^{112}In $Z = 49$ $N = 63$ adopted link ENSDF link

Based on ensdf_240402 (Apr 2024), and mass evaluation from 2020

BE = 953.643 (0.004) MeV
Qbeta- = 0.665 (0.004) MeV
Qbeta+ = 2.585 (0.004) MeV

	Energy	T	J+	J-		J-other		T1/2	
112IN 1	0.000		1+				1	14.88 M	15
112IN 2	0.157		4+				2	20.67 M	8
112IN 3	0.163		(5)+				3		
112IN 4	0.207		(2)+				4		
112IN 5	0.351		(7)+				5	0.69 US	5
112IN 6	0.456		(3)+				6		
112IN 7	0.563		(5)+				7		
112IN 8	0.592		(4)+				8		
112IN 9	0.595		2+				9		
112IN 10				0.614	(8)-		10	2.81 US	3
112IN 11	0.624		(7+)				11		
112IN 12	0.670		(8+)				12		
112IN 13	0.676		(6+)				13		
112IN 14						0.729	(1,2) 14		
112IN 15	0.730		(3)+				15		
112IN 16						0.790	(6,7, 16		
112IN 17	0.795		(5)+				17		
112IN 18				0.801	(9-)		18		
112IN 19	0.822		(5+)				19		
112IN 20						0.833	(5,6) 20		
112IN 21	0.884		3+				21		
112IN 22						0.919	(1,2) 22		
112IN 23						0.925	(1,2, 23		
112IN 24						0.929	(0,1, 24		
112IN 25						0.955	(2,3) 25		
112IN 26						1.003	+ 26		
112IN 27	1.007		(4+)				27		
112IN 28						1.038	(0,1, 28		
112IN 29	1.063		3+				29		
112IN 30						1.151	(4,5) 30		
112IN 31						1.212	(0-,1 31		
112IN 32						1.212	(1+,2 32		
112IN 33						1.222	(3,4) 33		
112IN 34						1.251	(0:3) 34		
112IN 35						1.260	(0,1, 35		

