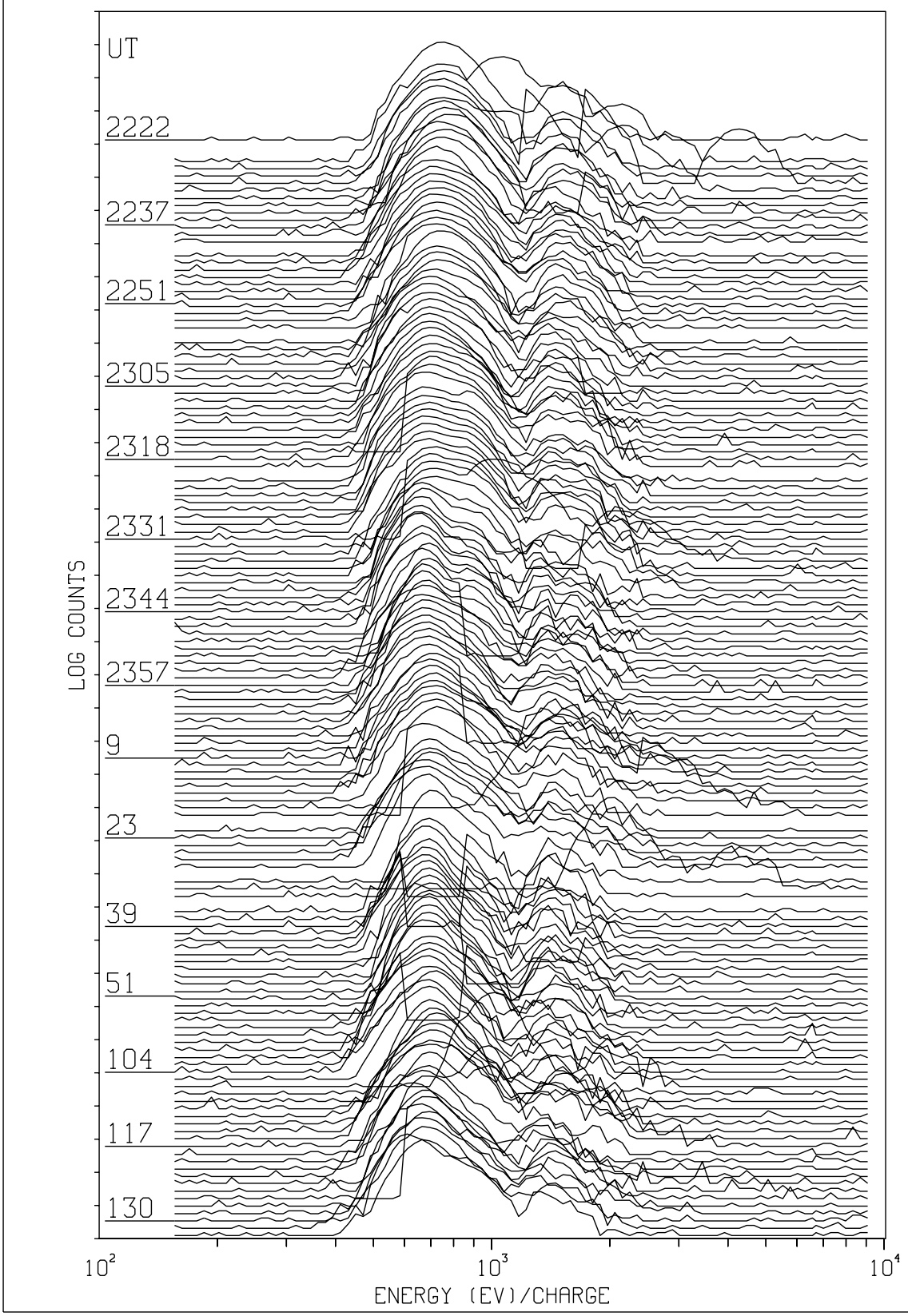
IMP-8 970817 FILE 1 REC 1

(START) RADIUS (RE) 0.88 MS-LAT/LONG 26.84 -97.51 SE-LAT/LONG 19.45 -97.10

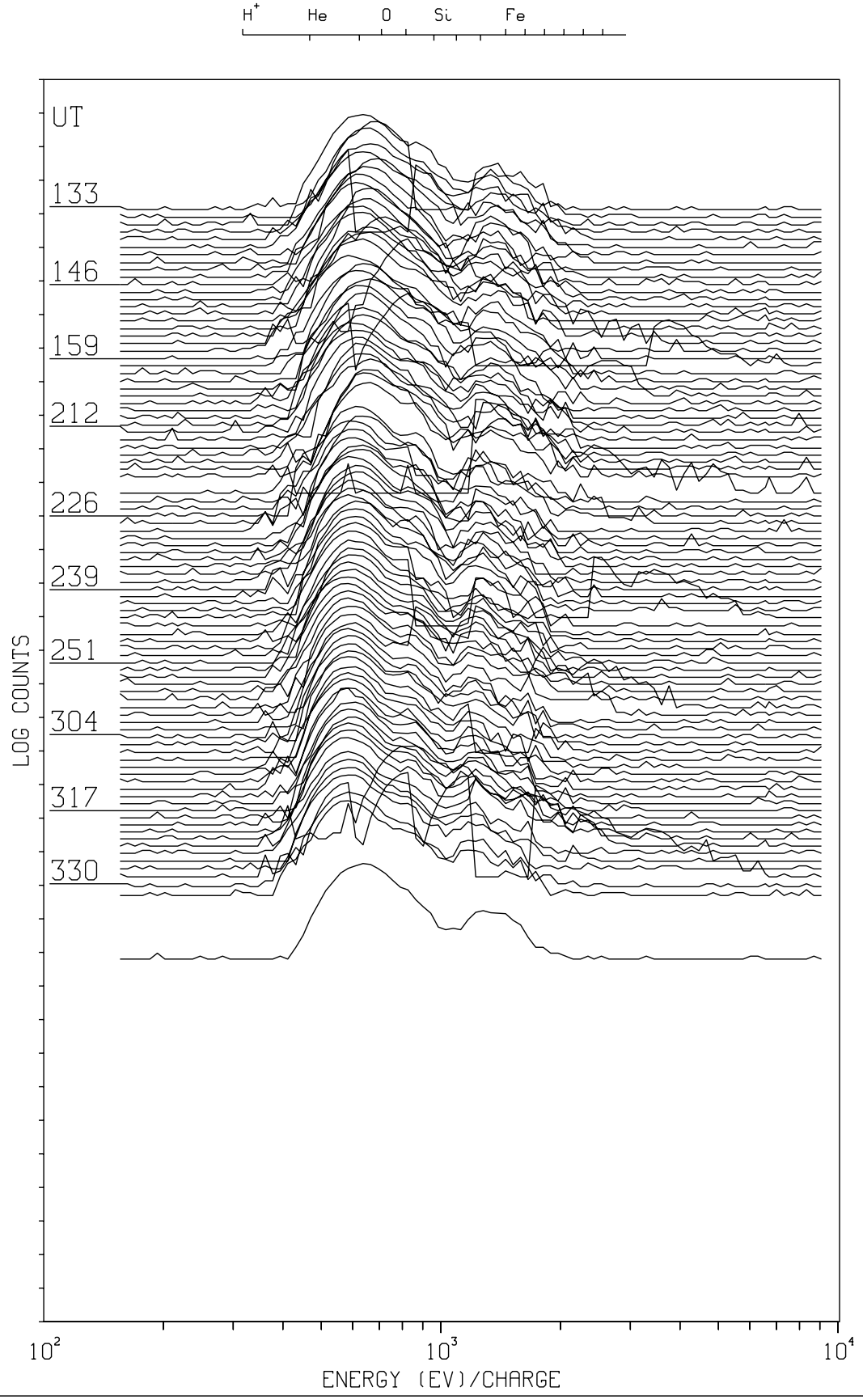
(END) RADIUS (RE) 0.88 MS-LAT/LONG 28.44 -94.50 SE-LAT/LONG 17.44 -94.15



IMP-8 970818 FILE 2 REC 54

(START) RADIUS (RE) 0.88 MS-LAT/LONG 28.44 -94.50 SE-LAT/LONG 17.44 -94.15

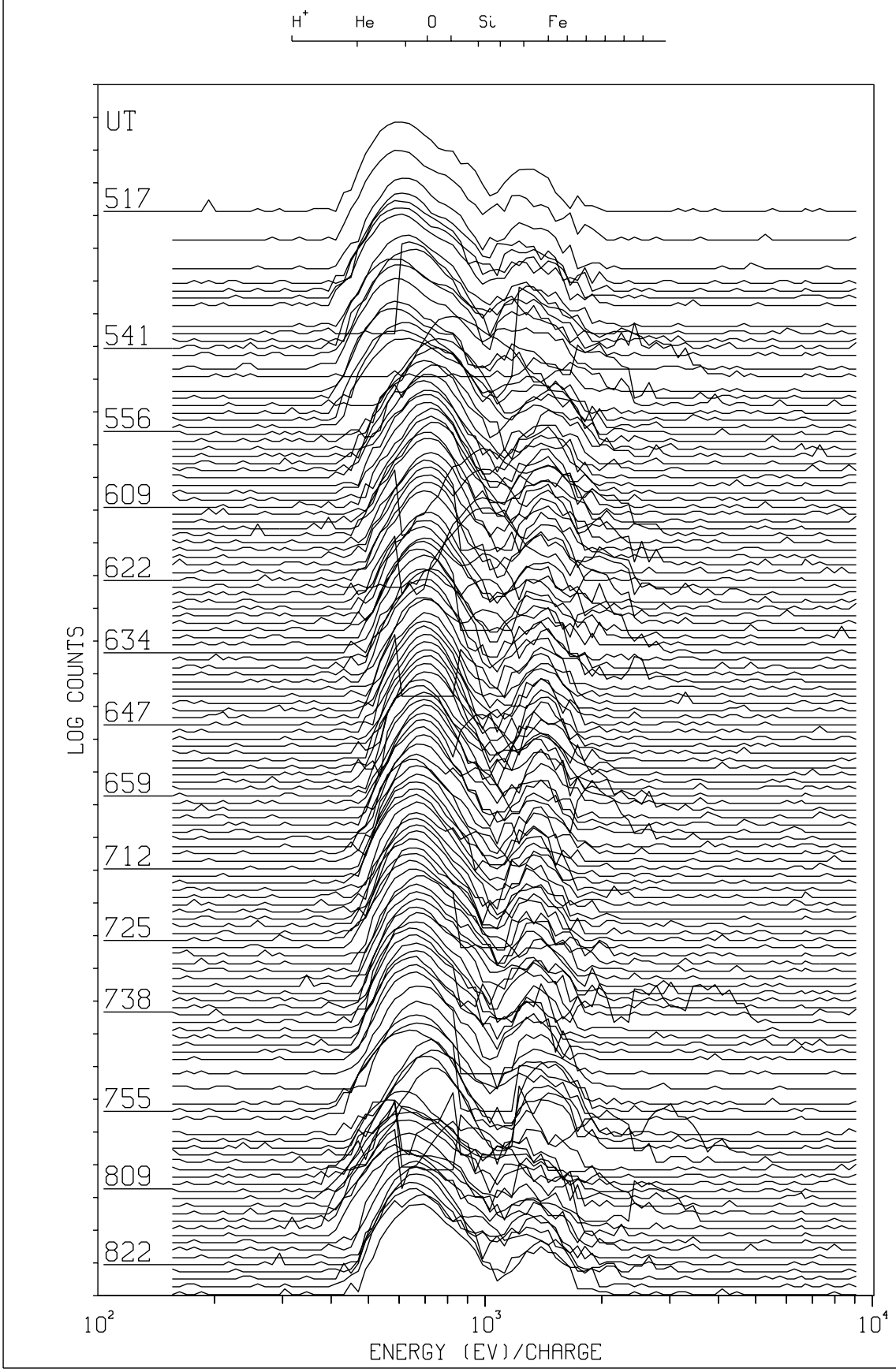
(END) RADIUS (RE) 0.88 MS-LAT/LONG 36.57 -90.98 SE-LAT/LONG 15.06 -90.81

