1. MIPAS Daily Report for level 1 products

1.1 General Info

This report contains a daily analysis on parameters extracted from MIPAS level 1 data (The MIP_NL__1P product).

1.1.1 Report summary

The table below shows general chacteristics of the data that are included into this report.

Item	Value
Report version	v1.31 02-08-2006
Time of report generation	16JAN2007 00:31:39
Data source version	MIPAS/4.67-P
Processing scope for products	11DEC2006 00:00:00 to 12DEC2006 00:00:00
Start time of first product within scope	10DEC2006 22:51:55
Stop time of last product within scope	11DEC2006 01:05:42
Total number of level 1 products	2
Number of level 1 products with errors	0

1.1.2 Summary per product

The following table shows a summary for each product used in this report.

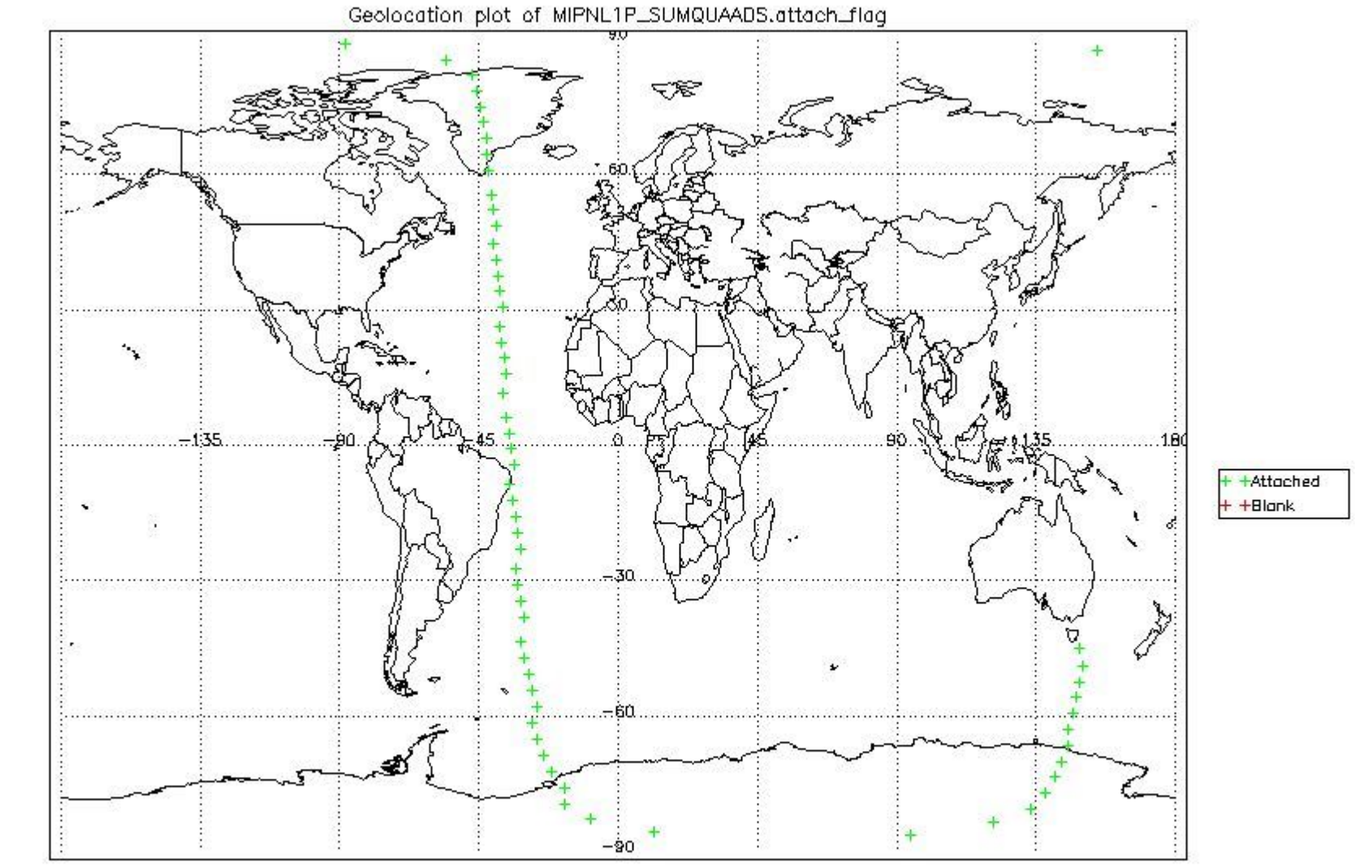
#	Product name	Start time	Stop time	Prod err	Slice position (prod/tot)
0	MIP_NL__1PPDPA20061210_225155_000060302053_00388_24991_0308.N1	10DEC2006 22:51:55	11DEC2006 00:32:24	0	1/1
1	MIP_NL__1PPDPA20061211_003231_000019922053_00389_24992_0309.N1	11DEC2006 00:32:31	11DEC2006 01:05:42	0	1/1

1.2 Product Quality Indicators

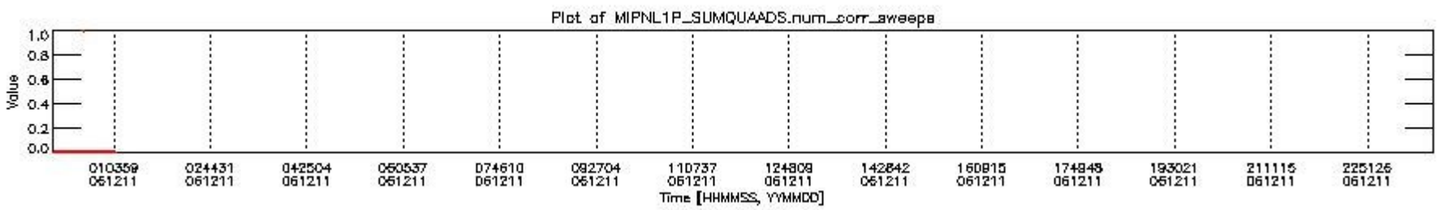
This report contains an analysis on product quality related parameters within the MIP_NL__1P product.

1.2.1 Trends and geolocation of Summary Quality ADS

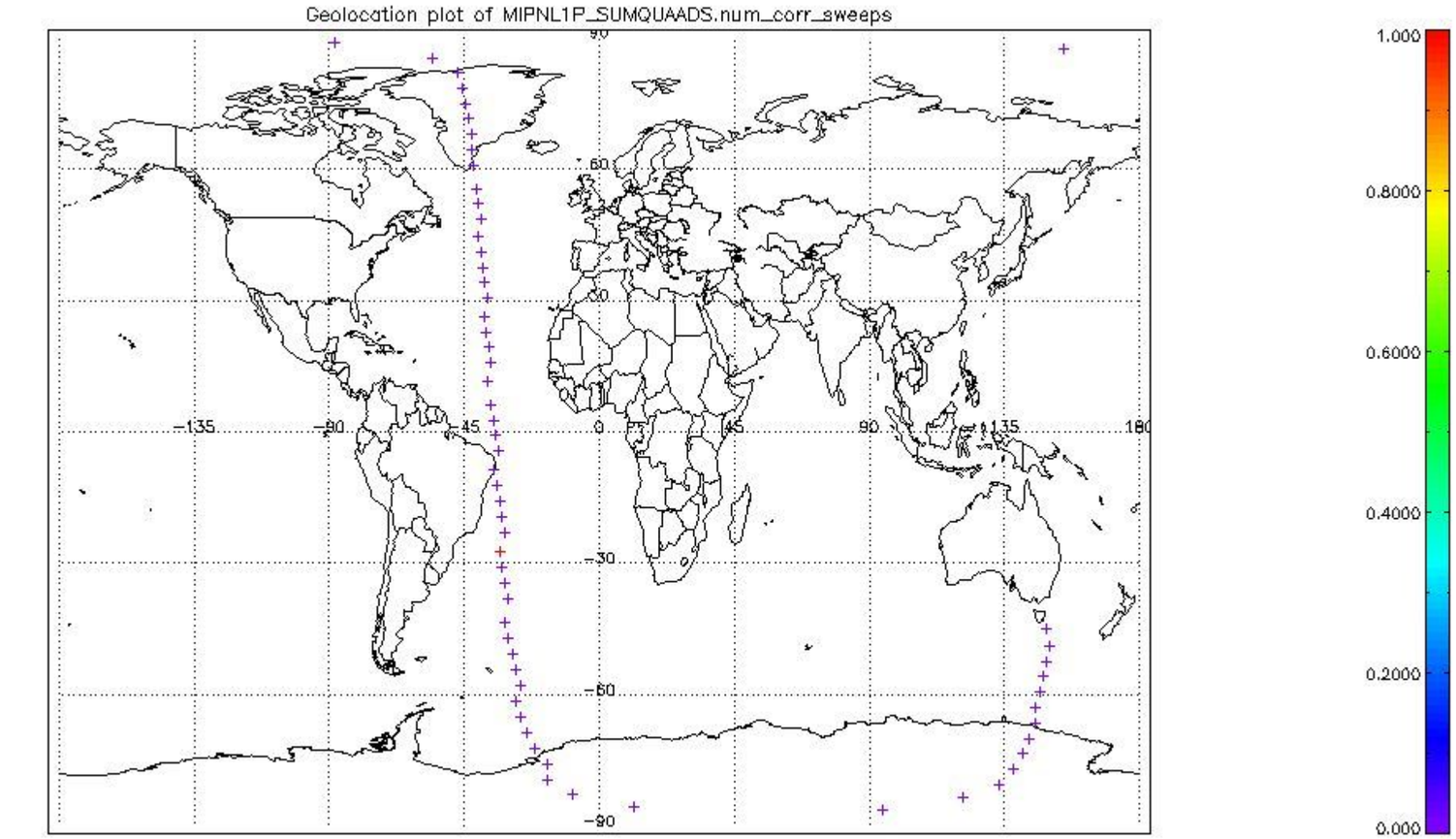
mipas_daily_report_level1_OFL_MIPAS_4_67_P_20061211_0.PNG



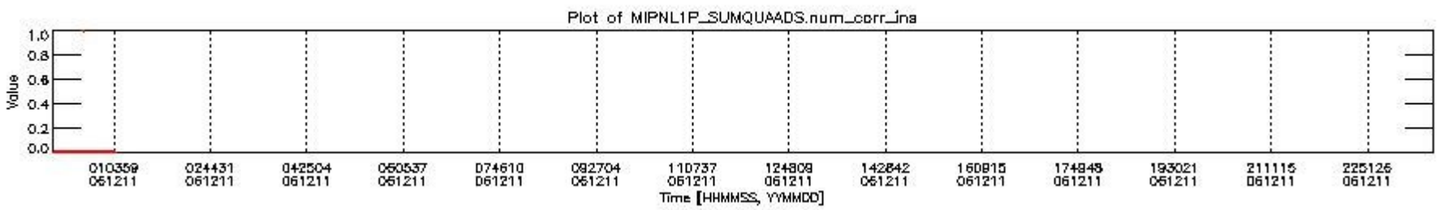
mipas_daily_report_level1_OFL_MIPAS_4_67_P_20061211_1.PNG



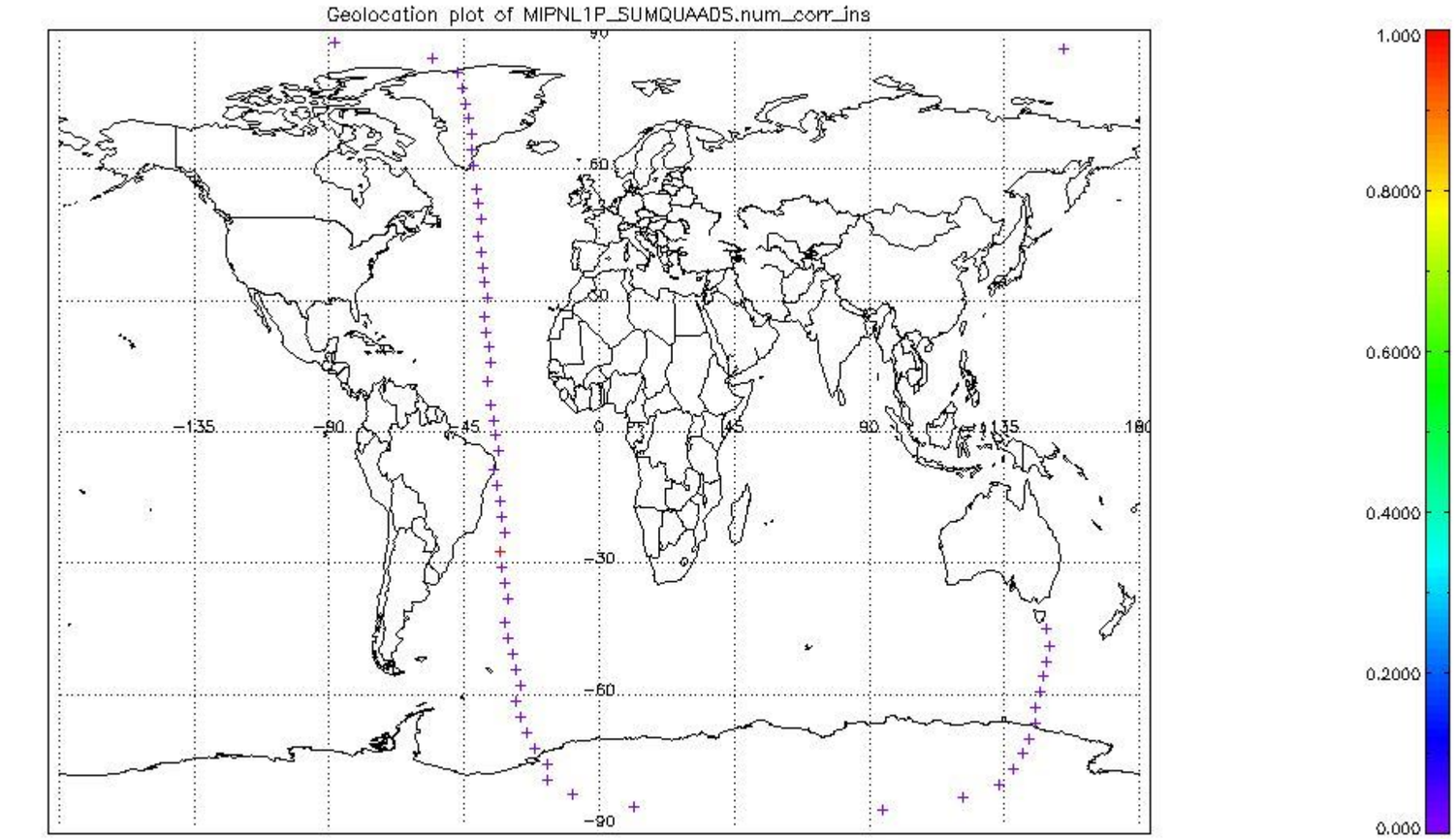
mipas_daily_report_level1_OFL_MIPAS_4_67_P_20061211_2.PNG



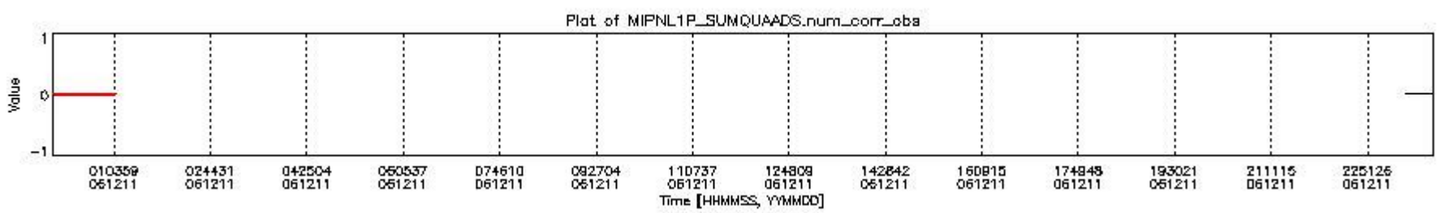
mipas_daily_report_level1_OFL_MIPAS_4_67_P_20061211_3.PNG



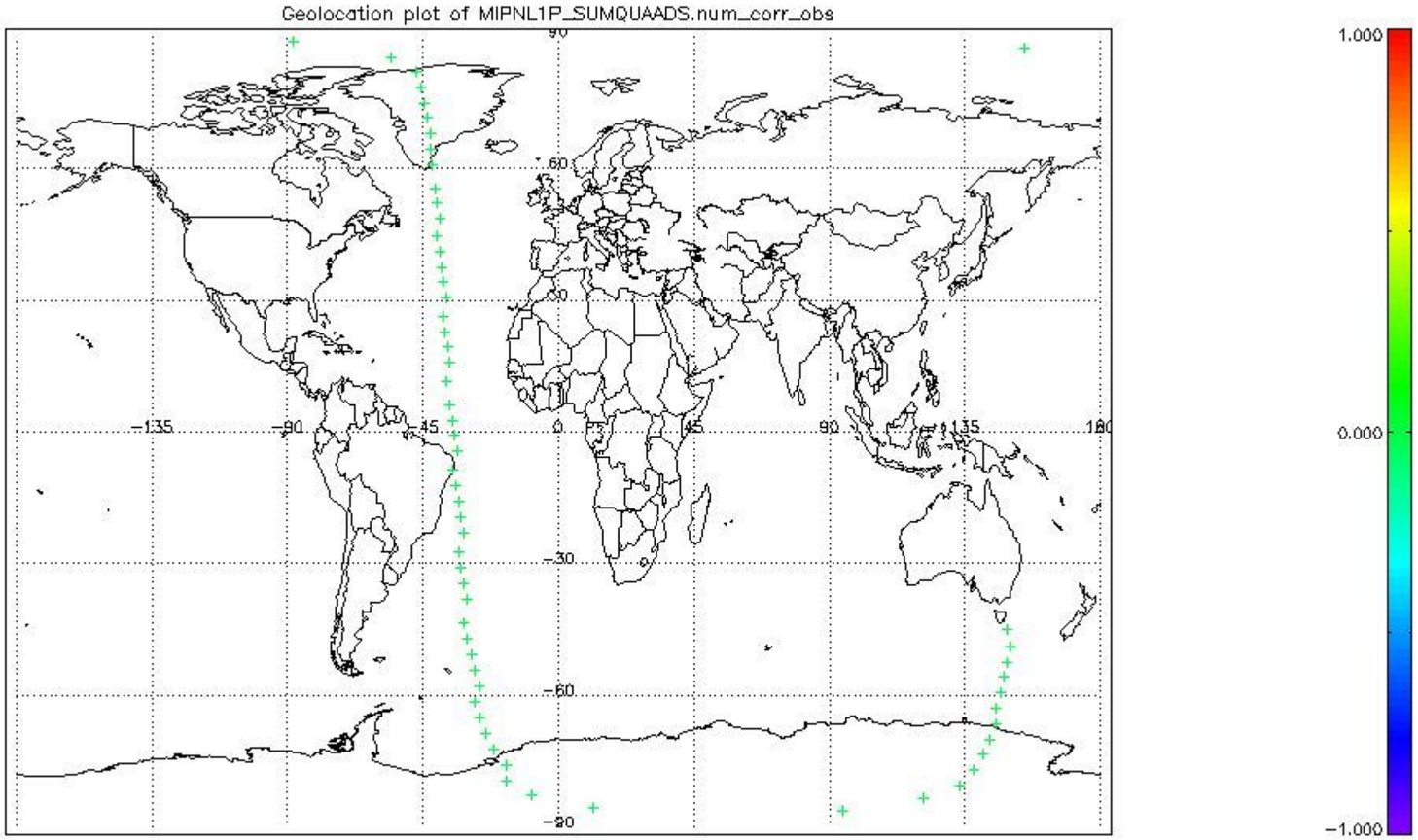
mipas_daily_report_level1_OFL_MIPAS_4_67_P_20061211_4.PNG



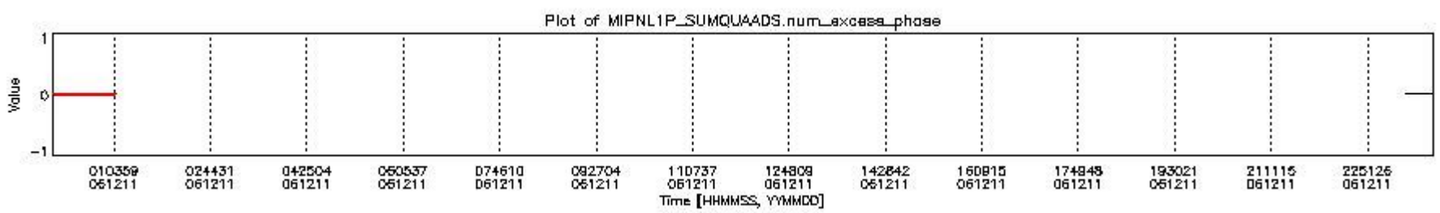
mipas_daily_report_level1_OFL_MIPAS_4_67_P_20061211_5.PNG



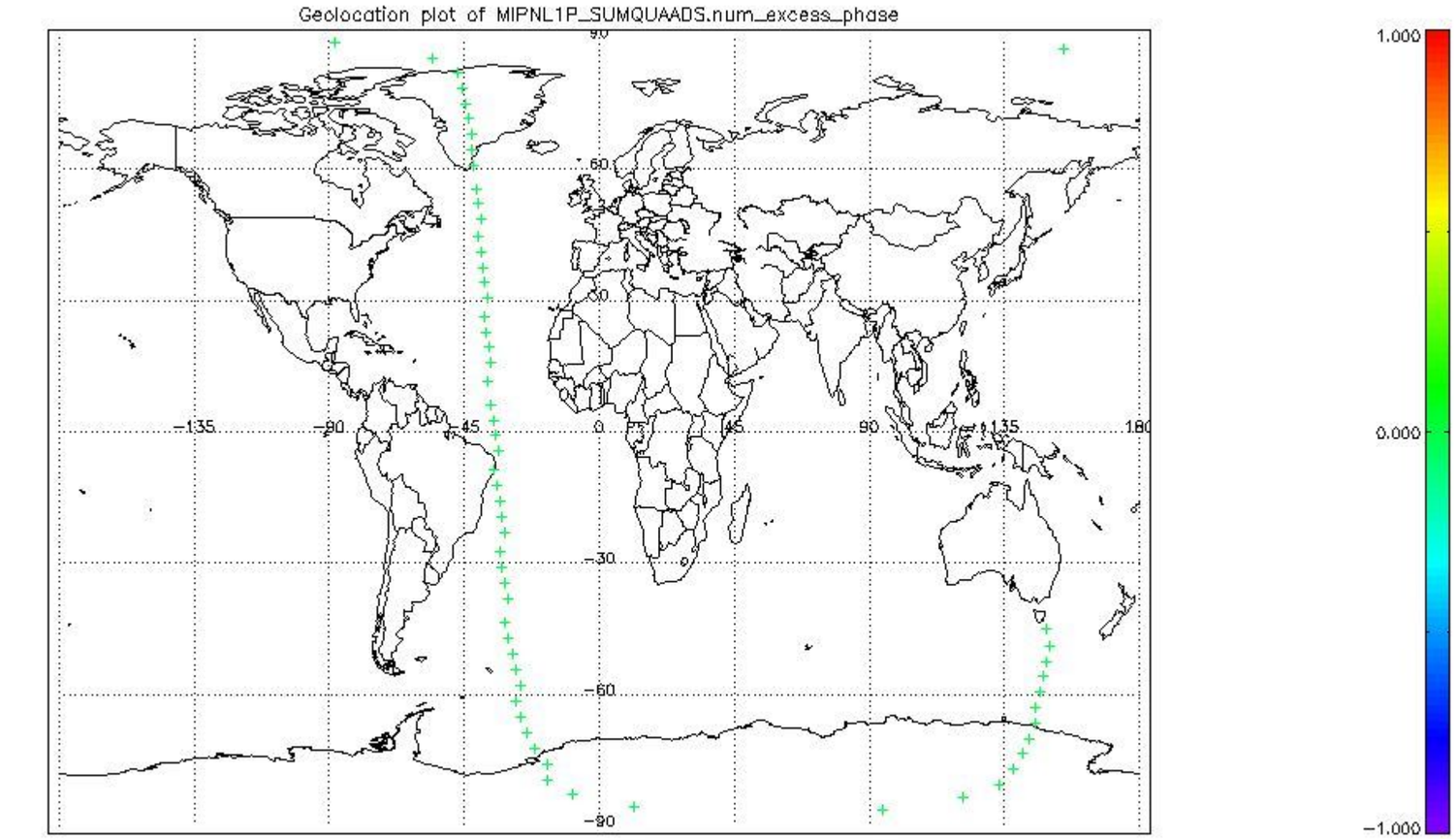
mipas_daily_report_level1_OFL_MIPAS_4_67_P_20061211_6.PNG



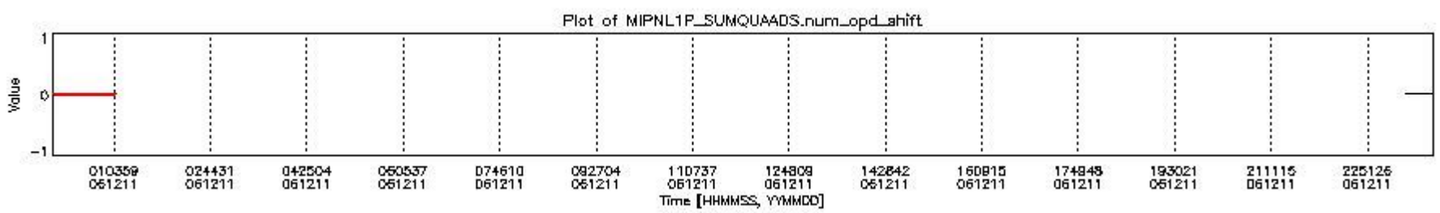
mipas_daily_report_level1_OFL_MIPAS_4_67_P_20061211_7.PNG



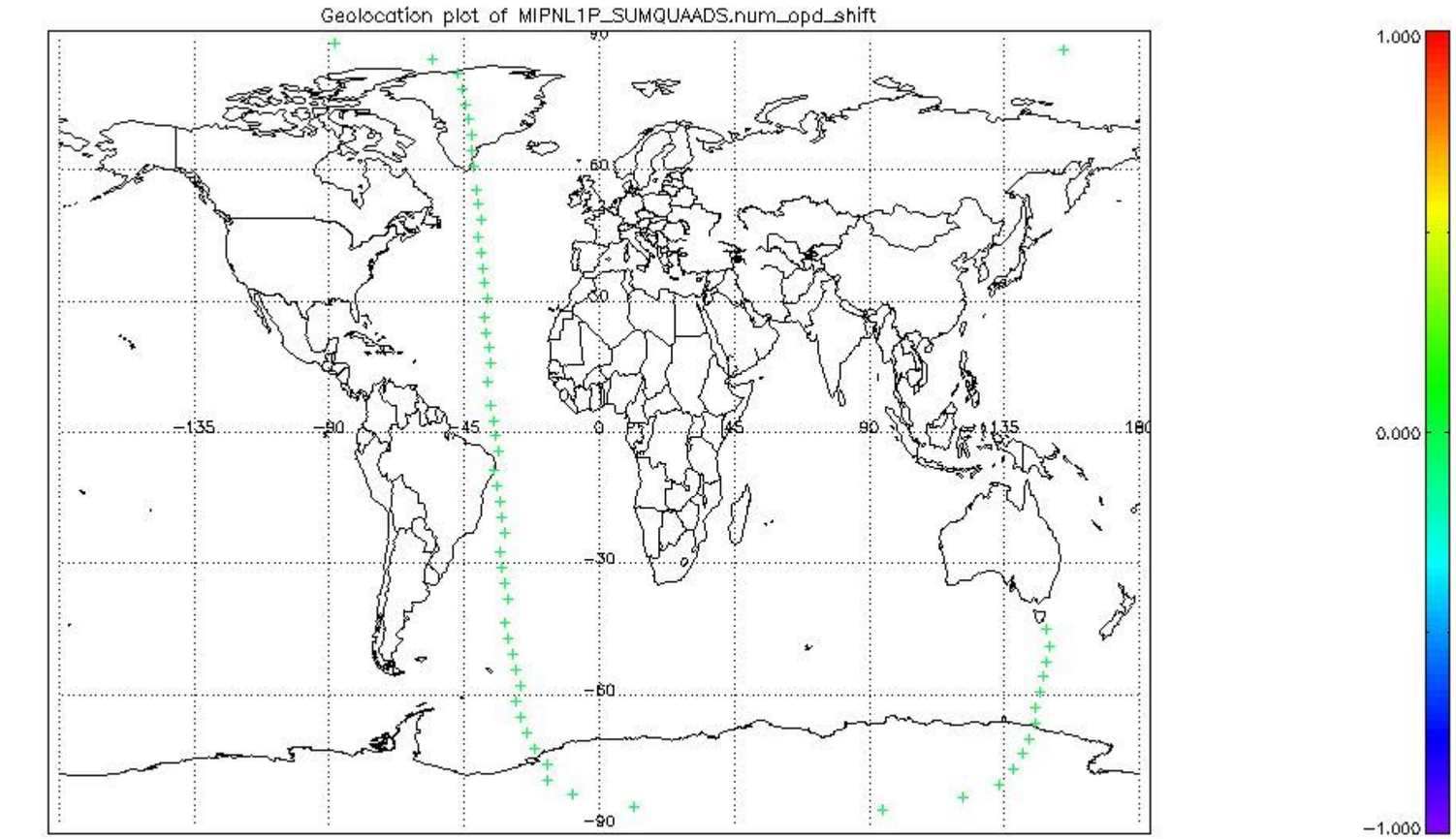
mipas_daily_report_level1_OFL_MIPAS_4_67_P_20061211_8.PNG



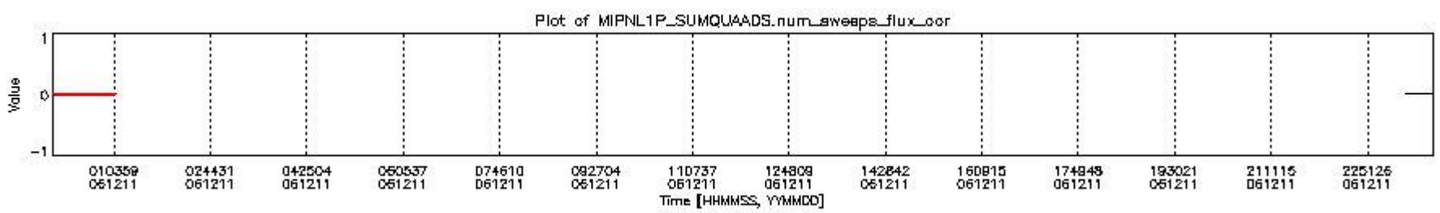
mipas_daily_report_level1_OFL_MIPAS_4_67_P_20061211_9.PNG



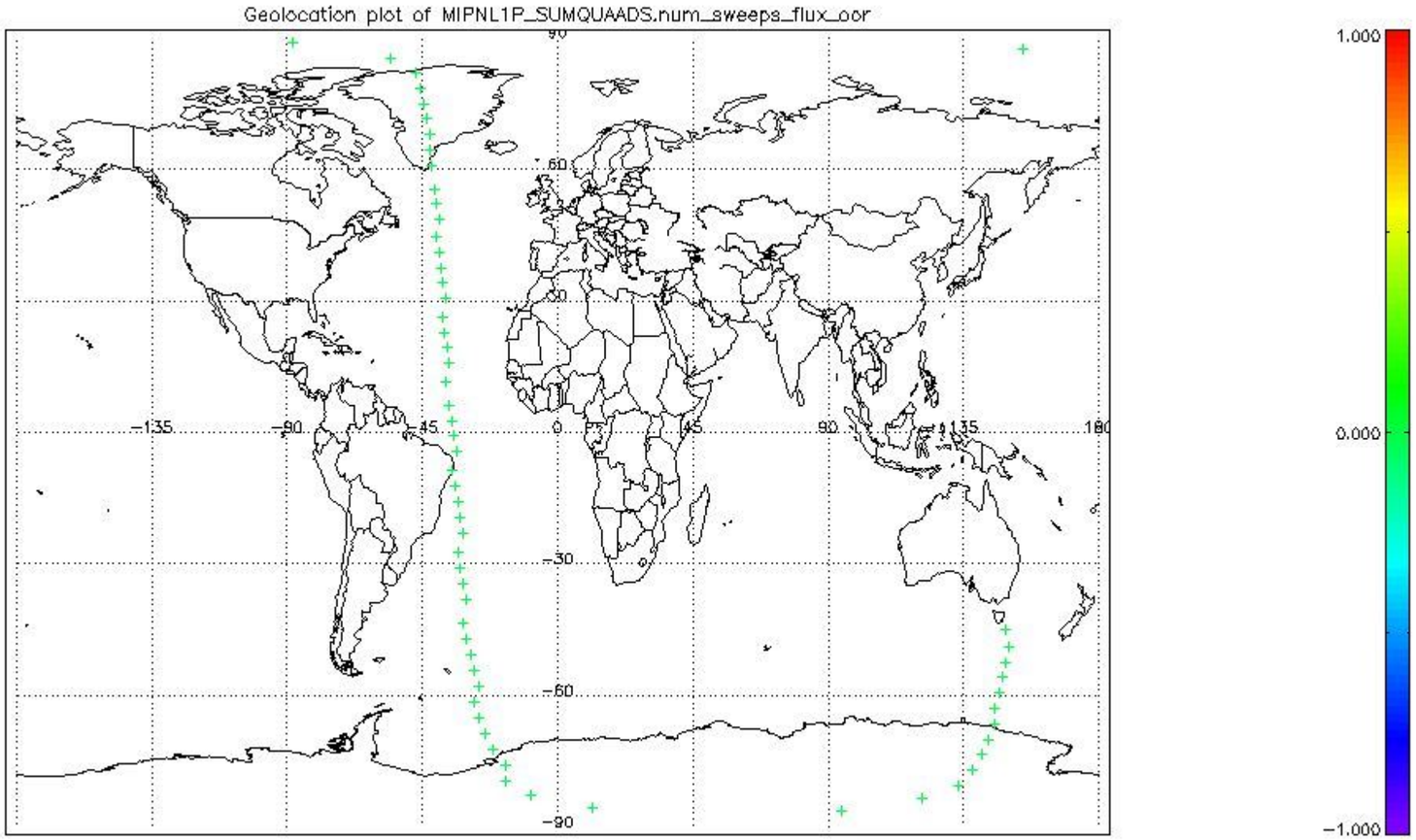
mipas_daily_report_level1_OFL_MIPAS_4_67_P_20061211_10.PNG



mipas_daily_report_level1_OFL_MIPAS_4_67_P_20061211_11.PNG



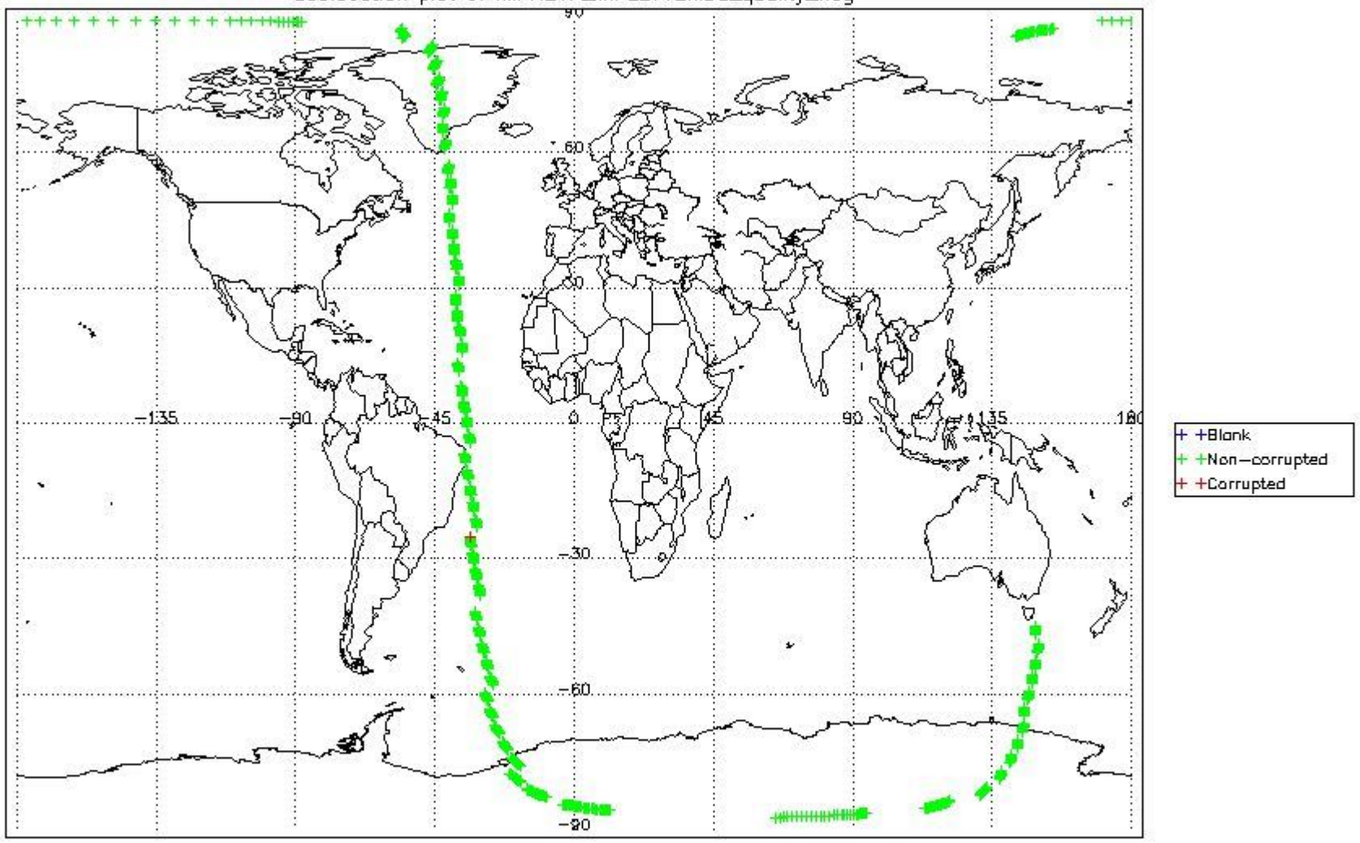
mipas_daily_report_level1_OFL_MIPAS_4_67_P_20061211_12.PNG



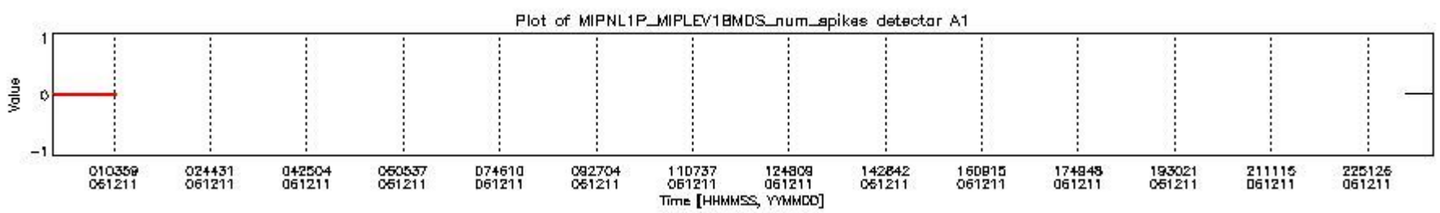
mipas_daily_report_level1_OFL_MIPAS_4_67_P_20061211_13.PNG