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112IN  36 |                  |                  |   1.262     (0:4) 36
112IN  37 |                  |                  |   1.280     (0:3) 37
112IN  38 |                  |                  |   1.286     (3,4) 38
112IN  39 |                  |                  |   1.287     (3+,4 39
112IN  40 |                  |                  |   1.338     (0,1) 40
-----------                                                     -----------------
112IN  41 |                  |   1.389     (10-)  |                 41
112IN  42 |                  |                  |   1.398     (0:3) 42
112IN  43 |                  |                  |   1.435     (0:3) 43
112IN  44 |                  |                  |   1.473     (0:3) 44
112IN  45 |                  |                  |   1.488     (0:3) 45
112IN  46 |                  |                  |   1.529     (0:3) 46
112IN  47 |                  |                  |   1.554     (0:3) 47
112IN  48 |                  |                  |   1.608     (0,1) 48
112IN  49 |                  |                  |   1.631           49
112IN  50 |                  |                  |   1.678     (0:3) 50
-----------                                                     -----------------
112IN  51 |                  |                  |   1.708     (0:3) 51
112IN  52 |                  |                  |   1.741     (0:3) 52
112IN  53 |  1.755     (9+)  |                  |                 53
112IN  54 |                  |                  |   1.777     (0:3) 54
112IN  55 |                  |                  |   1.872     (0:3) 55
112IN  56 |                  |                  |   1.955     (0:3) 56
112IN  57 |                  |   2.012     (10)-  |                 57
112IN  58 |                  |                  |   2.067     (0:3) 58
112IN  59 |                  |   2.071     (11-)  |                 59
112IN  60 |                  |   2.113     (11-)  |                 60
-----------                                                     -----------------
112IN  61 |  2.115     (10+) |                  |                 61
112IN  62 |                  |                  |   2.172     (0:3) 62
112IN  63 |                  |                  |   2.234     (0:3) 63
112IN  64 |                  |                  |   2.375     (11-, 64
112IN  65 |                  |                  |   2.441           65
112IN  66 |                  |   2.493     (11-)  |                 66
112IN  67 |                  |   2.653     (13-)  |                 67
112IN  68 |                  |   2.666     (12)-  |                 68
112IN  69 |                  |   2.756     (12-)  |                 69
112IN  70 |  2.802     (11+) |                  |                 70
S-alpha=   2.808 ( 0.005) ------------------------------------------------------
-----------                                                     -----------------
112IN  71 |                  |   2.964     (12-)  |                 71
112IN  72 |  3.063     (12+) |                  |                 72
112IN  73 |                  |   3.103     (13)-  |                 73
112IN  74 |                  |   3.127     (13)-  |                 74
112IN  75 |                  |   3.154     (12)-  |                 75
112IN  76 |  3.191     (13+) |                  |                 76
112IN  77 |                  |                  |   3.191     (11-, 77
112IN  78 |                  |   3.262     (14-)  |                 78
112IN  79 |  3.293     (12+) |                  |                 79
112IN  80 |  3.296     (12+) |                  |                 80
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112IN	81			3.327	(12-)			81	
112IN	82			3.348	(13-)			82	
112IN	83	3.369	(14+)					83	
112IN	84			3.378	(13-)			84	
112IN	85					3.391	[13+]	85	
112IN	86			3.458	(15-)			86	
112IN	87	3.523	(13+)					87	
112IN	88			3.564	(13-)			88	
112IN	89	3.584	(13+)					89	
112IN	90			3.607	(15-)			90	
112IN	91	3.642	(15+)					91	0.58 PS 11
112IN	92			3.645	(14-)			92	
112IN	93					3.685	[14+]	93	
112IN	94			3.770	(14-)			94	
112IN	95	3.853	(14+)					95	
112IN	96					3.855	(13-:	96	
112IN	97			3.863	(14-)			97	
112IN	98			3.992	(15-)			98	0.50 PS +25-19
112IN	99	4.035	(16+)					99	0.34 PS 7
112IN	100	4.041	(14+)					100	
112IN	101					4.064	[15+]	101	
112IN	102			4.105	(15-)			102	
112IN	103	4.167	(15+)					103	
112IN	104	4.170	(15+)					104	
112IN	105			4.204	(15-)			105	
112IN	106			4.354	(16-)			106	0.42 PS LT
112IN	107			4.391	(17-)			107	
112IN	108			4.395	(16-)			108	
112IN	109			4.409	(15-)			109	
112IN	110	4.452	(16+)					110	
112IN	111	4.551	(16+)					111	
112IN	112			4.552	(16-)			112	
112IN	113	4.589	(17+)					113	0.15 PS 4
112IN	114			4.679	(16-)			114	
112IN	115	4.752	(16+)					115	
112IN	116			4.759	(17-)			116	
112IN	117			4.823	(16-)			117	
112IN	118					4.917	[17+]	118	
112IN	119			5.064	(17-)			119	
112IN	120	5.074	(17+)					120	
112IN	121			5.168	(18-)			121	
112IN	122			5.236	(19-)			122	
112IN	123			5.273	(17-)			123	
112IN	124	5.297	(18+)					124	0.17 PS LT
112IN	125	5.537	(18+)					125	

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112IN 126 |                   |   5.638     (19-)  |                  126
112IN 127 |                   |   5.774     (18-)  |                  127
S-p    =   6.027 ( 0.004) ------------------------------------------------------------
112IN 128 |  6.035     (19+)  |                    |                  128
112IN 129 |  6.059     (19+)  |                    |                  129
112IN 130 |                   |   6.156     (21-)  |                  130
-----------                                                          -----------------
112IN 131 |                   |   6.323     (19-)  |                  131
112IN 132 |                   |   6.373     (20-)  |                  132
112IN 133 |  6.412     (20+)  |                    |                  133
112IN 134 |  6.850     (21+)  |                    |                  134
112IN 135 |                   |   6.860     (20-)  |                  135
112IN 136 |                   |   7.148     (23-)  |                  136
S-n    =   7.669 ( 0.005) ------------------------------------------------------------
112IN 137 |                   |   8.328     (25-)  |                  137


S-p    =   6.027 ( 0.004) ------------------------------------------------------------
S-n    =   7.669 ( 0.005) ------------------------------------------------------------
S-2p   =  15.111 ( 0.004) ------------------------------------------------------------
S-2n   =  17.663 ( 0.012) ------------------------------------------------------------
S-alpha=   2.808 ( 0.005) ------------------------------------------------------------

S+p       =  -7.627 ( 0.005)
S+n       =  -9.448 ( 0.004)
S+2p      = -11.085 ( 0.020)
S+2n      = -16.722 ( 0.004)
S+alpha   =  -1.257 ( 0.007)

gap p     =  -1.600 ( 0.006)
gap n     =  -1.779 ( 0.007)
gap 2p    =   4.026 ( 0.021)
gap 2n    =   0.940 ( 0.013)
gap alpha =   1.551 ( 0.008)
```