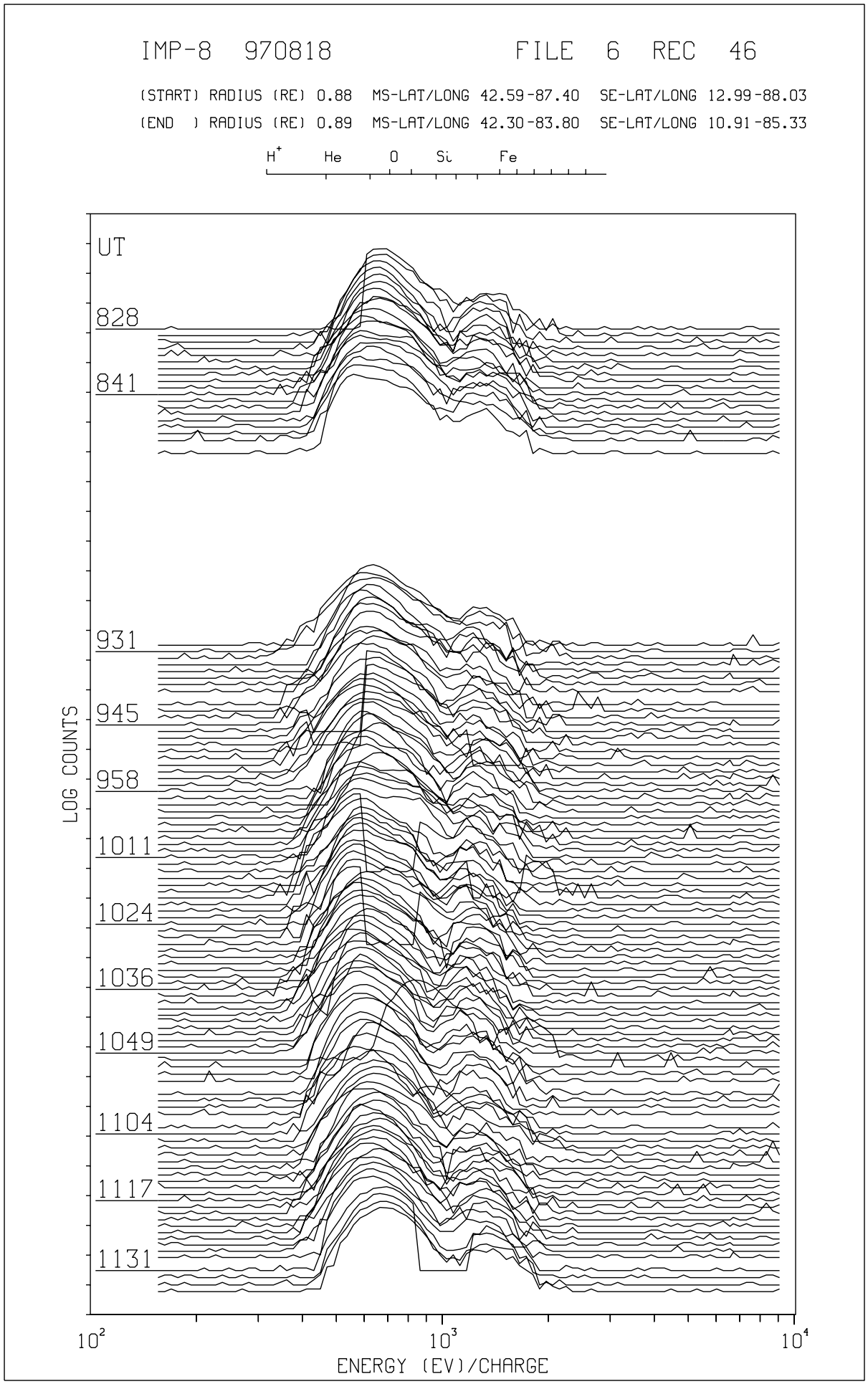


IMP-8 970818 FILE 4 REC 81

(START) RADIUS (RE) 0.88 MS-LAT/LONG 36.57 -90.98 SE-LAT/LONG 15.06 -90.81

(END) RADIUS (RE) 0.88 MS-LAT/LONG 42.59 -87.40 SE-LAT/LONG 12.99 -88.03

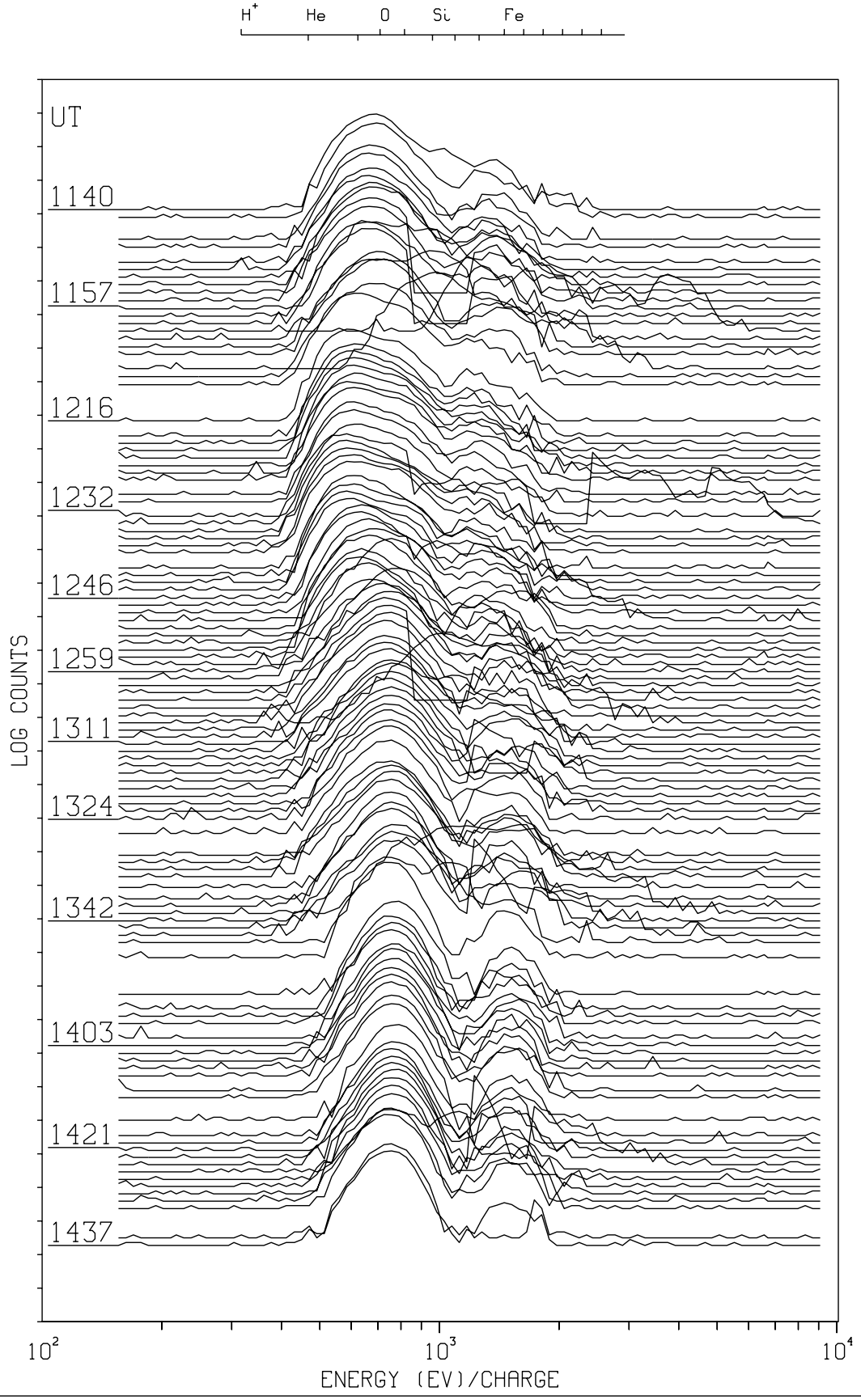



IMP-8 970818 FILE 6 REC 46
(START) RADIUS (RE) 0.88 MS-LAT/LONG 42.59 -87.40 SE-LAT/LONG 12.99 -88.03
(END) RADIUS (RE) 0.89 MS-LAT/LONG 42.30 -83.80 SE-LAT/LONG 10.91 -85.33
H+ He O Si Fe
UT
828
841
931
945
958
1011
1024
1036
1049
1104
1117
1131
LOG COUNTS
10^2
10^3
10^4
ENERGY (EV)/CHARGE

IMP-8 970818 FILE 8 REC 8

(START) RADIUS (RE) 0.89 MS-LAT/LONG 42.30 -83.80 SE-LAT/LONG 10.91 -85.33

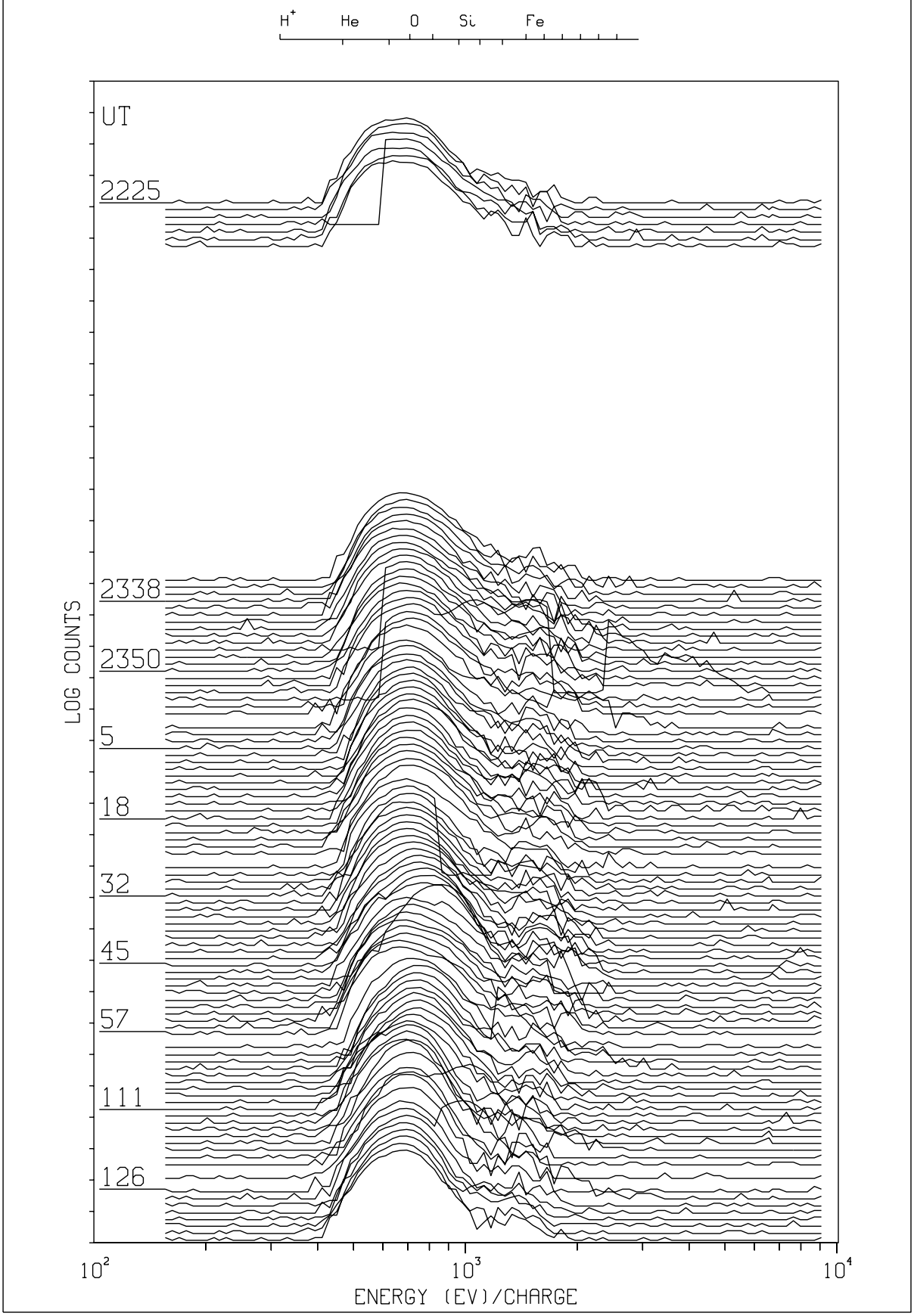
(END) RADIUS (RE) 0.89 MS-LAT/LONG 11.29 -76.34 SE-LAT/LONG 3.83 -76.58



