

^{237}Am $Z = 95$ $N = 142$ adopted link ENSDF link

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

BE = 1791.957 (0.000) MeV

Qbeta+ = 1.531 (0.002) MeV

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

S-alpha=	-6.249 (0.051)				
237AM 1				0.000 5/2(-)	1 73.6 M 8
237AM 2				2.400	2 5 NS 2

S-p = 3.568 (0.002)-----
 S-n = 7.561 (0.236)-----
 S-2p = 8.999 (0.001)-----
 S-2n = 14.145 (0.053)-----
 S-alpha= -6.249 (0.051)-----

S+p = -4.466 (0.012)
 S+n = -6.272 (0.059)
 S+2p = -6.996 (0.239)
 S+2n = -13.375 (0.002)
 S+alpha = 6.969 (0.241)

gap p = -0.898 (0.012)
 gap n = 1.289 (0.243)
 gap 2p = 2.003 (0.239)
 gap 2n = 0.770 (0.053)
 gap alpha = 0.720 (0.246)