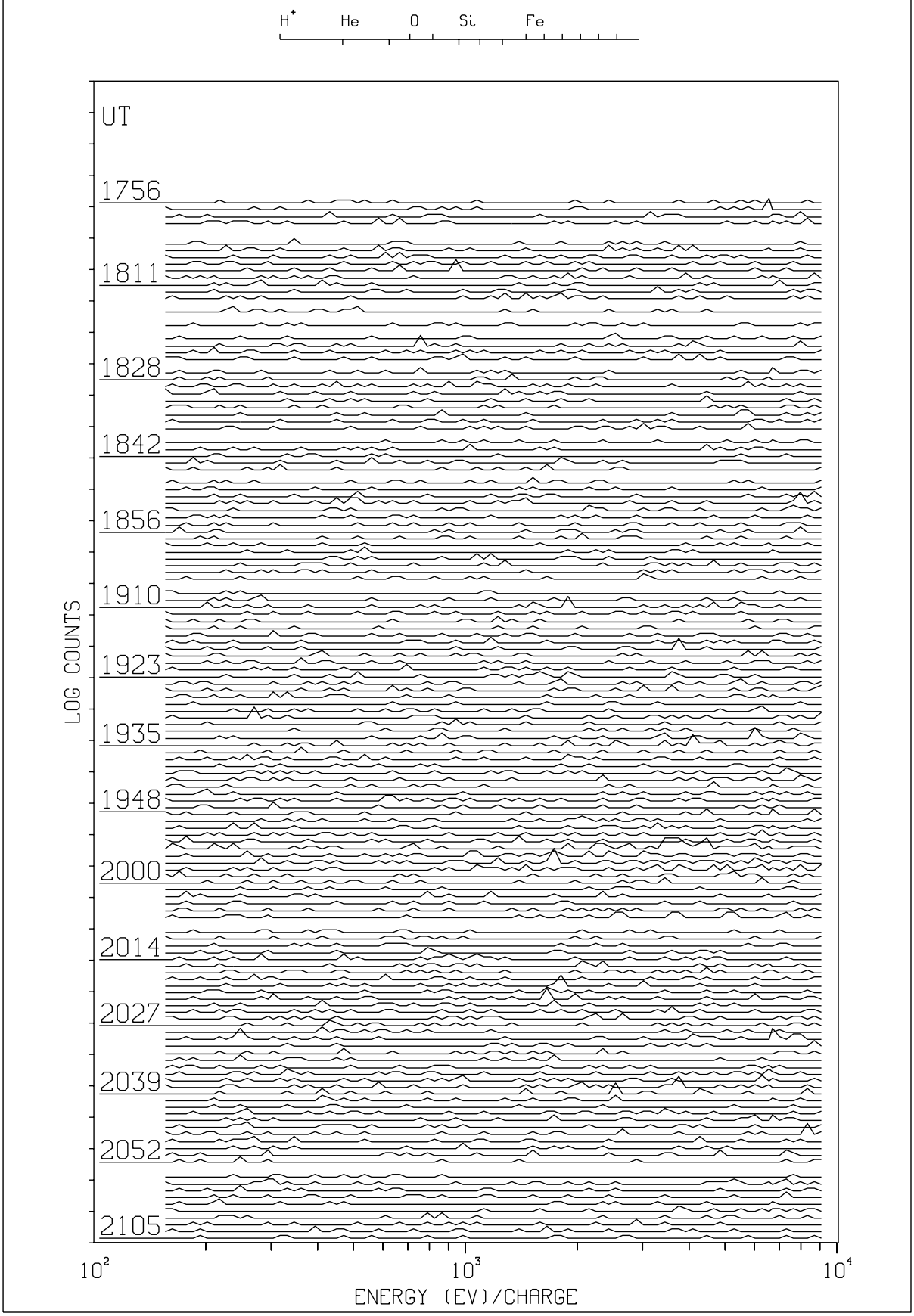
IMP-8 970721 FILE 1 REC 1

(START) RADIUS (RE) 0.87 MS-LAT/LONG 25.23 171.61 SE-LAT/LONG 26.10 175.21

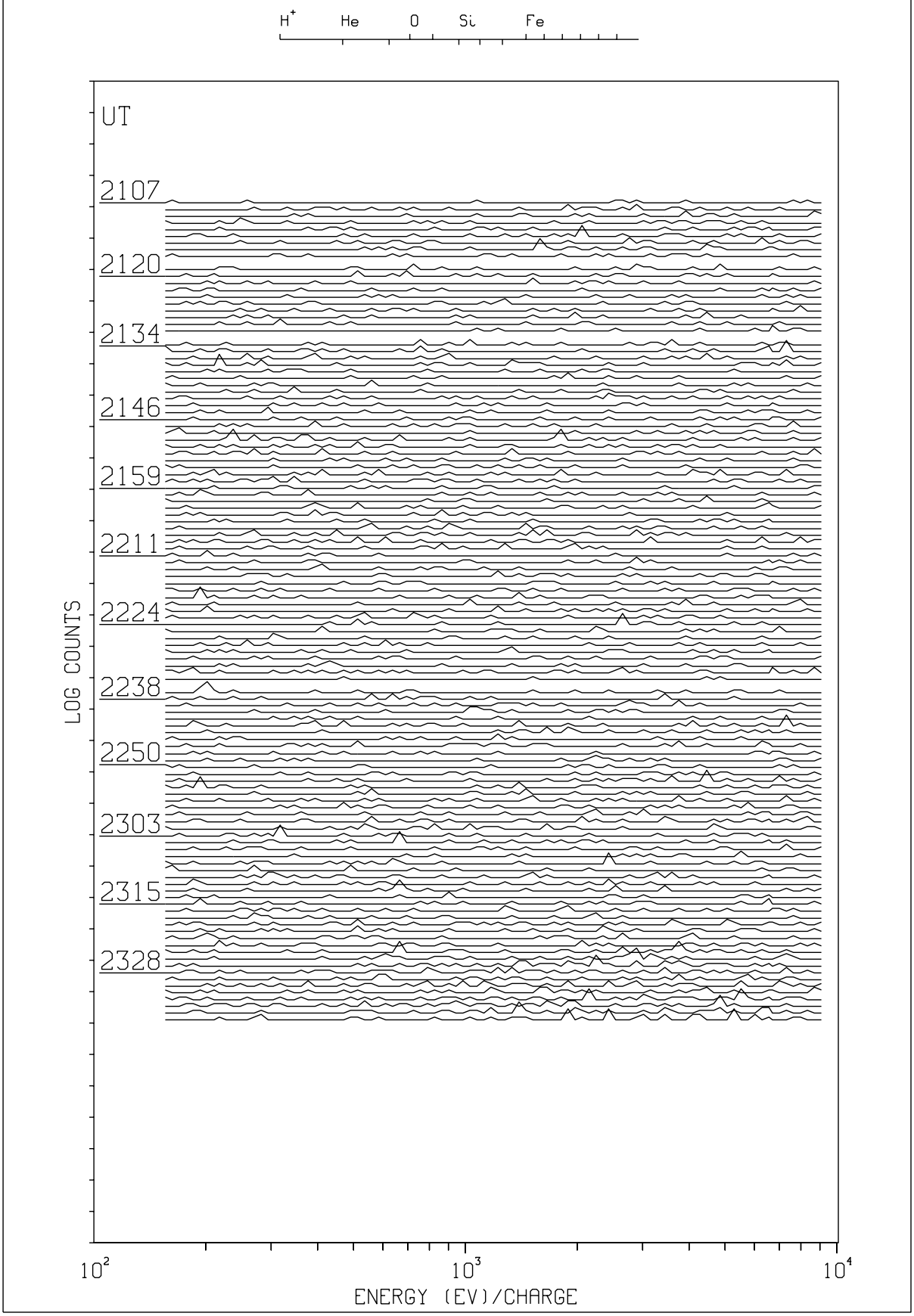
(END) RADIUS (RE) 0.87 MS-LAT/LONG 28.38 179.84 SE-LAT/LONG 28.38 179.86



IMP-8 970721 FILE 2 REC 53

(START) RADIUS (RE) 0.87 MS-LAT/LONG 28.38 179.84 SE-LAT/LONG 28.38 179.86

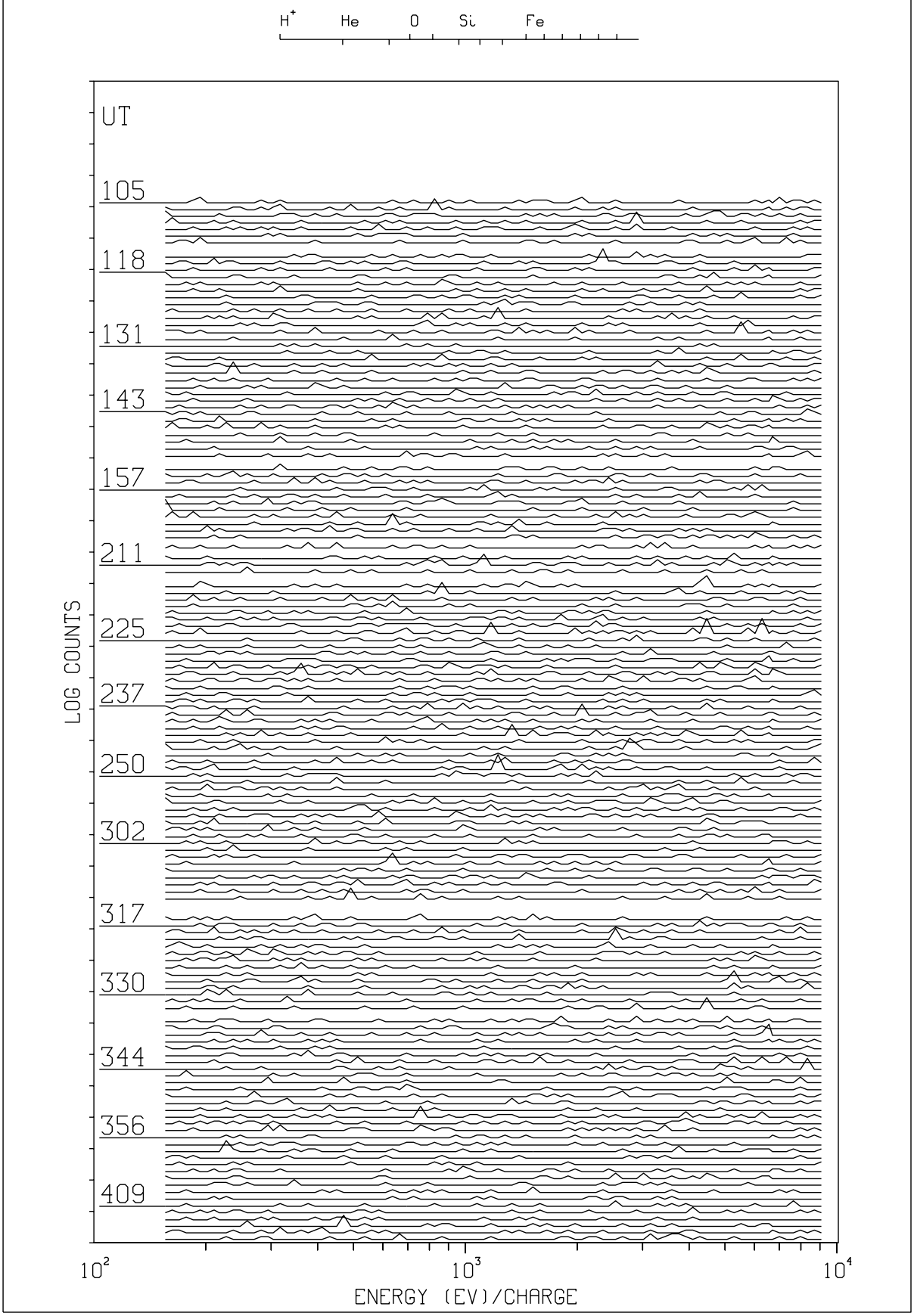
(END) RADIUS (RE) 0.87 MS-LAT/LONG 31.16 -175.37 SE-LAT/LONG 30.96 -174.08



