

$^{182}\text{Pb}$        $Z = 82$        $N = 100$       adopted link      ENSDF link

Based on ensdf\_240402 (Apr 2024), and mass evaluation from 2020

BE = 1411.652 ( 0.012) MeV

Qbeta+ = 6.503 ( 0.017) MeV

	Energy T	J+	J-	J-other	T1/2
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S-alpha=	-7.066	( 0.016)	-----		
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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	= 1.152	( 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	= 11.785	( 0.086)	-----		
S-2p	= 1.152	( 0.017)	-----		
S-2n	= 21.026	( 0.017)	-----		
S-alpha=	-7.066	( 0.016)	-----		
S+p	= 0.000	( 0.000)			
S+n	= -8.827	( 0.031)			
S+2p	= 0.000	( 0.000)			
S+2n	= -20.370	( 0.018)			
S+alpha	= 8.501	( 0.022)			
gap p	= 0.000	( 0.000)			
gap n	= 2.958	( 0.091)			
gap 2p	= 0.000	( 0.000)			
gap 2n	= 0.656	( 0.025)			
gap alpha	= 1.435	( 0.027)			