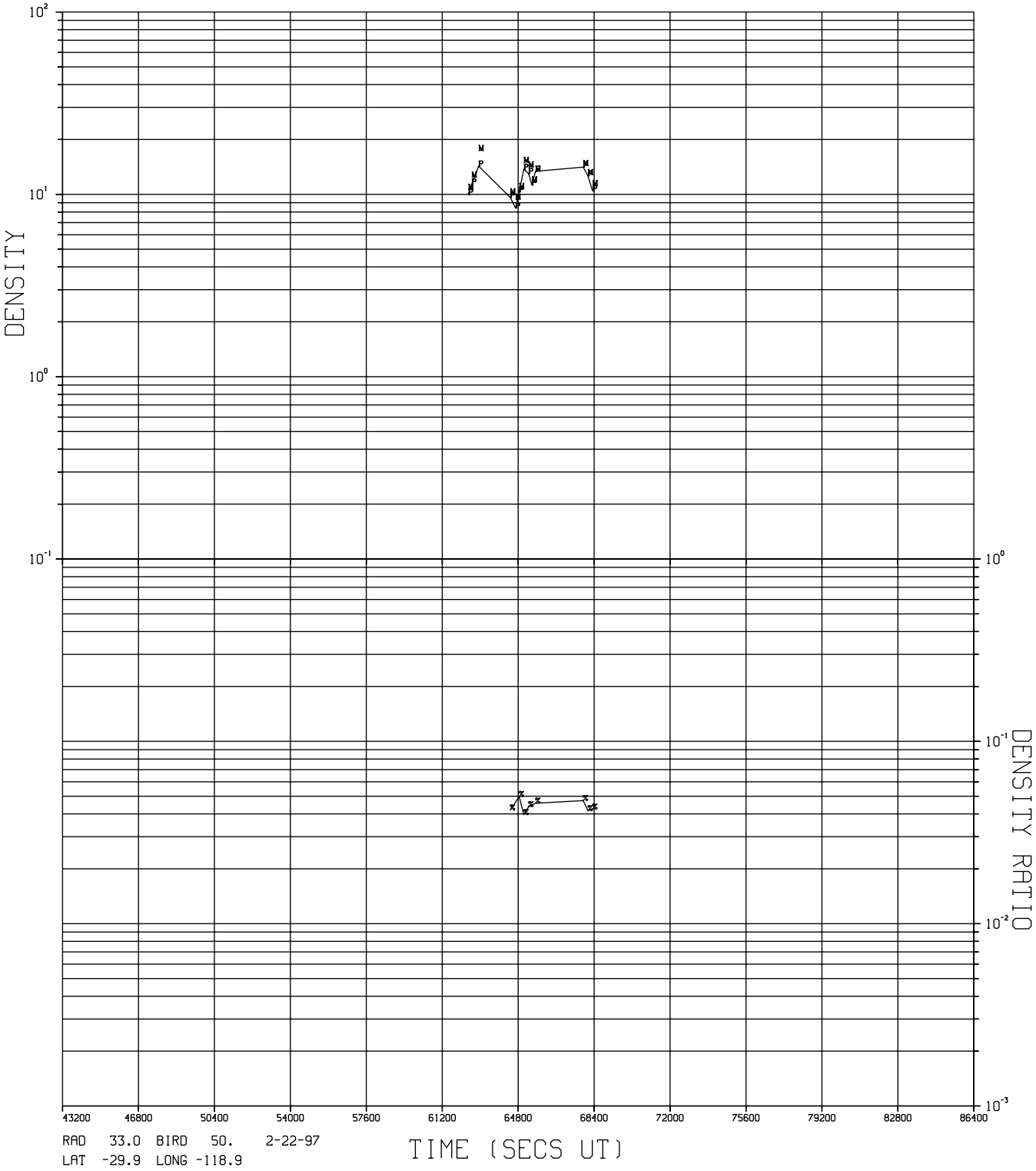
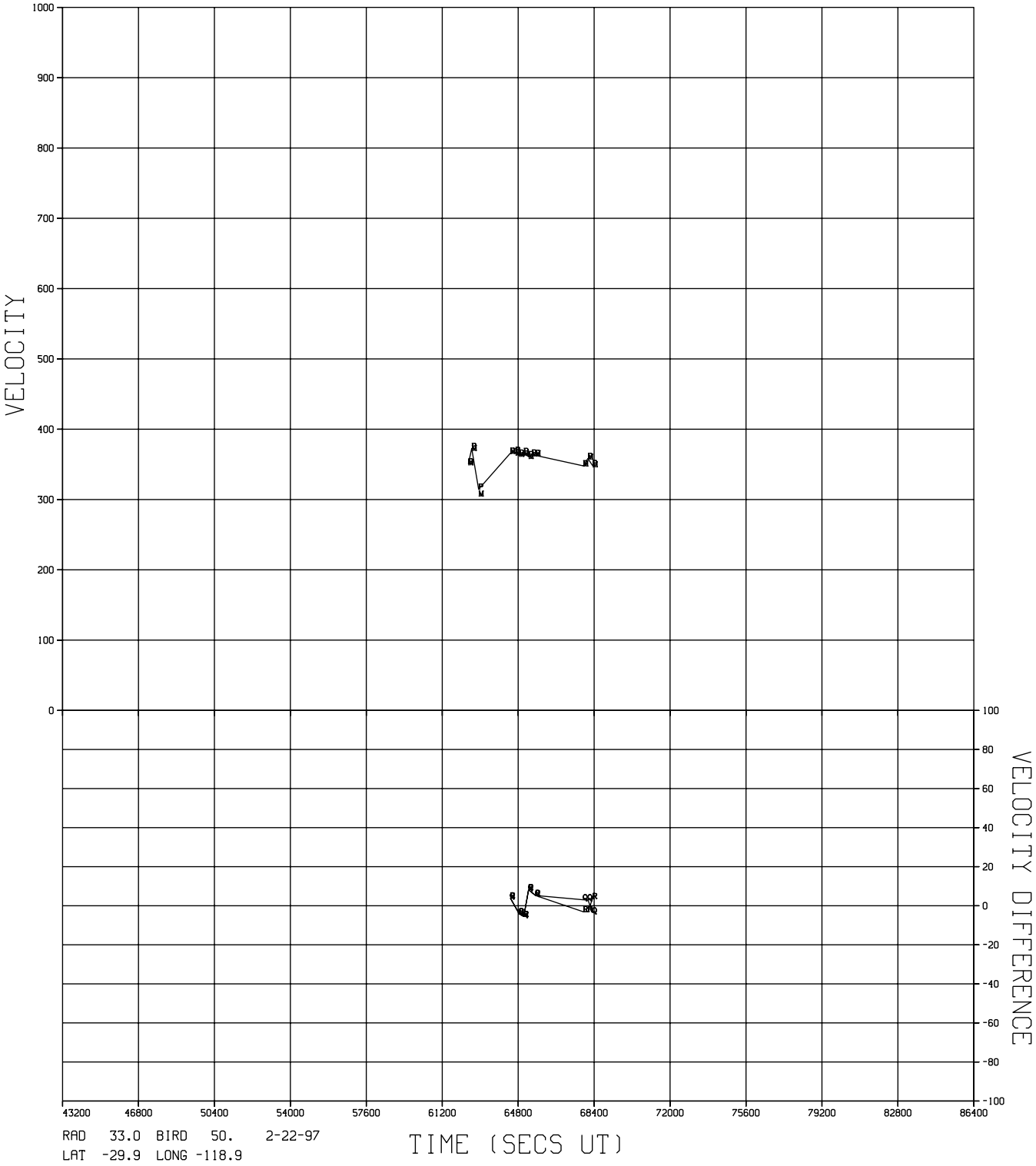
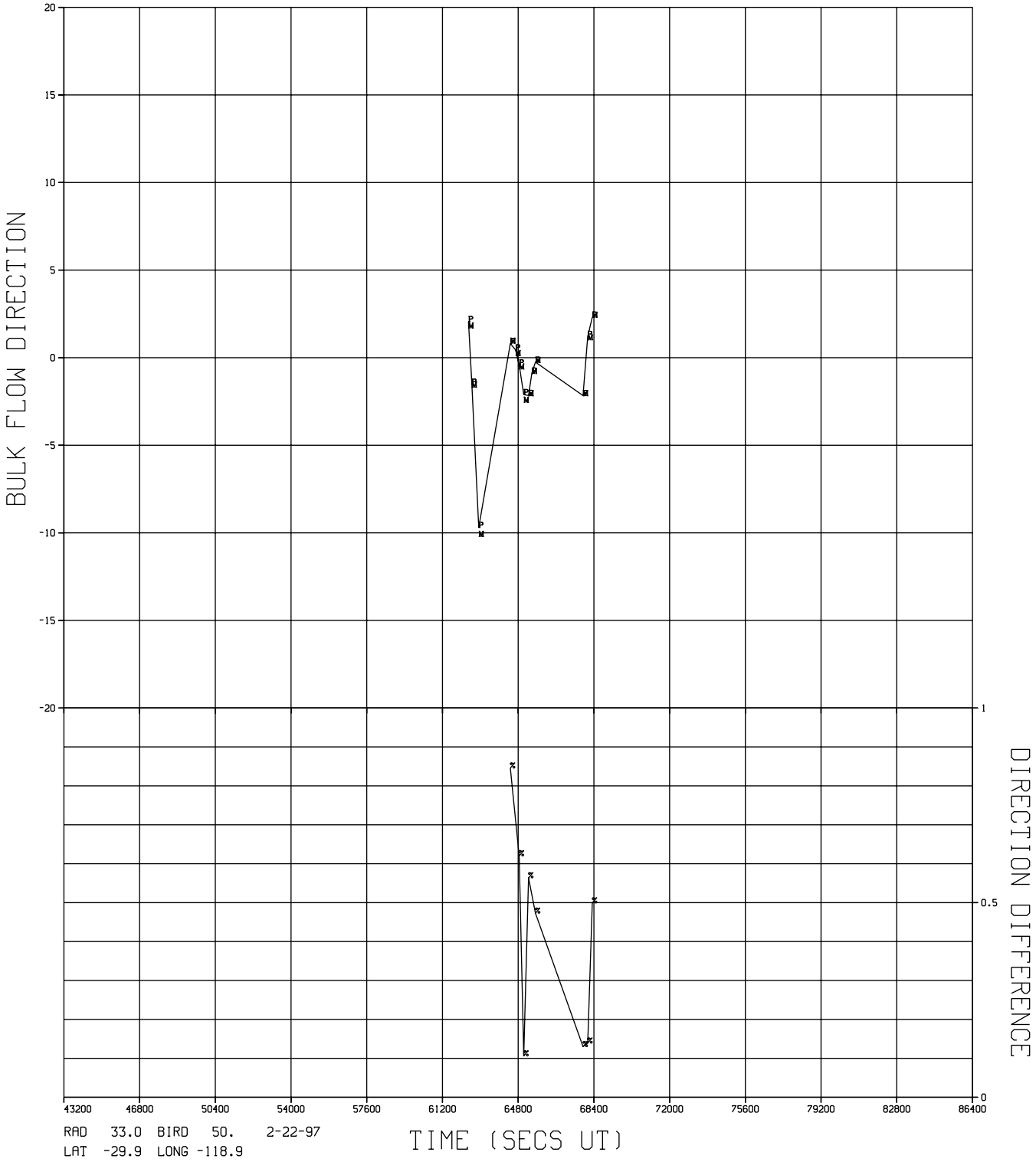
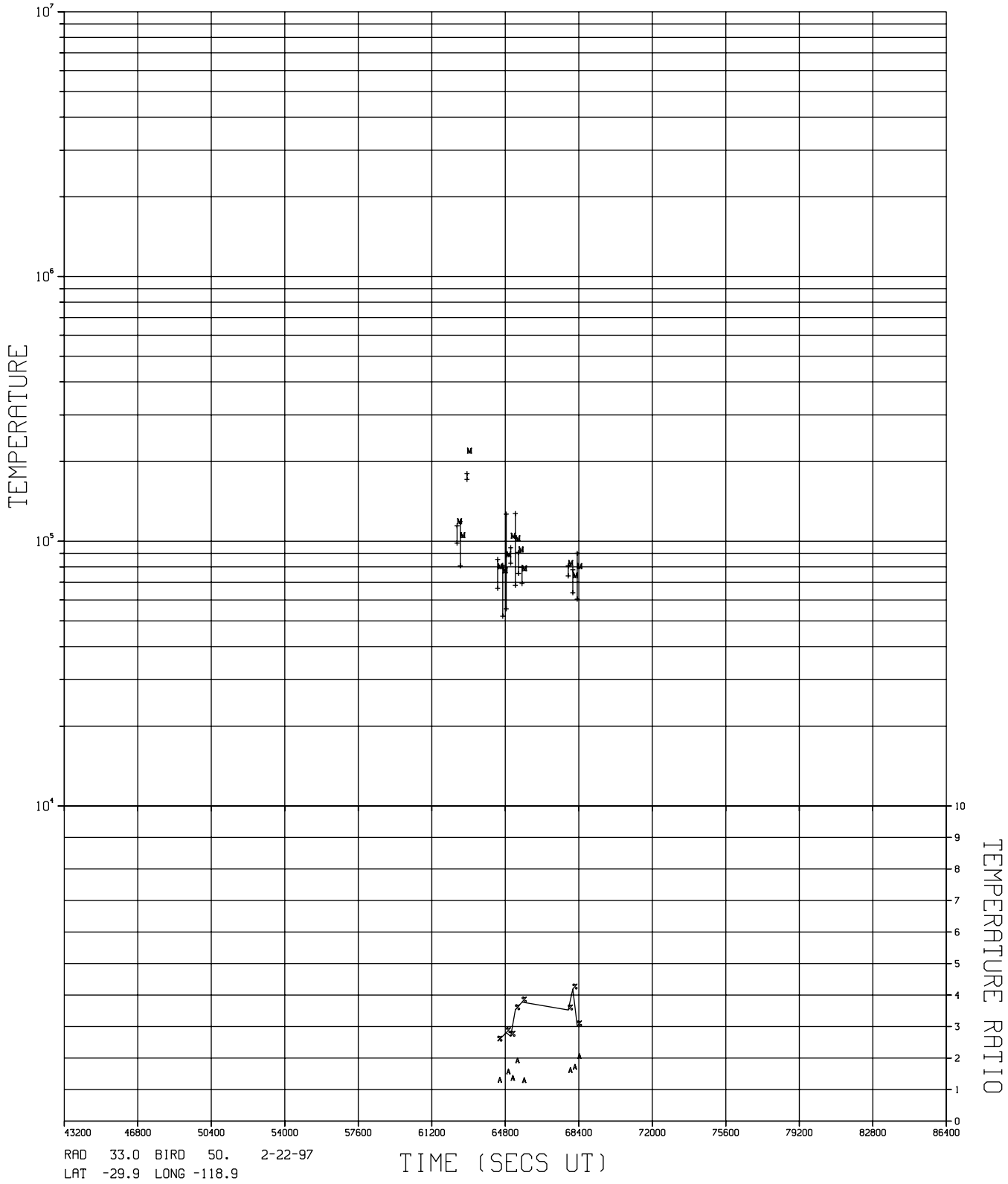
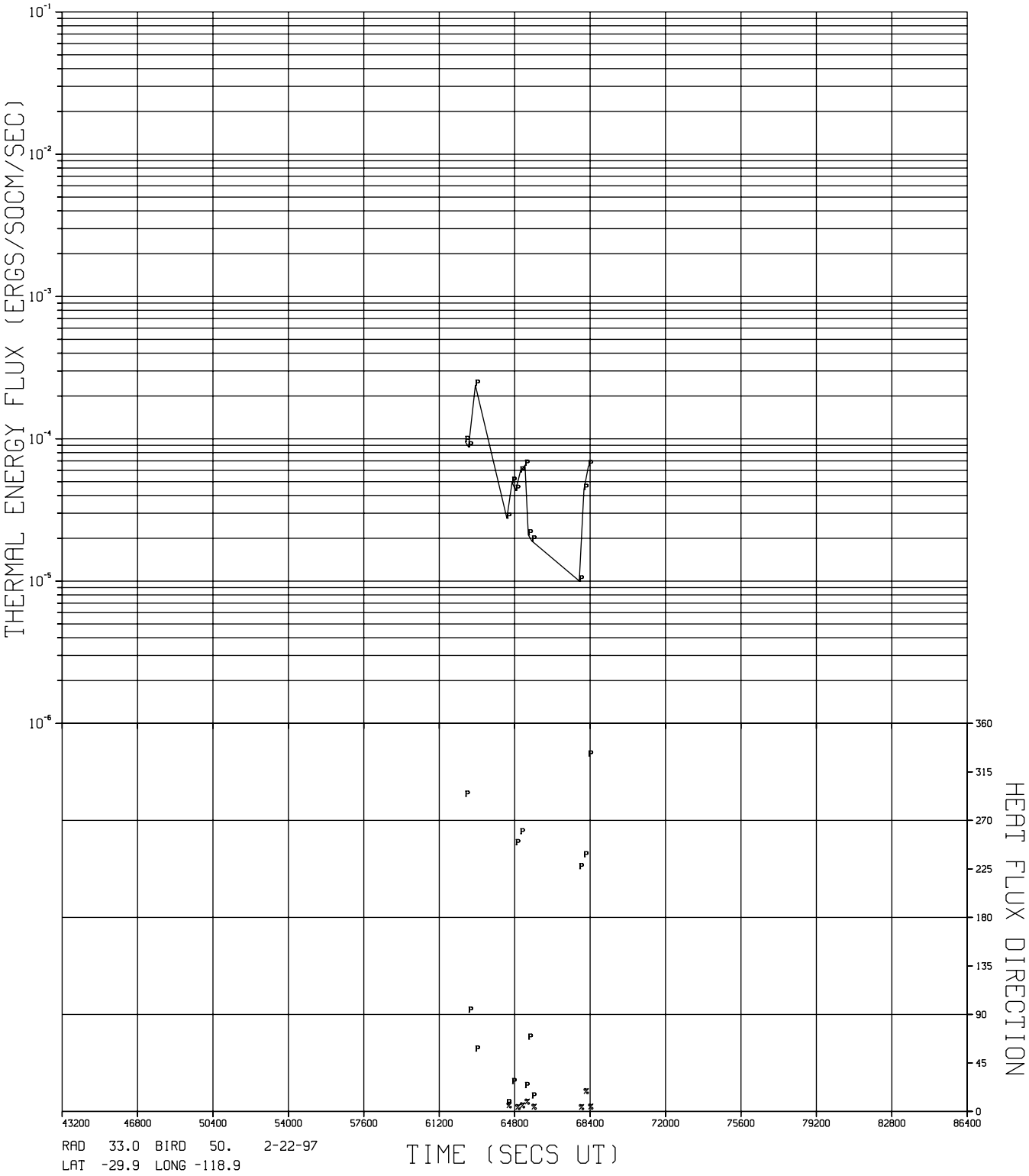
