

^{212}Po $Z = 84$ $N = 128$ [link to full NNDC output](#)

Based on ENSDF from Dec 2018, and mass evaluation from 2016

BE = 1655.771 (0.001) MeV

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

S-alpha=	-8.954	(0.002)	-----		
212PO 1	0.000	0+			1 0.299 US 2
212PO 2	0.727	2+			2
212PO 3	1.133	4+			3
212PO 4				1.249	4
212PO 5	1.356	6+			5 0.76 NS 21
212PO 6	1.476	8+			6 17.1 NS 2
212PO 7	1.513	2+			7
212PO 8				1.537	8
212PO 9				1.547	9
212PO 10				1.578	10

212PO 11				1.612	11
212PO 12	1.621	1+			12
212PO 13				1.657	13
212PO 14	1.679	2+			14
212PO 15				1.753	15
212PO 16				1.788	16
212PO 17	1.801	0+			17
212PO 18	1.806	2+			18
212PO 19	1.834	10+			19 0.55 NS 14
212PO 20				1.946	20

212PO 21				1.988	21
212PO 22				2.017	22
212PO 23				2.103	23
212PO 24				2.229	24
212PO 25				2.411	(11-) 25
212PO 26				2.471	26
212PO 27				2.583	27
212PO 28				2.702	28
212PO 29				2.772	(13-) 29
212PO 30				2.885	(14+) 30

212PO 31				2.922	(18+) 31 45.1 S 6

S-p = 5.799 (0.006)-----
S-n = 6.008 (0.002)-----
S-2p = 10.219 (0.002)-----
S-2n = 10.559 (0.001)-----

S-alpha= -8.954 (0.002)-----

S+p = -3.499 (0.005)

S+n = -4.356 (0.003)

S+2p = -8.528 (0.009)

S+2n = -10.243 (0.002)

S+alpha = 8.197 (0.006)

gap p = 2.300 (0.008)

gap n = 1.652 (0.004)

gap 2p = 1.690 (0.009)

gap 2n = 0.315 (0.002)

gap alpha = -0.757 (0.006)