

^{75}Ge $Z = 32$ $N = 43$ adopted link ENSDF link

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

BE = 652.171 (0.000) MeV

Qbeta- = 1.177 (0.001) MeV

	Energy T	J+		J-		J-other	T1/2
75GE 1				0.000	1/2-		1 82.78 M 4
75GE 2						0.062	2
75GE 3	0.140	7/2+					3 47.7 S 5
75GE 4	0.192	5/2+					4 216 NS 5
75GE 5	0.200	9/2+					5
75GE 6				0.253	3/2-		6
75GE 7				0.317	5/2-		7
75GE 8				0.457	5/2-		8
75GE 9				0.575	3/2-		9
75GE 10	0.584	5/2+					10
75GE 11						0.651 5/2-, 7/2-	11
75GE 12	0.674	1/2+					12
75GE 13						0.760 (7/2+, 9/2+)	13
75GE 14						0.762 (3/2)	14
75GE 15						0.830	15
75GE 16				0.885	1/2-		16
75GE 17						0.902	17
75GE 18						0.946	18
75GE 19						0.987 (5/2, 7/2, 9/2)+	19
75GE 20						1.062 (5/2:13/2)+	20
75GE 21						1.081	21
75GE 22						1.128	22
75GE 23				1.137	3/2-		23
75GE 24	1.190	9/2+					24
75GE 25						1.222	25
75GE 26						1.241 (5/2)-	26
75GE 27						1.257 (7/2+)	27
75GE 28						1.335	28
75GE 29	1.394	5/2+					29
75GE 30	1.406	9/2+					30
75GE 31						1.416 1/2-, 3/2-	31
75GE 32						1.428 (1/2, 3/2)	32
75GE 33						1.495	33
75GE 34						1.502 1/2-, 3/2-	34
75GE 35						1.502 7/2+, 9/2+	35
75GE 36	1.514	1/2+					36
75GE 37	1.538	5/2+					37

75GE 38						1.603	5/2-, 7/2-	38
75GE 39		1.682	9/2+					39
75GE 40						1.688	(1/2, 3/2, 5/2+)	40

75GE 41						1.696		41
75GE 42		1.718	5/2+					42
75GE 43						1.758	(1/2, 3/2)	43
75GE 44						1.796	1/2-, 3/2-	44
75GE 45		1.869	3/2+					45
75GE 46		1.901	9/2+					46
75GE 47		2.004	3/2+					47
75GE 48						2.054		48
75GE 49						2.066	(1/2, 3/2)	49
75GE 50						2.091	(1/2, 3/2)	50

75GE 51						2.104		51
75GE 52						2.110		52
75GE 53						2.127	(5/2:13/2)+	53
75GE 54						2.151		54
75GE 55						2.197		55
75GE 56						2.215	(5/2+)	56
75GE 57						2.281		57
75GE 58						2.312	(1/2, 3/2)	58
75GE 59		2.320	9/2+					59
75GE 60						2.321	1/2-, 3/2-	60

75GE 61						2.359	1/2-, 3/2-	61
75GE 62		2.383	5/2+					62
75GE 63		2.384	9/2+					63
75GE 64						2.478	7/2+, 9/2+	64
75GE 65						2.494	(1/2, 3/2)	65
75GE 66						2.527	3/2+, 5/2+	66
75GE 67						2.534	5/2-, 7/2-	67
75GE 68						2.544	(1/2, 3/2)	68
75GE 69						2.570	1/2-, 3/2-	69
75GE 70						2.574	3/2+, 5/2+	70

75GE 71						2.661	1/2-, 3/2-	71
75GE 72						2.664	(1/2, 3/2, 5/2)	72
75GE 73						2.665	(LE 7/2)	73
75GE 74						2.680	(1/2, 3/2)	74
75GE 75						2.740	(3/2:15/2)-	75
75GE 76						2.744	(1/2, 3/2)	76
75GE 77						2.749	3/2+, 5/2+	77
75GE 78						2.757	(1/2, 3/2)	78
75GE 79						2.759		79
75GE 80		2.781	9/2+					80

75GE 81						2.784	(1/2, 3/2)	81
75GE 82						2.835	(3/2:15/2)-	82

75GE 83				2.836	3/2+,5/2+	83
75GE 84				2.840	(1/2,3/2)	84
75GE 85				2.853	(3/2)-	85
75GE 86				2.866	(1/2,3/2)	86
75GE 87				2.897	(1/2,3/2)	87
75GE 88				2.928	(1/2,3/2)	88
75GE 89				2.939	(3/2:15/2)-	89
75GE 90				2.953	(1/2,3/2)	90

75GE 91				2.964	(1/2,3/2)	91
75GE 92				2.995	(1/2,3/2)	92
75GE 93				3.004	(1/2,3/2)	93
75GE 94				3.032	3/2+,5/2+	94
75GE 95				3.042	(9/2+)	95
75GE 96				3.049	3/2+,5/2+	96
75GE 97		3.067	1/2+			97
75GE 98		3.082	1/2+			98
75GE 99				3.092	(3/2:15/2)-	99
75GE 100				3.126	3/2+,5/2+	100

75GE 101		3.136	9/2+			101
75GE 102				3.162	1/2-,3/2-	102
75GE 103				3.170	1/2-,3/2-	103
75GE 104				3.202	1/2-,3/2-	104
75GE 105		3.214	5/2+			105
75GE 106				3.227	(1/2,3/2)	106
75GE 107			3.280	7/2-		107
75GE 108				3.290	(3/2)+	108
75GE 109				3.361	3/2+,5/2+	109
75GE 110				3.370	7/2-,9/2-,11/2-	110

75GE 111				3.393	3/2+,5/2+	111
75GE 112				3.438	3/2+,5/2+	112
75GE 113				3.450	7/2-,9/2-,11/2-	113
75GE 114				3.494		114
75GE 115				3.532		115
75GE 116				3.560		116
75GE 117				3.626	(-)	117
75GE 118				3.719	(1/2+)	118
75GE 119				3.759		119
75GE 120				3.812		120

75GE 121				3.839		121
75GE 122				3.862		122
75GE 123		6.506	1/2+			123

S-n =	6.506	(0.000)	-----		
75GE 124		6.508	1/2+			124
75GE 125		6.508	1/2+			125
75GE 126		6.509	1/2+			126
75GE 127		6.510	1/2+			127

75GE 128		6.517	1/2+				128
75GE 129		6.525	1/2+				129
75GE 130		6.527	1/2+				130

75GE 131		6.530	1/2+				131
75GE 132		6.548	1/2+				132
75GE 133		6.566	1/2+				133

S-p = 11.096 (0.003)-----
S-n = 6.506 (0.000)-----
S-2p = 20.841 (0.002)-----
S-2n = 16.702 (0.000)-----
S-alpha= 6.953 (0.003)-----

S+p = -7.723 (0.001)
S+n = -9.427 (0.000)
S+2p = -17.320 (0.000)
S+2n = -15.499 (0.000)
S+alpha = -6.485 (0.000)

gap p = 3.373 (0.003)
gap n = -2.921 (0.000)
gap 2p = 3.521 (0.002)
gap 2n = 1.204 (0.000)
gap alpha = 0.468 (0.003)