

$^{242}\text{Fm}$        $Z = 100$        $N = 142$       adopted link      ENSDF link

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

BE = 1806.530 (-0.484) MeV

Qbeta+ = 3.574 ( 0.541) MeV

	Energy T	J+	J-	J-other	T1/2
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S-alpha=	-8.908 (-0.539)				
242FM	1   0.000	0+			1 0.8 MS 2
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S-p	= 2.645 (-0.541)				
S-n	= 8.911 (-0.541)				
S-2p	= 4.072 (-0.484)				
S-2n	= 0.000 (-0.000)				
S-alpha=	-8.908 (-0.539)				
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S+p	= 0.000 (-0.000)				
S+n	= -7.222 (-0.542)				
S+2p	= 0.000 (-0.000)				
S+2n	= -15.662 (-0.542)				
S+alpha	= 0.000 (-0.000)				
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gap p	= 0.000 ( 0.000)				
gap n	= 1.689 ( 0.765)				
gap 2p	= 0.000 ( 0.000)				
gap 2n	= 0.000 ( 0.000)				
gap alpha	= 0.000 ( 0.000)				