

^{201}At $Z = 85$ $N = 116$ adopted link ENSDF link

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

BE = 1566.625 (0.008) MeV

Qbeta+ = 5.732 (0.010) MeV

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

S-alpha=	-6.473 (0.012)				
201AT	1			0.000 (9/2-)	1 85.2 S 16
201AT	2			0.635 (13/2-)	2
201AT	3			0.749 (13/2+)	3 15.9 NS 14
S-p	= 1.137 (0.011)				
201AT	4			1.229 (17/2-)	4
201AT	5			1.495 (17/2+)	5
201AT	6			1.706 (21/2-)	6
201AT	7			1.790	7
201AT	8			1.921	8
201AT	9			2.077 (23/2-)	9

S-p = 1.137 (0.011)-----
 S-n = 9.873 (0.026)-----
 S-2p = 4.570 (0.013)-----
 S-2n = 18.109 (0.010)-----
 S-alpha= -6.473 (0.012)-----

S+p = -2.774 (0.019)
 S+n = -7.877 (0.029)
 S+2p = -2.912 (0.010)
 S+2n = -17.516 (0.013)
 S+alpha = 7.055 (0.011)

gap p = -1.637 (0.022)
 gap n = 1.996 (0.039)
 gap 2p = 1.658 (0.017)
 gap 2n = 0.593 (0.017)
 gap alpha = 0.582 (0.016)