

^{54}Ni $Z = 28$ $N = 26$ adopted link ENSDF link

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

BE = 453.224 (0.005) MeV

Qbeta+ = 8.732 (0.005) MeV

	Energy T	J+	J-	J-other	T1/2
54NI 1	0.000	0+			1 114.2 MS 3
54NI 2	1.392	2+			2 0.89 PS 17
54NI 3				2.000	3
54NI 4	2.620	4+			4
54NI 5	3.071	6+			5
S-p	= 3.908 (0.005)	-----			
S-2p	= 5.524 (0.005)	-----			
54NI 6	6.311	8+			6
54NI 7	6.457	10+			7 152 NS 4
S-p	= 3.908 (0.005)	-----			
S-n	= 17.719 (0.026)	-----			
S-2p	= 5.524 (0.005)	-----			
S-2n	= 32.861 (0.083)	-----			
S-alpha	= 7.227 (0.010)	-----			
S+p	= 0.354 (0.156)				
S+n	= -14.129 (0.005)				
S+2p	= -0.712 (0.392)				
S+2n	= -30.772 (0.005)				
S+alpha	= -5.445 (0.050)				
gap p	= 4.262 (0.156)				
gap n	= 3.590 (0.026)				
gap 2p	= 4.812 (0.392)				
gap 2n	= 2.089 (0.083)				
gap alpha	= 1.781 (0.051)				