

^{88}Y $Z = 39$ $N = 49$ adopted link ENSDF link

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

BE = 764.063 (0.001) MeV

Qbeta+ = 3.623 (0.001) MeV

	Energy T	J+	J-	J-other	T1/2
88Y 1			0.000 4-		1 106.626 D 21
88Y 2			0.232 5-		2 0.8 NS 1
88Y 3	0.393	1+			3 0.301 MS 3
88Y 4	0.675	8+			4 13.98 MS 17
88Y 5				0.704 (7)+	5
88Y 6			0.707 2-		6 10 PS GT
88Y 7				0.707 1+,2+,3+	7
88Y 8				0.715 (6)+	8
88Y 9				0.766 (0)+	9 2.4 PS +13-6
88Y 10				0.843 (5)+	10 1.8 PS +9-3
88Y 11				0.985 (4)+	11 0.82 PS 8
88Y 12				1.088 (4,5,6)-	12
88Y 13				1.129 3-,4-,5-	13 0.25 PS LT
88Y 14				1.215	14
88Y 15				1.221 (0,1)+	15 0.44 PS 4
88Y 16				1.234	16
88Y 17				1.262 (2,3,4)-	17
88Y 18				1.275 (1,2)+	18
88Y 19				1.284 (3,4,5)+	19 0.19 PS 2
88Y 20				1.315 (4,5,6)-	20
88Y 21				1.320 -	21 0.24 PS 3
88Y 22				1.462 (6-,7-)	22 1.8 PS +6-4
88Y 23				1.475 2-,3-,4-	23
88Y 24	1.477	9+			24 0.11 PS 3
88Y 25				1.559	25
88Y 26				1.570	26
88Y 27				1.576 (1,2)+	27
88Y 28				1.596 3-,4-	28
88Y 29				1.702 3+,4+	29 0.130 PS 15
88Y 30				1.735 (-)	30
88Y 31				1.761 (4,5,6)-	31
88Y 32				1.832 3-,4-	32
88Y 33				1.881 (-)	33
88Y 34				1.900	34
88Y 35				1.913 -	35
88Y 36				1.951 1+,2+,3+	36
88Y 37				1.962	37

88Y	38				1.971		38		
88Y	39				2.056	1+,2+,3+	39		
88Y	40				2.121	4-,5-,6-	40		

88Y	41				2.136	(-)	41		
88Y	42				2.210	1+,2+,3+	42		
88Y	43				2.252		43		
88Y	44				2.293	(2-)	44		
88Y	45				2.305		45		
88Y	46				2.312	(9+)	46		
88Y	47				2.367		47		
88Y	48				2.444	(10+)	48	2 PS	LT
88Y	49				2.444	(3-)	49		
88Y	50				2.529	(3+)	50		

88Y	51				2.584	(2-)	51		
88Y	52				2.722	3+,4+,5+	52		
88Y	53				2.734	(3-)	53		
88Y	54				2.764	(2-)	54		
88Y	55				2.787	(1-)	55		
88Y	56				2.830	(4-)	56		
88Y	57				2.944	(2-)	57		
88Y	58				2.957		58		
88Y	59				2.997	(-)	59		
88Y	60				3.025	(-)	60		

88Y	61				3.037		61		
88Y	62				3.052	(-)	62		
88Y	63				3.093	(3-)	63		
88Y	64				3.122	(1-)	64		
88Y	65				3.145	(-)	65		
88Y	66				3.207		66		
88Y	67				3.208	(-)	67		
88Y	68				3.257	(10-)	68		
88Y	69				3.262		69		
88Y	70				3.284	(11+)	70		

88Y	71				3.320		71		
88Y	72				3.366		72		
88Y	73				3.628		73		
88Y	74				3.652	(11-)	74	2 PS	LT
88Y	75				3.727		75		
88Y	76				3.777		76		
88Y	77				3.857		77		
88Y	78				3.918		78		
88Y	79				3.964	(12-)	79	2 PS	LT
88Y	80				4.028		80		

88Y	81				4.087	(0-,1-,2-)	81		
88Y	82				4.148		82		

88Y 83				4.178	(13-)	83	2.5 PS	3
88Y 84				4.431		84		
88Y 85				4.621		85		
88Y 86				4.824	(14-)	86	0.3 PS	LT
88Y 87				4.878		87		
88Y 88				4.968		88		
88Y 89				5.264		89		
88Y 90				5.559	(15)	90	0.10 PS	5

88Y 91				5.993	(16)	91		
88Y 92				6.265	(14)	92		
88Y 93				6.537	(17)	93		
S-p	=	6.708	(0.001)	-----				
88Y 94				6.815	(15)	94		
S-alpha=	6.965	(0.003)	-----					
88Y 95				7.070	(0+)	95		
88Y 96				7.112	(18)	96		
88Y 97				7.143	(16)	97		
88Y 98				7.167		98		
88Y 99				7.419	(19)	99		
88Y 100				7.598		100		

88Y 101				7.847	(17)	101		
88Y 102				7.903		102		
88Y 103				8.337		103		
88Y 104				8.627	(18)	104		
88Y 105				8.880	(2+)	105		
88Y 106				8.880		106		
88Y 107				9.145		107		
S-n	=	9.352	(0.002)	-----				
88Y 108				9.455		108		
88Y 109				9.618		109		

S-p	=	6.708	(0.001)	-----				
S-n	=	9.352	(0.002)	-----				
S-2p	=	16.130	(0.002)	-----				
S-2n	=	21.159	(0.014)	-----				
S-alpha=	6.965	(0.003)	-----					
S+p	=	-7.868	(0.003)					
S+n	=	-11.483	(0.002)					
S+2p	=	-12.940	(0.004)					
S+2n	=	-18.341	(0.002)					
S+alpha	=	-4.579	(0.002)					
gap p	=	-1.160	(0.003)					
gap n	=	-2.131	(0.002)					
gap 2p	=	3.190	(0.004)					
gap 2n	=	2.818	(0.014)					

gap alpha = 2.386 (0.004)