IMP-8 970818 FILE 10 REC 1

(START) RADIUS (RE) 0.89 MS-LAT/LONG 11.29-76.34 SE-LAT/LONG 3.83-76.58

(END) RADIUS (RE) 0.89 MS-LAT/LONG 12.63-73.66 SE-LAT/LONG 1.73-74.05

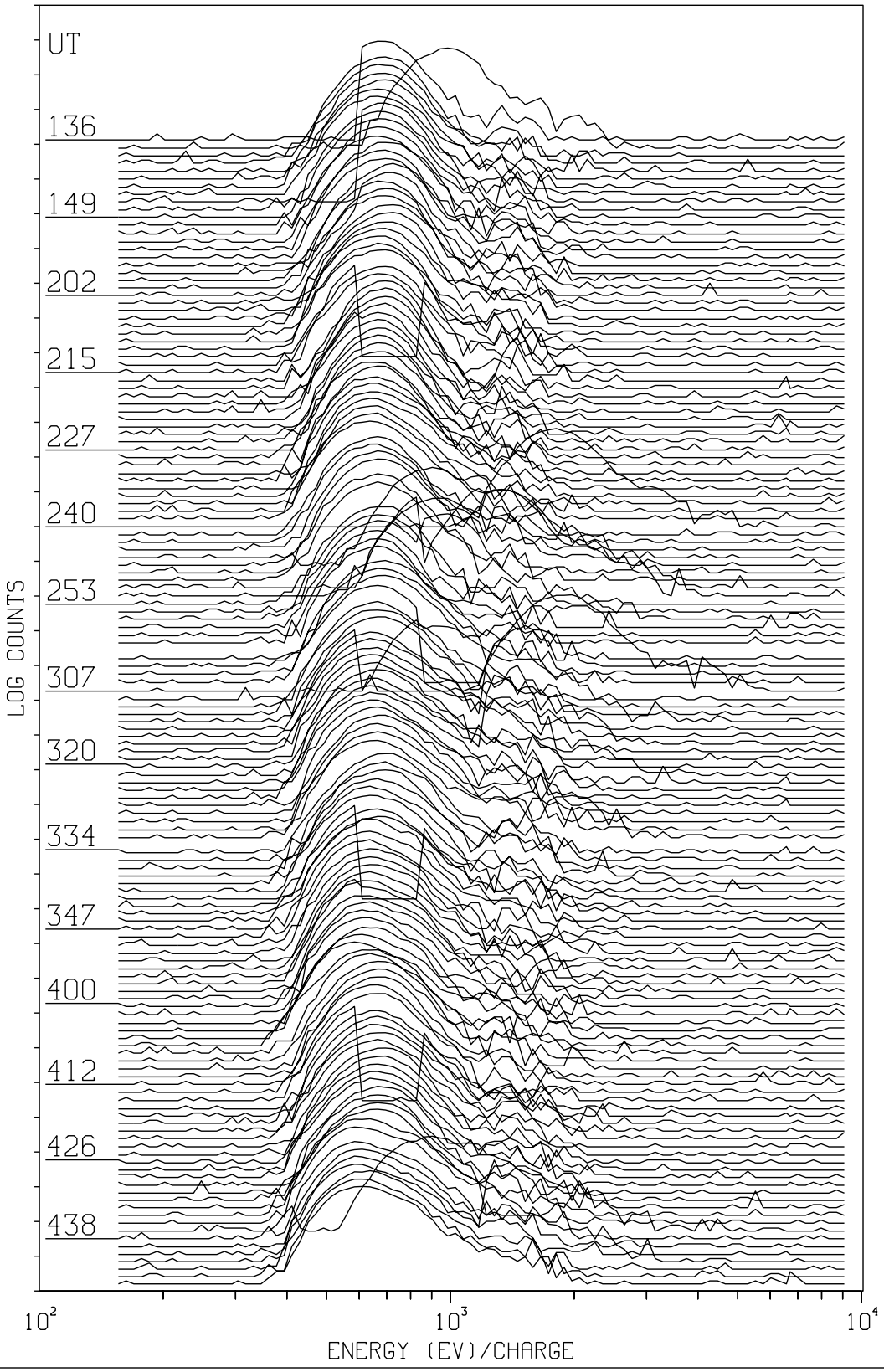


IMP-8 970819 FILE 12 REC 3

(START) RADIUS (RE) 0.89 MS-LAT/LONG 12.63 -73.66 SE-LAT/LONG 1.73 -74.05

(END) RADIUS (RE) 0.89 MS-LAT/LONG 18.77 -70.47 SE-LAT/LONG -0.37 -71.55

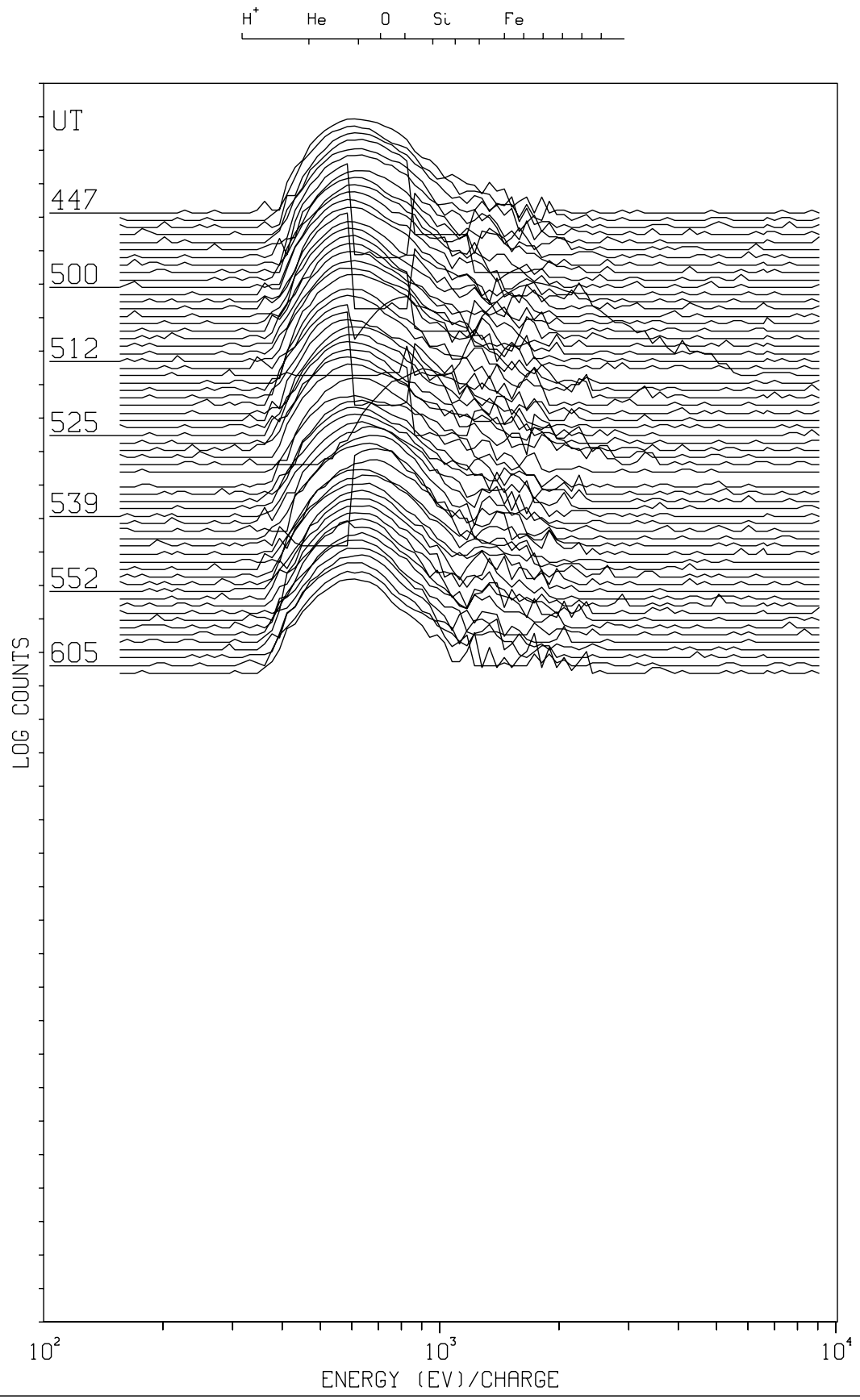
H^+ He O Si Fe



IMP-8 970819 FILE 13 REC 55

(START) RADIUS (RE) 0.89 MS-LAT/LONG 18.77 -70.47 SE-LAT/LONG -0.37 -71.55

