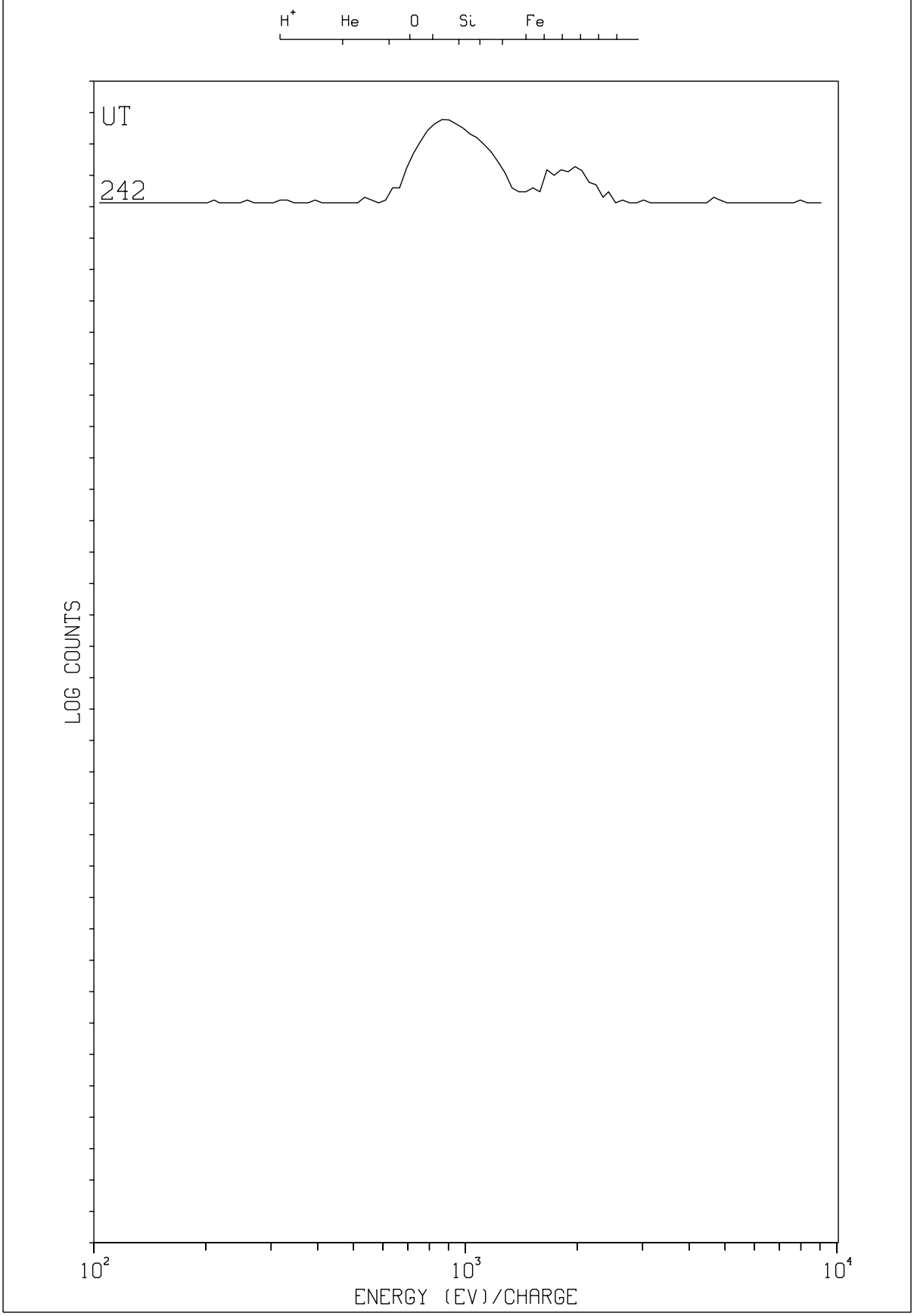
IMP-8 990319 FILE 1 REC 37

(START) RADIUS (RE) 0.87 MS-LAT/LONG 16.69 -55.88 SE-LAT/LONG 39.81 -45.63

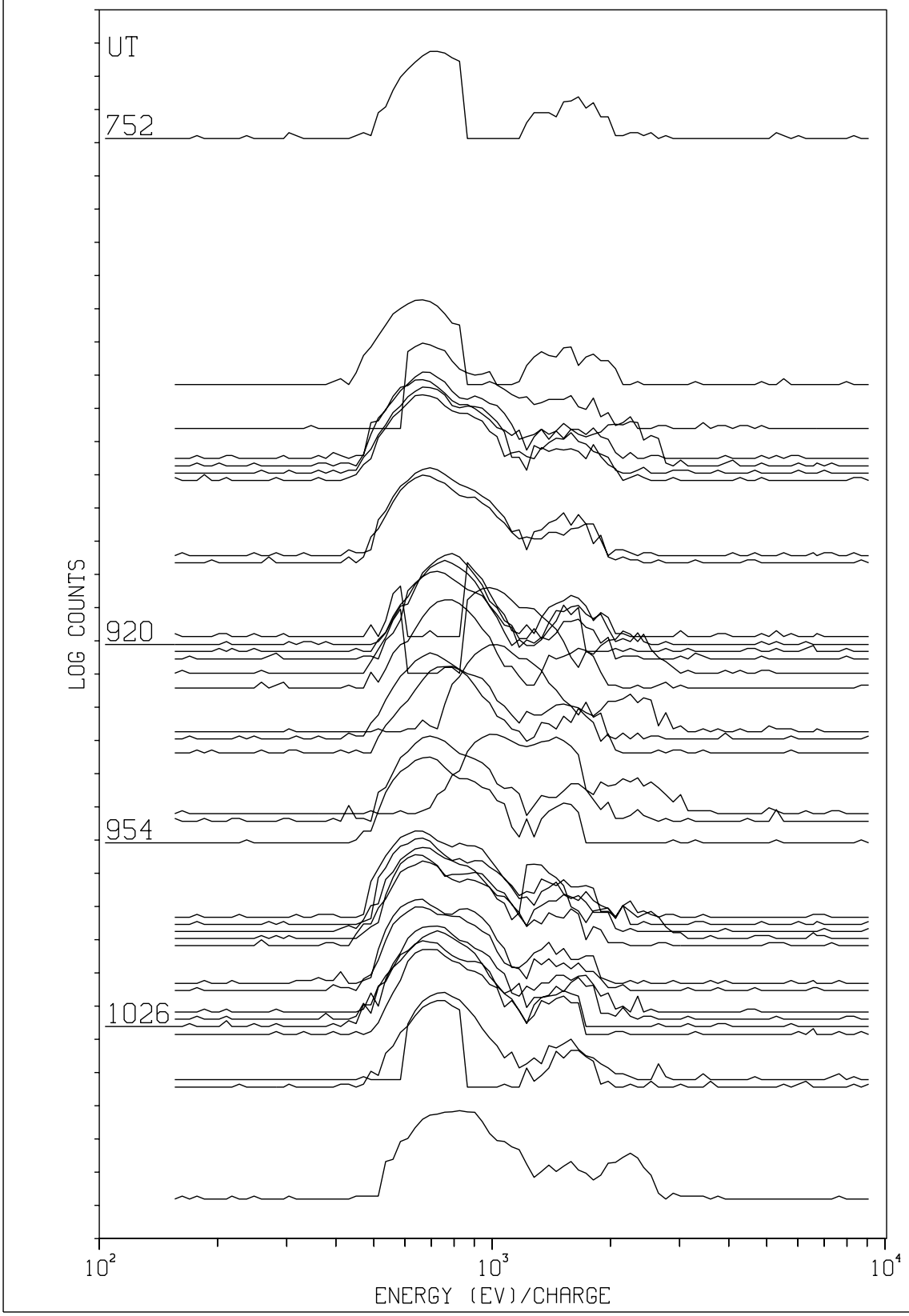
(END) RADIUS (RE) 0.87 MS-LAT/LONG 29.28 -42.35 SE-LAT/LONG 38.48 -34.56



IMP-8 990319 FILE 4 REC 8

(START) RADIUS (RE) 0.87 MS-LAT/LONG 29.28 -42.35 SE-LAT/LONG 38.48 -34.56

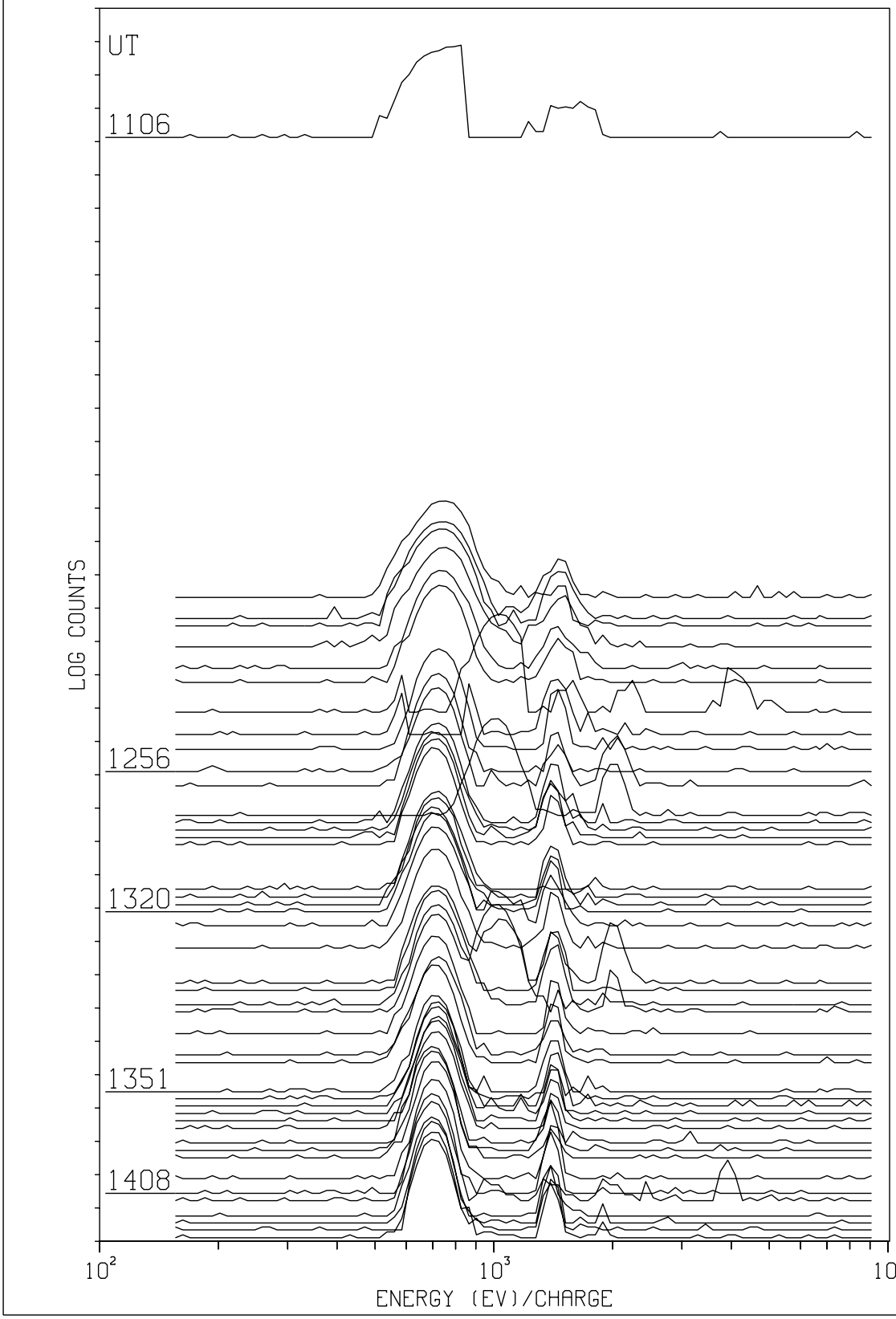
(END) RADIUS (RE) 0.87 MS-LAT/LONG 31.02 -34.72 SE-LAT/LONG 37.13 -27.94

