

^{212}Pb $Z = 82$ $N = 130$ adopted link ENSDF link

Based on ensdf_240402 (Apr 2024), and mass evaluation from 2020

BE = 1654.516 (0.002) MeV

Qbeta- = 0.569 (0.003) MeV

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

S-alpha=	-3.292	(0.031)	-----		

212PB 1	0.000	0+			1 10.622 H 7
212PB 2	0.805	(2+)			2
212PB 3	1.120	(4+)			3
212PB 4	1.277	(6+)			4
212PB 5	1.335	(8+)			5 6.0 US 8
212PB 6			1.820	(3-)	6
212PB 7				2.249	7
212PB 8				2.287	8
212PB 9				2.488	9
212PB 10				2.616	10

212PB 11				3.067	11
212PB 12				3.140	12
212PB 13				3.174	13
212PB 14				3.256	14
212PB 15				3.285	15
212PB 16				3.526	16
212PB 17				3.716	17
212PB 18				3.844	18
212PB 19				4.093	19

S-p = 8.760 (0.042) -----
 S-n = 5.127 (0.003) -----
 S-2p = 16.726 (0.210) -----
 S-2n = 8.963 (0.002) -----
 S-alpha= -3.292 (0.031) -----

S+p = -4.972 (0.005)
 S+n = -3.726 (0.007)
 S+2p = -11.499 (0.002)
 S+2n = -8.777 (0.003)
 S+alpha = 6.906 (0.003)

gap p = 3.788 (0.042)
 gap n = 1.401 (0.008)
 gap 2p = 5.227 (0.210)
 gap 2n = 0.186 (0.004)

gap alpha = 3.615 (0.031)