IMP-8 970722 FILE 4 REC 64

(START) RADIUS (RE) 0.87 MS-LAT/LONG 31.16 -175.37 SE-LAT/LONG 30.96 -174.08

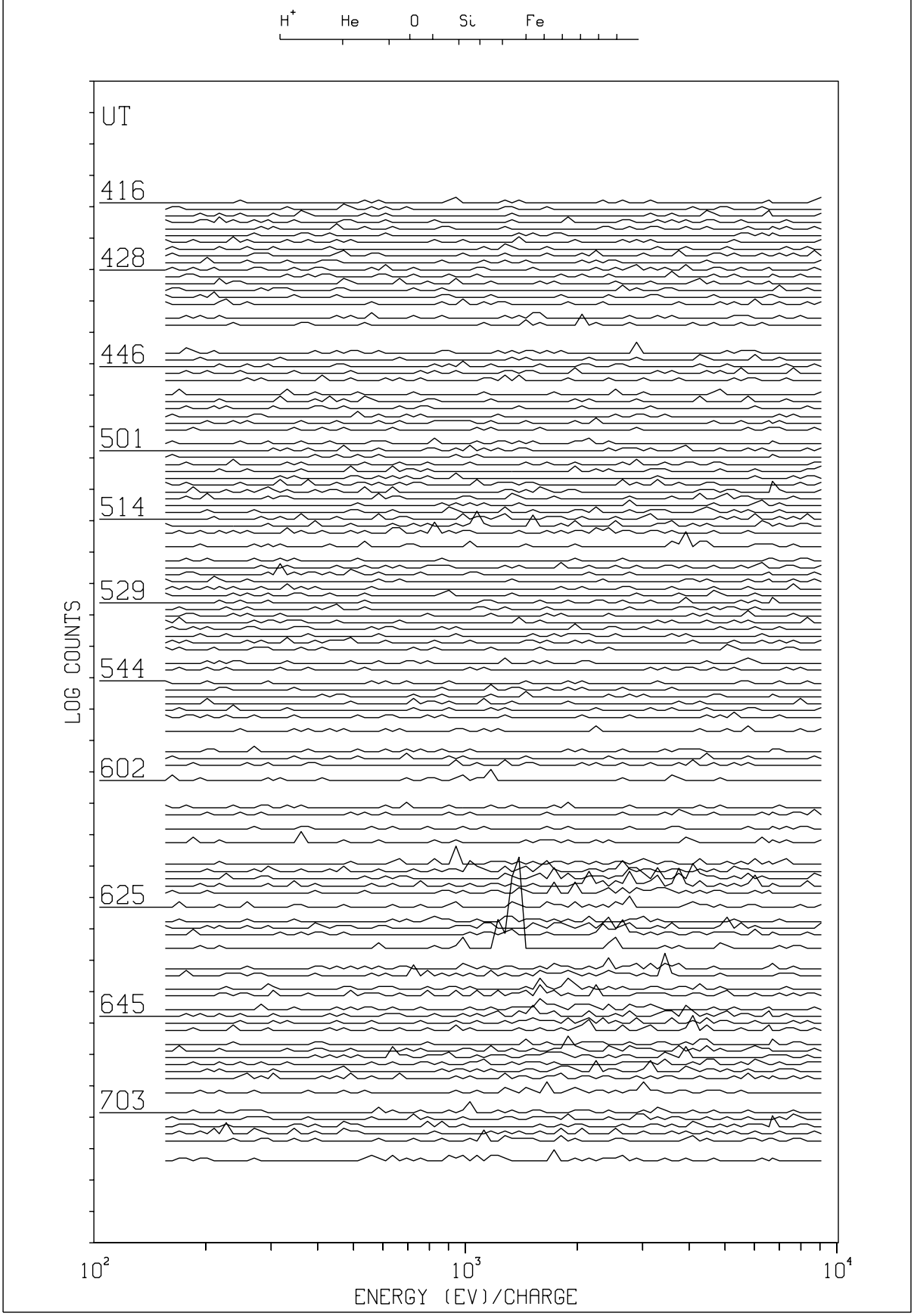
(END) RADIUS (RE) 0.87 MS-LAT/LONG 34.21 -176.03 SE-LAT/LONG 32.81 -169.00