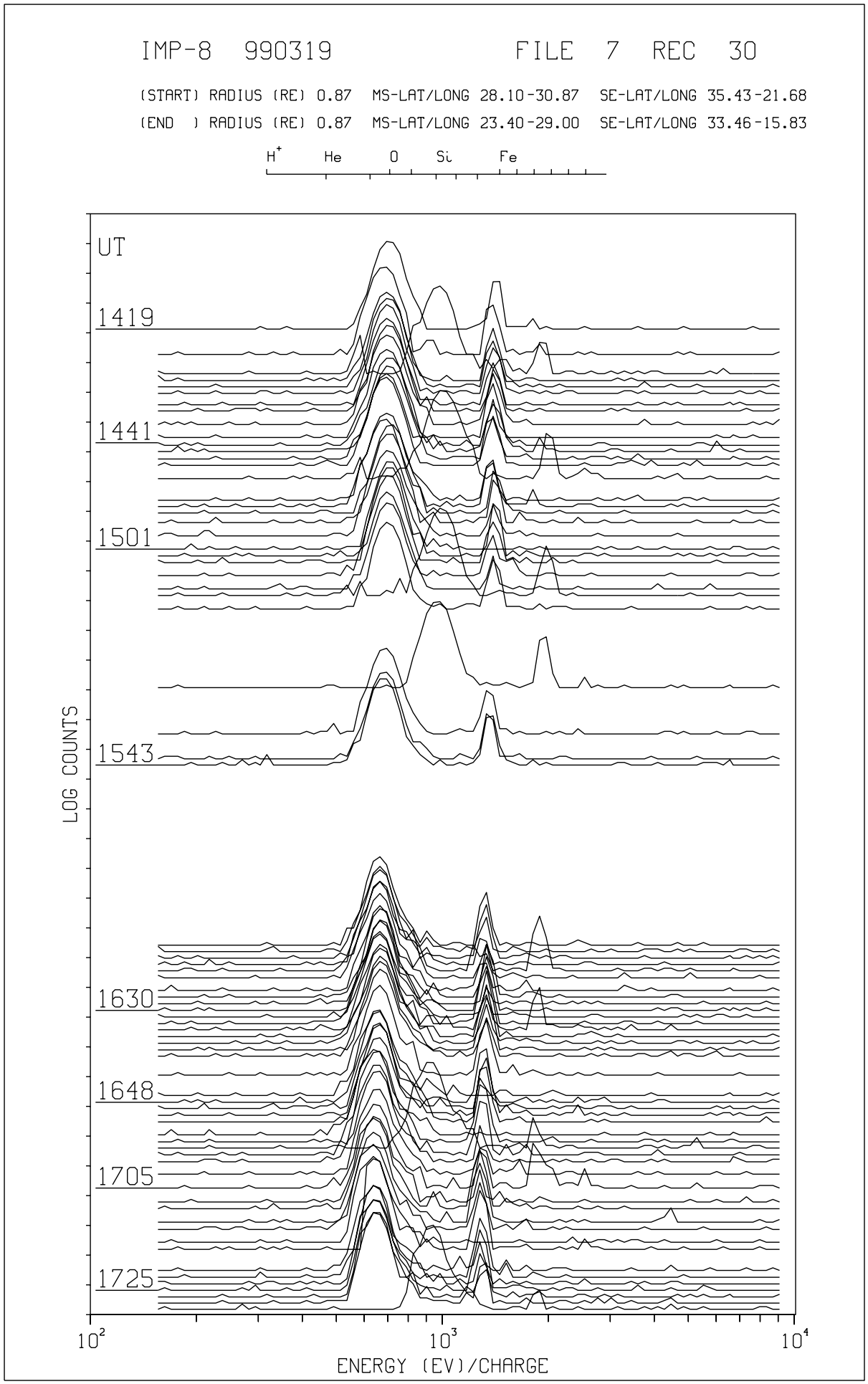


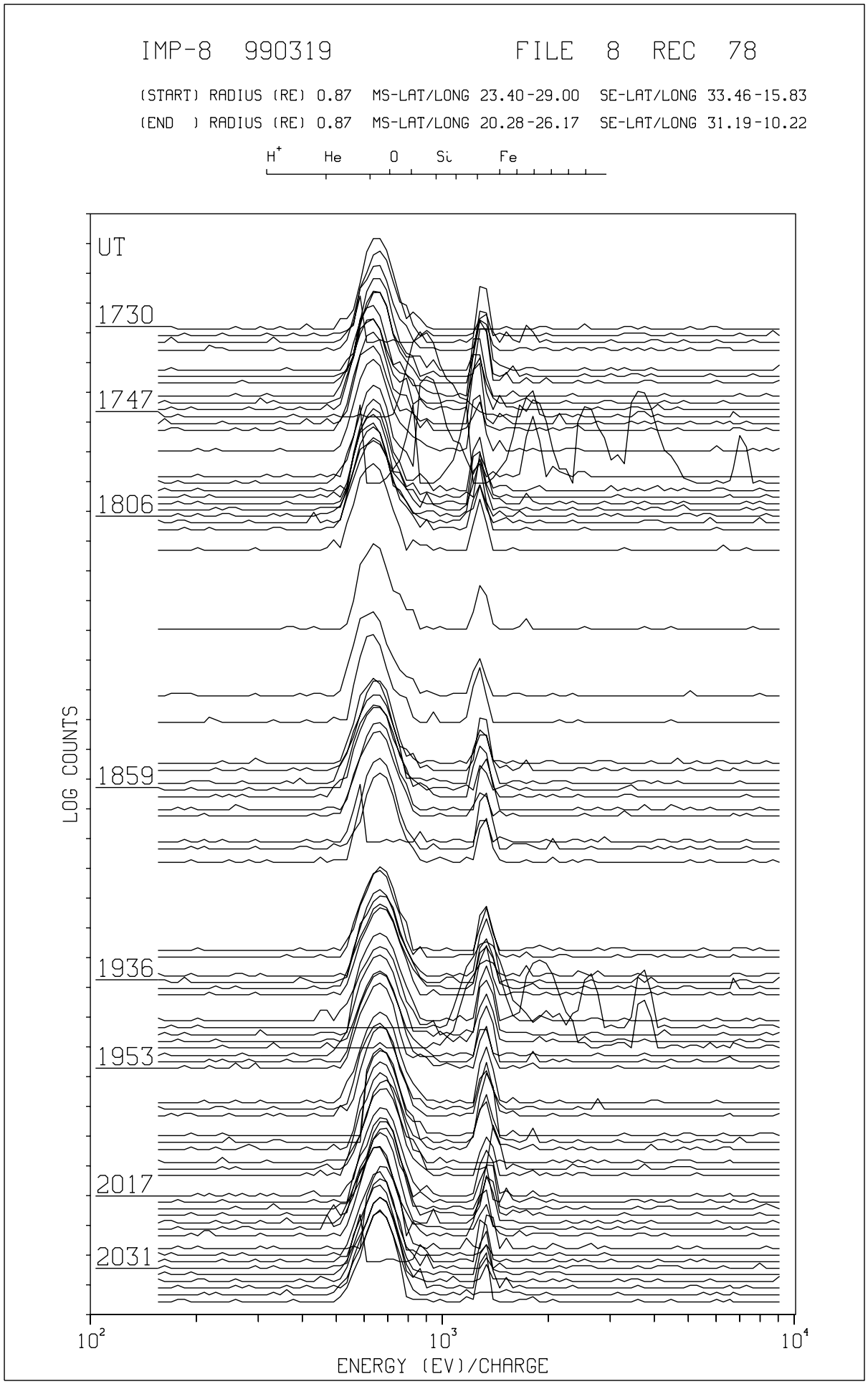
IMP-8 990319 FILE 5 REC 56

(START) RADIUS (RE) 0.87 MS-LAT/LONG 31.02-34.72 SE-LAT/LONG 37.13-27.94

(END) RADIUS (RE) 0.87 MS-LAT/LONG 28.10-30.87 SE-LAT/LONG 35.43-21.68



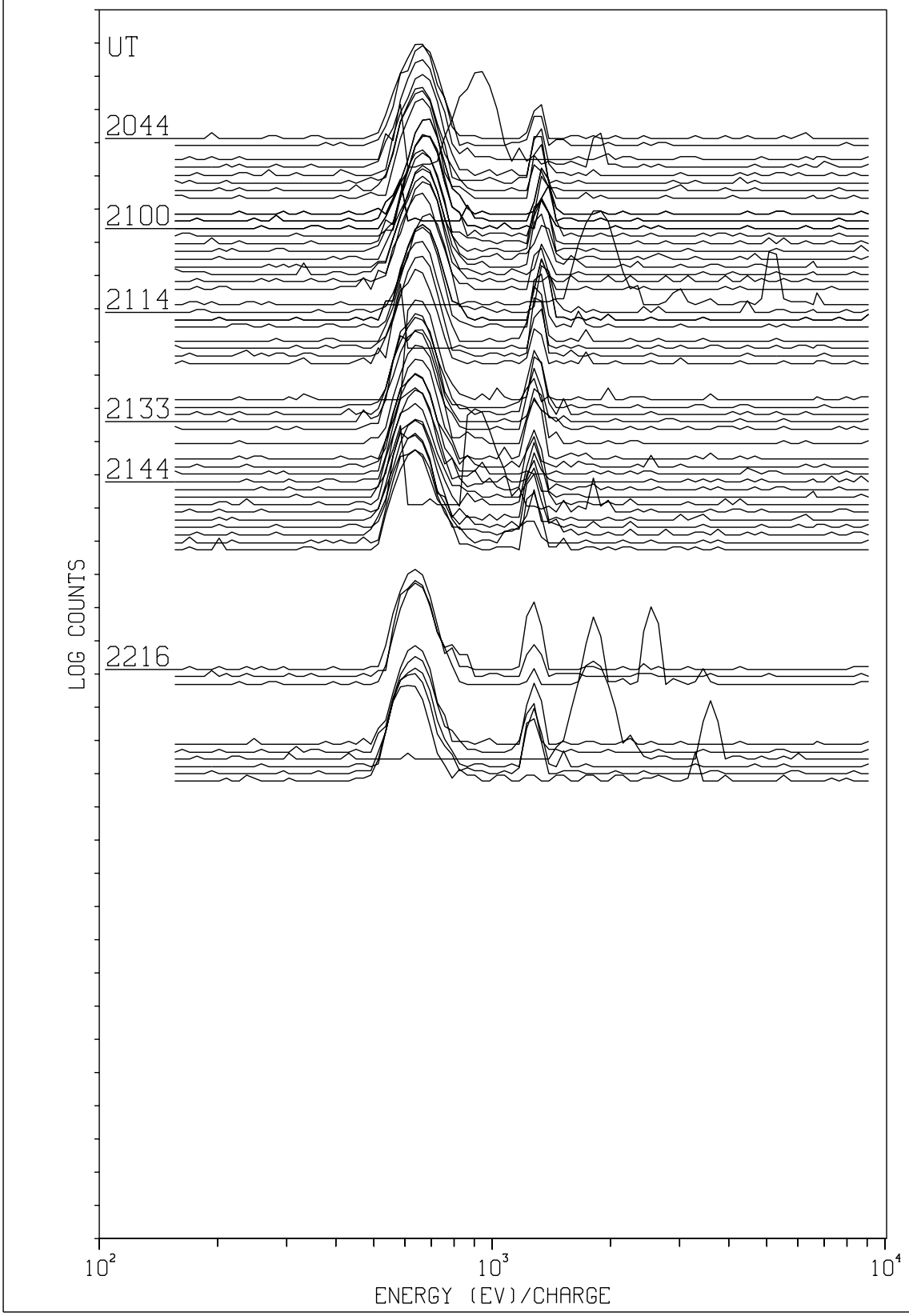

IMP-8 990319 FILE 7 REC 30
(START) RADIUS (RE) 0.87 MS-LAT/LONG 28.10-30.87 SE-LAT/LONG 35.43-21.68
(END) RADIUS (RE) 0.87 MS-LAT/LONG 23.40-29.00 SE-LAT/LONG 33.46-15.83
H+ He O Si Fe
UT
1419
1441
1501
1543
1630
1648
1705
1725
LOG COUNTS
10^2
10^3
10^4
ENERGY (EV)/CHARGE


IMP-8 990319 FILE 8 REC 78
(START) RADIUS (RE) 0.87 MS-LAT/LONG 23.40-29.00 SE-LAT/LONG 33.46-15.83
(END) RADIUS (RE) 0.87 MS-LAT/LONG 20.28-26.17 SE-LAT/LONG 31.19-10.22
H+ He O Si Fe
UT
1730
1747
1806
1859
1936
1953
2017
2031
LOG COUNTS
10^2
10^3
10^4
ENERGY (EV)/CHARGE

IMP-8 990319 FILE 10 REC 45

(START) RADIUS (RE) 0.87 MS-LAT/LONG 20.28-26.17 SE-LAT/LONG 31.19-10.22

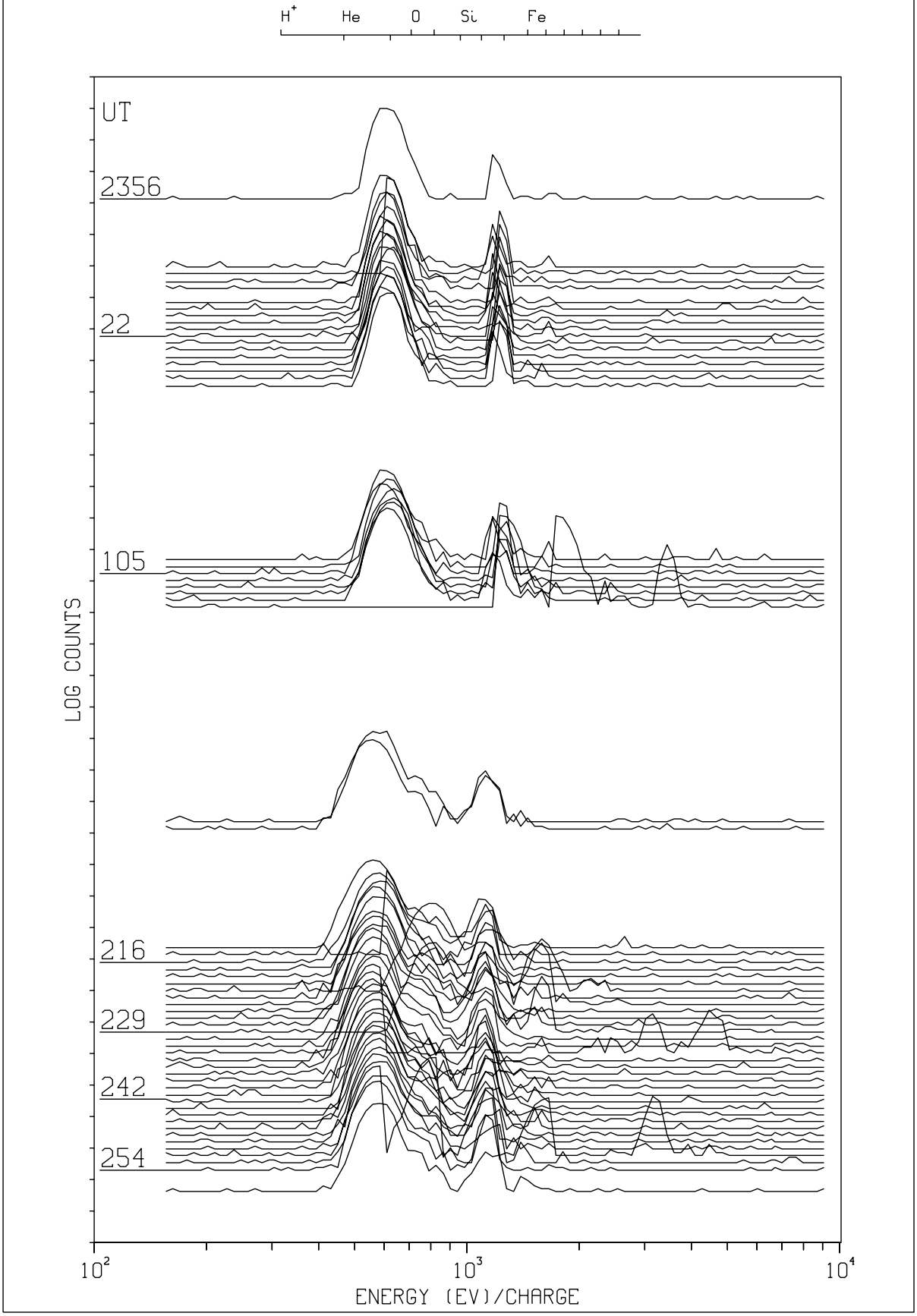
(END) RADIUS (RE) 0.87 MS-LAT/LONG 20.60-21.09 SE-LAT/LONG 28.75-5.03



IMP-8 990319 FILE 12 REC 43

(START) RADIUS (RE) 0.87 MS-LAT/LONG 20.60-21.09 SE-LAT/LONG 28.75-5.03

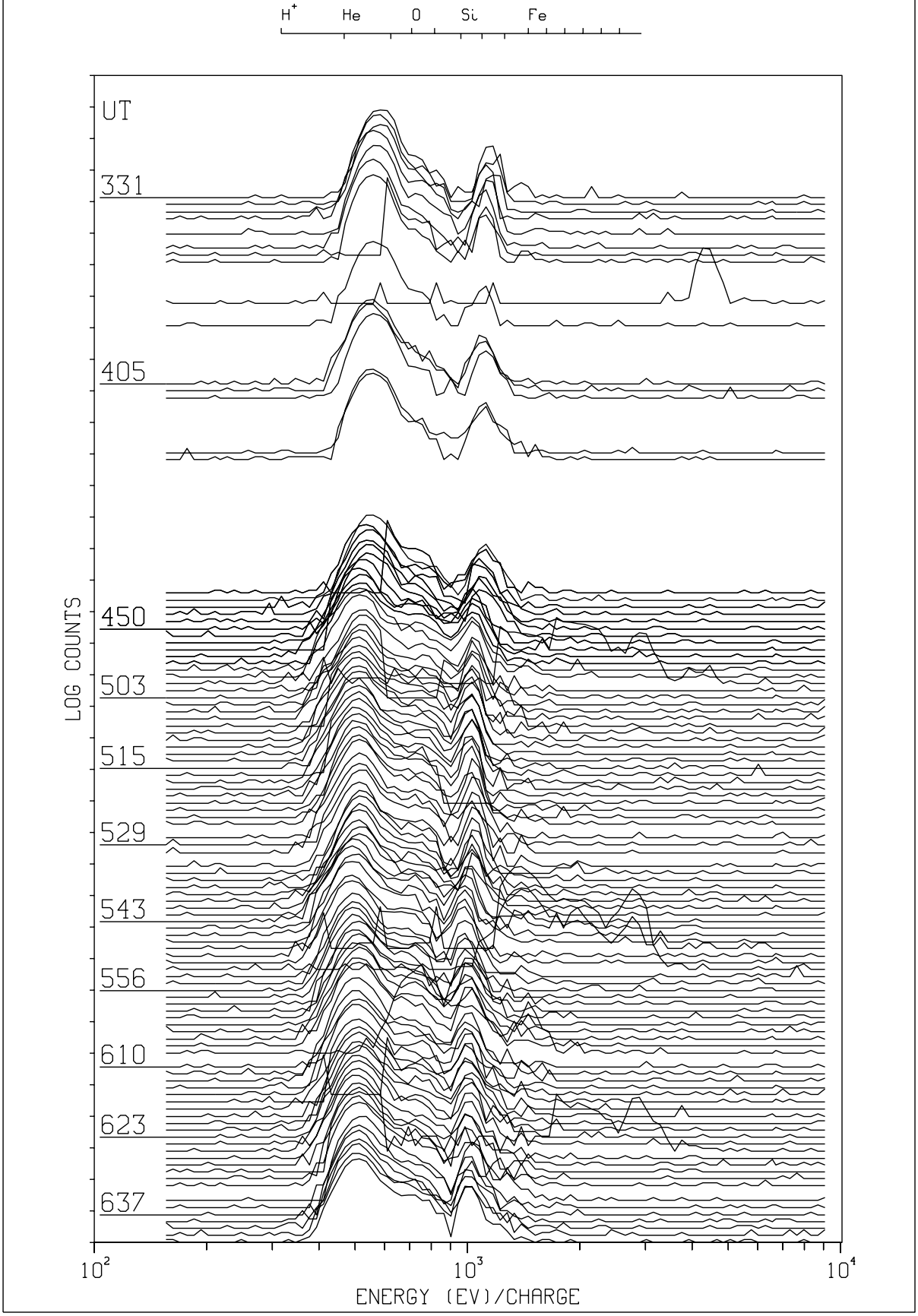
(END) RADIUS (RE) 0.87 MS-LAT/LONG 22.99-12.13 SE-LAT/LONG 25.83 0.38



