^{158}Yb $Z = 70$ $N = 88$ link to full NNDC output

Based on ENSDF from Dec 2018, and mass evaluation from 2016

BE = 1276.514 (0.008) MeV
Qbeta+ = 2.693 (0.027) MeV

	Energy	T	J+	J-	J-other		T1/2	
S-alpha= -4.170 (0.009)								
158YB 1	0.000		0+			1	1.49 M	13
158YB 2				0.358	(2+)	2	25 PS	3
158YB 3				0.835	(4+)	3	3.8 PS	10
158YB 4				1.403	(6+)	4		
158YB 5				2.047	(8+)	5		
158YB 6				2.121	(7-)	6		
158YB 7				2.230	(6-)	7		
158YB 8				2.574	(9-)	8		
158YB 9				2.650	(8-)	9		
158YB 10				2.653	(9-)	10		
158YB 11				2.743	(10+)	11		
158YB 12				2.923	(10-)	12		
158YB 13				2.957	(11-)	13		
158YB 14				2.959	(10-)	14		
158YB 15				3.407	(12-)	15		
158YB 16				3.426	(12+)	16		
158YB 17				3.457	(13-)	17		
158YB 18				3.482	(12-)	18		
158YB 19				3.486	(12+)	19		
158YB 20				3.935	(14+)	20		
158YB 21				3.970	(14-)	21		
158YB 22				4.049	(15-)	22		
158YB 23				4.083	(14-)	23		
158YB 24				4.502	(16+)	24		
158YB 25				4.585	(16-)	25		
S-p = 4.590 (0.029)								
158YB 26				4.698	(17-)	26		
158YB 27				4.736	(16-)	27		
158YB 28				5.129	(18+)	28		
158YB 29				5.282	(18-)	29		
158YB 30				5.448	(19-)	30		
158YB 31				5.862	(20+)	31		
158YB 32				6.006	(20-)	32		
158YB 33				6.195	(21-)	33		
S-2p = 6.377 (0.026)								
158YB 34				6.587	(22+)	34		

```
158YB  35 |                |                |   6.692     (22-)          35
158YB  36 |                |                |   6.911     (23-)          36
158YB  37 |                |                |   7.320     (24+)          37
158YB  38 |                |                |   7.397     (24-)          38
158YB  39 |                |                |   7.633     (25-)          39
158YB  40 |                |                |   8.061     (26+)          40
----------                                                              -----------------
158YB  41 |                |                |   8.106     (26-)          41
158YB  42 |                |                |   8.455     (27-)          42
158YB  43 |                |                |   8.847     (28+)          43
158YB  44 |                |                |   8.903     (28-)          44
158YB  45 |                |                |   9.328     (29-)          45
158YB  46 |                |                |   9.640     (30+)          46
158YB  47 |                |                |   9.741     (30-)          47
158YB  48 |                |                |  10.225     (31-)          48
158YB  49 |                |                |  10.425     (32+)          49
S-n    =  10.660 ( 0.014)-------------------------------------------------------------------------
158YB  50 |                |                |  11.136     (33-)          50
----------                                                              -----------------
158YB  51 |                |                |  11.186     (34+)          51
158YB  52 |                |                |  12.085     (36+)          52
158YB  53 |                |                |  12.147     (35-)          53
158YB  54 |                |                |  13.186     (37-)          54
158YB  55 |                |                |  13.199     (38+)          55
158YB  56 |                |                |  13.960     (40+)          56


S-p    =   4.590 ( 0.029)-------------------------------------------------------------------------
S-n    =  10.660 ( 0.014)-------------------------------------------------------------------------
S-2p   =   6.377 ( 0.026)-------------------------------------------------------------------------
S-2n   =  18.887 ( 0.012)-------------------------------------------------------------------------
S-alpha=  -4.170 ( 0.009)-------------------------------------------------------------------------

S+p       =  -0.987 ( 0.039)
S+n       =  -7.900 ( 0.020)
S+2p      =  -4.507 ( 0.013)
S+2n      = -18.295 ( 0.011)
S+alpha   =   4.416 ( 0.012)

gap p     =   3.603 ( 0.048)
gap n     =   2.760 ( 0.024)
gap 2p    =   1.870 ( 0.029)
gap 2n    =   0.592 ( 0.016)
gap alpha =   0.246 ( 0.015)
```