

^{196}At $Z = 85$ $N = 111$ adopted link ENSDF link

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

BE = 1519.392 (0.030) MeV

Qbeta+ = 9.556 (0.031) MeV

	Energy T	J+	J-	J-other	T1/2

S-alpha=	-7.196	(0.043)			
196AT 1			0.000	(3+)	1 0.388 S 7
S-p =	0.085	(0.031)			
196AT 2			0.158	(5+)	2 11 US 2

S-p = 0.085 (0.031)-----

S-n = 8.514 (0.032)-----

S-2p = 2.468 (0.031)-----

S-2n = 19.339 (0.038)-----

S-alpha= -7.196 (0.043)-----

S+p = -1.865 (0.034)

S+n = -10.514 (0.031)

S+2p = -1.087 (0.043)

S+2n = -18.938 (0.031)

S+alpha = 7.622 (0.043)

gap p = -1.780 (0.046)

gap n = -1.999 (0.045)

gap 2p = 1.381 (0.053)

gap 2n = 0.401 (0.049)

gap alpha = 0.425 (0.061)