IMP-8 990320 FILE 14 REC 26

(START) RADIUS (RE) 0.87 MS-LAT/LONG 22.99-12.13 SE-LAT/LONG 25.83 0.38

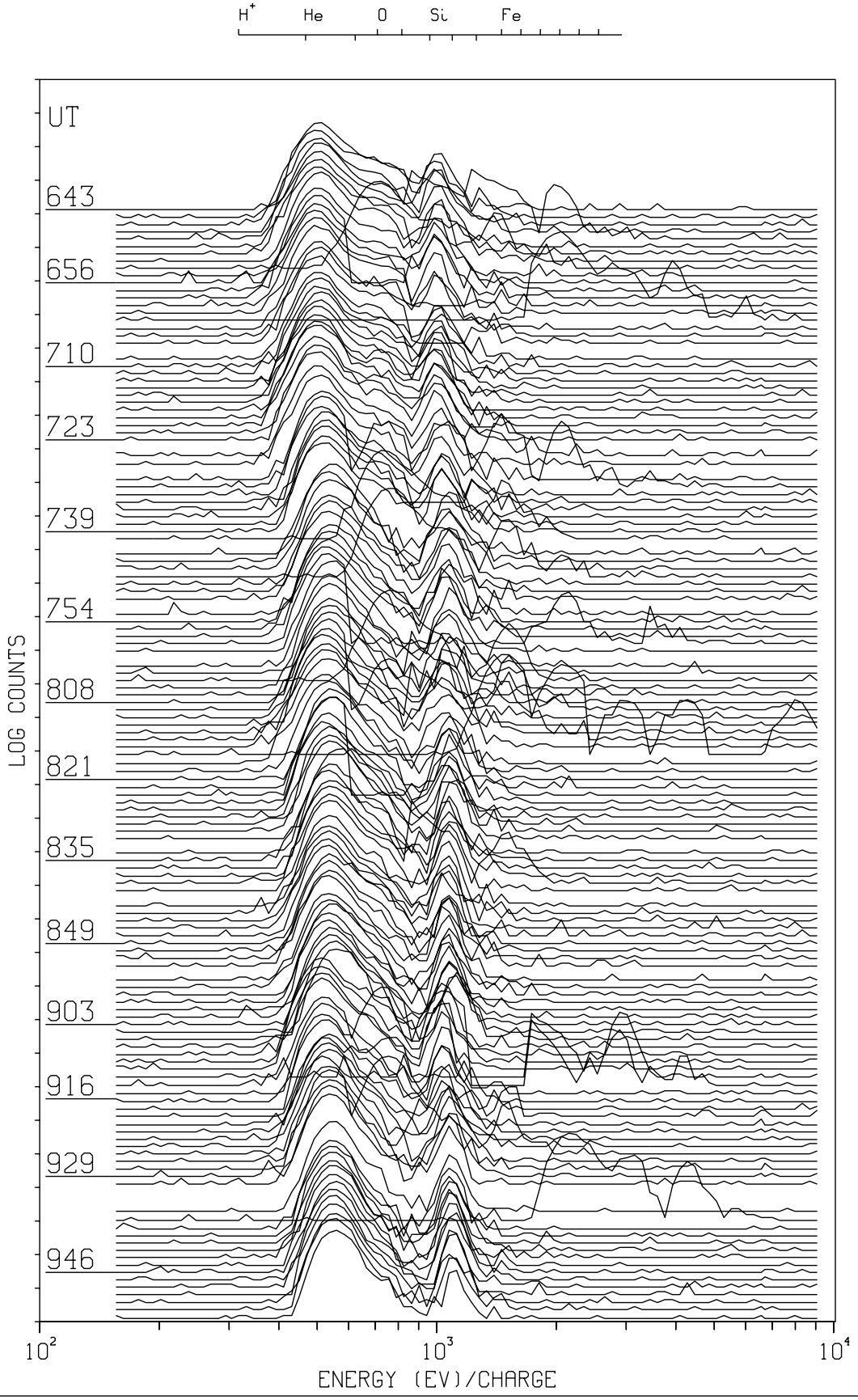
(END) RADIUS (RE) 0.87 MS-LAT/LONG 23.45-2.69 SE-LAT/LONG 23.11 4.89

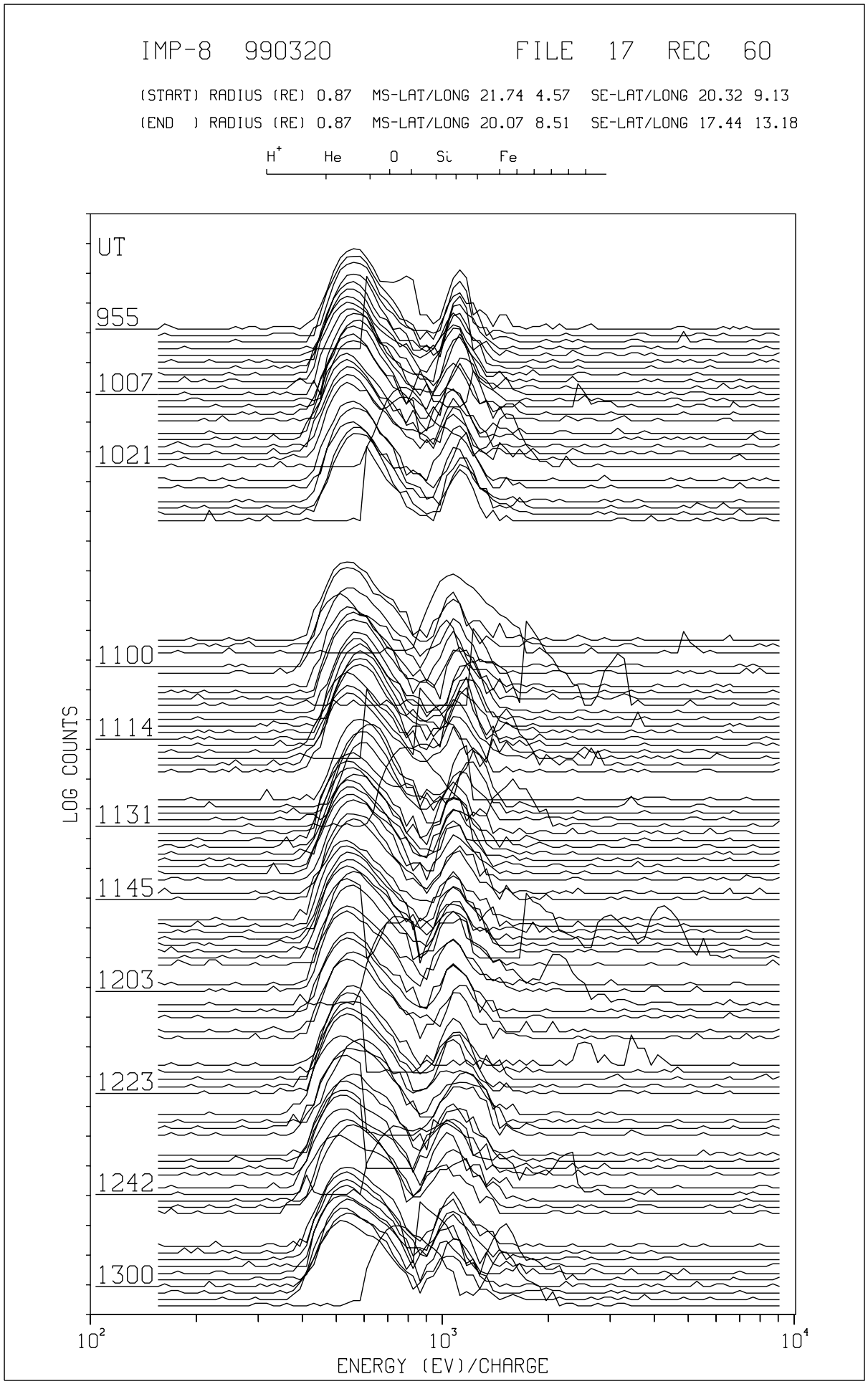


IMP-8 990320 FILE 16 REC 8

(START) RADIUS (RE) 0.87 MS-LAT/LONG 23.45 -2.69 SE-LAT/LONG 23.11 4.89

(END) RADIUS (RE) 0.87 MS-LAT/LONG 21.74 4.57 SE-LAT/LONG 20.32 9.13

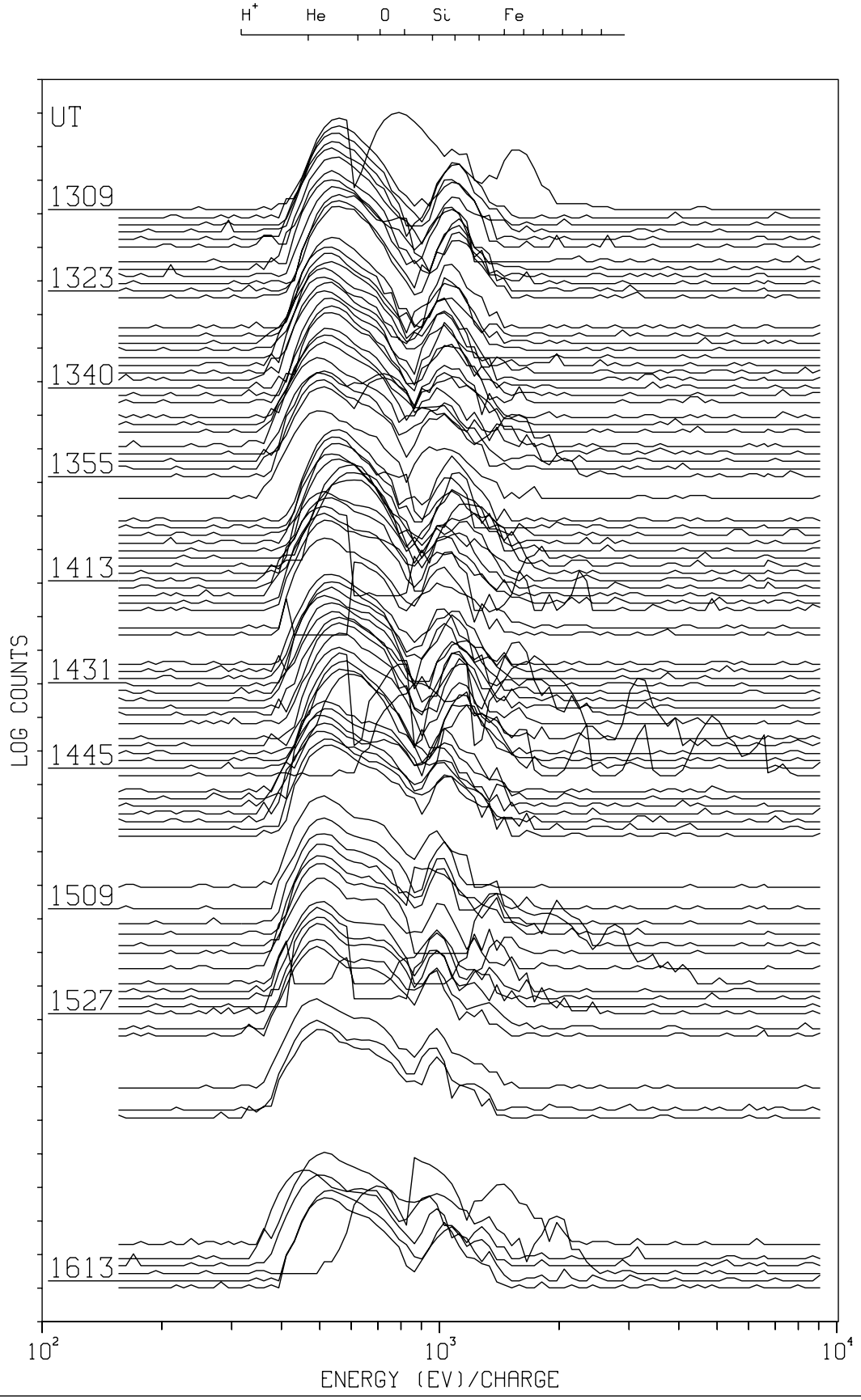



IMP-8 990320 FILE 17 REC 60
(START) RADIUS (RE) 0.87 MS-LAT/LONG 21.74 4.57 SE-LAT/LONG 20.32 9.13
(END) RADIUS (RE) 0.87 MS-LAT/LONG 20.07 8.51 SE-LAT/LONG 17.44 13.18
H+ He O Si Fe
UT
955
1007
1021
1100
1114
1131
1145
1203
1223
1242
1300
LOG COUNTS
10^2
10^3
10^4
ENERGY (EV)/CHARGE

