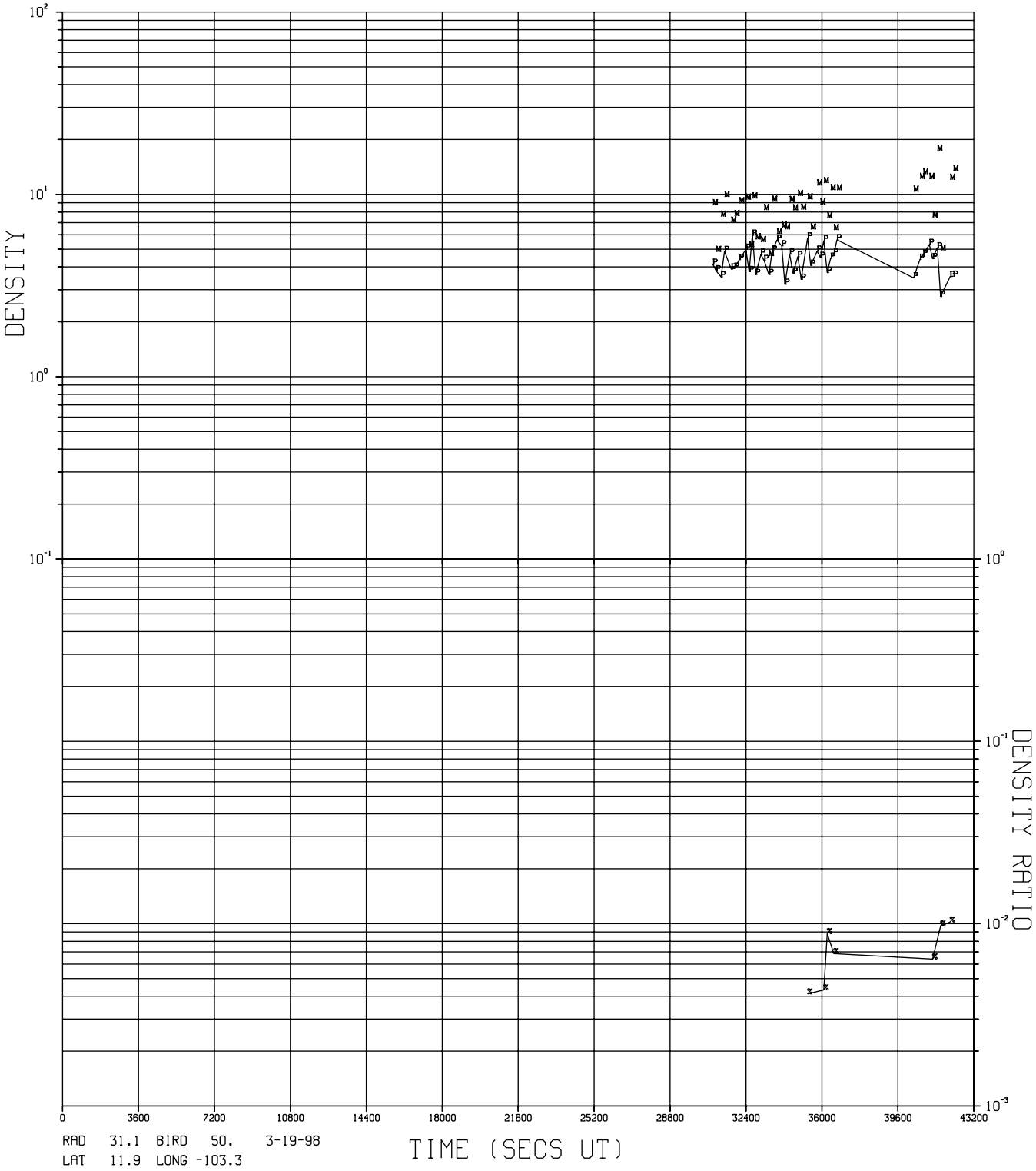
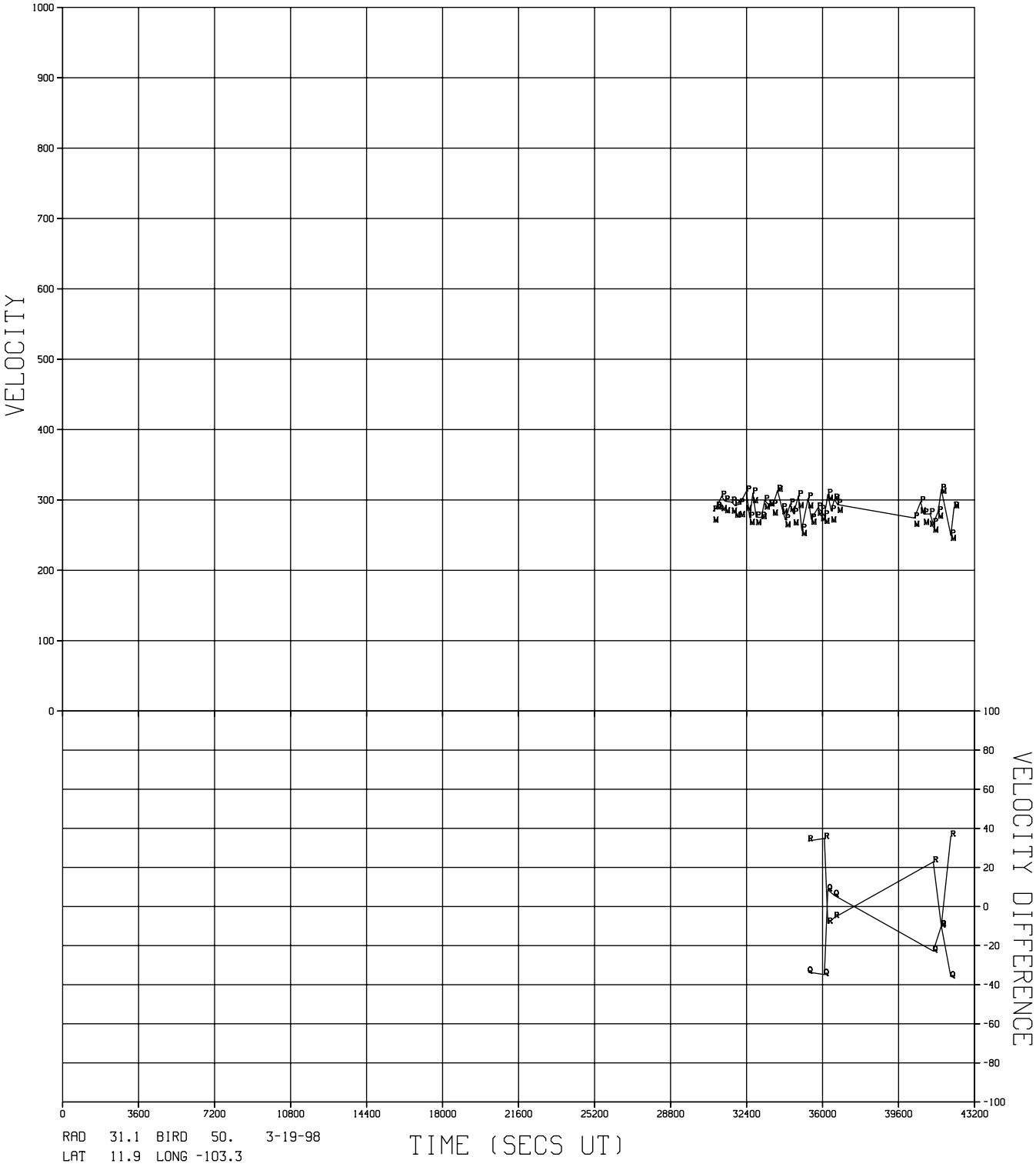
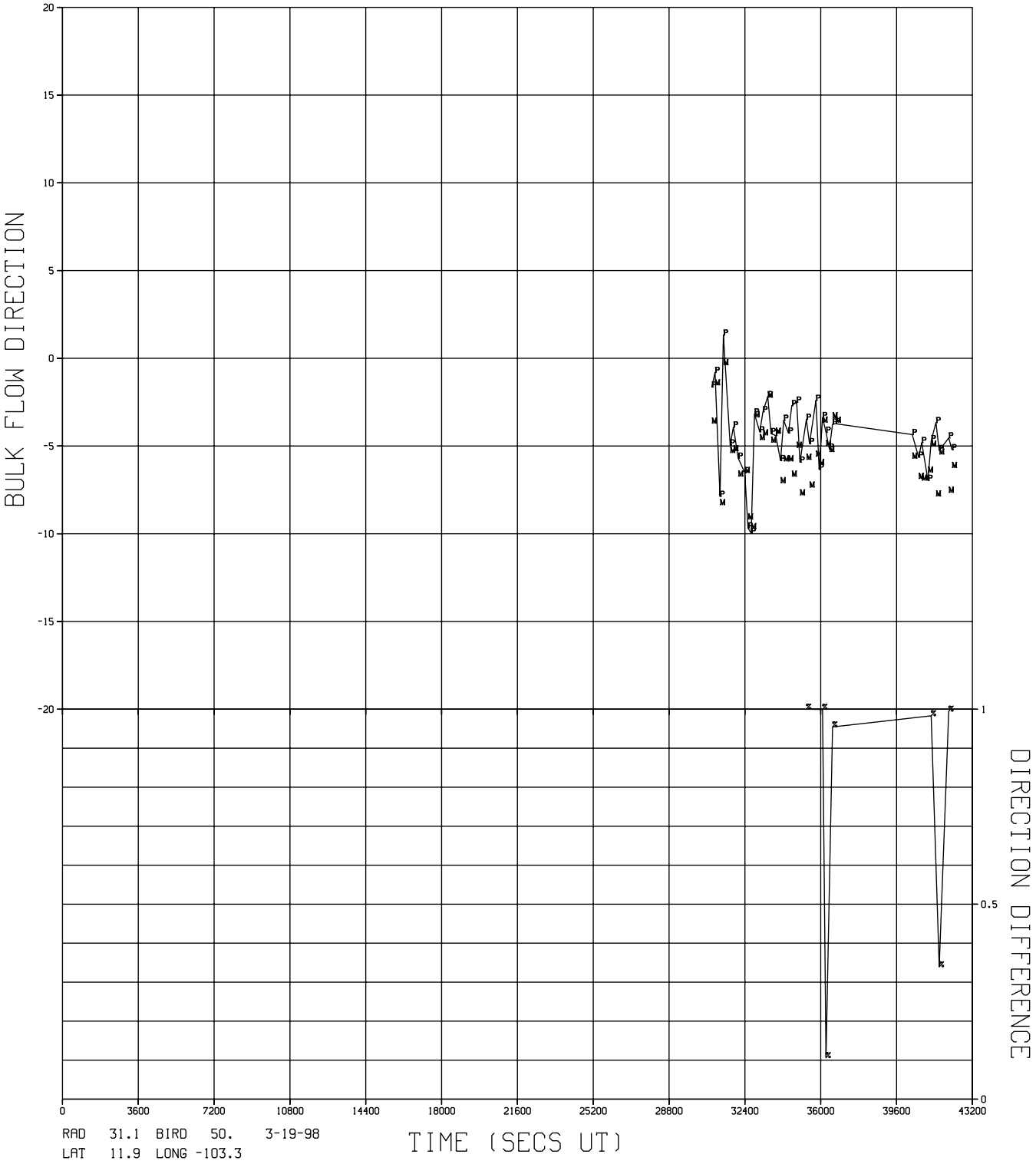