(END) RADIUS (RE) 0.89 MS-LAT/LONG 25.17 -64.60 SE-LAT/LONG -4.08 -67.09

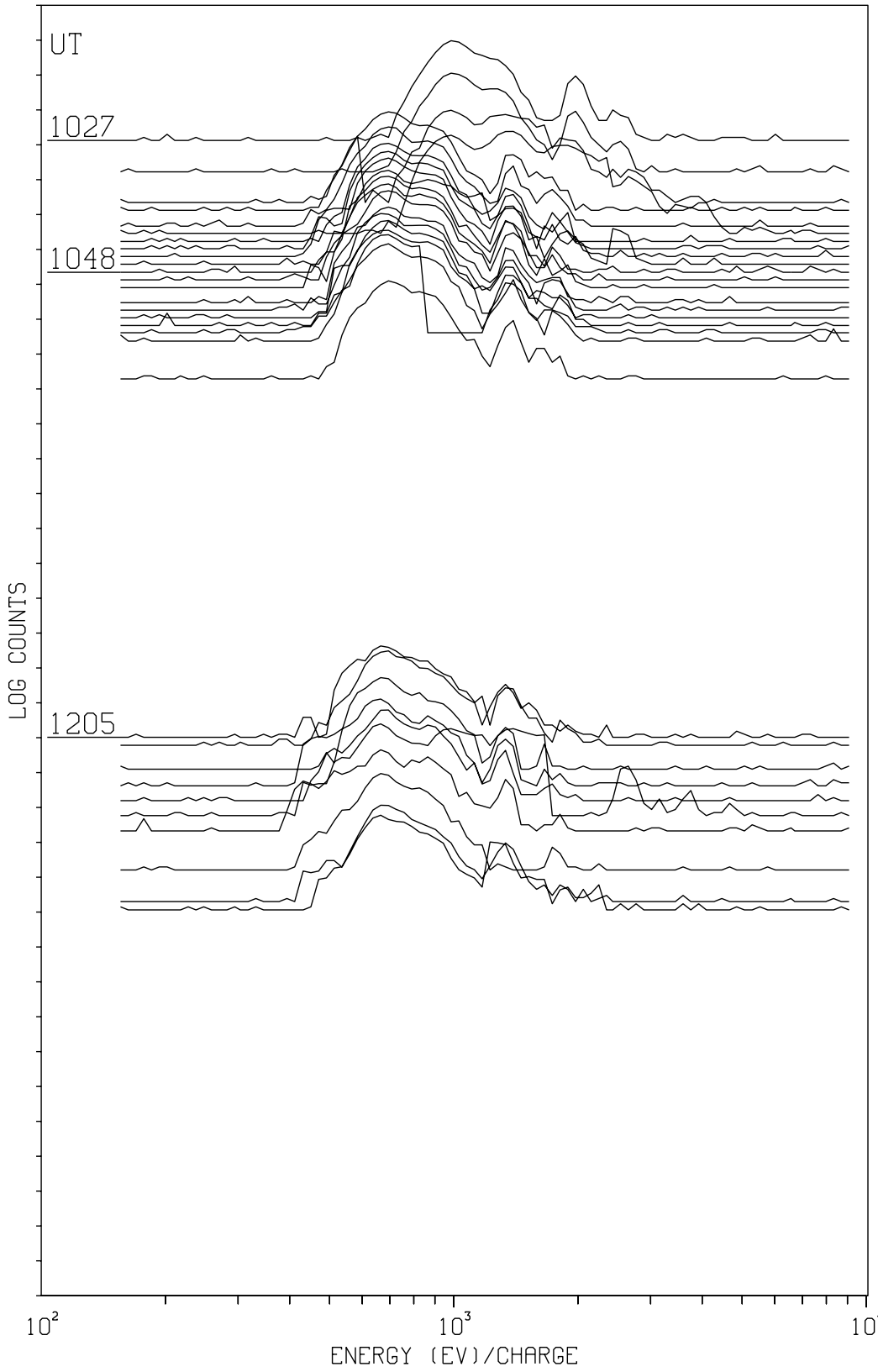


IMP-8 970819 FILE 17 REC 16

(START) RADIUS (RE) 0.89 MS-LAT/LONG 25.17-64.60 SE-LAT/LONG-4.08-67.09

(END) RADIUS (RE) 0.89 MS-LAT/LONG 13.11-62.41 SE-LAT/LONG-7.48-62.94

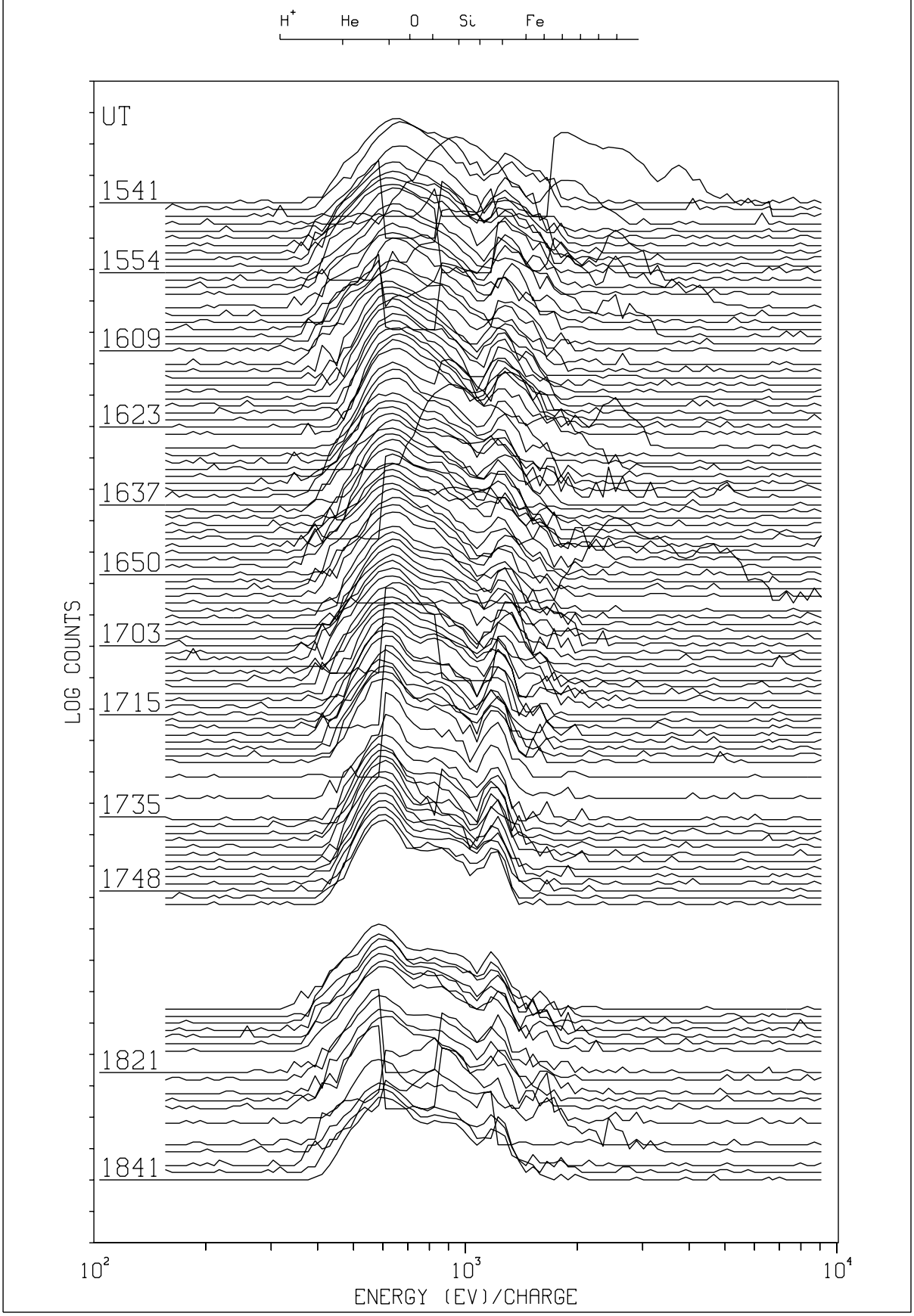
H^+ He O Si Fe

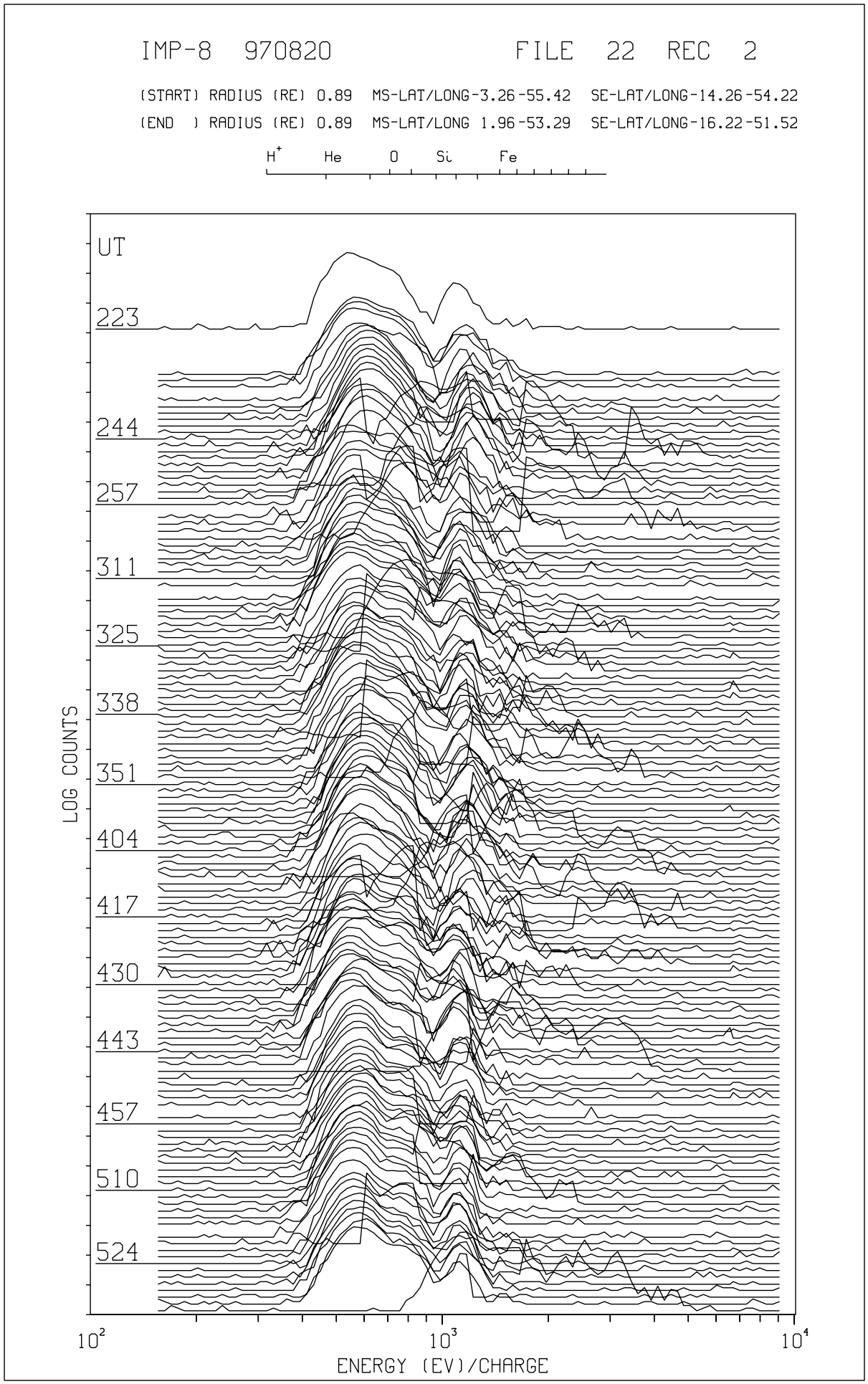


IMP-8 970819 FILE 19 REC 1

(START) RADIUS (RE) 0.89 MS-LAT/LONG 13.11 -62.41 SE-LAT/LONG -7.48 -62.94

(END) RADIUS (RE) 0.89 MS-LAT/LONG -3.26 -55.42 SE-LAT/LONG -14.26 -54.22