IMP-8 990320 FILE 19 REC 10

(START) RADIUS (RE) 0.87 MS-LAT/LONG 20.07 8.51 SE-LAT/LONG 17.44 13.18

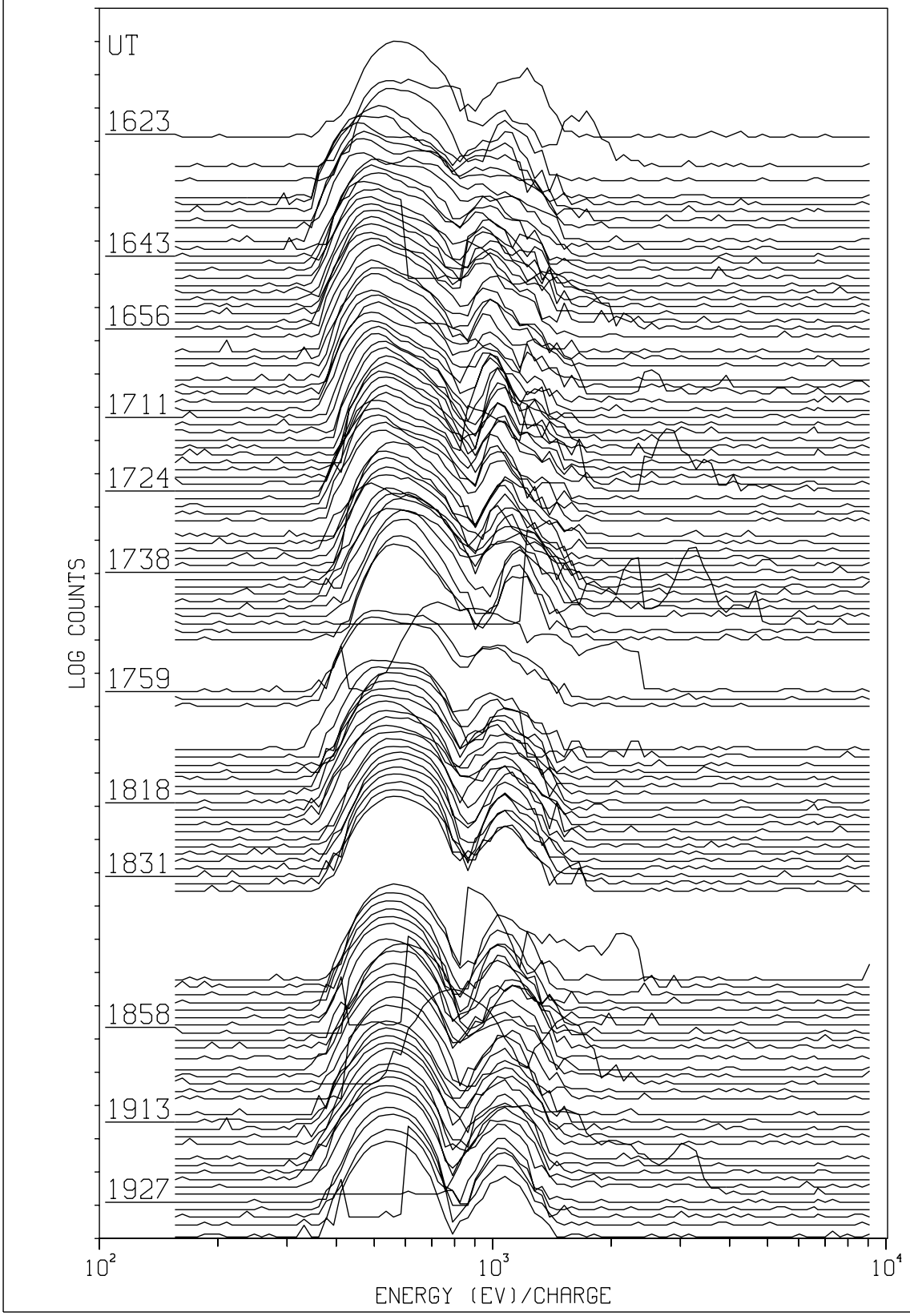
(END) RADIUS (RE) 0.88 MS-LAT/LONG 19.87 10.17 SE-LAT/LONG 14.54 17.00



IMP-8 990320 FILE 20 REC 45

(START) RADIUS (RE) 0.88 MS-LAT/LONG 19.87 10.17 SE-LAT/LONG 14.54 17.00

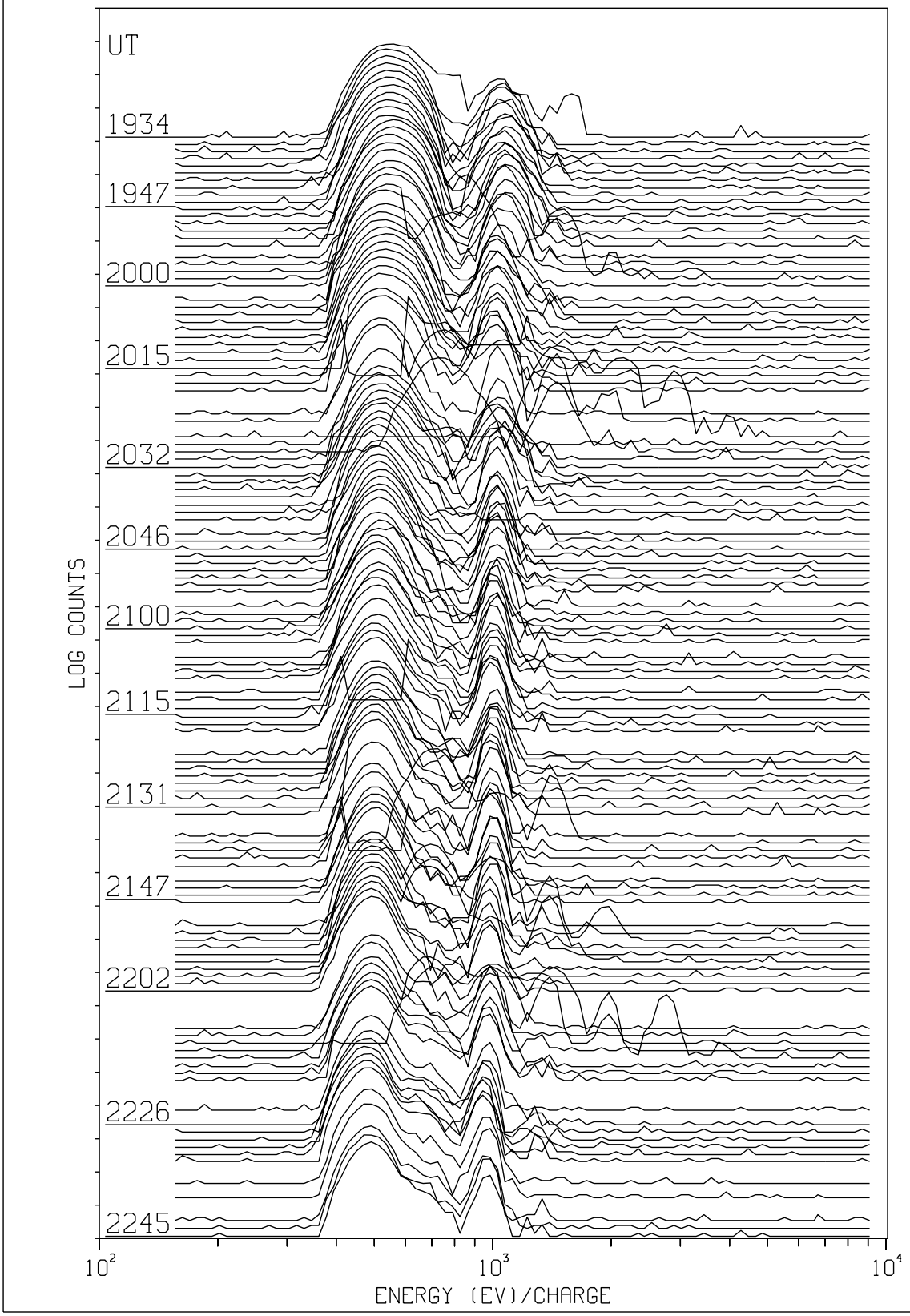
(END) RADIUS (RE) 0.88 MS-LAT/LONG 20.65 11.58 SE-LAT/LONG 11.68 20.60



IMP-8 990320 FILE 22 REC 29

(START) RADIUS (RE) 0.88 MS-LAT/LONG 20.65 11.58 SE-LAT/LONG 11.68 20.60

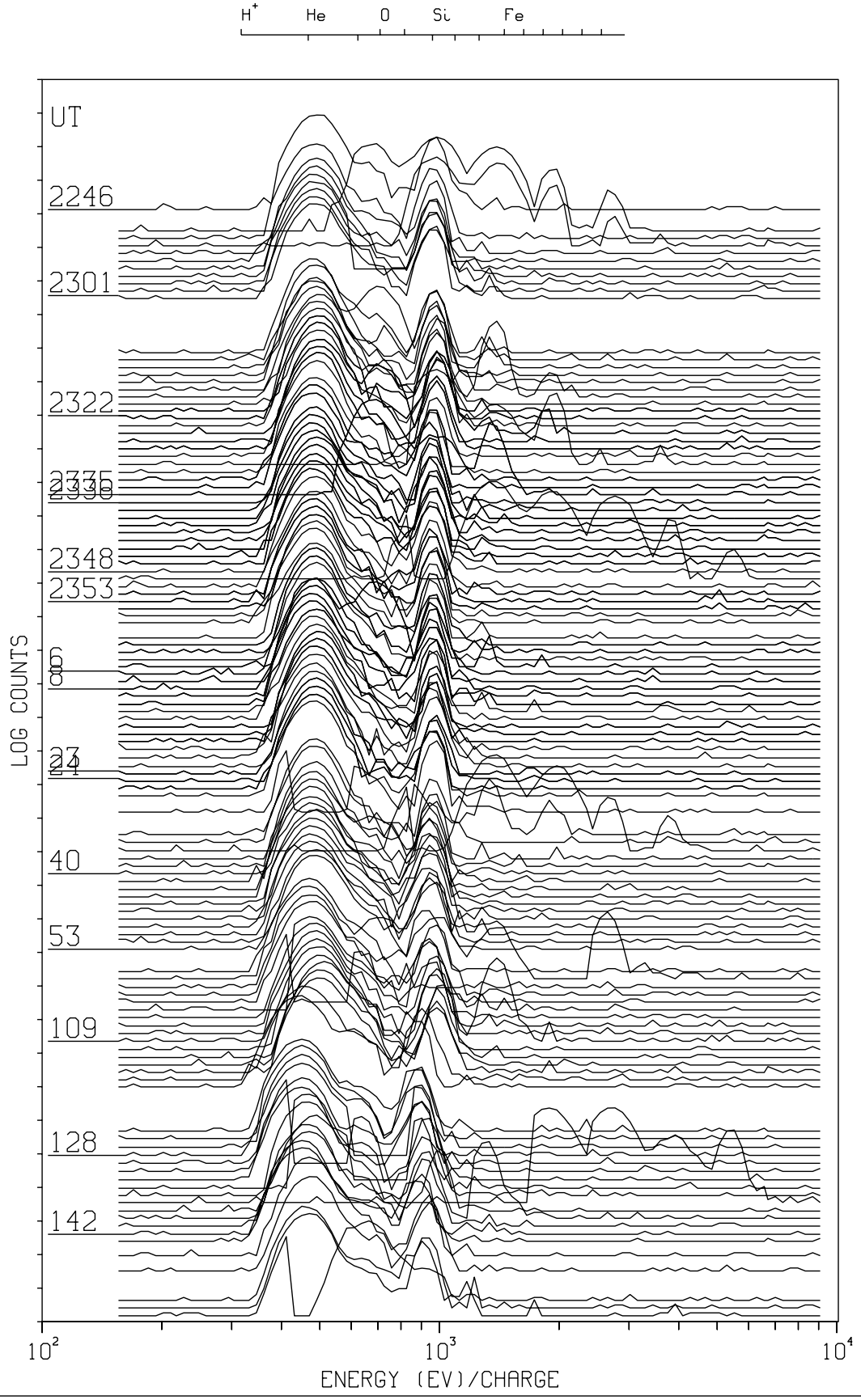
(END) RADIUS (RE) 0.88 MS-LAT/LONG 20.96 14.91 SE-LAT/LONG 8.83 24.05



IMP-8 990320 FILE 23 REC 77

(START) RADIUS (RE) 0.88 MS-LAT/LONG 20.96 14.91 SE-LAT/LONG 8.83 24.05

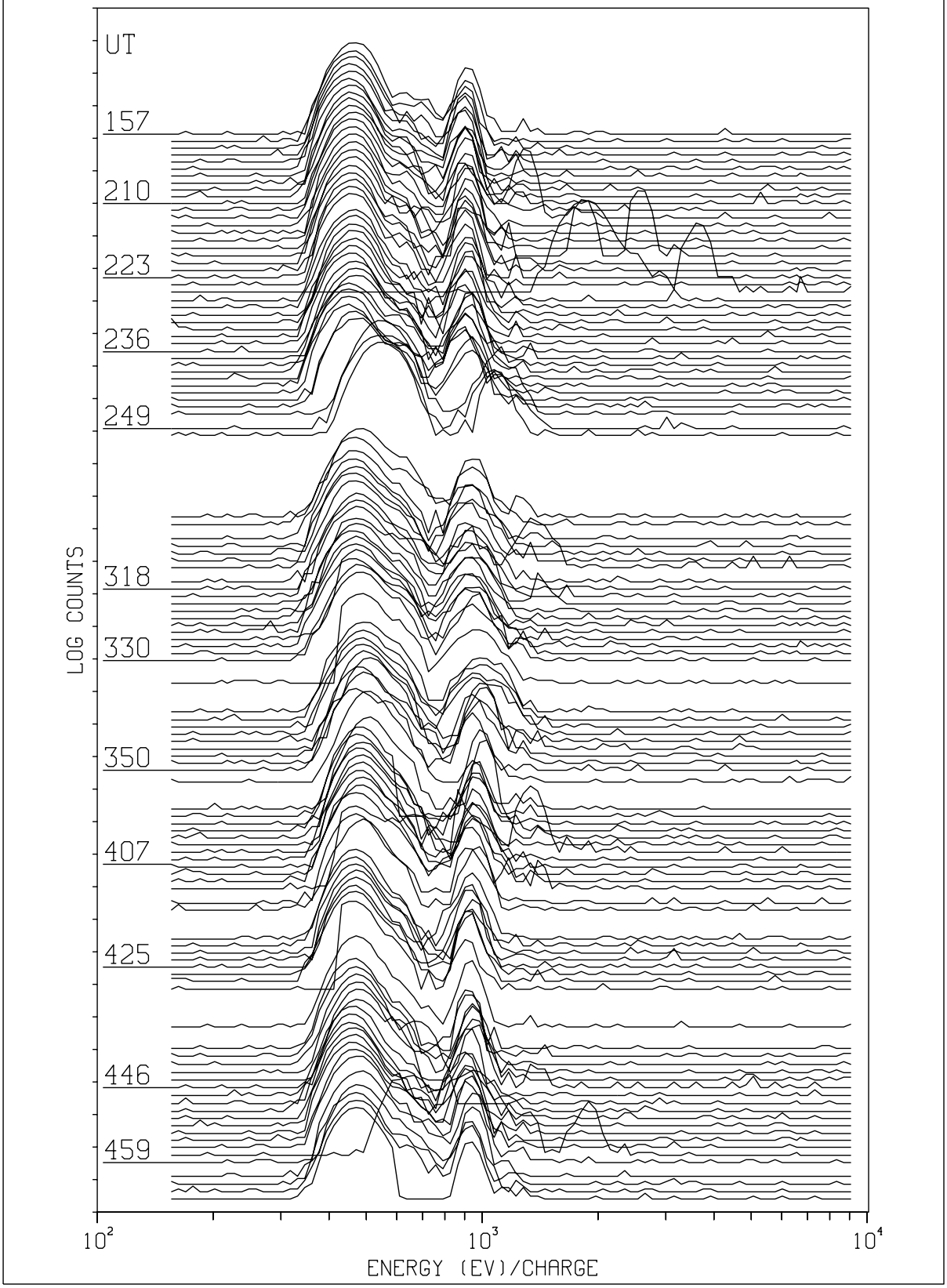
(END) RADIUS (RE) 0.88 MS-LAT/LONG 19.09 20.81 SE-LAT/LONG 6.02 27.35



