

^{129}Ce $Z = 58$ $N = 71$ adopted link ENSDF link

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

BE = 1072.111 (0.028) MeV

Qbeta+ = 5.036 (0.035) MeV

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

S-alpha=	-0.957 (0.030)				
129CE 1				0.000 (5/2+)	1 3.5 M 3

S-p = 4.951 (0.061)-----

S-n = 8.825 (0.040)-----

S-2p = 8.048 (0.030)-----

S-2n = 20.451 (0.040)-----

S-alpha= -0.957 (0.030)-----

S+p = -2.177 (0.070)

S+n = -11.207 (0.040)

S+2p = -6.058 (0.039)

S+2n = -19.564 (0.043)

S+alpha = 1.530 (0.054)

gap p = 2.774 (0.093)

gap n = -2.382 (0.056)

gap 2p = 1.989 (0.049)

gap 2n = 0.887 (0.059)

gap alpha = 0.574 (0.062)