

$^{108}\text{Ag}$        $Z = 47$        $N = 61$       adopted link      ENSDF link

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

BE = 922.539 ( 0.002) MeV

Qbeta- = 1.646 ( 0.003) MeV

Qbeta+ = 1.917 ( 0.003) MeV

	Energy T	J+	J-	J-other	T1/2
108AG 1	0.000	1+			1 2.382 M 11
108AG 2			0.079 2-		2 1.2 NS 4
108AG 3	0.109	6+			3 438 Y 9
108AG 4				0.156 5+,6+	4
108AG 5	0.193	1+			5 0.5 NS LT
108AG 6	0.207	2+			6 0.2 NS LT
108AG 7	0.215	3+			7 45.8 NS 7
108AG 8				0.287	8
108AG 9				0.290	9
108AG 10	0.295	2+			10 0.14 NS LT
108AG 11	0.324	3+			11
108AG 12				0.332	12
108AG 13			0.338 3-		13 0.11 NS LT
108AG 14				0.364 3+,4+	14
108AG 15				0.365	15
108AG 16				0.375 (7+)	16
108AG 17			0.379 1-		17 0.14 NS LT
108AG 18	0.408	3+			18 0.14 NS LT
108AG 19				0.420	19
108AG 20				0.439 (6-)	20
108AG 21				0.452	21
108AG 22			0.466 0-		22
108AG 23				0.472 3+,4+	23
108AG 24				0.485 4-,5-	24
108AG 25				0.497 (7-)	25
108AG 26			0.508 2-		26 0.2 NS LT
108AG 27			0.517 3-		27 0.14 NS LT
108AG 28				0.522 (6+)	28
108AG 29				0.533 (8-)	29
108AG 30				0.538	30
108AG 31			0.543 3-		31
108AG 32	0.564	2+			32 0.14 NS LT
108AG 33				0.579 0-,2-	33
108AG 34				0.587 (4)-	34
108AG 35				0.599 4-,3-	35
108AG 36			0.607 1-		36

108AG 37						0.612	2+,3+	37
108AG 38		0.616	3+					38
108AG 39					0.617	2-		39
108AG 40							0.645 (3)+	40
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108AG 41					0.656	3-		41
108AG 42							0.657 3+,4+	42
108AG 43							0.675	43
108AG 44					0.679	1-		44
108AG 45							0.687 (9-)	45
108AG 46							0.699	46
108AG 47							0.704 3-,4-	47
108AG 48							0.706 1-,2-	48
108AG 49							0.709 (2)-	49
108AG 50							0.716 1-,2-	50
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108AG 51							0.719 1-,2-	51
108AG 52							0.734 (7+)	52
108AG 53					0.765	2-		53
108AG 54							0.780 (2,3)-	54
108AG 55					0.800	3-		55
108AG 56							0.800 (7+)	56
108AG 57					0.804	2-		57
108AG 58							0.809 (8+)	58
108AG 59					0.819	2-		59
108AG 60							0.858 (2,3)-	60
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108AG 61							0.858 (2,3,4+)	61
108AG 62		0.869	3+					62
108AG 63		0.881	2+					63
108AG 64					0.900	1-		64
108AG 65							0.918 (8+)	65
108AG 66					0.942	3-		66
108AG 67					0.960	2-		67
108AG 68							0.967 (3,4-)	68
108AG 69					0.974	2-		69
108AG 70							0.993	70
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108AG 71							1.002 1+,2-	71
108AG 72							1.003 1+,2-	72
108AG 73							1.013 1+,2,3	73
108AG 74							1.013 2-,3-	74
108AG 75							1.013 (1+,2,3+)	75
108AG 76		1.034	3+					76
108AG 77							1.052 (1+)	77
108AG 78							1.052 (2-)	78
108AG 79							1.079 2-,3-,4-	79
108AG 80							1.080 2	80
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108AG 81							1.090 (10-)	81

