^{103}Ag $Z = 47$ $N = 56$ adopted link ENSDF link

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

BE = 879.378 (0.004) MeV
Qbeta+ = 2.654 (0.004) MeV

	Energy T	J+	J-	J-other	T1/2
103AG 1	0.000	7/2+		1	65.7 M 7
103AG 2			0.028 (9/2)+	2	
103AG 3			0.134 1/2-	3	5.7 S 3
103AG 4			0.521 (3/2)-	4	
103AG 5			0.591 (11/2)+	5	
103AG 6			0.591 (5/2)-	6	
103AG 7			0.851 (13/2)+	7	
103AG 8			1.080 (5/2,7/2)+	8	
103AG 9			1.084 1/2-,3/2-,5/2-	9	
103AG 10			1.099 (5/2,7/2,9/2)+	10	
103AG 11			1.211	11	
103AG 12			1.258	12	
103AG 13			1.312 (7/2)+	13	
103AG 14			1.422 (3/2)+	14	
103AG 15			1.462 (5/2)+	15	
103AG 16			1.476 (5/2,7/2)+	16	
103AG 17			1.491 (15/2)+	17	
103AG 18			1.552 +	18	
103AG 19			1.557 +	19	
S-alpha=	1.643 (0.020)				
103AG 20	1.705	3/2+		20	
103AG 21			1.776 (5/2,7/2)+	21	
103AG 22			1.822 (17/2)+	22	
103AG 23			1.822	23	
103AG 24			1.829	24	
103AG 25			1.857	25	
103AG 26			1.880 (3/2,5/2,7/2)+	26	
103AG 27			1.901 +	27	
103AG 28			1.907	28	
103AG 29			1.958 (3/2,5/2,7/2)+	29	
103AG 30			1.969 (3/2,5/2,7/2)+	30	
103AG 31			2.012 (3/2,5/2,7/2)+	31	
103AG 32			2.021	32	
103AG 33			2.023 (3/2,5/2,7/2)+	33	
103AG 34			2.066	34	
103AG 35			2.089 (3/2,5/2,7/2)+	35	
103AG 36			2.125 (3/2,5/2,7/2)+	36	

