

$^{213}\text{Pa}$        $Z = 91$        $N = 122$       adopted link      ENSDF link

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

BE      =    1628.343 ( 0.057) MeV

Qbeta+ =      7.534 ( 0.058) MeV

	Energy T	J+	J-	J-other	T1/2
S-alpha=	-8.384 ( 0.080)				
S-p	= -0.254 ( 0.058)				
213PA	1		0.000	9/2-	1 5.3 MS +40-16

S-p      =    -0.254 ( 0.058)-----  
S-n      =    10.014 ( 0.105)-----  
S-2p     =    2.067 ( 0.078)-----  
S-2n     =    18.541 ( 0.090)-----  
S-alpha= -8.384 ( 0.080)-----

S+p      =    0.000 ( 0.000)  
S+n      =    -8.266 ( 0.099)  
S+2p     =    0.000 ( 0.000)  
S+2n     =    -17.992 ( 0.100)  
S+alpha =    0.000 ( 0.000)

gap p     =    0.000 ( 0.000)  
gap n     =    1.748 ( 0.144)  
gap 2p    =    0.000 ( 0.000)  
gap 2n    =    0.548 ( 0.135)  
gap alpha =    0.000 ( 0.000)