

^{186}Pb $Z = 82$ $N = 104$ adopted link ENSDF link

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

BE = 1451.794 (0.011) MeV

Qbeta+ = 5.202 (0.023) MeV

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

S-alpha=	-6.471	(0.015)	-----		
186PB 1	0.000	0+			1 4.81 S 3
186PB 2				0.530 (0+)	2
186PB 3				0.649 (0+)	3
186PB 4				0.662 (2+)	4 12.5 PS 35
186PB 5				0.923 (4+)	5 12.5 PS 28
186PB 6				0.945 (2+)	6
186PB 7				1.260 (6+)	7 4.2 PS 14
186PB 8				1.307 (3+)	8
186PB 9				1.337 (4+)	9
186PB 10				1.644 (5+)	10

186PB 11				1.675 (8+)	11 3.5 PS 14
186PB 12				1.738 (6+)	12
186PB 13				2.049 (7+)	13
186PB 14				2.161 (10+)	14
186PB 15				2.162 (8+)	15
S-p	= 2.212	(0.023)	-----		
186PB 16				2.287 (7-)	16
186PB 17				2.519 (9+)	17
186PB 18				2.593 (9-)	18
186PB 19				2.625 (10+)	19
186PB 20				2.710 (12+)	20

186PB 21				2.866	21
S-2p	= 2.914	(0.015)	-----		
186PB 22				2.962 (11-)	22
186PB 23				3.046 (11+)	23
186PB 24				3.133 (12+)	24
186PB 25				3.316 (14+)	25
186PB 26				3.381 (13-)	26
186PB 27				3.409	27
186PB 28				3.684 (14+)	28
186PB 29				3.843 (15-)	29
186PB 30				3.968 (16+)	30

186PB 31				4.341 (17-)	31
186PB 32				4.636 (18+)	32
186PB 33				5.309 (20+)	33

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S-p    =  2.212 ( 0.023)-----  
S-n    = 11.211 ( 0.020)-----  
S-2p   =  2.914 ( 0.015)-----  
S-2n   = 19.772 ( 0.017)-----  
S-alpha= -6.471 ( 0.015)-----  
  
S+p     =  1.009 ( 0.015)  
S+n     = -8.377 ( 0.012)  
S+2p    = -0.441 ( 0.023)  
S+2n    = -19.273 ( 0.015)  
S+alpha =  7.693 ( 0.017)  
  
gap p   =  3.221 ( 0.028)  
gap n   =  2.833 ( 0.023)  
gap 2p  =  2.473 ( 0.027)  
gap 2n  =  0.499 ( 0.023)  
gap alpha =  1.222 ( 0.023)
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