103AG	37			2.133	(3/2,5/2,7/2)+	37
103AG	38			2.160	(15/2-)	38
103AG	39			2.168	(3/2,5/2,7/2)+	39
103AG	40			2.199	(3/2)+	40
103AG	41			2.207		41
103AG	42			2.231		42
103AG	43			2.245	(3/2,5/2,7/2)+	43
103AG	44			2.248		44
103AG	45			2.274	(3/2,5/2,7/2)+	45
103AG	46			2.288		46
103AG	47			2.330	(19/2)+	47
103AG	48			2.356	(3/2,5/2,7/2)+	48
103AG	49			2.401	(3/2,5/2,7/2)+	49
103AG	50			2.439	(3/2,5/2,7/2)+	50
103AG	51			2.440	(3/2+)	51
103AG	52			2.485	(3/2,5/2,7/2)+	52
103AG	53			2.521	(3/2,5/2,7/2)+	53
103AG	54	2.529	19/2+			54
103AG	55			2.572	(15/2-)	55
103AG	56			2.575		56
103AG	57			2.587		57
103AG	58			2.598	(3/2,5/2,7/2)+	58
103AG	59			2.658	(3/2,5/2,7/2)+	59
103AG	60			2.662	(3/2,5/2,7/2)+	60
103AG	61			2.708	(3/2,5/2,7/2)+	61
103AG	62			2.709	(3/2,5/2,7/2)+	62
103AG	63			2.778		63
103AG	64			2.796	(3/2,5/2,7/2)+	64
103AG	65			2.820	(21/2)+	65
103AG	66			2.822	(3/2,5/2,7/2)+	66
103AG	67			2.856	(3/2,5/2,7/2)+	67
103AG	68		2.869	17/2-		68
103AG	69			2.889	(3/2,5/2,7/2)+	69
103AG	70			2.914		70
103AG	71			2.935		71
103AG	72			2.981	(3/2,5/2,7/2)+	72
103AG	73			3.006	(3/2,5/2,7/2)+	73
103AG	74			3.052	(17/2-)	74
103AG	75			3.061	(17/2-)	75
103AG	76		3.122	19/2-		76
103AG	77			3.189	(3/2,5/2,7/2)+	77
103AG	78			3.222	(19/2-)	78
103AG	79			3.239	(17/2-)	79
103AG	80		3.304	21/2-		80
103AG	81			3.321	(23/2)+	81

```
103AG  82 |                |   3.357     21/2-                          82
103AG  83 |                |               |   3.420     (19/2-)        83
103AG  84 |                |               |   3.439     (21/2)-        84
103AG  85 |                |               |   3.599     (23/2)-        85
103AG  86 |                |   3.667     23/2-                          86
103AG  87 |                |               |   3.709     (21/2-)        87
103AG  88 |                |               |   3.862     (25/2)+        88
103AG  89 |                |               |   3.936     (25/2)-        89
103AG  90 |                |               |   3.991     (23/2-)        90
----------                                                              -----------------
103AG  91 |                |   4.029     25/2-                          91
103AG  92 |                |   4.082     25/2-                          92
S-p    =   4.189 ( 0.004)-------------------------------------------------------------------------
103AG  93 |                |               |   4.360     (25/2-)        93
103AG  94 |                |   4.373     27/2-                          94  0.312 PS  +14-21
103AG  95 |                |   4.445     27/2-                          95
103AG  96 |                |               |   4.497     (27/2)+        96
103AG  97 |                |               |   4.792     (27/2-)        97
103AG  98 |                |   4.794     29/2-                          98  0.256 PS  14
103AG  99 |                |   4.961     29/2-                          99  0.28 PS   +8-4
103AG 100 |                |               |   5.175     (29/2-)       100  0.270 PS  +21-28
----------                                                              -----------------
103AG 101 |                |   5.322     31/2-                         101   0.250 PS 14
103AG 102 |                |               |   5.354     (27/2-)       102
103AG 103 |                |               |   5.387     (25/2)        103
103AG 104 |                |               |   5.488     (31/2-)       104  0.267 PS  +28-42
103AG 105 |                |               |   5.608     (31/2-)       105  0.222 PS  +14-21
103AG 106 |                |               |   5.782     (29/2-)       106
103AG 107 |                |   5.826     33/2-                         107  0.201 PS  7
103AG 108 |                |               |   6.151     (33/2-)       108  0.132 PS  +7-21
103AG 109 |                |               |   6.184     (31/2-)       109  0.125 PS  14
103AG 110 |                |               |   6.185     (33/2-)       110  0.229 PS  +28-21
----------                                                              -----------------
103AG 111 |                |   6.411     35/2-                         111  0.187 PS  +7-14
103AG 112 |                |               |   6.672     (33/2-)       112  0.090 PS  7
103AG 113 |                |               |   7.175     (35/2-)       113  0.083 PS  7
103AG 114 |                |               |   7.688     (37/2-)       114
103AG 115 |                |               |   8.258     (39/2-)       115


S-p    =   4.189 ( 0.004)-------------------------------------------------------------------------
S-n    =  10.627 ( 0.009)-------------------------------------------------------------------------
S-2p   =  11.968 ( 0.007)-------------------------------------------------------------------------
S-2n   =  19.611 ( 0.006)-------------------------------------------------------------------------
S-alpha=   1.643 ( 0.020)-------------------------------------------------------------------------

S+p       =  -6.455 ( 0.004)
S+n       =  -8.385 ( 0.006)
S+2p      =  -9.416 ( 0.011)
S+2n      = -18.411 ( 0.006)
```

```
S+alpha   =  -1.189 ( 0.010)

gap p     =  -2.266 ( 0.006)
gap n     =   2.242 ( 0.011)
gap 2p    =   2.553 ( 0.013)
gap 2n    =   1.200 ( 0.009)
gap alpha =   0.454 ( 0.022)
```