $N = 134$ adopted link ENSDF link

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

BE = 1685.474 (0.002) MeV

Qbeta- = 0.256 (0.012) MeV

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

S-alpha=	-6.115	(0.003)	-----		
218Po 1	0.000	0+			1 3.097 M 12
218Po 2	0.510	2+			2
218Po 3				0.676	3
218Po 4				0.935 (4+)	4
218Po 5				1.321 (6+)	5
218Po 6				1.584 (8+)	6
218Po 7				1.758	7
218Po 8				1.859	8
218Po 9				1.871	9
218Po 10				2.002	10

218Po 11				2.047	11
218Po 12				2.287	12

S-p = 7.662 (0.018)-----
 S-n = 5.598 (0.007)-----
 S-2p = 13.634 (0.216)-----
 S-2n = 9.568 (0.003)-----
 S-alpha= -6.115 (0.003)-----

S+p = -5.250 (0.004)
 S+n = -3.747 (0.016)
 S+2p = -12.323 (0.003)
 S+2n = -9.236 (0.018)
 S+alpha = 5.590 (0.003)

gap p = 2.413 (0.018)
 gap n = 1.852 (0.017)
 gap 2p = 1.311 (0.216)
 gap 2n = 0.332 (0.018)
 gap alpha = -0.524 (0.004)