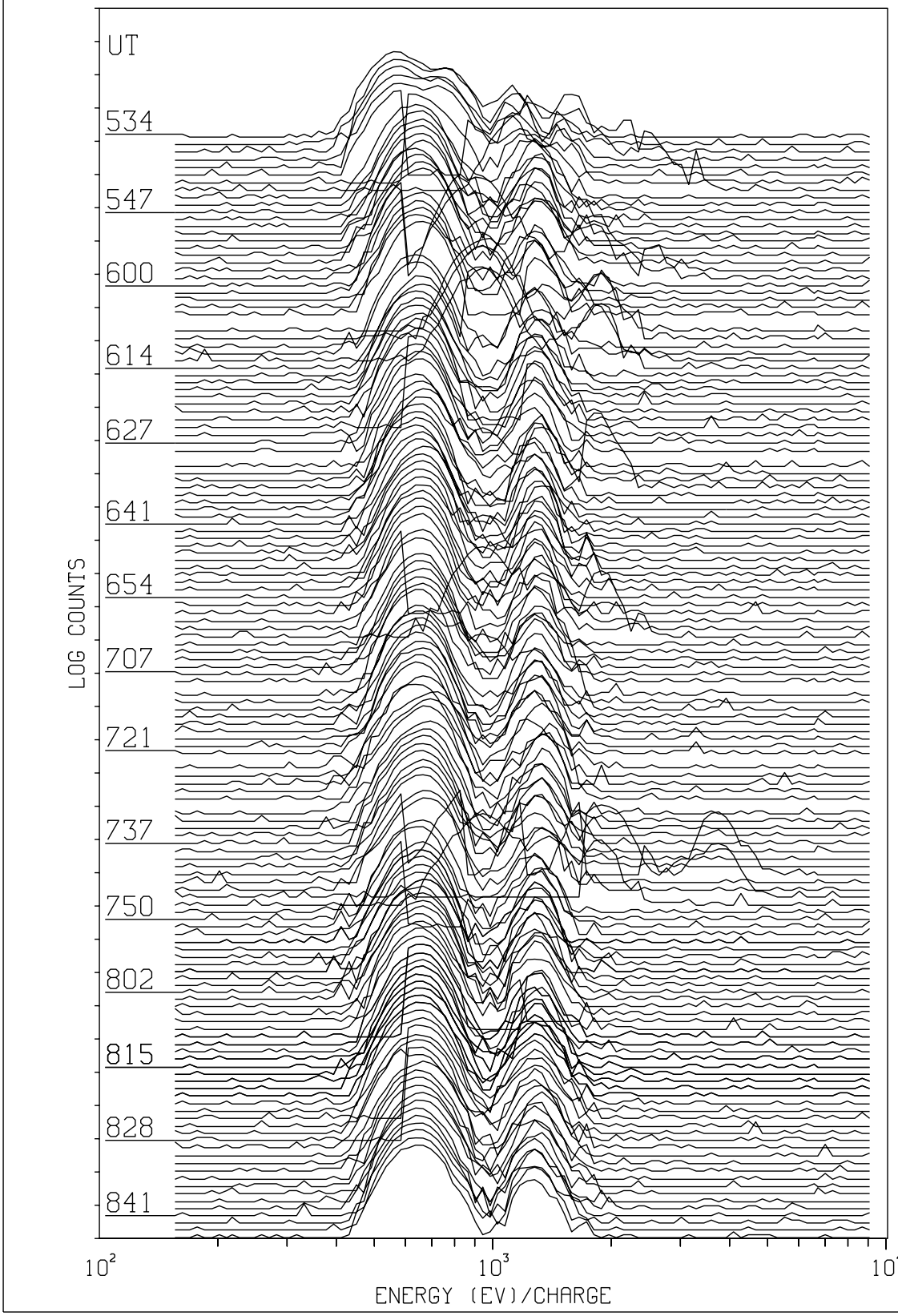



IMP-8 970820 FILE 22 REC 2
(START) RADIUS (RE) 0.89 MS-LAT/LONG-3.26-55.42 SE-LAT/LONG-14.26-54.22
(END) RADIUS (RE) 0.89 MS-LAT/LONG 1.96-53.29 SE-LAT/LONG-16.22-51.52
H+ He O Si Fe
UT
223
244
257
311
325
338
351
404
417
430
443
457
510
524
LOG COUNTS
10^2
10^3
10^4
ENERGY (EV)/CHARGE

IMP-8 970820 FILE 23 REC 54

(START) RADIUS (RE) 0.89 MS-LAT/LONG 1.96 -53.29 SE-LAT/LONG -16.22 -51.52

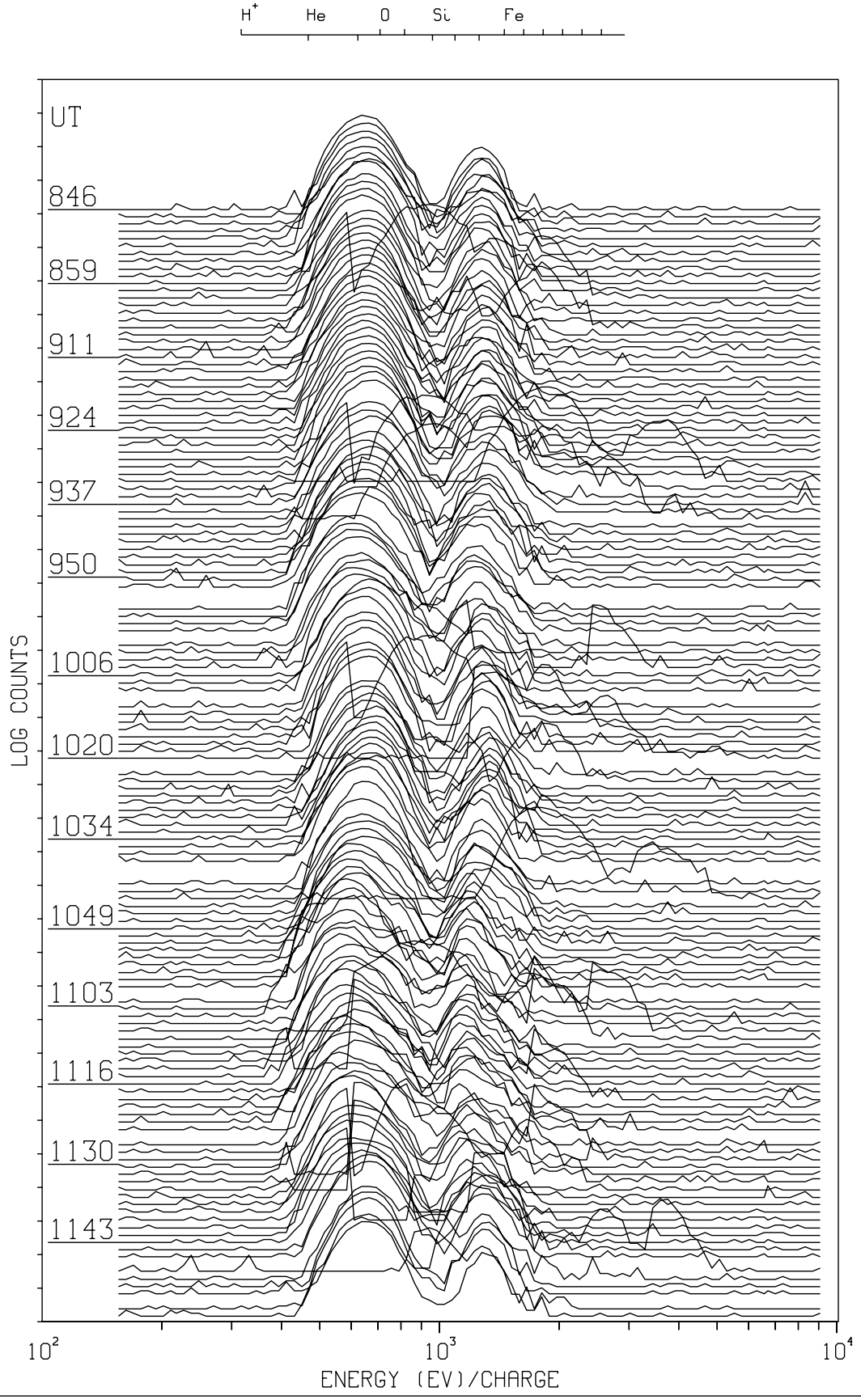
(END) RADIUS (RE) 0.89 MS-LAT/LONG 5.41 -51.00 SE-LAT/LONG -18.16 -48.75



