

^{118}Ag $Z = 47$ $N = 71$ adopted link ENSDF link

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

BE = 995.199 (0.003) MeV

Qbeta- = 7.148 (0.020) MeV

	Energy T	J+	J-	J-other	T1/2
118AG 1				0.000 1(-)	1 3.76 S 15
118AG 2				0.046 0(-) TO 2(-)	2 0.1 US AP
118AG 3				0.096 (0-,1-,2-)	3
118AG 4				0.125 (0-,1-,2-)	4
118AG 5				0.128 4(+)	5 2.0 S 2
118AG 6				0.154	6
118AG 7				0.251 0+,1+,2+	7
118AG 8				0.279 (2+,3+)	8 0.1 US AP
118AG 9				0.330	9
118AG 10				0.371 (0+,1+,2+)	10

118AG 11	0.396	1+			11
118AG 12	0.475	1+			12
118AG 13				0.563 (0+,1+,2+)	13
118AG 14	0.642	1+			14
118AG 15	0.720	1+			15

S-p = 10.419 (0.008)-----

S-n = 5.443 (0.014)-----

S-2p = 23.396 (0.074)-----

S-2n = 13.154 (0.004)-----

S-alpha= 6.268 (0.072)-----

S+p = -11.712 (0.038)

S+n = -7.163 (0.015)

S+2p = -20.752 (0.040)

S+2n = -12.240 (0.005)

S+alpha = -6.442 (0.050)

gap p = -1.293 (0.039)

gap n = -1.720 (0.020)

gap 2p = 2.644 (0.084)

gap 2n = 0.913 (0.007)

gap alpha = -0.174 (0.087)