

^{106}Ag $Z = 47$ $N = 59$ adopted link ENSDF link

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

BE = 905.732 (0.003) MeV
 Qbeta- = 0.190 (0.003) MeV
 Qbeta+ = 2.965 (0.003) MeV

	Energy T	J+	J-	J-other	T1/2
106AG 1	0.000	1+			1 23.96 M 4
106AG 2	0.090	6+			2 8.28 D 2
106AG 3				0.111 (2)+	3
106AG 4				0.206 (3)+	4
106AG 5				0.235 (1+,2+,3+)	5
106AG 6				0.257	6
106AG 7				0.277 1-,2-	7
106AG 8	0.329	5+			8
106AG 9	0.333	7+			9
106AG 10				0.364 (2,3)-	10
106AG 11	0.389	3+			11
106AG 12				0.417 (1-)	12
106AG 13				0.425 (2,3)-	13
106AG 14				0.449 (4)+	14
106AG 15				0.469	15
106AG 16				0.503 (3+,4,5+)	16
106AG 17				0.518 (3,4)-	17
106AG 18				0.543 6	18
106AG 19				0.557 (5+)	19
106AG 20				0.565 (2,3)-	20
106AG 21				0.596 1-,2-,3-	21
106AG 22				0.597 1-,2-,3-	22
106AG 23				0.603 (2-,3-)	23
106AG 24	0.626	7+			24
106AG 25			0.661 1-		25
106AG 26				0.676 (5+)	26
106AG 27				0.680 0-,1-	27
106AG 28				0.698 1-,2-,3-	28
106AG 29				0.712 (4+)	29
106AG 30	0.721	7+			30
106AG 31				0.730 (2+)	31
106AG 32				0.742 (3+,4+)	32
106AG 33				0.749	33
106AG 34			0.765 6-		34
106AG 35				0.770 1-,2-,3-	35
106AG 36				0.770 6	36

106AG 37						0.774	(5+)	37
106AG 38						0.776	(4+,5)	38
106AG 39						0.797		39
106AG 40						0.809	0-,1-	40

106AG 41						0.812	(3-)	41
106AG 42						0.816	(4+)	42
106AG 43				0.829	7-			43
106AG 44						0.835	(2+,3+)	44
106AG 45						0.851		45
106AG 46						0.862	(3-,4,5-)	46
106AG 47				0.874	8-			47 157 PS 31
106AG 48						0.881	(6+)	48
106AG 49						0.888	(5+)	49
106AG 50						0.903	1-,2-,3-	50

106AG 51						0.912	(5,7)-	51
106AG 52						0.917	1-,2-,3-	52
106AG 53						0.923	(2+,3+,4+)	53
106AG 54						0.924	(1+,2+)	54
106AG 55				0.927	8-			55
106AG 56						0.927	(6+)	56
106AG 57						0.933	(5+)	57
106AG 58						0.936	0-,1-	58
106AG 59						0.945	(2+,3+,4+)	59
106AG 60						0.950		60

106AG 61		0.962	8+					61
106AG 62						0.971	+	62
106AG 63		0.979	8+					63
106AG 64						1.002	(2-,3-,4-)	64
106AG 65						1.003		65
106AG 66						1.007	1-,2-,3-	66
106AG 67						1.022	1-,2-,3-	67
106AG 68				1.044	9-			68 2.9 PS 8
106AG 69						1.063	(4+,5+)	69
106AG 70						1.082	+	70

106AG 71						1.087	(4-,5-)	71
106AG 72						1.106	0-,1-	72
106AG 73						1.106	(3-,4-)	73
106AG 74						1.124	(5-,6-)	74
106AG 75						1.134	(4+)	75
106AG 76						1.136	(2-,3-,4-)	76
106AG 77						1.145	(2-,3-,4-)	77
106AG 78						1.150	(2+,3+,4+)	78
106AG 79						1.167	(2-,3-,4-)	79
106AG 80				1.176	1-			80

106AG 81						1.225	(6,7)-	81

106AG 82						1.230	(2-,3-,4-)	82
106AG 83						1.263		83
106AG 84						1.289	(4+,5+)	84
106AG 85						1.303	(5-,6-,7-)	85
106AG 86						1.330	(3-,4-)	86
106AG 87		1.388	9+					87
106AG 88						1.398	+	88
106AG 89						1.413	(5,6)-	89
106AG 90				1.421	10-			90 0.28 PS 8

106AG 91						1.434		91
106AG 92						1.491	+	92
106AG 93						1.533		93
106AG 94				1.553	10-			94
106AG 95		1.572	9+					95
106AG 96						1.589	-	96
106AG 97						1.616	+	97
106AG 98						1.662	+	98
106AG 99						1.684	(+)	99
106AG 100				1.764	11-			100 0.41 PS 8

106AG 101				1.863	9-			101
106AG 102		1.902	10+					102
106AG 103				1.926	11-			103
106AG 104						1.958	11(-)	104
106AG 105				2.033	9-			105
106AG 106		2.115	10+					106
106AG 107				2.247	12-			107
106AG 108				2.254	12-			108 0.22 PS 7
106AG 109				2.272	10-			109
106AG 110				2.442	11-			110

106AG 111				2.513	13-			111
106AG 112		2.572	11+					112

S-alpha=	2.584	(0.007)						
106AG 113				2.661	12-			113
106AG 114				2.745	13-			114 0.27 PS 8
106AG 115				2.764	14-			115
106AG 116				2.931	13-			116
106AG 117		3.017	11+					117
106AG 118				3.180	15-			118
106AG 119		3.216	12+					119
106AG 120				3.257	14-			120

106AG 121		3.260	12+					121
106AG 122				3.297	14-			122
106AG 123		3.446	13+					123
106AG 124		3.490	13+					124
106AG 125				3.686	15-			125
106AG 126		3.704	14+					126

106AG 127		3.749	14+							127
106AG 128							3.785	(12)		128
106AG 129							3.872	(14)		129
106AG 130					3.891	15-				130

106AG 131		4.051	15+							131 0.374 PS 21
106AG 132		4.095	15+							132
106AG 133					4.223	16-				133
106AG 134		4.456	16+							134 0.354 PS 14
106AG 135		4.500	16+							135
106AG 136					4.503	16-				136
106AG 137					4.743	17-				137
106AG 138		4.921	17+							138 0.234 PS 7
106AG 139		4.965	17+							139
106AG 140							5.127	(17-)		140

106AG 141							5.415	(18-)		141
106AG 142		5.424	18+							142 0.215 PS +14-21
106AG 143		5.469	18+							143
106AG 144		5.555	18+							144
106AG 145							5.801	(18-)		145

S-p	=	5.813	(0.003)	-----						
106AG 146		6.011	19+							146
106AG 147					6.027	19-				147
106AG 148		6.056	19+							148
106AG 149							6.436	(19-)		149
106AG 150							6.761	(20-)		150

S-p = 5.813 (0.003)-----
S-n = 7.943 (0.005)-----
S-2p = 14.561 (0.004)-----
S-2n = 17.969 (0.005)-----
S-alpha= 2.584 (0.007)-----

S+p = -7.337 (0.003)
S+n = -9.536 (0.004)
S+2p = -11.755 (0.009)
S+2n = -16.807 (0.004)
S+alpha = -1.953 (0.012)

gap p = -1.523 (0.005)
gap n = -1.593 (0.007)
gap 2p = 2.806 (0.010)
gap 2n = 1.162 (0.006)
gap alpha = 0.632 (0.014)