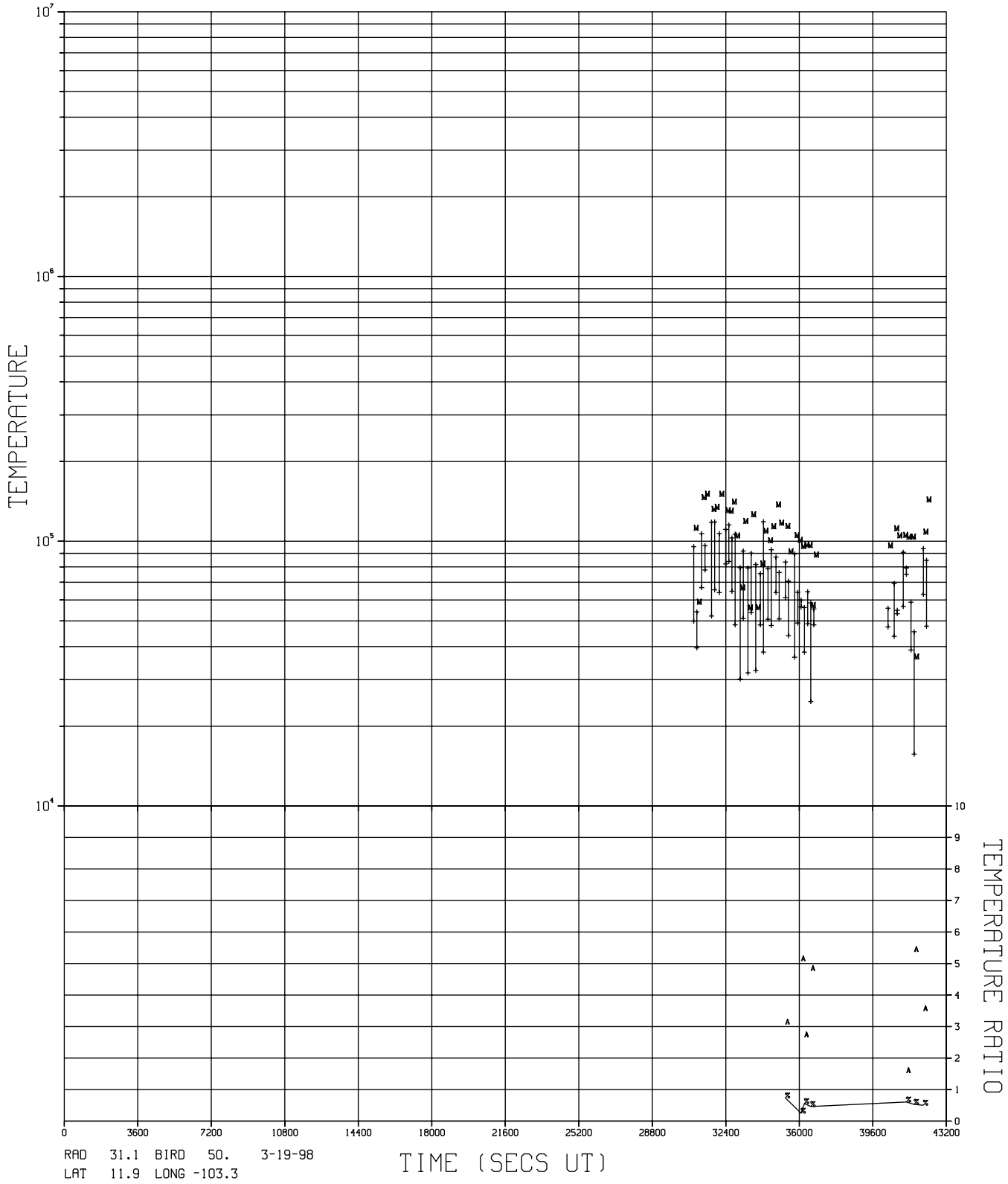
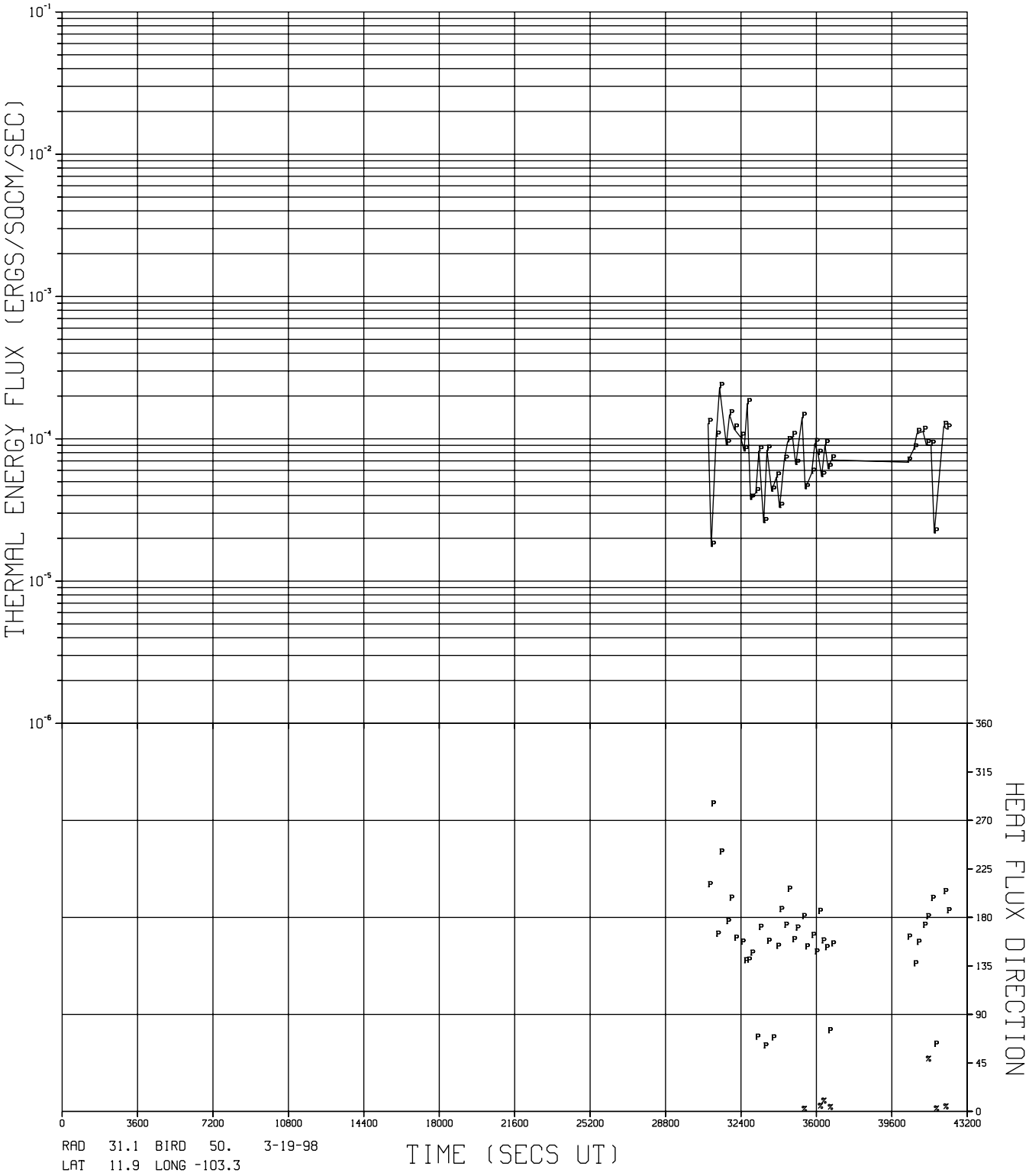
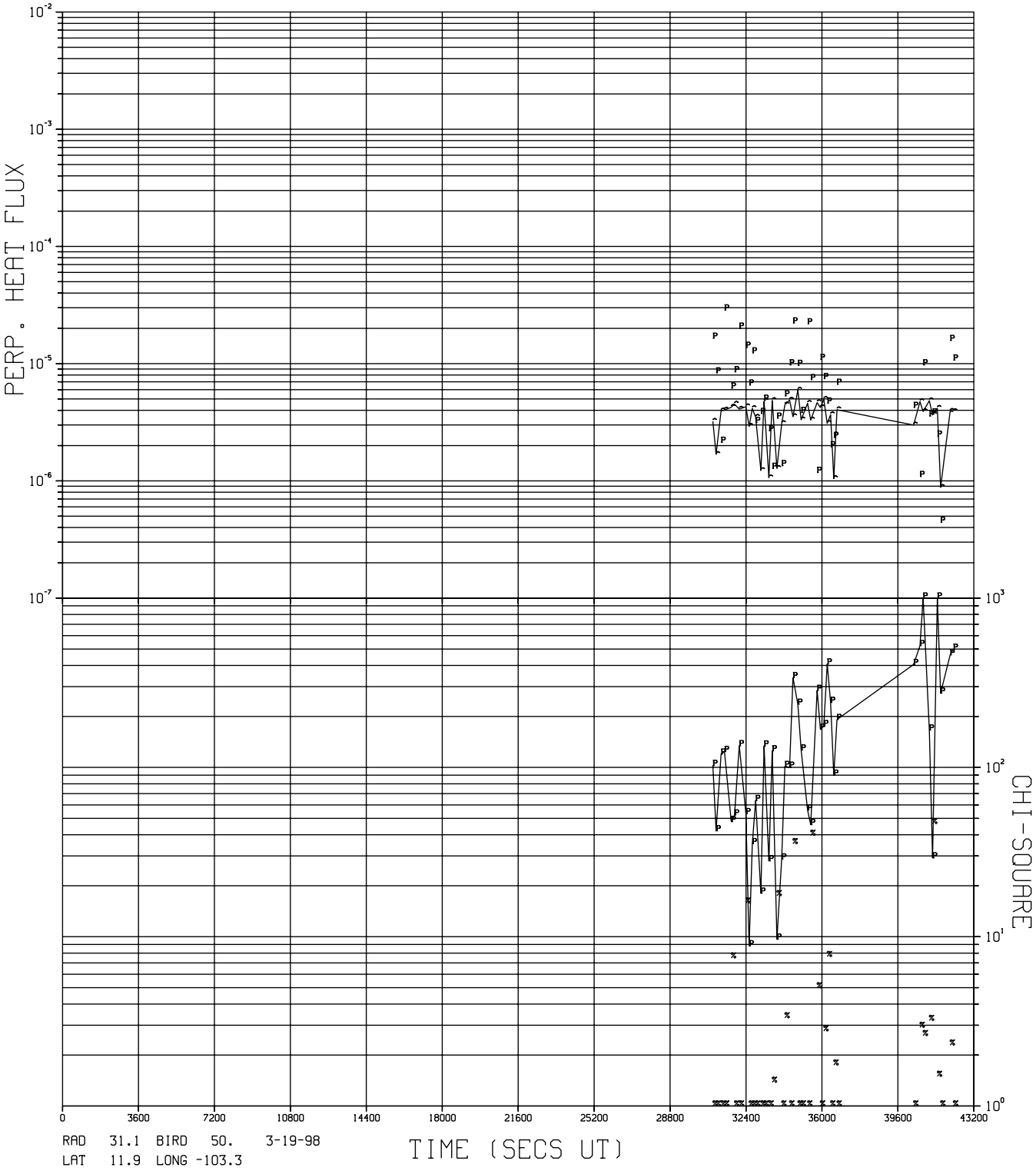

