

^{215}Ac $Z = 89$ $N = 126$ adopted link ENSDF link

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

BE = 1659.674 (0.012) MeV

Qbeta+ = 3.499 (0.014) MeV

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

S-alpha=	-7.746	(0.017)	-----		
215AC	1		0.000	9/2-	1 0.17 S 1
215AC	2			1.317 (13/2-)	2
S-p	=	1.351	(0.013)	-----	
215AC	3			1.621 (17/2-)	3 30 NS 10
215AC	4			1.796 (21/2-)	4 185 NS 30

S-p = 1.351 (0.013)-----
 S-n = 8.474 (0.018)-----
 S-2p = 4.993 (0.013)-----
 S-2n = 16.253 (0.017)-----
 S-alpha= -7.746 (0.017)-----

S+p = -3.021 (0.017)
 S+n = -5.952 (0.015)
 S+2p = -3.554 (0.018)
 S+2n = -13.471 (0.017)
 S+alpha = 10.128 (0.071)

gap p = -1.670 (0.021)
 gap n = 2.522 (0.024)
 gap 2p = 1.439 (0.022)
 gap 2n = 2.782 (0.024)
 gap alpha = 2.381 (0.073)