

^{210}Pb $Z = 82$ $N = 128$ adopted link ENSDF link

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

BE = 1645.553 (0.001) MeV

Qbeta- = 0.063 (0.002) MeV

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

S-alpha=	-3.792	(0.020)	-----		
210PB 1	0.000	0+			1 22.20 Y 22
210PB 2	0.800	2+			2 17 PS 5
210PB 3	1.098	4+			3 0.6 NS 1
210PB 4	1.195	6+			4 49 NS 6
210PB 5	1.278	8+			5 201 NS 17
210PB 6				1.806 (10+)	6
210PB 7			1.870 3-		7
210PB 8				2.003	8
210PB 9				2.038	9
210PB 10				2.118	10

210PB 11				2.209 (2+)	11
210PB 12				2.414	12
210PB 13				2.454	13
210PB 14				2.512 (11-)	14
210PB 15				2.518 (6+)	15
210PB 16				2.701 (4+)	16
210PB 17				2.790	17
210PB 18			2.828 3-		18
210PB 19				2.861	19
210PB 20				2.901 (5-)	20

210PB 21				2.986	21
210PB 22				3.070 (2+)	22
210PB 23				3.120	23
210PB 24				3.150 (6+)	24
210PB 25				3.152 (13-)	25
210PB 26				3.194 (4+)	26
210PB 27				3.215	27
210PB 28				3.223	28
210PB 29				3.281	29
210PB 30				3.312 (8+)	30

210PB 31				3.365	31
210PB 32				3.420	32
210PB 33				3.460 (4+)	33
210PB 34				3.560	34
210PB 35				3.625	35
210PB 36				3.657	36

210PB 37				3.702		37
210PB 38				3.755		38
210PB 39				3.792		39
210PB 40				3.829		40

210PB 41				3.880		41
210PB 42				4.055		42
210PB 43				4.080	(2+)	43
210PB 44				4.105		44
210PB 45				4.128	(2+)	45
210PB 46				4.133	(14+)	46
210PB 47				4.185		47
210PB 48				4.255		48
210PB 49				4.285		49
210PB 50				4.390	(9-)	50

210PB 51				4.470		51
210PB 52				4.570		52
210PB 53				4.586		53
210PB 54				4.675		54
210PB 55				4.754		55
210PB 56				4.949	(11-)	56
210PB 57				5.165		57
S-n	=	5.185	(0.002)	-----		
210PB 58				5.396		58
210PB 59				5.445		59
210PB 60				5.492		60

210PB 61				5.544		61
210PB 62				5.557		62
210PB 63				5.599		63
210PB 64				5.688		64
210PB 65				5.741		65
210PB 66				5.839		66

S-p	=	8.373	(0.006)	-----		
S-n	=	5.185	(0.002)	-----		
S-2p	=	16.041	(0.031)	-----		
S-2n	=	9.123	(0.002)	-----		
S-alpha	=	-3.792	(0.020)	-----		

S+p	=	-4.420	(0.006)			
S+n	=	-3.836	(0.003)			
S+2p	=	-10.219	(0.002)			
S+2n	=	-8.963	(0.002)			
S+alpha	=	7.834	(0.002)			

gap p	=	3.953	(0.008)			
gap n	=	1.349	(0.004)			

gap 2p = 5.822 (0.031)
gap 2n = 0.160 (0.003)
gap alpha = 4.041 (0.021)