1.2.2 Trends and geolocation of MIPAS LEVEL 1 MDS

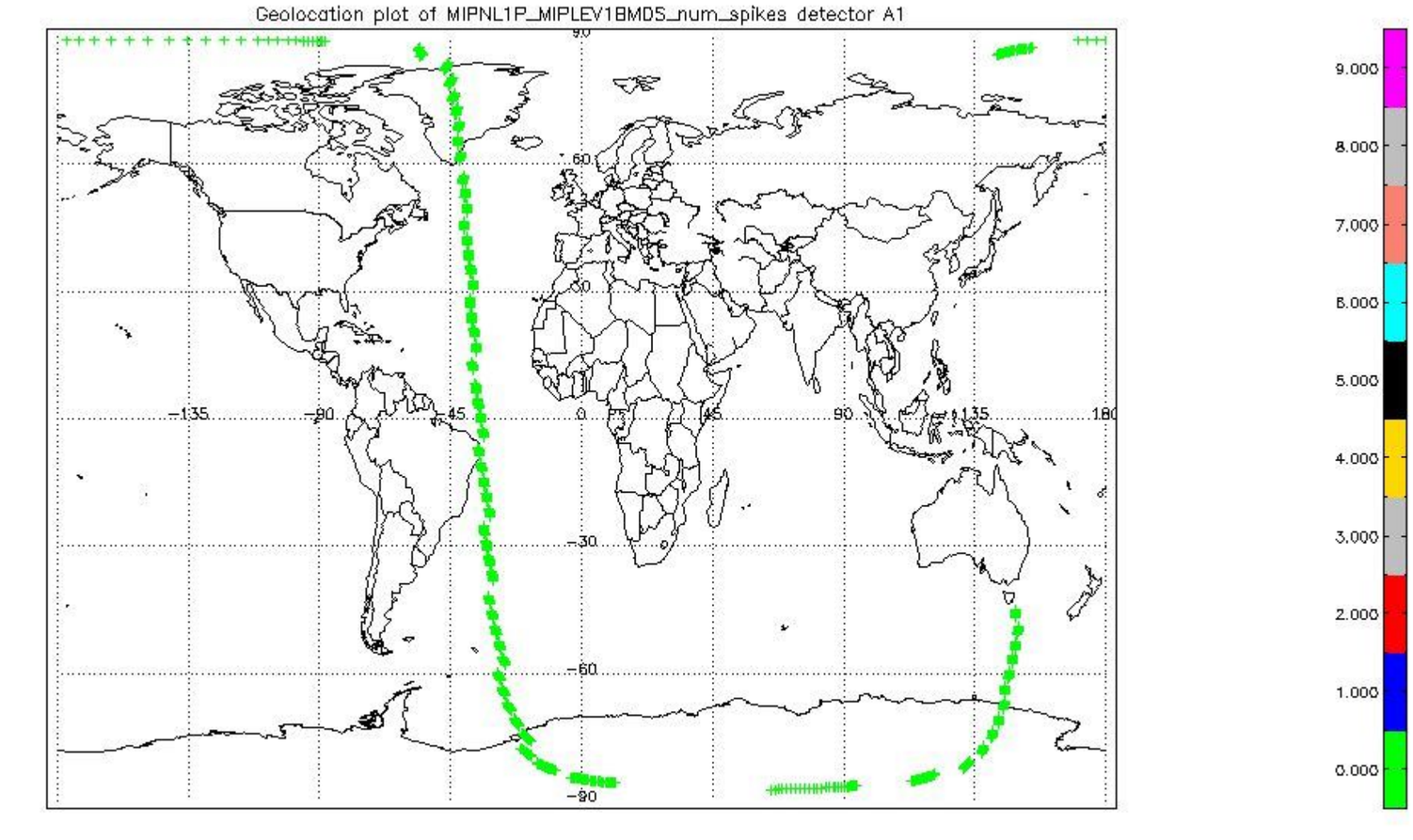
mipas_daily_report_level1_OFL_MIPAS_4_67_P_20061211_14.PNG



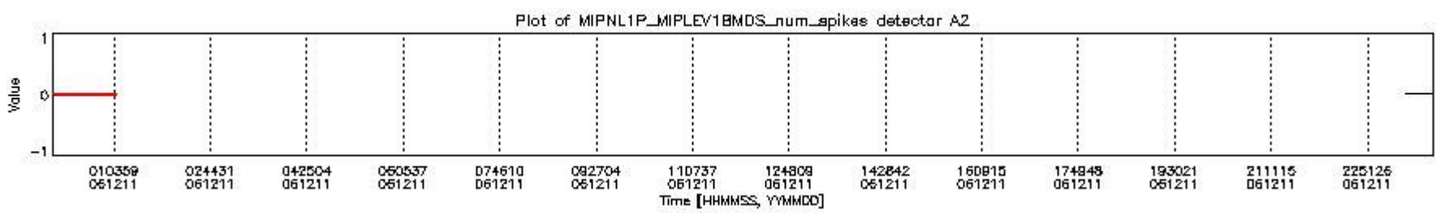
mipas_daily_report_level1_OFL_MIPAS_4_67_P_20061211_15.PNG



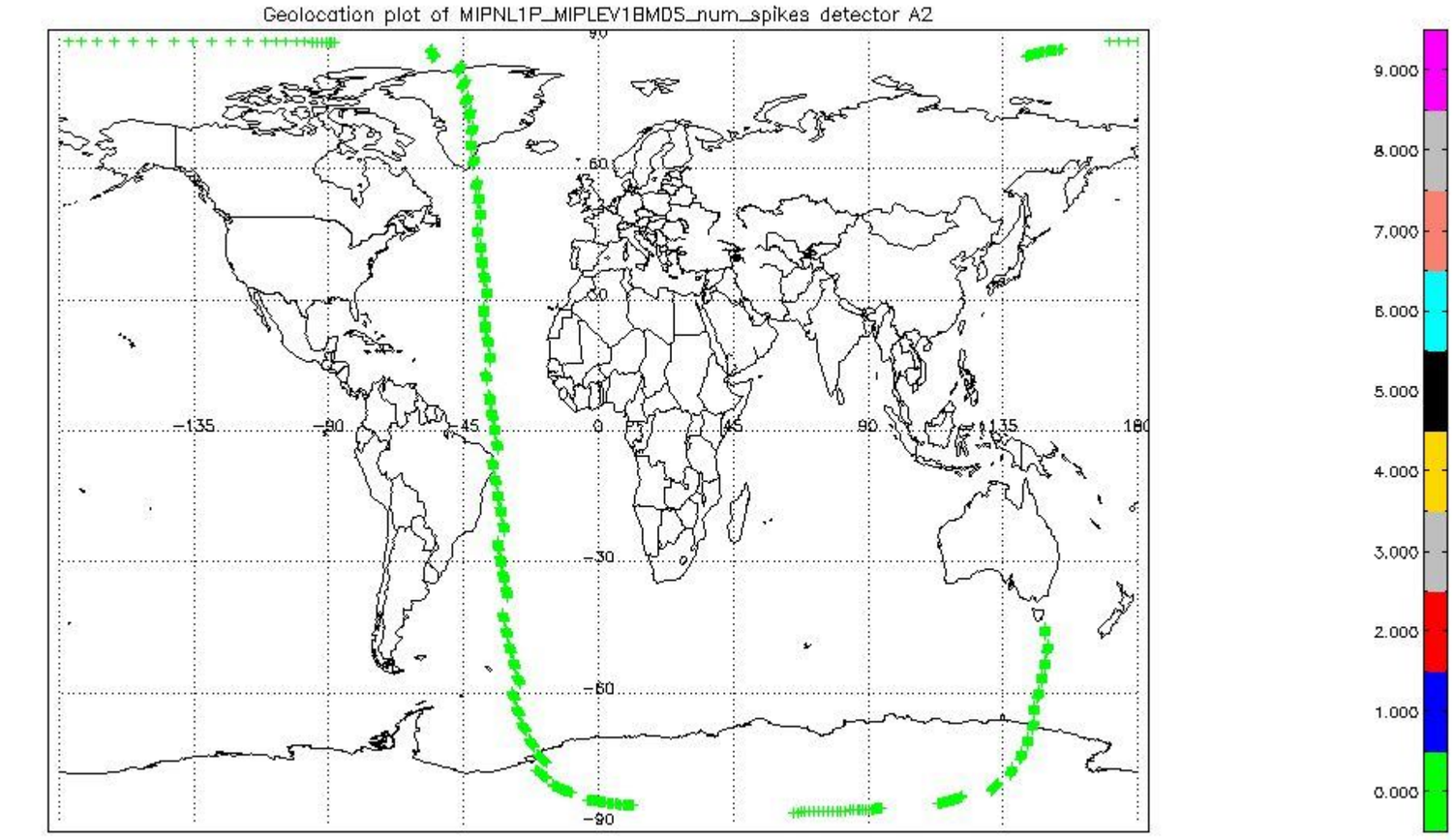
mipas_daily_report_level1_OFL_MIPAS_4_67_P_20061211_16.PNG



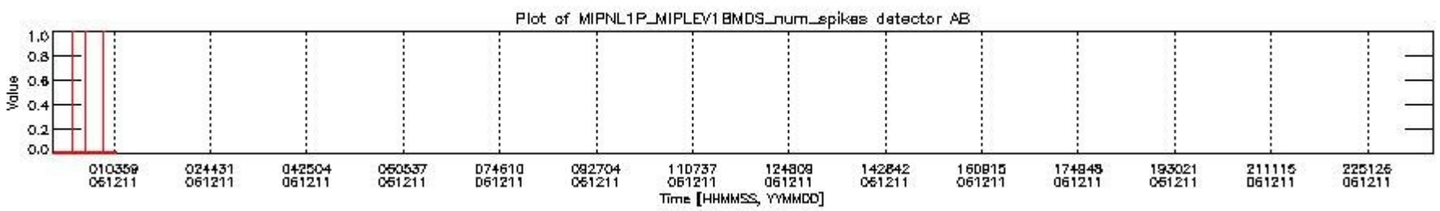
mipas_daily_report_level1_OFL_MIPAS_4_67_P_20061211_17.PNG



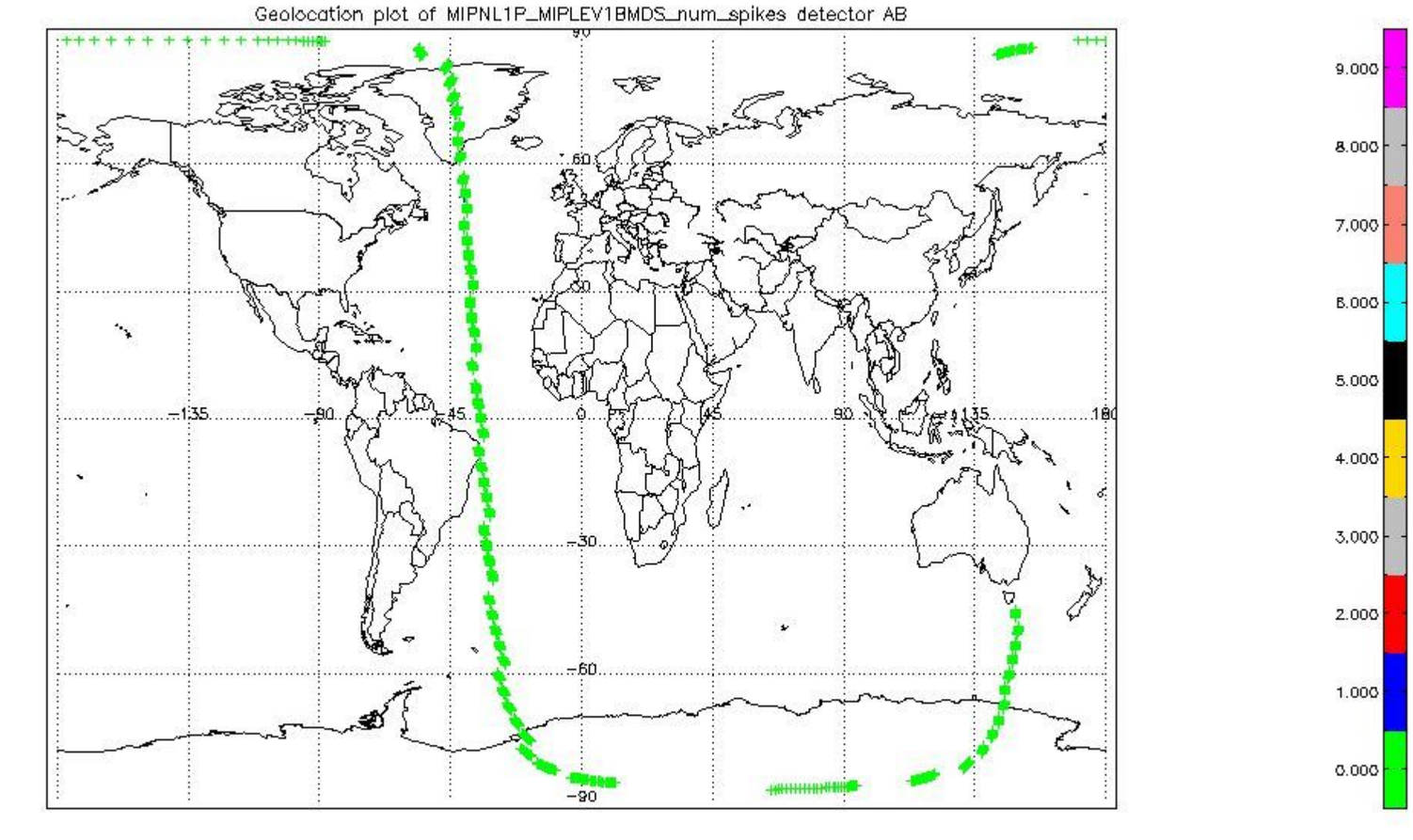
mipas_daily_report_level1_OFL_MIPAS_4_67_P_20061211_18.PNG



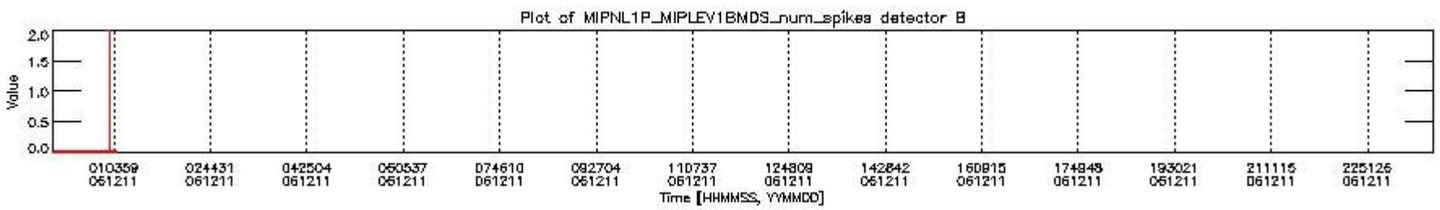
mipas_daily_report_level1_OFL_MIPAS_4_67_P_20061211_19.PNG



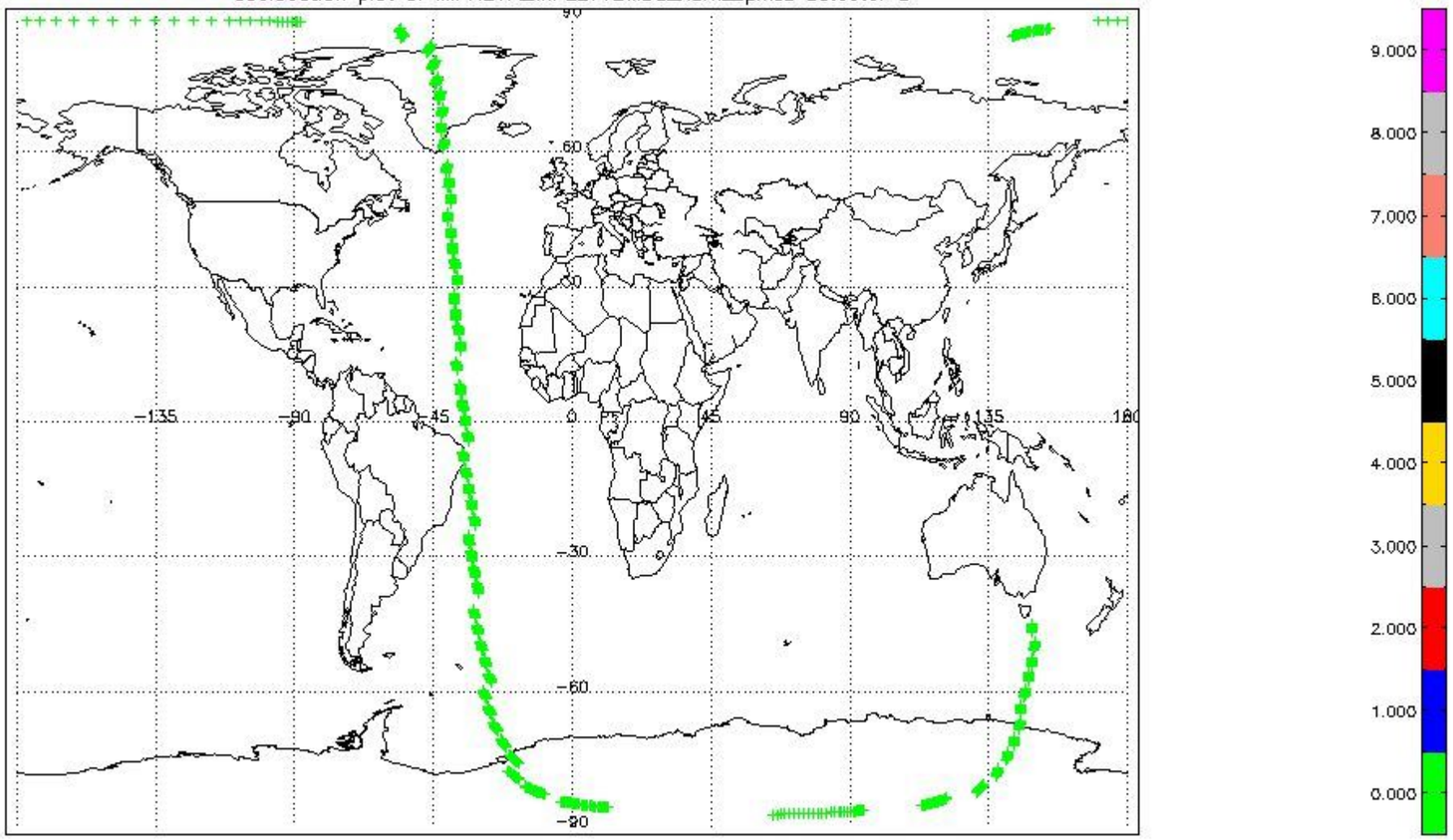
mipas_daily_report_level1_OFL_MIPAS_4_67_P_20061211_20.PNG



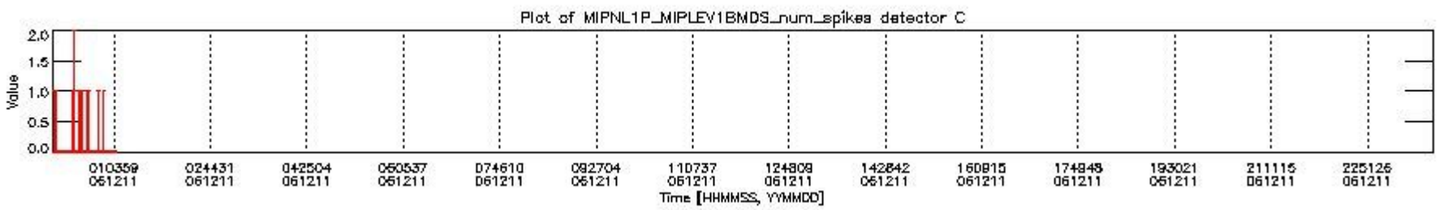
mipas_daily_report_level1_OFL_MIPAS_4_67_P_20061211_21.PNG



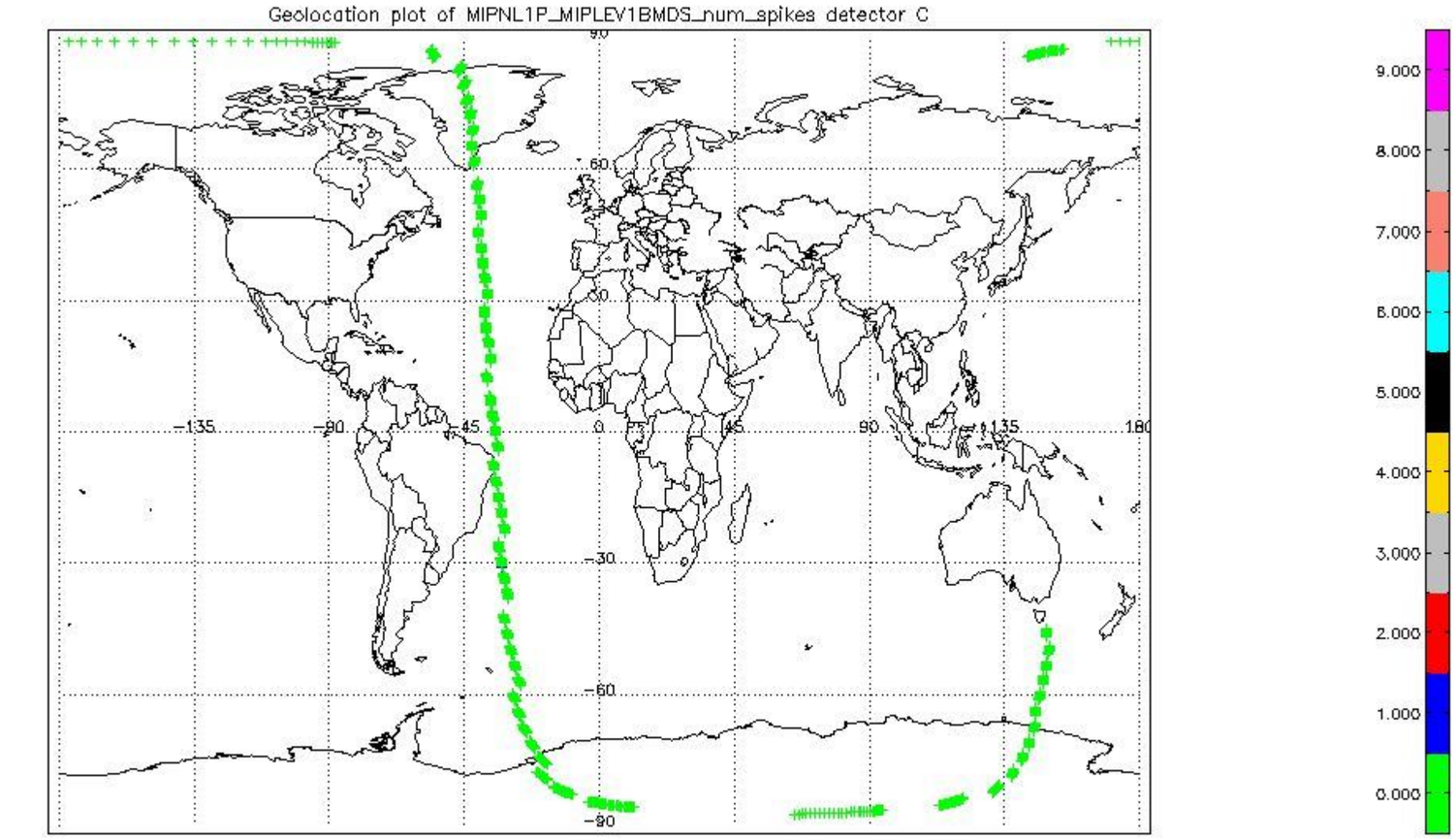
mipas_daily_report_level1_OFL_MIPAS_4_67_P_20061211_22.PNG



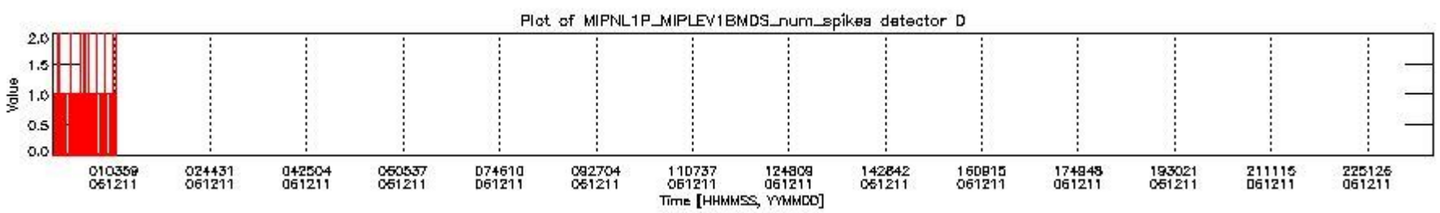
mipas_daily_report_level1_OFL_MIPAS_4_67_P_20061211_23.PNG



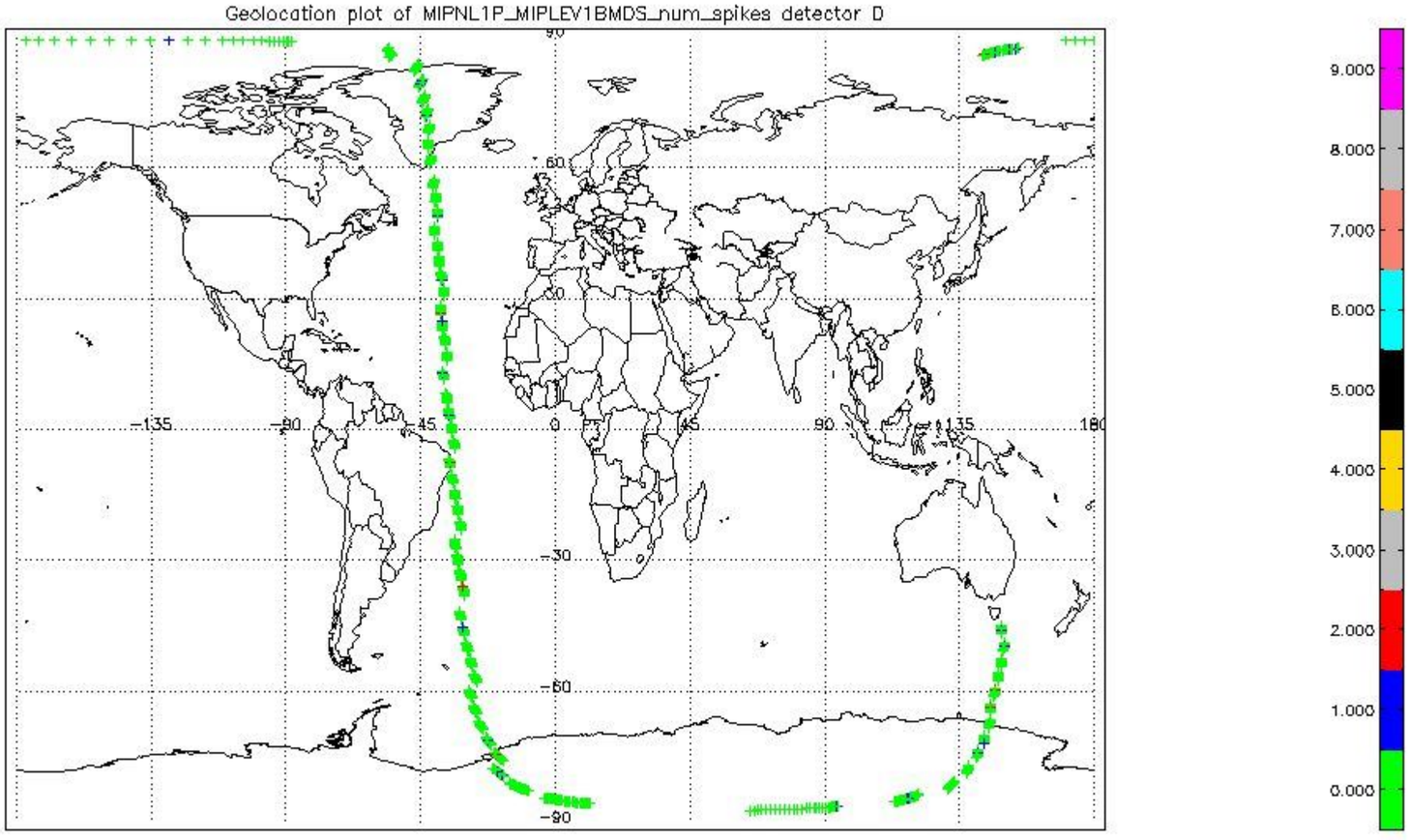
mipas_daily_report_level1_OFL_MIPAS_4_67_P_20061211_24.PNG



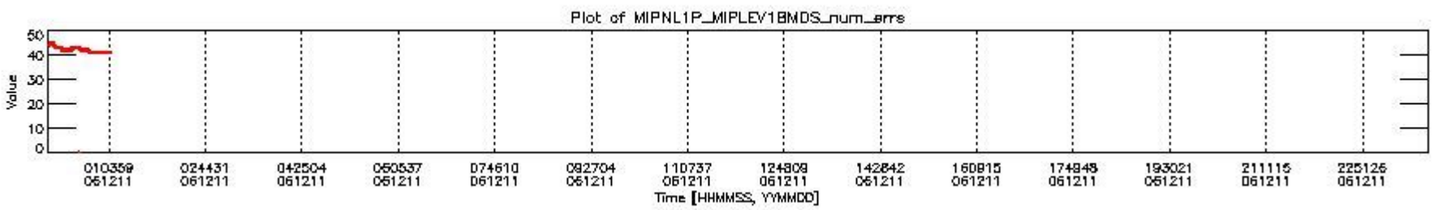
mipas_daily_report_level1_OFL_MIPAS_4_67_P_20061211_25.PNG



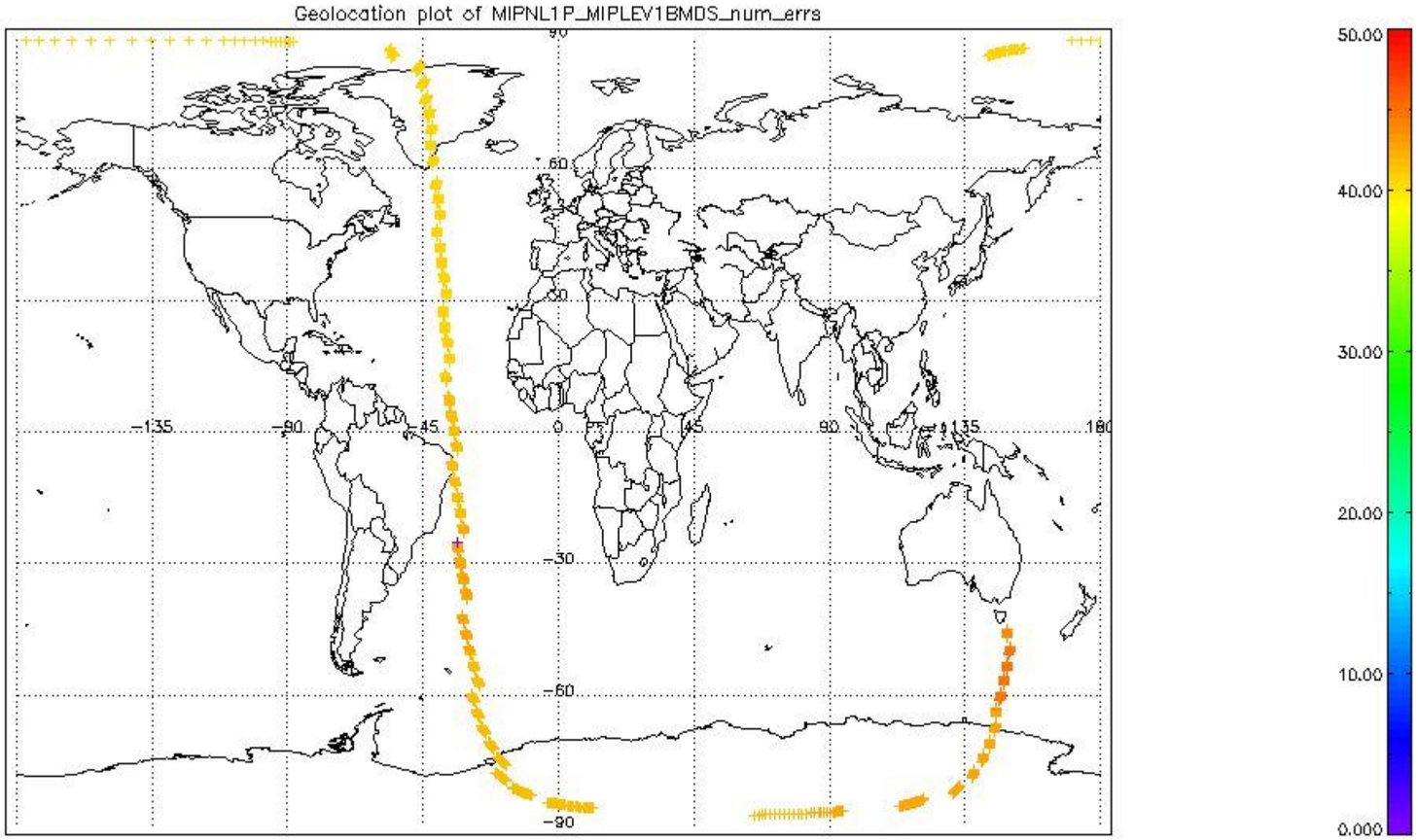
mipas_daily_report_level1_OFL_MIPAS_4_67_P_20061211_26.PNG



mipas_daily_report_level1_OFL_MIPAS_4_67_P_20061211_27.PNG

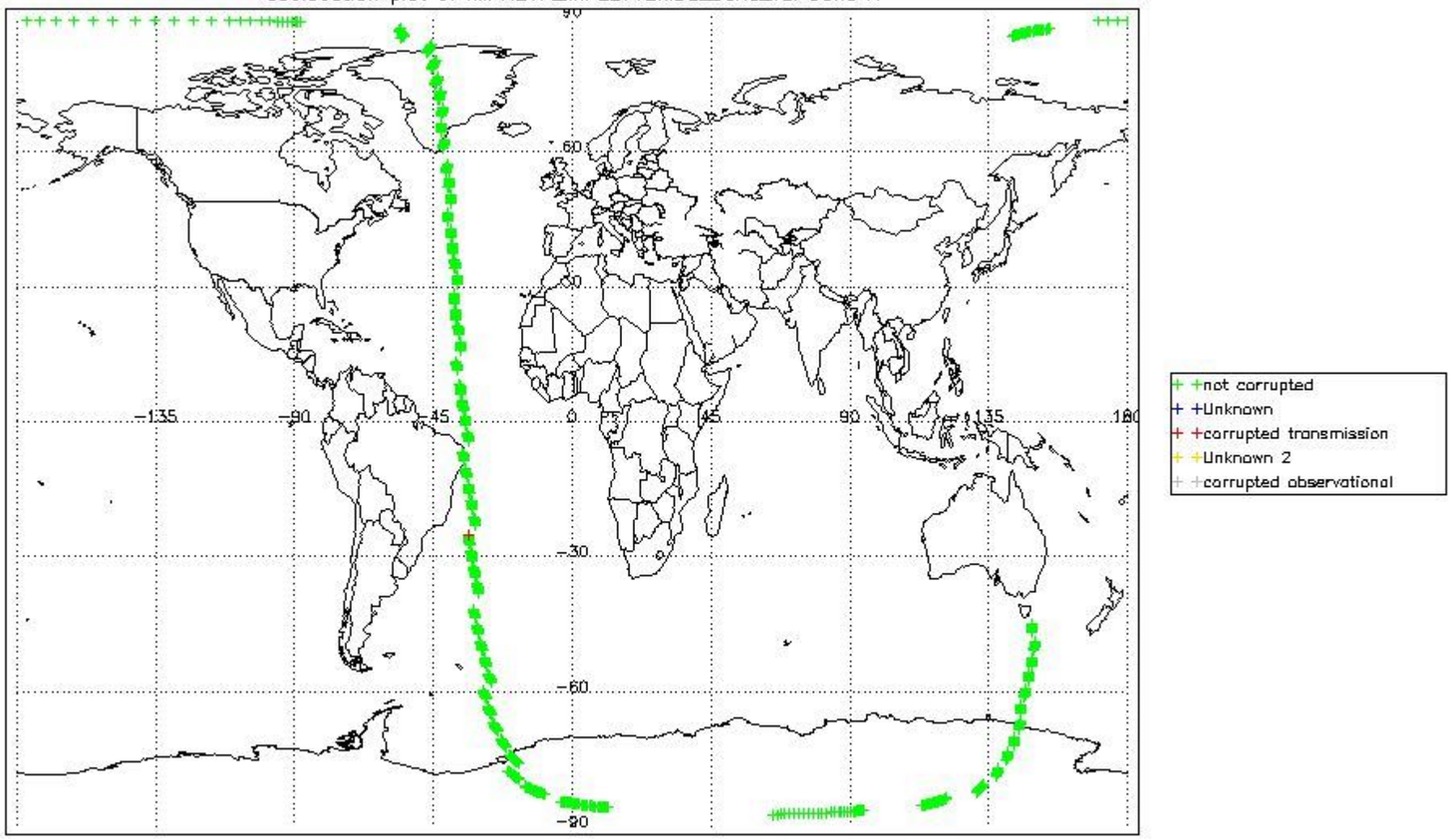


mipas_daily_report_level1_OFL_MIPAS_4_67_P_20061211_28.PNG



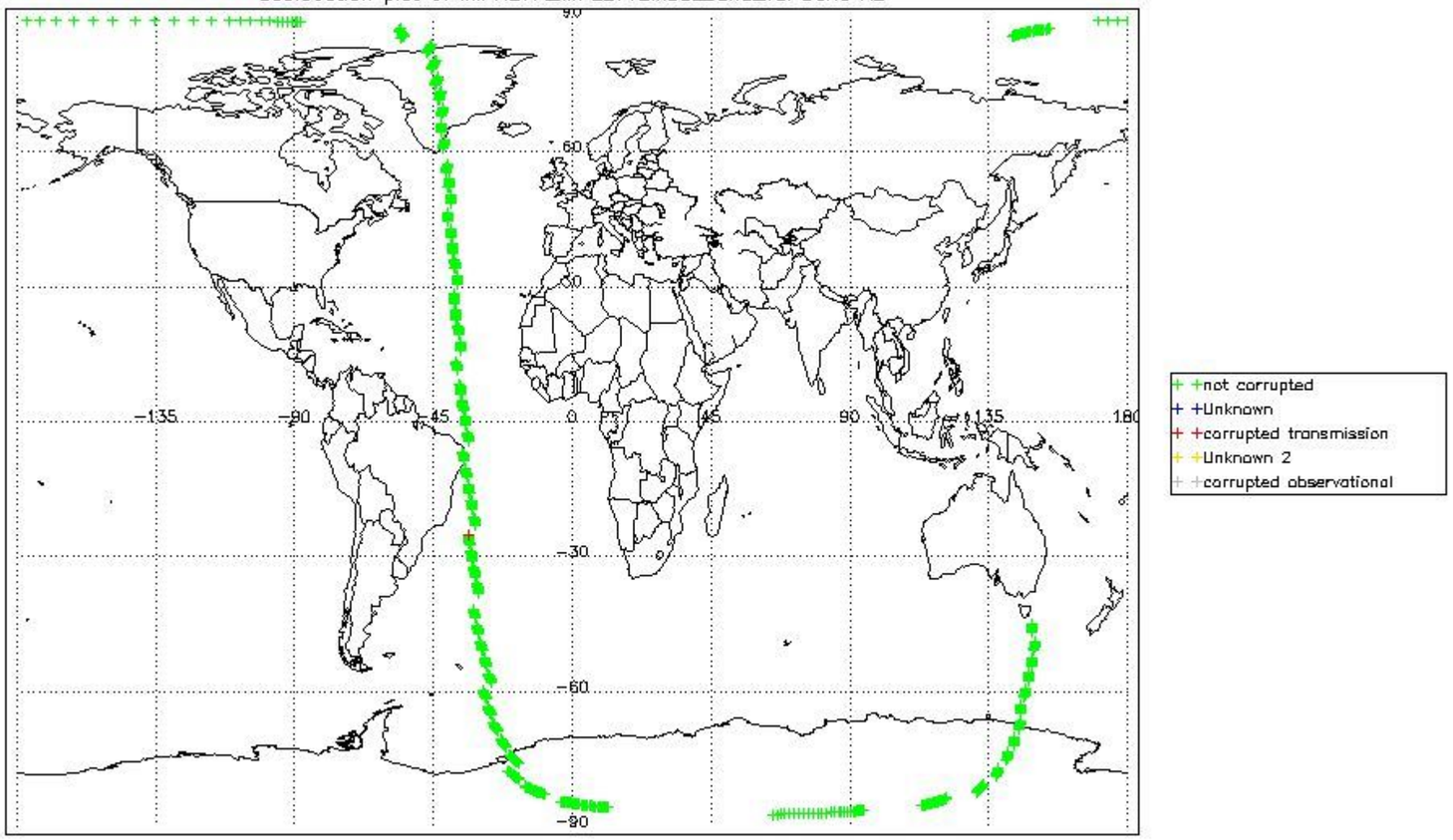
mipas_daily_report_level1_OFL_MIPAS_4_67_P_20061211_29.PNG

