

$^{125}\text{Ce}$        $Z = 58$        $N = 67$       adopted link      ENSDF link

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

BE = 1030.250 (-0.250) MeV

Qbeta+ = 7.048 ( 0.251) MeV

	Energy T	J+	J-	J-other	T1/2
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S-alpha=	-1.609	(-0.287)			
125CE 1			0.000	(7/2-)	1 9.7 S 3

S-p = 3.742 (-0.256)-----

S-n = 9.854 (-0.352)-----

S-2p = 5.634 (-0.250)-----

S-2n = 22.511 (-0.351)-----

S-alpha= -1.609 (-0.287)-----

S+p = -0.934 (-0.355)

S+n = -12.181 (-0.252)

S+2p = -3.784 (-0.356)

S+2n = -21.411 (-0.252)

S+alpha = 1.907 (-0.359)

gap p = 2.808 ( 0.438)

gap n = -2.327 ( 0.433)

gap 2p = 1.850 ( 0.436)

gap 2n = 1.100 ( 0.432)

gap alpha = 0.298 ( 0.460)