

$^{234}\text{Ac}$        $Z = 89$        $N = 145$       adopted link      ENSDF link

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

BE = 1774.218 ( 0.014) MeV

Qbeta- = 4.228 ( 0.014) MeV

	Energy T	J+	J-	J-other	T1/2
S-alpha=	-2.929 ( 0.015)				
234AC 1				0.000	1 44 S 7

S-p = 6.782 ( 0.016)

S-n = 4.538 ( 0.019)

S-2p = 15.810 ( 0.020)

S-2n = 10.456 ( 0.019)

S-alpha= -2.929 ( 0.015)

S+p = -8.112 ( 0.019)

S+n = -5.555 ( 0.020)

S+2p = -14.085 ( 0.020)

S+2n = -9.763 ( 0.041)

S+alpha = 3.628 ( 0.021)

gap p = -1.331 ( 0.025)

gap n = -1.017 ( 0.027)

gap 2p = 1.725 ( 0.028)

gap 2n = 0.693 ( 0.045)

gap alpha = 0.699 ( 0.026)