mipas_daily_report_level1_OFL_MIPAS_4_67_P_20061211_30.PNG



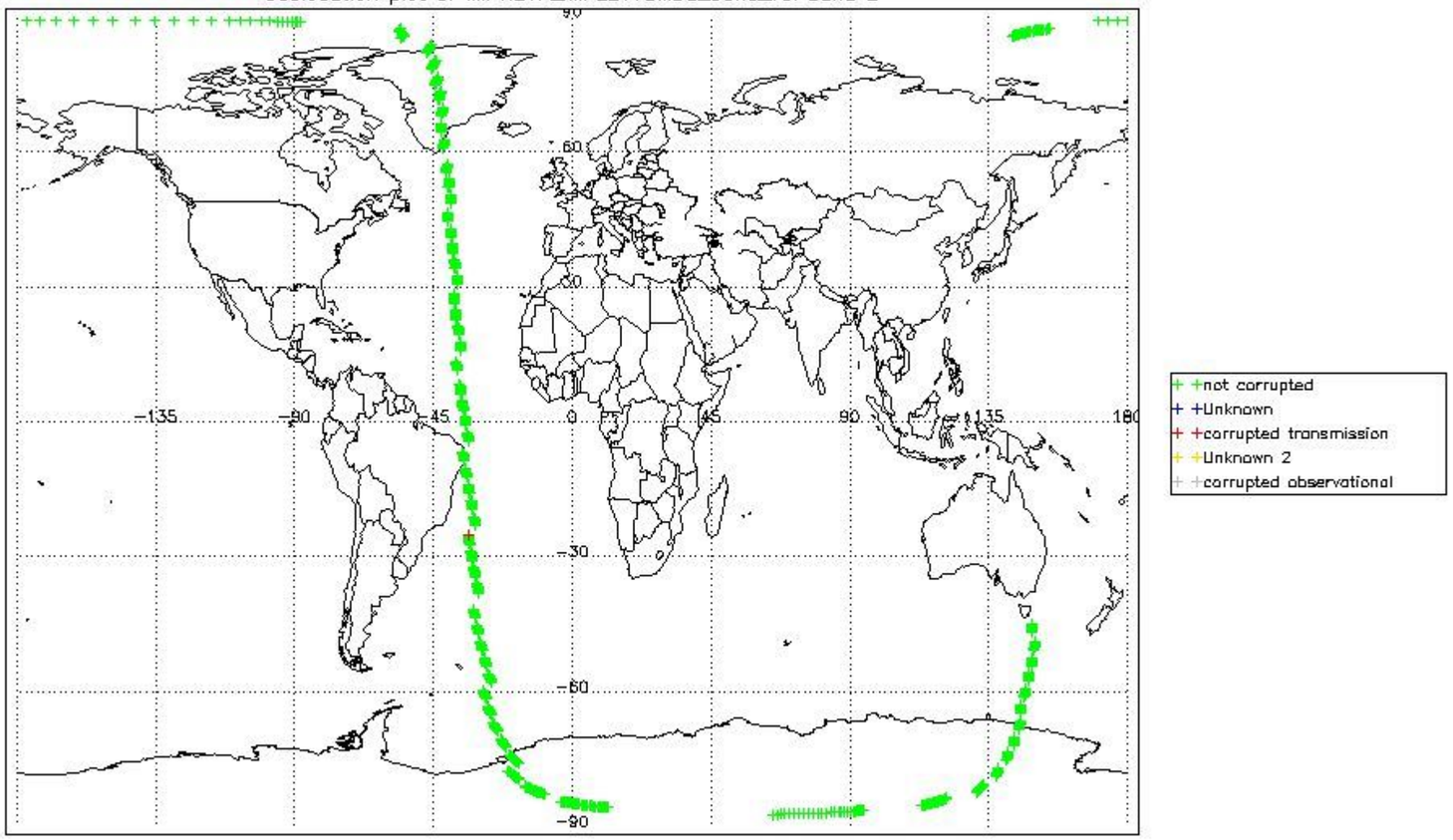
mipas_daily_report_level1_OFL_MIPAS_4_67_P_20061211_31.PNG

mipas_daily_report_level1_OFL_MIPAS_4_67_P_20061211_32.PNG



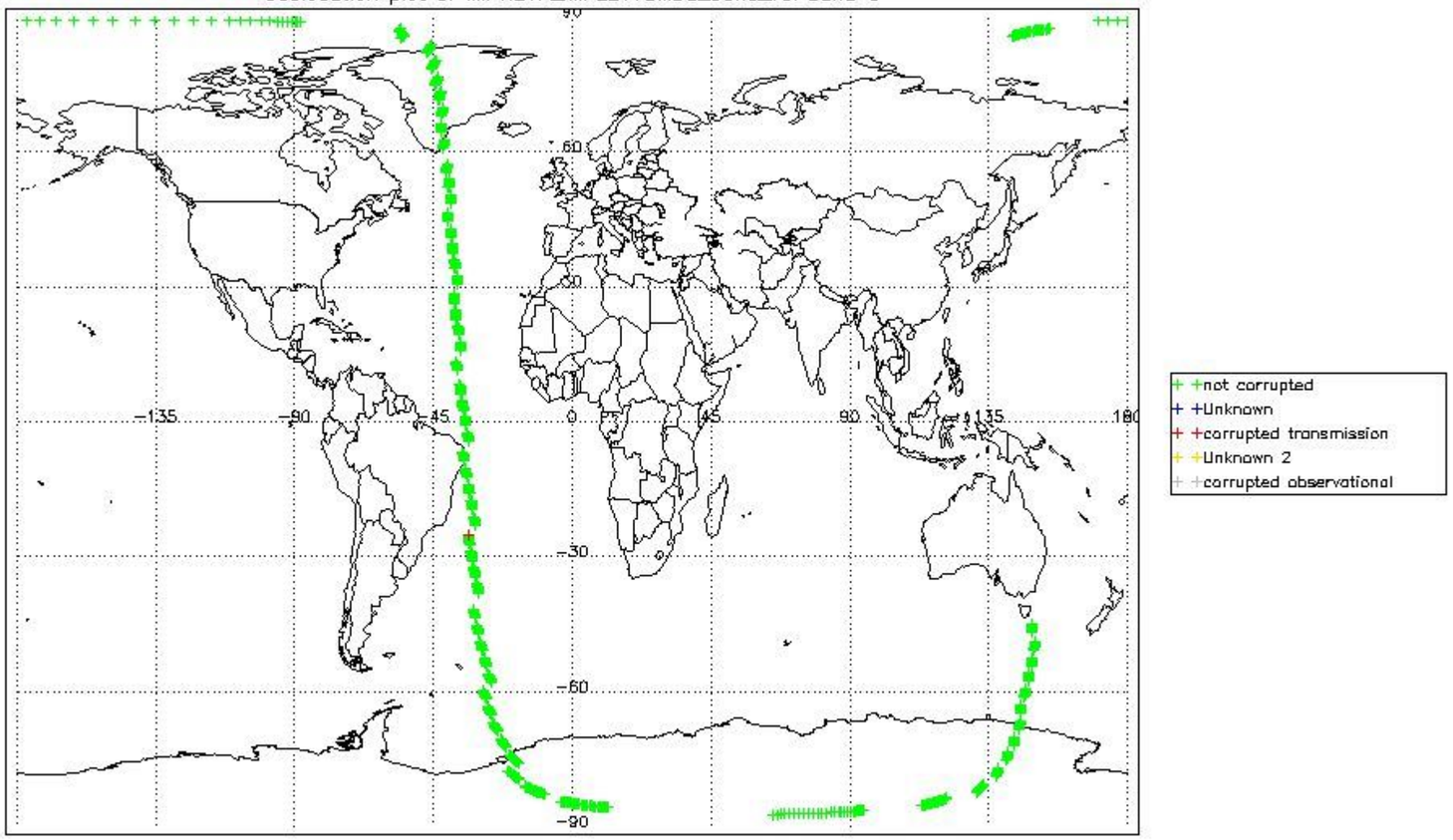
mipas_daily_report_level1_OFL_MIPAS_4_67_P_20061211_33.PNG

mipas_daily_report_level1_OFL_MIPAS_4_67_P_20061211_34.PNG



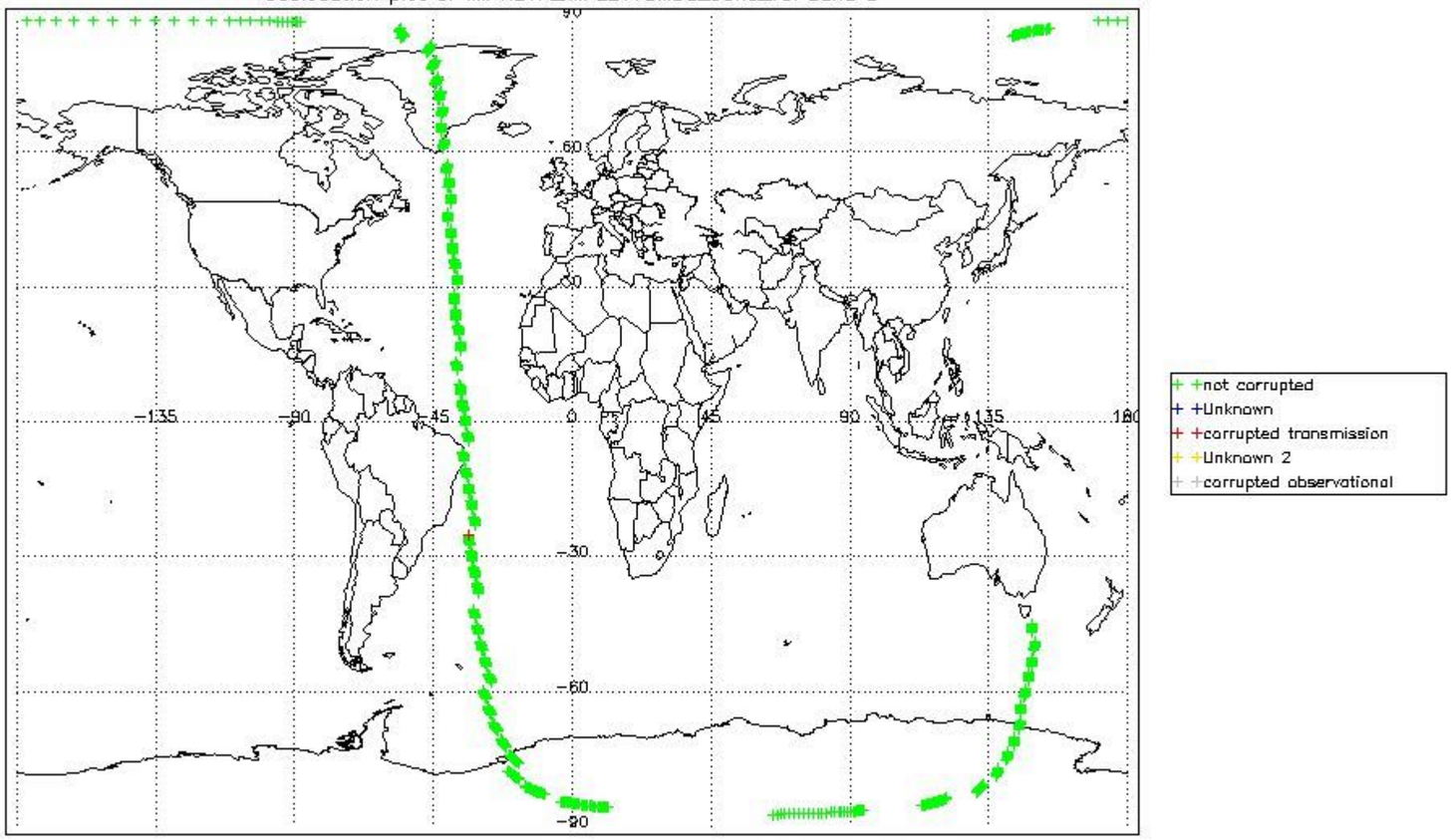
mipas_daily_report_level1_OFL_MIPAS_4_67_P_20061211_35.PNG

mipas_daily_report_level1_OFL_MIPAS_4_67_P_20061211_36.PNG



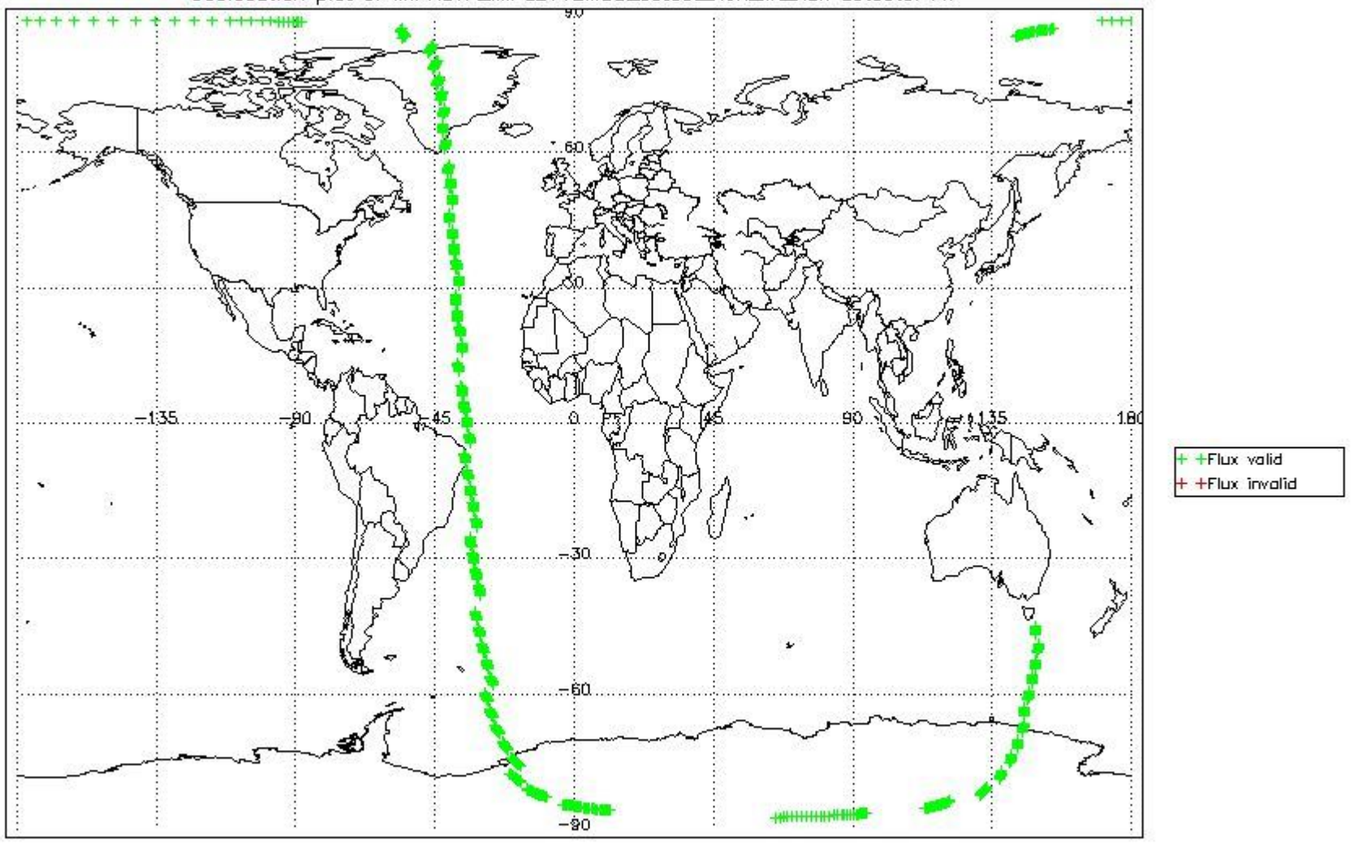
mipas_daily_report_level1_OFL_MIPAS_4_67_P_20061211_37.PNG

mipas_daily_report_level1_OFL_MIPAS_4_67_P_20061211_38.PNG

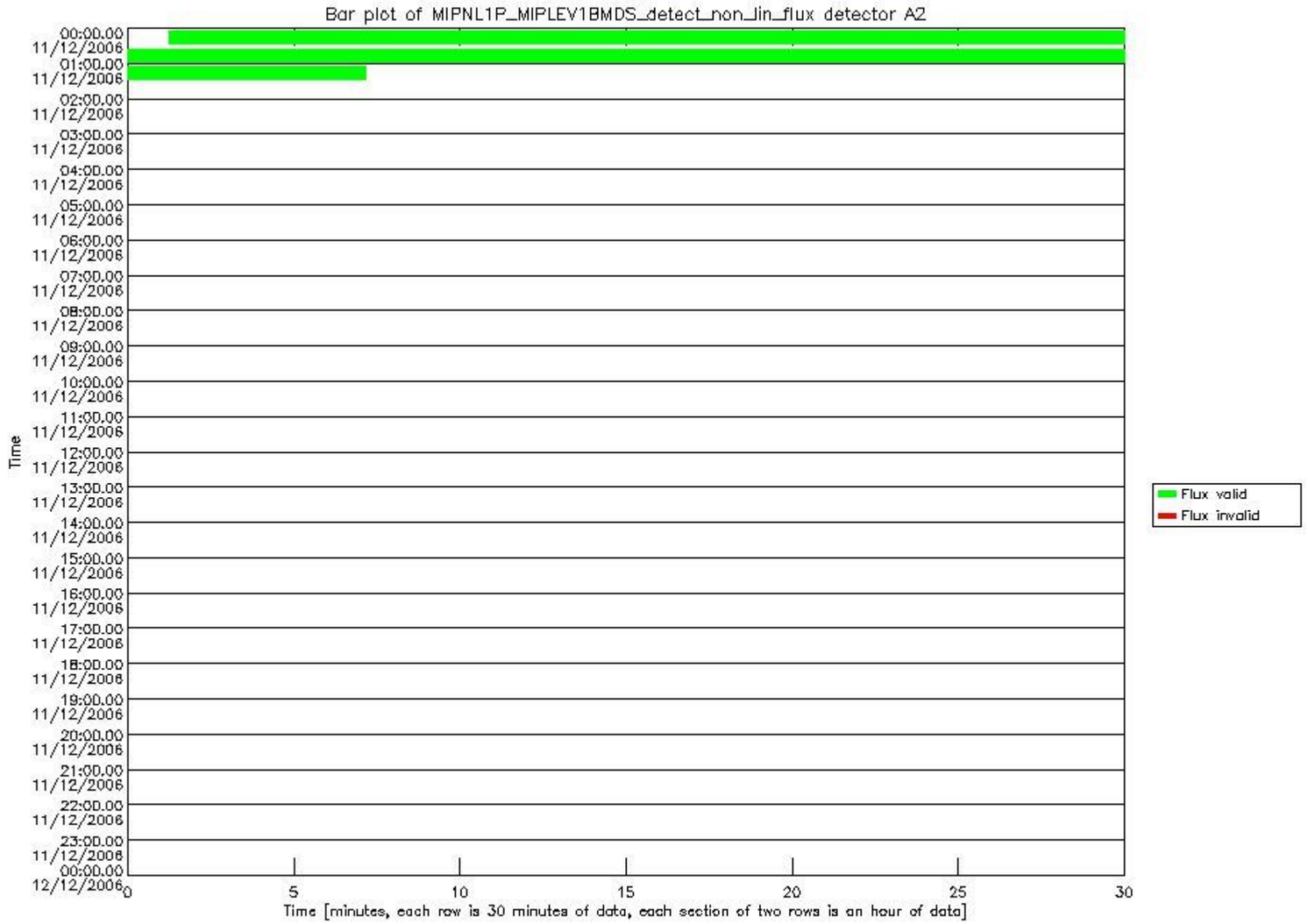


mipas_daily_report_level1_OFL_MIPAS_4_67_P_20061211_39.PNG

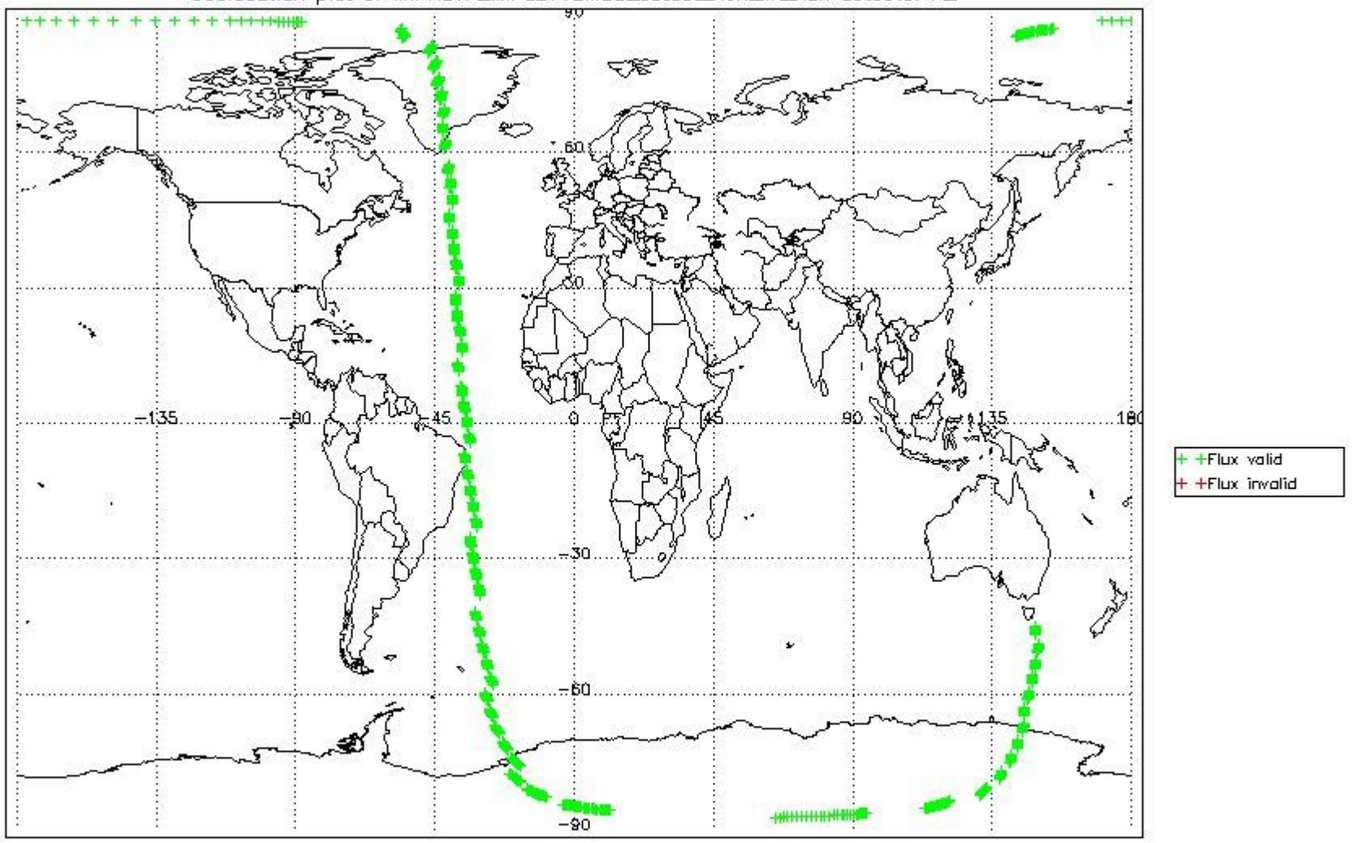
mipas_daily_report_level1_OFL_MIPAS_4_67_P_20061211_40.PNG



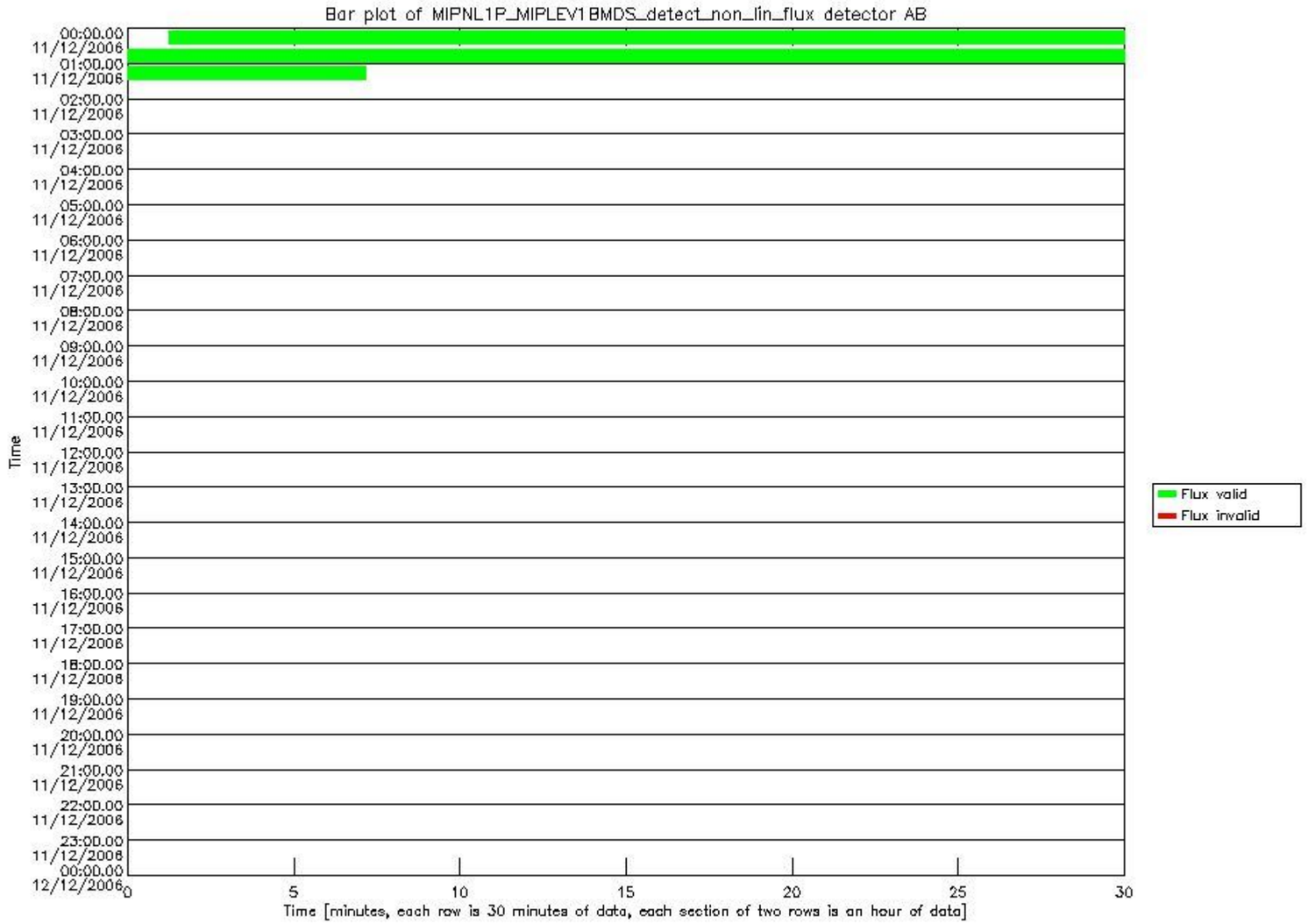
mipas_daily_report_level1_OFL_MIPAS_4_67_P_20061211_41.PNG



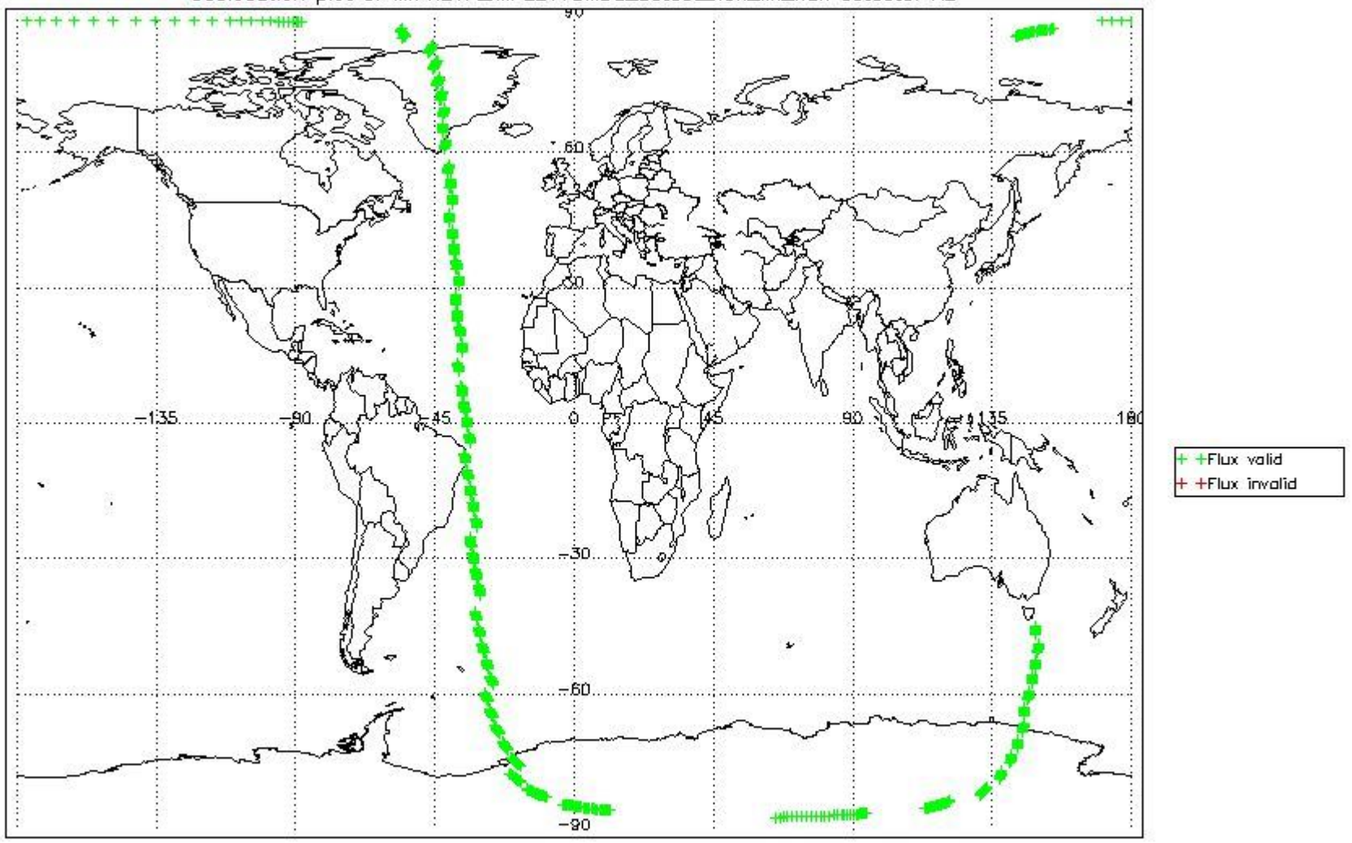
mipas_daily_report_level1_OFL_MIPAS_4_67_P_20061211_42.PNG



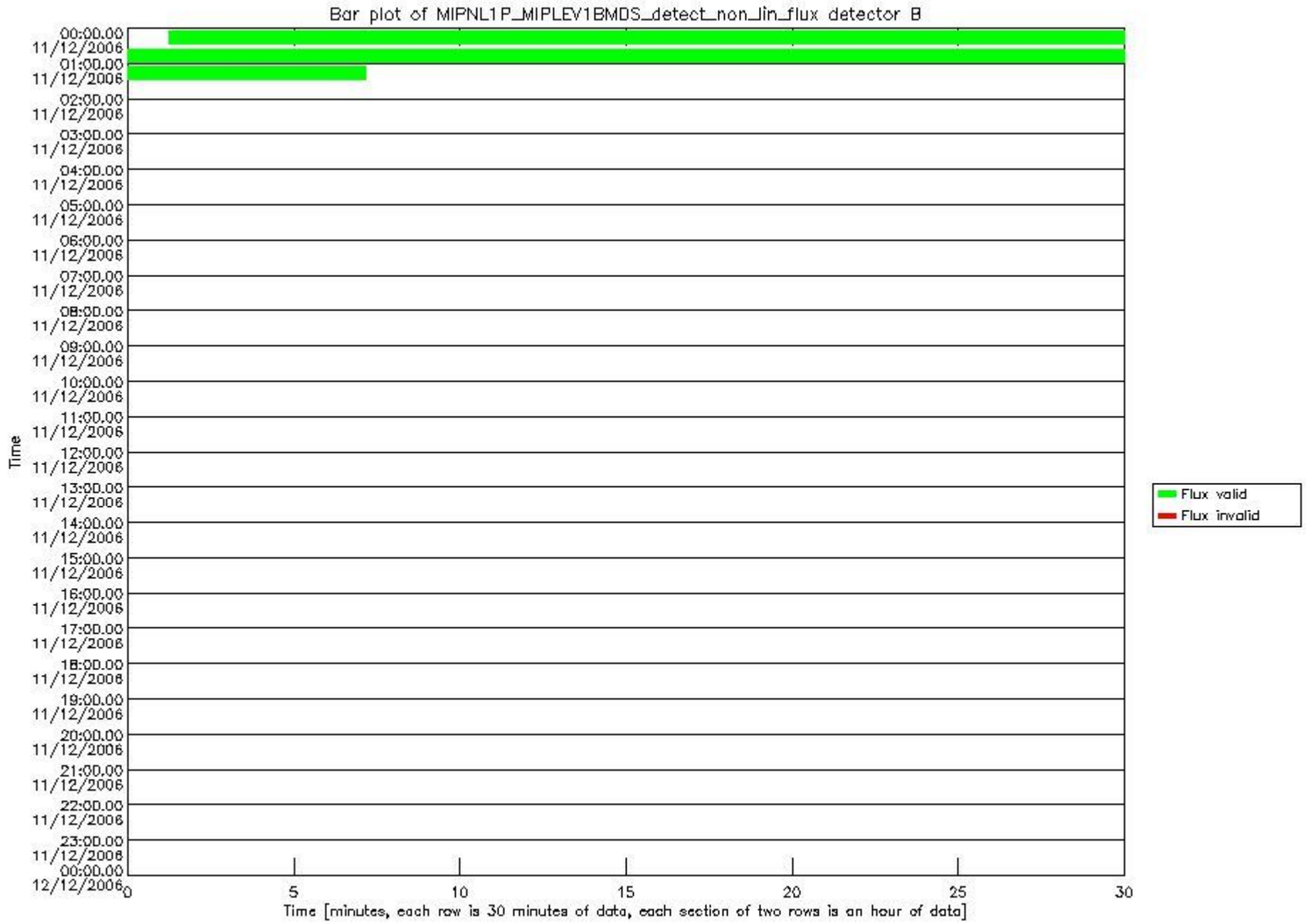
mipas_daily_report_level1_OFL_MIPAS_4_67_P_20061211_43.PNG



