

^{214}At $Z = 85$ $N = 129$ adopted link ENSDF link

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

BE = 1664.142 (0.004) MeV
 Qbeta- = 0.941 (0.010) MeV
 Qbeta+ = 1.091 (0.004) MeV

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

S-alpha=	-8.988 (0.004)				
214AT 1			0.000 1-		1 558 NS 10
214AT 2				0.059	2 265 NS 30
214AT 3				0.078 (0-)	3
214AT 4				0.145 (2-)	4
214AT 5				0.187 (3-)	5
214AT 6				0.228 (4-)	6
214AT 7			0.231 9-		7 760 NS 15
214AT 8				0.278 (7-)	8
214AT 9				0.302 (6-)	9
214AT 10				0.304 (1-,2-)	10

214AT 11				0.334	11
214AT 12				0.343 (8-)	12
214AT 13				0.412	13
214AT 14				0.455	14
214AT 15				0.495	15
214AT 16				0.504	16
214AT 17				0.565	17
214AT 18				0.631	18
214AT 19				0.728 (8-)	19
214AT 20				0.790	20

214AT 21				0.864	21
214AT 22				0.883	22
214AT 23				0.975	23
214AT 24				1.018	24
214AT 25				1.138	25

S-p = 4.015 (0.005)-----
 S-n = 4.871 (0.006)-----
 S-2p = 9.839 (0.004)-----
 S-2n = 10.894 (0.005)-----
 S-alpha= -8.988 (0.004)-----

S+p = -5.079 (0.007)
 S+n = -5.949 (0.008)
 S+2p = -8.228 (0.006)

S+2n = -10.507 (0.005)
S+alpha = 8.014 (0.006)

gap p = -1.064 (0.009)
gap n = -1.078 (0.010)
gap 2p = 1.611 (0.007)
gap 2n = 0.387 (0.007)
gap alpha = -0.974 (0.007)