IMP-8 970820 FILE 25 REC 39

(START) RADIUS (RE) 0.89 MS-LAT/LONG 5.41 -51.00 SE-LAT/LONG -18.16 -48.75

(END) RADIUS (RE) 0.89 MS-LAT/LONG 3.58 -49.09 SE-LAT/LONG -20.04 -45.91

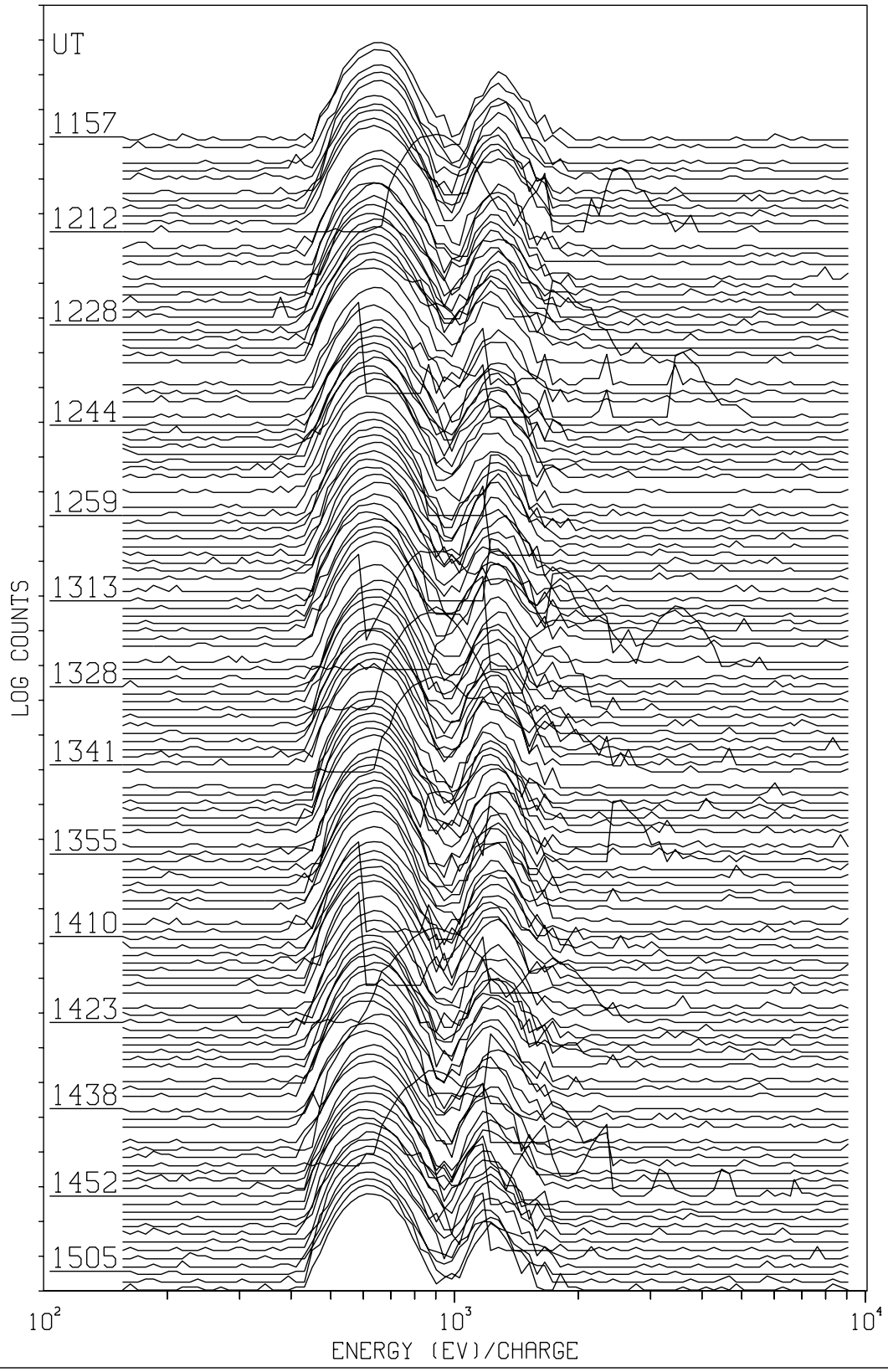


IMP-8 970820 FILE 27 REC 3

(START) RADIUS (RE) 0.89 MS-LAT/LONG 3.58 -49.09 SE-LAT/LONG -20.04 -45.91

(END) RADIUS (RE) 0.89 MS-LAT/LONG -4.05 -47.11 SE-LAT/LONG -21.89 -42.98

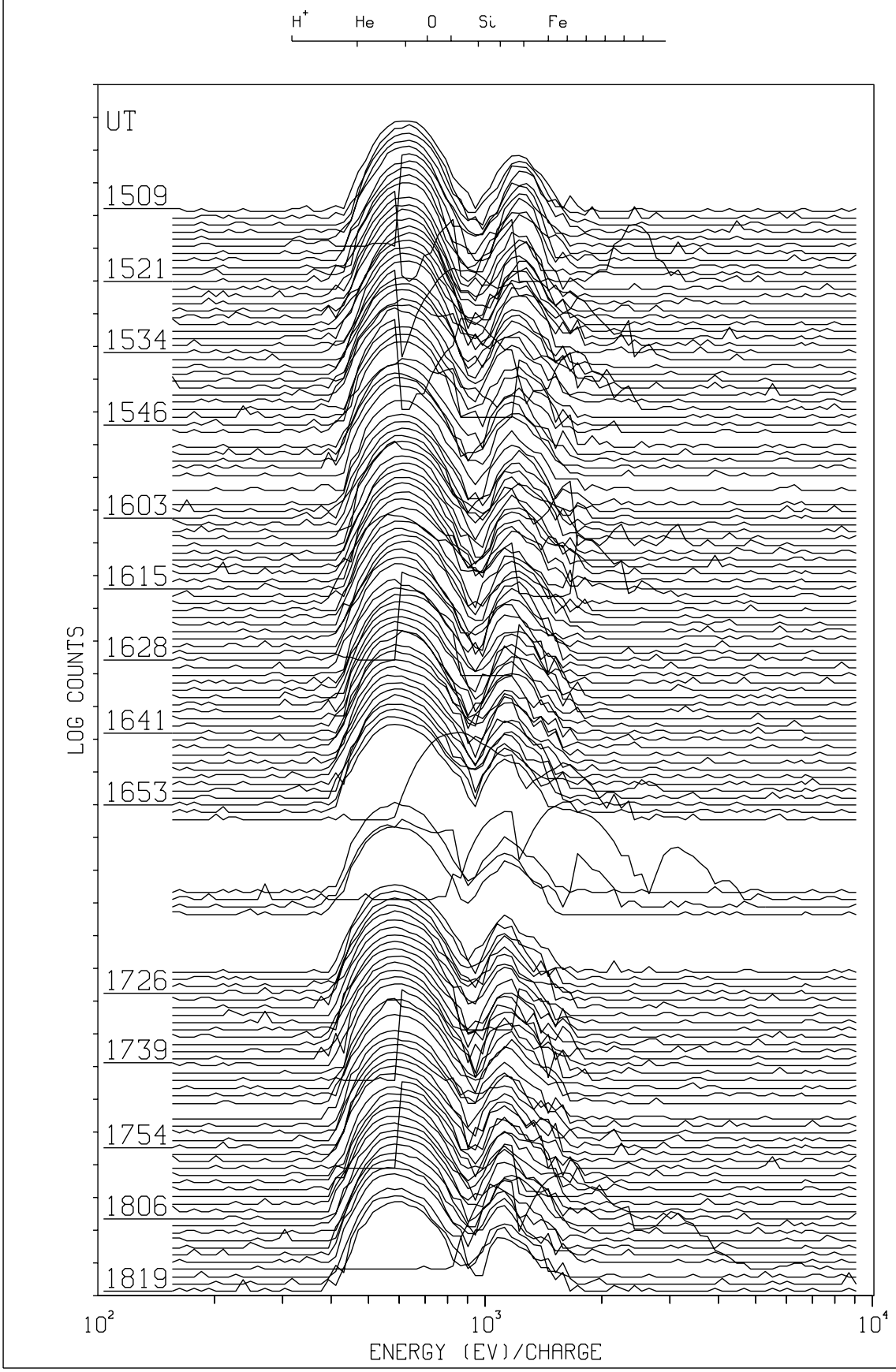
H^+ He O Si Fe



IMP-8 970820 FILE 28 REC 56

(START) RADIUS (RE) 0.89 MS-LAT/LONG-4.05-47.11 SE-LAT/LONG-21.89-42.98

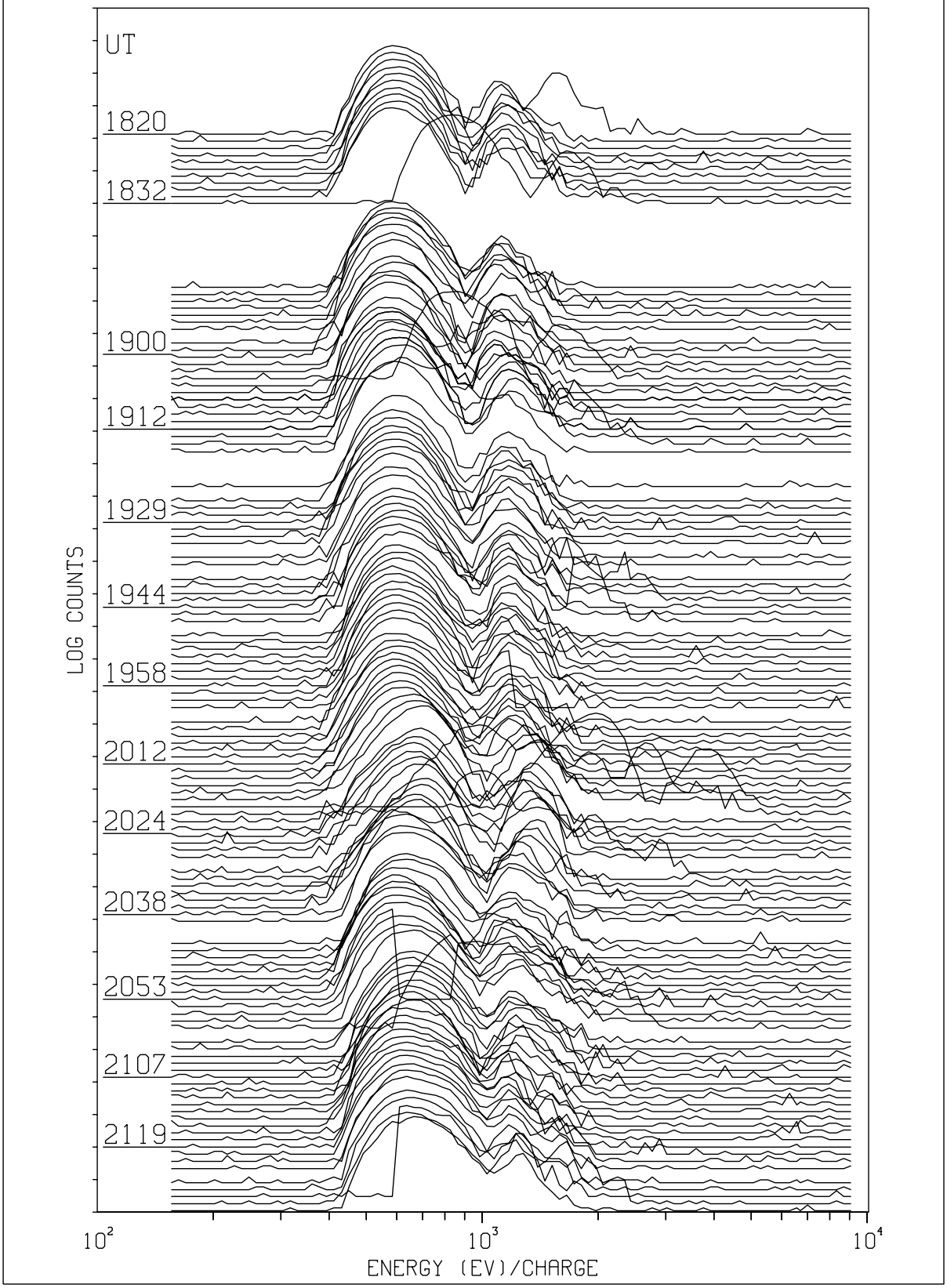
(END) RADIUS (RE) 0.89 MS-LAT/LONG-13.85-43.70 SE-LAT/LONG-23.69-39.96



IMP-8 970820 FILE 30 REC 20

(START) RADIUS (RE) 0.89 MS-LAT/LONG-13.85-43.70 SE-LAT/LONG-23.69-39.96

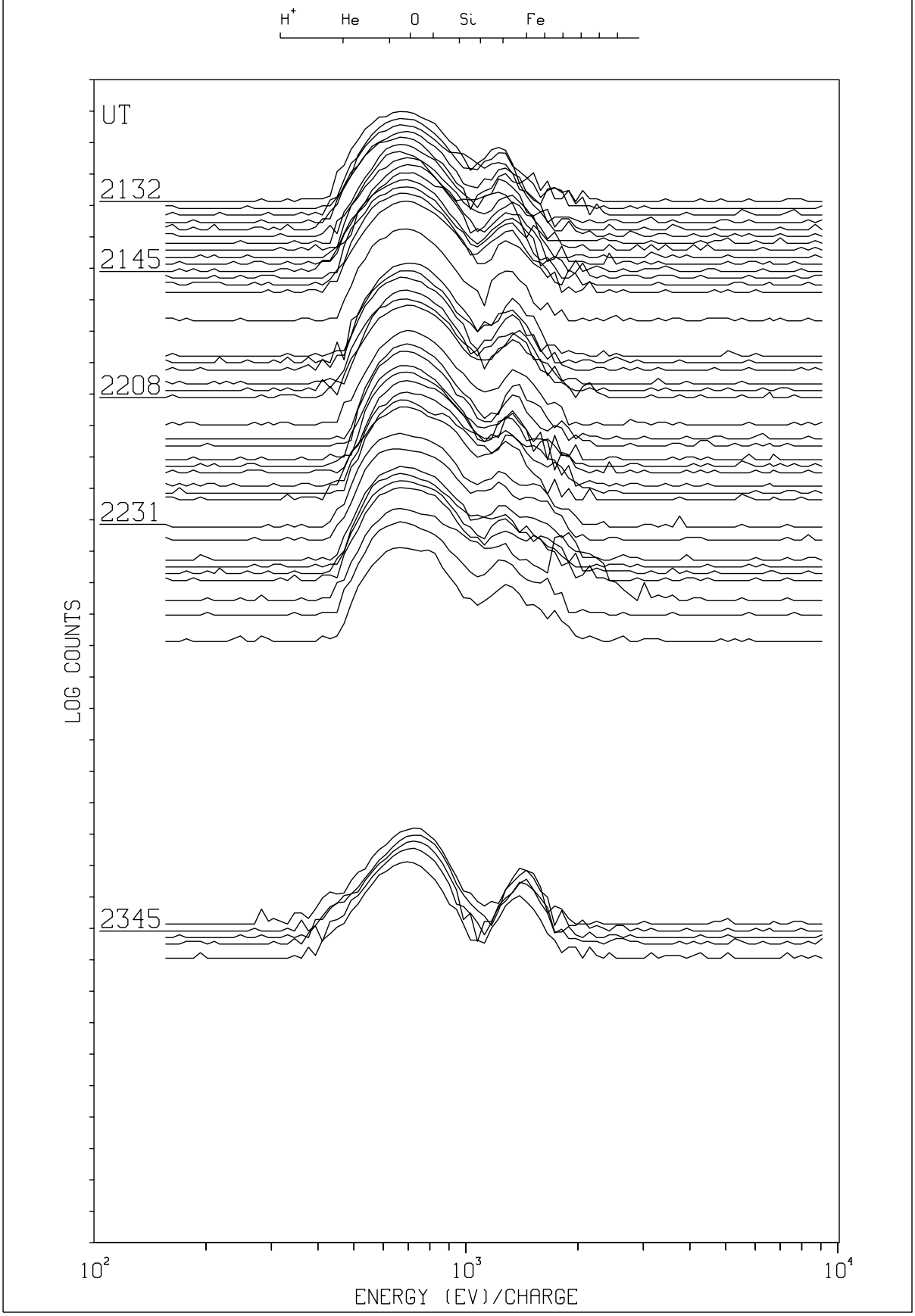
(END) RADIUS (RE) 0.89 MS-LAT/LONG-20.19-39.63 SE-LAT/LONG-25.43-36.83