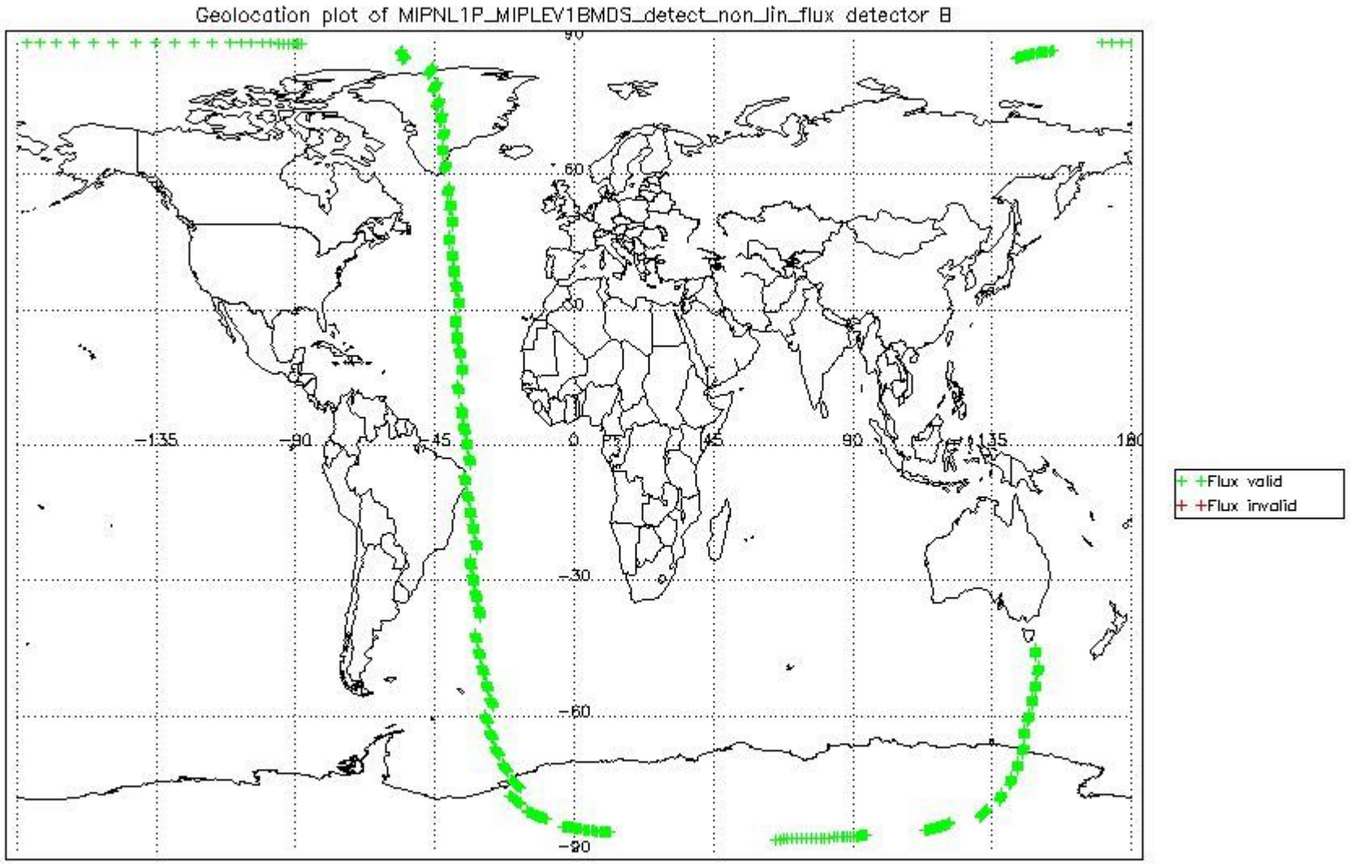
mipas_daily_report_level1_OFL_MIPAS_4_67_P_20061211_44.PNG



mipas_daily_report_level1_OFL_MIPAS_4_67_P_20061211_45.PNG



mipas_daily_report_level1_OFL_MIPAS_4_67_P_20061211_46.PNG



mipas_daily_report_level1_OFL_MIPAS_4_67_P_20061211_47.PNG

1.2.3 Scan information ADS

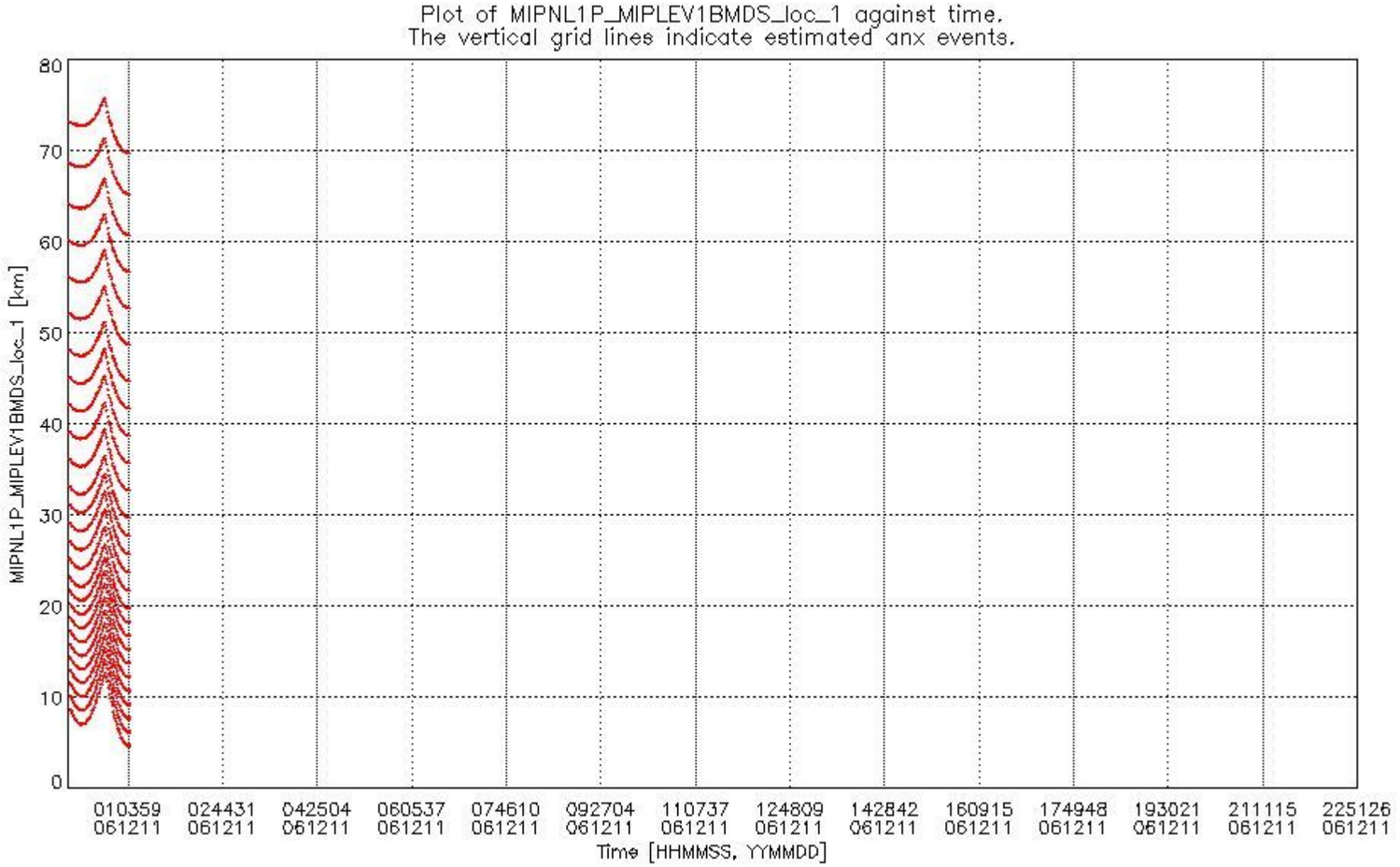
The following plots each contain 100 squares. Each square contains one NESR-scan (from MIPNL1P_SCAINFADS_nesr_data).

The horizontal axis represents the sweep ID (starts at 1). A maximum of 19 sweeps per scan can be displayed.
The vertical axis shows the NESR data point index (starts at 0), which relates to wavenumber. A maximum of 200 wavenumber-points per NESR-measurement can be displayed.
The data values themselves are indicated by colours (as indicated on the right of the plot). Please refer to the plot header for data units.

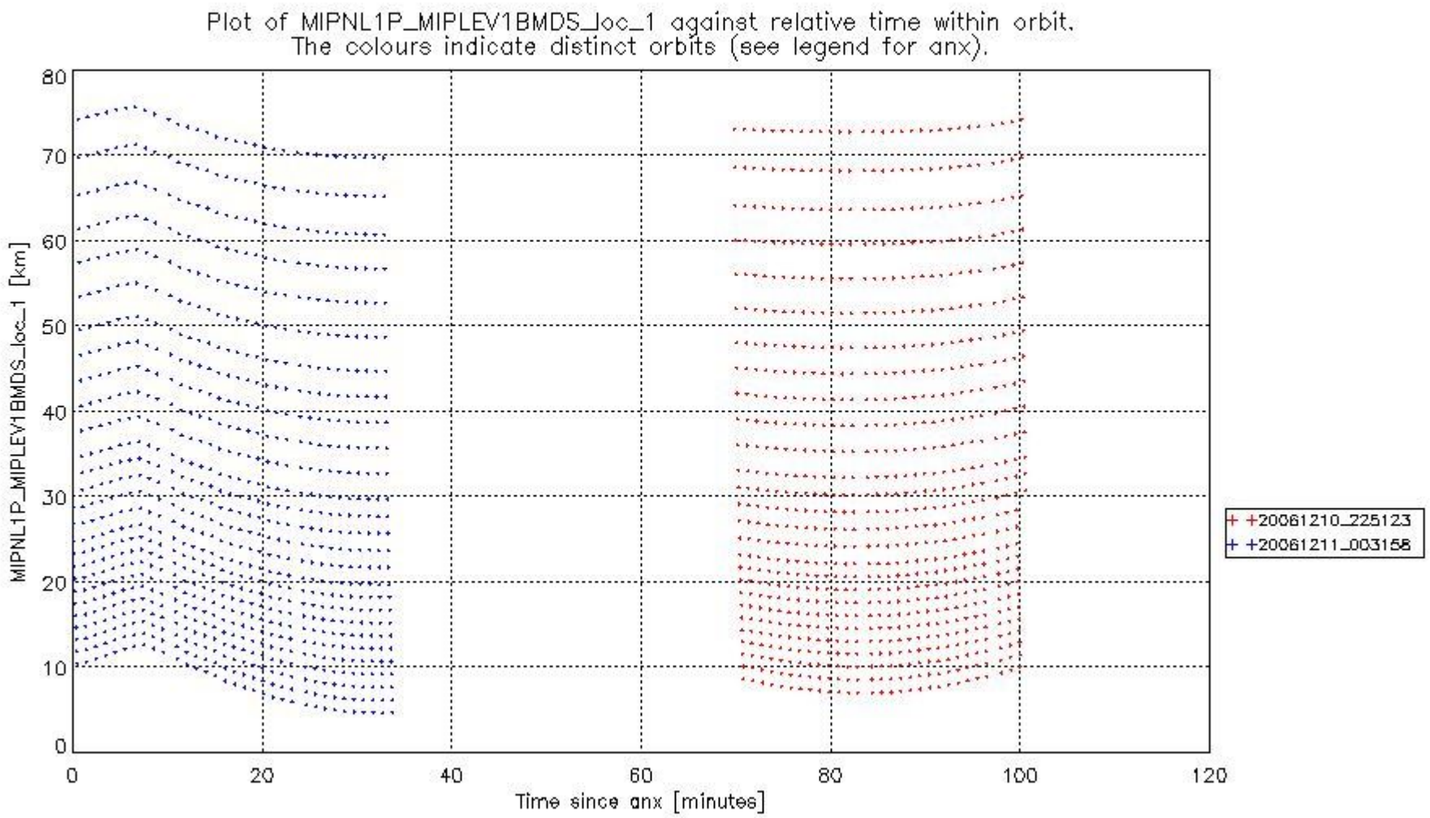
mipas_daily_report_level1_OFL_MIPAS_4_67_P_20061211_48.PNG

1.3 Physical Quality Indicators

1.3.1 Tangent altitude



mipas_daily_report_level1_OFL_MIPAS_4_67_P_20061211_49.PNG



mipas_daily_report_level1_OFL_MIPAS_4_67_P_20061211_50.PNG

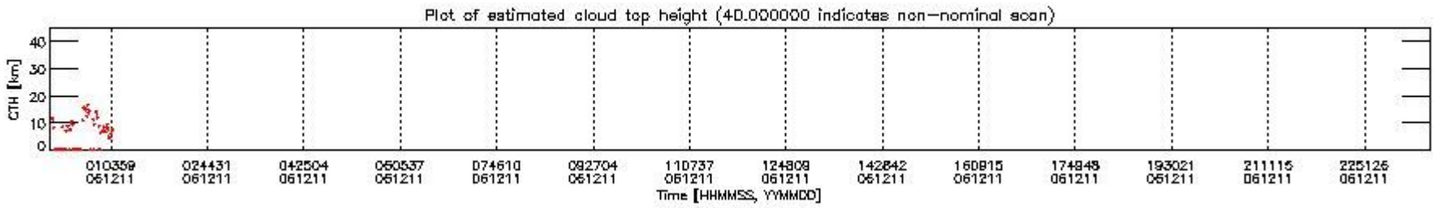
1.3.2 Cloud top height

The following plots show an estimation of cloud top height, based on the ratio of two microwindows. Reference: R. Spang, J.J. Remedios and M.P. Barkley, "Colour indices for the detection and differentiation of cloud types in infra-red limb emission spectra", Adv Space Res, 33:1041-1047, (2004)

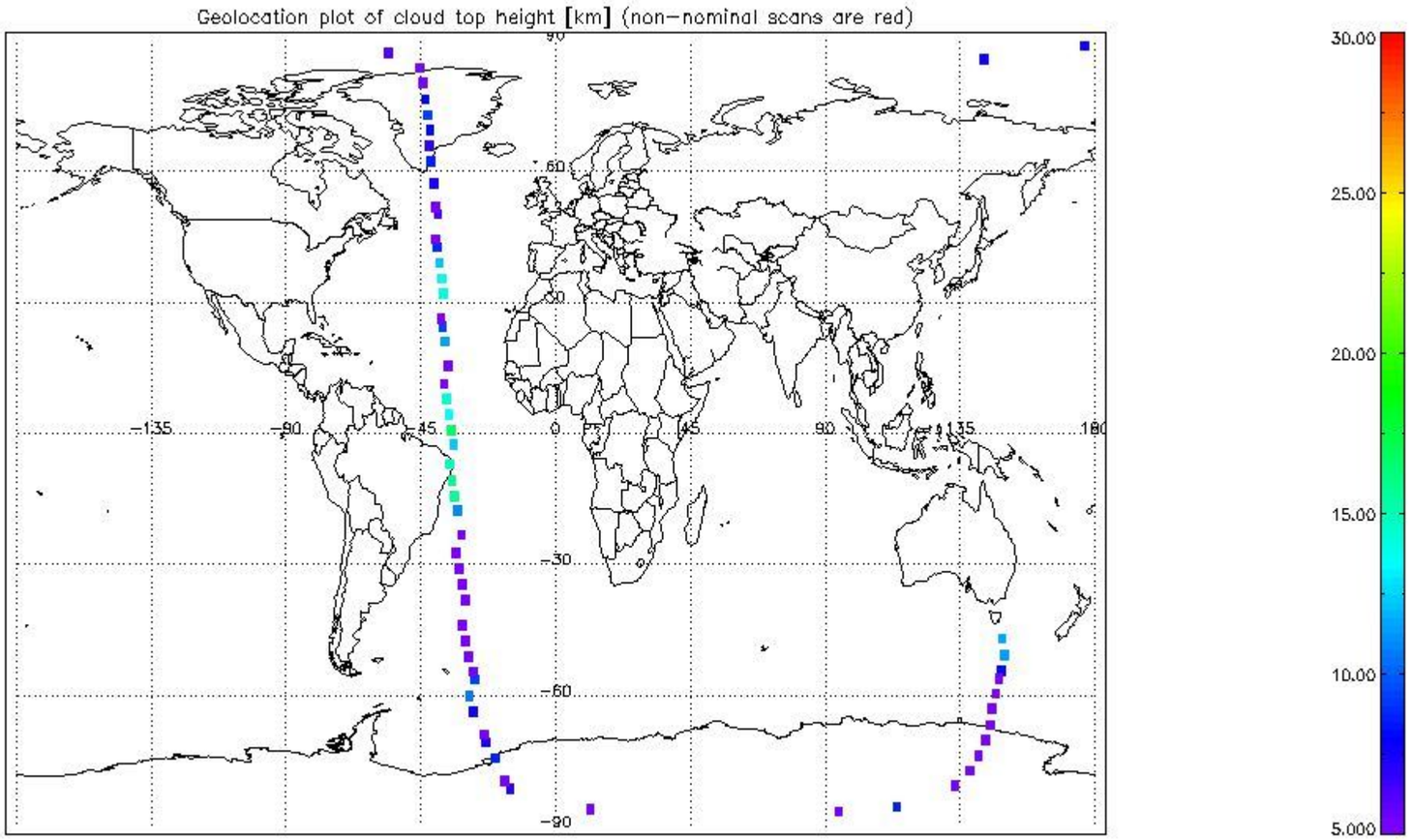
The non-nominal scans mentioned in the plots are scans that are rejected by the cloud top height algorithm for several reasons:

- Unconsidered instrument mode. The algorithm only considers nominal (39169) and special event (39172) instrument modes.
- Incomplete scan (missing sweeps)

Item	Value
Microwindow 1 description	Average of band A pixels 1651-1680
Microwindow 2 description	Average of band A pixels 2357-2390
cloud index threshold (mw1/mw2)	1.8000000
Tangent height limit	40.000000



mipas_daily_report_level1_OFL_MIPAS_4_67_P_20061211_51.PNG



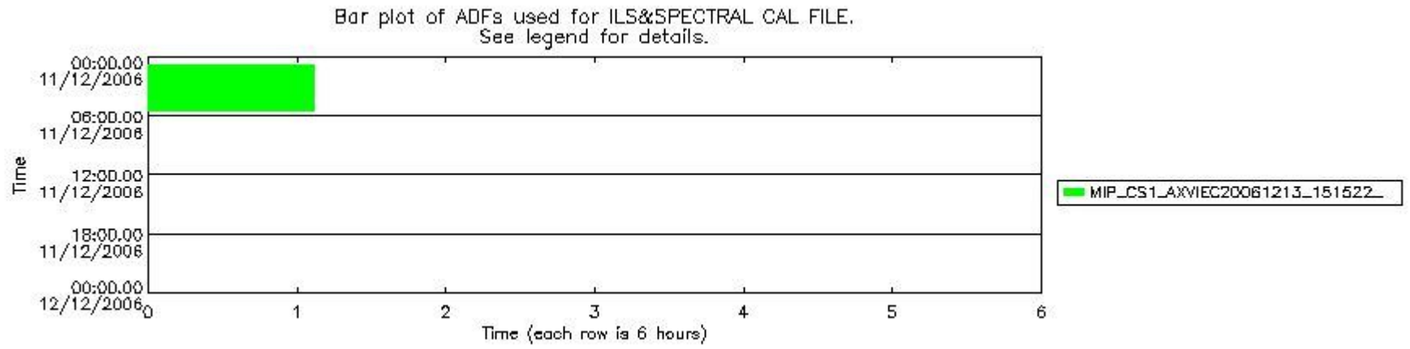
mipas_daily_report_level1_OFL_MIPAS_4_67_P_20061211_52.PNG

1.4 ADF monitoring

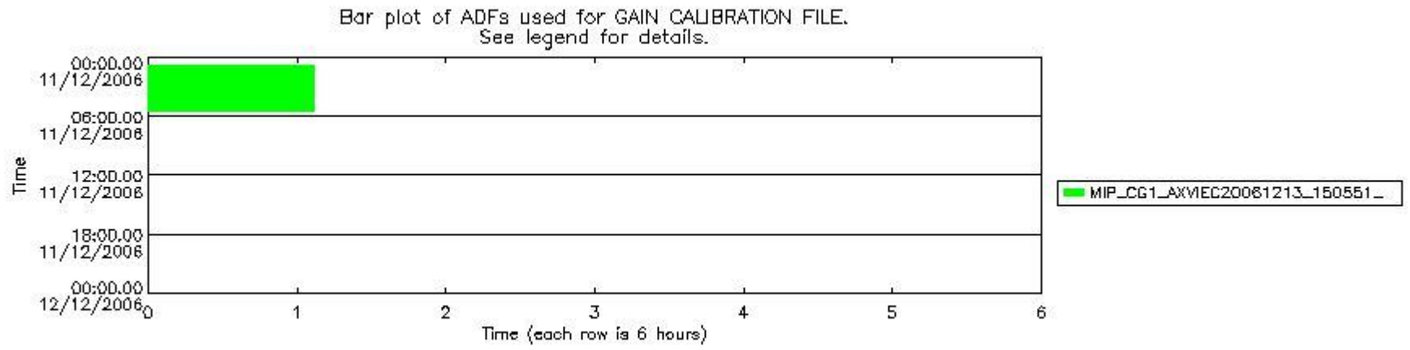
Number	ADF
0	AUX_FRO_AXVPDS20061213_230758_20061210_221000_20061213_005000
1	MIP_CA1_AXVIEC20050627_094412_20040809_000000_20090809_000000
2	MIP_CG1_AXVIEC20061213_150551_20061208_000000_20111208_000000
3	MIP_CL1_AXVIEC20050420_152028_20050420_095747_20100420_095747
4	MIP_CO1_AXVIEC20061213_175715_20061208_000000_20111208_000000
5	MIP_CS1_AXVIEC20061213_151522_20061208_000000_20111208_000000
6	MIP_MW1_AXVIEC20050627_094928_20040809_000000_20090809_000000

7	MIP_PS1_AXVIEC20050627_100609_20040809_000000_20090809_000000

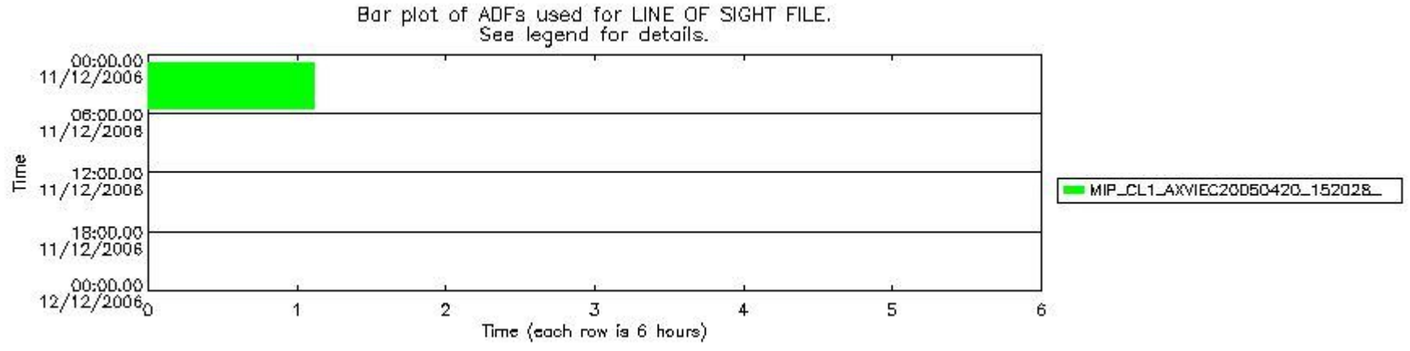
Number	Product name	#CS1	#CG1	#CL1	#CA1	#CO1	#MW1	#PS1	#FPO
0	MIP_NL__1PPDPA20061210_225155_000060302053_00388_24991_0308.N1	5	2	3	1	4	6	7	0
1	MIP_NL__1PPDPA20061211_003231_000019922053_00389_24992_0309.N1	5	2	3	1	4	6	7	0



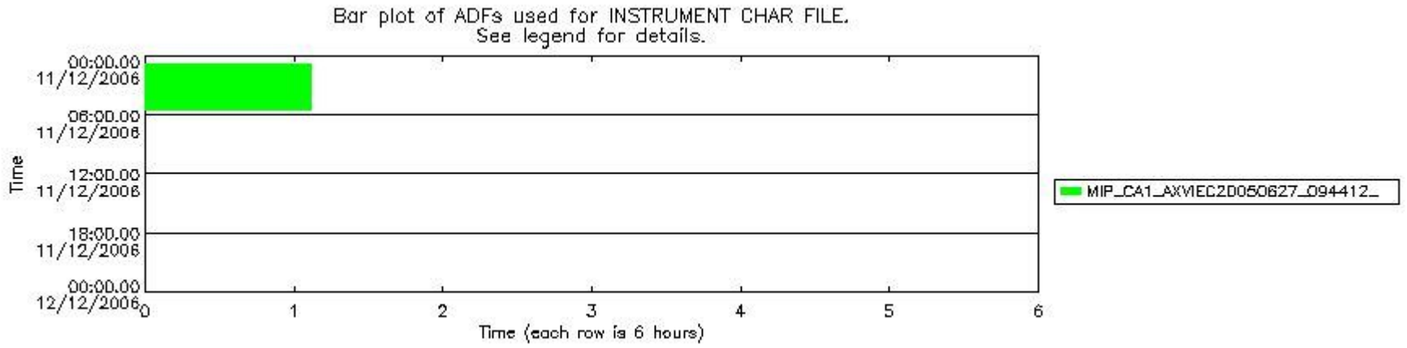
mipas_daily_report_level1_OFL_MIPAS_4_67_P_20061211_53.PNG



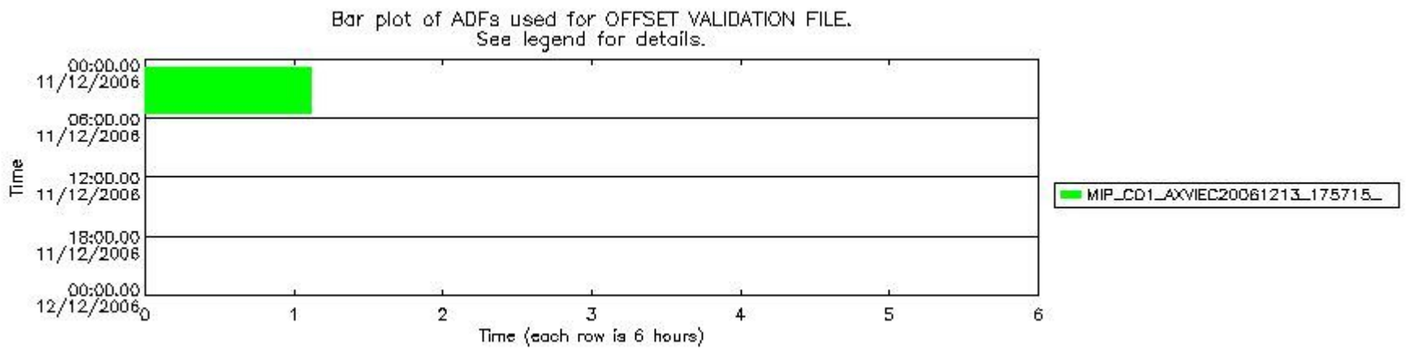
mipas_daily_report_level1_OFL_MIPAS_4_67_P_20061211_54.PNG



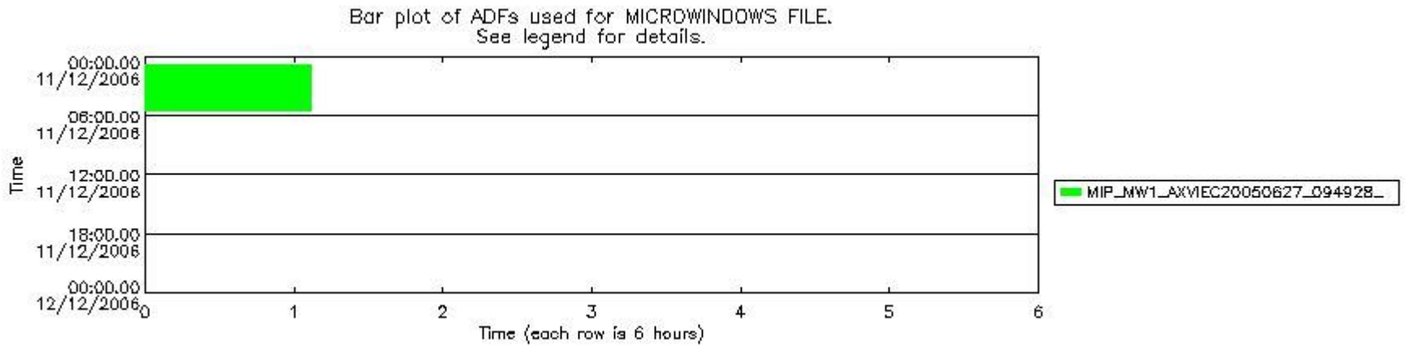
mipas_daily_report_level1_OFL_MIPAS_4_67_P_20061211_55.PNG



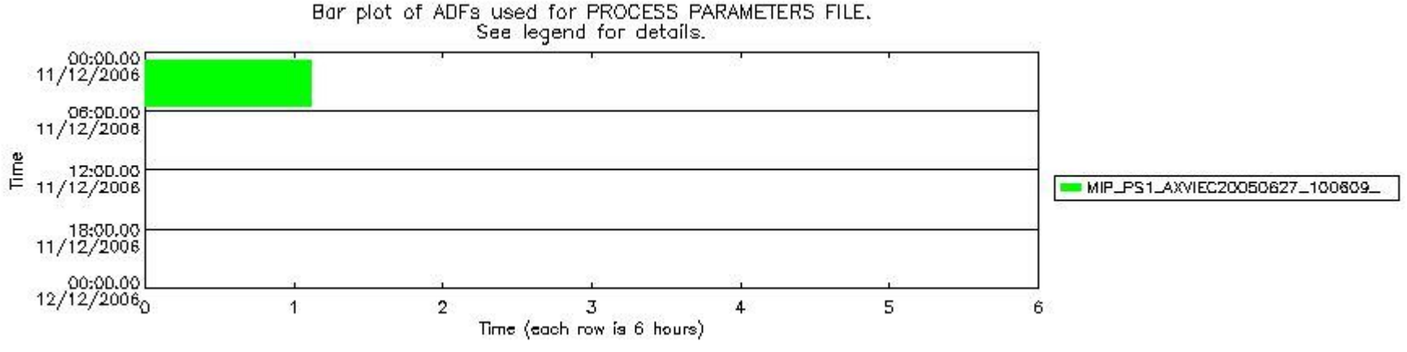
mipas_daily_report_level1_OFL_MIPAS_4_67_P_20061211_56.PNG



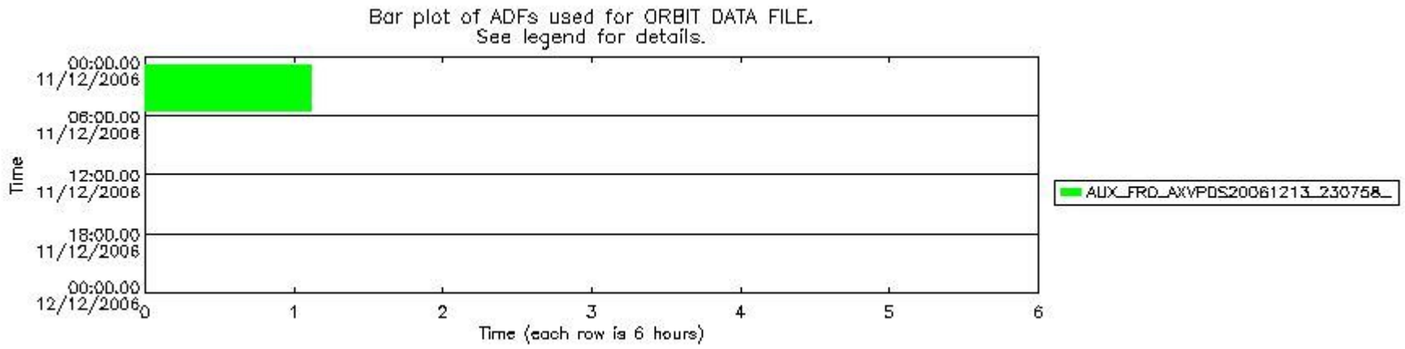
mipas_daily_report_level1_OFL_MIPAS_4_67_P_20061211_57.PNG



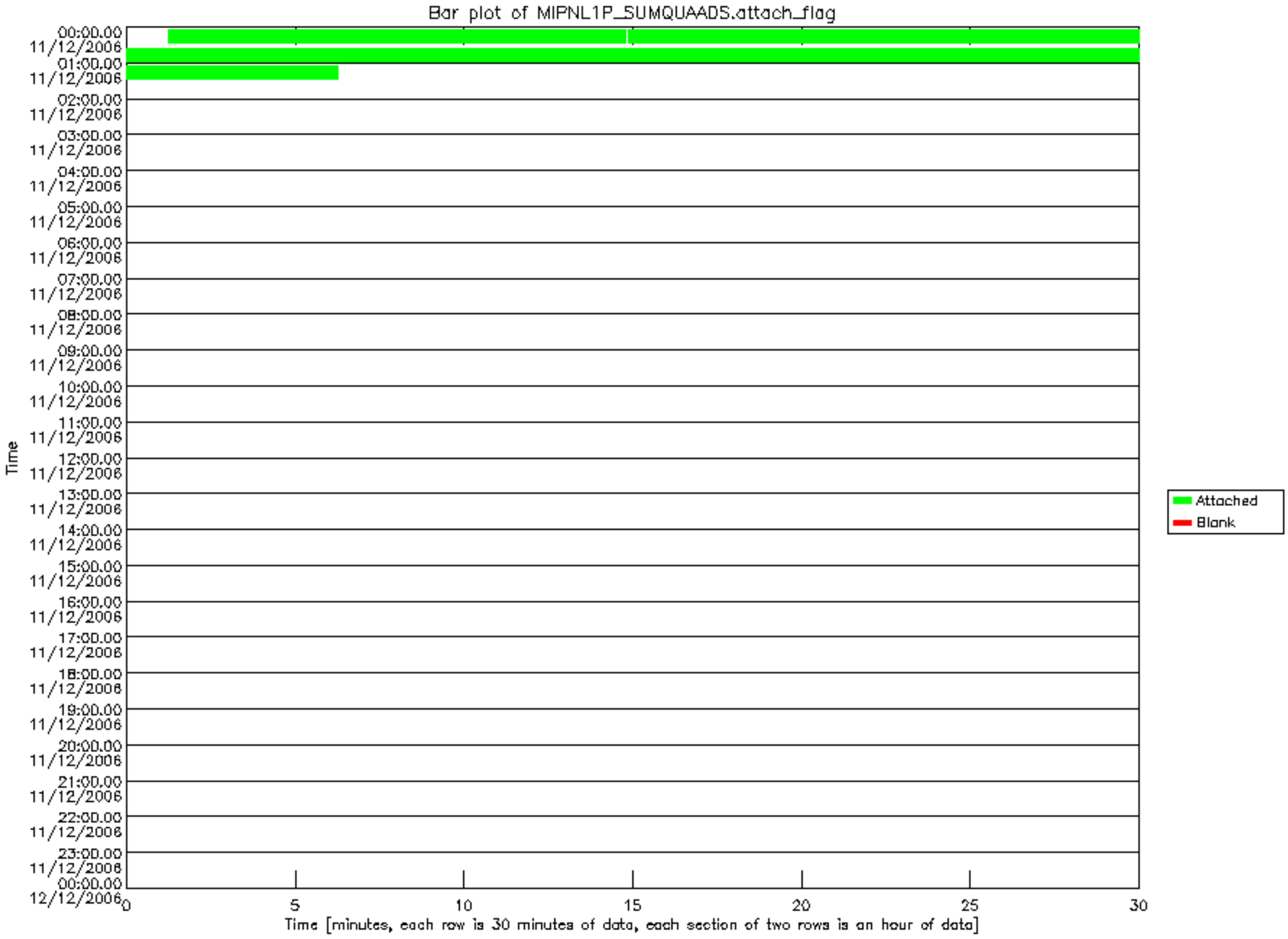
mipas_daily_report_level1_OFL_MIPAS_4_67_P_20061211_58.PNG

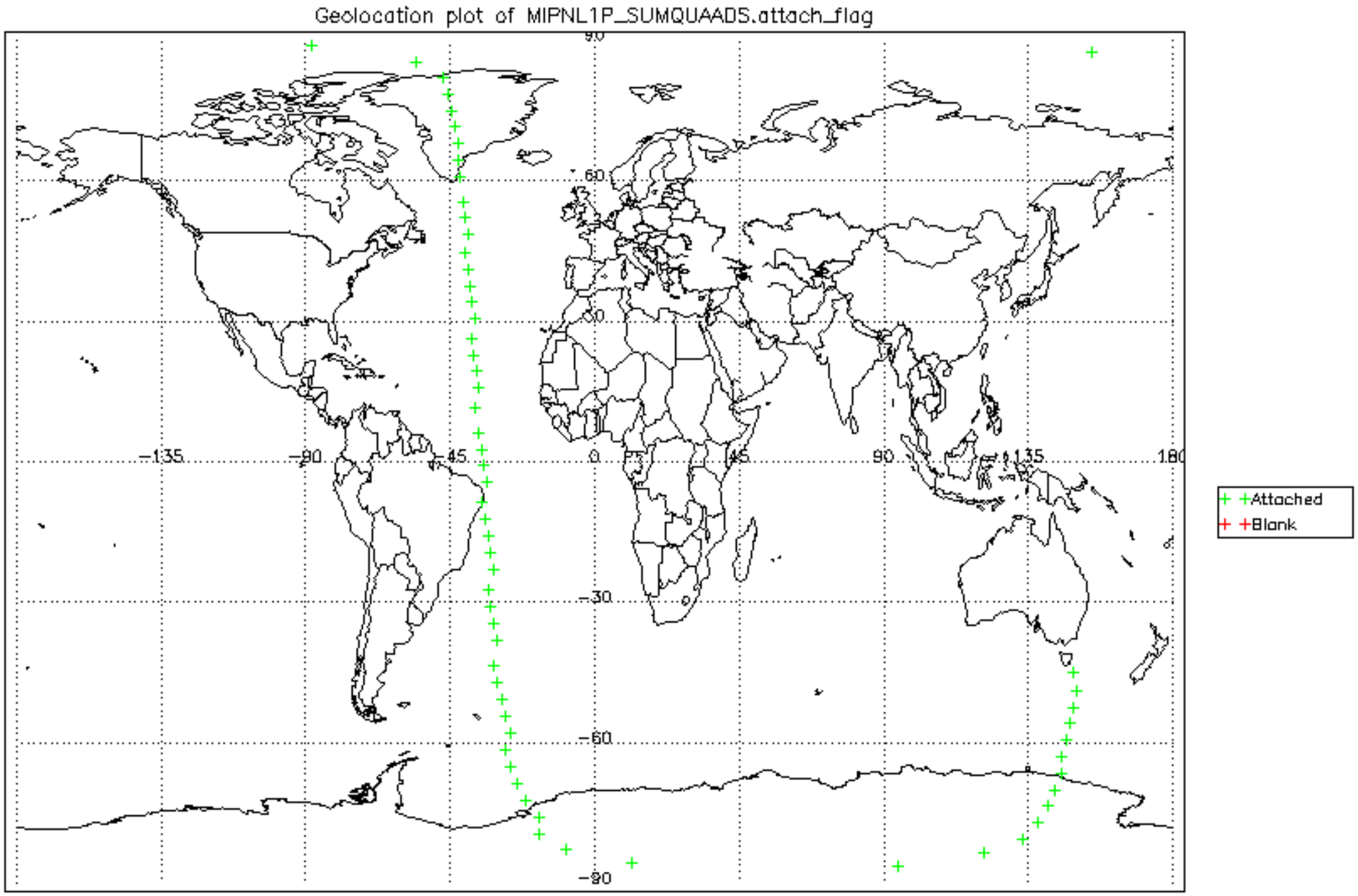


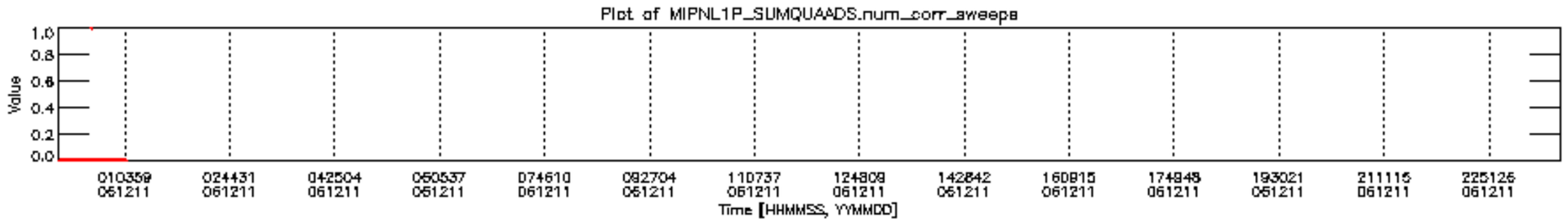
mipas_daily_report_level1_OFL_MIPAS_4_67_P_20061211_59.PNG