DENSITY
DENSITY RATIO
TIME (SECS UT)
0
3600
7200
10800
14400
18000
21600
25200
28800
32400
36000
39600
43200
RAD 31.1 BIRD 50. 3-19-98
LAT 11.9 LONG -103.3

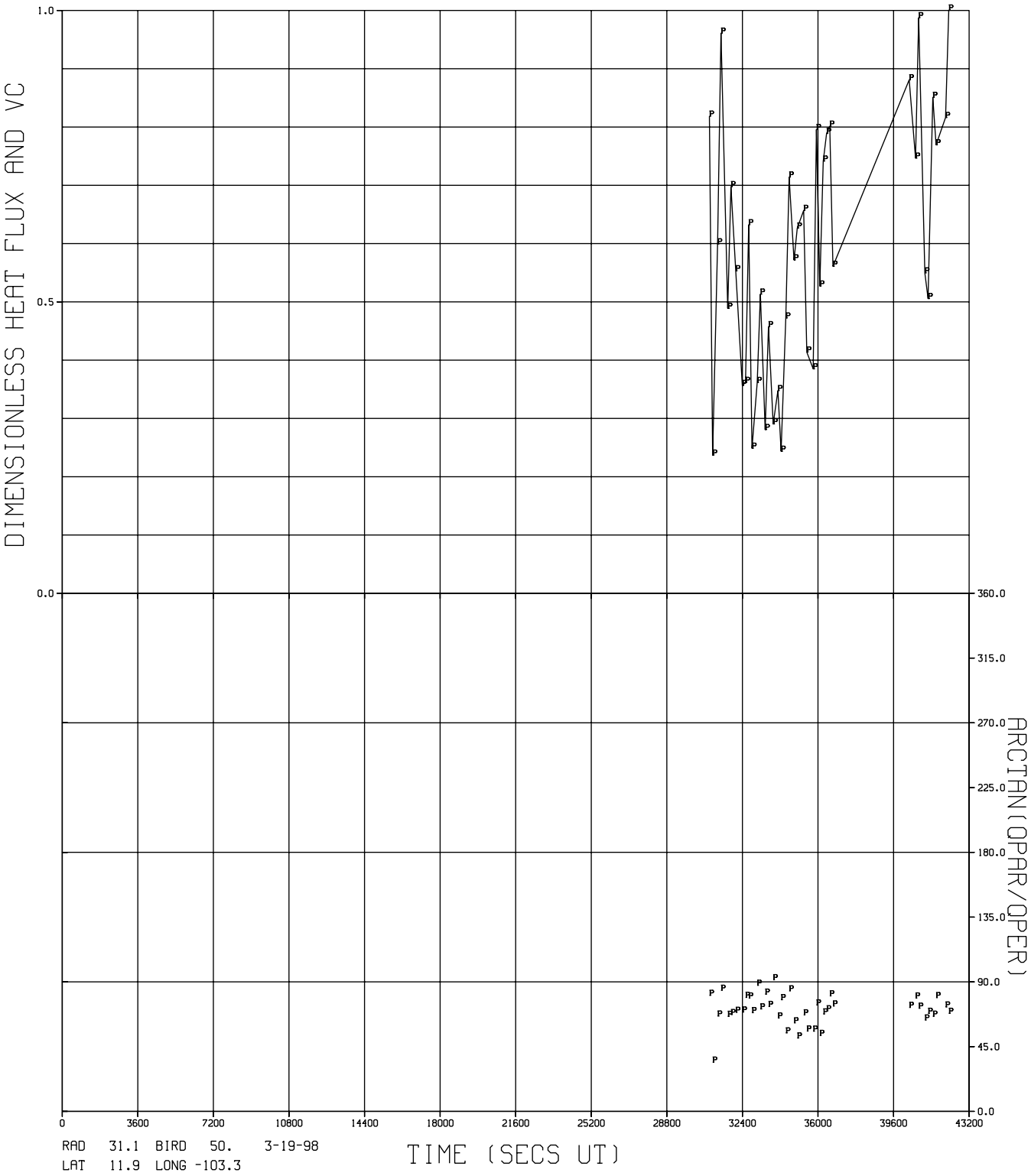

VELOCITY
VELOCITY DIFFERENCE
TIME (SECS UT)
RAD 31.1 BIRD 50. 3-19-98
LAT 11.9 LONG -103.3

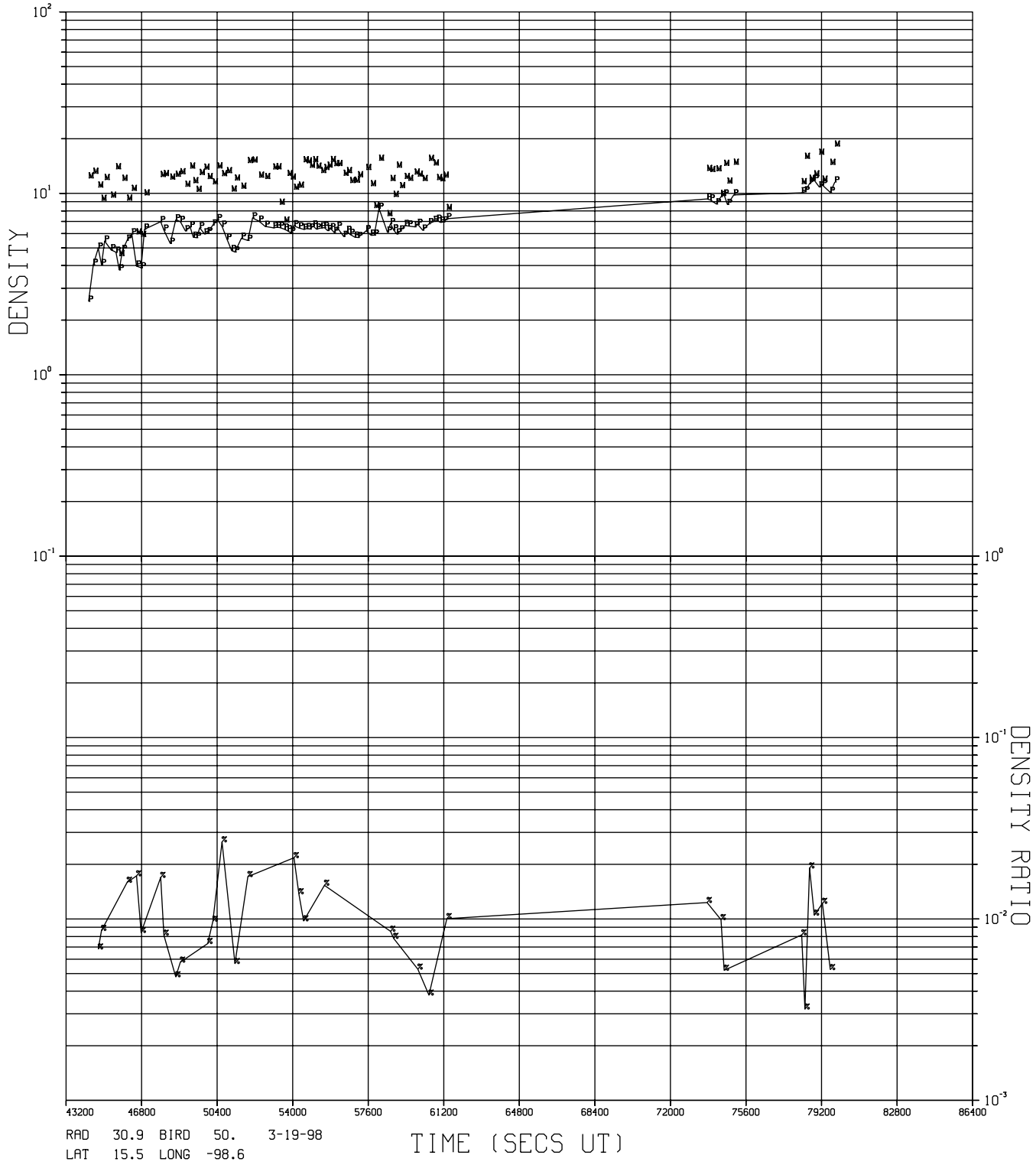

BULK FLOW DIRECTION
DIRECTION DIFFERENCE
TIME (SECS UT)
20
15
10
5
0
-5
-10
-15
-20
1
0.5
0
0
3600
7200
10800
14400
18000
21600
25200
28800
32400
36000
39600
43200
RAD 31.1 BIRD 50. 3-19-98
LAT 11.9 LONG -103.3

