

^{193}At $Z = 85$ $N = 108$ adopted link ENSDF link

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

BE = 1491.332 (0.022) MeV

Qbeta+ = 8.258 (0.026) MeV

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

S-alpha=	-7.572	(0.030)	-----		
S-p =	-0.710	(0.024)	-----		
193AT	1			0.000 (1/2+)	1 28 MS +5-4
193AT	2			0.005 (7/2-)	2 21 MS 5
193AT	3			0.039 (13/2+)	3 27 MS +4-3

S-p = -0.710 (0.024)-----

S-n = 11.064 (0.035)-----

S-2p = 1.406 (0.023)-----

S-2n = 20.074 (0.027)-----

S-alpha= -7.572 (0.030)-----

S+p = -1.497 (0.027)

S+n = -8.720 (0.032)

S+2p = 0.000 (0.000)

S+2n = -19.546 (0.024)

S+alpha = 7.896 (0.060)

gap p = -2.207 (0.036)

gap n = 2.344 (0.048)

gap 2p = 0.000 (0.000)

gap 2n = 0.528 (0.036)

gap alpha = 0.324 (0.068)