

$^{136}\text{Eu}$        $Z = 63$        $N = 73$       adopted link      ENSDF link

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

BE      =      1104.592 (-0.136) MeV

Qbeta+ =      10.630 ( 0.137) MeV

	Energy T	J+	J-	J-other	T1/2
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S-p	=	0.612	(-0.206)	-----	-----
S-n	=	10.147	(-0.192)	-----	-----
S-2p	=	3.995	(-0.142)	-----	-----
S-2n	=	22.542	(-0.301)	-----	-----
S-alpha	=	-3.068	(-0.190)	-----	-----
S+p	=	-2.368	(-0.306)		
S+n	=	-12.037	(-0.136)		
S+2p	=	-2.030	(-0.308)		
S+2n	=	-21.712	(-0.139)		
S+alpha	=	3.273	(-0.812)		
gap p	=	-1.755	( 0.369)		
gap n	=	-1.890	( 0.235)		
gap 2p	=	1.965	( 0.339)		
gap 2n	=	0.830	( 0.331)		
gap alpha	=	0.206	( 0.834)		