IMP-8 990321 FILE 26 REC 37

(START) RADIUS (RE) 0.88 MS-LAT/LONG 19.09 20.81 SE-LAT/LONG 6.02 27.35

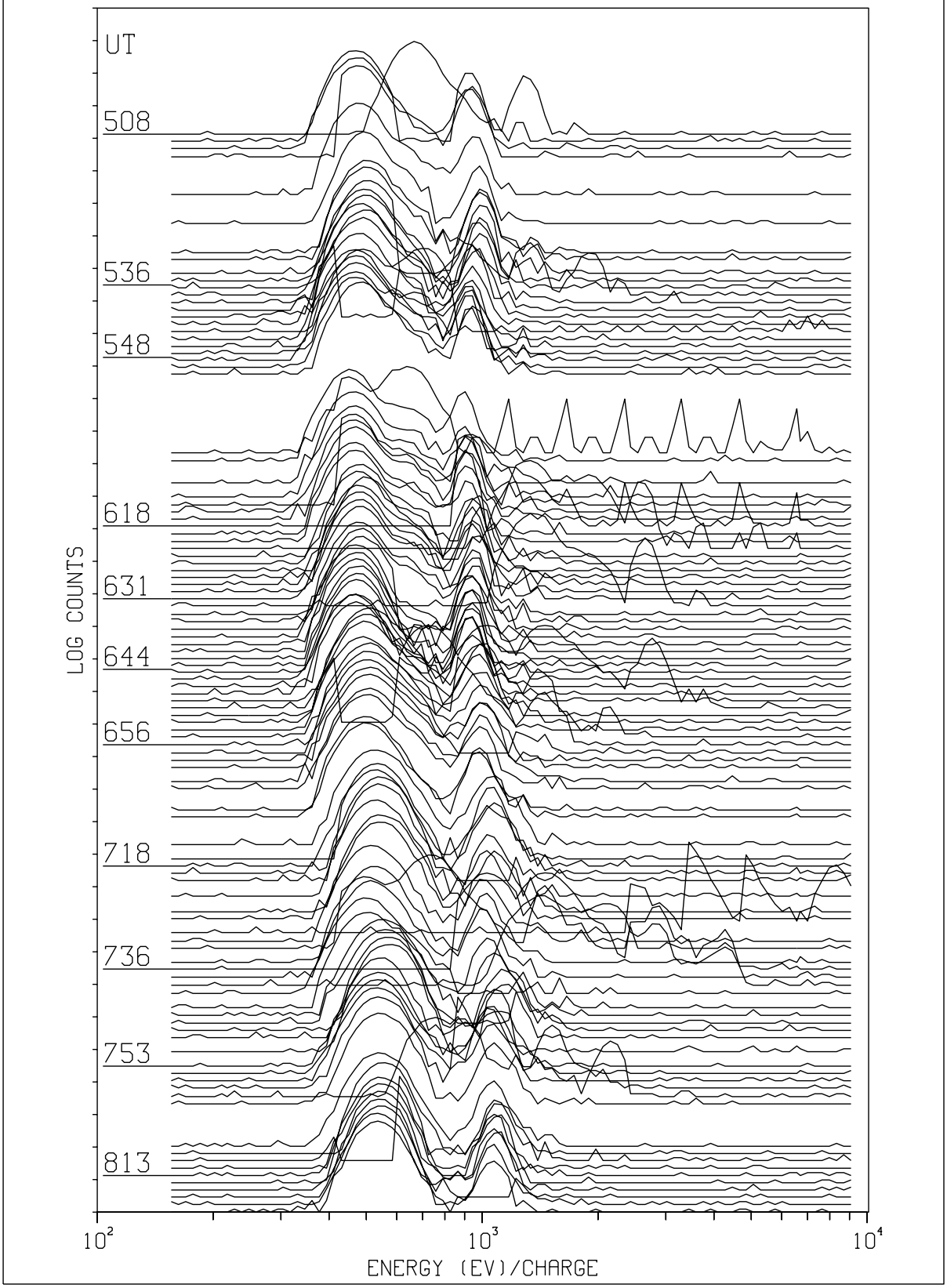
(END) RADIUS (RE) 0.88 MS-LAT/LONG 14.16 27.49 SE-LAT/LONG 3.28 30.51



IMP-8 990321 FILE 28 REC 1

(START) RADIUS (RE) 0.88 MS-LAT/LONG 14.16 27.49 SE-LAT/LONG 3.28 30.51

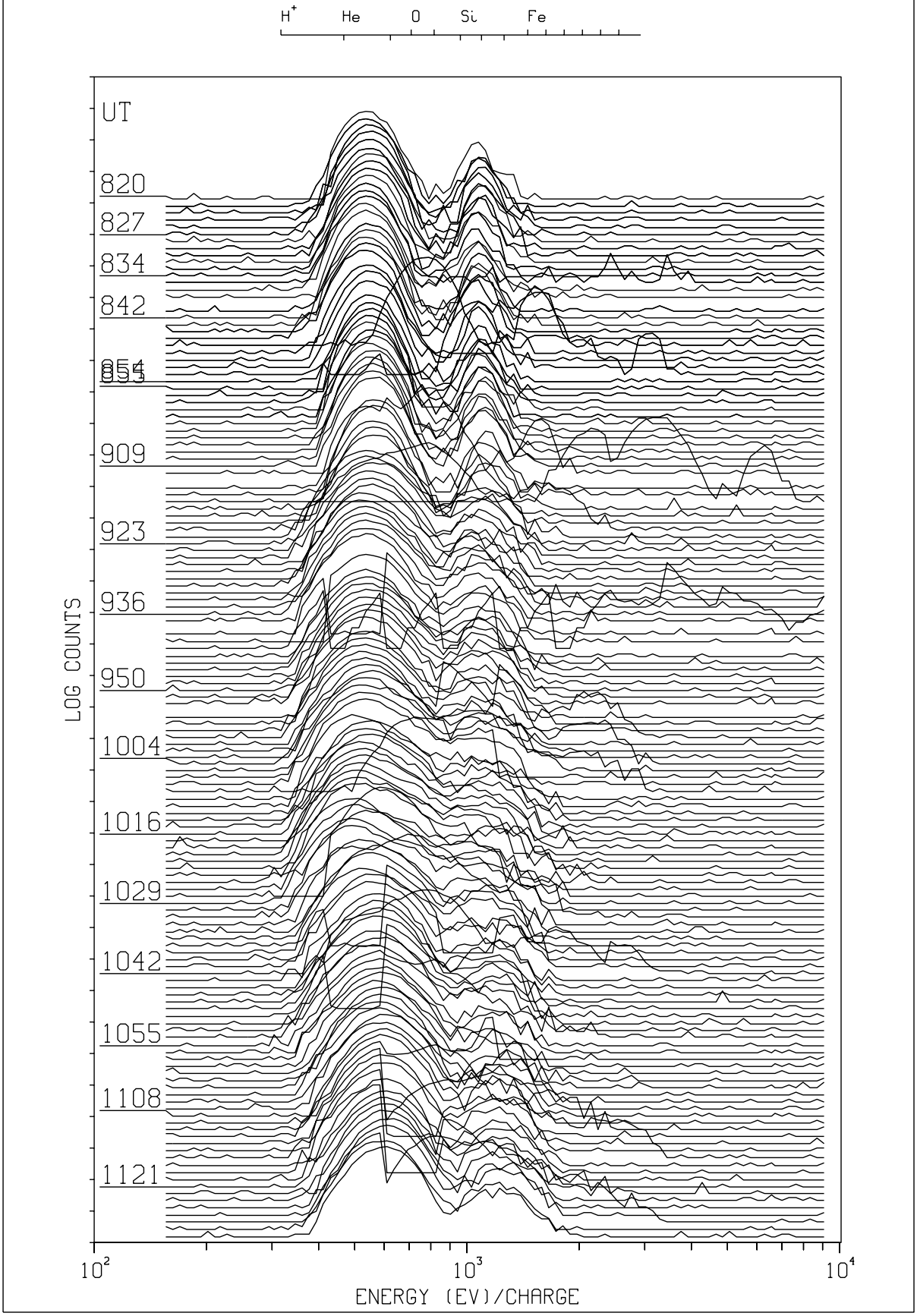
(END) RADIUS (RE) 0.88 MS-LAT/LONG 8.12 32.77 SE-LAT/LONG 0.53 33.64