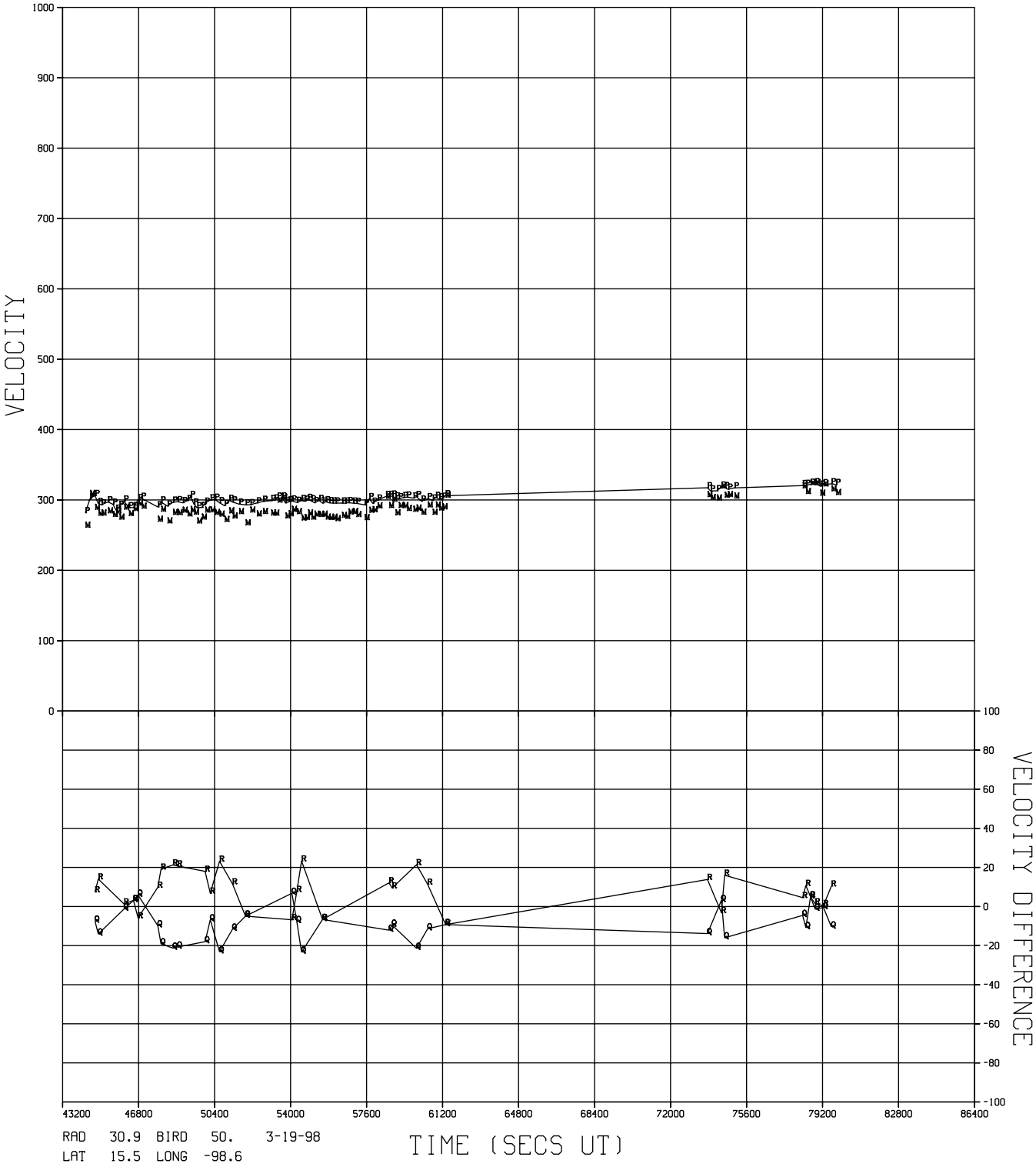

TEMPERATURE
TEMPERATURE RATIO
TIME (SECS UT)
RAD 31.1 BIRD 50. 3-19-98
LAT 11.9 LONG -103.3

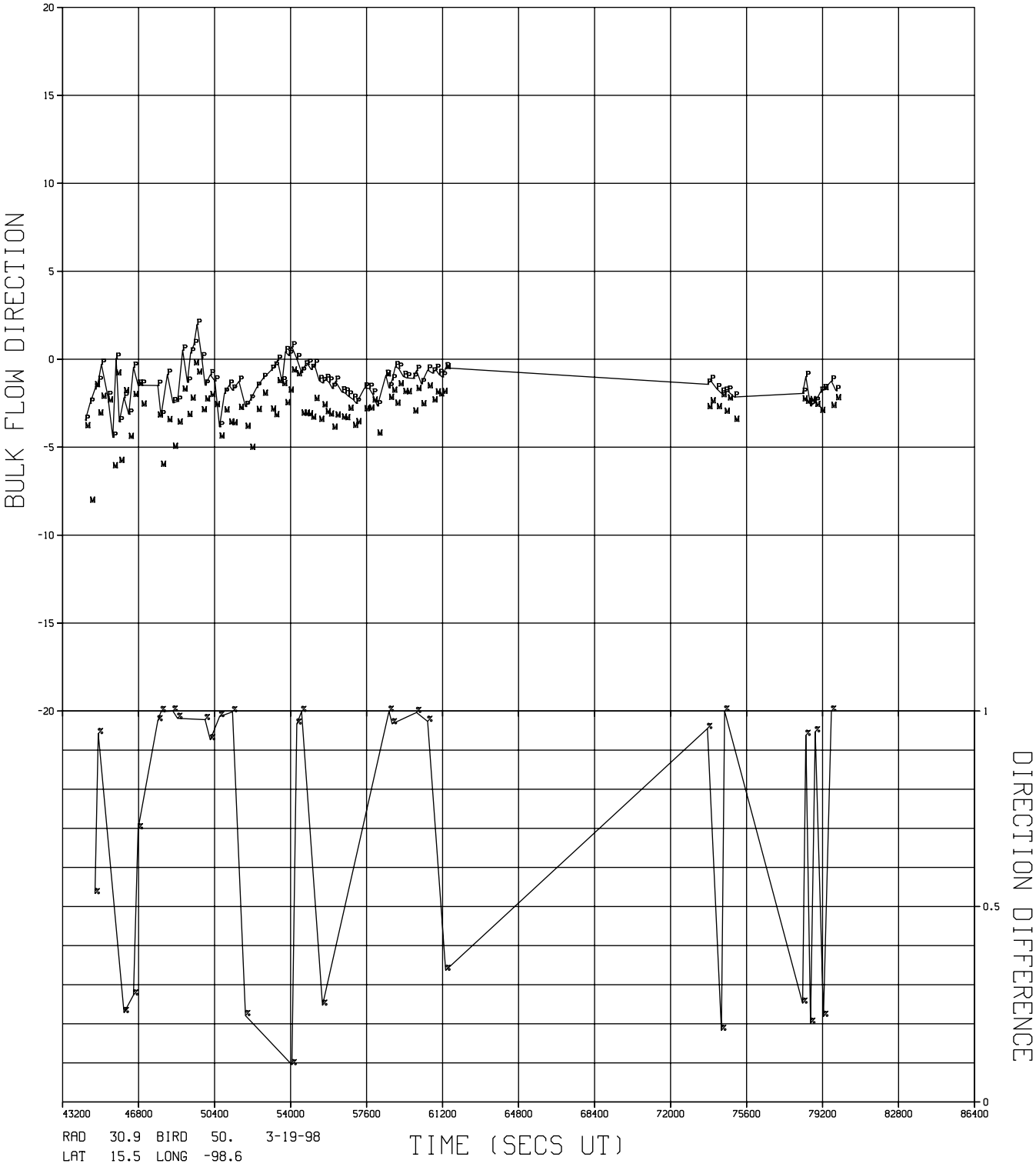

THERMAL ENERGY FLUX (ERGS/SQCM/SEC)
HEAT FLUX DIRECTION
TIME (SECS UT)
RAD 31.1 BIRD 50. 3-19-98
LAT 11.9 LONG -103.3

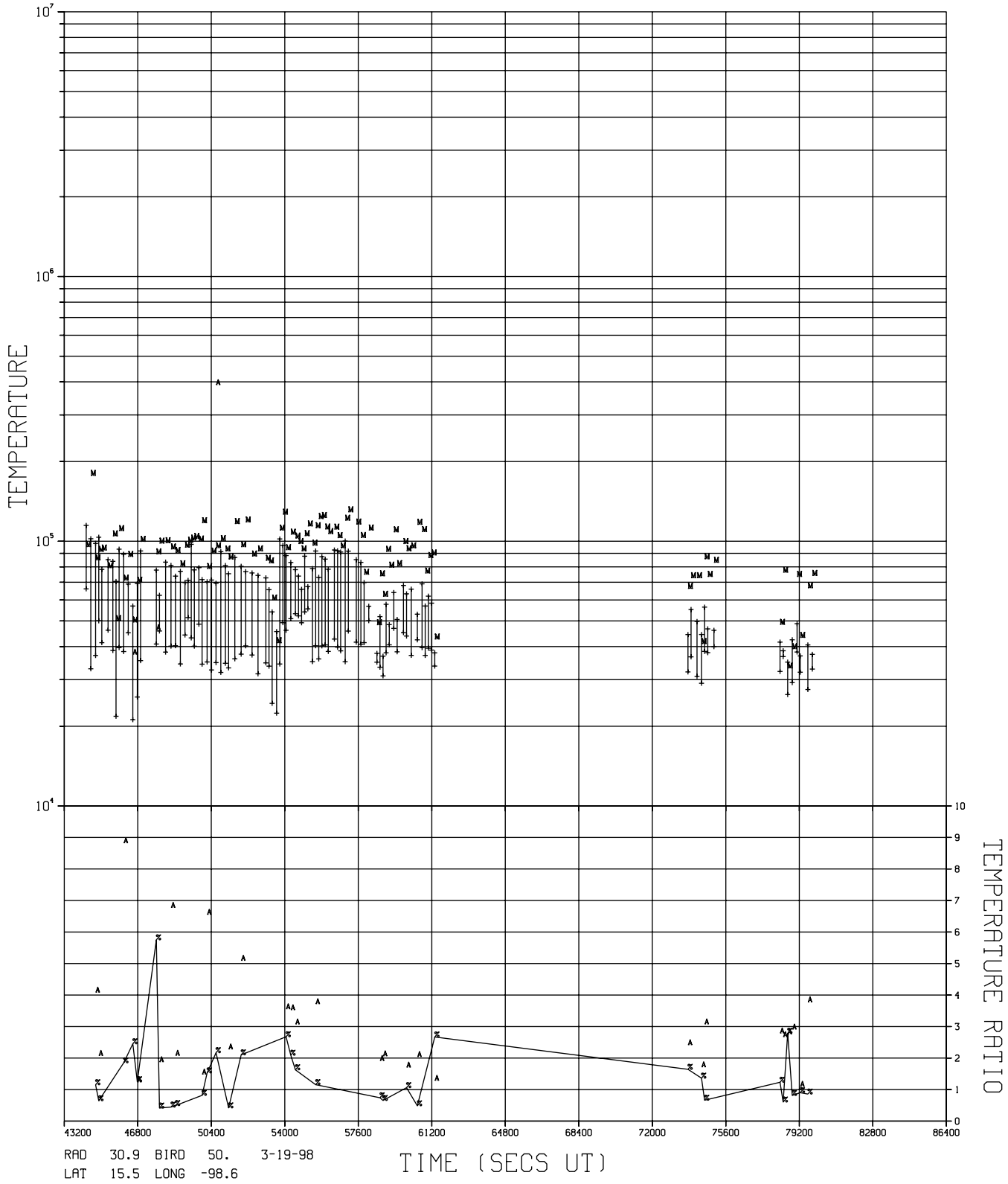

PERP. HEAT FLUX
CHI-SQUARE
TIME (SECS UT)
RAD 31.1 BIRD 50. 3-19-98
LAT 11.9 LONG -103.3

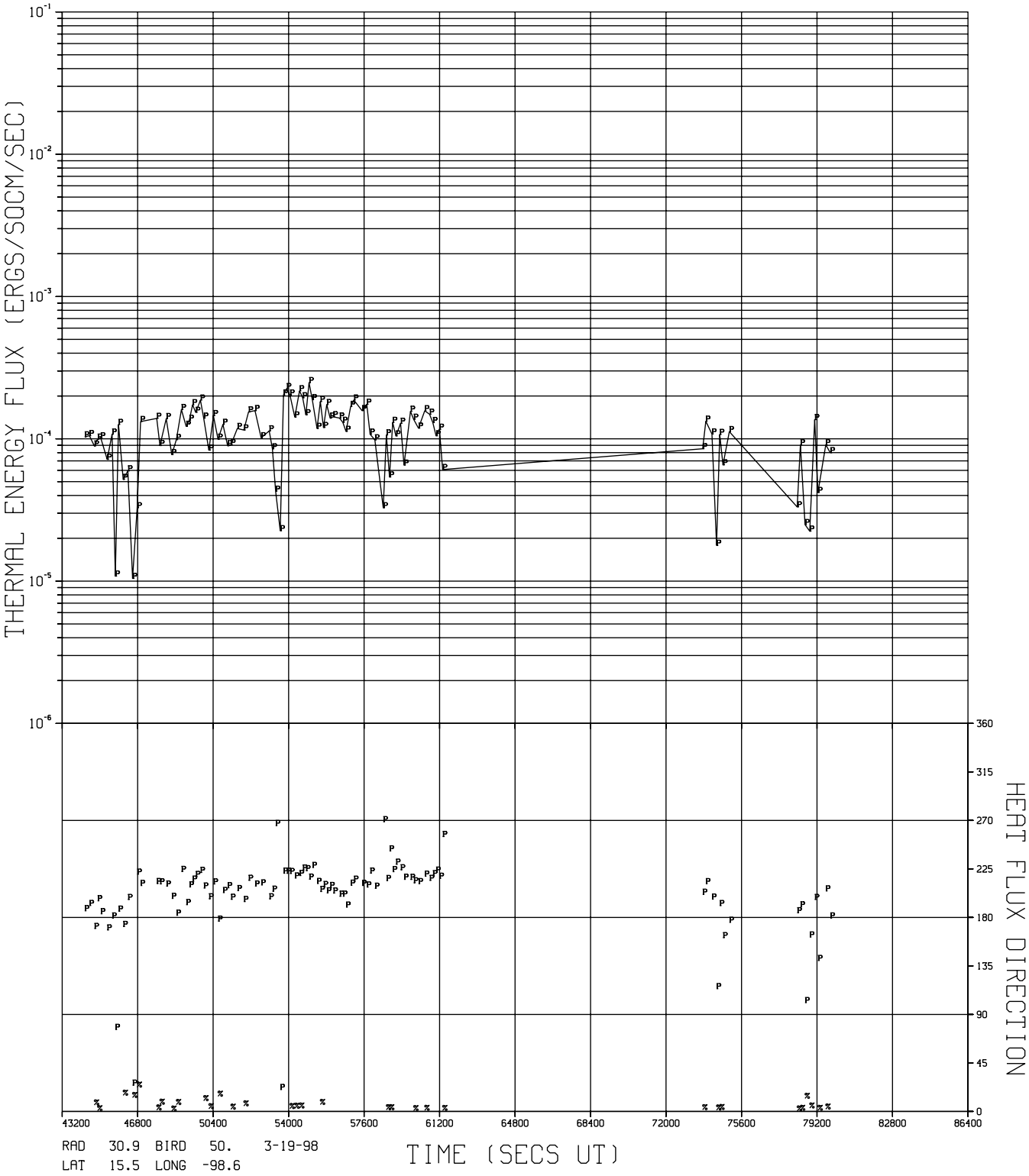

