

^{165}W $Z = 74$ $N = 91$ adopted link ENSDF link

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

BE = 1312.735 (0.026) MeV

Qbeta+ = 6.987 (0.029) MeV

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

S-alpha=	-5.030 (0.035)				
165W	1			0.000 (5/2-)	1 5.1 S 5
165W	2			0.043 (3/2-)	2
165W	3			0.072 (7/2-)	3

S-p = 2.867 (0.038)-----
 S-n = 8.697 (0.028)-----
 S-2p = 4.170 (0.036)-----
 S-2n = 20.095 (0.064)-----
 S-alpha= -5.030 (0.035)-----

S+p = -0.265 (0.092)
 S+n = -11.098 (0.027)
 S+2p = -2.216 (0.085)
 S+2n = -19.375 (0.032)
 S+alpha = 5.713 (0.037)

gap p = 2.602 (0.099)
 gap n = -2.401 (0.039)
 gap 2p = 1.954 (0.092)
 gap 2n = 0.721 (0.071)
 gap alpha = 0.684 (0.050)