IMP-8 970722 FILE 6 REC 41

(START) RADIUS (RE) 0.87 MS-LAT/LONG 34.21 -176.03 SE-LAT/LONG 32.81 -169.00

(END) RADIUS (RE) 0.87 MS-LAT/LONG 37.88 -178.38 SE-LAT/LONG 34.54 -163.29

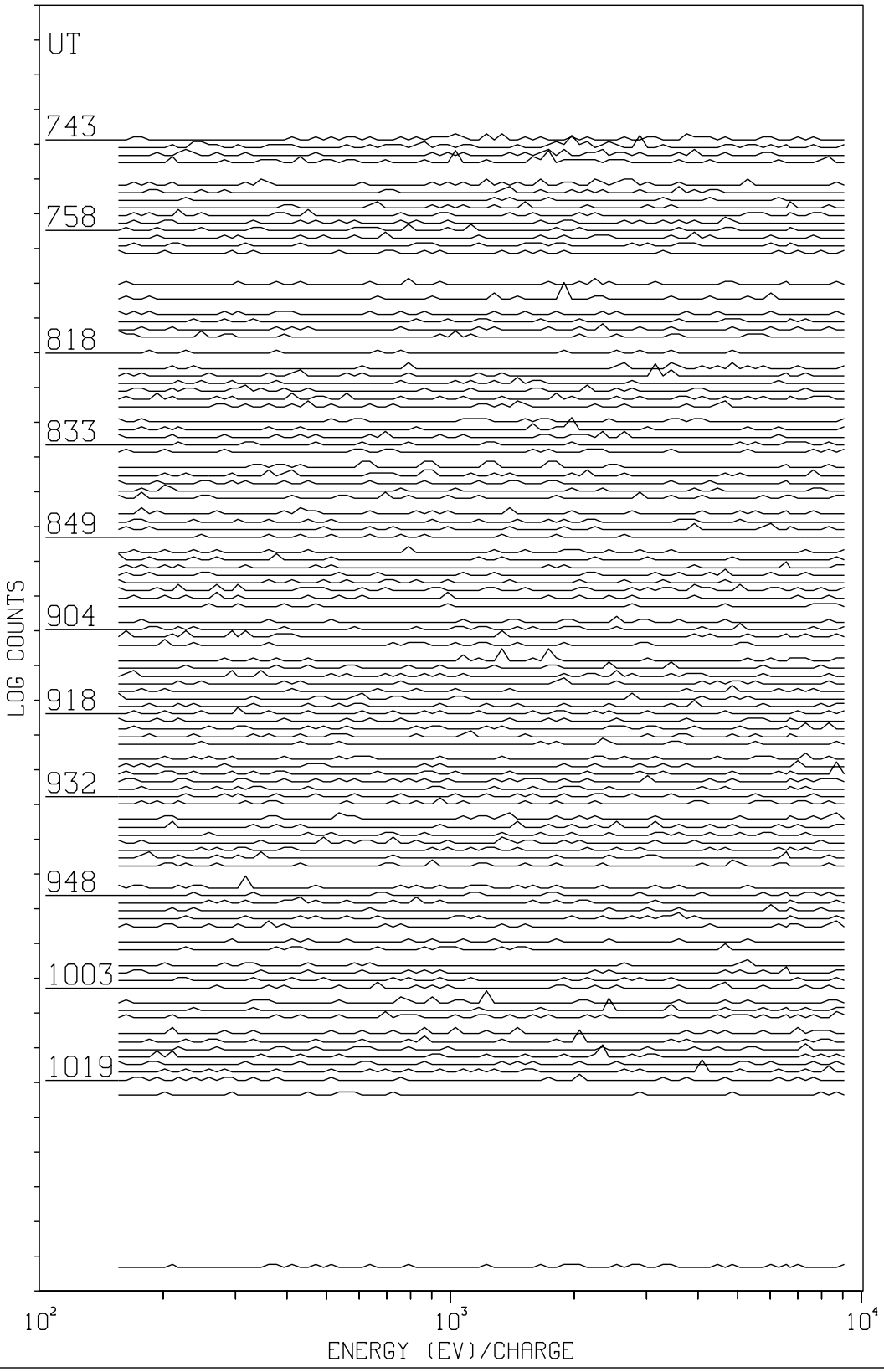


IMP-8 970722 FILE 8 REC 1

(START) RADIUS (RE) 0.87 MS-LAT/LONG 37.88 -178.38 SE-LAT/LONG 34.54 -163.29

(END) RADIUS (RE) 0.87 MS-LAT/LONG 41.43 -177.34 SE-LAT/LONG 35.92 -157.64

H^+ He O Si Fe

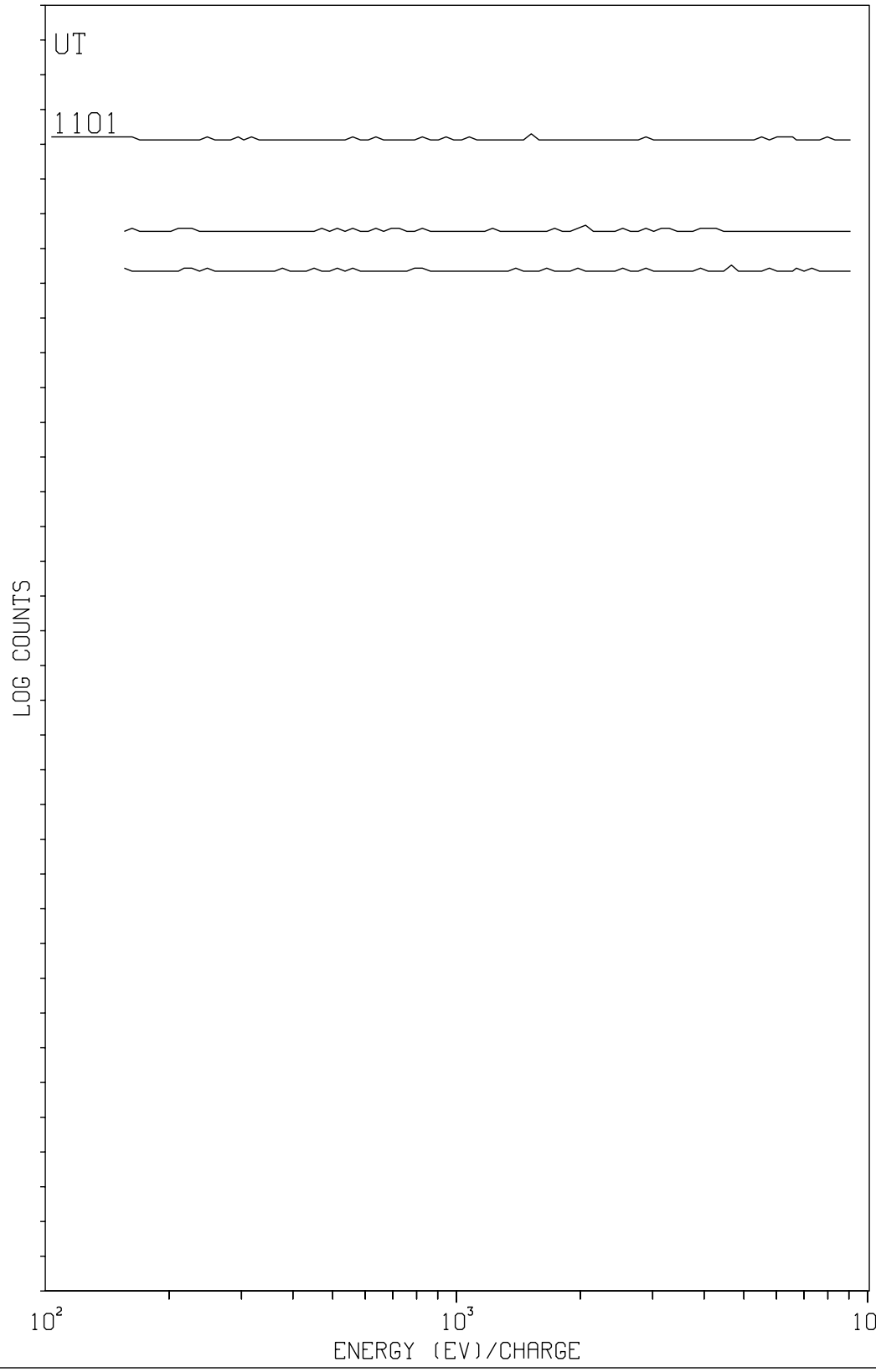


IMP-8 970722 FILE 9 REC 44

(START) RADIUS (RE) 0.87 MS-LAT/LONG 41.43-177.34 SE-LAT/LONG 35.92-157.64

(END) RADIUS (RE) 0.88 MS-LAT/LONG 39.88-144.42 SE-LAT/LONG 38.08-142.45

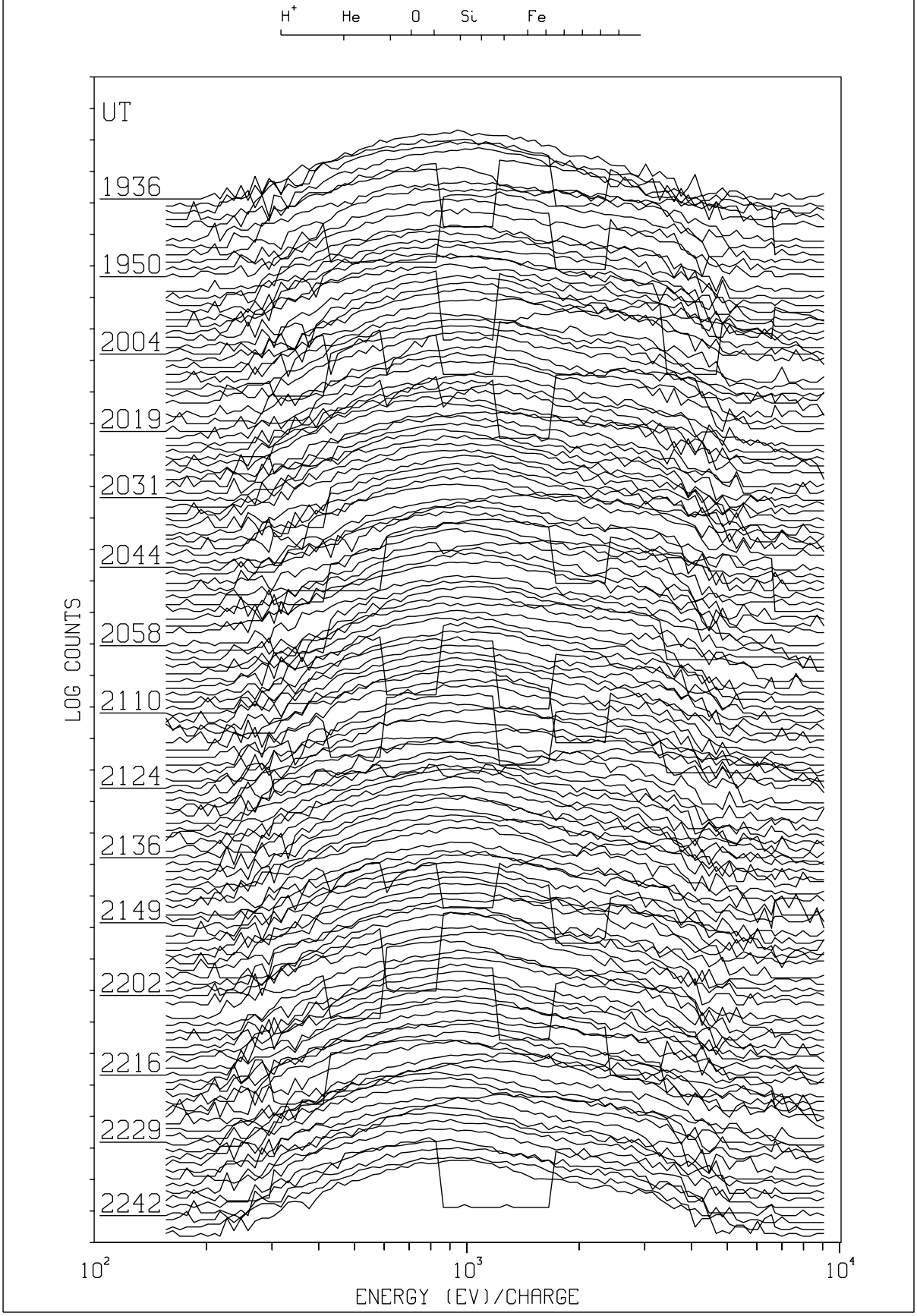
H^+ He O Si Fe



IMP-8 970722 FILE 11 REC 2

(START) RADIUS (RE) 0.88 MS-LAT/LONG 39.88-144.42 SE-LAT/LONG 38.08-142.45

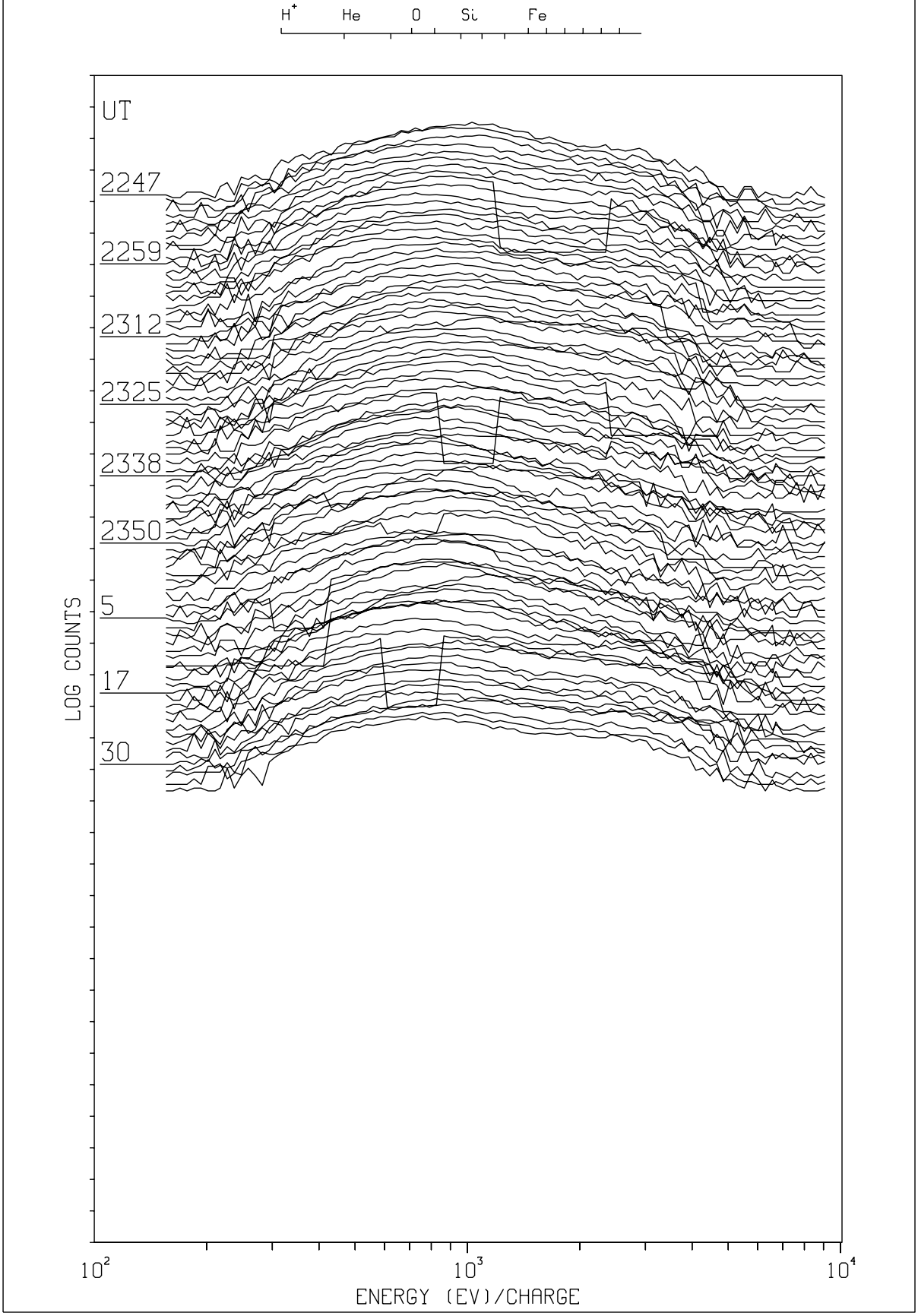
(END) RADIUS (RE) 0.88 MS-LAT/LONG 38.18-136.61 SE-LAT/LONG 38.34-136.75