IMP-8 990321 FILE 29 REC 54

(START) RADIUS (RE) 0.88 MS-LAT/LONG 8.12 32.77 SE-LAT/LONG 0.53 33.64

(END) RADIUS (RE) 0.88 MS-LAT/LONG 4.98 36.42 SE-LAT/LONG -2.12 36.66

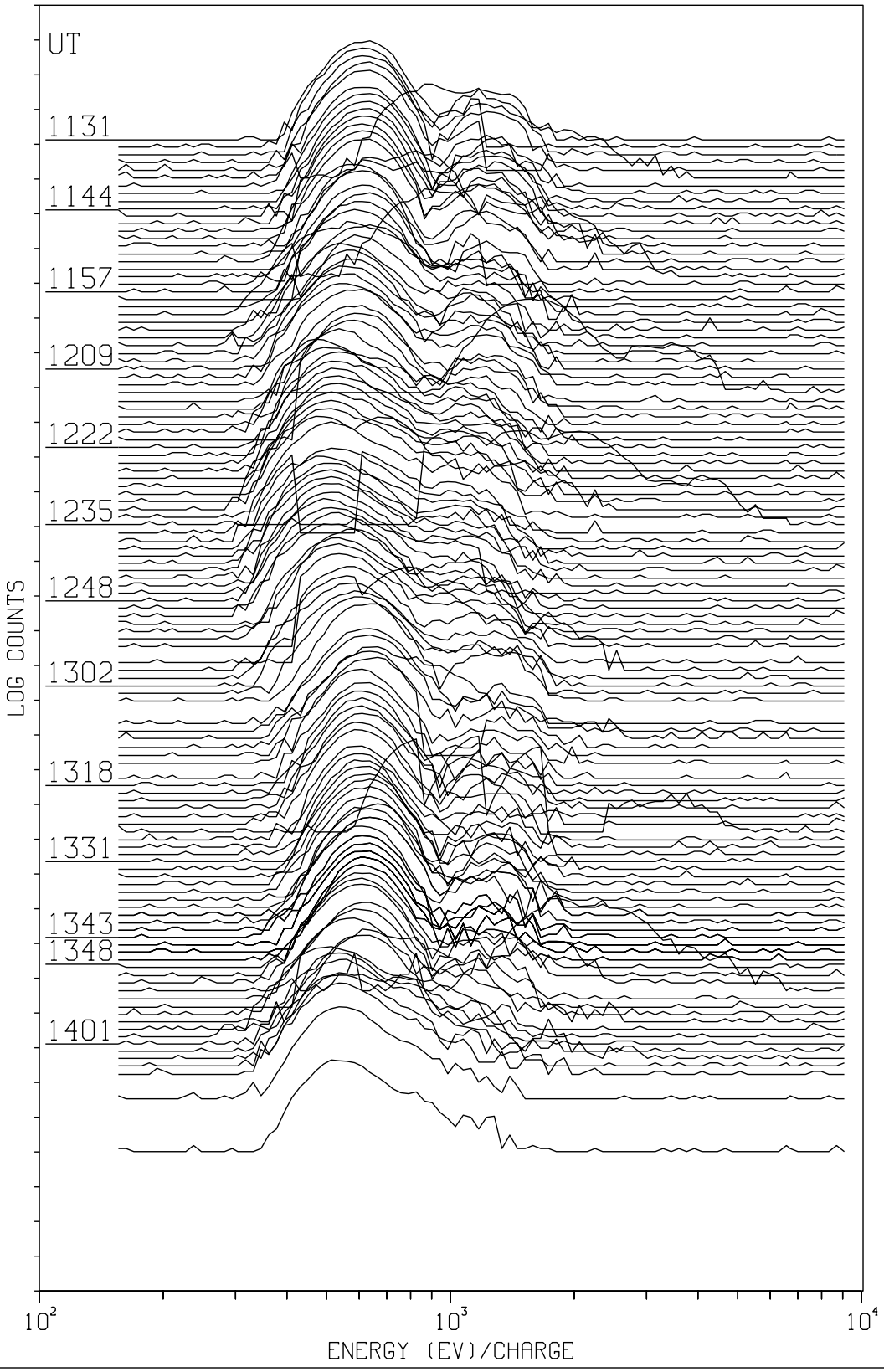


IMP-8 990321 FILE 31 REC 76

(START) RADIUS (RE) 0.88 MS-LAT/LONG 4.98 36.42 SE-LAT/LONG-2.12 36.66

(END) RADIUS (RE) 0.88 MS-LAT/LONG 6.57 39.49 SE-LAT/LONG-4.78 39.71

H^+ He O Si Fe

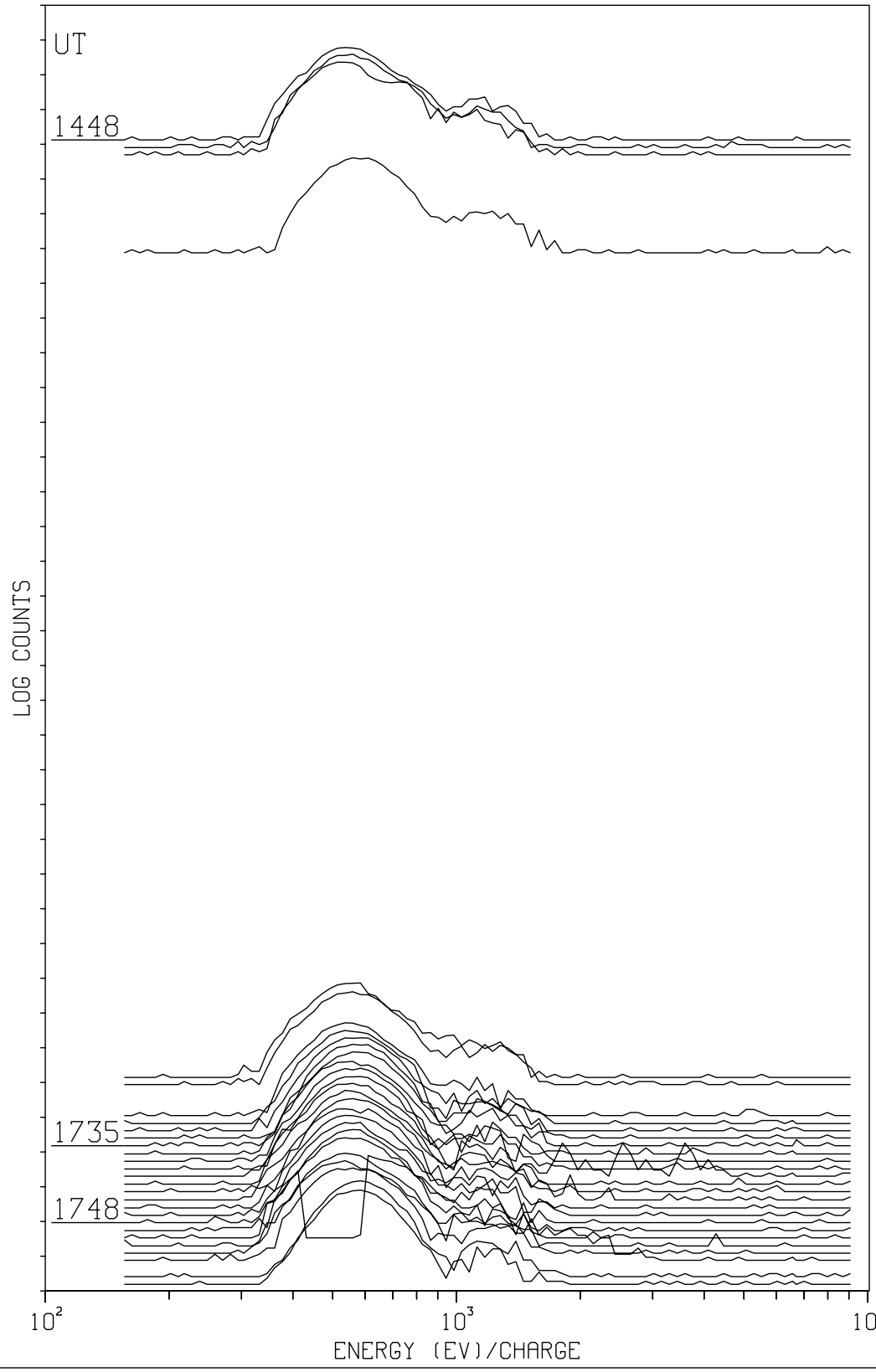


IMP-8 990321 FILE 33 REC 43

(START) RADIUS (RE) 0.88 MS-LAT/LONG 6.57 39.49 SE-LAT/LONG-4.78 39.71

(END) RADIUS (RE) 0.88 MS-LAT/LONG 11.30 41.89 SE-LAT/LONG-7.28 42.61

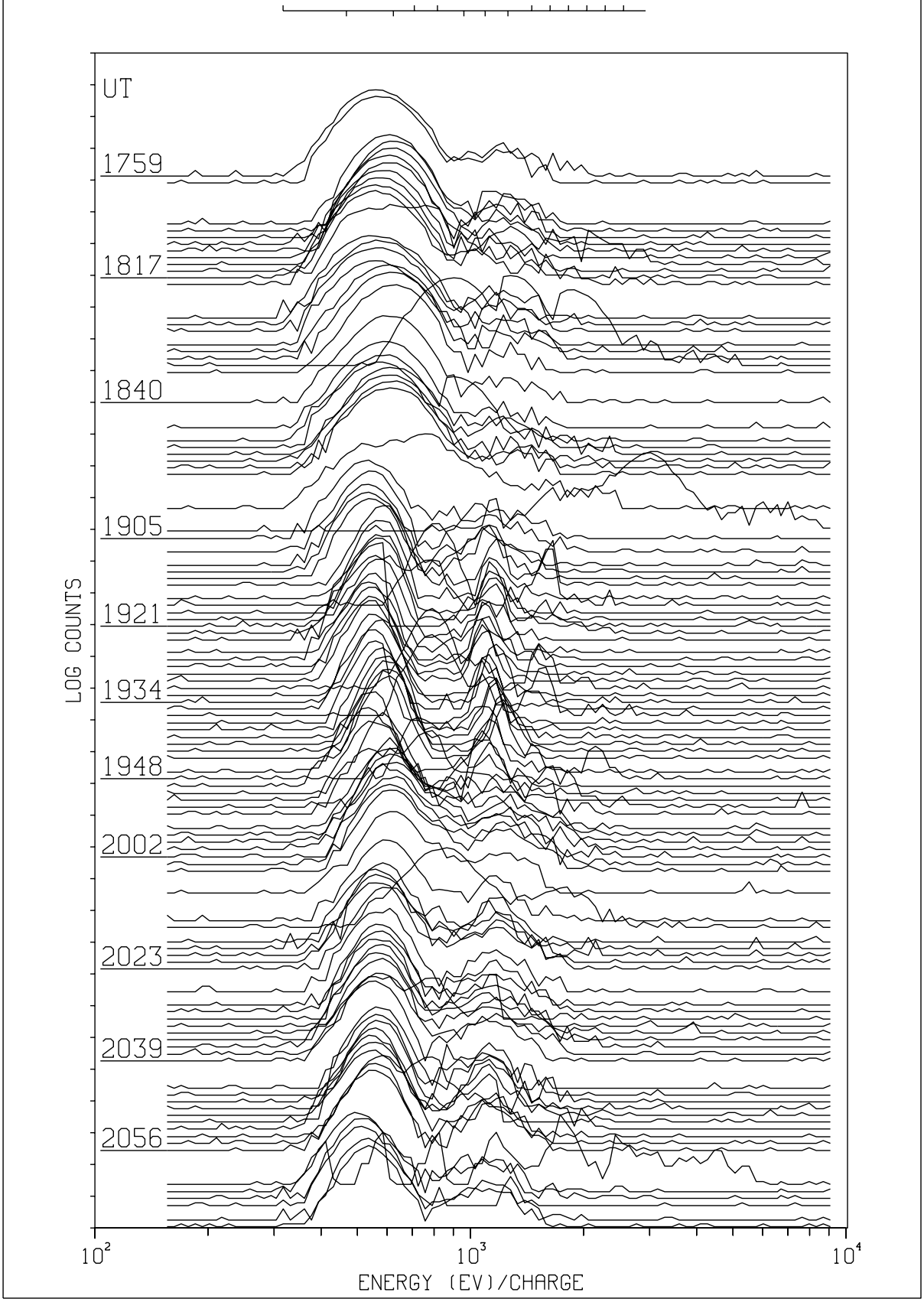
H^+ He O Si Fe



IMP-8 990321 FILE 35 REC 15

(START) RADIUS (RE) 0.88 MS-LAT/LONG 11.30 41.89 SE-LAT/LONG-7.28 42.61

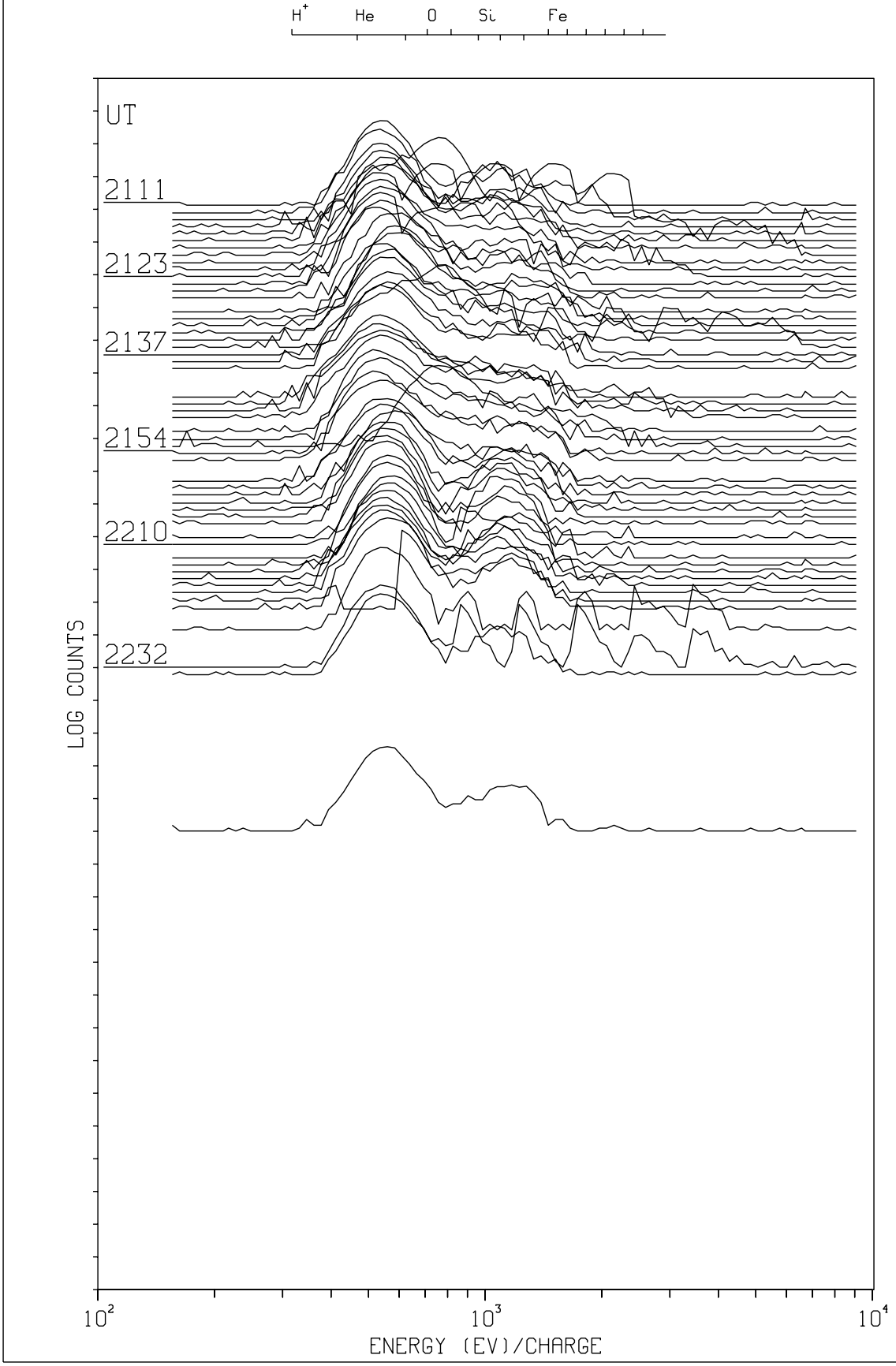
(END) RADIUS (RE) 0.88 MS-LAT/LONG 14.90 44.36 SE-LAT/LONG-9.72 45.50



IMP-8 990321 FILE 36 REC 65

(START) RADIUS (RE) 0.88 MS-LAT/LONG 14.90 44.36 SE-LAT/LONG-9.72 45.50

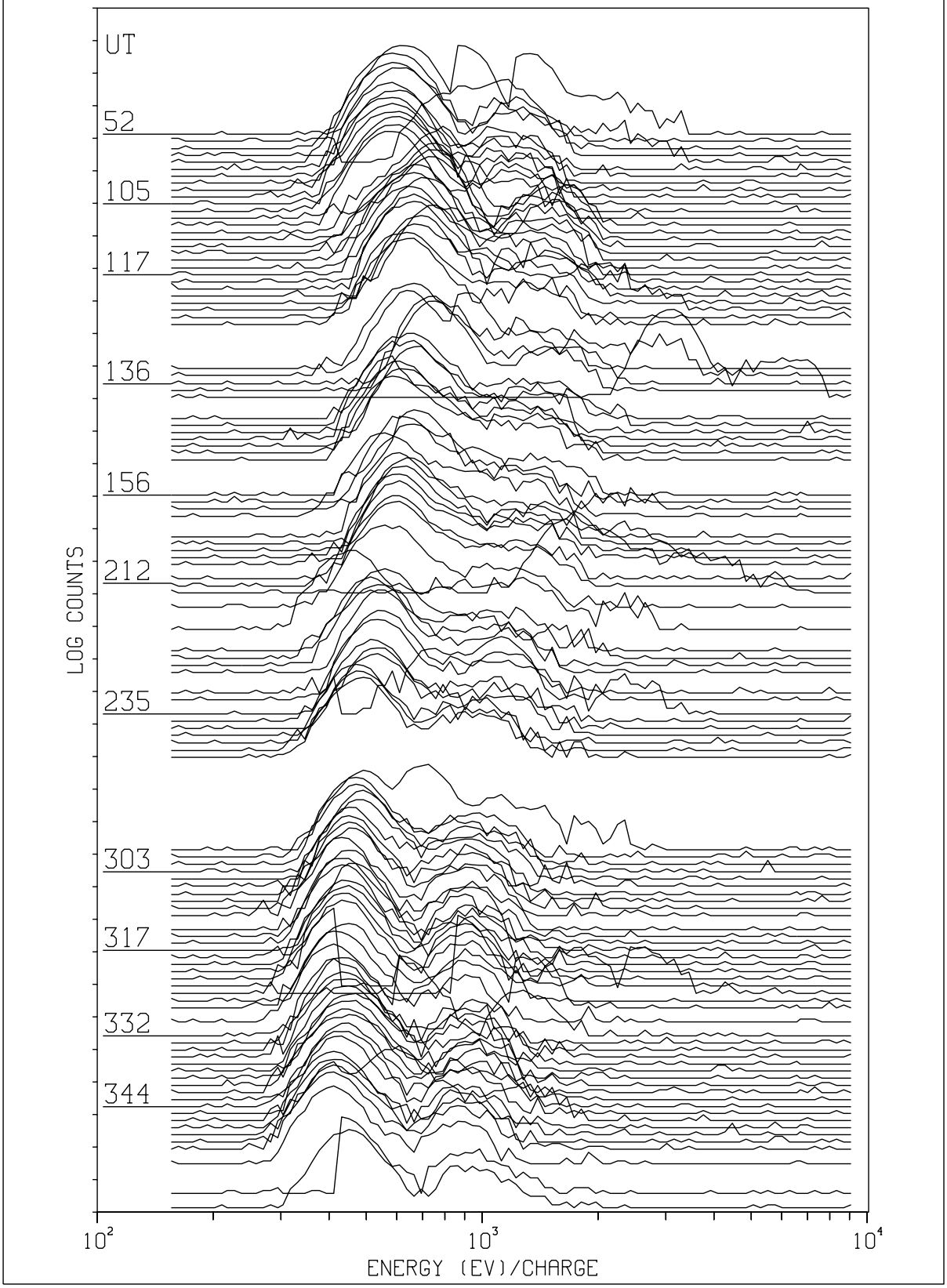
(END) RADIUS (RE) 0.88 MS-LAT/LONG 13.02 48.68 SE-LAT/LONG-12.43 48.80

