

$^{222}\text{Pa}$        $Z = 91$        $N = 131$       adopted link      ENSDF link

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

BE      =    1698.575 ( 0.087) MeV

Qbeta+ =      4.861 ( 0.087) MeV

	Energy T	J+	J-	J-other	T1/2
-----					
S-alpha=	-8.789 ( 0.104)				
222PA 1			0.000		1 2.9 MS +6-4

S-p      =    2.164 ( 0.087)-----

S-n      =    6.382 ( 0.105)-----

S-2p    =    6.257 ( 0.087)-----

S-2n    = 14.357 ( 0.088)-----

S-alpha= -8.789 ( 0.104)-----

S+p      =  -3.308 ( 0.105)

S+n      = -7.798 ( 0.115)

S+2p    = -4.610 ( 0.091)

S+2n    = -14.345 ( 0.087)

S+alpha =    8.328 ( 0.134)

gap p    = -1.144 ( 0.136)

gap n    = -1.416 ( 0.156)

gap 2p   =  1.647 ( 0.126)

gap 2n   =  0.012 ( 0.124)

gap alpha = -0.461 ( 0.170)