108AG 82						1.097	(8+)	82
108AG 83						1.097	(3)+	83
108AG 84		1.107	2+					84
108AG 85		1.109	3+					85
108AG 86		1.112	1+					86
108AG 87						1.137		87
108AG 88		1.144	1+					88
108AG 89						1.170		89
108AG 90						1.176	1,2	90
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108AG 91						1.201	(0-,1-)	91
108AG 92						1.232	1	92
108AG 93						1.278	1	93
108AG 94						1.282		94
108AG 95						1.314	1	95
108AG 96						1.335		96
108AG 97						1.352		97
108AG 98						1.356	1	98
108AG 99						1.370	(9+)	99
108AG 100						1.373		100
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108AG 101						1.416		101
108AG 102						1.423	1	102
108AG 103						1.429		103
108AG 104						1.435	(11-)	104
108AG 105						1.462	1	105
108AG 106						1.468		106
108AG 107						1.488	(9+)	107
108AG 108						1.491		108
108AG 109						1.541		109
108AG 110						1.569	(1-,2-,3-)	110
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108AG 111						1.605		111
108AG 112						1.624		112
108AG 113						1.641	(10-)	113
108AG 114						1.644		114
108AG 115						1.668	(9+)	115
108AG 116						1.672	(10+)	116
108AG 117						1.711		117
108AG 118						1.739		118
108AG 119						1.757		119
108AG 120						1.779		120
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108AG 121						1.786	(10-)	121
108AG 122						1.808		122
108AG 123						1.827		123
108AG 124						1.888		124
108AG 125						1.941	(12-)	125
108AG 126						1.988		126
108AG 127						2.005		127

108AG 128				2.022		128
108AG 129				2.062	(10+)	129
108AG 130				2.083		130
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108AG 131				2.096		131
108AG 132				2.119		132
108AG 133				2.143	(11-)	133
108AG 134				2.165		134
108AG 135				2.201		135
108AG 136				2.240		136
108AG 137				2.261		137
108AG 138				2.274	(11-)	138
108AG 139				2.289		139
108AG 140				2.302	(11-)	140
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108AG 141				2.336		141
108AG 142				2.362		142
108AG 143				2.369	(11+)	143
108AG 144				2.369	(11+)	144
108AG 145				2.425	(11+)	145
108AG 146				2.429		146
108AG 147				2.443	(13-)	147
108AG 148				2.499		148
108AG 149				2.536	(12-)	149
108AG 150				2.618		150
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108AG 151				2.667	(12+)	151
108AG 152				2.674	(12+)	152
108AG 153				2.707		153
108AG 154				2.709	(11-)	154
108AG 155				2.728		155
108AG 156				2.779		156
108AG 157				2.847	(13-)	157
108AG 158				2.903	(12-)	158
108AG 159				2.907	(13+)	159
108AG 160				2.994	(14-)	160
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S-alpha=	3.072	(	0.003)	-----		
108AG 161				3.170	(14+)	161
108AG 162				3.188	(14-)	162
108AG 163				3.492	(15+)	163
108AG 164				3.558	(15-)	164
108AG 165				3.606	(15-)	165
108AG 166				3.870	(16+)	166
108AG 167				4.091	(16-)	167
108AG 168				4.180	(16-)	168
108AG 169				4.311	(17+)	169
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S-p	=	6.523	(	0.003)	-----	

S-n = 7.271 ( 0.003)-----  
S-2p = 15.822 ( 0.006)-----  
S-2n = 16.807 ( 0.004)-----  
S-alpha= 3.072 ( 0.003)-----

S+p = -8.187 ( 0.003)  
S+n = -9.184 ( 0.003)  
S+2p = -13.441 ( 0.012)  
S+2n = -15.993 ( 0.003)  
S+alpha = -2.808 ( 0.005)

gap p = -1.663 ( 0.004)  
gap n = -1.912 ( 0.004)  
gap 2p = 2.381 ( 0.013)  
gap 2n = 0.814 ( 0.005)  
gap alpha = 0.264 ( 0.006)