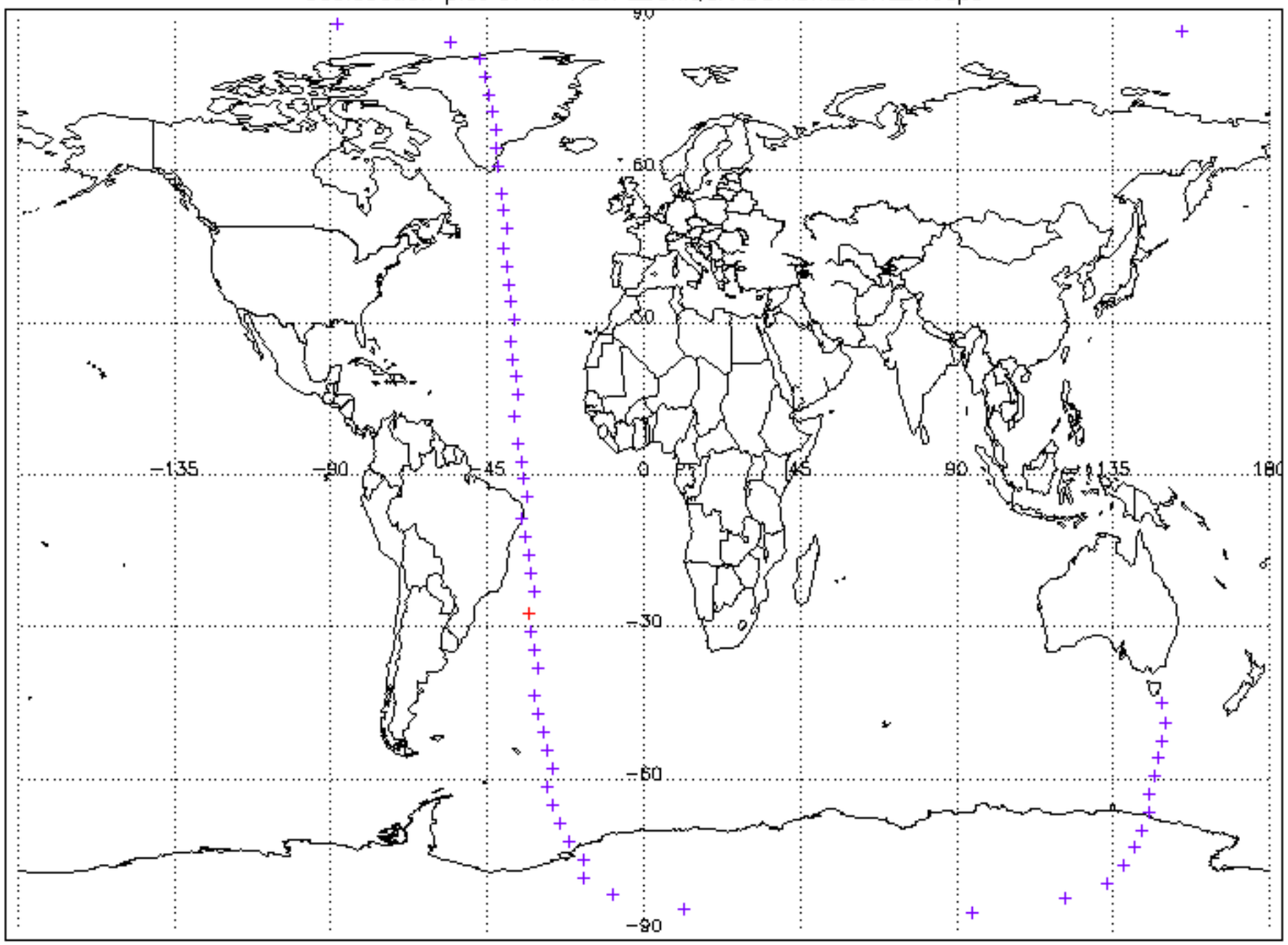
mipas_daily_report_level1_OFL_MIPAS_4_67_P_20061211_60.PNG

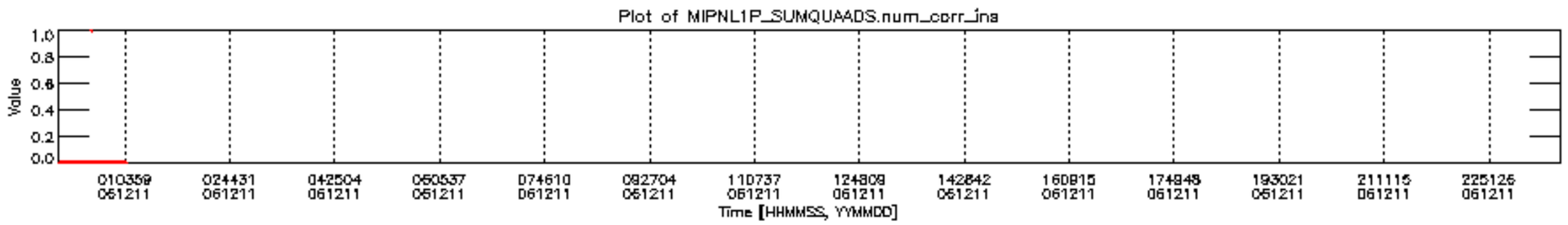

Bar plot of MIPNL1P_SUMQUAADS.attach_flag
Time
00:00.00 11/12/2006
01:00.00 11/12/2006
02:00.00 11/12/2006
03:00.00 11/12/2006
04:00.00 11/12/2006
05:00.00 11/12/2006
06:00.00 11/12/2006
07:00.00 11/12/2006
08:00.00 11/12/2006
09:00.00 11/12/2006
10:00.00 11/12/2006
11:00.00 11/12/2006
12:00.00 11/12/2006
13:00.00 11/12/2006
14:00.00 11/12/2006
15:00.00 11/12/2006
16:00.00 11/12/2006
17:00.00 11/12/2006
18:00.00 11/12/2006
19:00.00 11/12/2006
20:00.00 11/12/2006
21:00.00 11/12/2006
22:00.00 11/12/2006
23:00.00 11/12/2006
00:00.00 12/12/2006
0
5
10
15
20
25
30
Time [minutes, each row is 30 minutes of data, each section of two rows is an hour of data]
Attached
Blank


Geolocation plot of MIPNL1P_SUMQUAAD5.attach_flag
90
60
30
0
-30
-60
-90
-135
-90
-45
0
45
90
135
180
+Attached
+Blank

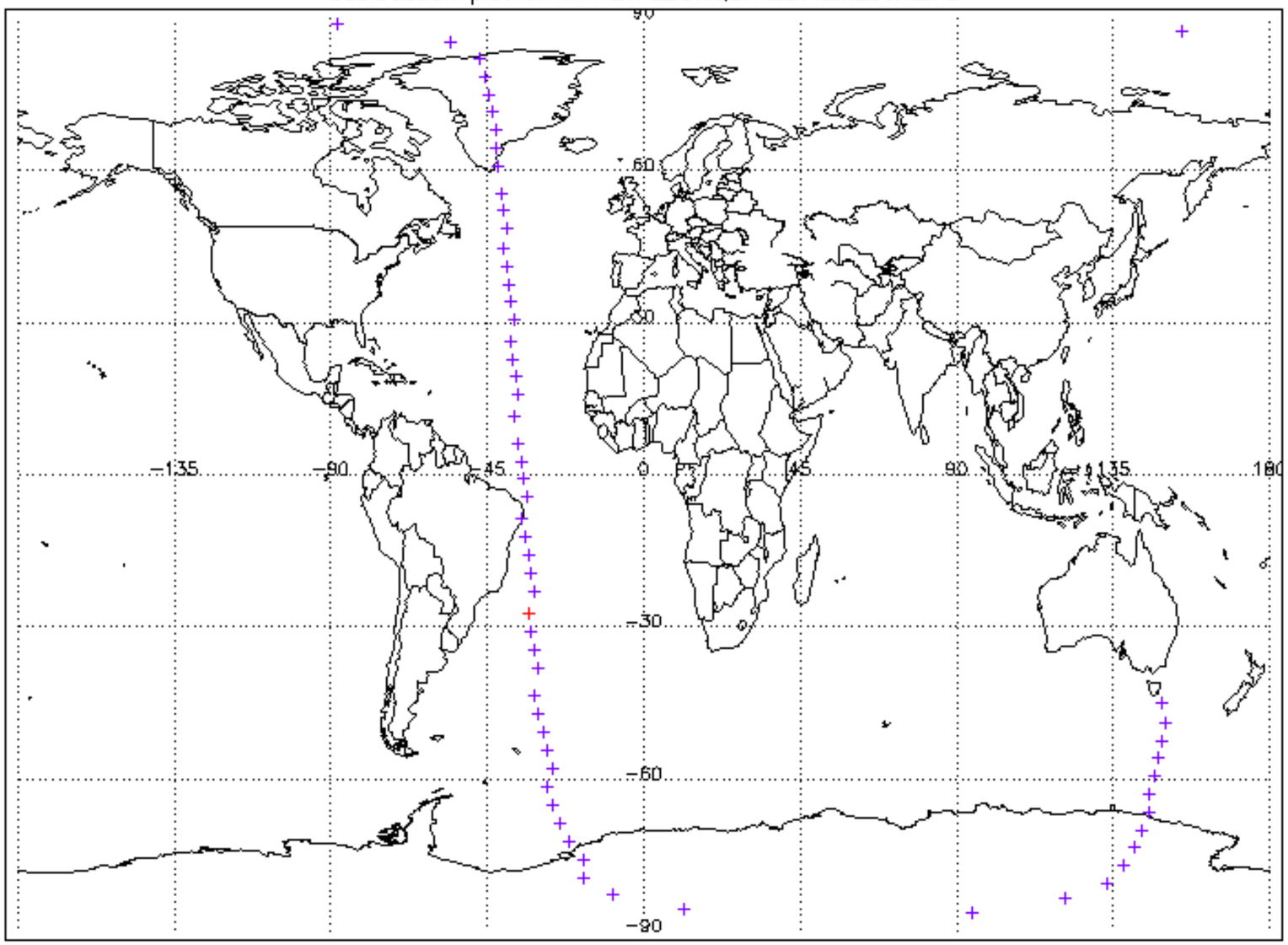

Plot of MIPNL1P_SUMQUAADS.num_corr_sweeps
Value
1.0
0.8
0.6
0.4
0.2
0.0
010359 061211
024431 061211
042504 061211
060537 061211
074610 061211
092704 061211
110737 061211
124809 061211
142842 061211
160915 061211
174948 061211
193021 061211
211115 061211
225126 061211
Time [HHMMSS, YYMMDD]

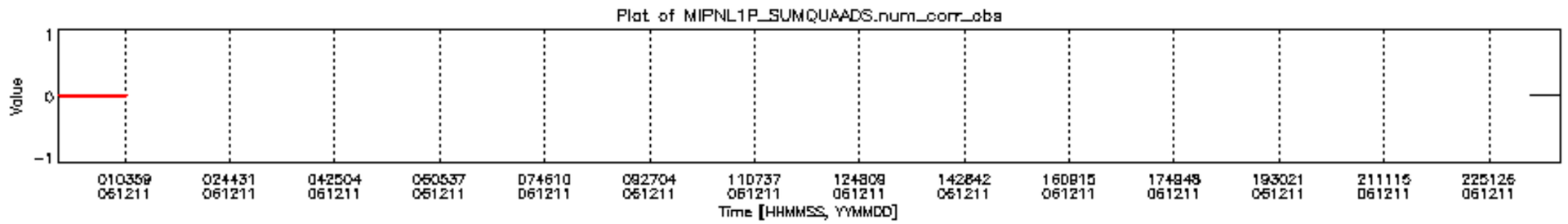
Geolocation plot of MIPNL1P_SUMQUAADS.num_corr_sweeps



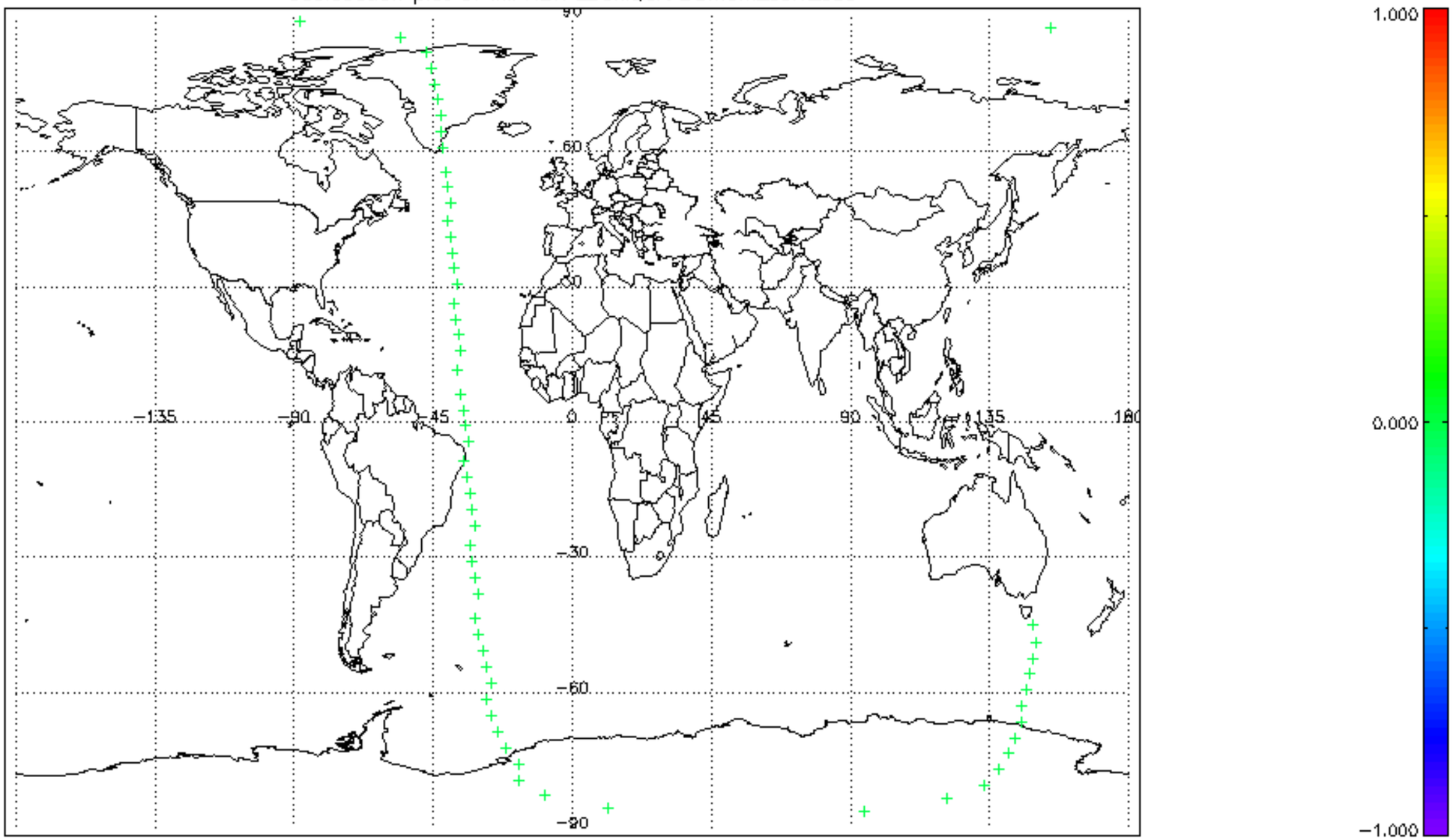

Plot of MIPNL1P_SUMQUAADS.num_corr_ina
Value
1.0
0.8
0.6
0.4
0.2
0.0
010359 061211
024431 061211
042504 061211
060537 061211
074610 061211
092704 061211
110737 061211
124809 061211
142842 061211
160915 061211
174948 061211
193021 061211
211115 061211
225126 061211
Time [HHMMSS, YYMMDD]

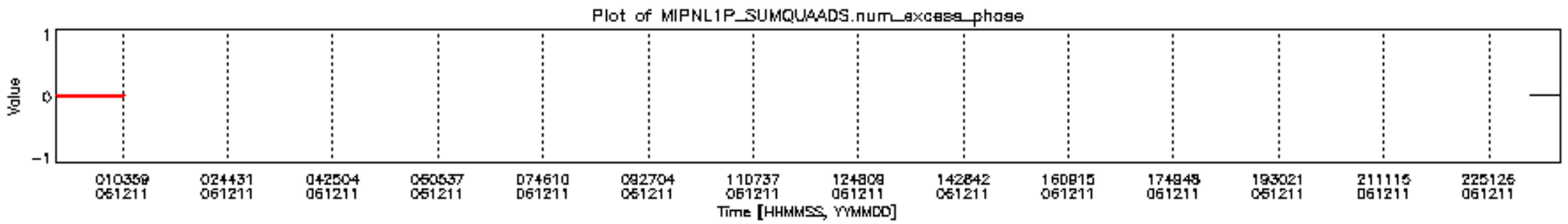
Geolocation plot of MIPNL1P_SUMQUAAD5.num_corr_ins

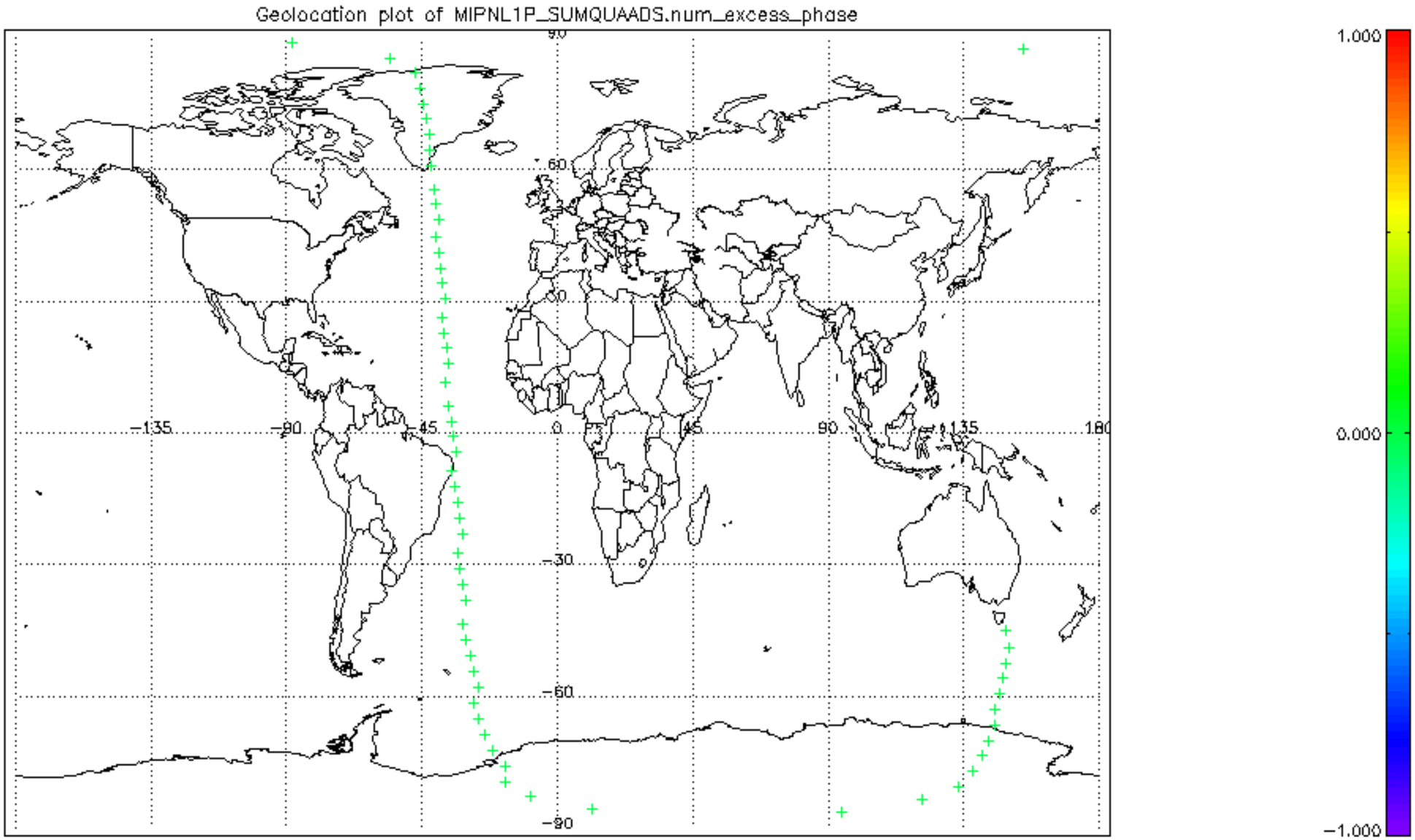


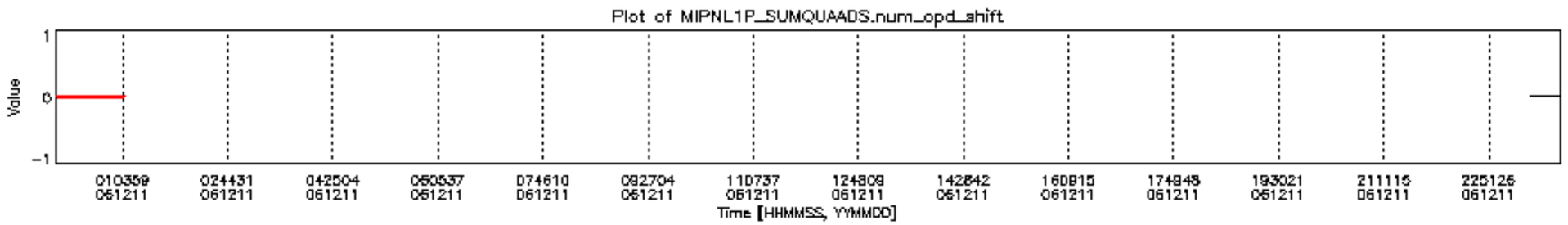

Plot of MIPNL1P_SUMQUAADS.num_corr_cba
1
0
−1
Value
010359 061211
024431 061211
042504 061211
060537 061211
074610 061211
092704 061211
110737 061211
124809 061211
142842 061211
160915 061211
174948 061211
193021 061211
211115 061211
225126 061211
Time [HHMMSS, YYMMDD]

Geolocation plot of MIPNL1P_SUMQUAADS.num_corr_obs

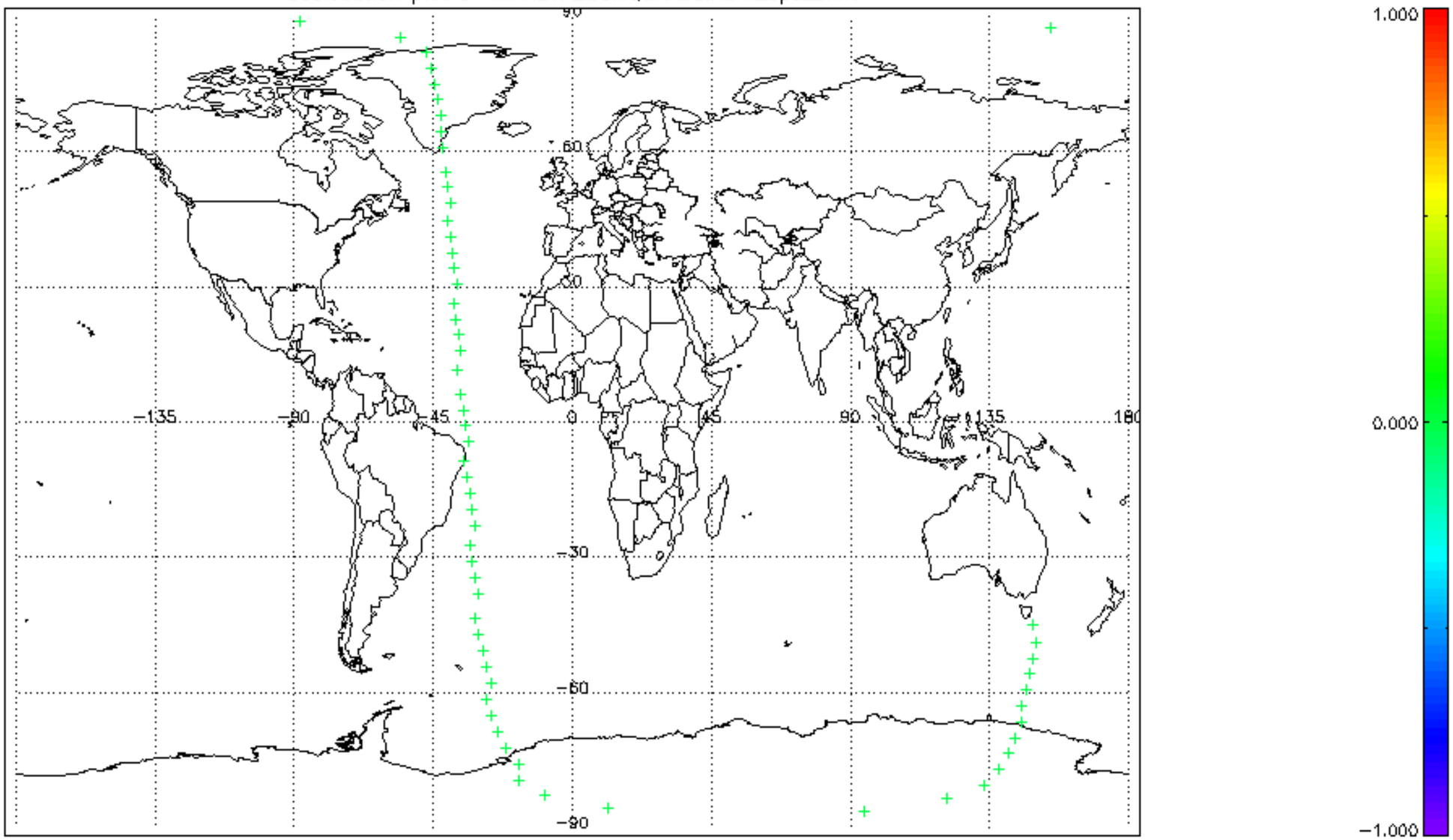


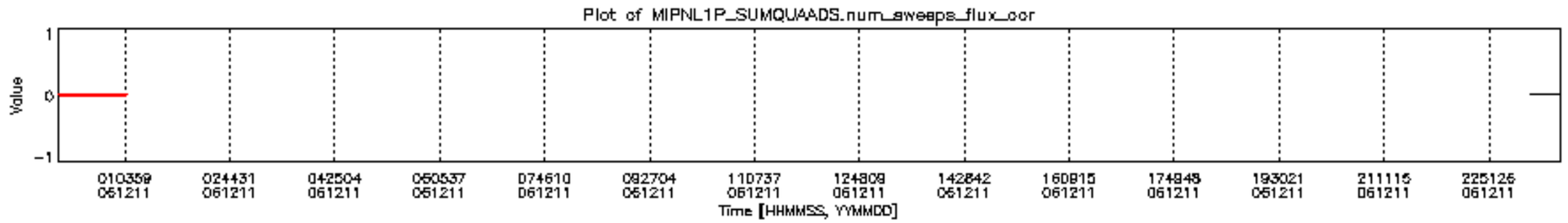

Plot of MIPNL1P_SUMQUAADS.num_excess_phase
Value
1
0
−1
010359 061211
024431 061211
042504 061211
060537 061211
074610 061211
092704 061211
110737 061211
124809 061211
142842 061211
160915 061211
174948 061211
193021 061211
211115 061211
225126 061211
Time [HHMMSS, YYMMDD]


Geolocation plot of MIPNL1P_SUMQUAADS.num_excess_phase
90
60
30
−30
−60
−90
−135
−90
−45
0
45
90
135
180
1.000
0.000
−1.000

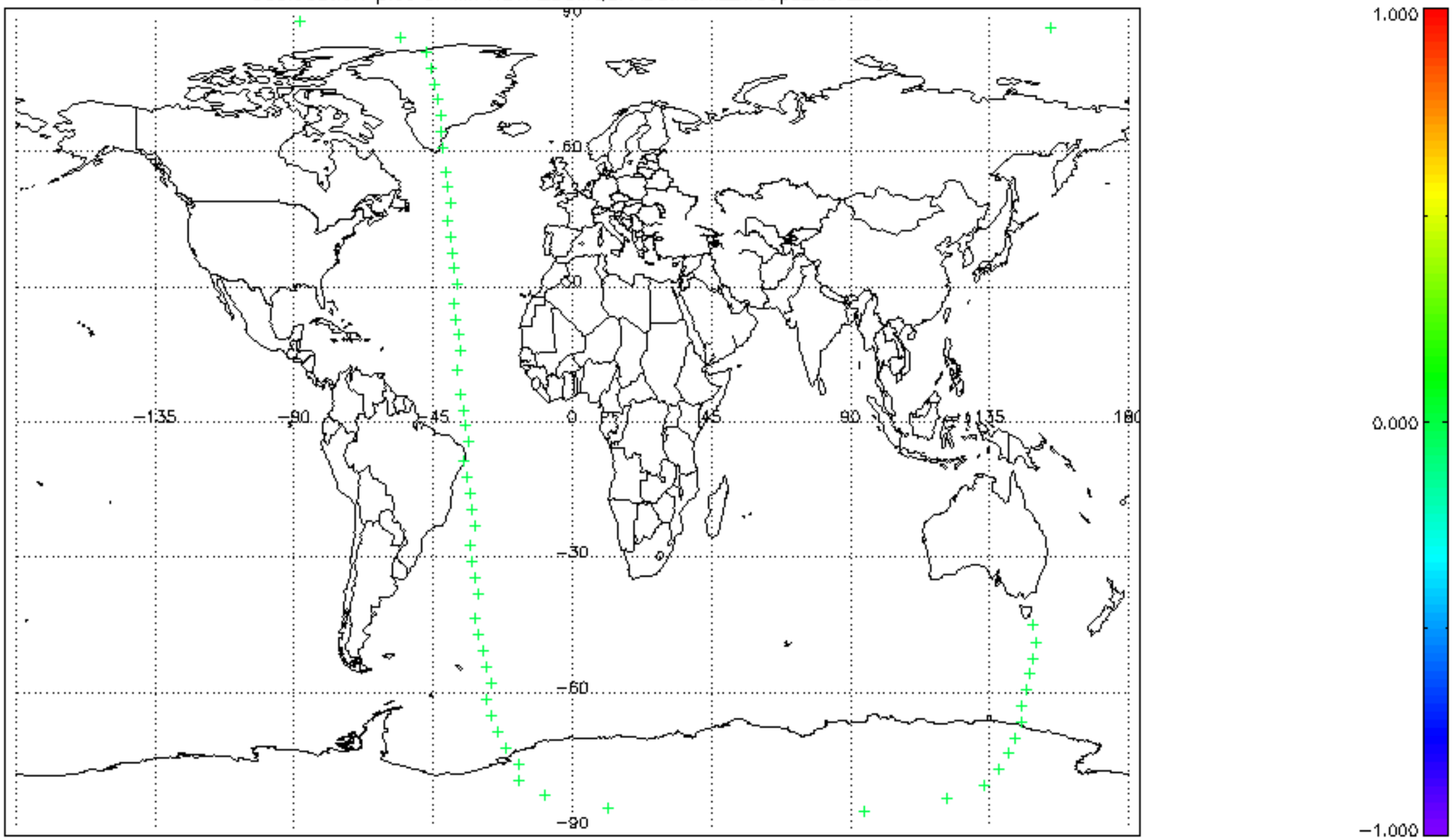

Plot of MIPNL1P_SUMQUAADS.num_opd_shift
Value
1
0
−1
010359 061211
024431 061211
042504 061211
060537 061211
074610 061211
092704 061211
110737 061211
124809 061211
142842 061211
160915 061211
174948 061211
193021 061211
211115 061211
225126 061211
Time [HHMMSS, YYMMDD]

Geolocation plot of MIPNL1P_SUMQUAADS.num_opd_shift



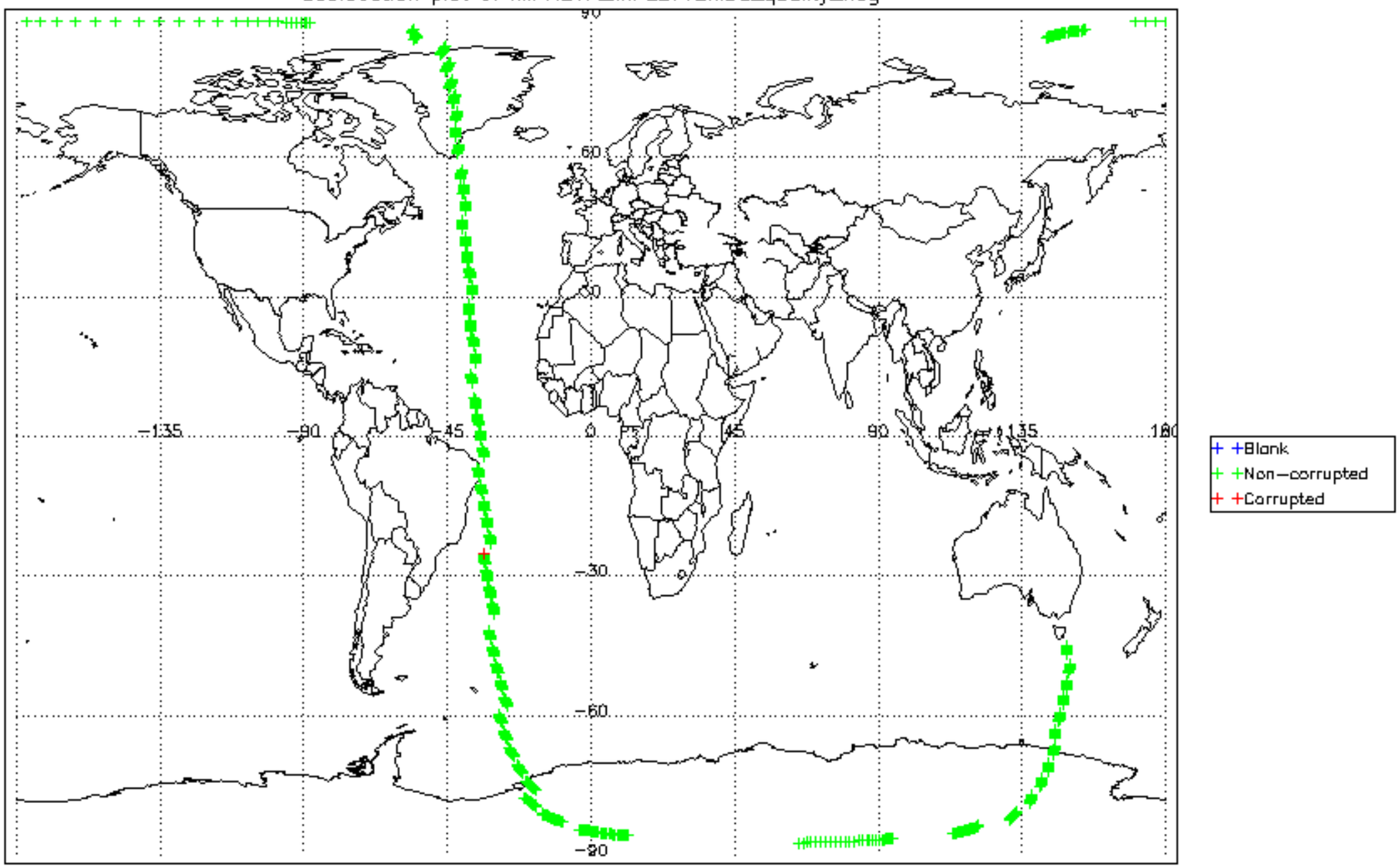

Plot of MIPNL1P_SUMQUAADS.num_sweeps_flux_cor
Value
1
0
−1
010359 061211
024431 061211
042504 061211
060537 061211
074610 061211
092704 061211
110737 061211
124809 061211
142842 061211
160915 061211
174948 061211
193021 061211
211115 061211
225126 061211
Time [HHMMSS, YYMMDD]

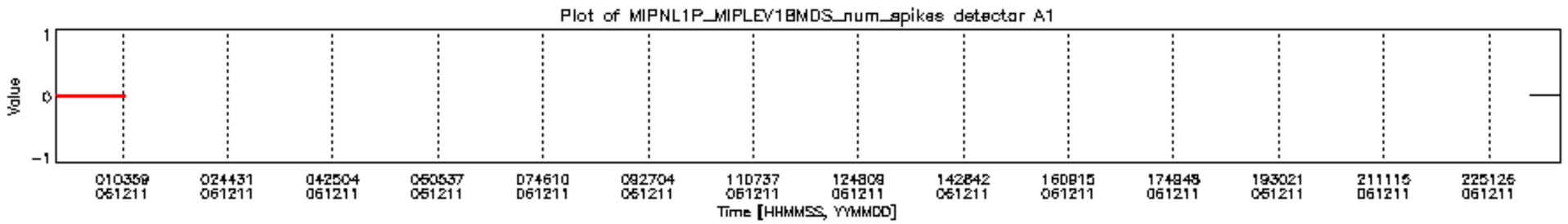
Geolocation plot of MIPNL1P_SUMQUAADS.num_sweeps_flux_oor



