

^{74}Ga $Z = 31$ $N = 43$ [link to full NNDC output](#)

Based on ENSDF from Dec 2018, and mass evaluation from 2016

BE = 641.074 (0.003) MeV

Qbeta- = 5.373 (0.003) MeV

	Energy T	J+	J-	J-other	T1/2
74GA 1				0.000 (3-)	1 8.12 M 12
74GA 2				0.057 (2-)	2 31 NS 5
74GA 3				0.060 (0+)	3 9.5 S 10
74GA 4				0.102	4
74GA 5				0.109 (1+)	5
74GA 6				0.141 (1-,2,3+)	6
74GA 7				0.145	7
74GA 8				0.228 (0,1,2,3+)	8
74GA 9				0.252 (1+)	9
74GA 10				0.455 (1+)	10
74GA 11				0.894 (1+)	11
74GA 12				1.086 (1+)	12

S-p = 9.745 (0.004)-----
 S-n = 6.422 (0.003)-----
 S-2p = 22.845 (0.003)-----
 S-2n = 15.604 (0.003)-----
 S-alpha= 7.498 (0.003)-----

S+p = -11.096 (0.003)
 S+n = -8.486 (0.004)
 S+2p = -18.820 (0.003)
 S+2n = -14.390 (0.004)
 S+alpha = -7.192 (0.010)

gap p = -1.351 (0.005)
 gap n = -2.065 (0.005)
 gap 2p = 4.025 (0.004)
 gap 2n = 1.214 (0.005)
 gap alpha = 0.306 (0.011)