

$^{215}\text{Th}$        $Z = 90$        $N = 125$       adopted link      ENSDF link

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

BE = 1654.001 ( 0.006) MeV

Qbeta+ = 4.891 ( 0.014) MeV

	Energy T	J+	J-	J-other	T1/2
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S-alpha=	-7.665 ( 0.008)				
215TH	1			0.000 (1/2-)	1 1.2 S 2
215TH	2			0.561 (5/2-)	2
215TH	3			1.421	3

S-p = 2.801 ( 0.015)-----  
 S-n = 7.845 ( 0.012)-----  
 S-2p = 4.002 ( 0.012)-----  
 S-2n = 17.341 ( 0.011)-----  
 S-alpha= -7.665 ( 0.008)-----

S+p = -0.387 ( 0.025)  
 S+n = -8.694 ( 0.013)  
 S+2p = -2.577 ( 0.006)  
 S+2n = -14.858 ( 0.012)  
 S+alpha = 9.949 ( 0.015)

gap p = 2.414 ( 0.030)  
 gap n = -0.849 ( 0.018)  
 gap 2p = 1.425 ( 0.013)  
 gap 2n = 2.483 ( 0.017)  
 gap alpha = 2.285 ( 0.017)