DIMENSIONLESS HEAT FLUX AND VC
1.0
0.5
0.0
ARCTAN(QPAR/QPER)
360.0
315.0
270.0
225.0
180.0
135.0
90.0
45.0
0.0
0
3600
7200
10800
14400
18000
21600
25200
28800
32400
36000
39600
43200
TIME (SECS UT)
RAD 31.1 BIRD 50. 3-19-98
LAT 11.9 LONG -103.3

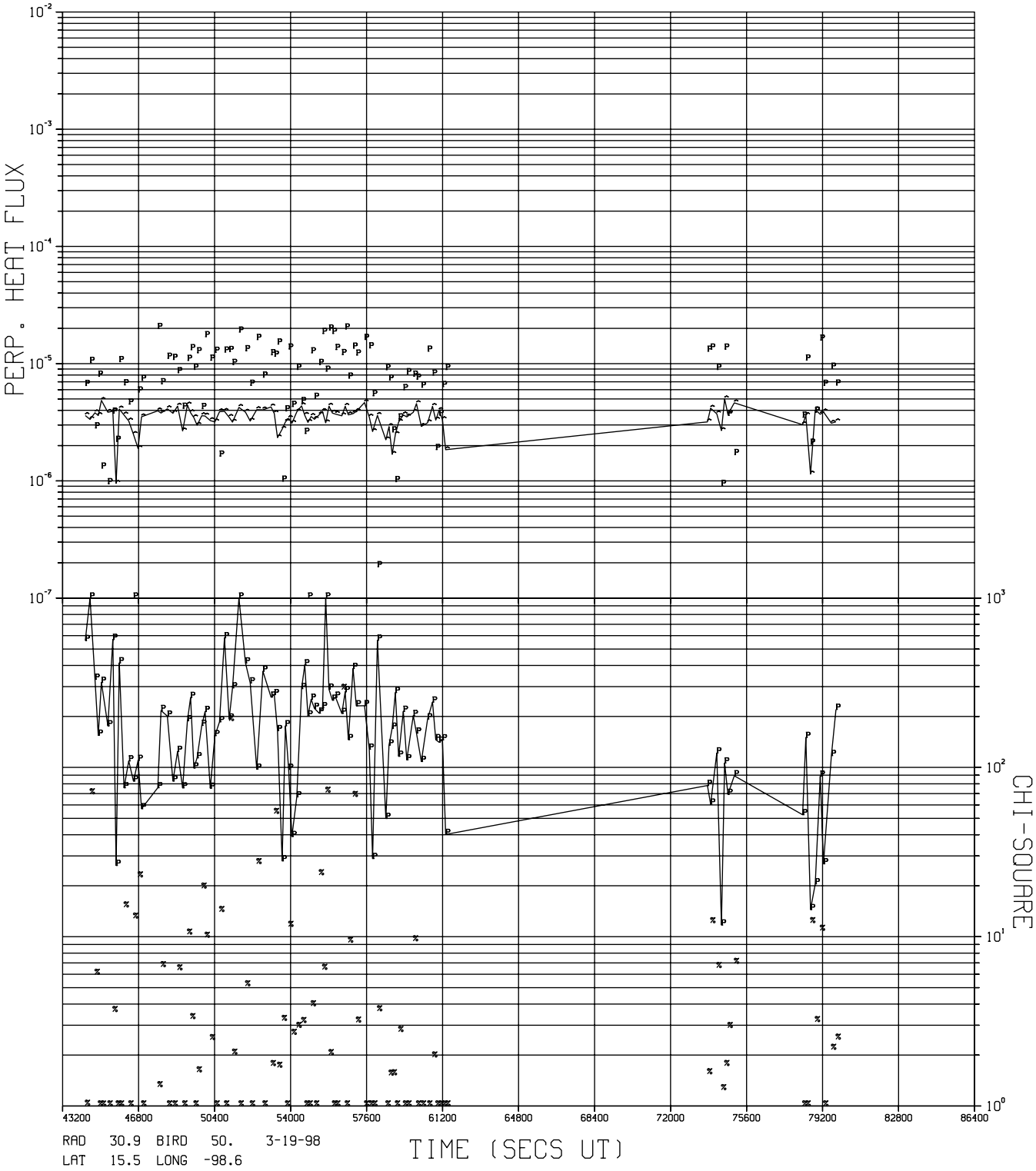

DENSITY
DENSITY RATIO
TIME (SECS UT)
10^2
10^1
10^0
10^{-1}
10^{-2}
10^{-3}
43200
46800
50400
54000
57600
61200
64800
68400
72000
75600
79200
82800
86400
RAD 30.9 BIRD 50. 3-19-98
LAT 15.5 LONG -98.6

