

^{215}At $Z = 85$ $N = 130$ adopted link ENSDF link

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

BE = 1670.090 (0.007) MeV

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

S-alpha=	-8.178 (0.009)				
215AT 1			0.000 9/2-		1 0.10 MS 2
215AT 2				0.170 (7/2)-	2
215AT 3				0.352 (5/2)-	3
215AT 4				0.364 (13/2+)	4
215AT 5				0.472 (7/2-)	5
215AT 6				0.517 (13/2)-	6
215AT 7				0.580 (3/2-)	7

S-p = 4.076 (0.007)-----

S-n = 5.949 (0.008)-----

S-2p = 10.603 (0.008)-----

S-2n = 10.820 (0.008)-----

S-alpha= -8.178 (0.009)-----

S+p = -5.779 (0.009)

S+n = -4.558 (0.008)

S+2p = -9.007 (0.009)

S+2n = -10.491 (0.008)

S+alpha = 7.449 (0.010)

gap p = -1.703 (0.011)

gap n = 1.391 (0.011)

gap 2p = 1.596 (0.013)

gap 2n = 0.328 (0.012)

gap alpha = -0.729 (0.013)