

^{79}Y $Z = 39$ $N = 40$ adopted link ENSDF link

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

BE = 664.925 (0.080) MeV

Qbeta+ = 7.677 (0.080) MeV

	Energy T	J+	J-	J-other	T1/2
79Y	1			0.000 (5/2+)	1 14.8 S 6
79Y	2			0.184 (7/2+)	2
79Y	3			0.411 (9/2+)	3
79Y	4			0.727 (11/2+)	4
79Y	5			1.042 (13/2+)	5
79Y	6			1.509 (15/2+)	6
79Y	7			1.889 (17/2+)	7
S-p	= 1.918 (0.080)	-----			
79Y	8			2.523 (19/2+)	8
79Y	9			2.947 (21/2+)	9
S-alpha=	3.009 (0.080)	-----			
79Y	10			3.828 (23/2+)	10

79Y	11			4.214 (25/2+)	11
79Y	12			5.702 (29/2+)	12
79Y	13			0.000 (5/2+)	13

S-p = 1.918 (0.080)-----

S-n = 13.703 (0.322)-----

S-2p = 7.550 (0.080)-----

S-2n = 27.519 (0.244)-----

S-alpha= 3.009 (0.080)-----

S+p = -4.275 (0.330)

S+n = -11.417 (0.080)

S+2p = -3.163 (0.413)

S+2n = -24.053 (0.080)

S+alpha = -2.235 (0.181)

gap p = -2.357 (0.340)

gap n = 2.287 (0.332)

gap 2p = 4.388 (0.421)

gap 2n = 3.467 (0.257)

gap alpha = 0.774 (0.198)