IMP-8 970820 FILE 32 REC 24

(START) RADIUS (RE) 0.89 MS-LAT/LONG-20.19-39.63 SE-LAT/LONG-25.43-36.83

(END) RADIUS (RE) 0.89 MS-LAT/LONG-21.06-37.13 SE-LAT/LONG-27.34-33.12

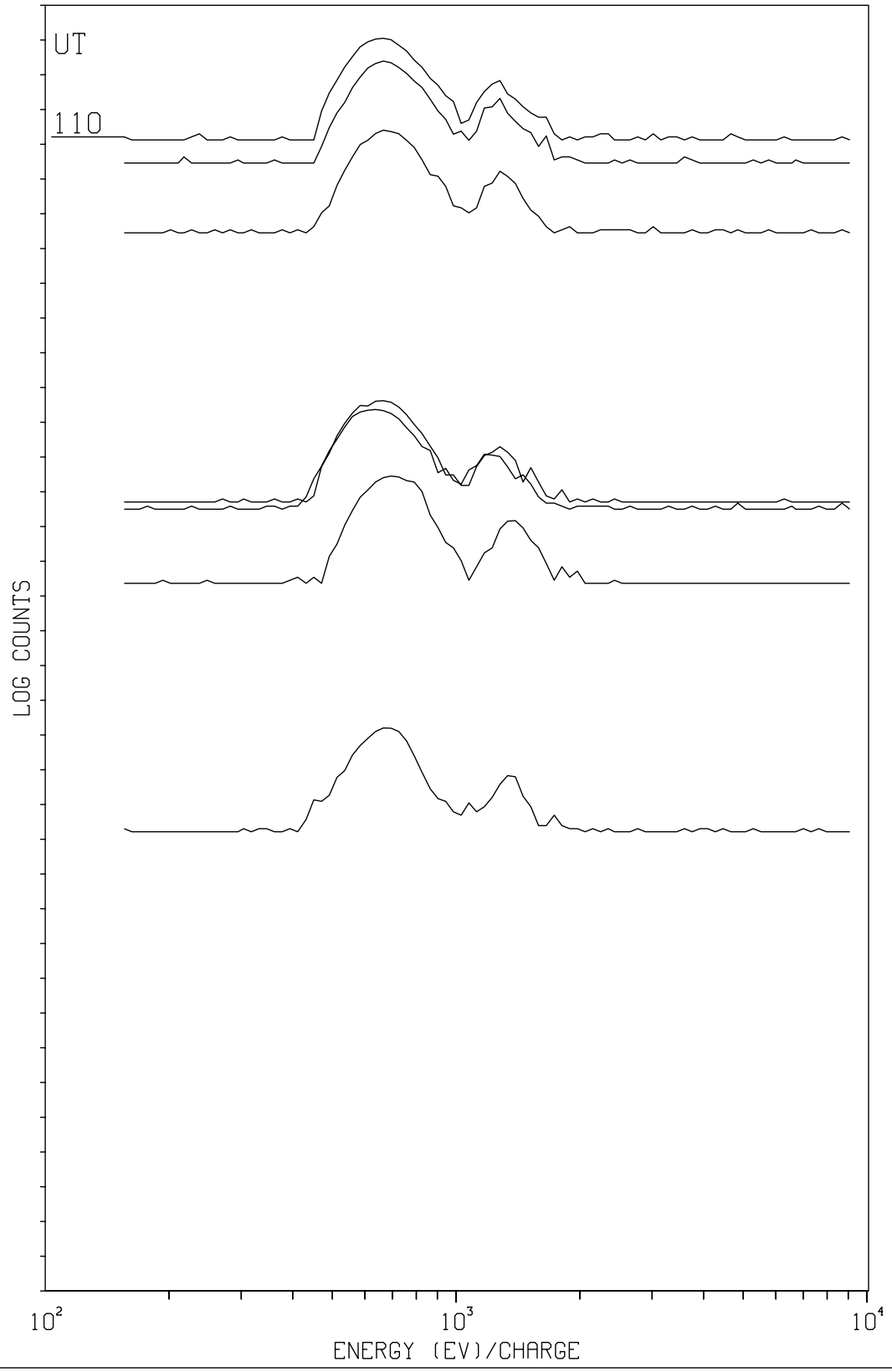


IMP-8 970821 FILE 35 REC 8

(START) RADIUS (RE) 0.89 MS-LAT/LONG-21.06-37.13 SE-LAT/LONG-27.34-33.12

(END) RADIUS (RE) 0.88 MS-LAT/LONG-17.14-36.88 SE-LAT/LONG-29.40-28.67

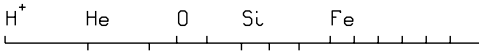
H^+ He O Si Fe

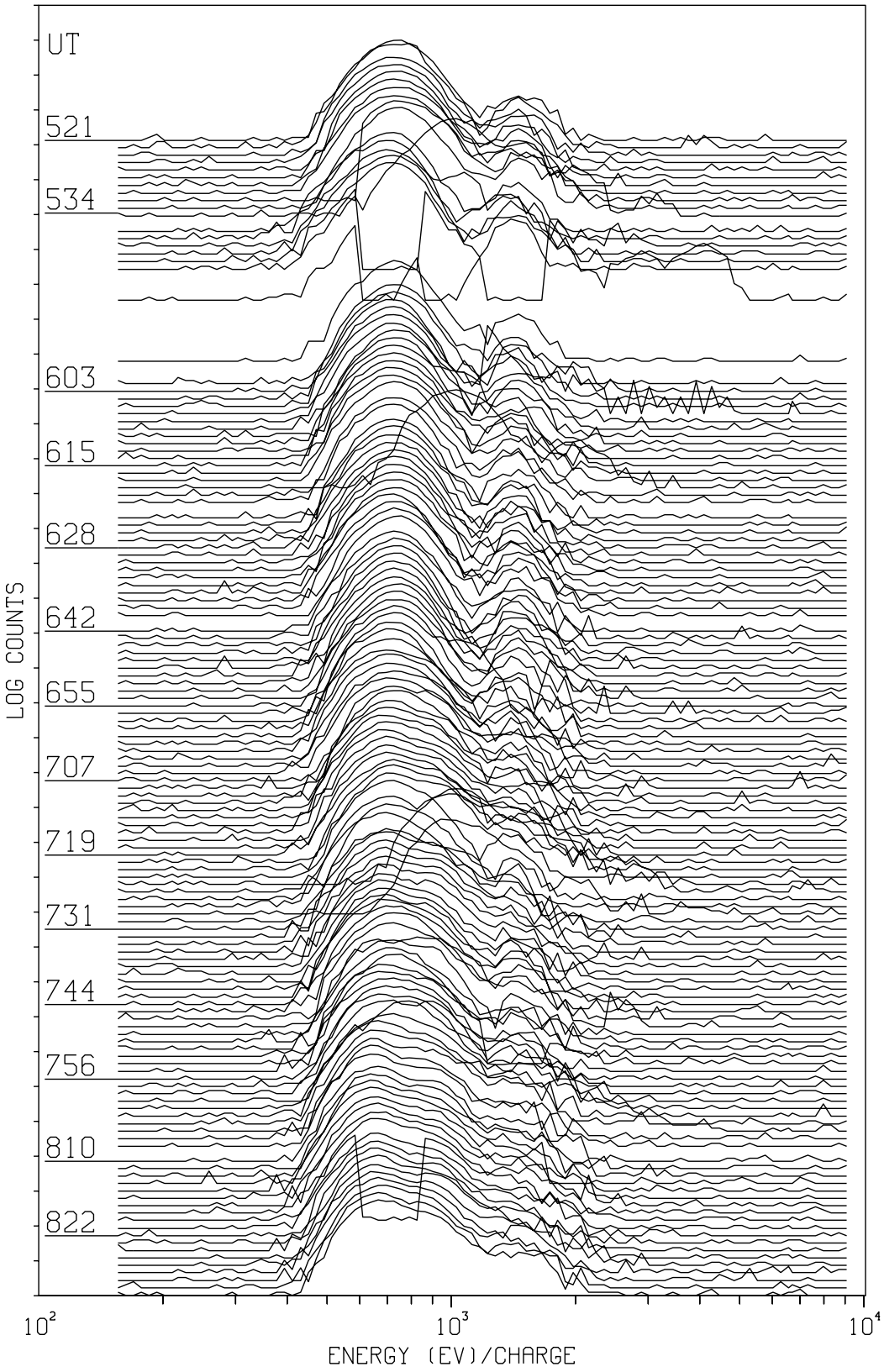


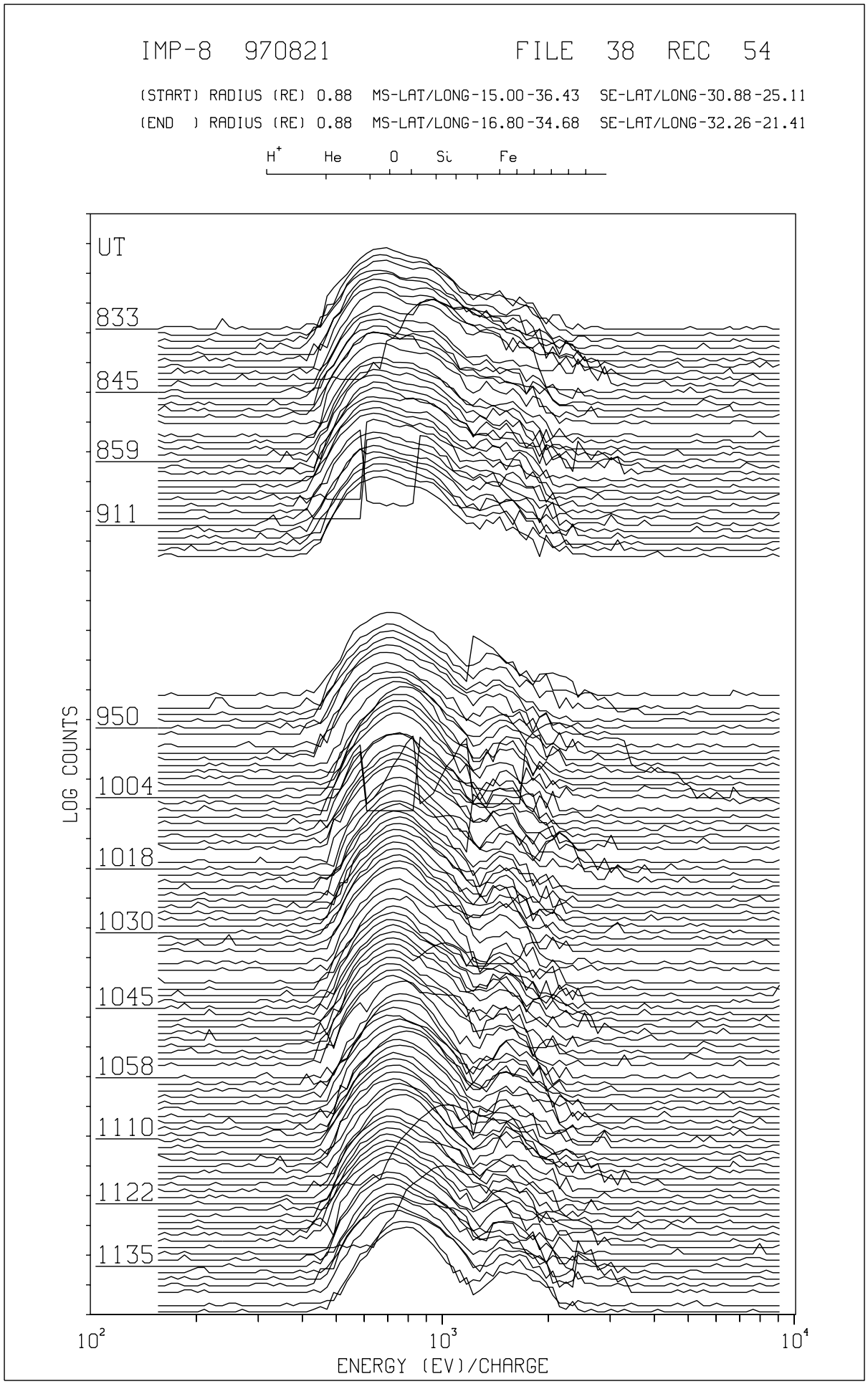
IMP-8 970821 FILE 37 REC 1

(START) RADIUS (RE) 0.88 MS-LAT/LONG-17.14-36.88 SE-LAT/LONG-29.40-28.67

(END) RADIUS (RE) 0.88 MS-LAT/LONG-15.00-36.43 SE-LAT/LONG-30.88-25.11



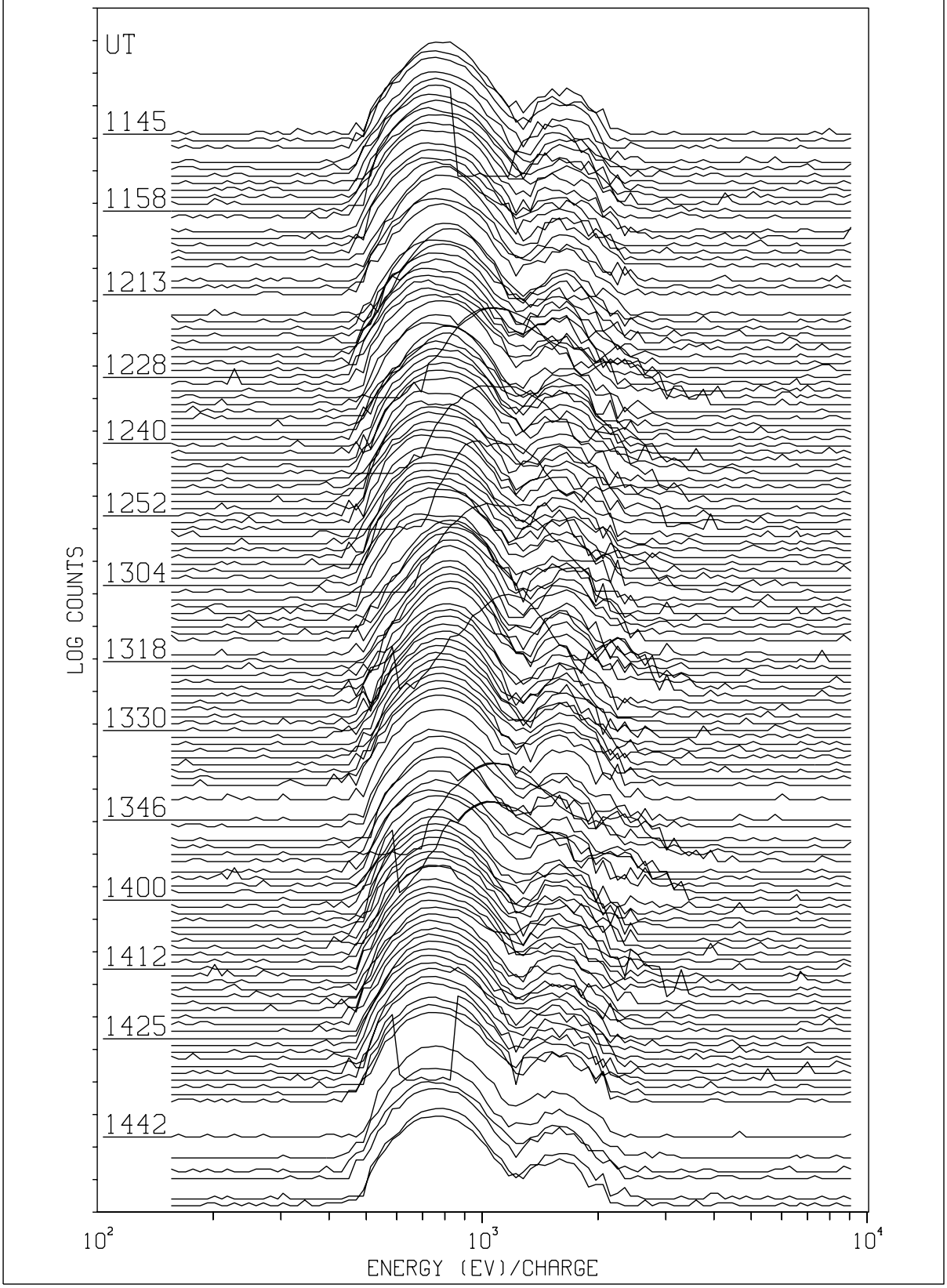



IMP-8 970821 FILE 38 REC 54
