

^{76}Ge $Z = 32$ $N = 44$ adopted link ENSDF link

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

BE = 661.598 (0.000) MeV

	Energy T	J+	J-	J-other	T1/2
76GE 1	0.000	0+			1 STABLE
76GE 2	0.563	2+			2 18.2 PS 2
76GE 3	1.108	2+			3 8.0 PS 15
76GE 4	1.410	4+			4 1.8 PS 4
76GE 5				1.539 3(+)	5
76GE 6	1.911	0+			6 0.8 PS GT
76GE 7				2.020 (4+)	7
76GE 8				2.205 (1,2+)	8 0.010 PS 4
76GE 9				2.284 (3)-	9
76GE 10				2.456	10
76GE 11				2.478 (1,2+)	11
76GE 12	2.504	2+			12 0.24 PS +55-10
76GE 13				2.554	13
76GE 14				2.591 (1+,2+)	14
76GE 15				2.624	15
76GE 16				2.655 (LE 4)	16
76GE 17			2.692 3-		17 0.28 PS +15-8
76GE 18	2.733	4+			18 0.17 PS +18-8
76GE 19				2.748 (1 TO 4)	19 0.33 PS +33-12
76GE 20	2.769	2+			20
76GE 21	2.842	2+			21 0.028 PS 8
76GE 22	2.898	0+			22
76GE 23				2.920 (1,2+)	23 0.21 PS +10-6
76GE 24			2.921 3-		24
76GE 25				2.962 (5)-	25
76GE 26	2.994	4+			26
76GE 27				3.008 (1,2+)	27 0.026 PS +28-13
76GE 28				3.041 (2+)	28 0.23 PS +35-10
76GE 29				3.053 (1 TO 5)	29 0.030 PS +14-10
76GE 30				3.071	30
76GE 31				3.090	31
76GE 32				3.132 (LE 4)	32
76GE 33	3.142	2+			33 0.06 PS +7-4
76GE 34				3.166	34
76GE 35				3.182 (2+)	35 0.25 PS +35-11
76GE 36				3.195 (4-,5-,6-)	36
76GE 37				3.224	37
76GE 38	3.232	4+			38

76GE 39						3.268	(4+)	39
76GE 40				3.312	3-			40

76GE 41						3.317	(0+)	41
76GE 42						3.323	(2+,3,4+)	42
76GE 43						3.335	(2+)	43
76GE 44						3.349		44
76GE 45						3.391	(4+,5-)	45
76GE 46						3.409	(1 TO 4)	46
76GE 47						3.420	(1,2+)	47
76GE 48						3.439		48
76GE 49						3.453	(3+,4+,5+)	49
76GE 50						3.478	(1 TO 4)	50

76GE 51				3.484	3-			51
76GE 52						3.506		52
76GE 53						3.533		53
76GE 54		3.545	2+					54
76GE 55						3.585	(2)+	55
76GE 56						3.606		56
76GE 57						3.633	(2+)	57
76GE 58						3.640	(4-,5-,6-)	58
76GE 59						3.658		59
76GE 60						3.691		60

76GE 61						3.721	(5)-	61
76GE 62		3.748	2+					62
76GE 63						3.788		63
76GE 64						3.805		64
76GE 65						3.815		65
76GE 66						3.848		66
76GE 67						3.868		67
76GE 68						3.883		68
76GE 69						3.887	(3-)	69
76GE 70						3.952	(1,2+)	70

76GE 71						3.972	(4+)	71
76GE 72		3.997	4+					72
76GE 73						4.026		73
76GE 74						4.056		74
76GE 75						4.073		75
76GE 76				4.099	5-			76
76GE 77						4.122	(1,2+)	77
76GE 78						4.153		78
76GE 79						4.193	(2+,3,4+)	79
76GE 80				4.209	3-			80

76GE 81						4.239	(1 TO 4)	81
76GE 82		4.249	4+					82
76GE 83						4.272		83

76GE 84						4.326	(1 TO 4)	84
76GE 85		4.364	4+					85
76GE 86						4.399	(3+,4+,5+)	86
76GE 87						4.426		87
76GE 88						4.444	(3+,4+,5+)	88
76GE 89						4.477	(LE 4)	89
76GE 90				4.488	3-			90

76GE 91						4.536	(3+,4+,5+)	91
76GE 92						4.570		92
76GE 93						4.611	(3-)	93
76GE 94						4.659	(5-)	94
76GE 95						4.698		95
76GE 96						4.720	(2,3,4)	96
76GE 97						4.736		97
76GE 98						4.767		98
76GE 99						4.784	(1 TO 4)	99
76GE 100						4.812	(2+,3,4+)	100

76GE 101						4.815	(1 TO 4)	101
76GE 102						4.839	(3+,4+,5+)	102
76GE 103						4.868		103
76GE 104						4.939		104
76GE 105						5.122	(1 TO 4)	105
76GE 106						5.276		106
76GE 107						5.523	(1 TO 4)	107
76GE 108						5.663	(2+)	108
76GE 109						5.750	(1 TO 4)	109
76GE 110						5.883	(1 TO 4)	110

76GE 111						6.021	(1 TO 4)	111
76GE 112						6.065	(1 TO 4)	112

S-p = 12.041 (0.001)-----
S-n = 9.427 (0.000)-----
S-2p = 22.034 (0.003)-----
S-2n = 15.933 (0.000)-----
S-alpha= 7.492 (0.002)-----

S+p = -7.992 (0.002)
S+n = -6.071 (0.000)
S+2p = -18.391 (0.000)
S+2n = -14.792 (0.004)
S+alpha = -6.971 (0.001)

gap p = 4.049 (0.002)
gap n = 3.356 (0.000)
gap 2p = 3.643 (0.003)
gap 2n = 1.141 (0.004)

gap alpha = 0.521 (0.002)