

$^{166}\text{Tm}$        $Z = 69$        $N = 97$       adopted link      ENSDF link

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

BE = 1347.743 ( 0.012) MeV

Qbeta+ = 3.038 ( 0.012) MeV

	Energy T	J+	J-	J-other	T1/2
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S-alpha=	-1.729 ( 0.012)				
166Tm	1   0.000	2+			1 7.70 H 3

S-p = 4.654 ( 0.012)-----

S-n = 7.028 ( 0.012)-----

S-2p = 11.484 ( 0.012)-----

S-2n = 16.120 ( 0.028)-----

S-alpha= -1.729 ( 0.012)-----

S+p = -5.992 ( 0.012)

S+n = -8.728 ( 0.012)

S+2p = -9.764 ( 0.040)

S+2n = -15.569 ( 0.012)

S+alpha = 2.155 ( 0.020)

gap p = -1.338 ( 0.017)

gap n = -1.700 ( 0.016)

gap 2p = 1.720 ( 0.041)

gap 2n = 0.552 ( 0.030)

gap alpha = 0.426 ( 0.024)