

^{168}Gd $Z = 64$ $N = 104$ adopted link ENSDF link

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

BE = 1354.080 (-0.336) MeV

Qbeta- = 4.612 (0.336) MeV

	Energy T	J+	J-	J-other	T1/2
168GD	1 0.000	0+			1 3.03 S 16

S-p = 11.734 (-0.474)-----

S-n = 5.464 (-0.336)-----

S-2p = 22.262 (-0.472)-----

S-2n = 9.940 (-0.336)-----

S-alpha= 2.668 (-0.336)-----

S+p = -9.581 (-0.477)

S+n = -3.835 (-0.477)

S+2p = -20.200 (-0.377)

S+2n = -8.810 (-0.611)

S+alpha = -2.052 (-0.481)

gap p = 2.153 (0.672)

gap n = 1.629 (0.583)

gap 2p = 2.062 (0.604)

gap 2n = 1.130 (0.697)

gap alpha = 0.616 (0.587)