

$^{167}\text{Tb}$        $Z = 65$        $N = 102$       adopted link      ENSDF link

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

BE = 1352.941 ( 0.002) MeV

Qbeta- = 4.028 ( 0.004) MeV

	Energy T	J+	J-	J-other	T1/2
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167Tb	1			0.000 (3/2+)	1 19.4 S 27

S-p = 8.801 ( 0.002)-----  
 S-n = 6.146 ( 0.002)-----  
 S-2p = 19.732 ( 0.006)-----  
 S-2n = 11.437 ( 0.002)-----  
 S-alpha= 1.734 ( 0.002)-----

S+p = -9.964 ( 0.140)  
 S+n = -4.969 ( 0.005)  
 S+2p = -17.491 ( 0.020)  
 S+2n = -10.720 ( 0.338)  
 S+alpha = -1.060 ( 0.600)

gap p = -1.163 ( 0.140)  
 gap n = 1.176 ( 0.005)  
 gap 2p = 2.241 ( 0.021)  
 gap 2n = 0.717 ( 0.338)  
 gap alpha = 0.675 ( 0.600)