

$^{234}\text{Pu}$        $Z = 94$        $N = 140$       [link to full NNDC output](#)

Based on ENSDF from Dec 2018, and mass evaluation from 2016

BE = 1774.798 ( 0.007) MeV

Qbeta+ = 0.395 ( 0.011) MeV

	Energy T	J+	J-	J-other	T1/2
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S-alpha=	-6.310 ( 0.008)				
$^{234}\text{Pu}$ 1	0.000	0+			1 8.8 H 1
$^{234}\text{Pu}$ 2				4.170	2 3 NS

S-p = 4.887 ( 0.051)-----  
 S-n = 7.773 ( 0.051)-----  
 S-2p = 8.838 ( 0.007)-----  
 S-2n = 14.156 ( 0.019)-----  
 S-alpha= -6.310 ( 0.008)-----

S+p = -3.014 ( 0.053)  
 S+n = -6.239 ( 0.022)  
 S+2p = -7.073 ( 0.020)  
 S+2n = -13.591 ( 0.007)  
 S+alpha = 6.670 ( 0.014)

gap p = 1.874 ( 0.074)  
 gap n = 1.534 ( 0.055)  
 gap 2p = 1.765 ( 0.021)  
 gap 2n = 0.565 ( 0.020)  
 gap alpha = 0.360 ( 0.016)