

$^{193}\text{Pb}$        $Z = 82$        $N = 111$       adopted link      ENSDF link

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

BE      =    1515.841 ( 0.010) MeV

Qbeta+ =      5.248 ( 0.012) MeV

	Energy T	J+	J-	J-other	T1/2
-----					
S-alpha=	-4.972 ( 0.033)				
193PB 1			0.000	(3/2-)	1
-----					
S-p	= 3.646 ( 0.033)				
S-n	= 7.749 ( 0.012)				
S-2p	= 6.215 ( 0.025)				
S-2n	= 18.081 ( 0.012)				
S-alpha=	-4.972 ( 0.033)				
-----					
S+p	= -1.083 ( 0.012)				
S+n	= -10.050 ( 0.020)				
S+2p	= -3.465 ( 0.012)				
S+2n	= -17.651 ( 0.011)				
S+alpha	= 6.412 ( 0.014)				
-----					
gap p	= 2.564 ( 0.035)				
gap n	= -2.301 ( 0.023)				
gap 2p	= 2.750 ( 0.027)				
gap 2n	= 0.429 ( 0.017)				
gap alpha	= 1.439 ( 0.036)				