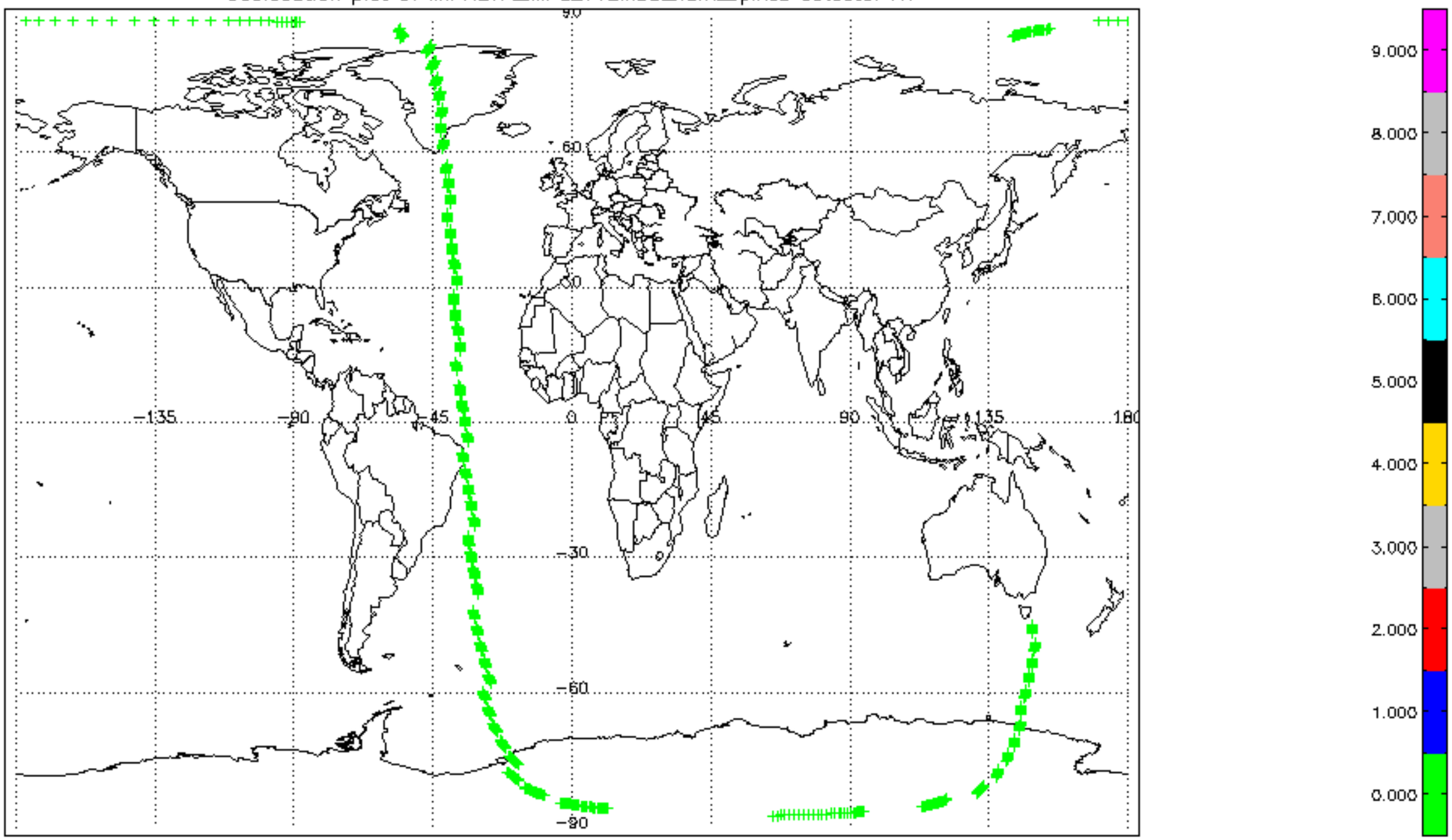

Bar plot of MIPNL1P_MIPLEV1BMDS_quality_flag
Time
00:00.00 11/12/2006
01:00.00 11/12/2006
02:00.00 11/12/2006
03:00.00 11/12/2006
04:00.00 11/12/2006
05:00.00 11/12/2006
06:00.00 11/12/2006
07:00.00 11/12/2006
08:00.00 11/12/2006
09:00.00 11/12/2006
10:00.00 11/12/2006
11:00.00 11/12/2006
12:00.00 11/12/2006
13:00.00 11/12/2006
14:00.00 11/12/2006
15:00.00 11/12/2006
16:00.00 11/12/2006
17:00.00 11/12/2006
18:00.00 11/12/2006
19:00.00 11/12/2006
20:00.00 11/12/2006
21:00.00 11/12/2006
22:00.00 11/12/2006
23:00.00 11/12/2006
00:00.00 12/12/2006
0
5
10
15
20
25
30
Time [minutes, each row is 30 minutes of data, each section of two rows is an hour of data]
Blank
Non-corrupted
Corrupted

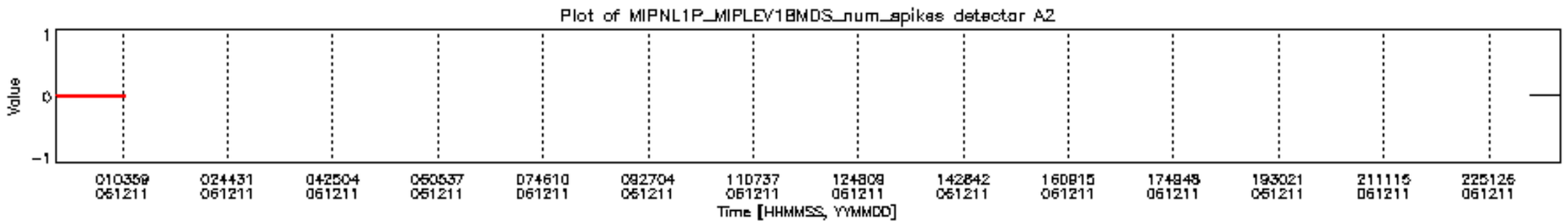
Geolocation plot of MIPNL1P_MIPLEV1BMDS_quality_flag



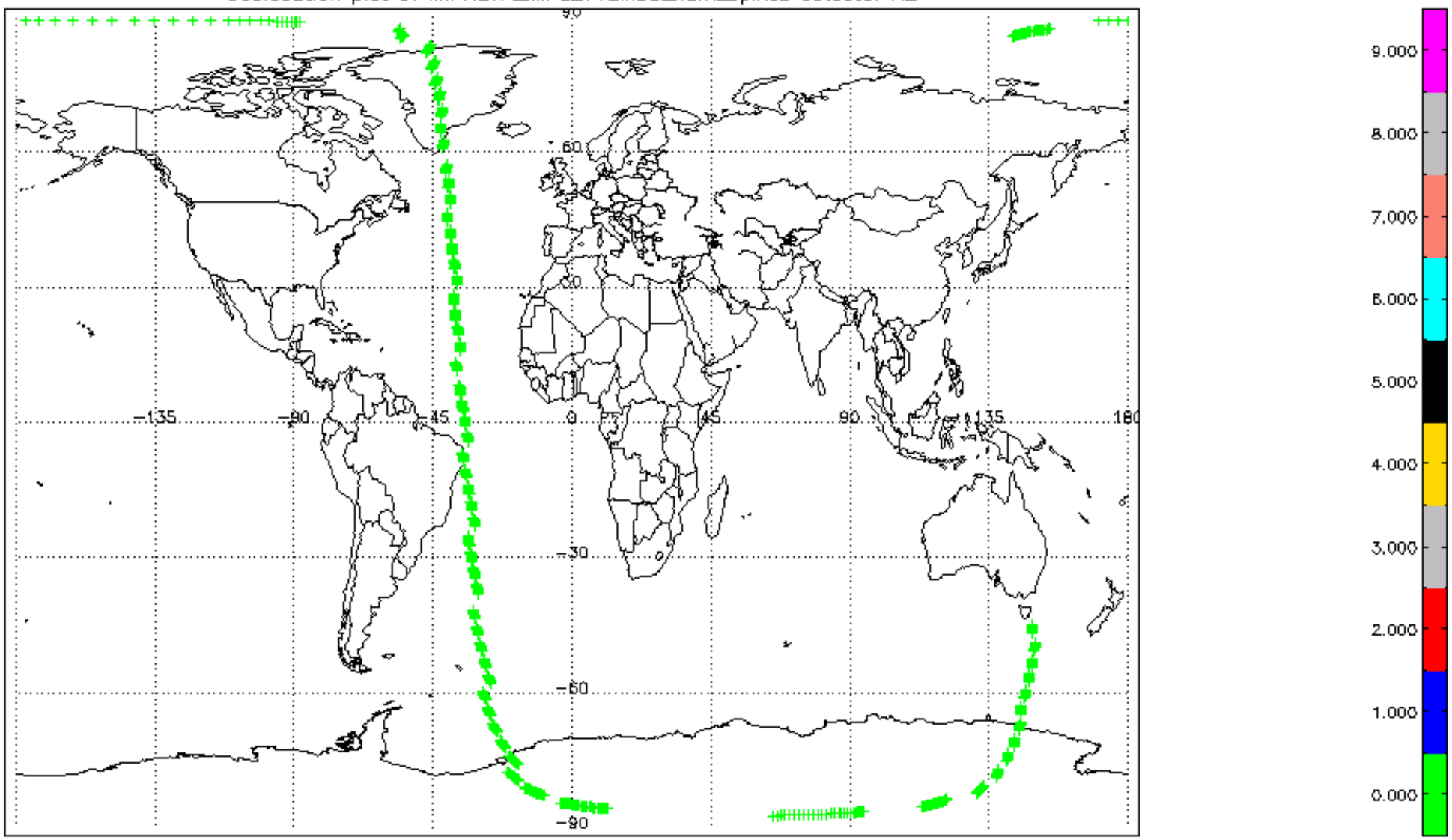

Plot of MIPNL1P_MIPLEV1BMDS_num_spikes detector A1
Value
1
0
−1
010359 061211
024431 061211
042504 061211
060537 061211
074610 061211
092704 061211
110737 061211
124809 061211
142842 061211
160915 061211
174948 061211
193021 061211
211115 061211
225126 061211
Time [HHMMSS, YYMMDD]

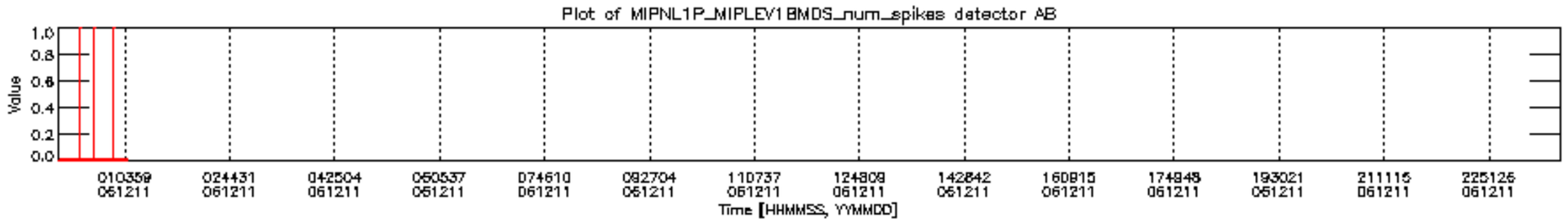
Geolocation plot of MIPNL1P_MIPLEV1BMDS_num_spikes detector A1



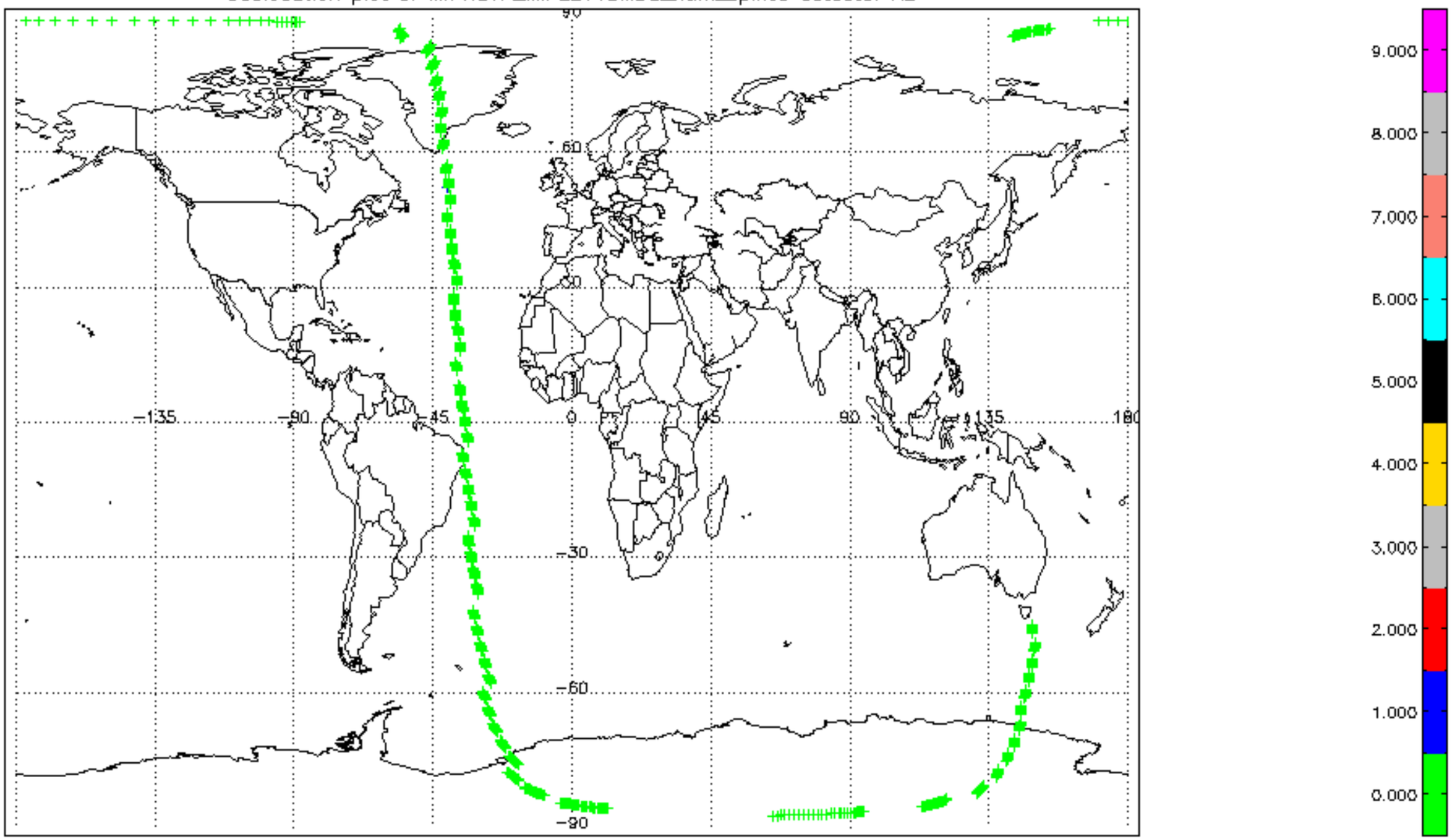

Plot of MIPNL1P_MIPLEV1BMDS_num_spikes detector A2
Value
1
0
−1
010359 061211
024431 061211
042504 061211
060537 061211
074610 061211
092704 061211
110737 061211
124809 061211
142842 061211
160915 061211
174948 061211
193021 061211
211115 061211
225126 061211
Time [HHMMSS, YYMMDD]

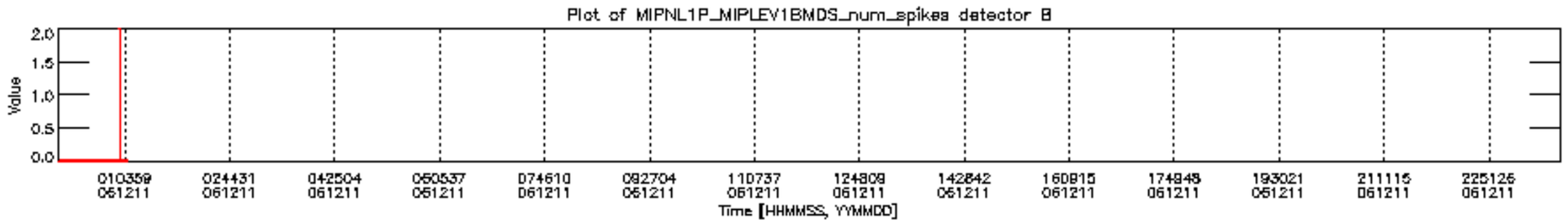
Geolocation plot of MIPNL1P_MIPLEV1BMDS_num_spikes detector A2



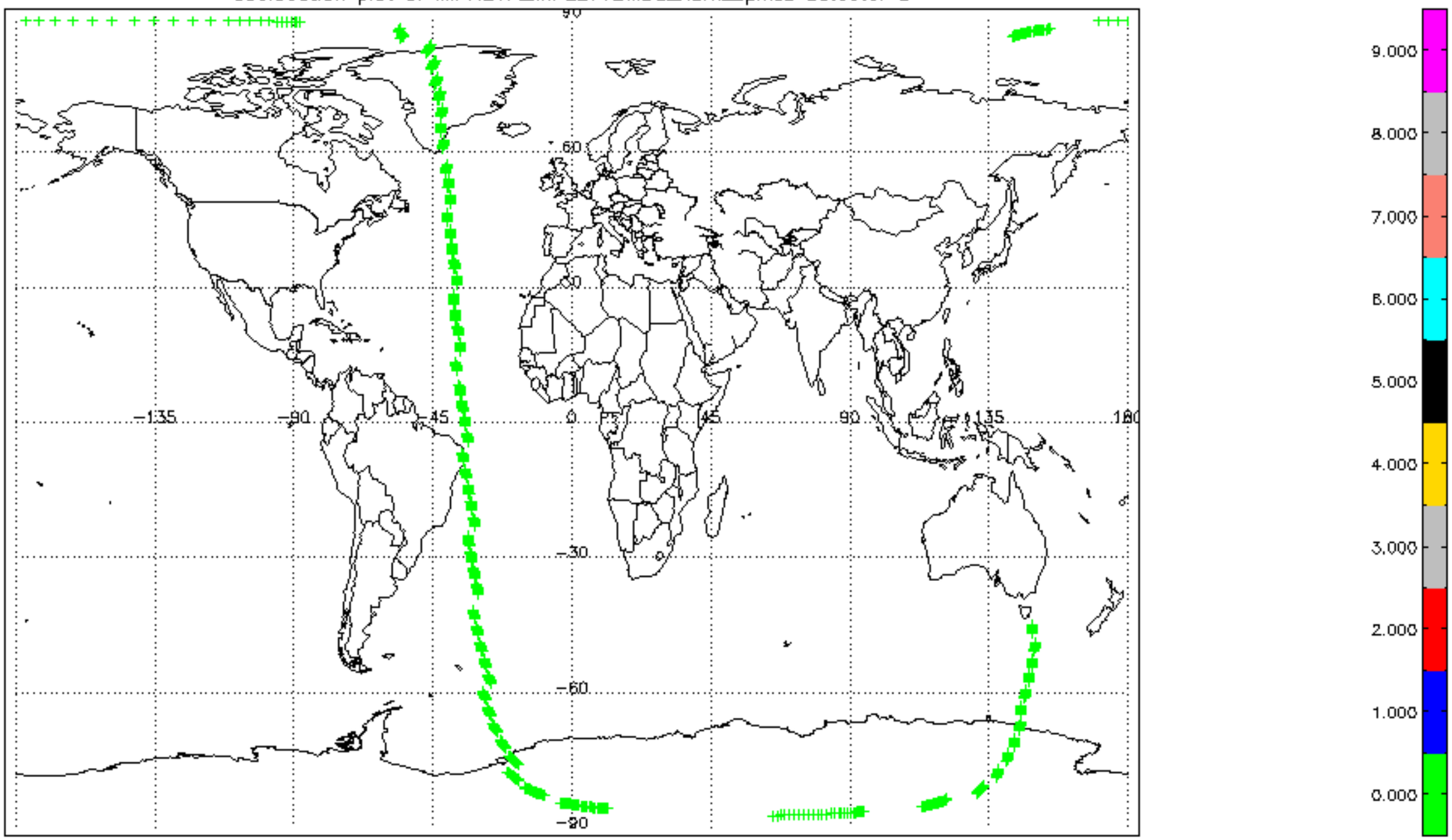

Plot of MIPNL1P_MIPLEV1BMDS_num_spikes detector AB
Value
1.0
0.8
0.6
0.4
0.2
0.0
010359 061211
024431 061211
042504 061211
060537 061211
074610 061211
092704 061211
110737 061211
124809 061211
142842 061211
160915 061211
174948 061211
193021 061211
211115 061211
225126 061211
Time [HHMMSS, YYMMDD]

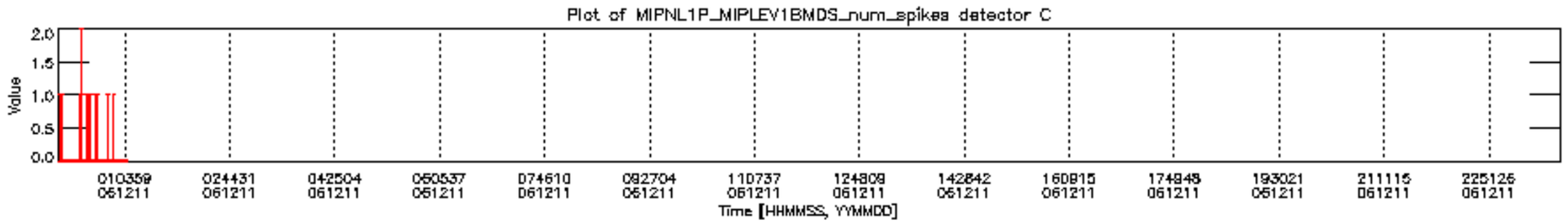
Geolocation plot of MIPNL1P_MIPLEV1BMDS_num_spikes detector AB



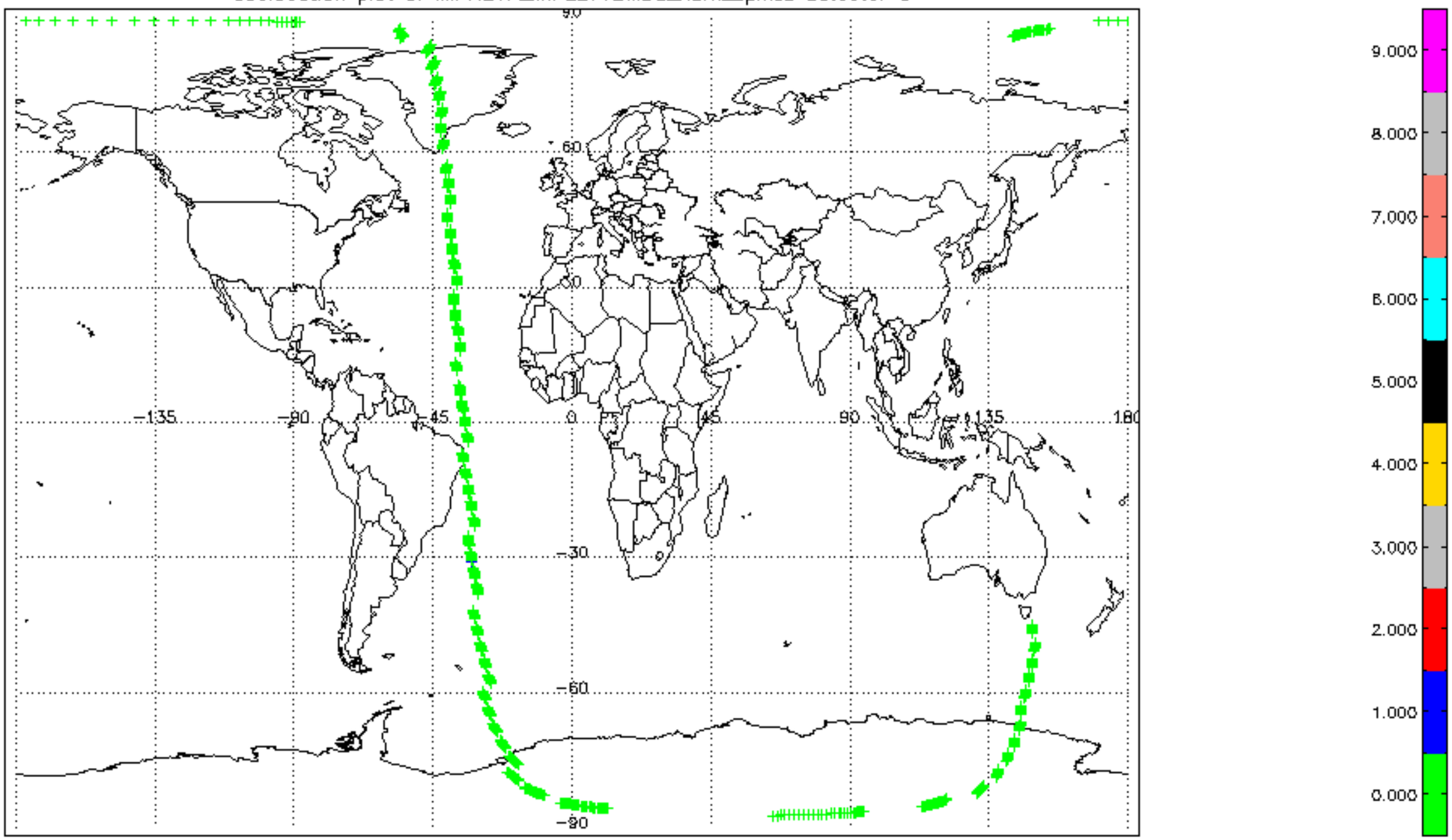

Plot of MIPNL1P_MIPLEV1BMDS_num_spikes detector B
Value
2.0
1.5
1.0
0.5
0.0
010359 061211
024431 061211
042504 061211
060537 061211
074610 061211
092704 061211
110737 061211
124809 061211
142842 061211
160915 061211
174948 061211
193021 061211
211115 061211
225126 061211
Time [HHMMSS, YYMMDD]

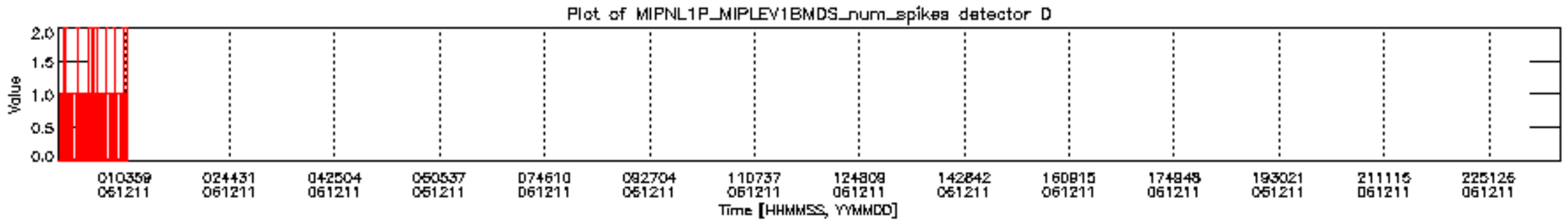
Geolocation plot of MIPNL1P_MIPLEV1BMDS_num_spikes detector B



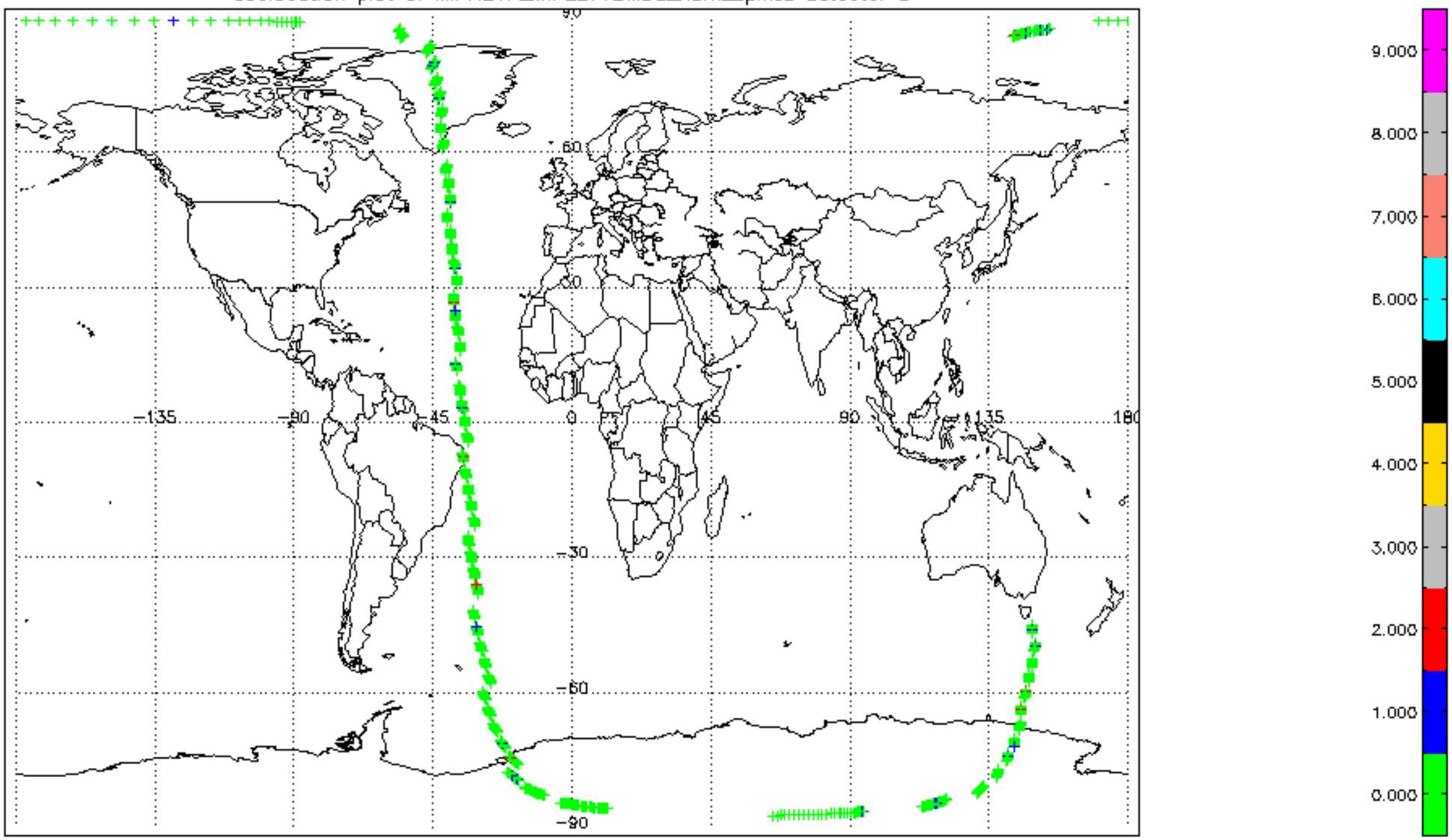

Plot of MIPNL1P_MIPLEV1BMDS_num_spikes detector C
Value
2.0
1.5
1.0
0.5
0.0
010359 061211
024431 061211
042504 061211
060537 061211
074610 061211
092704 061211
110737 061211
124809 061211
142842 061211
160915 061211
174948 061211
193021 061211
211115 061211
225126 061211
Time [HHMMSS, YYMMDD]

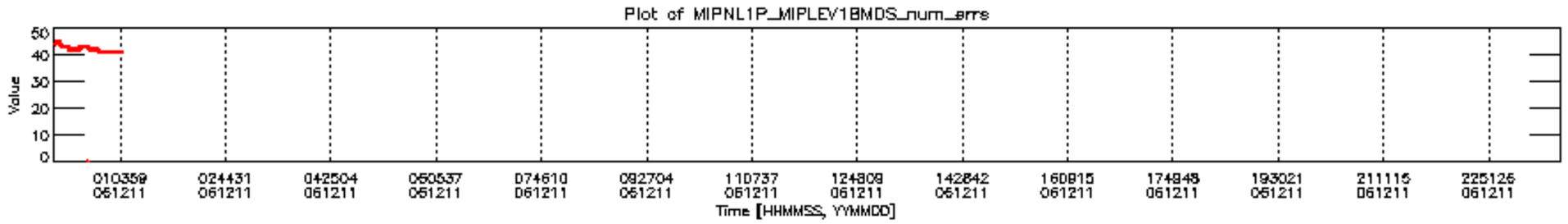
Geolocation plot of MIPNL1P_MIPLEV1BMDS_num_spikes detector C



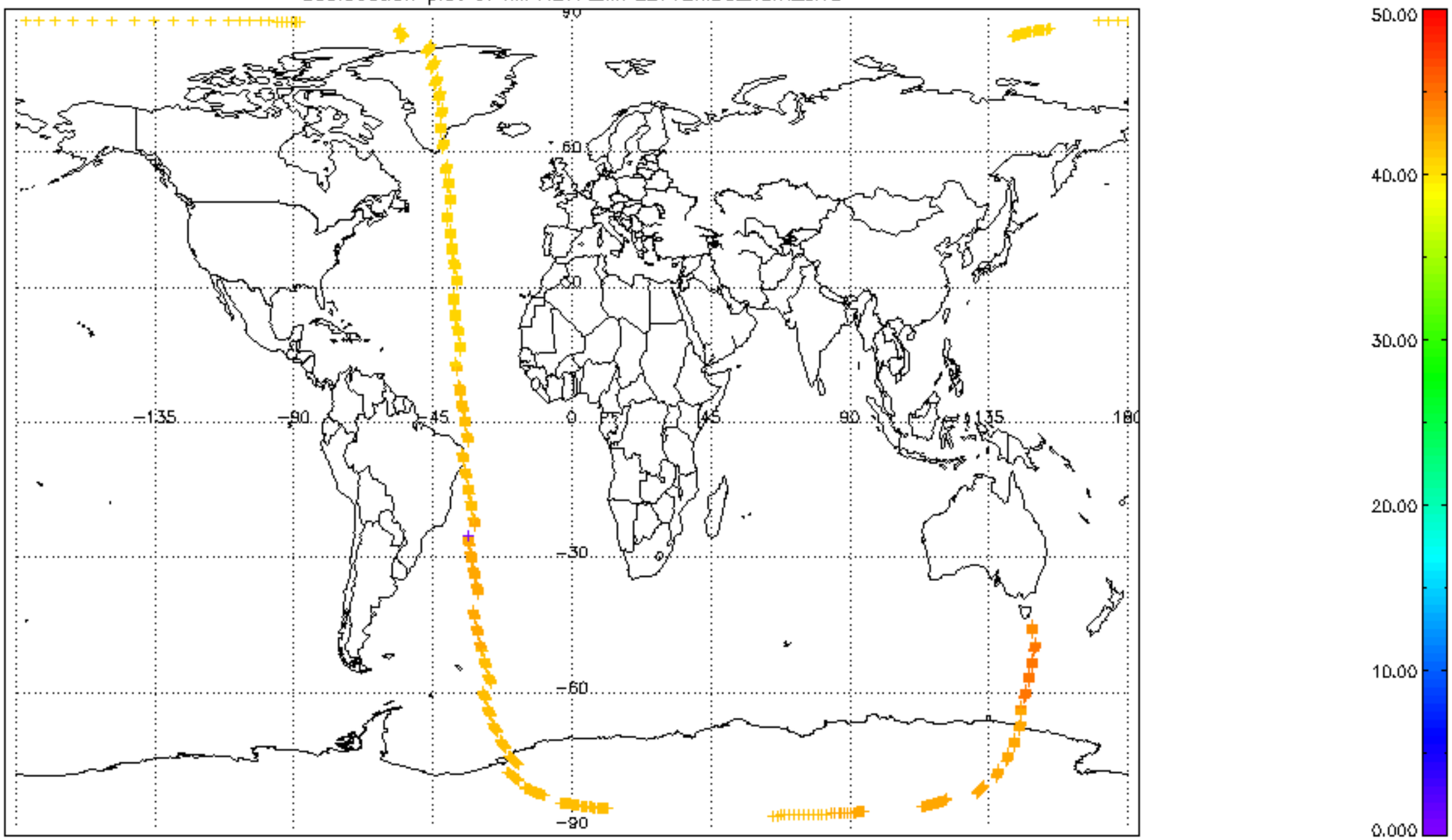

Plot of MIPNL1P_MIPLEV1BMDS_num_spikes detector D
Value
2.0
1.5
1.0
0.5
0.0
010359 061211
024431 061211
042504 061211
060537 061211
074610 061211
092704 061211
110737 061211
124809 061211
142842 061211
160915 061211
174948 061211
193021 061211
211115 061211
225126 061211
Time [HHMMSS, YYMMDD]

Geolocation plot of MIPNL1P_MIPLEV1BMDS_num_spikes detector D



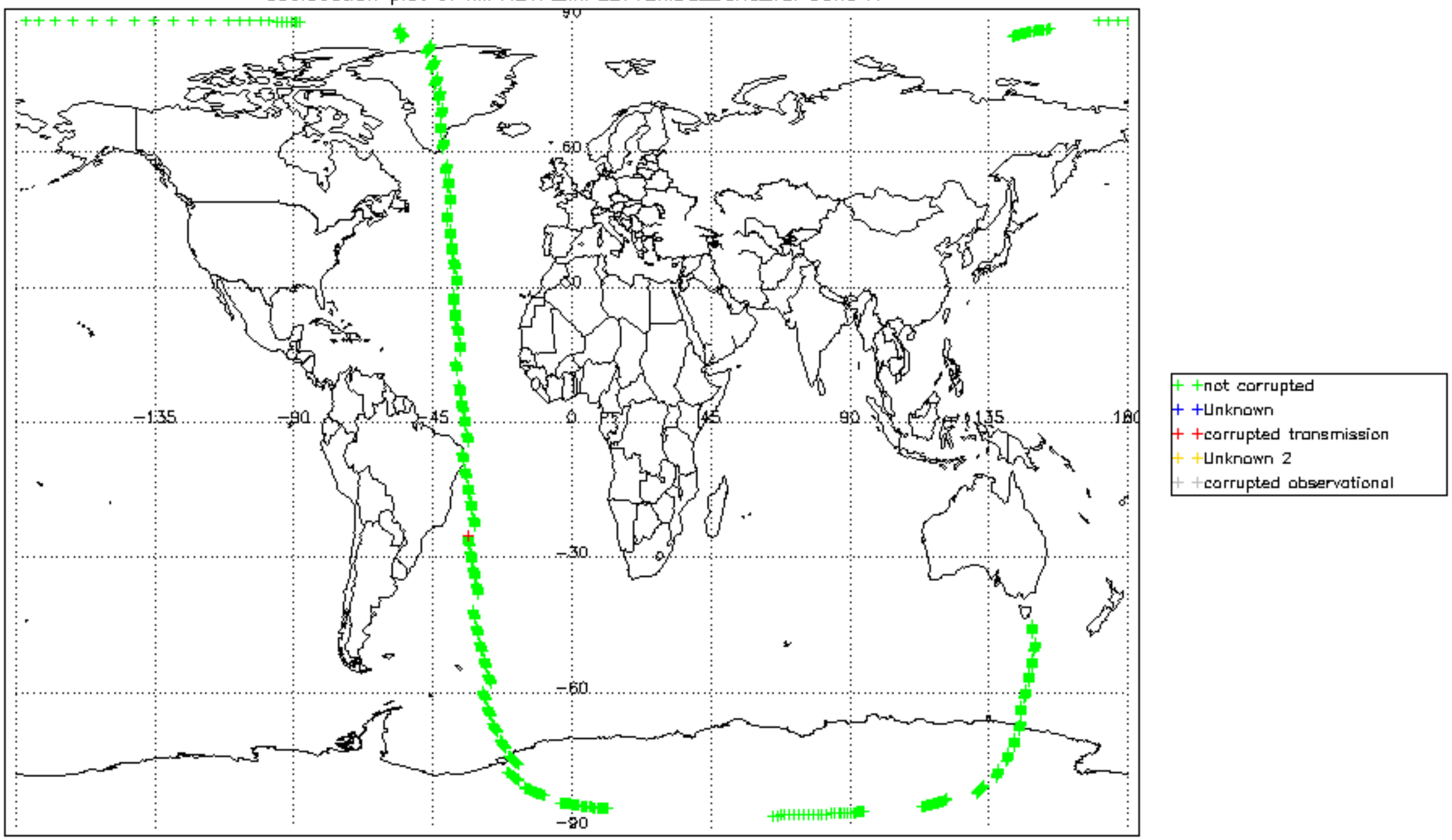

Plot of MIPNL1P_MIPLEV1BMDS_num_errs
Value
50
40
30
20
10
0
010359 061211
024431 061211
042504 061211
060537 061211
074610 061211
092704 061211
110737 061211
124809 061211
142842 061211
160915 061211
174948 061211
193021 061211
211115 061211
225126 061211
Time [HHMMSS, YYMMDD]

