

^{123}Ce $Z = 58$ $N = 65$ adopted link ENSDF link

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

BE = 1007.739 (-0.246) MeV

Qbeta+ = 8.320 (0.348) MeV

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

S-alpha=	-1.822	(-0.317)			
123CE 1				0.000 (5/2)	1 3.8 S 2

S-p	= 3.069	(-0.346)			
S-n	= 10.511	(-0.441)			
S-2p	= 4.176	(-0.284)			
S-2n	= 23.767	(-0.439)			
S-alpha=	-1.822	(-0.317)			

S+p	= -0.133	(-0.446)			
S+n	= -12.657	(-0.349)			
S+2p	= -2.261	(-0.448)			
S+2n	= -22.511	(-0.351)			
S+alpha	= 2.001	(-0.354)			

gap p	= 2.936	(0.565)			
gap n	= -2.146	(0.563)			
gap 2p	= 1.915	(0.531)			
gap 2n	= 1.256	(0.562)			
gap alpha	= 0.178	(0.475)			