

^{159}Yb $Z = 70$ $N = 89$ adopted link ENSDF link

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

BE = 1284.409 (0.018) MeV

Qbeta+ = 4.737 (0.033) MeV

	Energy T	J+	J-	J-other	T1/2

S-alpha=	-3.951 (0.019)				
159YB	1			0.000 5/2(-)	1 1.67 M 9

S-p = 4.419 (0.031)-----

S-n = 7.895 (0.019)-----

S-2p = 6.998 (0.032)-----

S-2n = 18.556 (0.021)-----

S-alpha= -3.951 (0.019)-----

S+p = -1.725 (0.059)

S+n = -10.401 (0.018)

S+2p = -5.060 (0.029)

S+2n = -18.143 (0.023)

S+alpha = 4.139 (0.031)

gap p = 2.694 (0.067)

gap n = -2.505 (0.027)

gap 2p = 1.938 (0.043)

gap 2n = 0.413 (0.031)

gap alpha = 0.189 (0.036)