Geolocation plot of MIPNL1P_MIPLEV1BMDS_num_errs



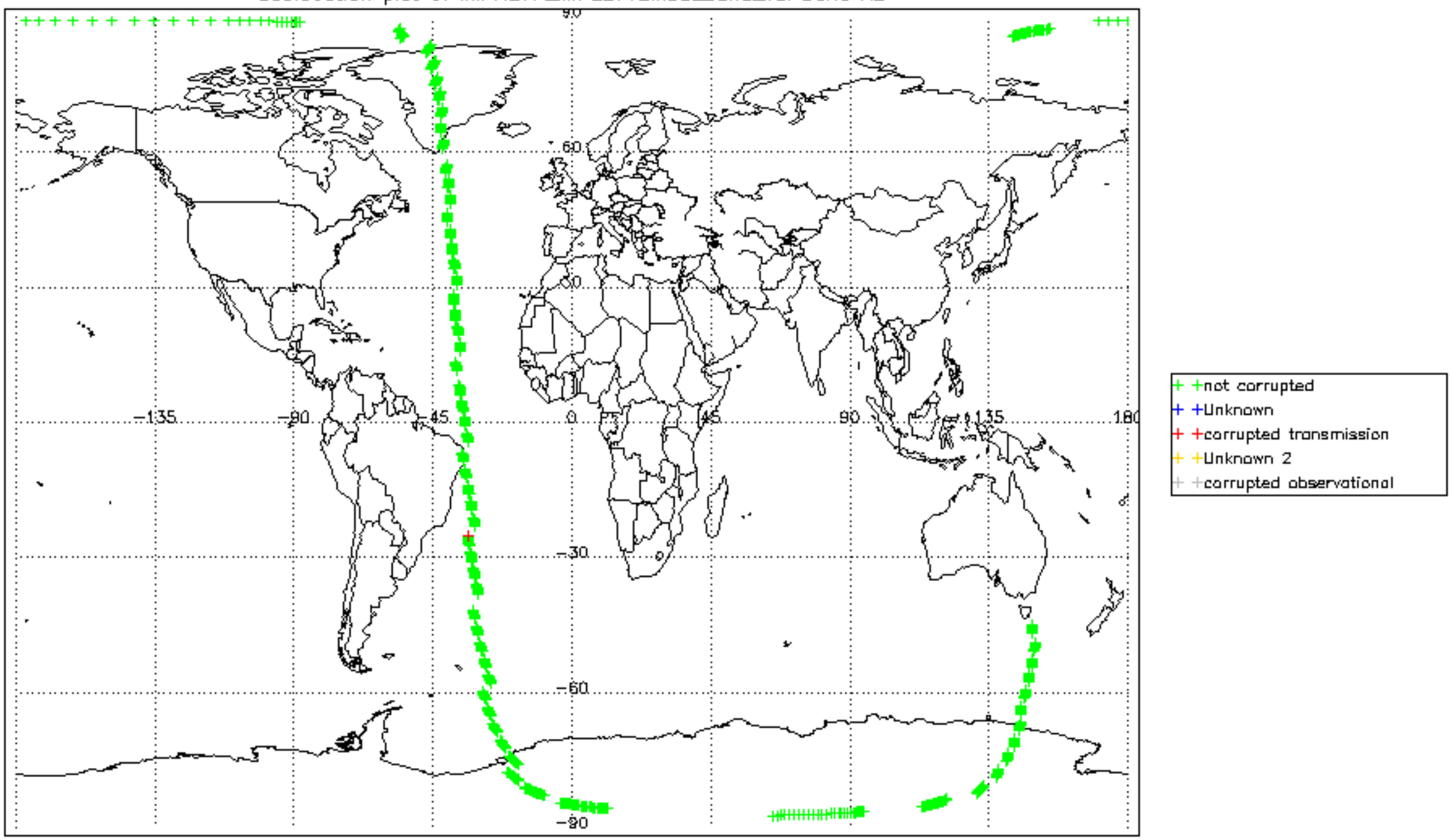

Bar plot of MIPNL1P_MIPLEV1BMDS_band_val band A
Time
00:00.00 11/12/2006
01:00.00 11/12/2006
02:00.00 11/12/2006
03:00.00 11/12/2006
04:00.00 11/12/2006
05:00.00 11/12/2006
06:00.00 11/12/2006
07:00.00 11/12/2006
08:00.00 11/12/2006
09:00.00 11/12/2006
10:00.00 11/12/2006
11:00.00 11/12/2006
12:00.00 11/12/2006
13:00.00 11/12/2006
14:00.00 11/12/2006
15:00.00 11/12/2006
16:00.00 11/12/2006
17:00.00 11/12/2006
18:00.00 11/12/2006
19:00.00 11/12/2006
20:00.00 11/12/2006
21:00.00 11/12/2006
22:00.00 11/12/2006
23:00.00 11/12/2006
00:00.00 12/12/2006
0
5
10
15
20
25
30
Time [minutes, each row is 30 minutes of data, each section of two rows is an hour of data]
not corrupted
Unknown
corrupted transmission
Unknown 2
corrupted observational

Geolocation plot of MIPNL1P_MIPLEV1BMDS_band_val band A



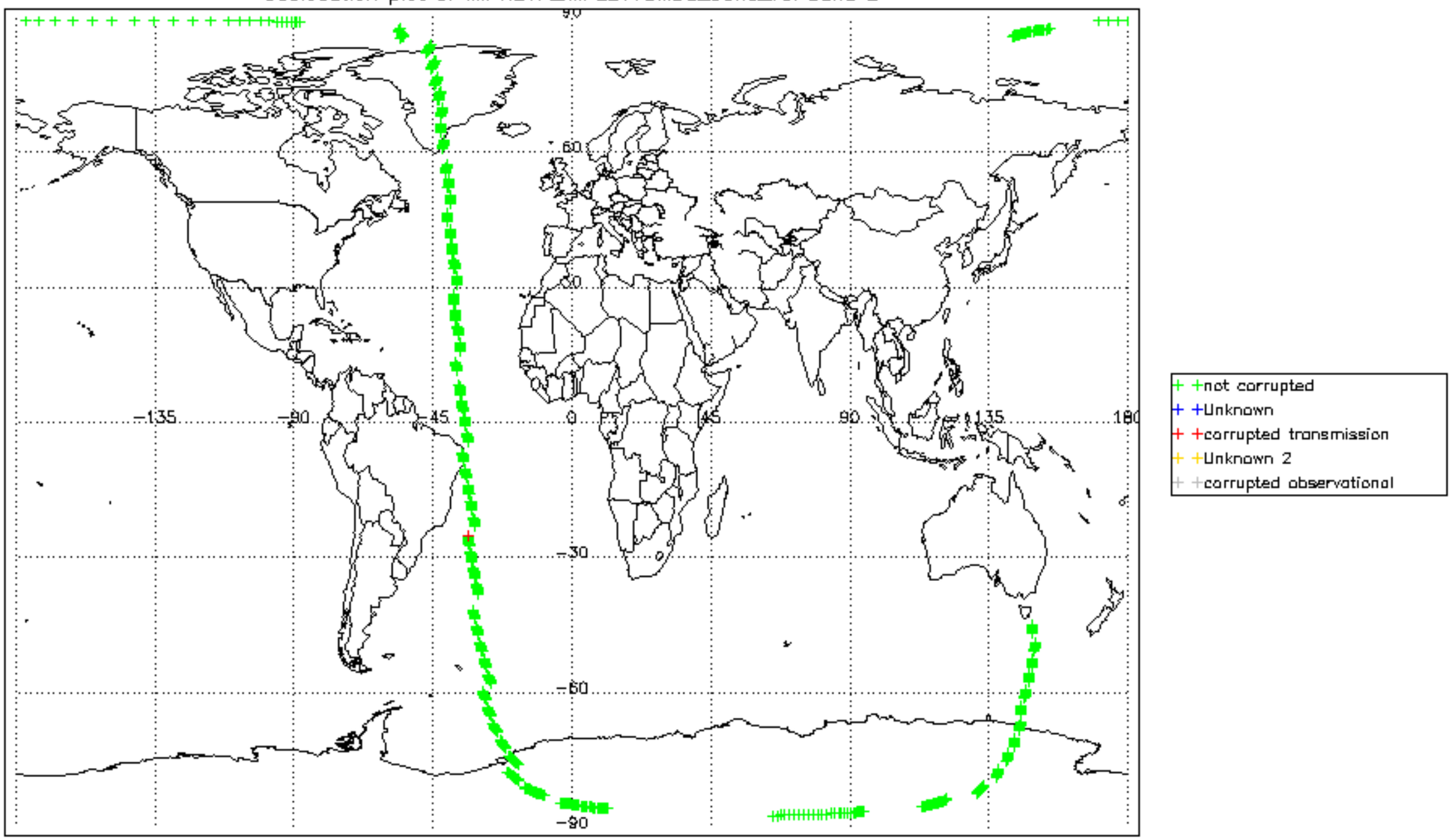

Bar plot of MIPNL1P_MIPLEV1BMDS_band_val band AB
Time
00:00.00 11/12/2006
01:00.00 11/12/2006
02:00.00 11/12/2006
03:00.00 11/12/2006
04:00.00 11/12/2006
05:00.00 11/12/2006
06:00.00 11/12/2006
07:00.00 11/12/2006
08:00.00 11/12/2006
09:00.00 11/12/2006
10:00.00 11/12/2006
11:00.00 11/12/2006
12:00.00 11/12/2006
13:00.00 11/12/2006
14:00.00 11/12/2006
15:00.00 11/12/2006
16:00.00 11/12/2006
17:00.00 11/12/2006
18:00.00 11/12/2006
19:00.00 11/12/2006
20:00.00 11/12/2006
21:00.00 11/12/2006
22:00.00 11/12/2006
23:00.00 11/12/2006
00:00.00 12/12/2006
0
5
10
15
20
25
30
Time [minutes, each row is 30 minutes of data, each section of two rows is an hour of data]
not corrupted
Unknown
corrupted transmission
Unknown 2
corrupted observational

Geolocation plot of MIPNL1P_MIPLEV1BMDS_band_val band AB



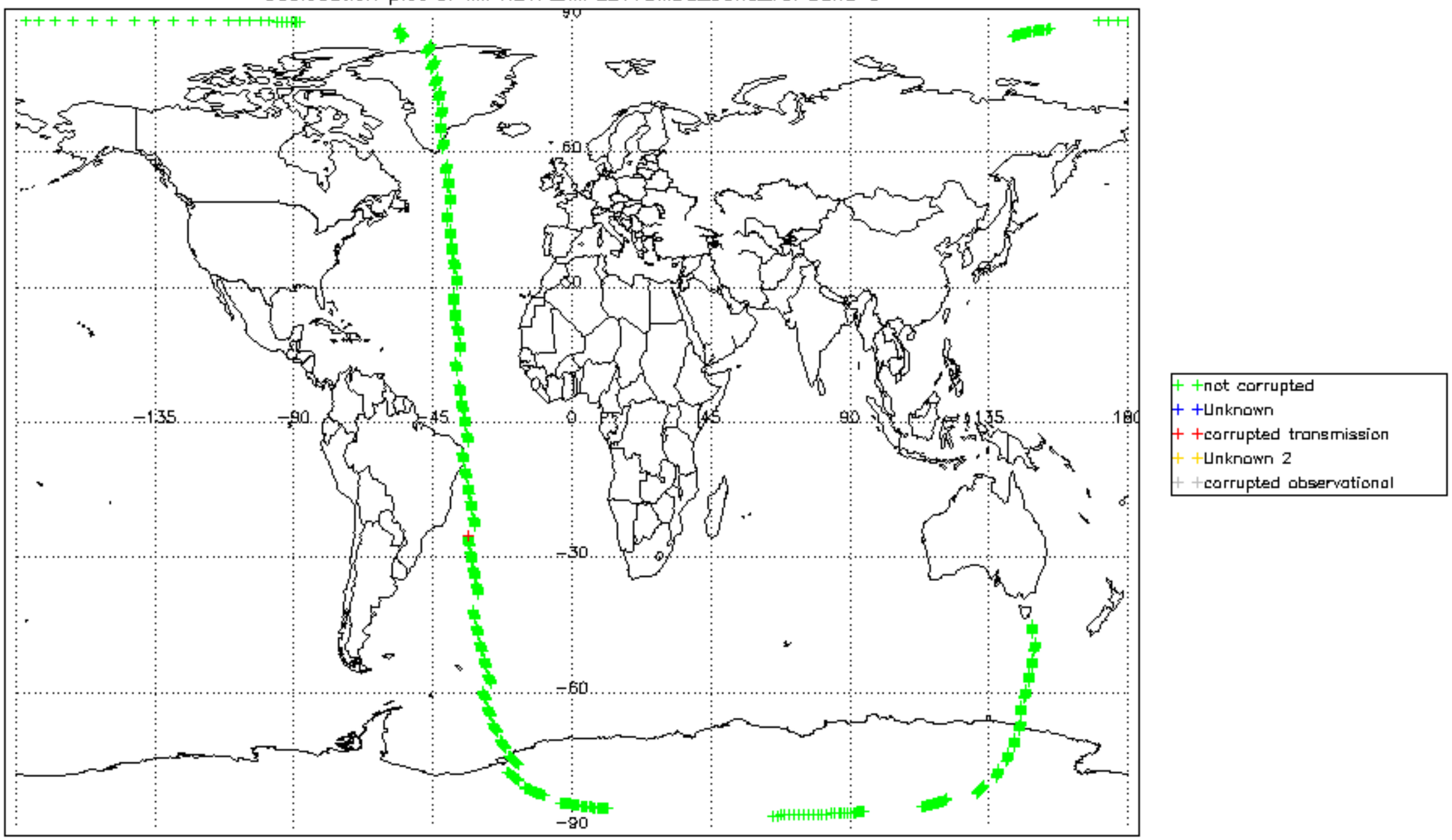

Bar plot of MIPNL1P_MIPLEV1BMDS_band_val band B
Time
00:00.00 11/12/2006
01:00.00 11/12/2006
02:00.00 11/12/2006
03:00.00 11/12/2006
04:00.00 11/12/2006
05:00.00 11/12/2006
06:00.00 11/12/2006
07:00.00 11/12/2006
08:00.00 11/12/2006
09:00.00 11/12/2006
10:00.00 11/12/2006
11:00.00 11/12/2006
12:00.00 11/12/2006
13:00.00 11/12/2006
14:00.00 11/12/2006
15:00.00 11/12/2006
16:00.00 11/12/2006
17:00.00 11/12/2006
18:00.00 11/12/2006
19:00.00 11/12/2006
20:00.00 11/12/2006
21:00.00 11/12/2006
22:00.00 11/12/2006
23:00.00 11/12/2006
00:00.00 12/12/2006
0
5
10
15
20
25
30
Time [minutes, each row is 30 minutes of data, each section of two rows is an hour of data]
not corrupted
Unknown
corrupted transmission
Unknown 2
corrupted observational

Geolocation plot of MIPNL1P_MIPLEV1BMDS_band_val band B



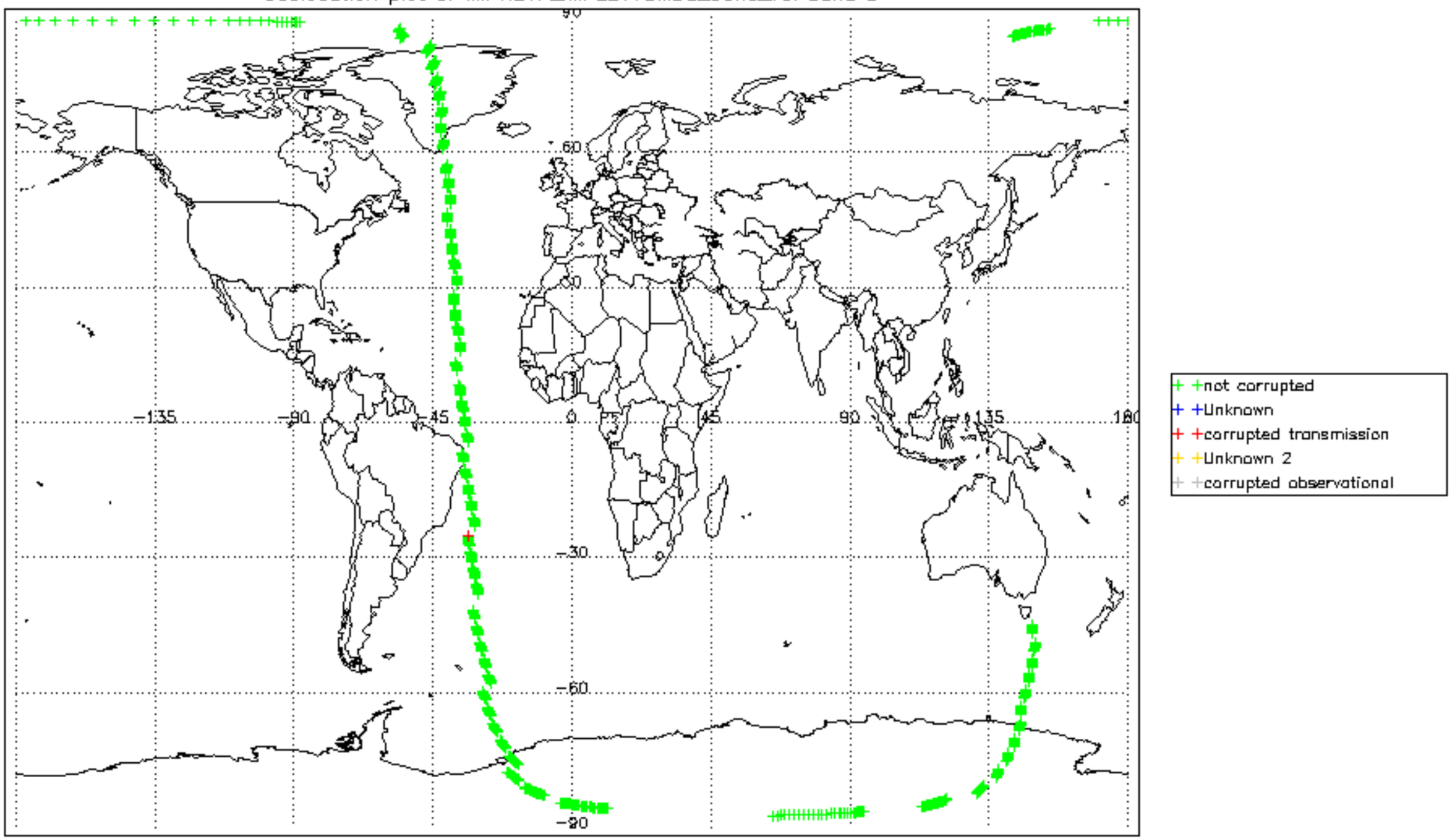

Bar plot of MIPNL1P_MIPLEV1BMDS_band_val band C
Time
00:00.00 11/12/2006
01:00.00 11/12/2006
02:00.00 11/12/2006
03:00.00 11/12/2006
04:00.00 11/12/2006
05:00.00 11/12/2006
06:00.00 11/12/2006
07:00.00 11/12/2006
08:00.00 11/12/2006
09:00.00 11/12/2006
10:00.00 11/12/2006
11:00.00 11/12/2006
12:00.00 11/12/2006
13:00.00 11/12/2006
14:00.00 11/12/2006
15:00.00 11/12/2006
16:00.00 11/12/2006
17:00.00 11/12/2006
18:00.00 11/12/2006
19:00.00 11/12/2006
20:00.00 11/12/2006
21:00.00 11/12/2006
22:00.00 11/12/2006
23:00.00 11/12/2006
00:00.00 12/12/2006
0
5
10
15
20
25
30
Time [minutes, each row is 30 minutes of data, each section of two rows is an hour of data]
not corrupted
Unknown
corrupted transmission
Unknown 2
corrupted observational

Geolocation plot of MIPNL1P_MIPLEV1BMDS_band_val band C



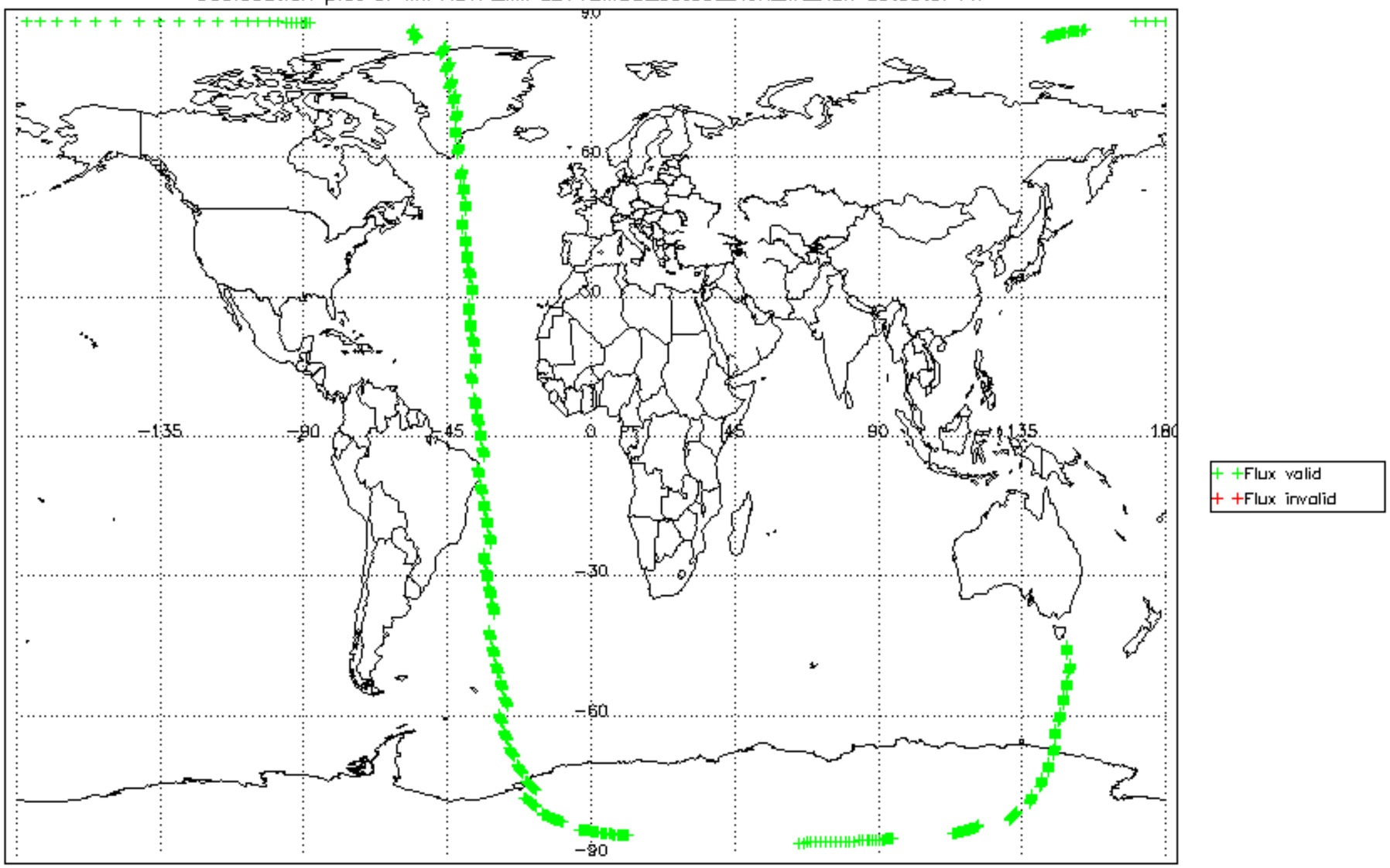

Bar plot of MIPNL1P_MIPLEV1BMDS_band_val band D
Time
00:00.00 11/12/2006
01:00.00 11/12/2006
02:00.00 11/12/2006
03:00.00 11/12/2006
04:00.00 11/12/2006
05:00.00 11/12/2006
06:00.00 11/12/2006
07:00.00 11/12/2006
08:00.00 11/12/2006
09:00.00 11/12/2006
10:00.00 11/12/2006
11:00.00 11/12/2006
12:00.00 11/12/2006
13:00.00 11/12/2006
14:00.00 11/12/2006
15:00.00 11/12/2006
16:00.00 11/12/2006
17:00.00 11/12/2006
18:00.00 11/12/2006
19:00.00 11/12/2006
20:00.00 11/12/2006
21:00.00 11/12/2006
22:00.00 11/12/2006
23:00.00 11/12/2006
00:00.00 12/12/2006
0
5
10
15
20
25
30
Time [minutes, each row is 30 minutes of data, each section of two rows is an hour of data]
not corrupted
Unknown
corrupted transmission
Unknown 2
corrupted observational

Geolocation plot of MIPNL1P_MIPLEV1BMDS_band_val band D



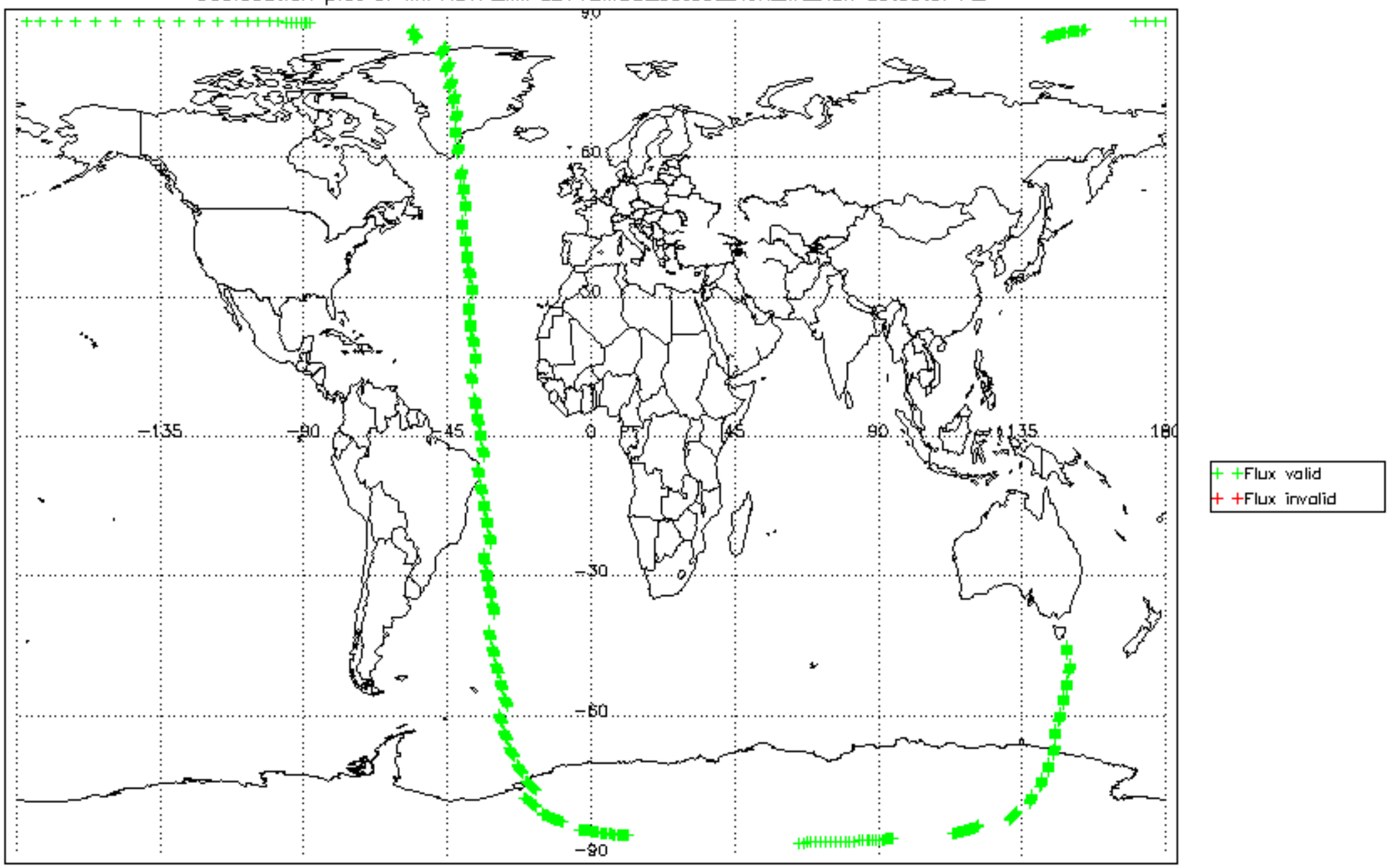

Bar plot of MIPNL1P_MIPLEV1BMDS_detect_non_lin_flux detector A1
Time
00:00.00 11/12/2006
01:00.00 11/12/2006
02:00.00 11/12/2006
03:00.00 11/12/2006
04:00.00 11/12/2006
05:00.00 11/12/2006
06:00.00 11/12/2006
07:00.00 11/12/2006
08:00.00 11/12/2006
09:00.00 11/12/2006
10:00.00 11/12/2006
11:00.00 11/12/2006
12:00.00 11/12/2006
13:00.00 11/12/2006
14:00.00 11/12/2006
15:00.00 11/12/2006
16:00.00 11/12/2006
17:00.00 11/12/2006
18:00.00 11/12/2006
19:00.00 11/12/2006
20:00.00 11/12/2006
21:00.00 11/12/2006
22:00.00 11/12/2006
23:00.00 11/12/2006
00:00.00 12/12/2006
0
5
10
15
20
25
30
Time [minutes, each row is 30 minutes of data, each section of two rows is an hour of data]
Flux valid
Flux invalid

Geolocation plot of MIPNL1P_MIPLEV1BMDS_detect_non_lin_flux detector A1



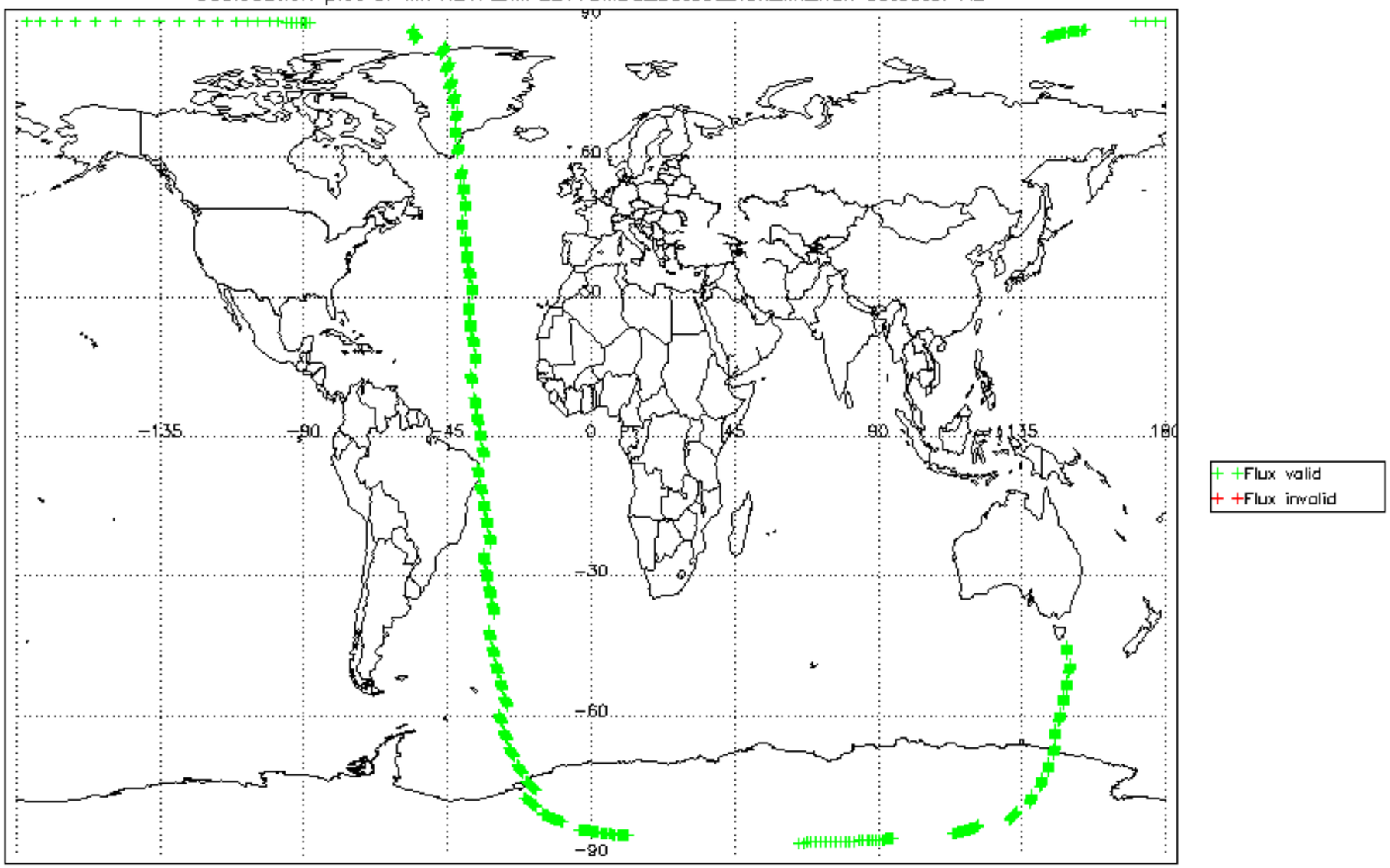

Bar plot of MIPNL1P_MIPLEV1BMDS_detect_non_lin_flux detector A2
Time
00:00.00 11/12/2006
01:00.00 11/12/2006
02:00.00 11/12/2006
03:00.00 11/12/2006
04:00.00 11/12/2006
05:00.00 11/12/2006
06:00.00 11/12/2006
07:00.00 11/12/2006
08:00.00 11/12/2006
09:00.00 11/12/2006
10:00.00 11/12/2006
11:00.00 11/12/2006
12:00.00 11/12/2006
13:00.00 11/12/2006
14:00.00 11/12/2006
15:00.00 11/12/2006
16:00.00 11/12/2006
17:00.00 11/12/2006
18:00.00 11/12/2006
19:00.00 11/12/2006
20:00.00 11/12/2006
21:00.00 11/12/2006
22:00.00 11/12/2006
23:00.00 11/12/2006
00:00.00 12/12/2006
0
5
10
15
20
25
30
Time [minutes, each row is 30 minutes of data, each section of two rows is an hour of data]
Flux valid
Flux invalid

Geolocation plot of MIPNL1P_MIPLEV1BMDS_detect_non_lin_flux detector A2



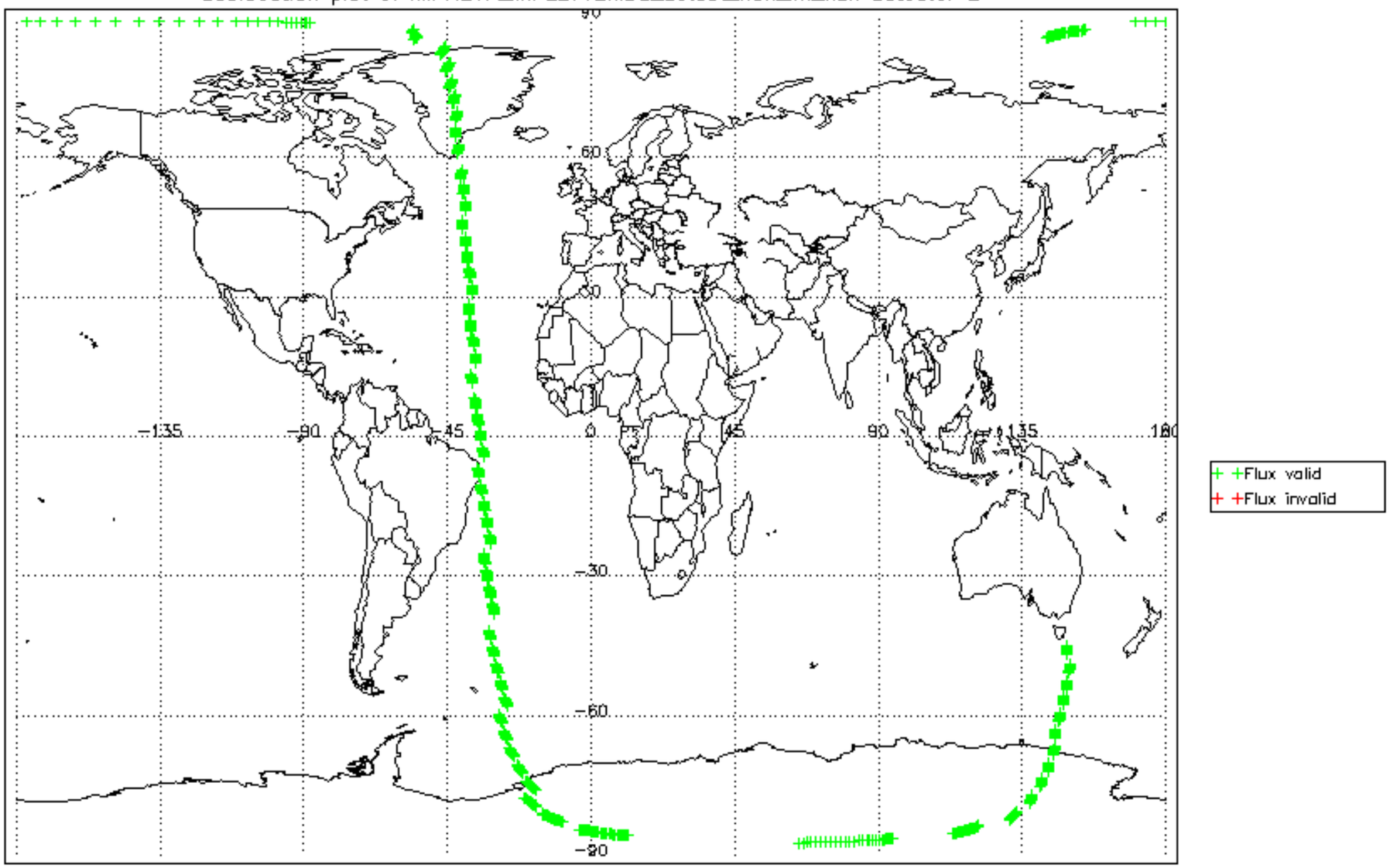

Bar plot of MIPNL1P_MIPLEV1BMDS_detect_non_lin_flux detector AB
Time
00:00.00 11/12/2006
01:00.00 11/12/2006
02:00.00 11/12/2006
03:00.00 11/12/2006
04:00.00 11/12/2006
05:00.00 11/12/2006
06:00.00 11/12/2006
07:00.00 11/12/2006
08:00.00 11/12/2006
09:00.00 11/12/2006
10:00.00 11/12/2006
11:00.00 11/12/2006
12:00.00 11/12/2006
13:00.00 11/12/2006
14:00.00 11/12/2006
15:00.00 11/12/2006
16:00.00 11/12/2006
17:00.00 11/12/2006
18:00.00 11/12/2006
19:00.00 11/12/2006
20:00.00 11/12/2006
21:00.00 11/12/2006
22:00.00 11/12/2006
23:00.00 11/12/2006
00:00.00 12/12/2006
0
5
10
15
20
25
30
Time [minutes, each row is 30 minutes of data, each section of two rows is an hour of data]
Flux valid
Flux invalid

