

$^{239}\text{Cf}$        $Z = 98$        $N = 141$       adopted link      ENSDF link

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

BE = 1794.173 (-0.239) MeV

Qbeta+ = 3.998 ( 0.338) MeV

	Energy T	J+	J-	J-other	T1/2
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S-alpha=	-7.668	(-0.000)			
239CF 1			0.000		1 39 S +37-12
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S-p	= 3.223	(-0.337)			
S-n	= 7.031	(-0.337)			
S-2p	= 5.623	(-0.250)			
S-2n	= 15.879	(-0.258)			
S-alpha=	-7.668	(-0.000)			
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S+p	= -1.267	(-0.536)			
S+n	= -8.285	(-0.240)			
S+2p	= -3.446	(-0.339)			
S+2n	= -15.014	(-0.339)			
S+alpha	= 8.717	(-0.341)			
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gap p	= 1.956	( 0.633)			
gap n	= -1.254	( 0.414)			
gap 2p	= 2.177	( 0.422)			
gap 2n	= 0.865	( 0.426)			
gap alpha	= 1.049	( 0.341)			