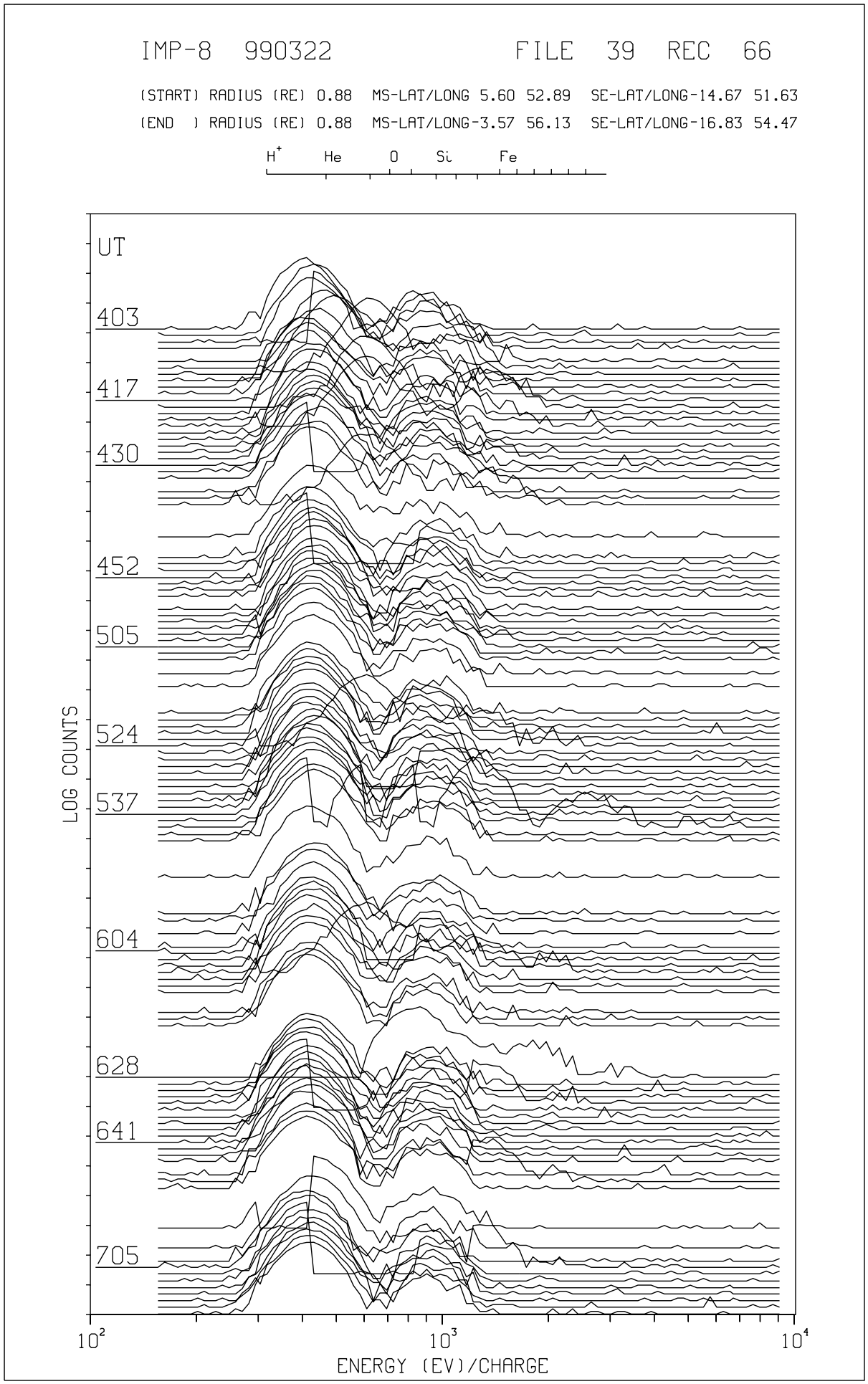


IMP-8 990322 FILE 38 REC 13

(START) RADIUS (RE) 0.88 MS-LAT/LONG 13.02 48.68 SE-LAT/LONG-12.43 48.80

(END) RADIUS (RE) 0.88 MS-LAT/LONG 5.60 52.89 SE-LAT/LONG-14.67 51.63



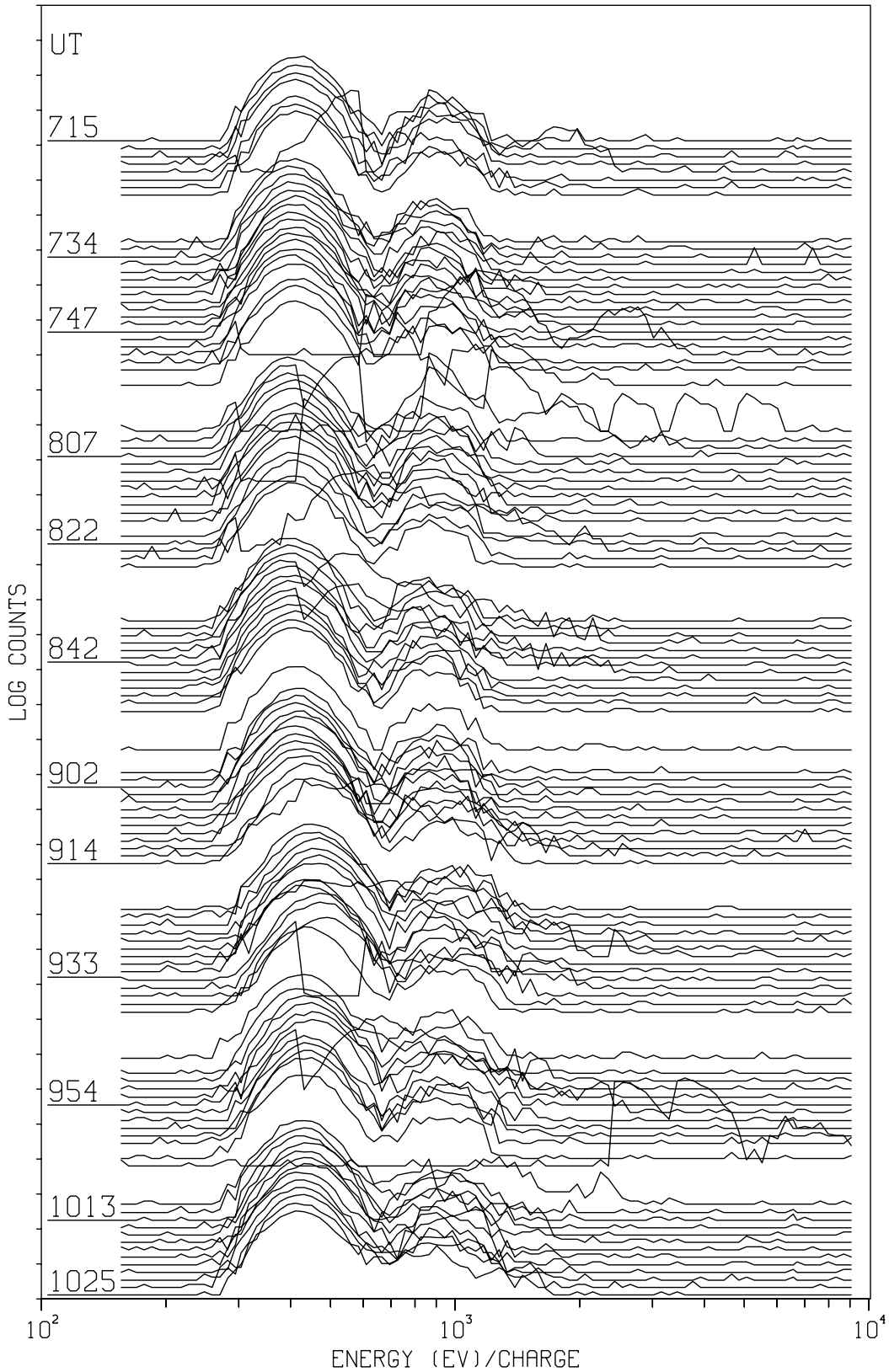

IMP-8 990322 FILE 39 REC 66
(START) RADIUS (RE) 0.88 MS-LAT/LONG 5.60 52.89 SE-LAT/LONG-14.67 51.63
(END) RADIUS (RE) 0.88 MS-LAT/LONG-3.57 56.13 SE-LAT/LONG-16.83 54.47
H+ He O Si Fe
UT
403
417
430
452
505
524
537
604
628
641
705
LOG COUNTS
10^2
10^3
10^4
ENERGY (EV)/CHARGE