IMP-8 970722 FILE 12 REC 54

(START) RADIUS (RE) 0.88 MS-LAT/LONG 38.18 -136.61 SE-LAT/LONG 38.34 -136.75

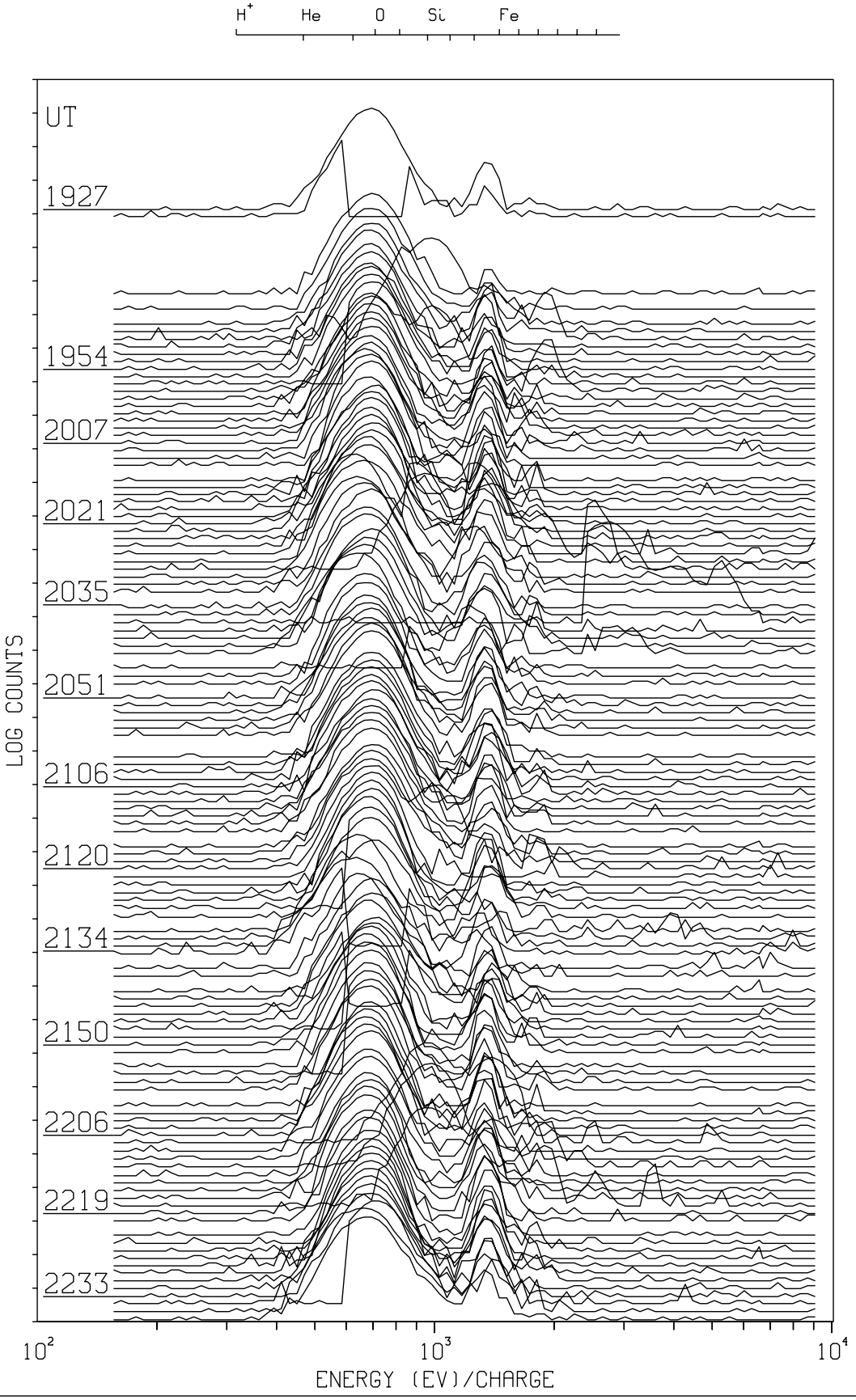
(END) RADIUS (RE) 0.88 MS-LAT/LONG 37.32 -103.22 SE-LAT/LONG 33.65 -102.62



IMP-8 970723 FILE 16 REC 1

(START) RADIUS (RE) 0.88 MS-LAT/LONG 37.32-103.22 SE-LAT/LONG 33.65-102.62

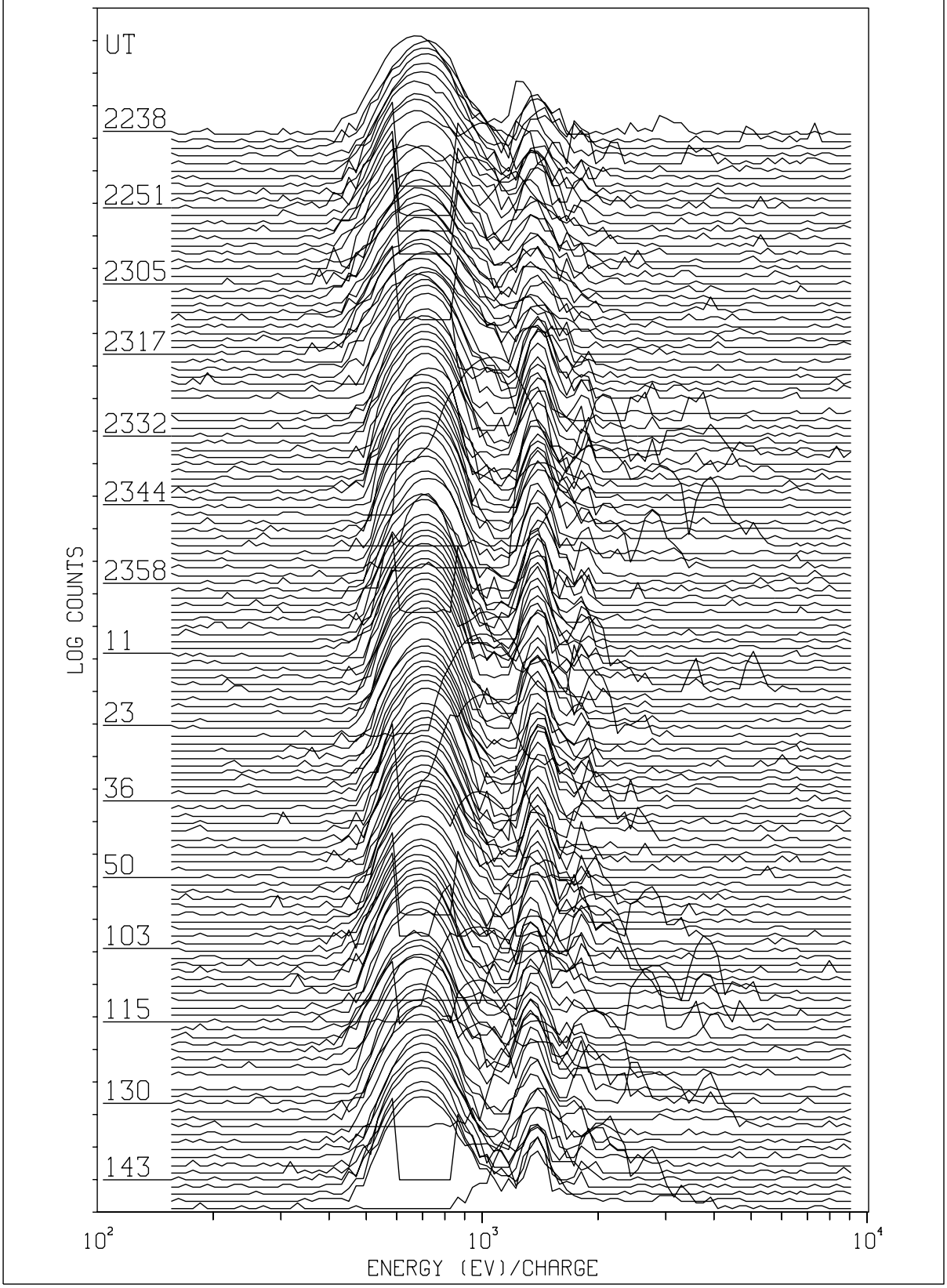
(END) RADIUS (RE) 0.88 MS-LAT/LONG 32.23-98.10 SE-LAT/LONG 32.15-98.09



IMP-8 970723 FILE 17 REC 53

(START) RADIUS (RE) 0.88 MS-LAT/LONG 32.23-98.10 SE-LAT/LONG 32.15-98.09

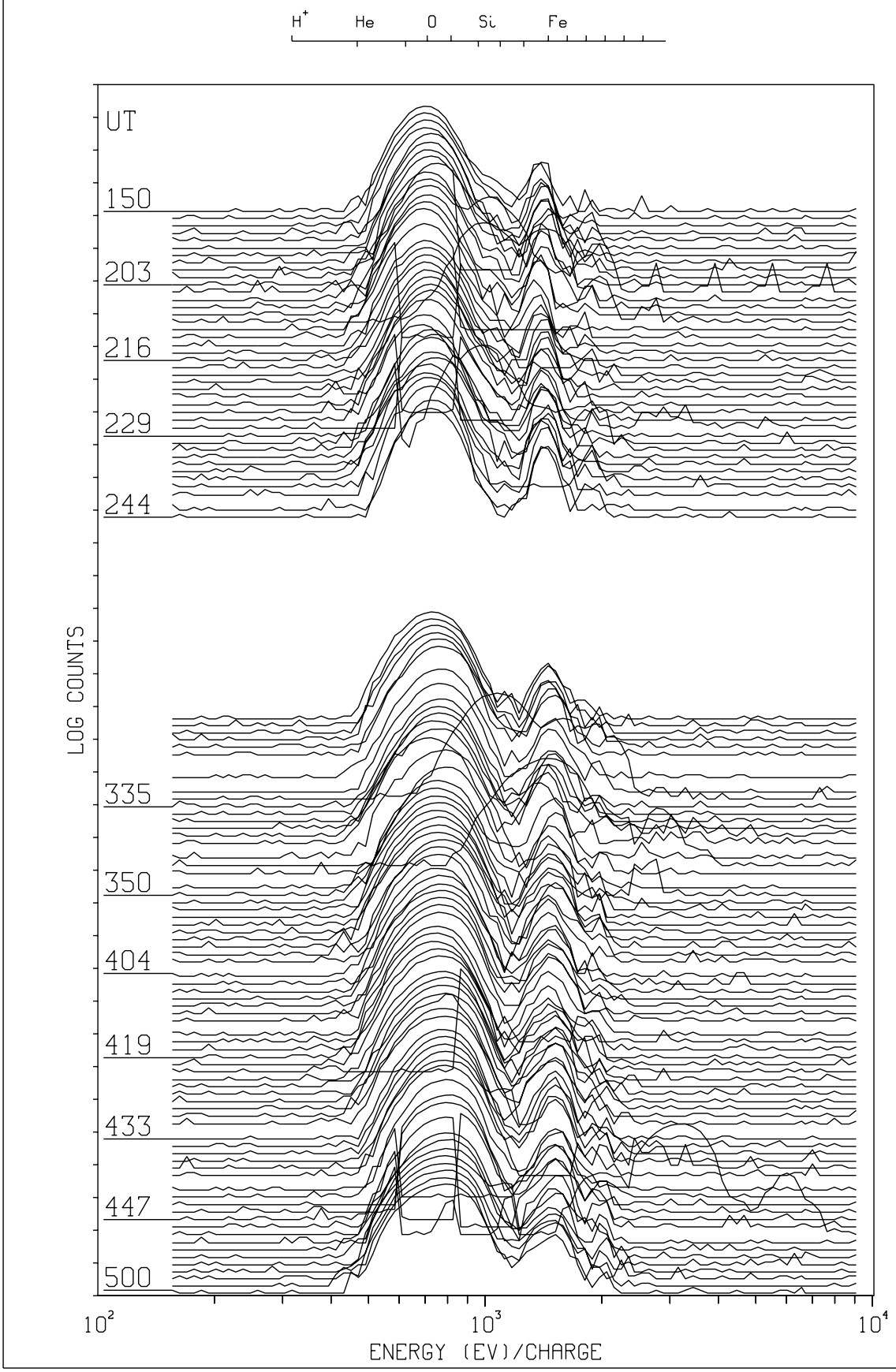
(END) RADIUS (RE) 0.88 MS-LAT/LONG 34.99-93.98 SE-LAT/LONG 30.51-93.78



