

$^{154}\text{Tb}$        $Z = 65$        $N = 89$       adopted link      ENSDF link

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

BE      =    1262.287 ( 0.045) MeV  
Qbeta- =      0.237 ( 0.046) MeV  
Qbeta+ =      3.550 ( 0.045) MeV

	Energy T	J+	J-	J-other	T1/2
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S-alpha=	-2.211 ( 0.046)				
154TB	1			0.000    0	1 21.5 H 4

S-p      =    4.563 ( 0.045)-----  
S-n      =    6.914 ( 0.045)-----  
S-2p     =  11.846 ( 0.045)-----  
S-2n     =  15.582 ( 0.060)-----  
S-alpha= -2.211 ( 0.046)-----

S+p      =  -6.288 ( 0.046)  
S+n      =  -9.165 ( 0.046)  
S+2p     =  -9.960 ( 0.059)  
S+2n     = -16.077 ( 0.045)  
S+alpha  =    1.544 ( 0.053)

gap p     =  -1.725 ( 0.065)  
gap n     =  -2.251 ( 0.065)  
gap 2p    =    1.887 ( 0.075)  
gap 2n    =  -0.495 ( 0.076)  
gap alpha =  -0.666 ( 0.070)