

^{204}At $Z = 85$ $N = 119$ adopted link ENSDF link

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

BE = 1591.925 (0.023) MeV

Qbeta+ = 6.466 (0.025) MeV

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

S-alpha=	-6.070 (0.032)				
204AT	1 0.000	7+			1 9.12 M 11
204AT	2		0.587	10-	2 108 MS 10

S-p = 1.853 (0.023)-----
 S-n = 7.784 (0.025)-----
 S-2p = 5.702 (0.027)-----
 S-2n = 17.423 (0.036)-----
 S-alpha= -6.070 (0.032)-----

S+p = -3.123 (0.023)
 S+n = -9.181 (0.026)
 S+2p = -3.949 (0.036)
 S+2n = -16.707 (0.026)
 S+alpha = 6.786 (0.025)

gap p = -1.270 (0.033)
 gap n = -1.397 (0.036)
 gap 2p = 1.753 (0.045)
 gap 2n = 0.716 (0.044)
 gap alpha = 0.715 (0.041)