

$^{182}\text{Pb}$        $Z = 82$        $N = 100$       [link to full NNDC output](#)

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

BE = 1411.652 ( 0.012) MeV

Qbeta+ = 6.503 ( 0.017) MeV

	Energy T	J+	J-	J-other	T1/2
-----					
S-alpha=	-7.066	( 0.016)	-----		
182PB 1	0.000	0+			1      55 MS 5
182PB 2				0.888 (2+)	2
182PB 3				1.120 (4+)	3
S-p	= 1.315	( 0.015)	-----		
S-2p	= 1.153	( 0.017)	-----		
182PB 4				1.433 (6+)	4
182PB 5				1.826 (8+)	5
182PB 6				2.288 (10+)	6
182PB 7				2.812 (12+)	7

S-p = 1.315 ( 0.015)-----  
S-n = 11.779 ( 0.076)-----  
S-2p = 1.153 ( 0.017)-----  
S-2n = 21.026 ( 0.017)-----  
S-alpha= -7.066 ( 0.016)-----

S+p = 0.000 ( 0.000)  
S+n = -8.821 ( 0.031)  
S+2p = 0.000 ( 0.000)  
S+2n = -20.369 ( 0.018)  
S+alpha = 8.501 ( 0.022)

gap p = 0.000 ( 0.000)  
gap n = 2.958 ( 0.082)  
gap 2p = 0.000 ( 0.000)  
gap 2n = 0.657 ( 0.025)  
gap alpha = 1.435 ( 0.027)