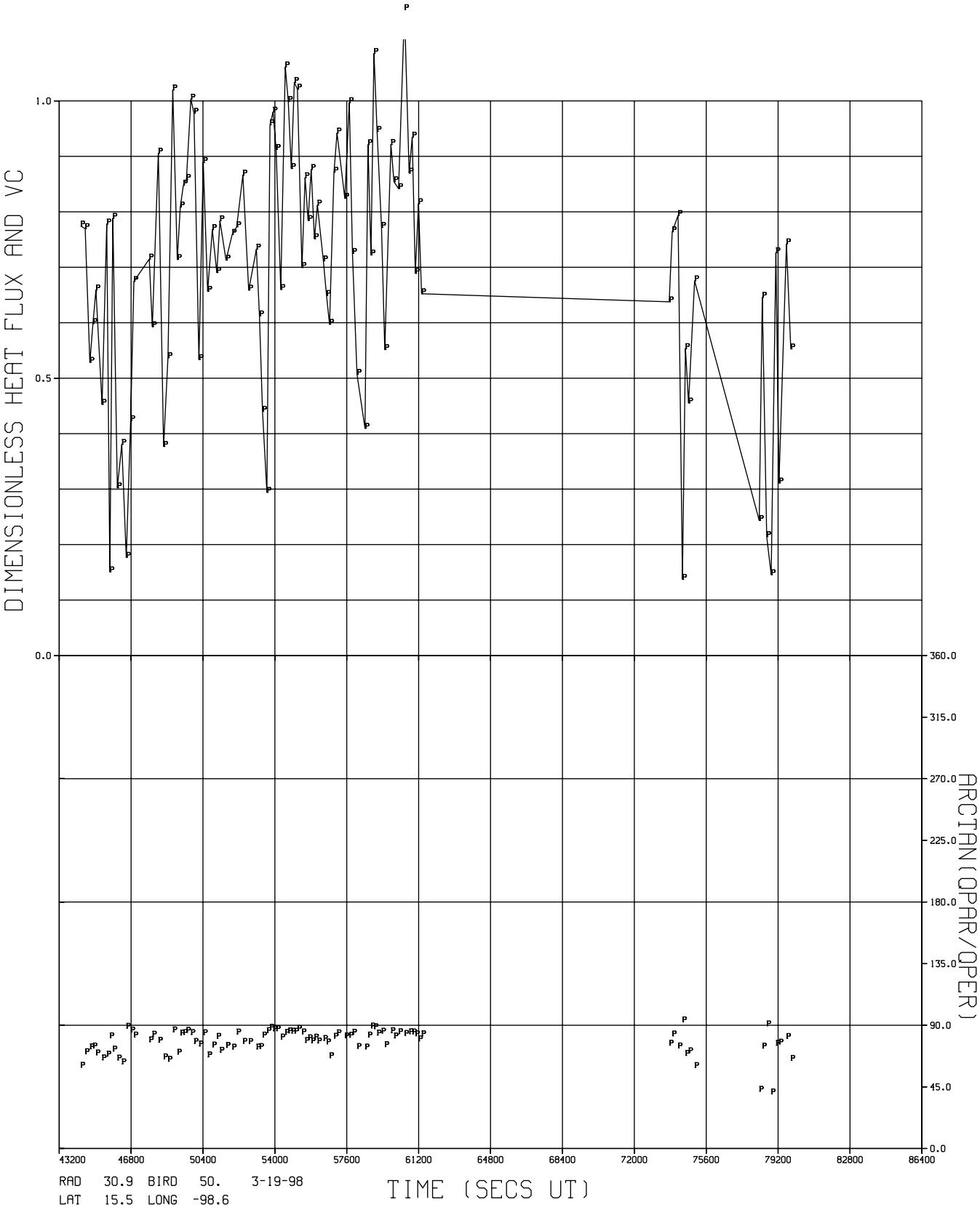

VELOCITY
VELOCITY DIFFERENCE
TIME (SECS UT)
RAD 30.9 BIRD 50. 3-19-98
LAT 15.5 LONG -98.6

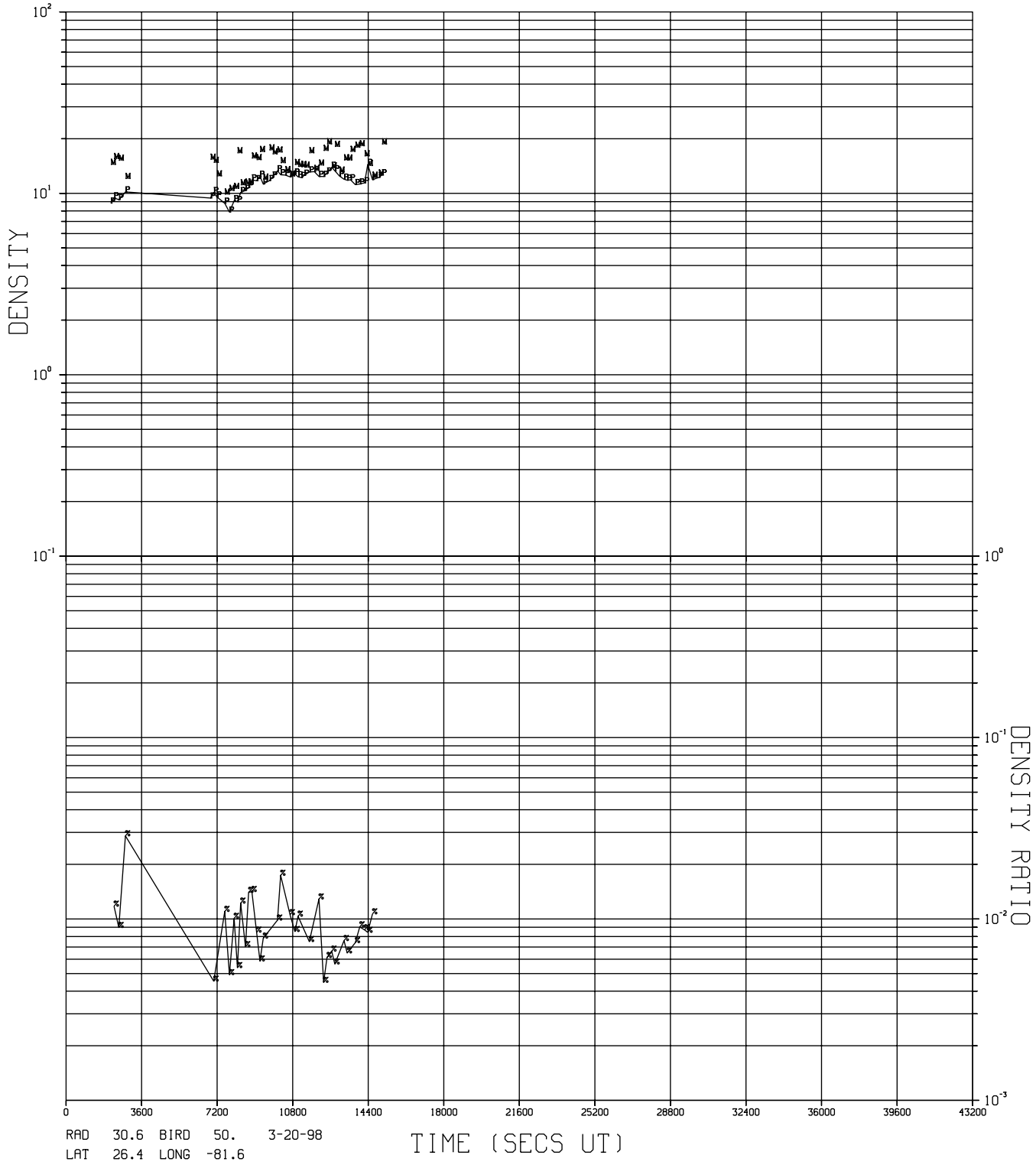

BULK FLOW DIRECTION
DIRECTION DIFFERENCE
TIME (SECS UT)
20
15
10
5
0
-5
-10
-15
-20
1
0.5
0
43200
46800
50400
54000
57600
61200
64800
68400
72000
75600
79200
82800
86400
RAD 30.9 BIRD 50. 3-19-98
LAT 15.5 LONG -98.6

