

$^{240}\text{Cf}$        $Z = 98$        $N = 142$       adopted link      ENSDF link

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

BE = 1802.458 ( 0.018) MeV

Qbeta+ = 2.280 ( 0.241) MeV

	Energy T	J+	J-	J-other	T1/2
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S-alpha=	-7.711 ( 0.025)				
240CF	1   0.000	0+			1 0.96 M 15

S-p = 3.505 ( 0.240)-----

S-n = 8.285 ( 0.240)-----

S-2p = 6.035 ( 0.022)-----

S-2n = 15.316 ( 0.239)-----

S-alpha= -7.711 ( 0.025)-----

S+p = -1.427 ( 0.242)

S+n = -6.729 ( 0.242)

S+2p = -4.072 ( 0.484)

S+2n = -14.744 ( 0.022)

S+alpha = 8.561 ( 0.245)

gap p = 2.077 ( 0.340)

gap n = 1.555 ( 0.340)

gap 2p = 1.962 ( 0.485)

gap 2n = 0.571 ( 0.240)

gap alpha = 0.850 ( 0.246)