

^{226}Ac $Z = 89$ $N = 137$ adopted link ENSDF link

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

BE = 1730.180 (0.003) MeV
 Qbeta- = 1.112 (0.005) MeV
 Qbeta+ = 0.642 (0.004) MeV

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

S-alpha=	-5.506	(0.008)	-----		
226AC 1				0.000 (1)	1 29.37 H 12
226AC 2				0.005	2
226AC 3				0.019	3
226AC 4				0.033	4
226AC 5				0.045	5
226AC 6				0.058	6
226AC 7				0.070	7
226AC 8				0.078	8
226AC 9				0.130	9
226AC 10				0.165	10

226AC 11				0.195	11
226AC 12				0.230	12
226AC 13				0.265	13
226AC 14				0.290	14
226AC 15				0.378	15
226AC 16				0.418	16
226AC 17				0.556	17
226AC 18				0.589 (2-)	18

S-p = 4.973 (0.004)-----
 S-n = 5.399 (0.006)-----
 S-2p = 12.017 (0.012)-----
 S-2n = 12.068 (0.005)-----
 S-alpha= -5.506 (0.008)-----

S+p = -5.793 (0.004)
 S+n = -6.531 (0.004)
 S+2p = -9.964 (0.005)
 S+2n = -11.557 (0.004)
 S+alpha = 5.439 (0.004)

gap p = -0.821 (0.005)
 gap n = -1.132 (0.007)
 gap 2p = 2.054 (0.013)
 gap 2n = 0.510 (0.006)
 gap alpha = -0.067 (0.009)