

$^{79}\text{Ge}$        $Z = 32$        $N = 47$       adopted link      ENSDF link

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

BE = 682.126 ( 0.037) MeV

Qbeta- = 4.109 ( 0.038) MeV

	Energy T	J+	J-	J-other	T1/2
79GE 1				0.000 (1/2)-	1 18.98 S 3
79GE 2				0.186 (7/2+)	2 39.0 S 10
79GE 3				0.391 (9/2+)	3
79GE 4				0.465 (5/2-)	4
79GE 5				0.516 (3/2-,5/2-)	5
79GE 6				0.607 (5/2-)	6
79GE 7				1.045	7
79GE 8				1.088	8
79GE 9				1.104	9
79GE 10				1.187	10
79GE 11				1.474	11
79GE 12				1.556	12
79GE 13				2.050	13
79GE 14				2.070 (1/2-,3/2-,5/2-	14)
79GE 15				2.140 (1/2-,3/2-,5/2-	15)
79GE 16				2.388	16
79GE 17				2.487	17
79GE 18				2.514 (1/2-,3/2-,5/2-	18)
79GE 19				2.775 (1/2-,3/2-,5/2-	19)
79GE 20				2.779	20
79GE 21				2.827	21
79GE 22				2.895 (1/2-,3/2-,5/2-	22)
79GE 23				2.999	23
79GE 24				3.168 (1/2-,3/2-,5/2-	24)
79GE 25				3.197	25
79GE 26				3.205 (1/2-,3/2-,5/2-	26)
79GE 27				3.290 (1/2-,3/2-,5/2-	27)
79GE 28				3.319	28
79GE 29				3.352 (1/2-,3/2-,5/2-	29)
79GE 30				3.421	30
79GE 31				3.441 (1/2-,3/2-,5/2-	31)
79GE 32				3.784 (5/2-)	32
79GE 33				3.803	33
79GE 34				3.832	34
79GE 35				3.893 (1/2-,3/2-,5/2-	35)
79GE 36				3.911 (1/2-,3/2-,5/2-	36)
79GE 37				4.057 (1/2-,3/2-,5/2-	37)

79GE	38				4.084	(5/2-)	38
79GE	39				4.184	(1/2-,3/2-,5/2-	39)
79GE	40				4.278		40

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S-p = 13.112 ( 0.037)-----

S-n = 5.736 ( 0.037)-----

S-2p = 25.316 ( 0.037)-----

S-2n = 14.457 ( 0.037)-----

S-alpha= 9.393 ( 0.037)-----

S+p = -9.976 ( 0.037)

S+n = -8.079 ( 0.037)

S+2p = -21.440 ( 0.037)

S+2n = -12.907 ( 0.037)

S+alpha = -8.238 ( 0.037)

gap p = 3.136 ( 0.053)

gap n = -2.343 ( 0.053)

gap 2p = 3.876 ( 0.053)

gap 2n = 1.550 ( 0.053)

gap alpha = 1.155 ( 0.053)