(START) RADIUS (RE) 0.88 MS-LAT/LONG-15.00-36.43 SE-LAT/LONG-30.88-25.11
(END) RADIUS (RE) 0.88 MS-LAT/LONG-16.80-34.68 SE-LAT/LONG-32.26-21.41
H+ He O Si Fe
UT
833
845
859
911
950
1004
1018
1030
1045
1058
1110
1122
1135
LOG COUNTS
10^2
10^3
10^4
ENERGY (EV)/CHARGE

IMP-8 970821 FILE 40 REC 3

(START) RADIUS (RE) 0.88 MS-LAT/LONG-16.80-34.68 SE-LAT/LONG-32.26-21.41

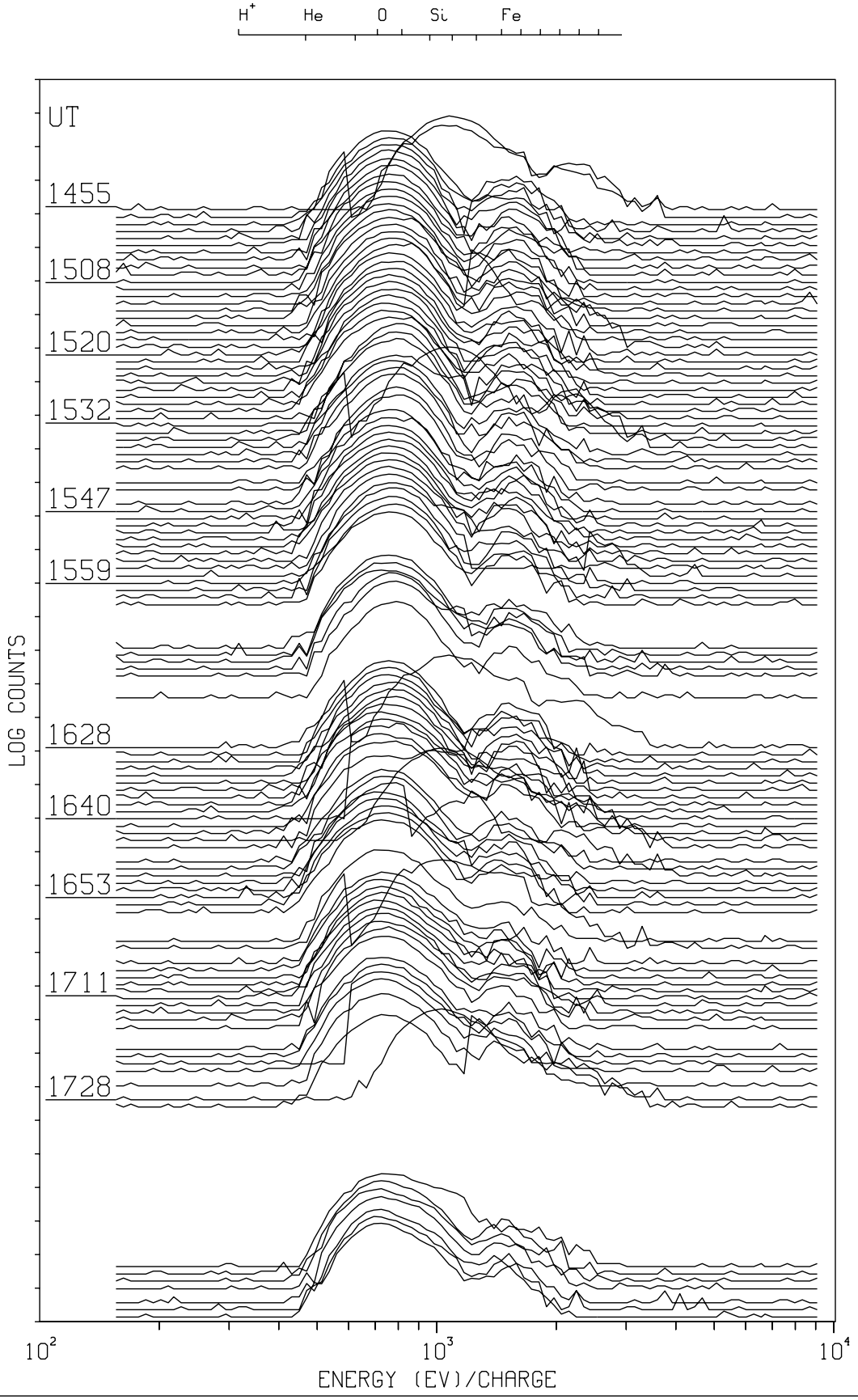
(END) RADIUS (RE) 0.88 MS-LAT/LONG-22.79-30.46 SE-LAT/LONG-33.53-17.58

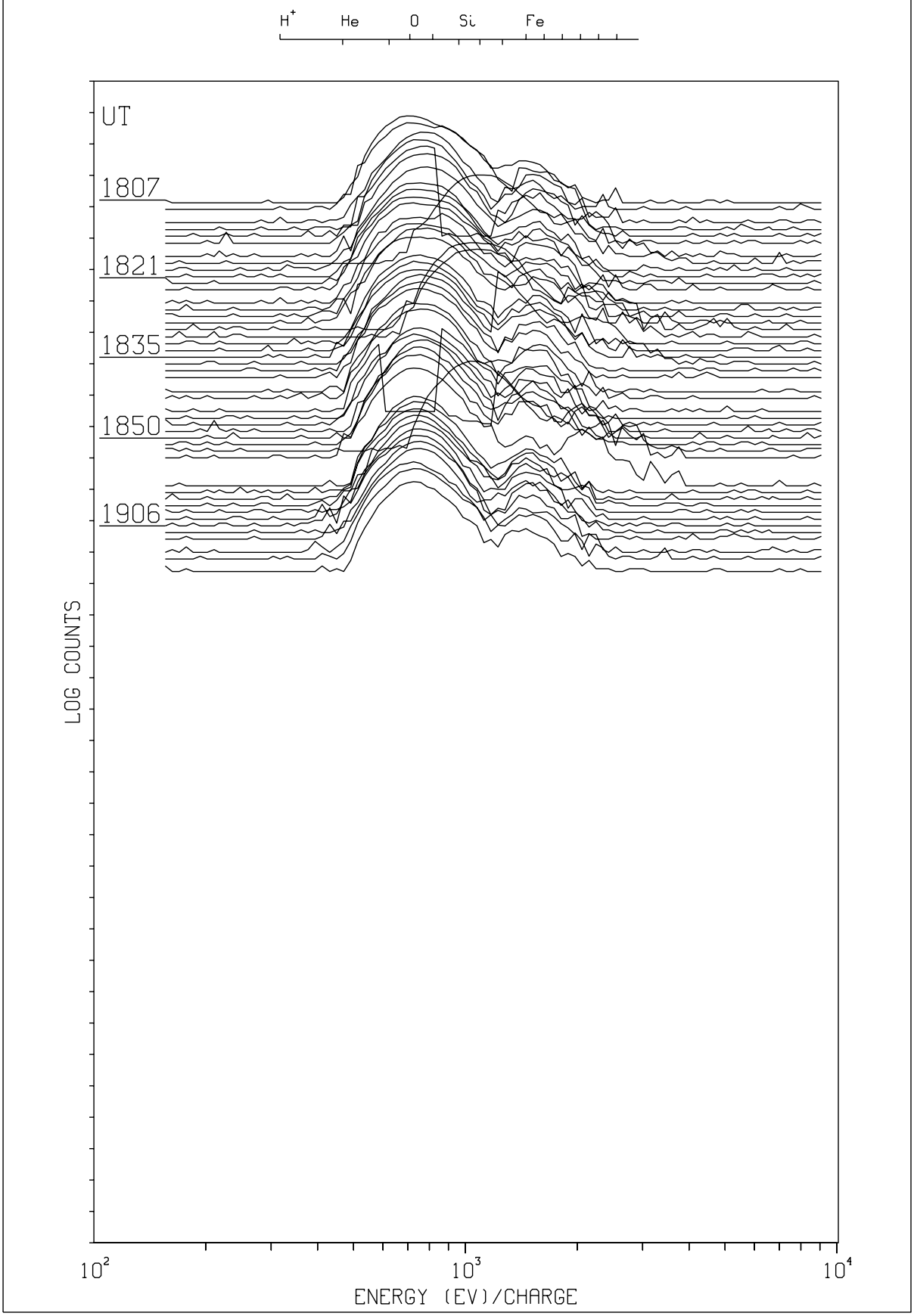


IMP-8 970821 FILE 41 REC 55

(START) RADIUS (RE) 0.88 MS-LAT/LONG-22.79-30.46 SE-LAT/LONG-33.53-17.58

(END) RADIUS (RE) 0.88 MS-LAT/LONG-29.74-22.98 SE-LAT/LONG-34.68-13.60



IMP-8 970821 FILE 43 REC 9

(START) RADIUS (RE) 0.88 MS-LAT/LONG-29.74-22.98 SE-LAT/LONG-34.68-13.60