

$^{221}\text{Po}$        $Z = 84$        $N = 137$       adopted link      ENSDF link

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

BE      =    1698.270 ( 0.020) MeV

Qbeta- =      2.991 ( 0.024) MeV

	Energy T	J+	J-	J-other	T1/2
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S-alpha=	-5.048 ( 0.218)				
221PO	1			0.000	1 112 S +58-28

S-p      =    8.450 ( 0.221)-----

S-n      =    3.561 ( 0.026)-----

S-2p     =  15.474 ( 0.438)-----

S-2n     =    9.050 ( 0.025)-----

S-alpha= -5.048 ( 0.218)-----

S+p      =  -6.110 ( 0.025)

S+n      =  -5.359 ( 0.045)

S+2p     = -13.962 ( 0.021)

S+2n     =  -8.795 ( 0.224)

S+alpha  =    4.336 ( 0.023)

gap p     =    2.341 ( 0.222)

gap n     =  -1.798 ( 0.052)

gap 2p    =    1.512 ( 0.439)

gap 2n    =    0.256 ( 0.225)

gap alpha =  -0.713 ( 0.219)