IMP-8 970724 FILE 19 REC 18

(START) RADIUS (RE) 0.88 MS-LAT/LONG 34.99 -93.98 SE-LAT/LONG 30.51 -93.78

(END) RADIUS (RE) 0.88 MS-LAT/LONG 42.46 -89.63 SE-LAT/LONG 28.75 -89.69

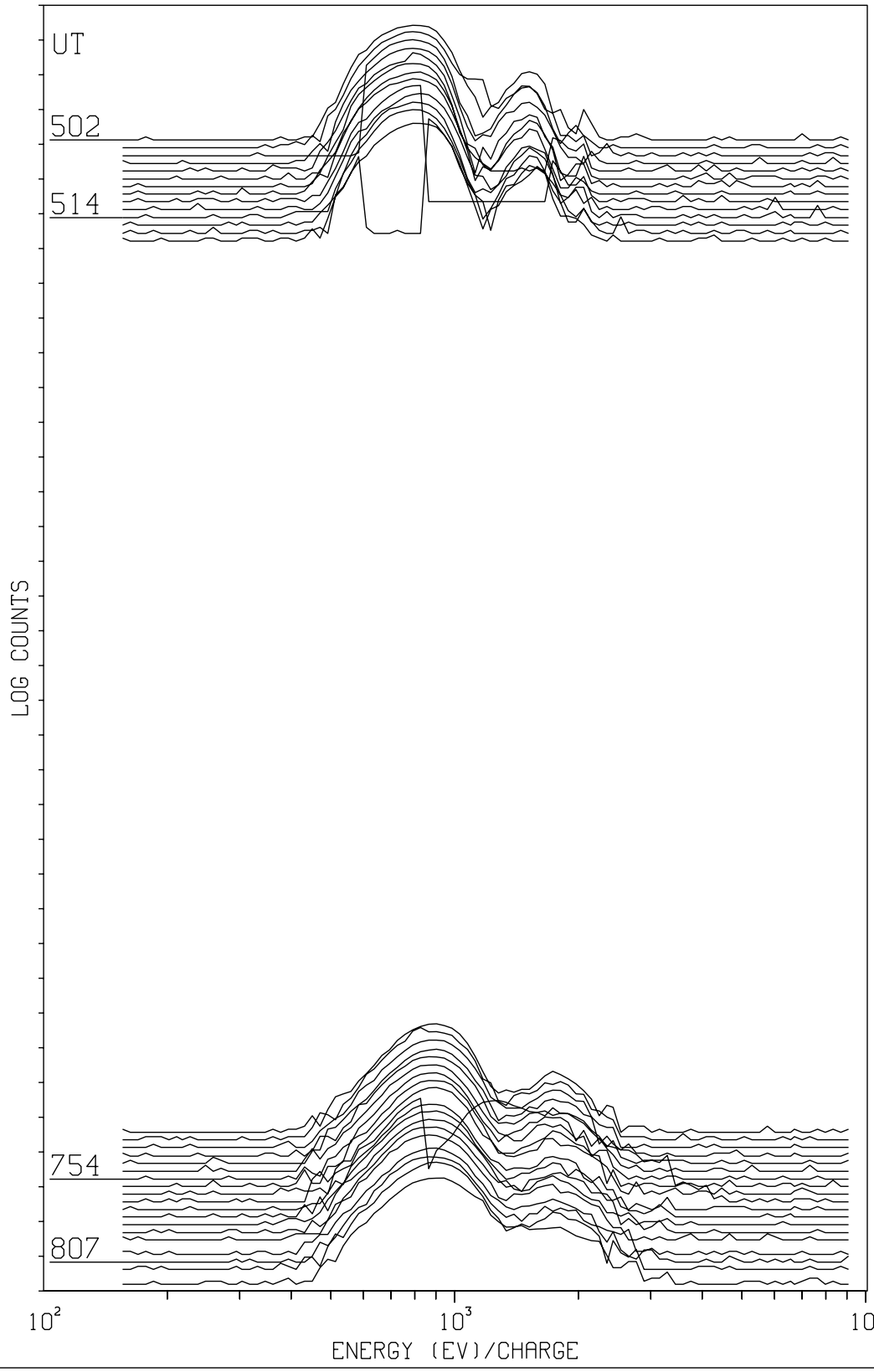


IMP-8 970724 FILE 21 REC 29

(START) RADIUS (RE) 0.88 MS-LAT/LONG 42.46 -89.63 SE-LAT/LONG 28.75 -89.69

(END) RADIUS (RE) 0.88 MS-LAT/LONG 49.14 -84.28 SE-LAT/LONG 26.89 -85.81

H^+ He O Si Fe

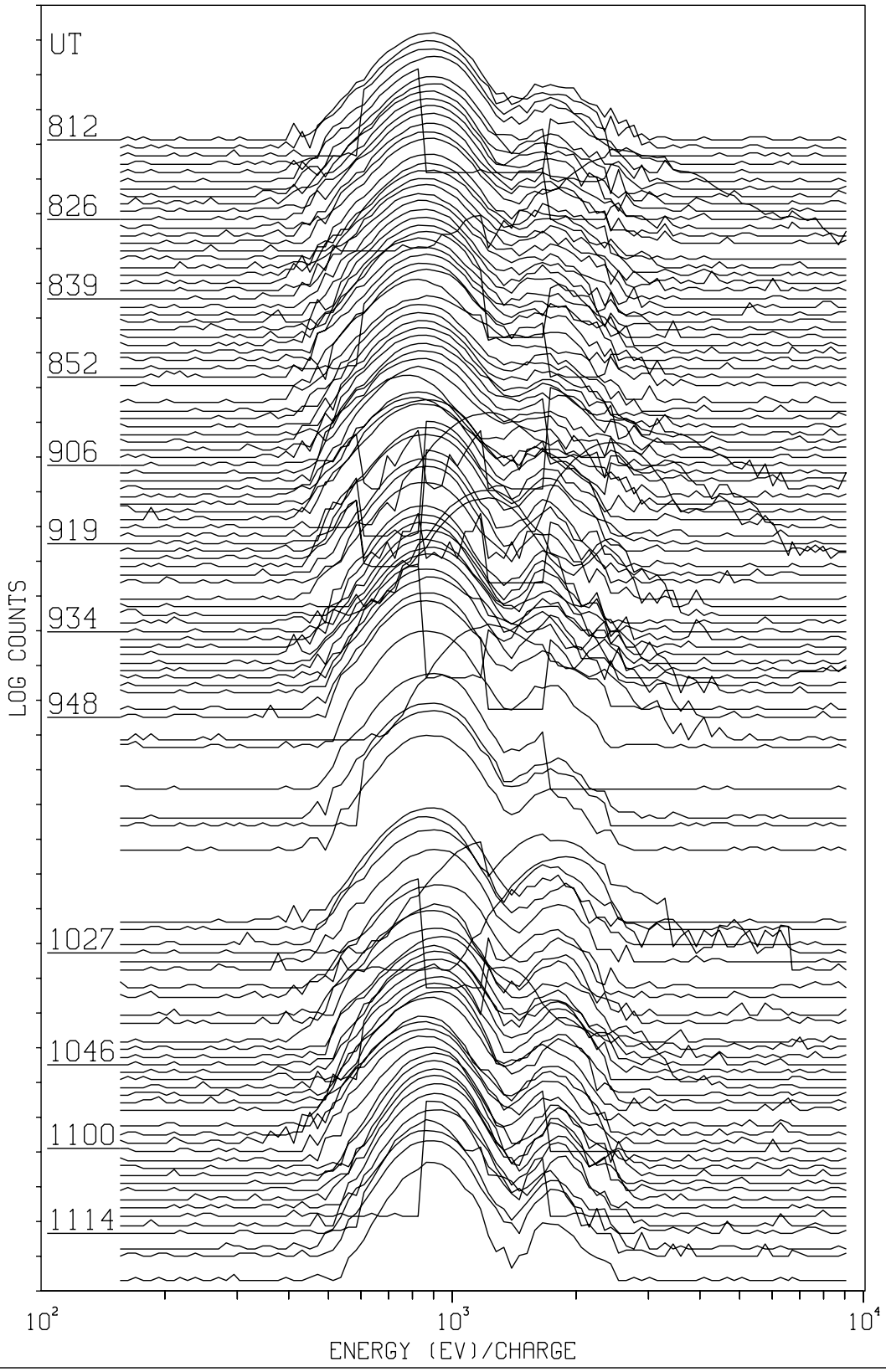


IMP-8 970724 FILE 22 REC 21

(START) RADIUS (RE) 0.88 MS-LAT/LONG 49.14 -84.28 SE-LAT/LONG 26.89 -85.81

(END) RADIUS (RE) 0.88 MS-LAT/LONG 49.90 -78.84 SE-LAT/LONG 24.94 -82.10

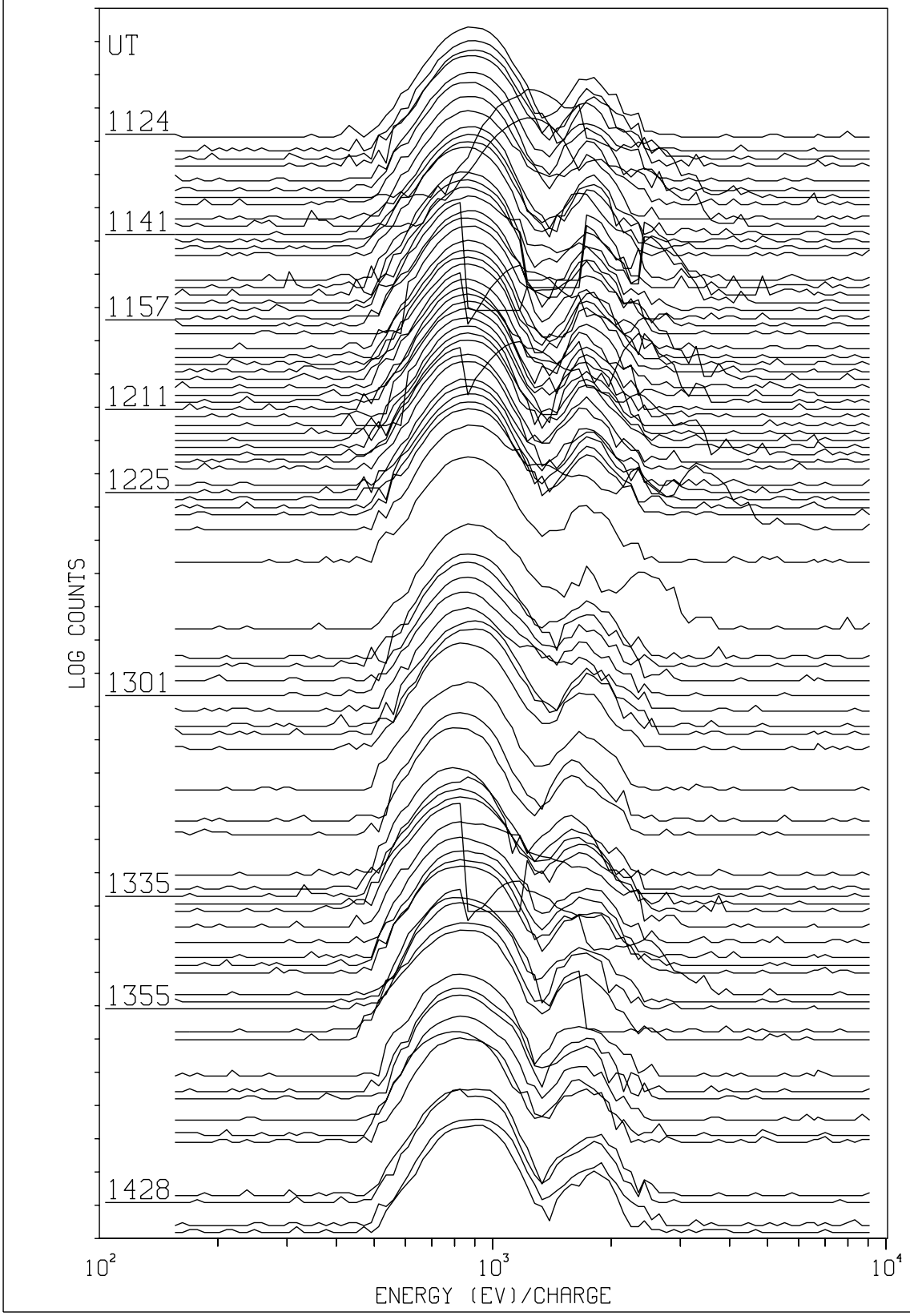
