^{158}Tb $Z = 65$ $N = 93$ adopted link ENSDF link

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

BE = 1293.887 (0.001) MeV
Qbeta- = 0.936 (0.003) MeV
Qbeta+ = 1.219 (0.002) MeV

	Energy	T	J+		J-		J-other		T1/2	
158TB 1					0.000	3-		1	180 Y	11
158TB 2	0.055		4+					2		
158TB 3					0.080	4-		3		
158TB 4					0.110	0-		4	10.70 S	17
158TB 5					0.116	1-		5		
158TB 6	0.128		5+					6		
S-alpha=	0.157 (0.002)									
158TB 7					0.167	2-		7		
158TB 8					0.179	5-		8		
158TB 9	0.179		1+					9		
158TB 10					0.208	3-		10		
158TB 11	0.208		2+					11		
158TB 12	0.217		6+					12		
158TB 13	0.242		3+					13		
158TB 14							0.281	14		
158TB 15	0.298		4+					15		
158TB 16					0.299	4-		16		
158TB 17					0.299	6-		17		
158TB 18	0.323		7+					18		
158TB 19							0.324	19		
158TB 20							0.338	20		
158TB 21	0.360		5+					21		
158TB 22					0.371	5-		22		
158TB 23							0.381	23		
158TB 24					0.388	7-		24	0.40 MS	4
158TB 25							0.406	25		
158TB 26							0.408 (0+)	26		
158TB 27							0.419 (1+)	27		
158TB 28							0.439	28		
158TB 29	0.444		6+					29		
158TB 30	0.446		8+					30		
158TB 31	0.461		5+					31		
158TB 32							0.470	32		
158TB 33							0.484	33		
158TB 34							0.487 (2+)	34		
158TB 35					0.495	4-		35		

158TB	36			0.495	5-			36
158TB	37					0.506		37
158TB	38	0.531	6+					38
158TB	39					0.536		39
158TB	40	0.540	7+					40
158TB	41					0.556		41
158TB	42					0.571		42
158TB	43	0.584	9+					43
158TB	44			0.587	6-			44
158TB	45	0.590	3+					45
158TB	46			0.601	5-			46
158TB	47					0.610		47
158TB	48					0.613		48
158TB	49	0.627	7+					49
158TB	50	0.639	2+					50
158TB	51					0.644		51
158TB	52					0.651		52
158TB	53	0.660	4+					53
158TB	54			0.665	7-			54
158TB	55					0.670		55
158TB	56					0.677		56
158TB	57					0.693		57
158TB	58					0.700	(1+)	58
158TB	59			0.709	2-			59
158TB	60	0.720	3+					60
158TB	61					0.733		61
158TB	62					0.737	(4-)	62
158TB	63	0.740	10+					63
158TB	64					0.740		64
158TB	65	0.750	5+					65
158TB	66					0.753		66
158TB	67					0.758		67
158TB	68			0.759	8-			68
158TB	69					0.767	(2+)	69
158TB	70					0.780	(3-)	70
158TB	71			0.782	3-			71
158TB	72					0.795		72
158TB	73					0.805		73
158TB	74					0.814		74
158TB	75			0.817	5-			75
158TB	76					0.824		76
158TB	77					0.832		77
158TB	78					0.837		78
158TB	79					0.841		79
158TB	80					0.850	(3+)	80

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158TB  81 |                 |                 |   0.859                    81
158TB  82 |  0.863     6+   |                 |                            82
158TB  83 |                 |                 |   0.874                    83
158TB  84 |                 |                 |   0.879     (6-)           84
158TB  85 |                 |                 |   0.882                    85
158TB  86 |                 |                 |   0.891     (5-)           86
158TB  87 |                 |                 |   0.901                    87
158TB  88 |  0.914     11+  |                 |                            88
158TB  89 |                 |                 |   0.916                    89
158TB  90 |                 |                 |   0.924                    90
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158TB  91 |                 |                 |   0.936                    91
158TB  92 |                 |                 |   0.944                    92
158TB  93 |                 |                 |   0.953                    93
158TB  94 |                 |   0.963     4-  |                            94
158TB  95 |                 |                 |   0.986                    95
158TB  96 |                 |                 |   0.999                    96
158TB  97 |                 |                 |   1.017                    97
158TB  98 |                 |                 |   1.032                    98
158TB  99 |                 |                 |   1.051                    99
158TB 100 |                 |   1.068     1-  |                           100
-----------                                                    -----------------
158TB 101 |                 |                 |   1.094                   101
158TB 102 |  1.099     12+  |                 |                           102
158TB 103 |                 |   1.110     2-  |                           103
158TB 104 |                 |                 |   1.138                   104
158TB 105 |                 |                 |   1.157                   105
158TB 106 |                 |                 |   1.169                   106
158TB 107 |  1.311     13+  |                 |                           107
158TB 108 |  1.522     14+  |                 |                           108
158TB 109 |                 |                 |   1.774     (15+)         109
158TB 110 |                 |                 |   2.008     (16+)         110
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158TB 111 |                 |                 |   2.300     (17+)         111


S-p    =   5.936 ( 0.002)-----------------------------------------------------------------------
S-n    =   6.778 ( 0.002)-----------------------------------------------------------------------
S-2p   =  13.966 ( 0.004)-----------------------------------------------------------------------
S-2n   =  15.522 ( 0.004)-----------------------------------------------------------------------
S-alpha=   0.157 ( 0.002)-----------------------------------------------------------------------

S+p       =  -6.985 ( 0.002)
S+n       =  -8.133 ( 0.002)
S+2p      = -11.490 ( 0.015)
S+2n      = -14.508 ( 0.002)
S+alpha   =   1.005 ( 0.003)

gap p     =  -1.049 ( 0.002)
gap n     =  -1.355 ( 0.002)
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```
gap 2p    =   2.476 ( 0.016)
gap 2n    =   1.014 ( 0.004)
gap alpha =   1.163 ( 0.004)
```