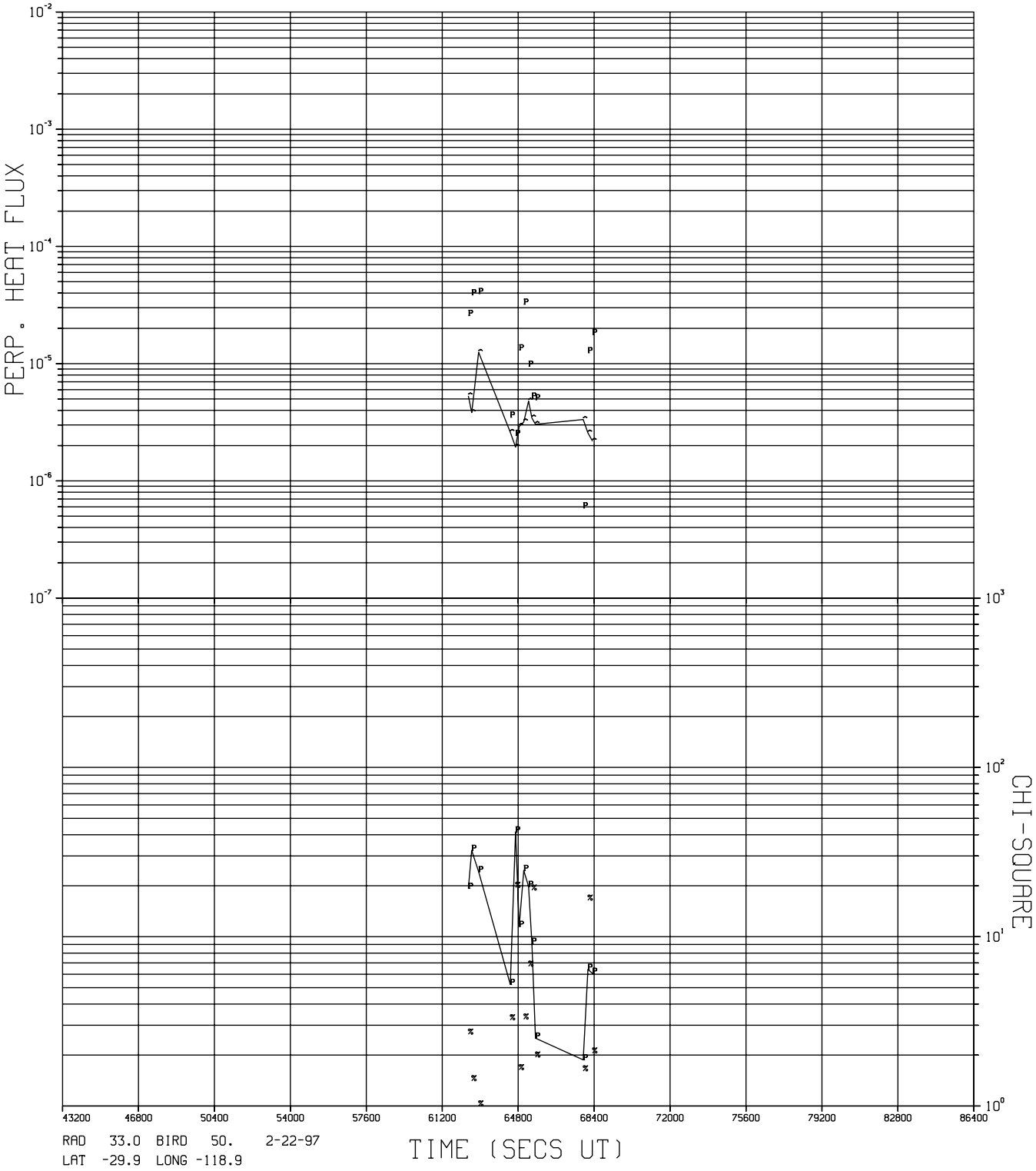

DENSITY
DENSITY RATIO
TIME (SECS UT)
43200
46800
50400
54000
57600
61200
64800
68400
72000
75600
79200
82800
86400
RAD 33.0 BIRD 50. 2-22-97
