

^{100}Ag $Z = 47$ $N = 53$ adopted link ENSDF link

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

BE = 848.500 (0.005) MeV

Qbeta+ = 7.075 (0.018) MeV

	Energy T	J+	J-	J-other	T1/2
100AG 1				0.000 (5)+	1 2.01 M 10
100AG 2				0.016 (2)+	2 2.24 M 15
100AG 3				0.070 (6+)	3
100AG 4				0.118 (7+)	4
100AG 5				0.125 (4)+	5
100AG 6				0.155 (1,2,3)+	6
100AG 7				0.236 (3)+	7
100AG 8				0.265 (7+)	8
100AG 9				0.304 (3)+	9
100AG 10				0.583 (1,2,3)+	10
100AG 11				0.835 (8+)	11
S-alpha=	0.875 (0.011)				
100AG 12				0.886 (1,2,3)+	12
100AG 13	0.952	1+			13
100AG 14				0.973 (8+)	14
100AG 15				1.002 (9+)	15
100AG 16				1.039 (1,2)-	16
100AG 17				1.123 (9+)	17
100AG 18	1.156	1+			18
100AG 19	1.213	1+			19
100AG 20	1.393	1+			20
100AG 21				1.530 (10+)	21
100AG 22	1.574	1+			22
100AG 23				1.607 (10+)	23
100AG 24				1.635 (8-)	24
100AG 25				1.723 (11+)	25
100AG 26	1.893	1+			26
100AG 27	1.960	1+			27
100AG 28				2.047 (11)	28
100AG 29				2.082 (9-)	29
100AG 30				2.121	30
100AG 31				2.243 (10-)	31
100AG 32				2.250 (9-)	32
100AG 33				2.479 (10-)	33
100AG 34				2.550 (12+)	34
100AG 35				2.653 (13+)	35
100AG 36				2.857 (11-)	36

100AG	37				2.894	(13+)	37
100AG	38				3.227	(12-)	38
S-p	=	3.244	(0.007)	-----			
100AG	39				3.435	(13-)	39
100AG	40				3.596	(14+)	40

100AG	41				3.740	(15+)	41
100AG	42				3.987	(14-)	42
100AG	43				4.006	(14-)	43
100AG	44				4.115		44
100AG	45				4.135		45
100AG	46				4.613	(15-)	46
100AG	47				4.631	(16+)	47
100AG	48				5.174	(16-)	48
100AG	49				5.330	(16-)	49
100AG	50				5.592	(17+)	50

100AG	51				6.016	(18+)	51
100AG	52				6.068	(17-)	52
100AG	53				6.227	(18-)	53
100AG	54				6.326	(18-)	54
100AG	55				7.623	(19-)	55
100AG	56				7.784	(19+)	56
100AG	57				8.699	(20-)	57

S-p = 3.244 (0.007)-----
S-n = 9.497 (0.008)-----
S-2p = 9.541 (0.013)-----
S-2n = 21.214 (0.033)-----
S-alpha= 0.875 (0.011)-----

S+p = -4.987 (0.005)
S+n = -11.268 (0.007)
S+2p = -7.135 (0.007)
S+2n = -20.251 (0.010)
S+alpha = -0.470 (0.008)

gap p = -1.743 (0.009)
gap n = -1.771 (0.011)
gap 2p = 2.406 (0.015)
gap 2n = 0.963 (0.035)
gap alpha = 0.406 (0.014)