

^{82}Ga $Z = 31$ $N = 51$ adopted link ENSDF link

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

BE = 690.526 (0.002) MeV

Qbeta- = 12.484 (0.003) MeV

	Energy T	J+	J-	J-other	T1/2
82GA 1			0.000 (2-)		1 0.600 S 2
82GA 2			0.034 (2-)		2 10 NS LT
82GA 3			0.141 (4-)		3 89 NS 9
82GA 4				0.366 (1-,0-)	4
82GA 5				0.530 (0-,1-)	5
82GA 6	2.979	(1+)			6

S-p = 14.020 (0.006) -----
 S-n = 3.374 (0.004) -----
 S-2p = 30.846 (0.320) -----
 S-2n = 9.850 (0.004) -----
 S-alpha= 10.566 (0.014) -----

S+p = -15.335 (0.003)
 S+n = -4.398 (0.004)
 S+2p = -27.501 (0.004)
 S+2n = -7.306 (0.030)
 S+alpha = -8.456 (0.004)

gap p = -1.315 (0.007)
 gap n = -1.024 (0.005)
 gap 2p = 3.345 (0.320)
 gap 2n = 2.544 (0.030)
 gap alpha = 2.110 (0.014)