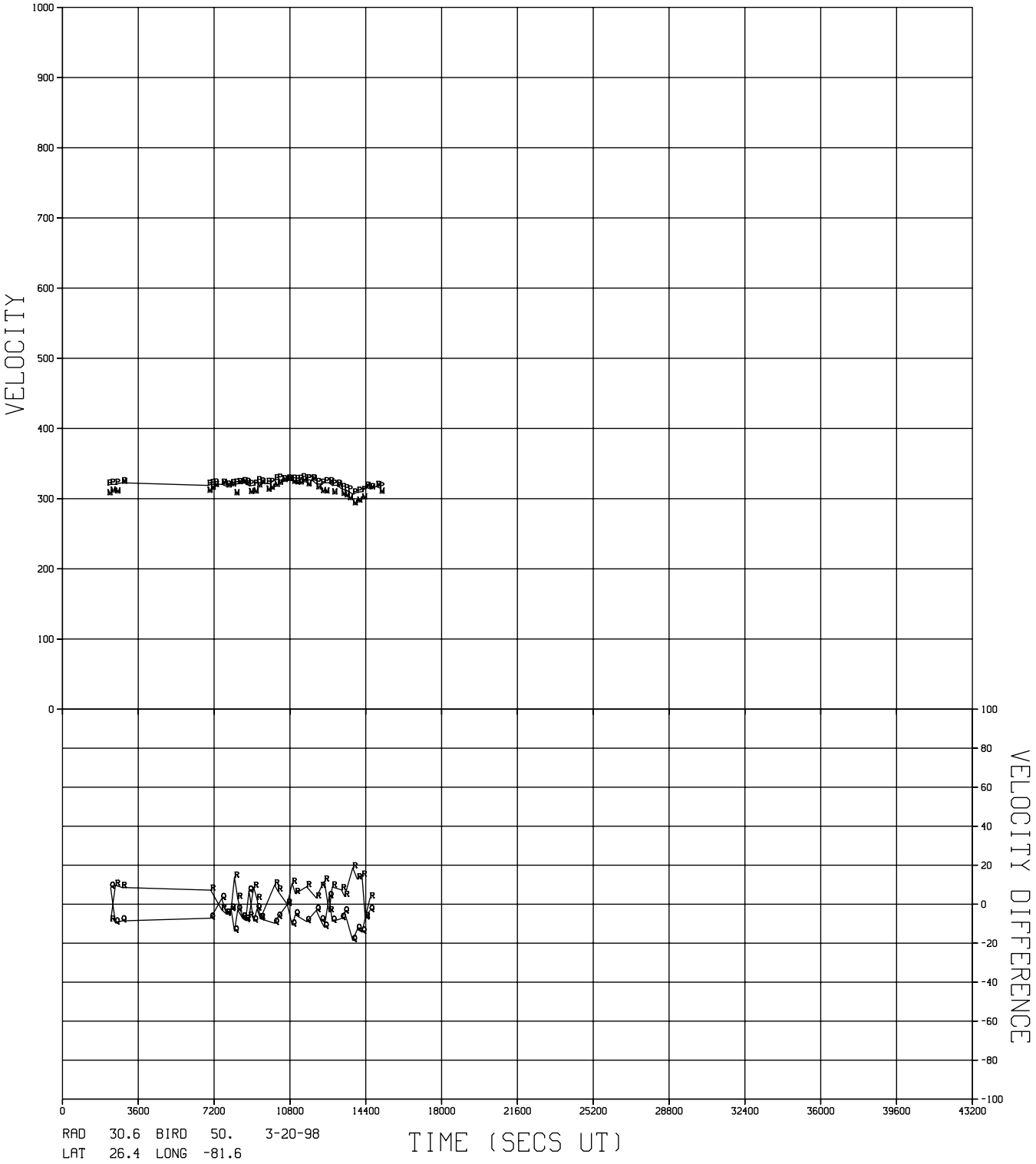

TEMPERATURE
TEMPERATURE RATIO
TIME (SECS UT)
RAD 30.9 BIRD 50. 3-19-98
LAT 15.5 LONG -98.6

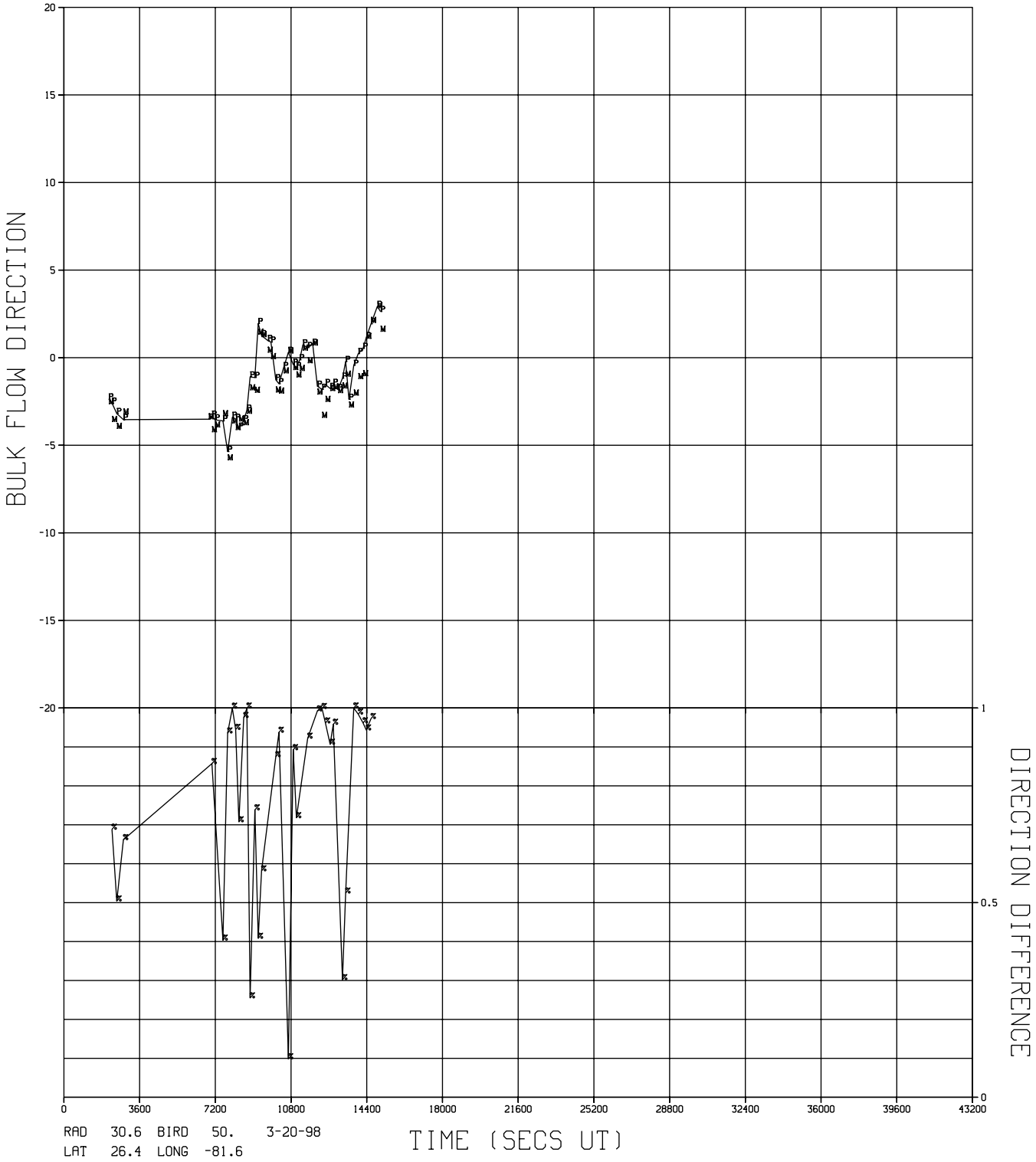

THERMAL ENERGY FLUX (ERGS/SQCM/SEC)
HEAT FLUX DIRECTION
TIME (SECS UT)
RAD 30.9 BIRD 50. 3-19-98
LAT 15.5 LONG -98.6

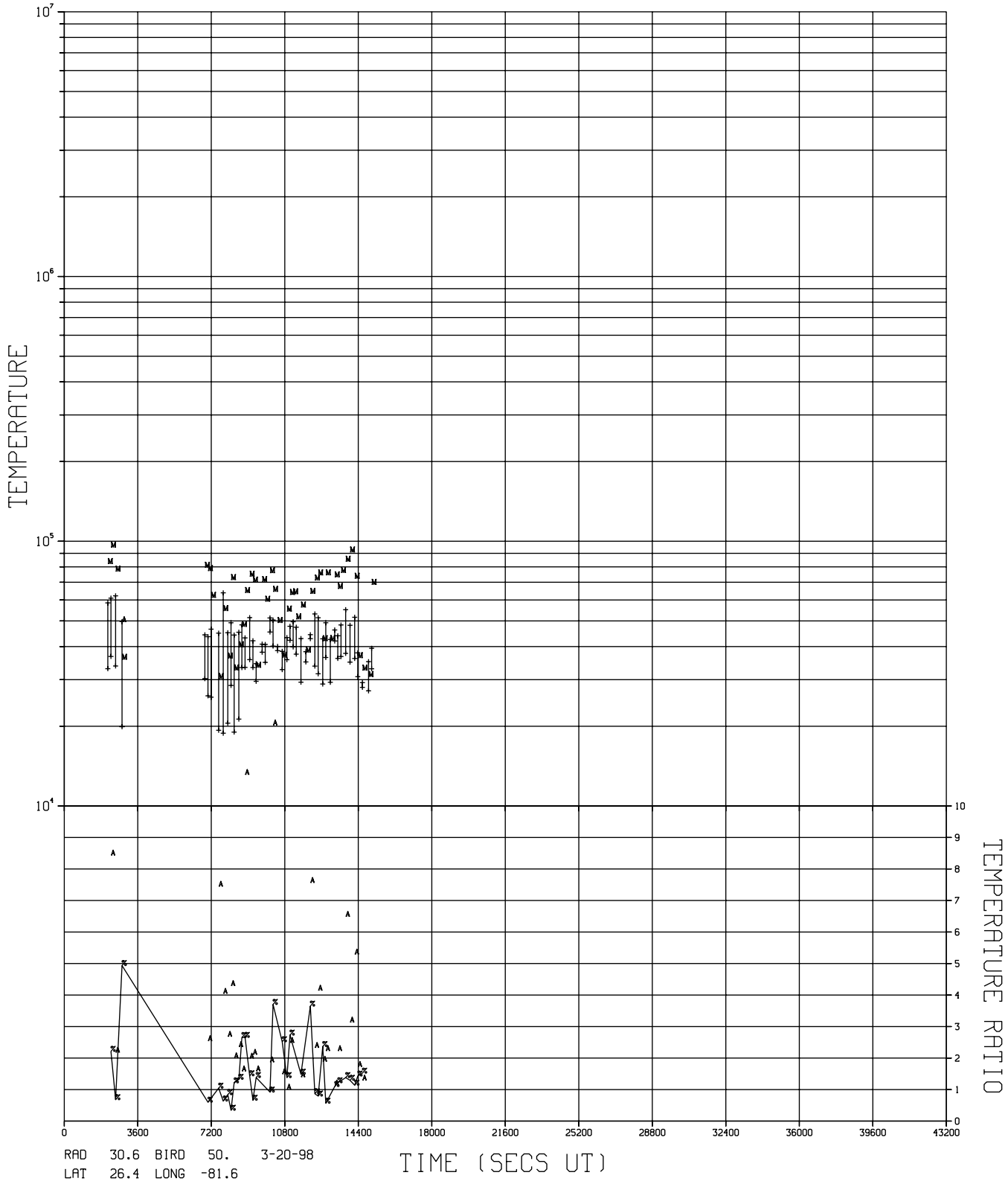

PERP. HEAT FLUX
CHI-SQUARE
TIME (SECS UT)
RAD 30.9 BIRD 50. 3-19-98
LAT 15.5 LONG -98.6

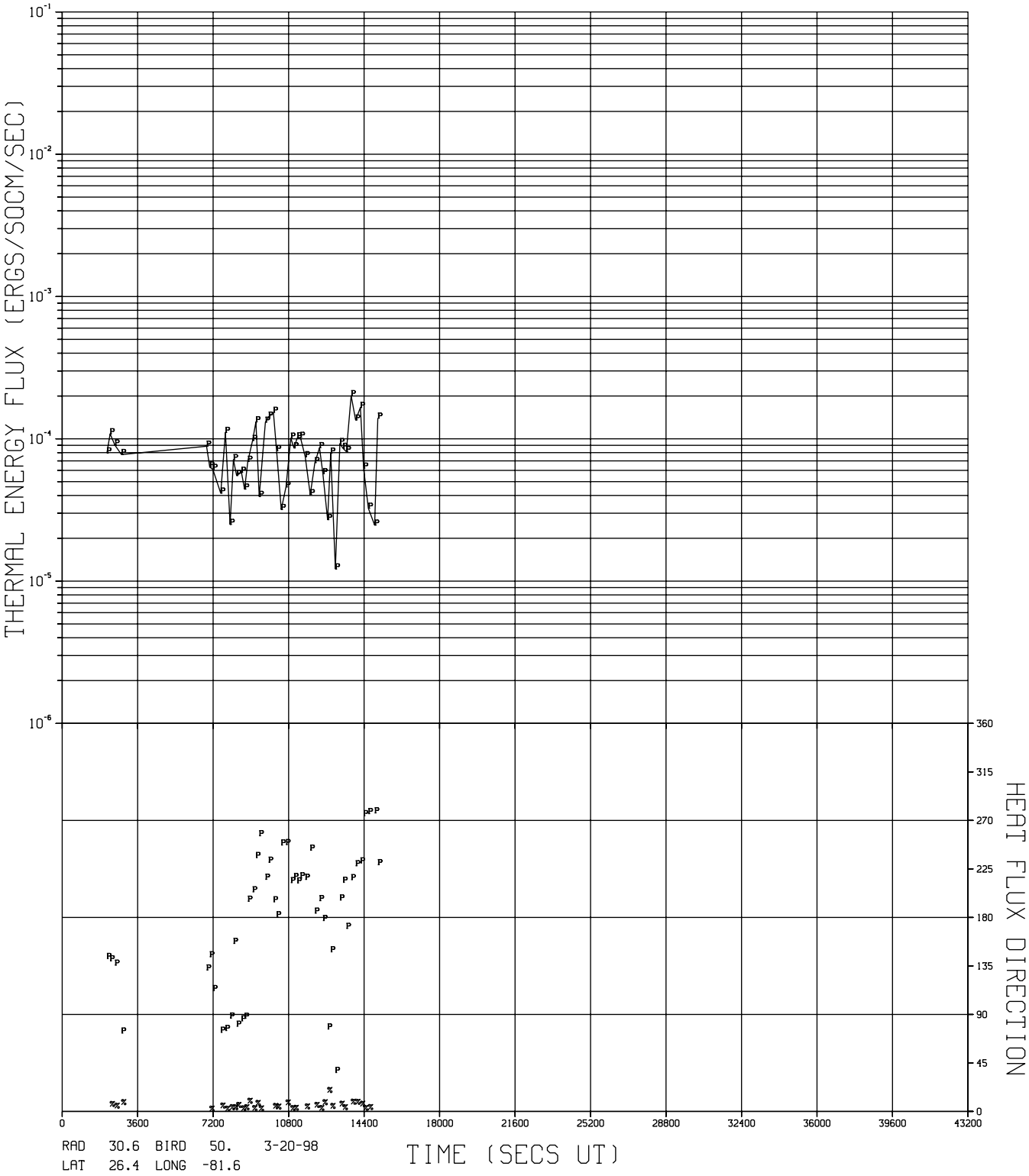

DIMENSIONLESS HEAT FLUX AND VC
1.0
0.5
0.0
ARCTAN(QPAR/QPER)
360.0
315.0
270.0
225.0
180.0
135.0
90.0
45.0
0.0
43200
46800
50400
54000
57600
61200
64800
68400
72000
75600
79200
82800
86400
TIME (SECS UT)
RAD 30.9 BIRD 50. 3-19-98
LAT 15.5 LONG -98.6

