

$^{98}\text{Y}$        $Z = 39$        $N = 59$       adopted link    ENSDF link

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

BE      =      832.766 ( 0.008) MeV

Qbeta- =      8.993 ( 0.012) MeV

	Energy T	J+	J-	J-other	T1/2
98Y 1			0.000 0-		1 0.548 S 2
98Y 2			0.119 1-		2 0.14 NS 5
98Y 3			0.171 2-		3 0.63 US 2
98Y 4				0.358 (1,2-)	4
98Y 5			0.375 4-		5 35.2 NS 5
98Y 6				0.446 (3)+	6 0.7 NS LT
98Y 7				0.466 (7+,6+)	7 2.32 S 8
98Y 8				0.496 (4)-	8 6.90 US 5
98Y 9	0.548	1+			9
98Y 10				0.564 (1-,2-)	10 2.4 NS 12

S-p      = 10.997 ( 0.009)-----  
 S-n      = 4.245 ( 0.010)-----  
 S-2p    = 25.512 ( 0.009)-----  
 S-2n    = 10.101 ( 0.010)-----  
 S-alpha= 6.151 ( 0.008)-----

S+p      = -12.617 ( 0.013)  
 S+n      = -6.426 ( 0.010)  
 S+2p    = -22.081 ( 0.011)  
 S+2n    = -11.175 ( 0.014)  
 S+alpha = -6.434 ( 0.008)

gap p    = -1.620 ( 0.016)  
 gap n    = -2.182 ( 0.015)  
 gap 2p   = 3.432 ( 0.014)  
 gap 2n   = -1.074 ( 0.017)  
 gap alpha = -0.284 ( 0.012)