LAT -29.9 LONG -118.9

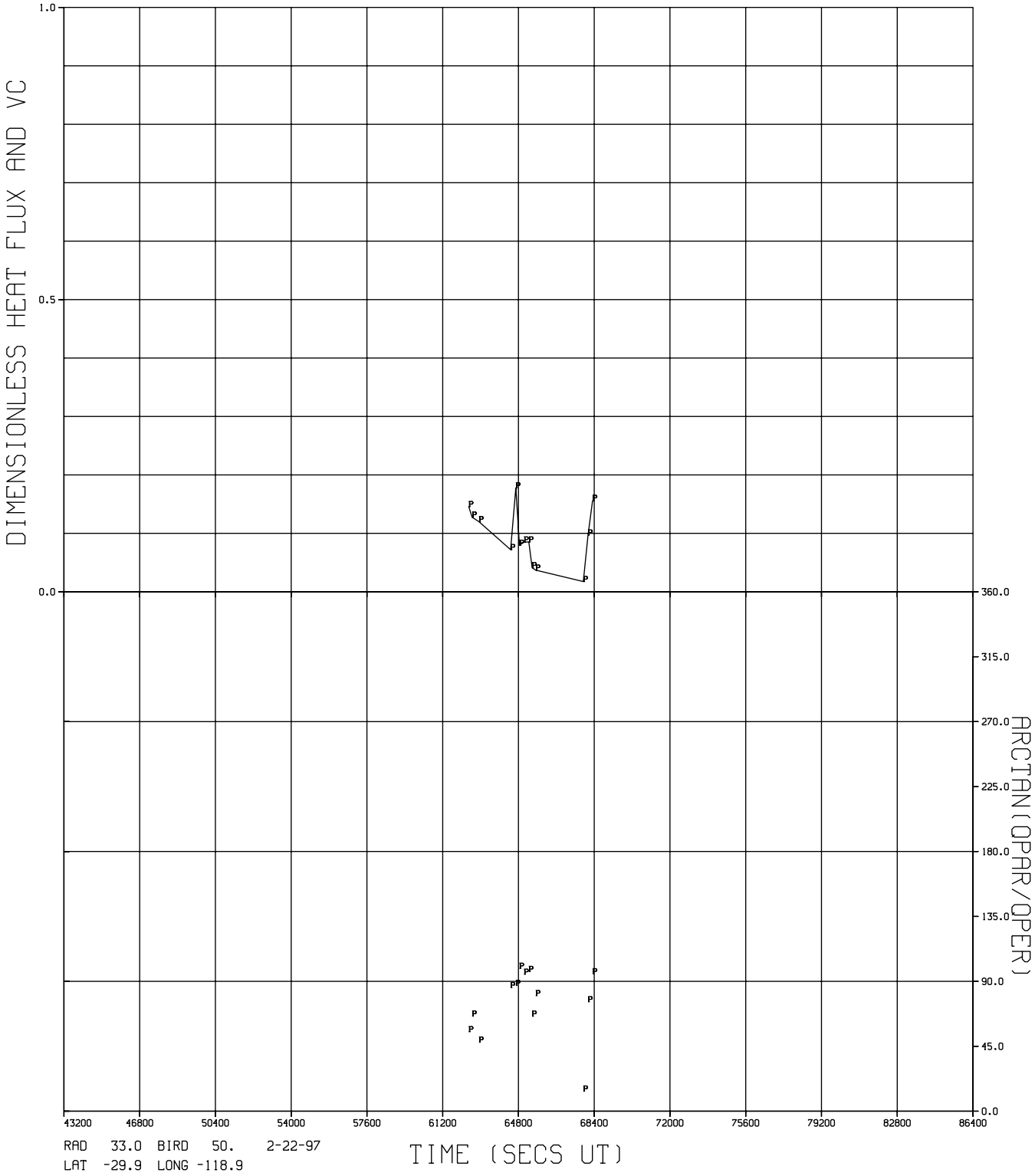

VELOCITY
1000
900
800
700
600
500
400
300
200
100
0
VELOCITY DIFFERENCE
100
80
60
40
20
0
-20
-40
-60
-80
-100
43200
46800
50400
54000
57600
61200
64800
68400
72000
75600
79200
82800
86400
RAD 33.0 BIRD 50. 2-22-97
LAT -29.9 LONG -118.9
TIME (SECS UT)


BULK FLOW DIRECTION
20
15
10
5
0
-5
-10
-15
-20
DIRECTION DIFFERENCE
1
0.5
0
43200
46800
50400
54000
57600
61200
64800
68400
72000
75600
79200
82800
86400
TIME (SECS UT)
RAD 33.0 BIRD 50. 2-22-97
LAT -29.9 LONG -118.9


TEMPERATURE
TEMPERATURE RATIO
TIME (SECS UT)
RAD 33.0 BIRD 50. 2-22-97
LAT -29.9 LONG -118.9


THERMAL ENERGY FLUX (ERGS/SQCM/SEC)
HEAT FLUX DIRECTION
TIME (SECS UT)
RAD 33.0 BIRD 50. 2-22-97
LAT -29.9 LONG -118.9


PERP. HEAT FLUX
CHI-SQUARE
TIME (SECS UT)
RAD 33.0 BIRD 50. 2-22-97
LAT -29.9 LONG -118.9


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 33.0 BIRD 50. 2-22-97
LAT -29.9 LONG -118.9