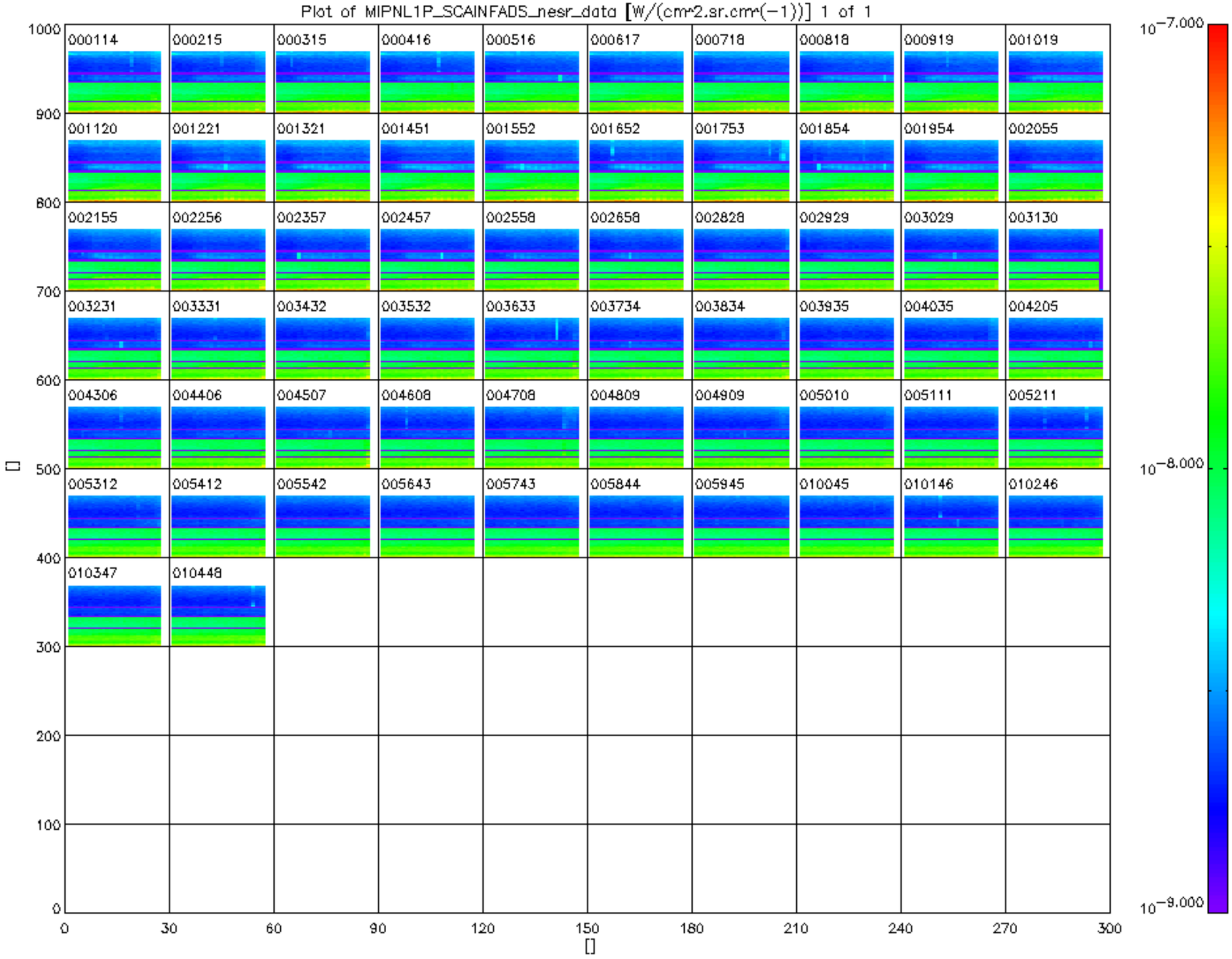
Geolocation plot of MIPNL1P_MIPLEV1BMDS_detect_non_lin_flux detector AB

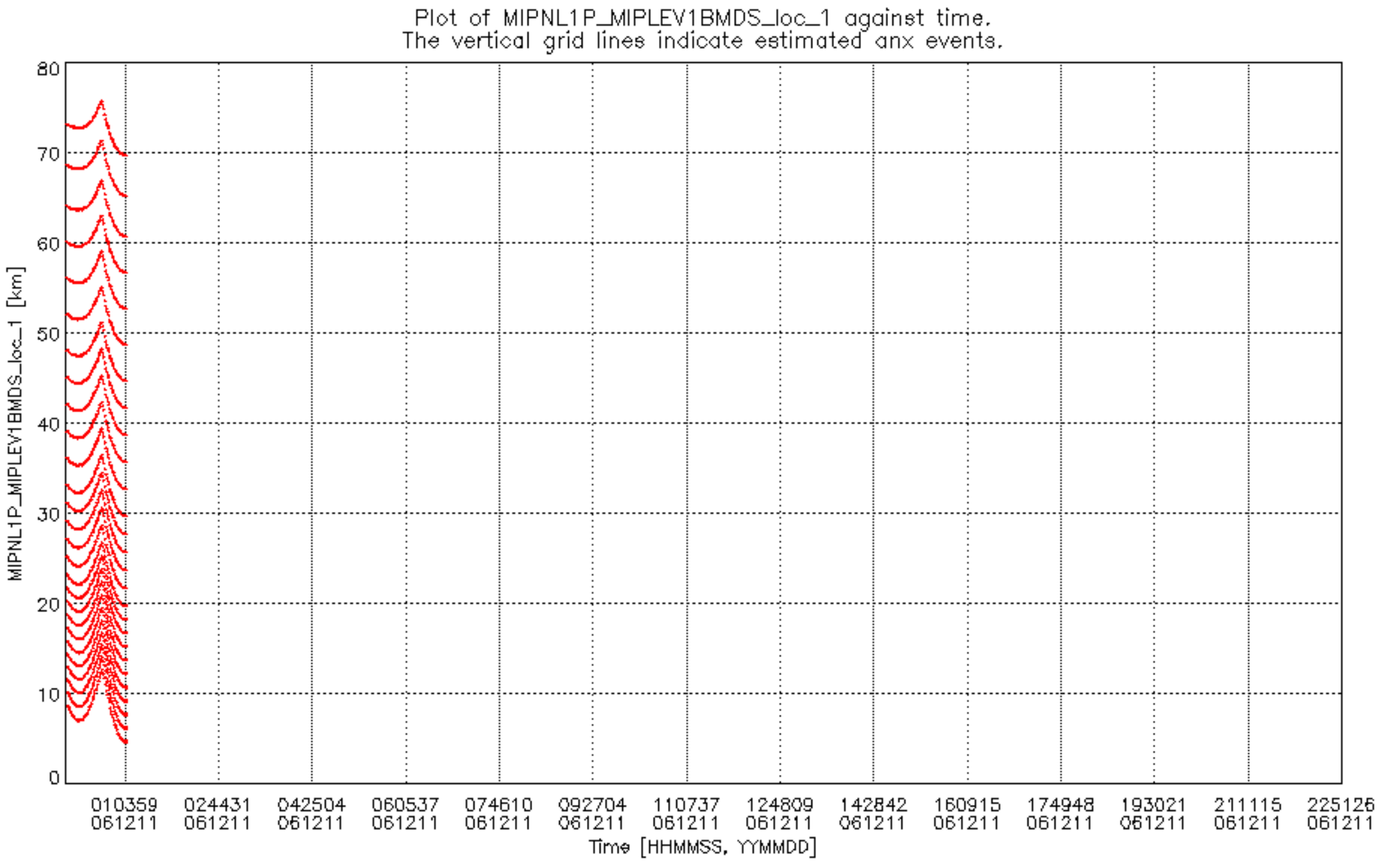


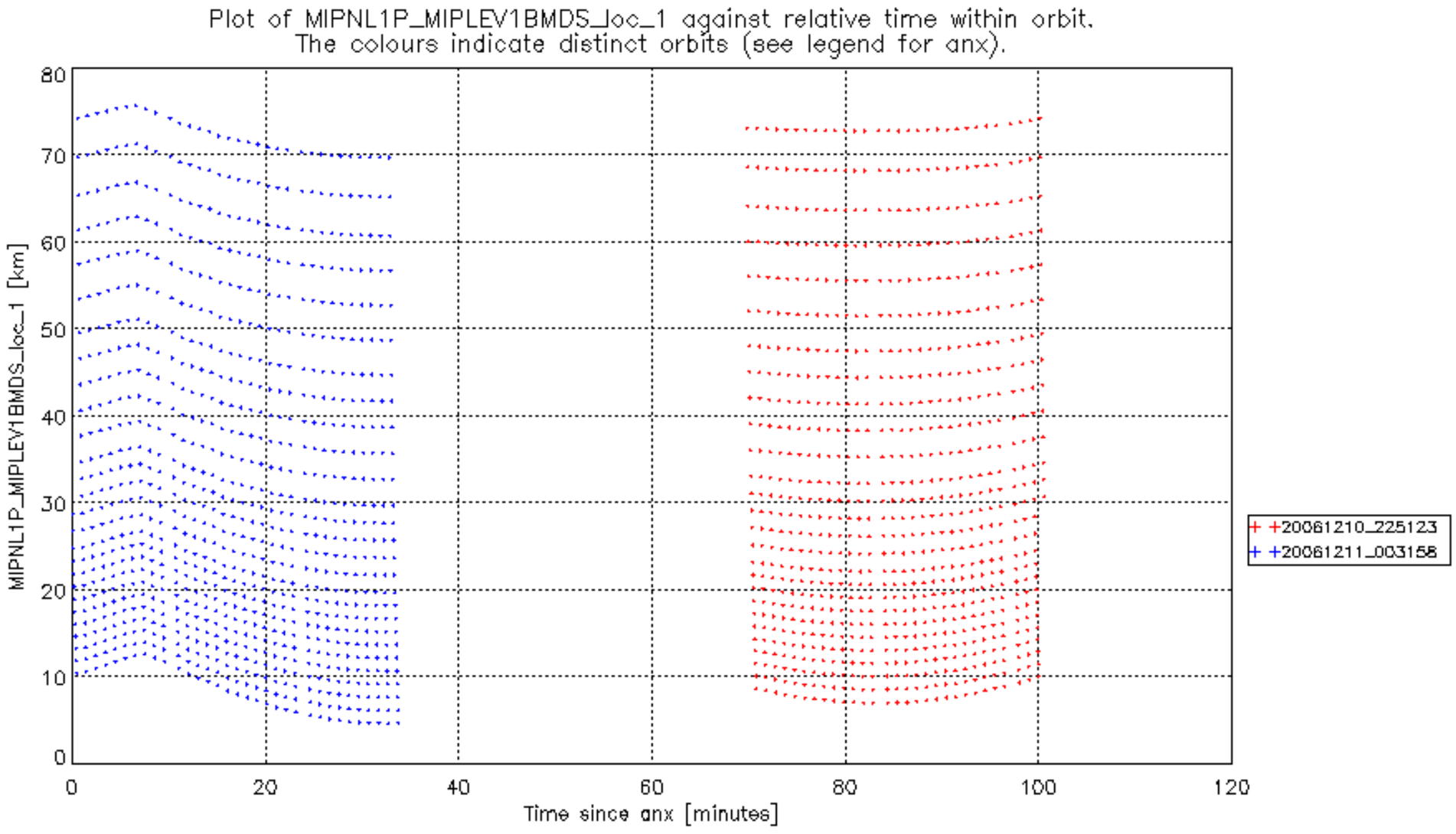

Bar plot of MIPNL1P_MIPLEV1BMDS_detect_non_lin_flux detector B
Time
00:00.00 11/12/2006
01:00.00 11/12/2006
02:00.00 11/12/2006
03:00.00 11/12/2006
04:00.00 11/12/2006
05:00.00 11/12/2006
06:00.00 11/12/2006
07:00.00 11/12/2006
08:00.00 11/12/2006
09:00.00 11/12/2006
10:00.00 11/12/2006
11:00.00 11/12/2006
12:00.00 11/12/2006
13:00.00 11/12/2006
14:00.00 11/12/2006
15:00.00 11/12/2006
16:00.00 11/12/2006
17:00.00 11/12/2006
18:00.00 11/12/2006
19:00.00 11/12/2006
20:00.00 11/12/2006
21:00.00 11/12/2006
22:00.00 11/12/2006
23:00.00 11/12/2006
00:00.00 12/12/2006
0
5
10
15
20
25
30
Time [minutes, each row is 30 minutes of data, each section of two rows is an hour of data]
Flux valid
Flux invalid

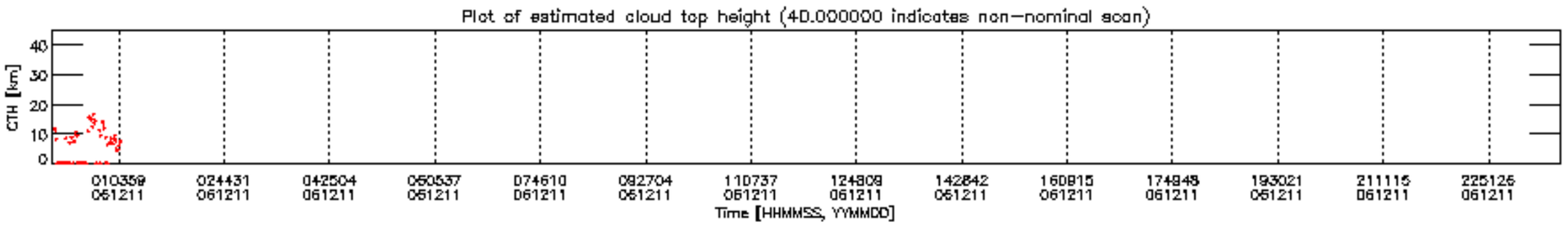
Geolocation plot of MIPNL1P_MIPLEV1BMDS_detect_non_lin_flux detector 8

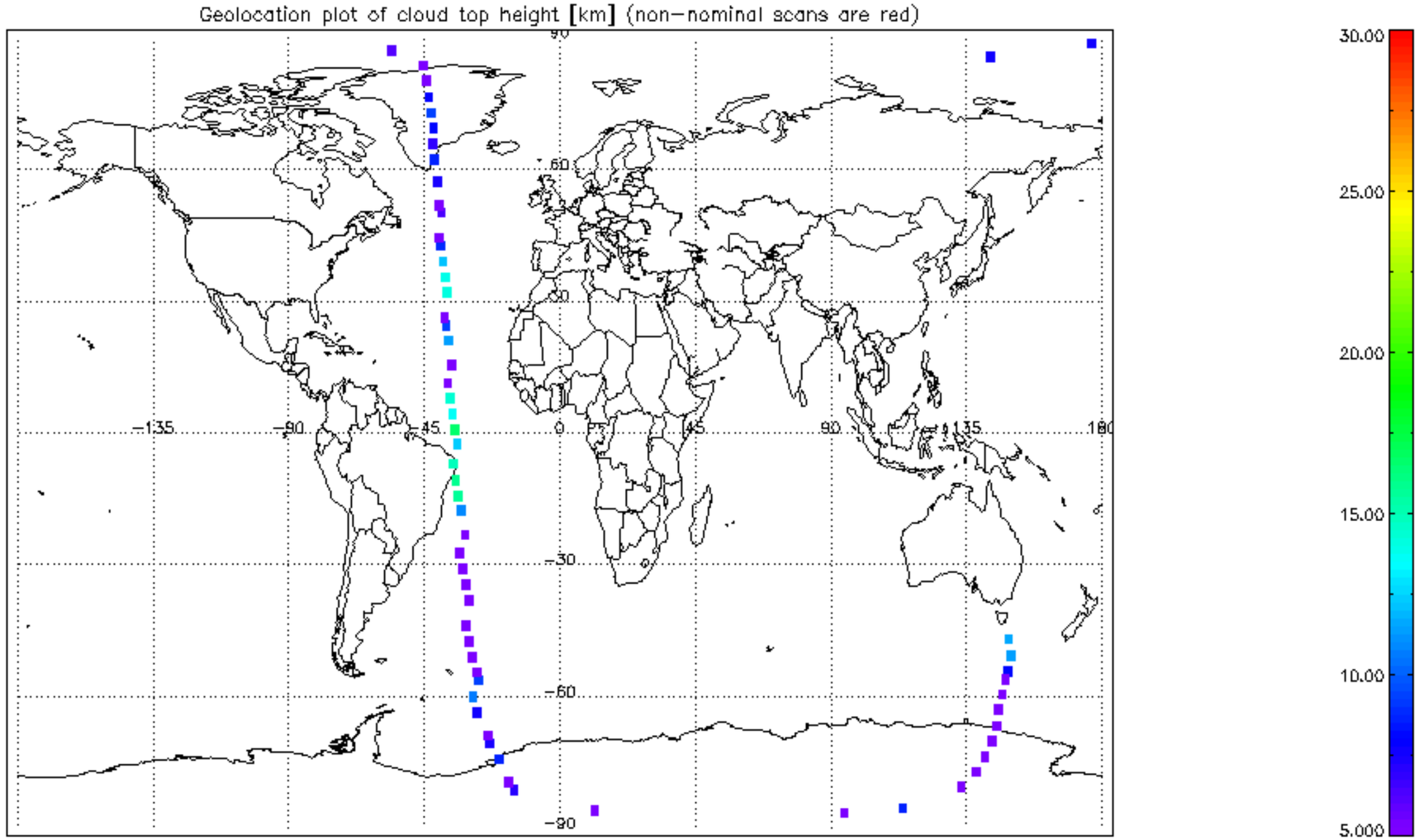


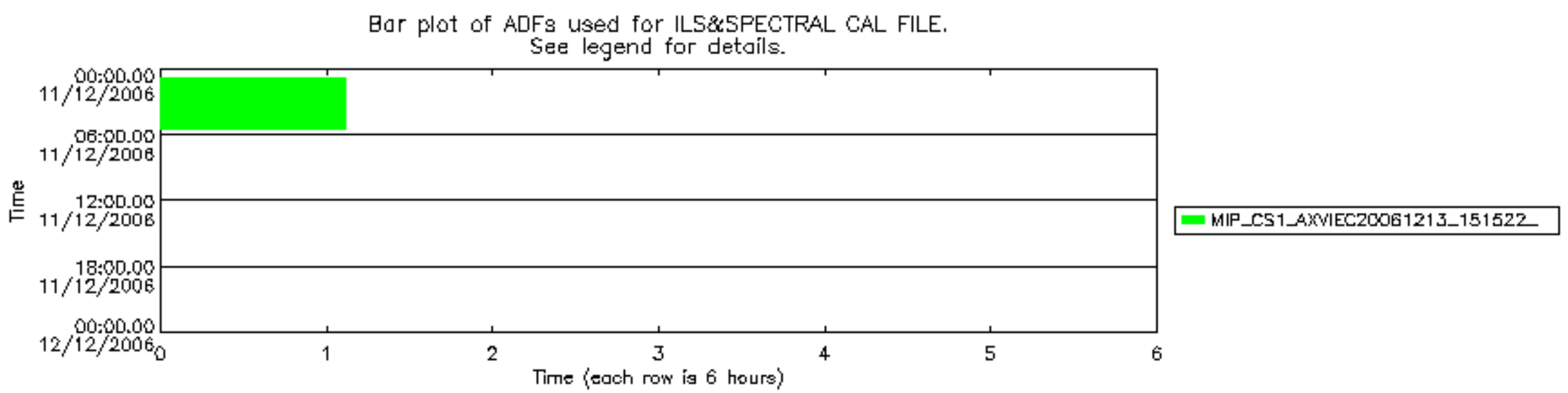

Plot of MIPNL1P_SCAINFADS_nesr_data [W/(cm^2.sr.cm^(-1))] 1 of 1
000114
000215
000315
000416
000516
000617
000718
000818
000919
001019
001120
001221
001321
001451
001552
001652
001753
001854
001954
002055
002155
002256
002357
002457
002558
002658
002828
002929
003029
003130
003231
003331
003432
003532
003633
003734
003834
003935
004035
004205
004306
004406
004507
004608
004708
004809
004909
005010
005111
005211
005312
005412
005542
005643
005743
005844
005945
010045
010146
010246
010347
010448
1000
900
800
700
600
500
400
300
200
100
0
[]
0
30
60
90
120
150
180
210
240
270
300
[]
$10^{-7.000}$
$10^{-8.000}$
$10^{-9.000}$

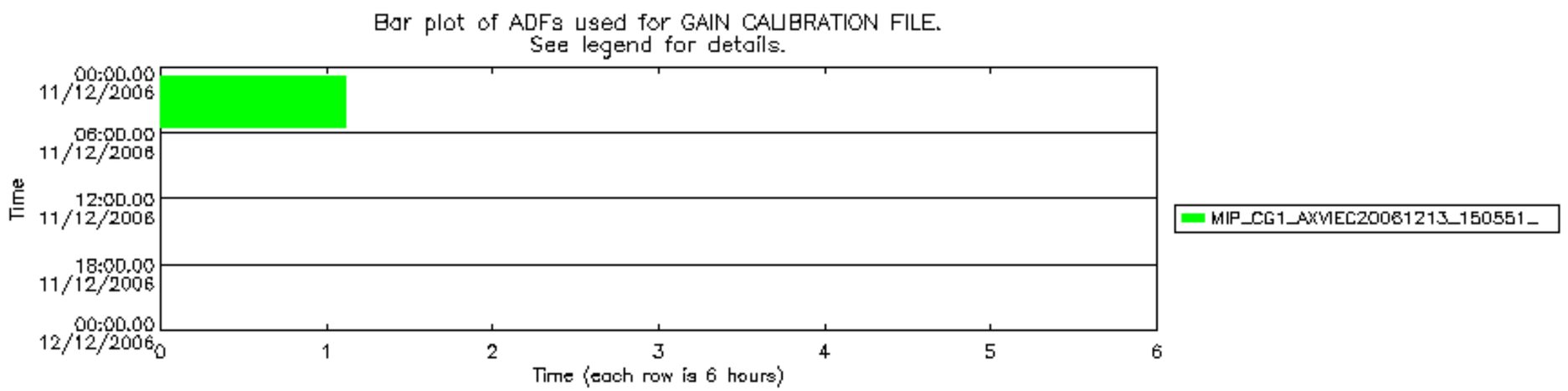

Plot of MIPNL1P_MIPLEV1BMDS_loc_1 against time.
The vertical grid lines indicate estimated anx events.
MIPNL1P_MIPLEV1BMDS_loc_1 [km]
80
70
60
50
40
30
20
10
0
010359 061211
024431 061211
042504 061211
060537 061211
074610 061211
092704 061211
110737 061211
124809 061211
142842 061211
160915 061211
174948 061211
193021 061211
211115 061211
225126 061211
Time [HHMMSS, YYMMDD]

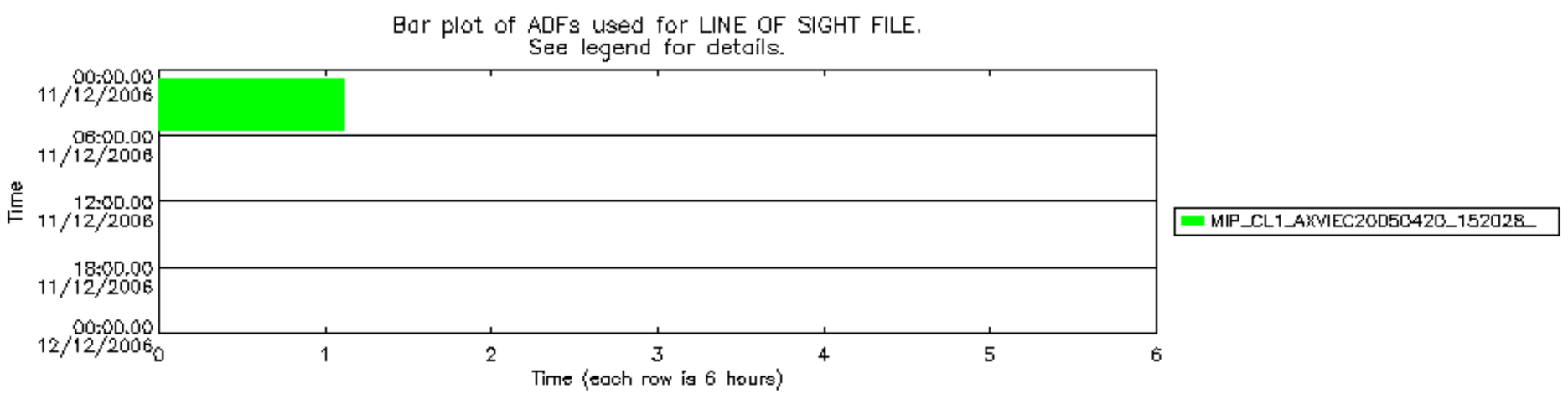

Plot of MIPNL1P_MIPLEV1BMDS_loc_1 against relative time within orbit.
The colours indicate distinct orbits (see legend for anx).
MIPNL1P_MIPLEV1BMDS_loc_1 [km]
Time since anx [minutes]
0
10
20
30
40
50
60
70
80
0
20
40
60
80
100
120
+20061210_225123
+20061211_003158

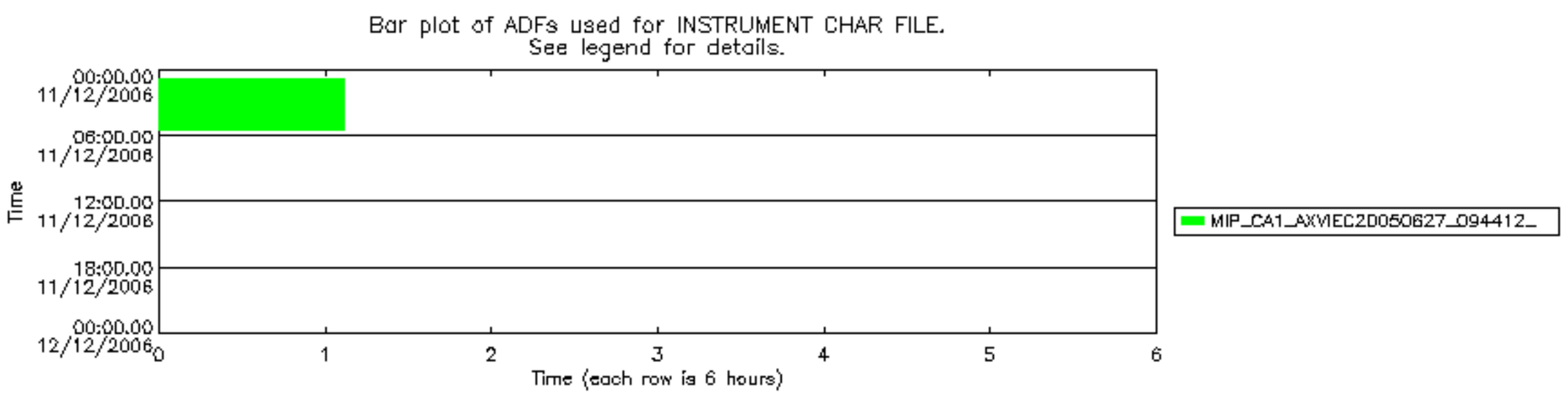

Plot of estimated cloud top height (40.000000 indicates non-nominal scan)
CTH [km]
40
30
20
10
0
010359 061211
024431 061211
042504 061211
060537 061211
074610 061211
092704 061211
110737 061211
124809 061211
142842 061211
160915 061211
174948 061211
193021 061211
211115 061211
225126 061211
Time [HHMMSS, YYMMDD]

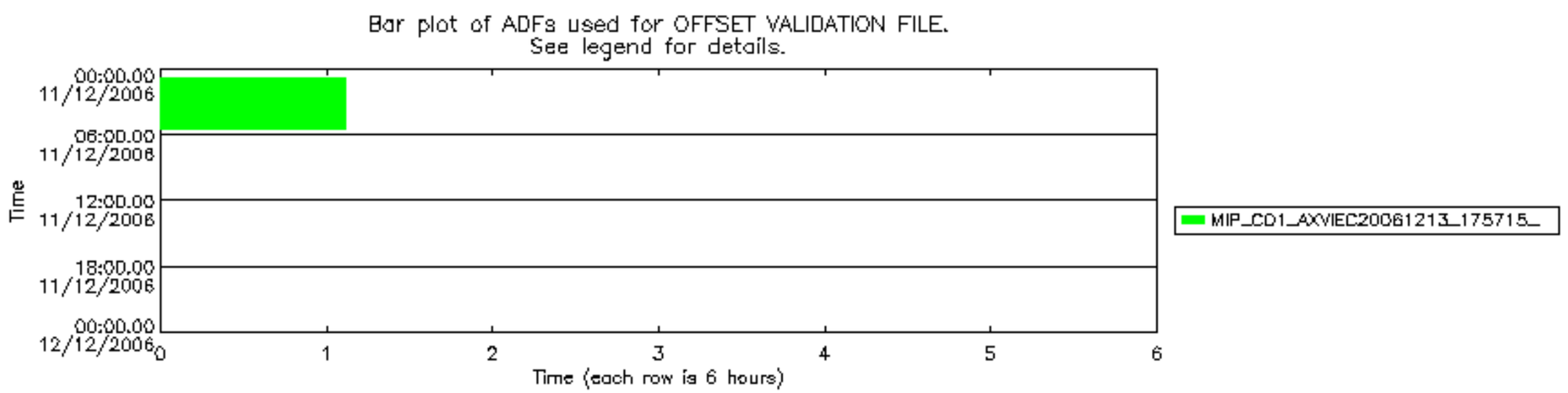

Geolocation plot of cloud top height [km] (non-nominal scans are red)
90
60
30
-30
-60
-90
-135
-90
-45
0
45
90
135
180
30.00
25.00
20.00
15.00
10.00
5.000

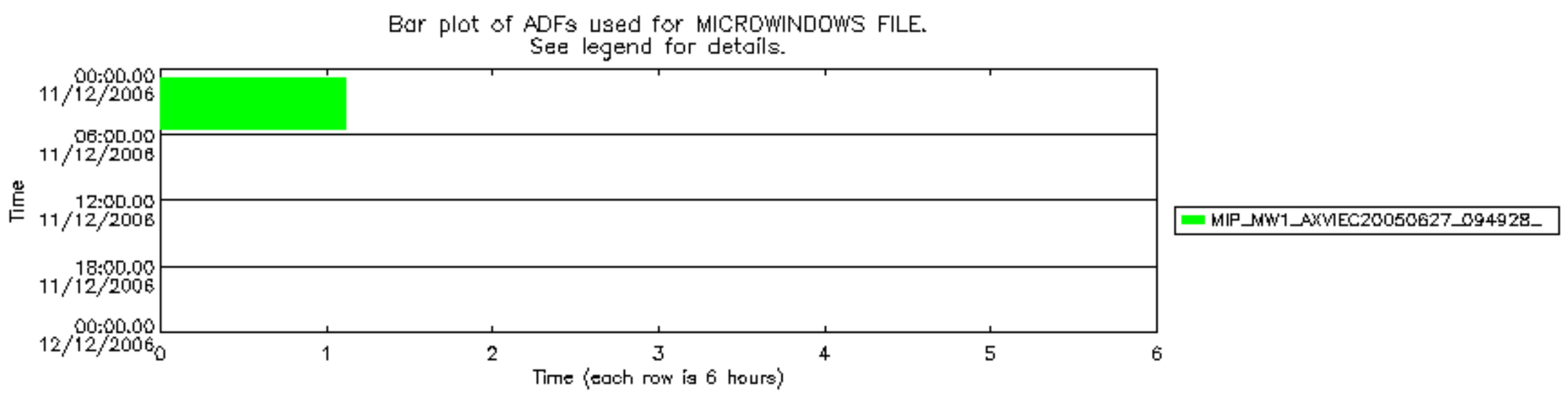

Bar plot of ADFs used for ILS&SPECTRAL CAL FILE.
See legend for details.
00:00.00
11/12/2006
06:00.00
11/12/2006
12:00.00
11/12/2006
18:00.00
11/12/2006
00:00.00
12/12/2006
Time
0
1
2
3
4
5
6
Time (each row is 6 hours)
MIP_CS1_AXVIEC20061213_151522_

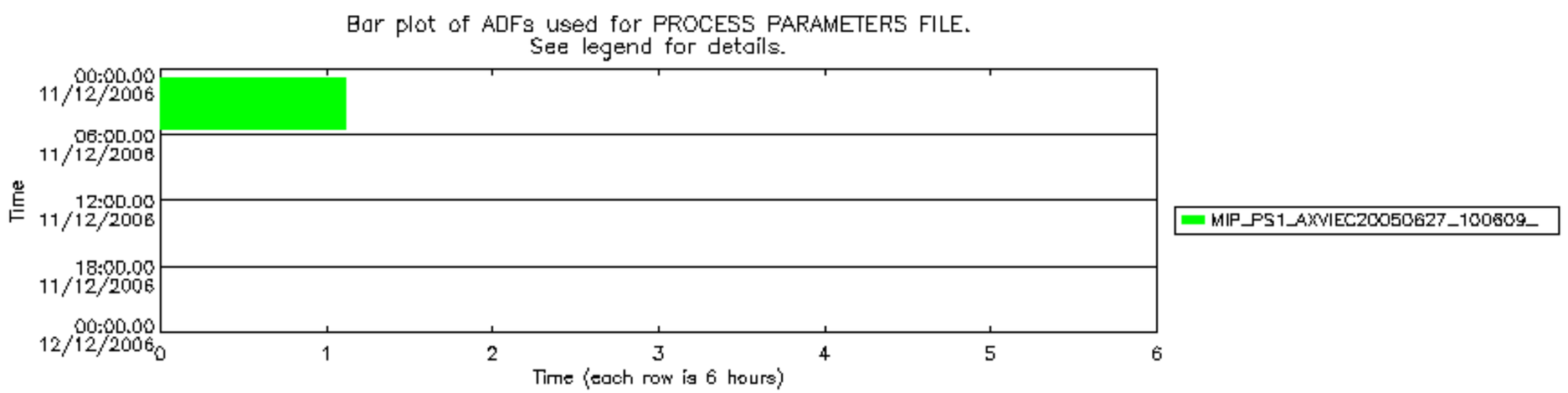

Bar plot of ADFs used for GAIN CALIBRATION FILE.
See legend for details.
00:00.00
11/12/2006
06:00.00
11/12/2006
12:00.00
11/12/2006
18:00.00
11/12/2006
00:00.00
12/12/2006
Time
0
1
2
3
4
5
6
Time (each row is 6 hours)
MIP_CG1_AXVIEC20061213_150551_

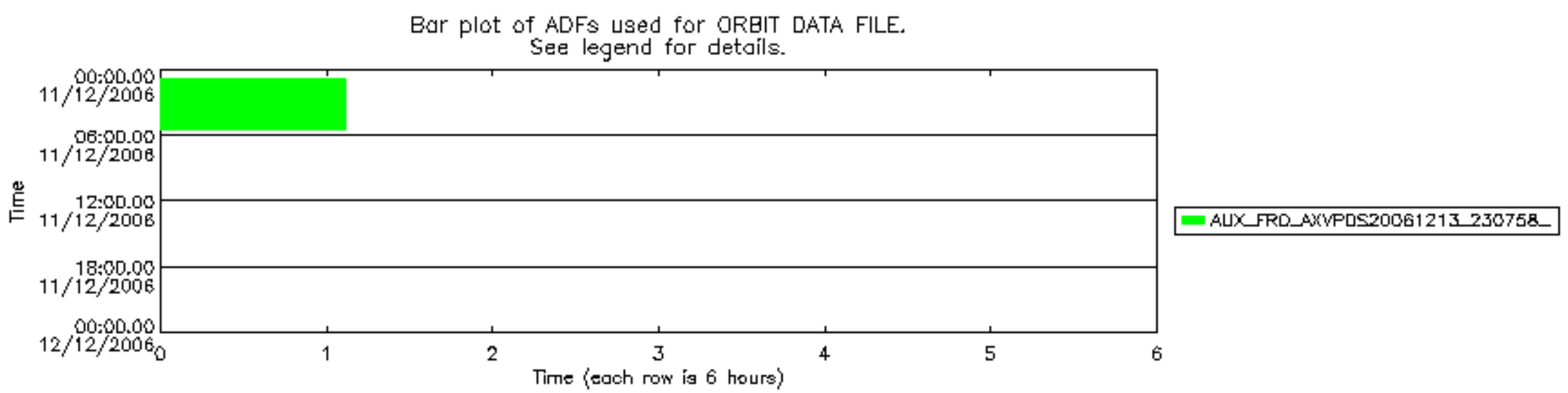

Bar plot of ADFs used for LINE OF SIGHT FILE.
See legend for details.
00:00.00
11/12/2006
06:00.00
11/12/2006
12:00.00
11/12/2006
18:00.00
11/12/2006
00:00.00
12/12/2006
Time
0
1
2
3
4
5
6
Time (each row is 6 hours)
MIP_CL1_AXVIEC20050420_152028_


Bar plot of ADFs used for INSTRUMENT CHAR FILE.
See legend for details.
00:00.00
11/12/2006
06:00.00
11/12/2006
12:00.00
11/12/2006
18:00.00
11/12/2006
00:00.00
12/12/2006
Time
0
1
2
3
4
5
6
Time (each row is 6 hours)
MIP_CA1_AXVIEC20050627_094412_


Bar plot of ADFs used for OFFSET VALIDATION FILE.
See legend for details.
00:00.00
11/12/2006
06:00.00
11/12/2006
12:00.00
11/12/2006
18:00.00
11/12/2006
00:00.00
12/12/2006
Time
0
1
2
3
4
5
6
Time (each row is 6 hours)
MIP_CD1_AXVIEC20061213_175715_


Bar plot of ADFs used for MICROWINDOWS FILE.
See legend for details.
00:00.00
11/12/2006
06:00.00
11/12/2006
12:00.00
11/12/2006
18:00.00
11/12/2006
00:00.00
12/12/2006
Time
0
1
2
3
4
5
6
Time (each row is 6 hours)
MIP_MW1_AXVIEC20050627_094928_


Bar plot of ADFs used for PROCESS PARAMETERS FILE.
See legend for details.
00:00.00
11/12/2006
06:00.00
11/12/2006
12:00.00
11/12/2006
18:00.00
11/12/2006
00:00.00
12/12/2006
Time
0
1
2
3
4
5
6
Time (each row is 6 hours)
MIP_PS1_AXVIEC20050627_100809_


Bar plot of ADFs used for ORBIT DATA FILE.
See legend for details.
00:00.00
11/12/2006
06:00.00
11/12/2006
12:00.00
11/12/2006
18:00.00
11/12/2006
00:00.00
12/12/2006
Time
0
1
2
3
4
5
6
Time (each row is 6 hours)
AUX_FRO_AXVPDS20061213_230758_