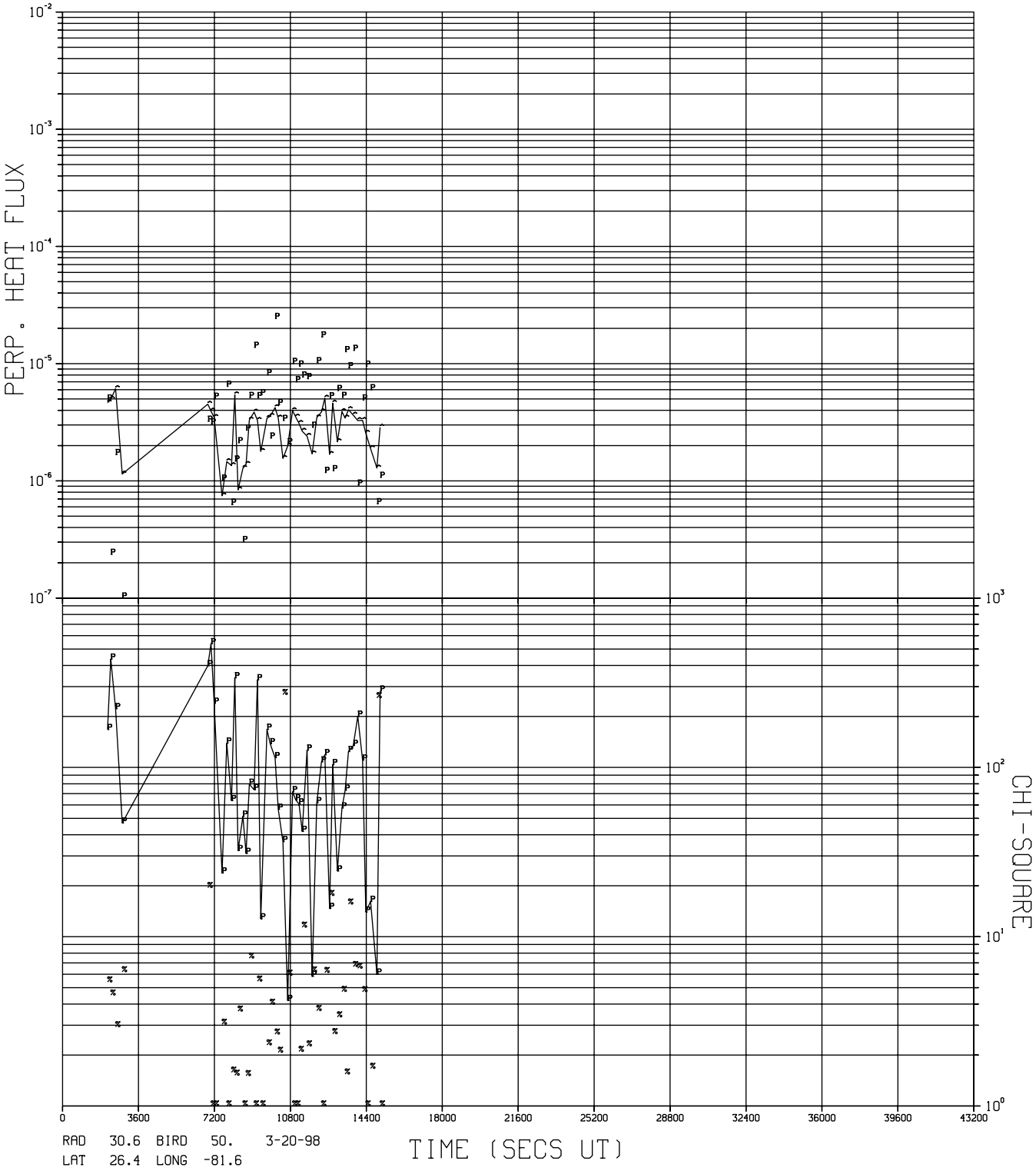

DENSITY
DENSITY RATIO
TIME (SECS UT)
RAD 30.6 BIRD 50. 3-20-98
LAT 26.4 LONG -81.6

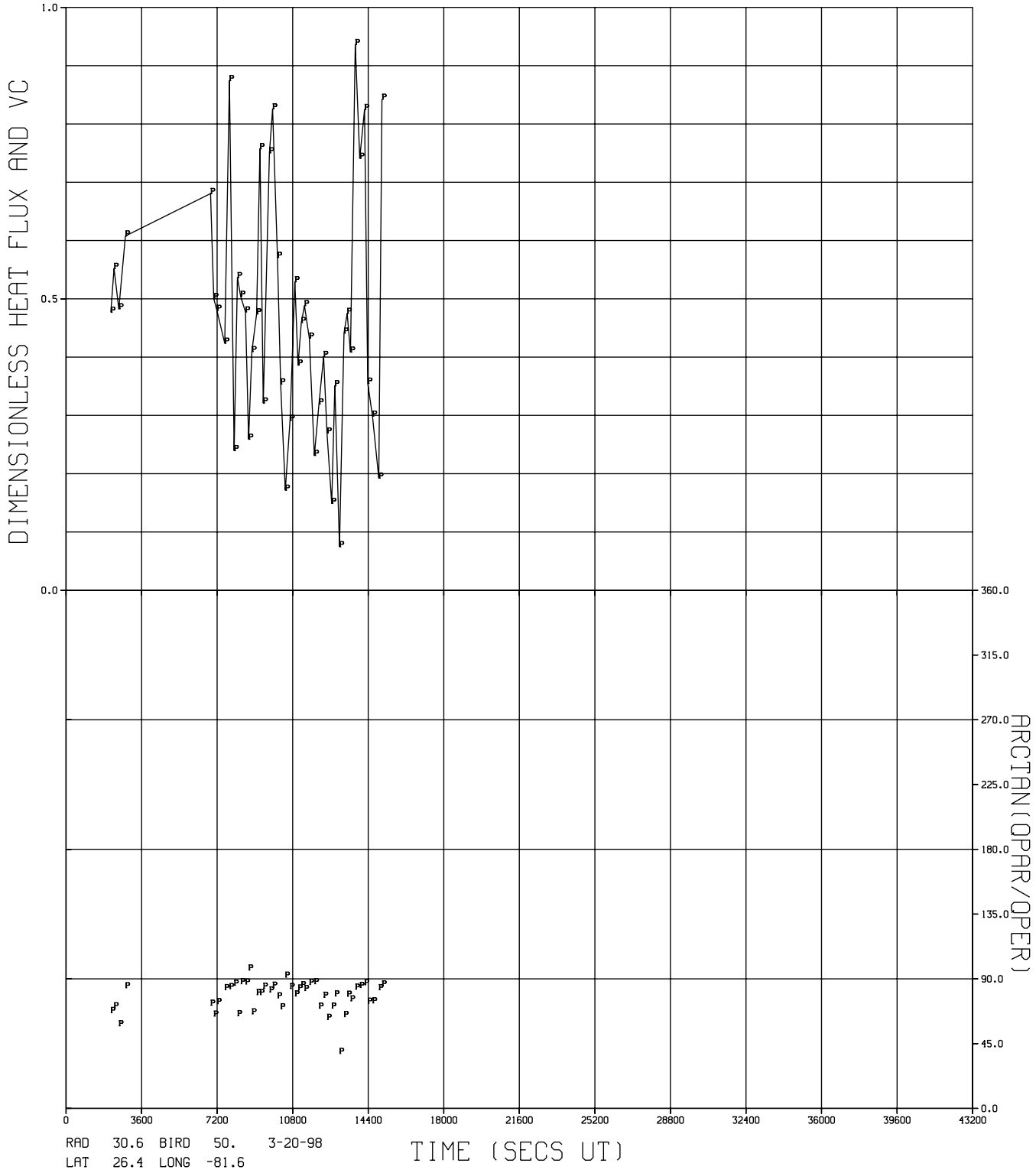

VELOCITY
VELOCITY DIFFERENCE
TIME (SECS UT)
RAD 30.6 BIRD 50. 3-20-98
LAT 26.4 LONG -81.6


BULK FLOW DIRECTION
DIRECTION DIFFERENCE
TIME (SECS UT)
20
15
10
5
0
-5
-10
-15
-20
1
0.5
0
0
3600
7200
10800
14400
18000
21600
25200
28800
32400
36000
39600
43200
RAD 30.6 BIRD 50. 3-20-98
LAT 26.4 LONG -81.6


TEMPERATURE
TEMPERATURE RATIO
TIME (SECS UT)
RAD 30.6 BIRD 50. 3-20-98
LAT 26.4 LONG -81.6


THERMAL ENERGY FLUX (ERGS/SQCM/SEC)
HEAT FLUX DIRECTION
TIME (SECS UT)
RAD 30.6 BIRD 50. 3-20-98
LAT 26.4 LONG -81.6


PERP. HEAT FLUX
CHI-SQUARE
TIME (SECS UT)
RAD 30.6 BIRD 50. 3-20-98
LAT 26.4 LONG -81.6


DIMENSIONLESS HEAT FLUX AND VC
1.0
0.5
0.0
ARCTAN(QPAR/QPER)
360.0
315.0
270.0
225.0
180.0
135.0
90.0
45.0
0.0
0
3600
7200
10800
14400
18000
21600
25200
28800
32400
36000
39600
43200
TIME (SECS UT)
RAD 30.6 BIRD 50. 3-20-98
LAT 26.4 LONG -81.6