

$^{221}\text{At}$        $Z = 85$        $N = 136$       adopted link      ENSDF link

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

BE = 1700.479 ( 0.014) MeV

Qbeta- = 2.311 ( 0.015) MeV

	Energy T	J+	J-	J-other	T1/2
S-alpha=	-5.628 ( 0.023)				
221AT	1			0.000	1 2.3 M 2

S-p = 5.770 ( 0.023)

S-n = 5.664 ( 0.020)

S-2p = 14.179 ( 0.219)

S-2n = 9.756 ( 0.014)

S-alpha= -5.628 ( 0.023)

S+p = -7.700 ( 0.014)

S+n = -3.901 ( 0.021)

S+2p = -12.978 ( 0.014)

S+2n = -9.497 ( 0.020)

S+alpha = 4.613 ( 0.018)

gap p = -1.930 ( 0.027)

gap n = 1.763 ( 0.029)

gap 2p = 1.201 ( 0.220)

gap 2n = 0.259 ( 0.024)

gap alpha = -1.015 ( 0.029)