

^{54}Ni $Z = 28$ $N = 26$ [link to full NNDC output](#)

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

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	= 5.526 (0.007)	-----			
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 = 5.526 (0.007)-----
 S-2n = 0.000 (0.000)-----
 S-alpha= 7.227 (0.010)-----

S+p = 0.354 (0.156)
 S+n = -14.129 (0.005)
 S+2p = 0.000 (0.000)
 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 = 0.000 (0.000)
 gap 2n = 0.000 (0.000)
 gap alpha = 1.781 (0.051)