

^{135}Gd $Z = 64$ $N = 71$ adopted link ENSDF link

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

BE = 1083.780 (-0.405) MeV

Qbeta+ = 9.883 (0.427) MeV

	Energy T	J+	J-	J-other	T1/2

S-alpha=	-3.651	(-0.564)			
135GD	1			0.000 (5/2+)	1 1.1 S 2

S-p = 1.730 (-0.486)-----

S-n = 10.708 (-0.571)-----

S-2p = 1.559 (-0.485)-----

S-2n = 24.302 (-0.669)-----

S-alpha= -3.651 (-0.564)-----

S+p = 1.084 (-0.678)

S+n = -12.924 (-0.488)

S+2p = 0.000 (-0.000)

S+2n = -23.180 (-0.489)

S+alpha = 4.107 (-0.688)

gap p = 2.814 (0.834)

gap n = -2.216 (0.751)

gap 2p = 0.000 (0.000)

gap 2n = 1.122 (0.828)

gap alpha = 0.456 (0.890)