

^{117}Ag $Z = 47$ $N = 70$ adopted link ENSDF link

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

BE = 989.756 (0.014) MeV

Qbeta- = 4.237 (0.014) MeV

	Energy T	J+	J-	J-other	T1/2
117AG	1			0.000 (1/2-)	1 72.8 S +20-7
117AG	2			0.029 (7/2+)	2 5.34 S 5
117AG	3			0.248 (3/2-)	3
117AG	4			0.324 (5/2-)	4

S-p = 9.640 (0.015)-----
 S-n = 7.711 (0.014)-----
 S-2p = 22.531 (0.015)-----
 S-2n = 13.342 (0.023)-----
 S-alpha= 5.840 (0.015)-----

S+p = -11.809 (0.024)
 S+n = -5.443 (0.014)
 S+2p = -20.095 (0.015)
 S+2n = -12.607 (0.020)
 S+alpha = -6.078 (0.031)

gap p = -2.169 (0.029)
 gap n = 2.267 (0.020)
 gap 2p = 2.436 (0.022)
 gap 2n = 0.735 (0.030)
 gap alpha = -0.238 (0.034)