H^+ He O Si Fe



IMP-8 970724 FILE 23 REC 65

(START) RADIUS (RE) 0.88 MS-LAT/LONG 49.90 -78.84 SE-LAT/LONG 24.94 -82.10

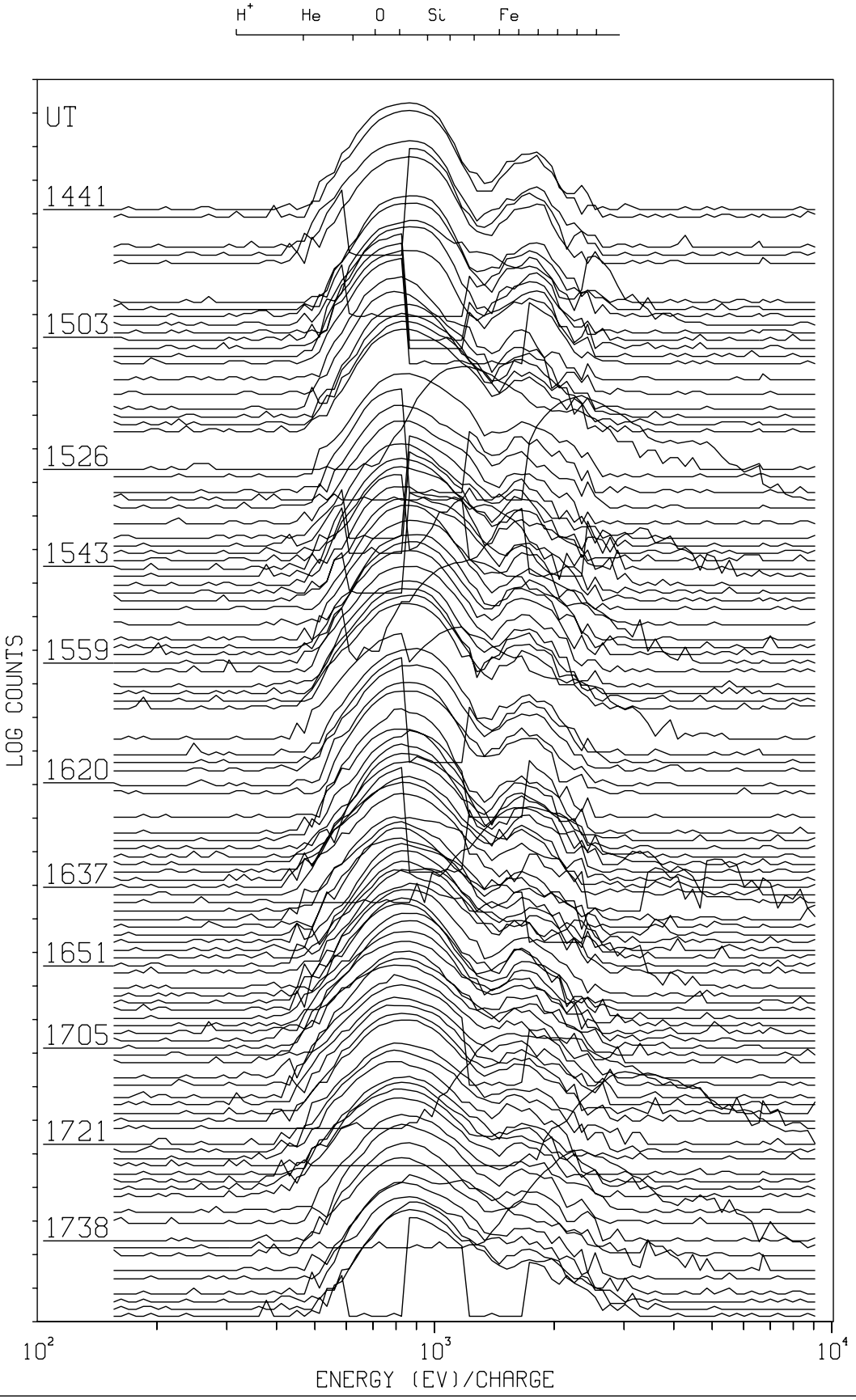
(END) RADIUS (RE) 0.88 MS-LAT/LONG 42.05 -75.63 SE-LAT/LONG 22.87 -78.46



IMP-8 970724 FILE 25 REC 40

(START) RADIUS (RE) 0.88 MS-LAT/LONG 42.05 -75.63 SE-LAT/LONG 22.87 -78.46

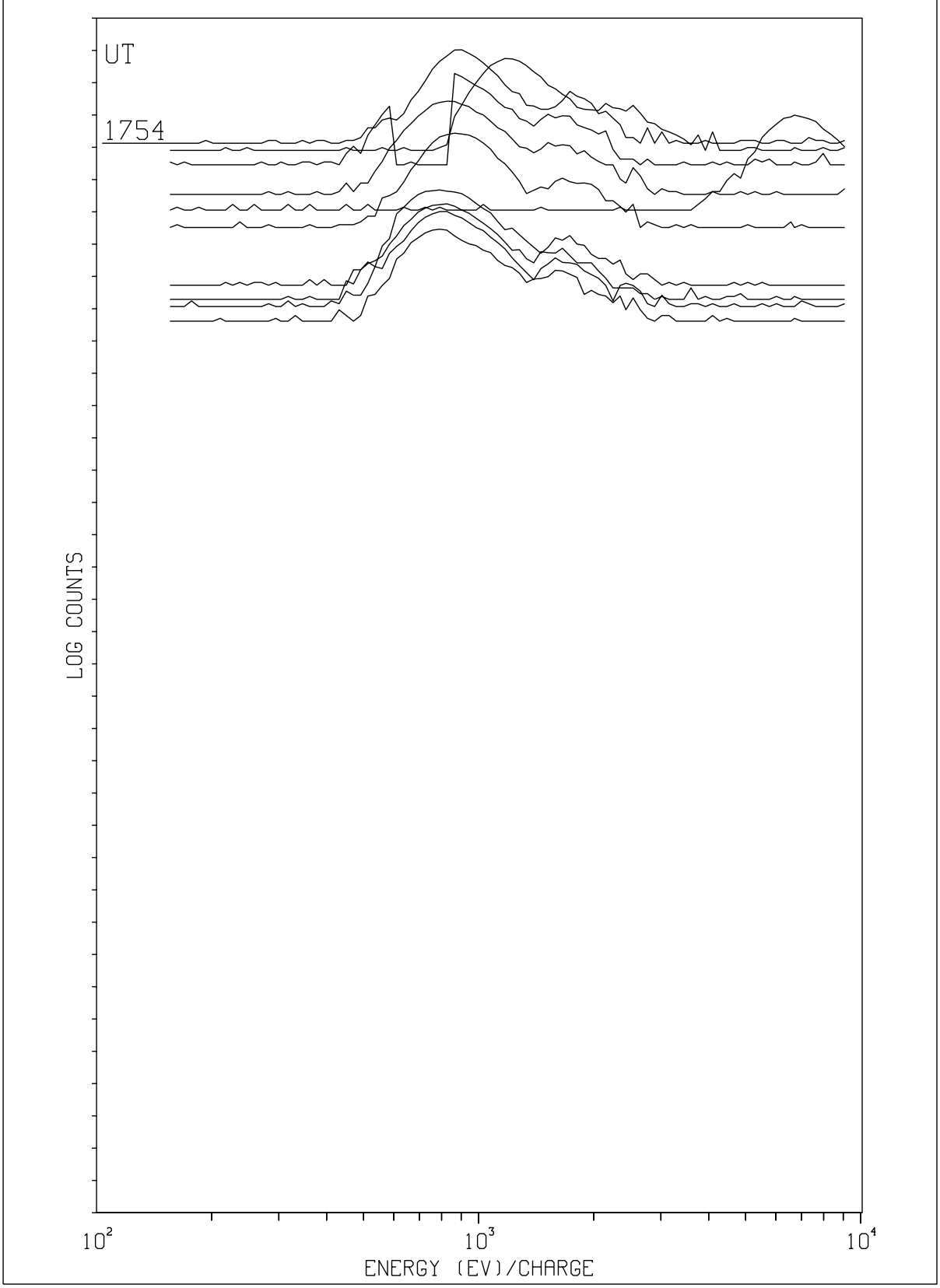
(END) RADIUS (RE) 0.88 MS-LAT/LONG 29.17 -73.99 SE-LAT/LONG 20.79 -75.07



IMP-8 970724 FILE 27 REC 7

(START) RADIUS (RE) 0.88 MS-LAT/LONG 29.17 -73.99 SE-LAT/LONG 20.79 -75.07

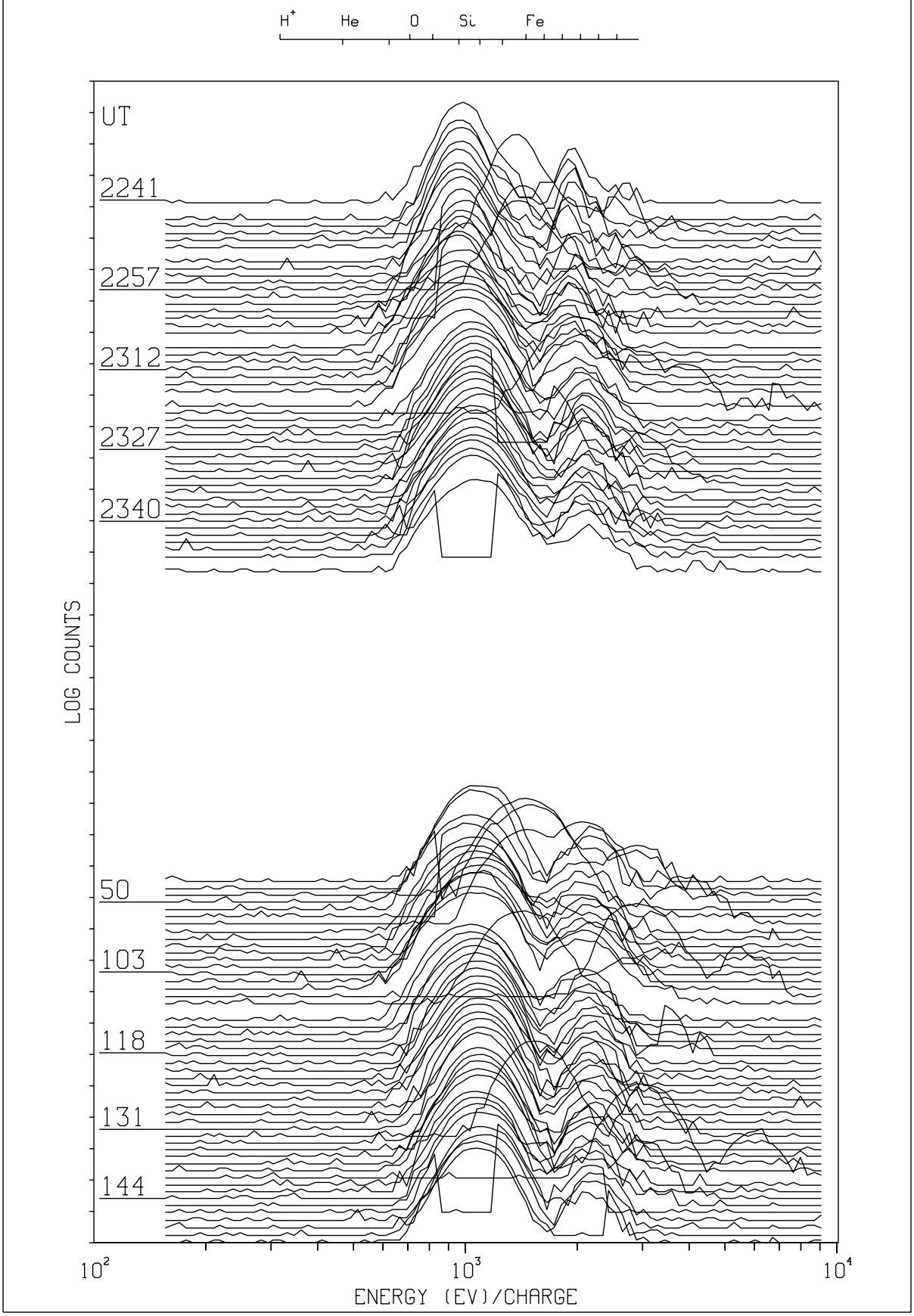
(END) RADIUS (RE) 0.88 MS-LAT/LONG 18.02 -70.21 SE-LAT/LONG 17.60 -70.26



