

^{102}Ag $Z = 47$ $N = 55$ adopted link ENSDF link

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

BE = 868.751 (0.008) MeV

Qbeta+ = 5.656 (0.008) MeV

	Energy T	J+	J-	J-other	T1/2
102AG 1				0.000 5(+)	1 12.9 M 3
102AG 2	0.009	2+			2 7.7 M 5
102AG 3				0.097 4(+)	3
102AG 4				0.126 2+,3+	4
102AG 5				0.141 6(+)	5 3.5 NS 5
102AG 6	0.156	3+			6
102AG 7				0.181 7(+)	7
102AG 8				0.187 (5+)	8
102AG 9				0.336 6(+)	9
102AG 10	0.370	2+			10
102AG 11				0.382 (7+)	11
102AG 12	0.490	1+			12
102AG 13				0.541 1+,2+,3+	13
102AG 14				0.846 8(+)	14 0.35 PS 13
102AG 15				0.922 (8+)	15
102AG 16				1.020 9(+)	16 1.03 PS 9
102AG 17	1.046	1+			17
102AG 18				1.201 9(+)	18
102AG 19	1.369	1+			19
102AG 20	1.449	1+			20
S-alpha=	1.496 (0.014)				
102AG 21				1.549 (8-)	21 154 PS 28
102AG 22				1.706 (9-)	22 3.7 PS 12
102AG 23				1.727 (1+)	23
102AG 24				1.766 (10+)	24 0.27 PS 9
102AG 25				1.838 (10+)	25
102AG 26				1.896 11(+)	26 1.78 PS 67
102AG 27	1.965	1+			27
102AG 28				2.104 (10-)	28 0.34 PS 8
102AG 29				2.117 (9-,10-)	29 2.8 NS LT
102AG 30				2.179 (10-)	30
102AG 31				2.204	31
102AG 32				2.378 (10-)	32
102AG 33				2.453 (11-)	33 0.44 PS 10
102AG 34				2.533 (11-)	34
102AG 35				2.615 (11-)	35
102AG 36				2.618	36

102AG 37				2.689		37		
102AG 38				2.847	13(+)	38		
102AG 39				2.889	(12-)	39		
102AG 40				2.920	(12-)	40	0.47 PS	7

102AG 41				2.937	(12-)	41		
102AG 42				3.043	12(+)	42		
102AG 43				3.157	13(-)	43		
102AG 44				3.194	(13-)	44	1.50 PS	33
102AG 45				3.407	(13-)	45		
102AG 46				3.712	(14-)	46		
102AG 47				4.095	14(+)	47		
S-p	=	4.103	(0.009)	-----				
102AG 48				4.178	(15-)	48		
102AG 49				4.681	(16-)	49		
102AG 50				4.746		50		

102AG 51				5.164	(17-)	51		
102AG 52				5.644	(18-)	52		
102AG 53				6.108	(19-)	53		
102AG 54				0.000	5(+)	54	12.9 M	3

S-p = 4.103 (0.009)-----
S-n = 8.984 (0.009)-----
S-2p = 11.233 (0.020)-----
S-2n = 20.251 (0.010)-----
S-alpha= 1.496 (0.014)-----

S+p = -5.694 (0.008)
S+n = -10.627 (0.009)
S+2p = -8.514 (0.010)
S+2n = -19.012 (0.009)
S+alpha = -0.786 (0.015)

gap p = -1.591 (0.013)
gap n = -1.644 (0.013)
gap 2p = 2.719 (0.022)
gap 2n = 1.239 (0.013)
gap alpha = 0.710 (0.021)