IMP-8 990322 FILE 41 REC 31

(START) RADIUS (RE) 0.88 MS-LAT/LONG-3.57 56.13 SE-LAT/LONG-16.83 54.47

(END) RADIUS (RE) 0.89 MS-LAT/LONG-8.99 58.84 SE-LAT/LONG-18.90 57.30

H^+ He O Si Fe

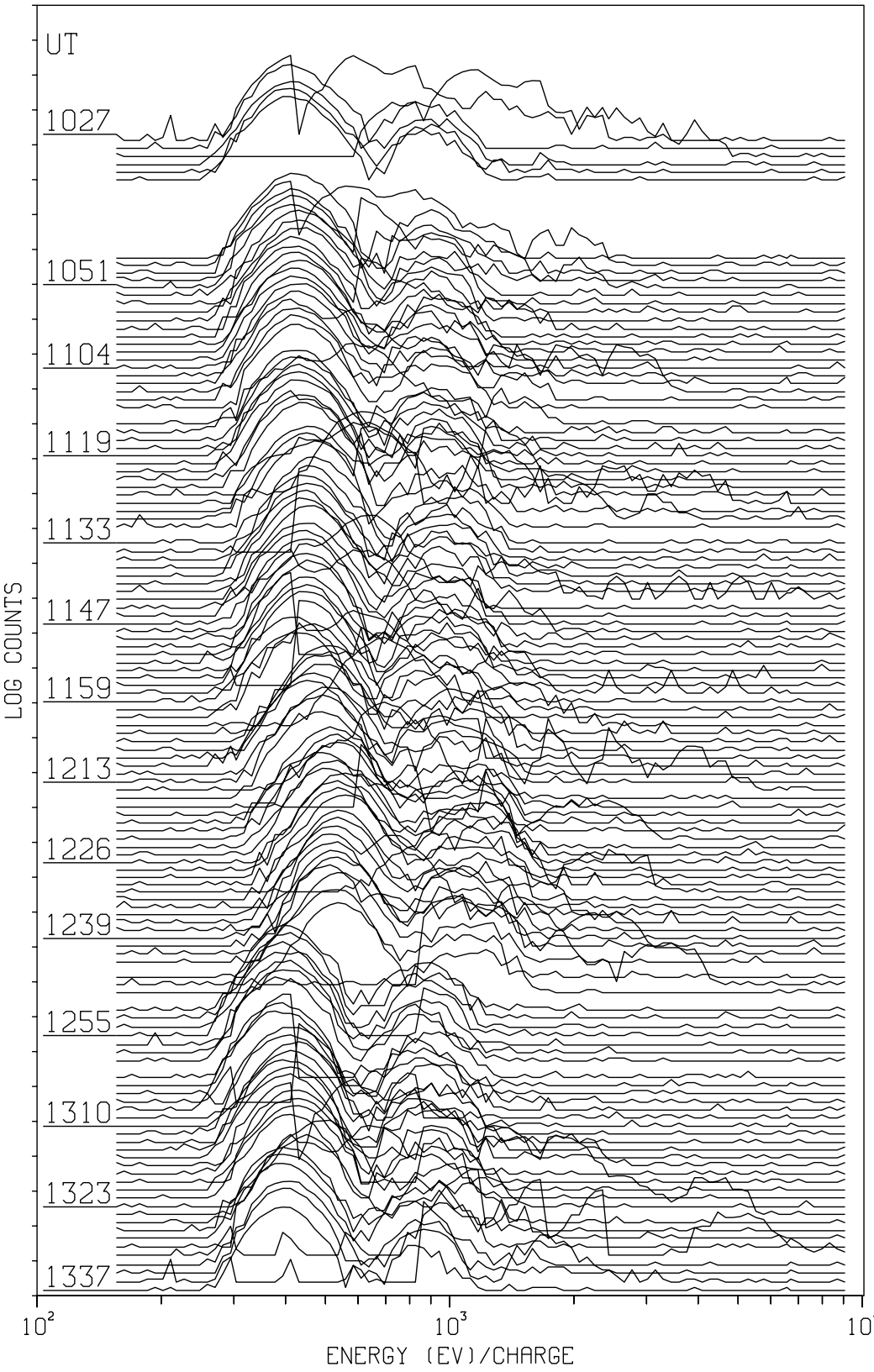


IMP-8 990322 FILE 42 REC 83

(START) RADIUS (RE) 0.89 MS-LAT/LONG-8.99 58.84 SE-LAT/LONG-18.90 57.30

(END) RADIUS (RE) 0.89 MS-LAT/LONG-7.85 61.99 SE-LAT/LONG-20.87 60.14

H^+ He O Si Fe

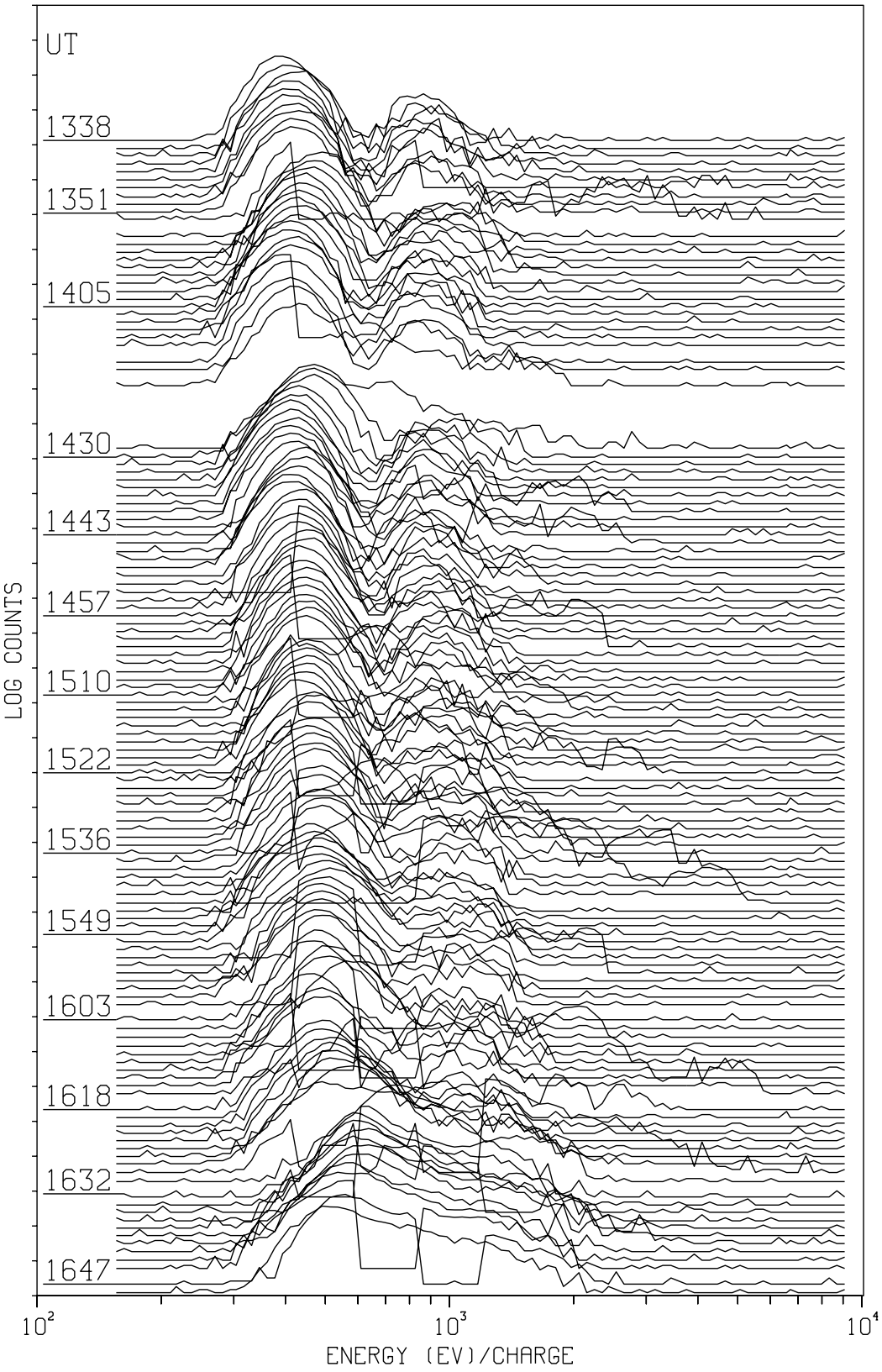


IMP-8 990322 FILE 44 REC 39

(START) RADIUS (RE) 0.89 MS-LAT/LONG-7.85 61.99 SE-LAT/LONG-20.87 60.14

(END) RADIUS (RE) 0.89 MS-LAT/LONG-1.17 65.28 SE-LAT/LONG-22.77 63.04

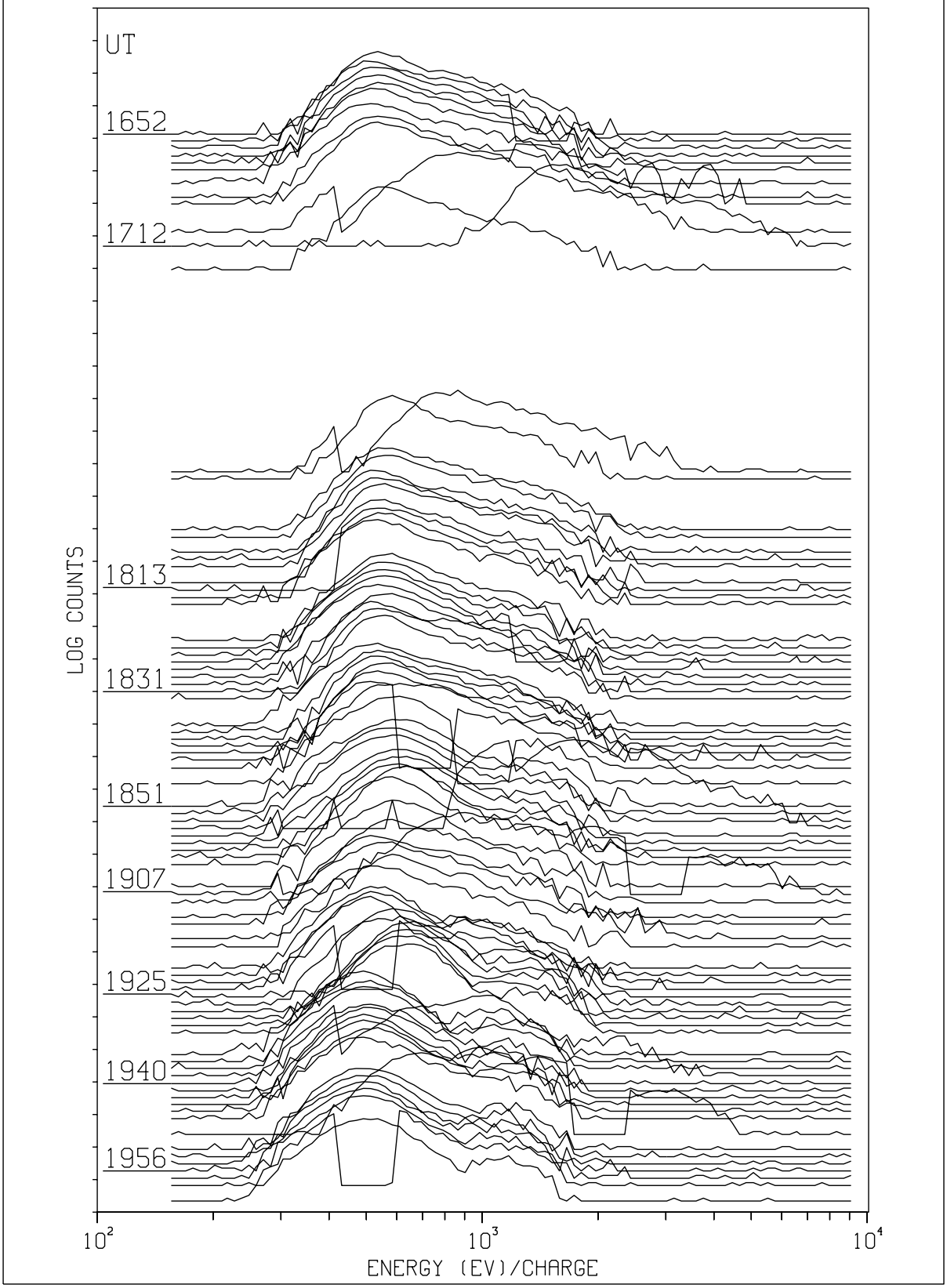
H^+ He O Si Fe

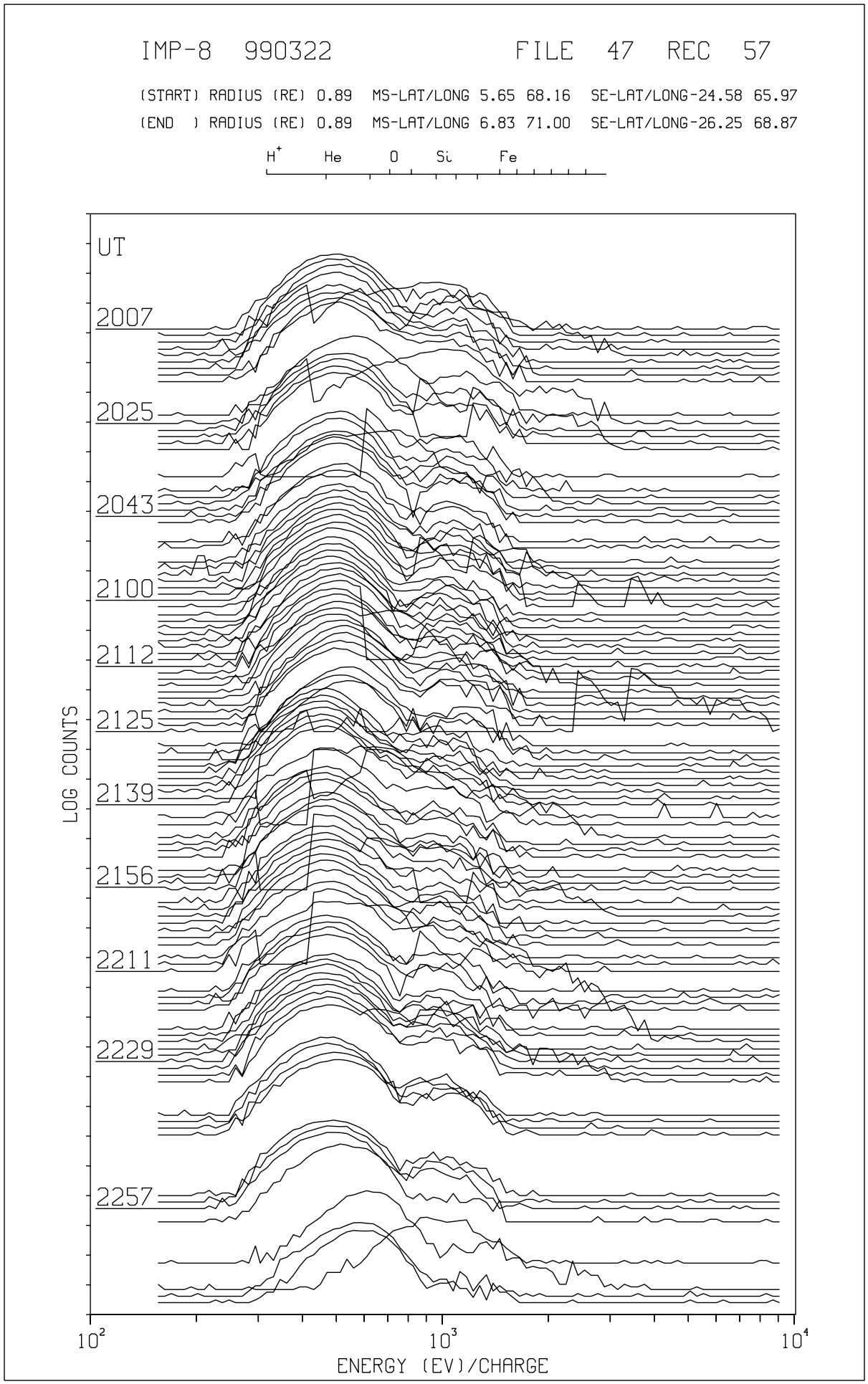


IMP-8 990322 FILE 46 REC 4

(START) RADIUS (RE) 0.89 MS-LAT/LONG-1.17 65.28 SE-LAT/LONG-22.77 63.04

(END) RADIUS (RE) 0.89 MS-LAT/LONG 5.65 68.16 SE-LAT/LONG-24.58 65.97



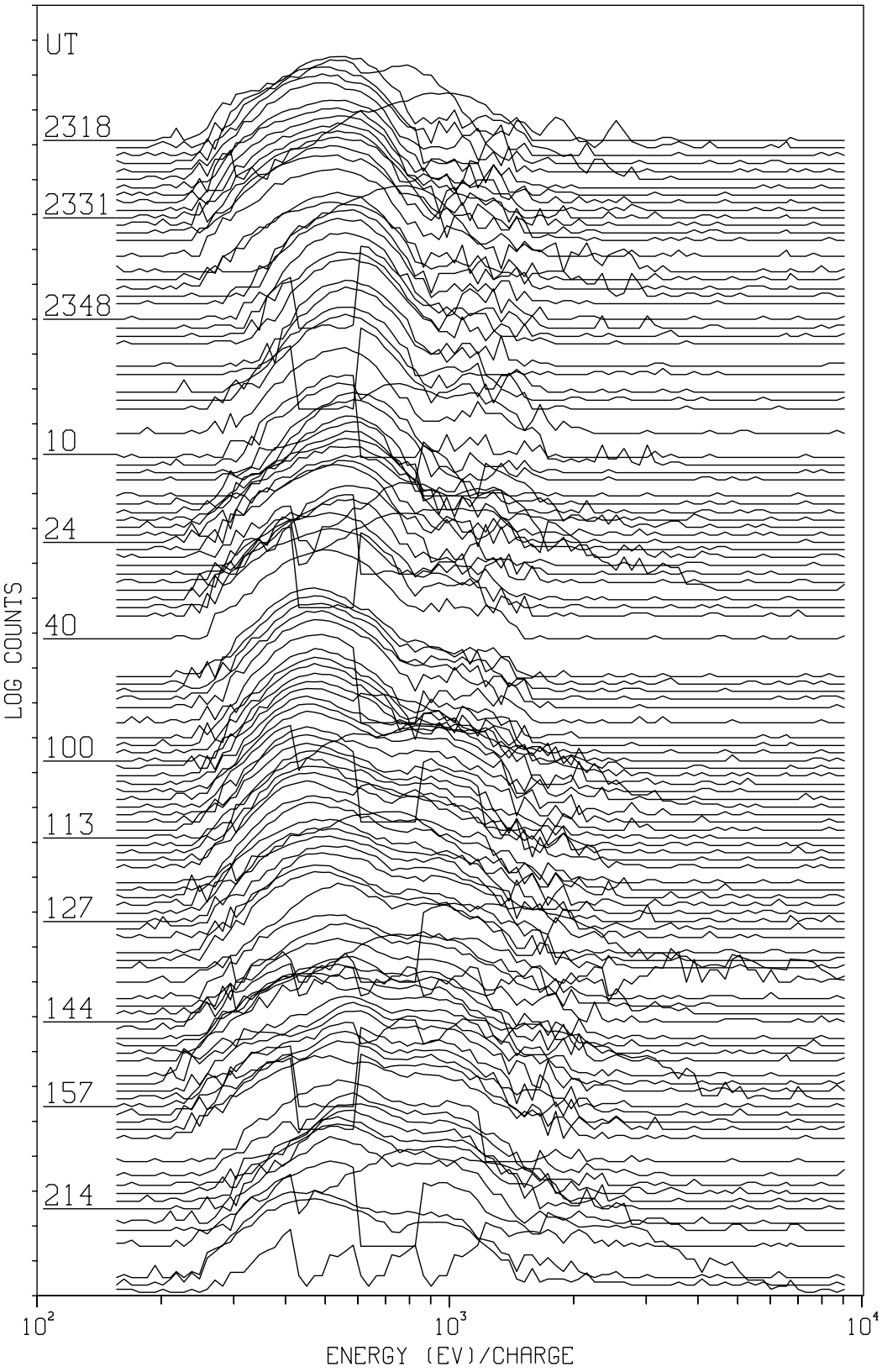

IMP-8 990322 FILE 47 REC 57
(START) RADIUS (RE) 0.89 MS-LAT/LONG 5.65 68.16 SE-LAT/LONG-24.58 65.97
(END) RADIUS (RE) 0.89 MS-LAT/LONG 6.83 71.00 SE-LAT/LONG-26.25 68.87
H+ He O Si Fe
UT
2007
2025
2043
2100
2112
2125
2139
2156
2211
2229
2257
LOG COUNTS
10^2
10^3
10^4
ENERGY (EV)/CHARGE

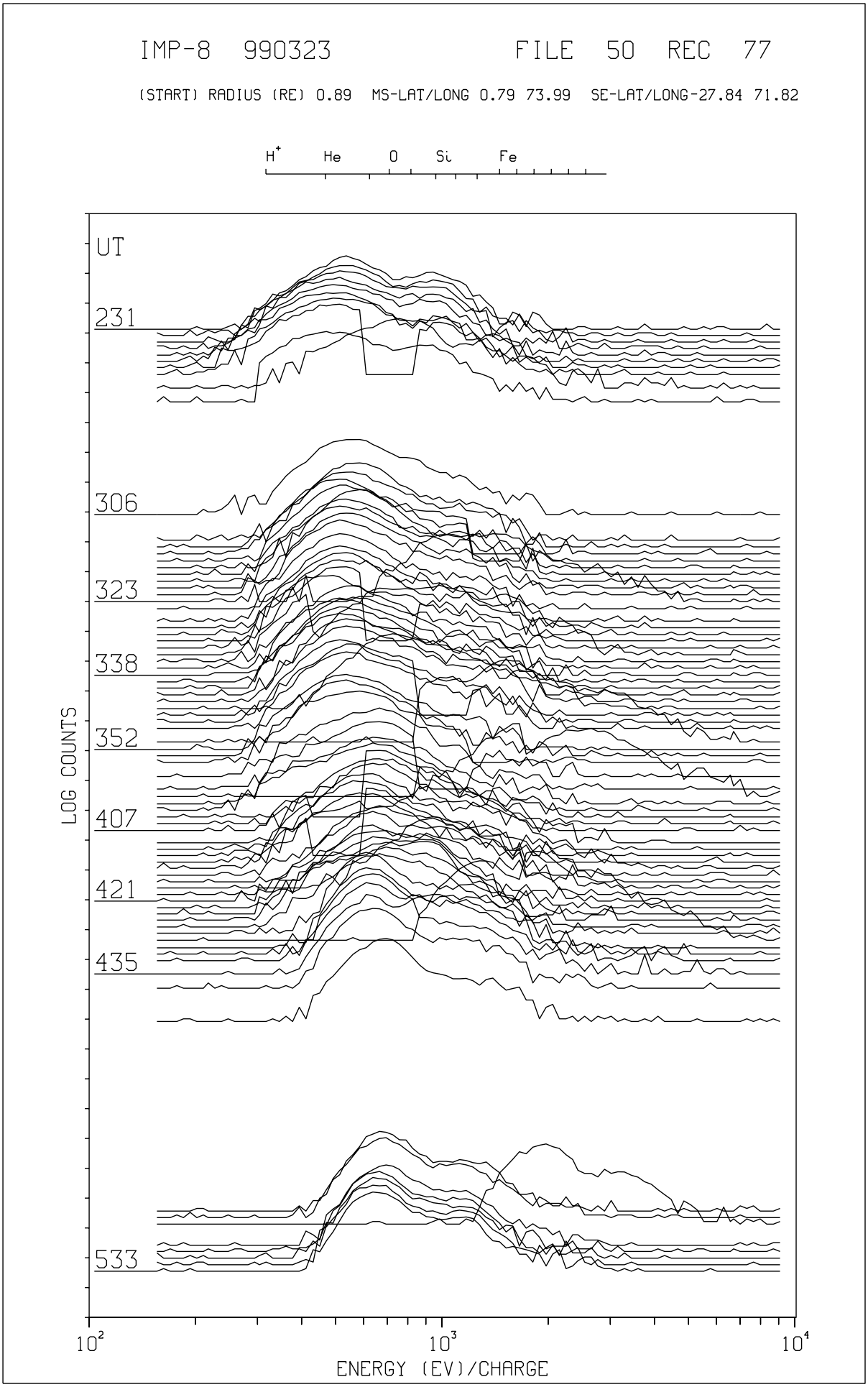
IMP-8 990322 FILE 49 REC 17

(START) RADIUS (RE) 0.89 MS-LAT/LONG 6.83 71.00 SE-LAT/LONG-26.25 68.87

(END) RADIUS (RE) 0.89 MS-LAT/LONG 0.79 73.99 SE-LAT/LONG-27.84 71.82

H^+ He O Si Fe



IMP-8 990323 FILE 50 REC 77

(START) RADIUS (RE) 0.89 MS-LAT/LONG 0.79 73.99 SE-LAT/LONG-27.84 71.82