IMP-8 970724 FILE 28 REC 1

(START) RADIUS (RE) 0.88 MS-LAT/LONG 18.02-70.21 SE-LAT/LONG 17.60-70.26

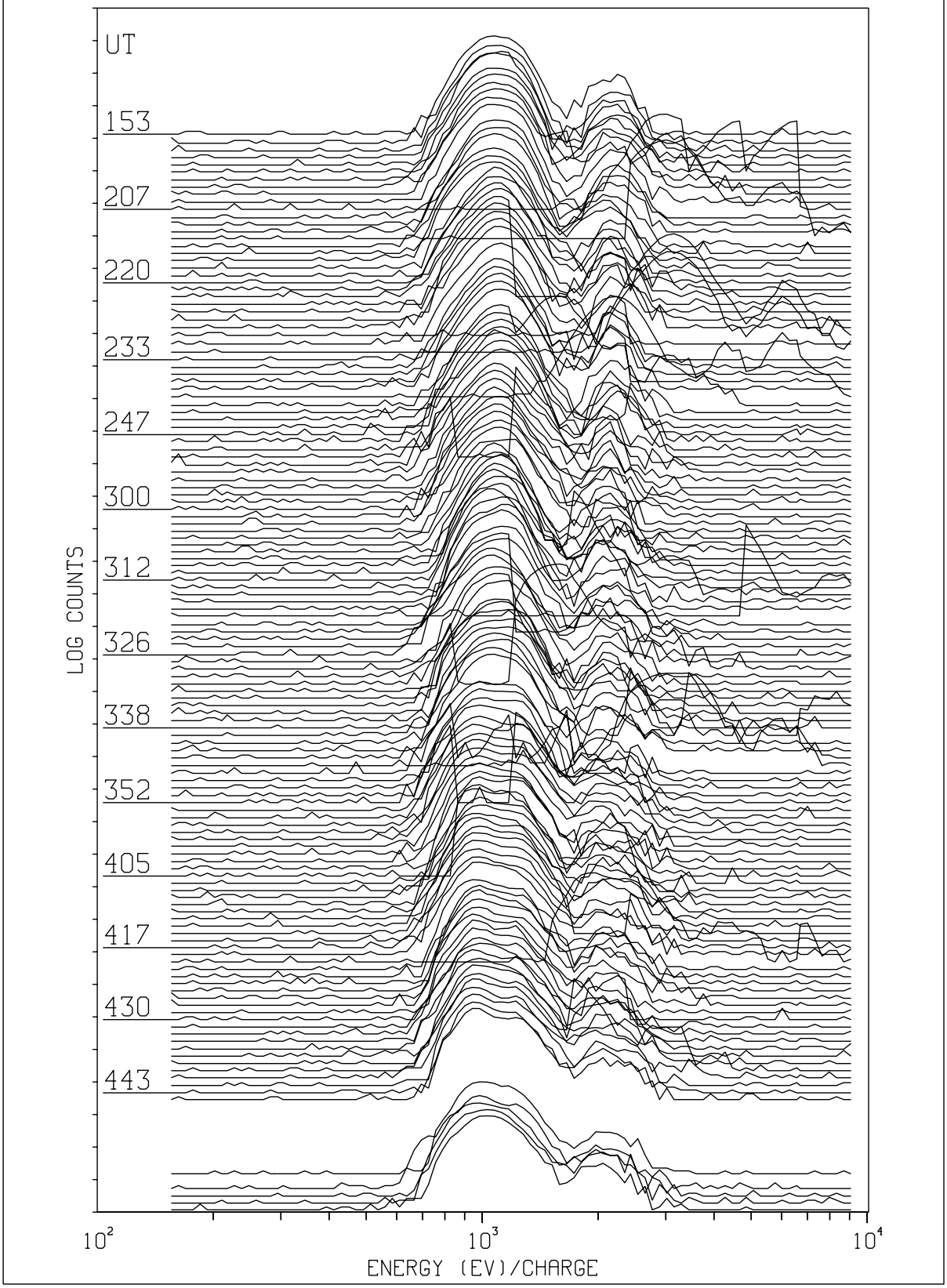
(END) RADIUS (RE) 0.88 MS-LAT/LONG 20.01-66.58 SE-LAT/LONG 15.44-67.20



IMP-8 970725 FILE 29 REC 51

(START) RADIUS (RE) 0.88 MS-LAT/LONG 20.01 -66.58 SE-LAT/LONG 15.44 -67.20

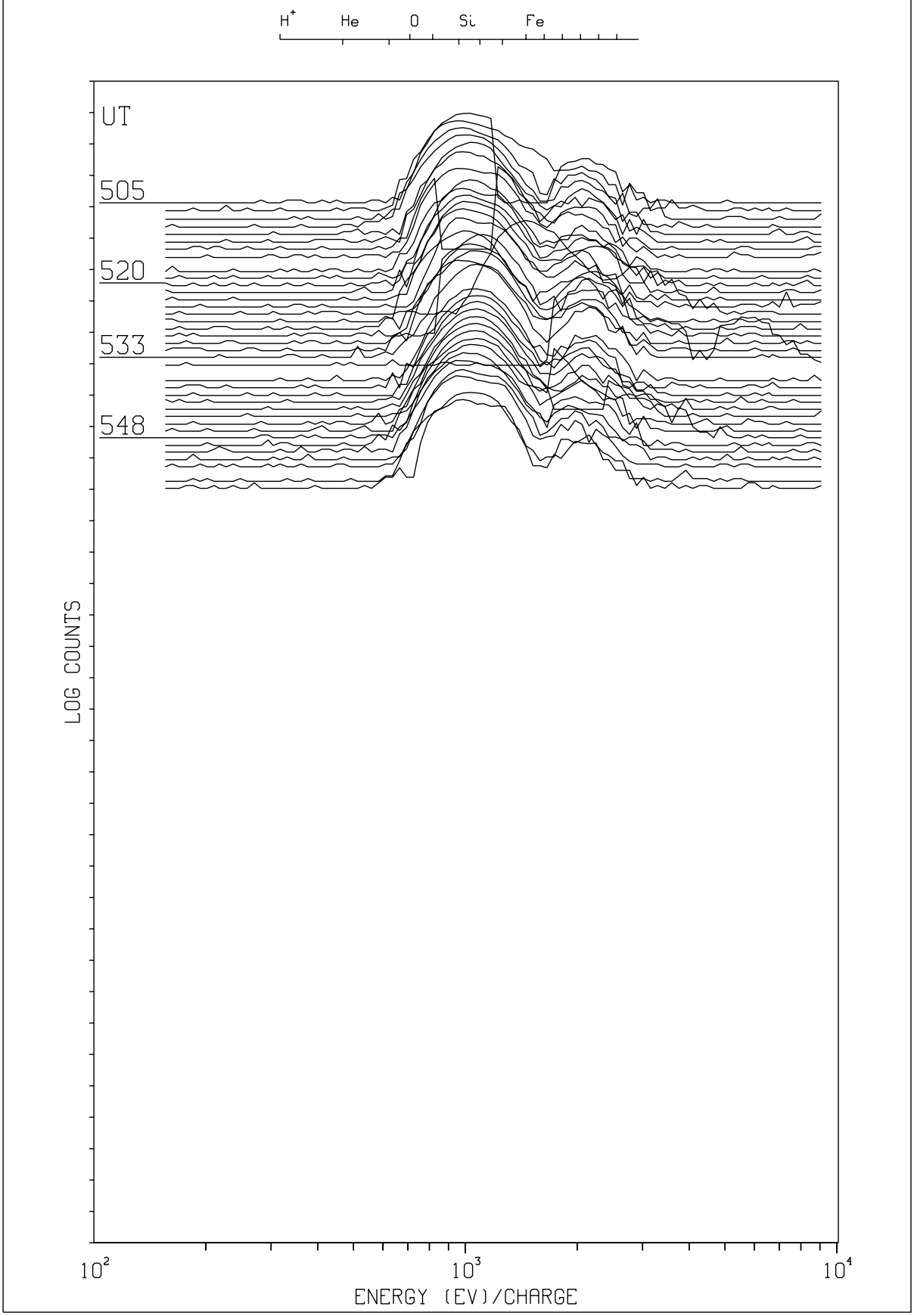
(END) RADIUS (RE) 0.88 MS-LAT/LONG 25.97 -61.95 SE-LAT/LONG 13.26 -64.26



