

^{158}W $Z = 74$ $N = 84$ adopted link ENSDF link

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

BE = 1241.090 (-0.316) MeV

Qbeta+ = 7.434 (0.353) MeV

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

S-alpha=	-6.578	(-0.441)	-----		
158W	1 0.000	0+			1 1.25 MS 21
S-2p =	0.474	(-0.350)	-----		
158W	2		0.913	(2+)	2
S-p =	1.408	(-0.350)	-----		
158W	3		1.679	(4+)	3
158W	4		1.888	(8+)	4 0.143 MS 19
158W	5		2.048	(6+)	5
158W	6		2.846	(10+)	6
158W	7		3.690	(12+)	7
158W	8		4.165	(14+)	8
158W	9		4.368	(16+)	9

S-p = 1.408 (-0.350)-----
S-n = 12.094 (-0.567)-----
S-2p = 0.474 (-0.350)-----
S-2n = 0.000 (-0.000)-----
S-alpha= -6.578 (-0.441)-----

S+p = 1.685 (-0.448)
S+n = -9.763 (-0.448)
S+2p = 0.000 (-0.000)
S+2n = -21.756 (-0.350)
S+alpha = 6.758 (-0.453)

gap p = 3.093 (0.569)
gap n = 2.331 (0.723)
gap 2p = 0.000 (0.000)
gap 2n = 0.000 (0.000)
gap alpha = 0.180 (0.632)