

^{116}Ag $Z = 47$ $N = 69$ adopted link ENSDF link

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

BE = 982.045 (0.003) MeV

Qbeta- = 6.170 (0.003) MeV

	Energy T	J+	J-	J-other	T1/2
116AG 1				0.000 (0-)	1 230 S 5
116AG 2				0.048 (3+)	2 20 S 1
116AG 3				0.091 (1)-	3
116AG 4	0.115	1+			4
116AG 5				0.130 (6-)	5 9.3 S 3
116AG 6				0.216 (2)	6
116AG 7	0.393	1+			7

S-p = 9.406 (0.014)-----
 S-n = 5.631 (0.019)-----
 S-2p = 21.410 (0.072)-----
 S-2n = 13.754 (0.006)-----
 S-alpha= 5.237 (0.044)-----

S+p = -11.165 (0.003)
 S+n = -7.711 (0.014)
 S+2p = -19.263 (0.008)
 S+2n = -13.154 (0.004)
 S+alpha = -5.610 (0.040)

gap p = -1.759 (0.014)
 gap n = -2.079 (0.023)
 gap 2p = 2.147 (0.072)
 gap 2n = 0.601 (0.007)
 gap alpha = -0.373 (0.060)