IMP-8 970725 FILE 31 REC 8

(START) RADIUS (RE) 0.88 MS-LAT/LONG 25.97 -61.95 SE-LAT/LONG 13.26 -64.26

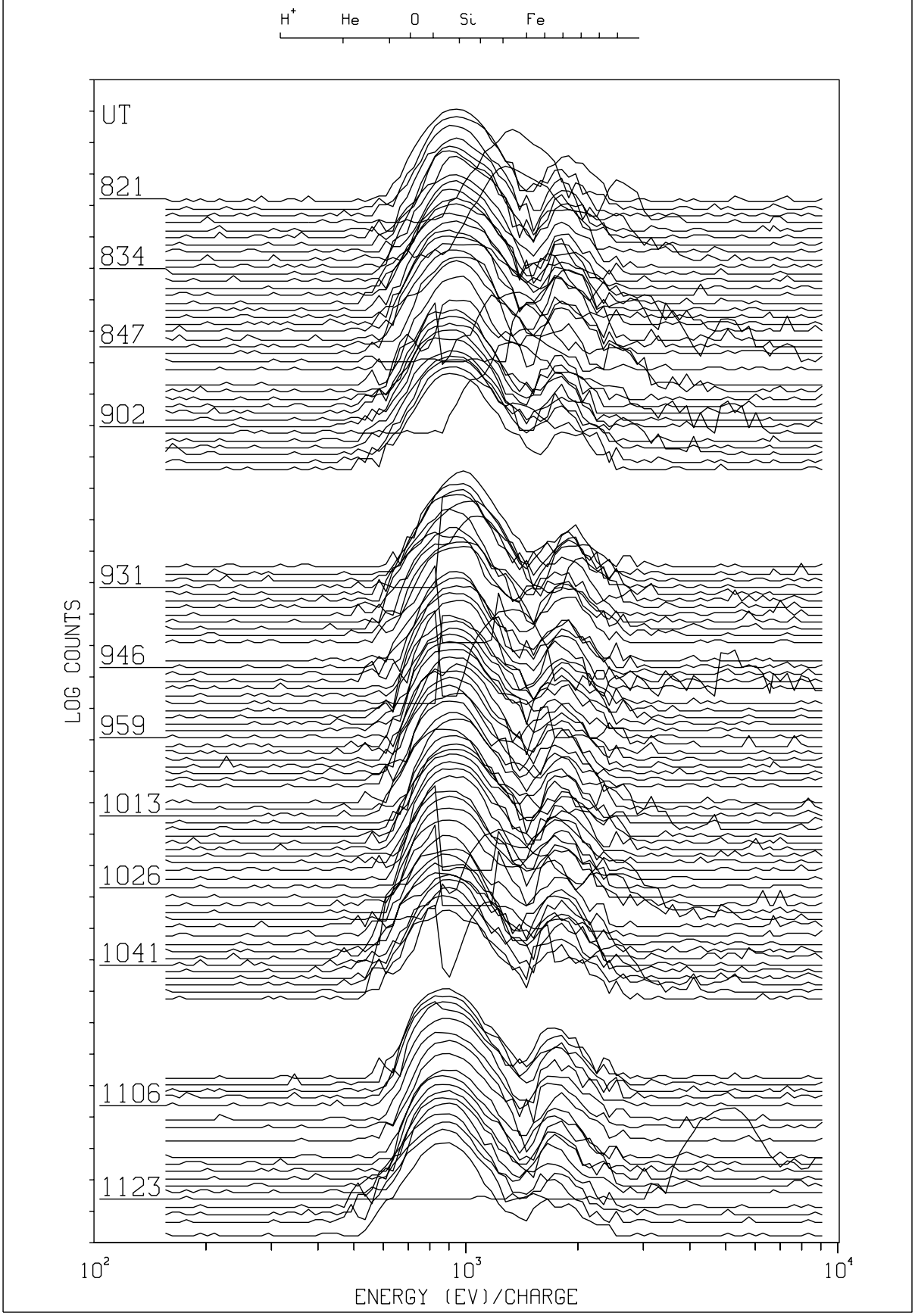
(END) RADIUS (RE) 0.88 MS-LAT/LONG 30.78 -56.77 SE-LAT/LONG 11.03 -61.34



IMP-8 970725 FILE 32 REC 1

(START) RADIUS (RE) 0.88 MS-LAT/LONG 30.78-56.77 SE-LAT/LONG 11.03-61.34

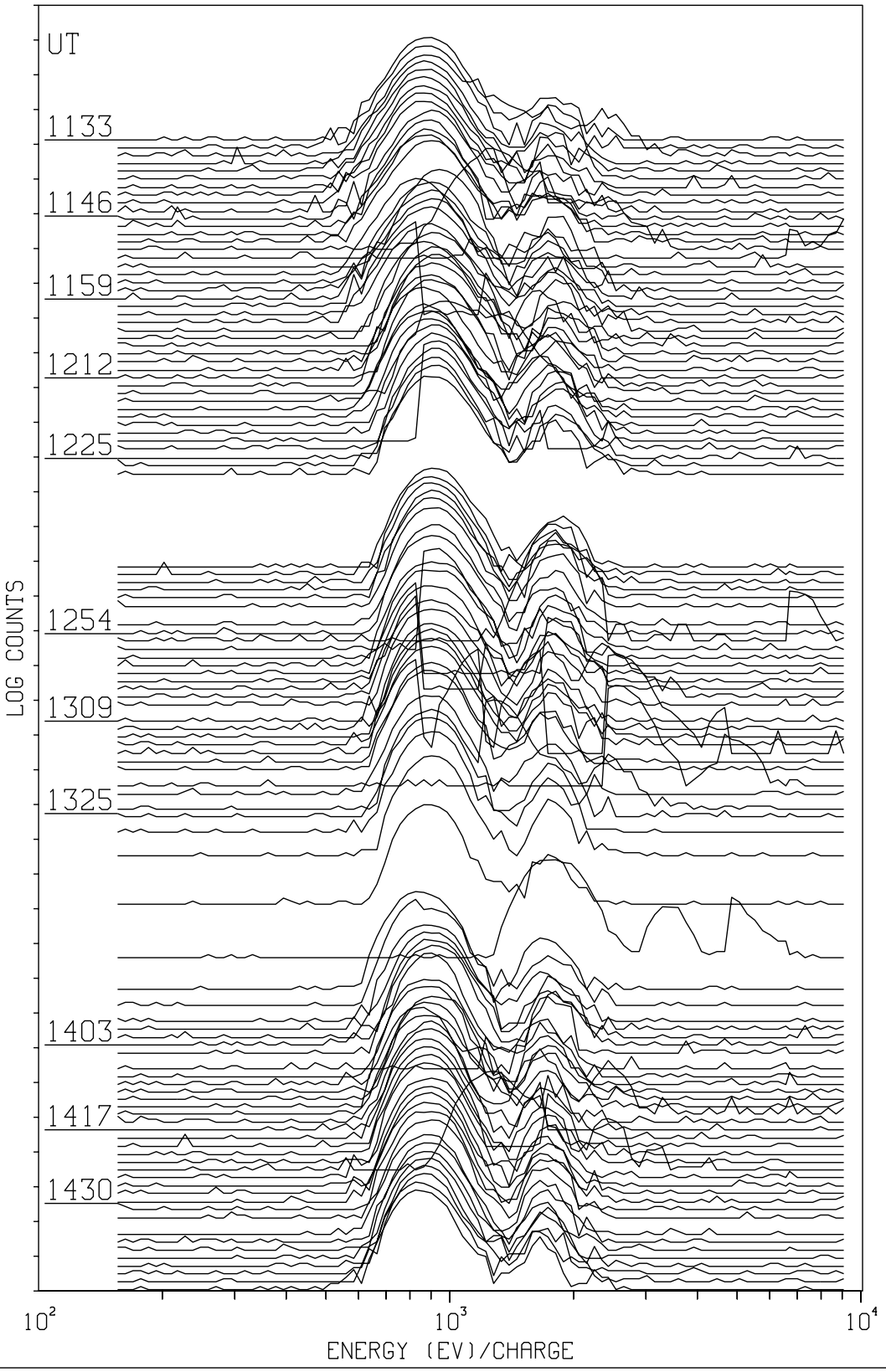
(END) RADIUS (RE) 0.88 MS-LAT/LONG 30.14-53.41 SE-LAT/LONG 8.83-58.55

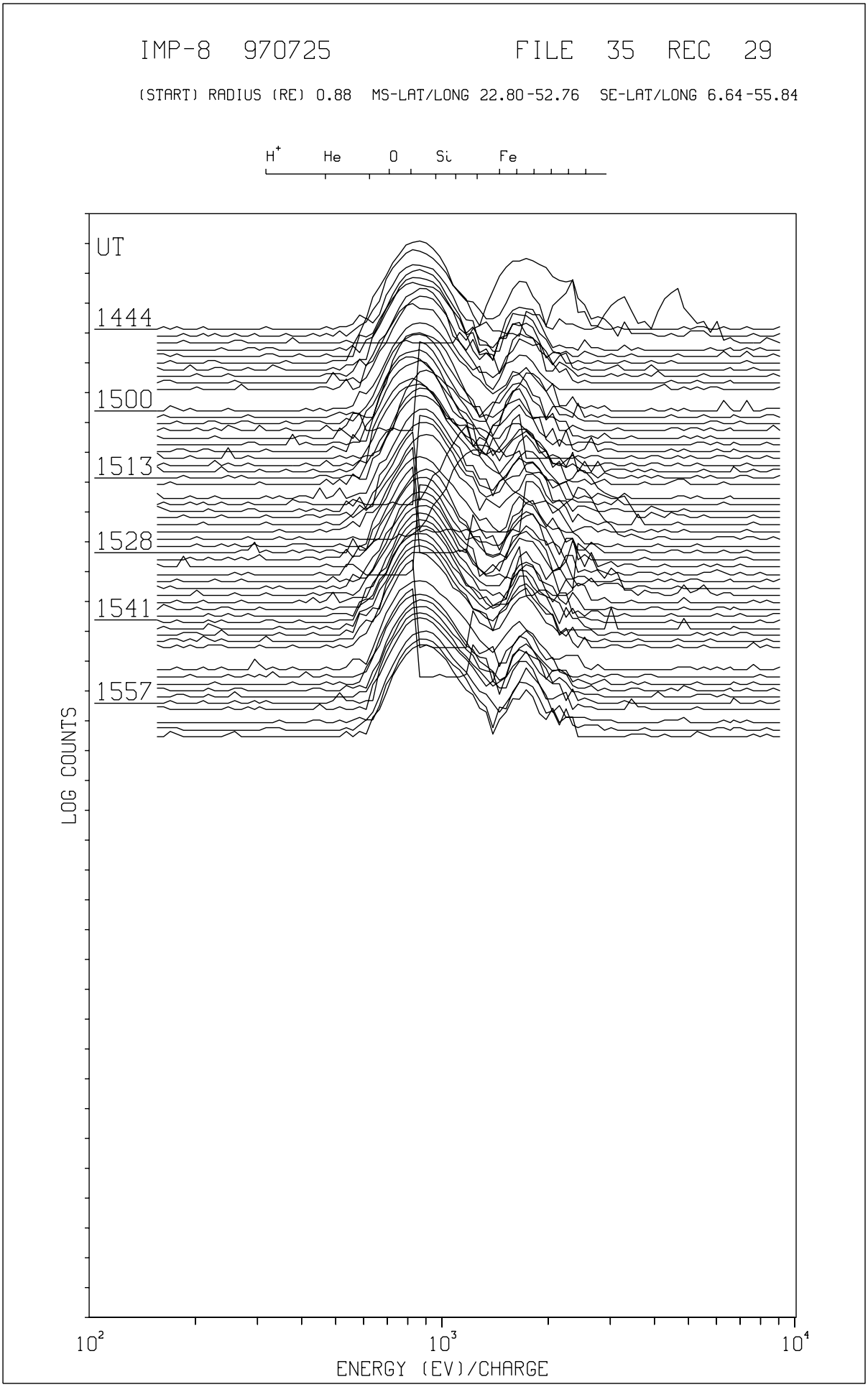


IMP-8 970725 FILE 33 REC 56

(START) RADIUS (RE) 0.88 MS-LAT/LONG 30.14 -53.41 SE-LAT/LONG 8.83 -58.55

(END) RADIUS (RE) 0.88 MS-LAT/LONG 22.80 -52.76 SE-LAT/LONG 6.64 -55.84



IMP-8 970725 FILE 35 REC 29

(START) RADIUS (RE) 0.88 MS-LAT/LONG 22.80 -52.76 SE-LAT/LONG 6.64 -55.84