

2. MIPAS Daily Report for level 2 products summary report

(See [mipas_daily_report_level2_ML2PP_7_03_W_20060506.html](#) for a detailed report).

2.1. General Info

- [2.1.1 Report summary](#)
- [2.1.2 Summary per product](#)

2.2 Processing performance indicators

- [2.2.1 Successful retrievals](#)
- [2.2.2 Pressure overview](#)
- [2.2.3 Temperature overview](#)
- [2.2.4 Species overview](#)
- [2.2.5 History of daily averages](#)

2.1 General Info

This report contains a daily analysis on parameters extracted from MIPAS level 2 data (The MIP_NL__2P product).

2.1.1 Report summary

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

Item	Value
Report version	v1.11 26-05-2015
Time of report generation	26APR2016 15:54:53
Data source version	ML2PP/7.03-W
Processing scope for products	06MAY2006 00:00:00 to 07MAY2006 00:00:00
Start time of first product within scope	06MAY2006 04:05:04
Stop time of last product within scope	06MAY2006 21:50:11
Total number of level 2 products	10
Number of level 2 products with errors	1

2.1.2 Summary per product

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

#	Product name	Start time	Stop time	Prod err	Number of scans (tot/proc)	Quality summary warnings
0	MIP_NL__2PWDSI20060506_040504_000018512047_00262_21859_1000.N1	06MAY2006 04:05:04	06MAY2006 04:35:55	0	41/41	
1	MIP_NL__2PWDSI20060506_061811_000023292047_00263_21860_1000.N1	06MAY2006 06:18:11	06MAY2006 06:57:00	0	47/47	VMR_TERM_MACRO_MICRO[HCN/micro:1]
2	MIP_NL__2PWDSI20060506_065750_000060302047_00264_21861_1000.N1	06MAY2006 06:57:50	06MAY2006 08:38:19	0	110/110	VMR_TERM_MACRO_MICRO[F14/macro:1; HCN/micro:4]
3	MIP_NL__2PWDSI20060506_083826_000020122047_00265_21862_1000.N1	06MAY2006 08:38:26	06MAY2006 09:11:58	0	44/44	VMR_TERM_MACRO_MICRO[F14/macro:1]
4	MIP_NL__2PWDSI20060506_115802_000000382047_00266_21863_1000.N1	06MAY2006 11:58:02	06MAY2006 11:58:40	0	1/1	
5	MIP_NL__2PWDSI20060506_115930_000001252047_00267_21864_1000.N1	06MAY2006 11:59:30	06MAY2006 12:01:36	0	3/3	
6	MIP_NL__2PWDSI20060506_151835_000000082047_00268_21865_1000.N1	06MAY2006 15:18:35	06MAY2006 15:18:44	1	1/1	
7	MIP_NL__2PWDSI20060506_172952_000042792047_00270_21867_1000.N1	06MAY2006 17:29:52	06MAY2006 18:41:11	0	90/90	VMR_TERM_MACRO_MICRO[HCN/micro:2]
8	MIP_NL__2PWDSI20060506_184201_000060302047_00271_21868_1000.N1	06MAY2006 18:42:01	06MAY2006 20:22:31	0	128/128	
9	MIP_NL__2PWDSI20060506_202237_000052542047_00272_21869_1000.N1	06MAY2006 20:22:37	06MAY2006 21:50:11	0	111/111	

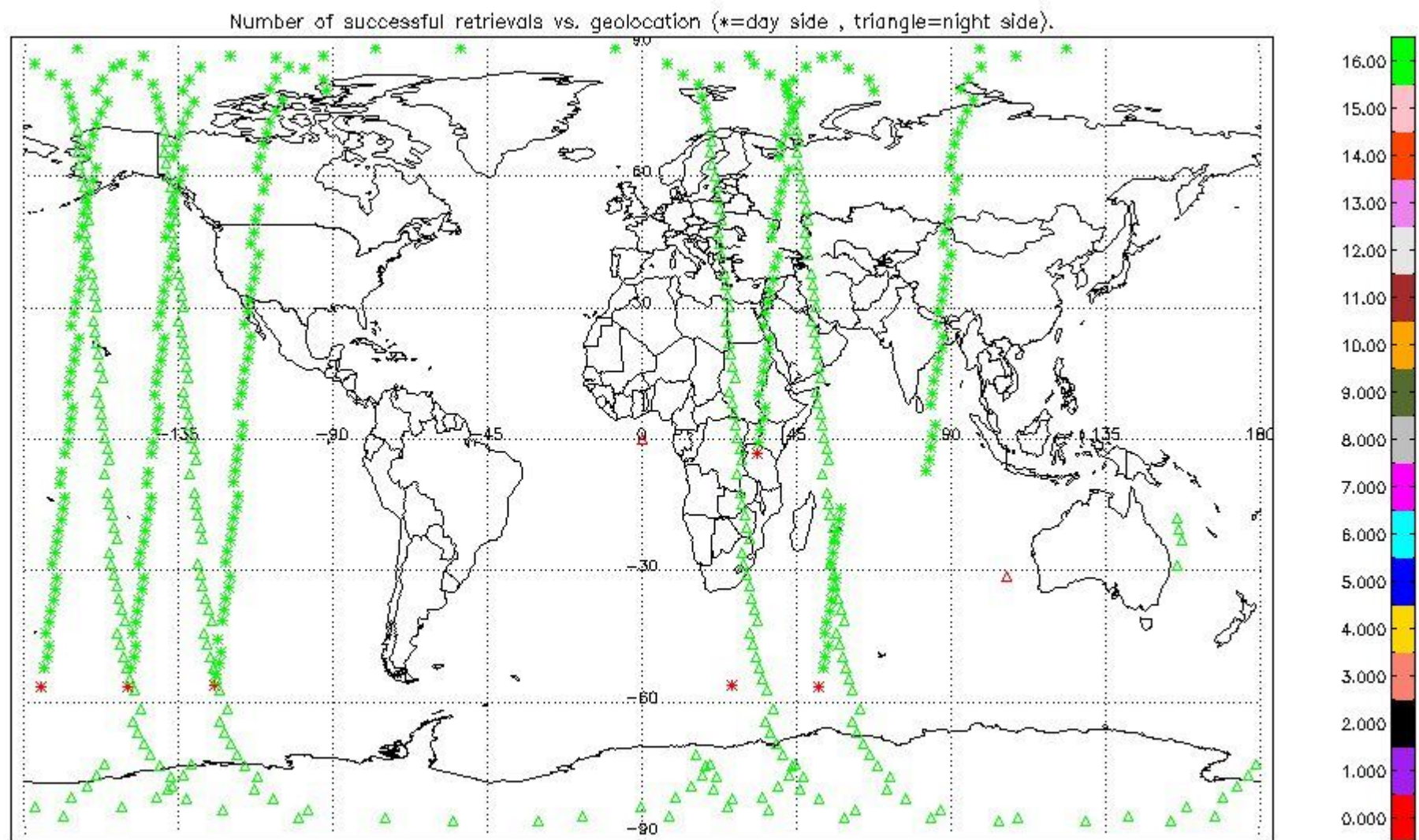
2.2 Processing performance indicators

2.2.1 Successful retrievals

This section includes a table with statistics on the number of retrievals, as well as a worldmap plot that shows successful retrievals.

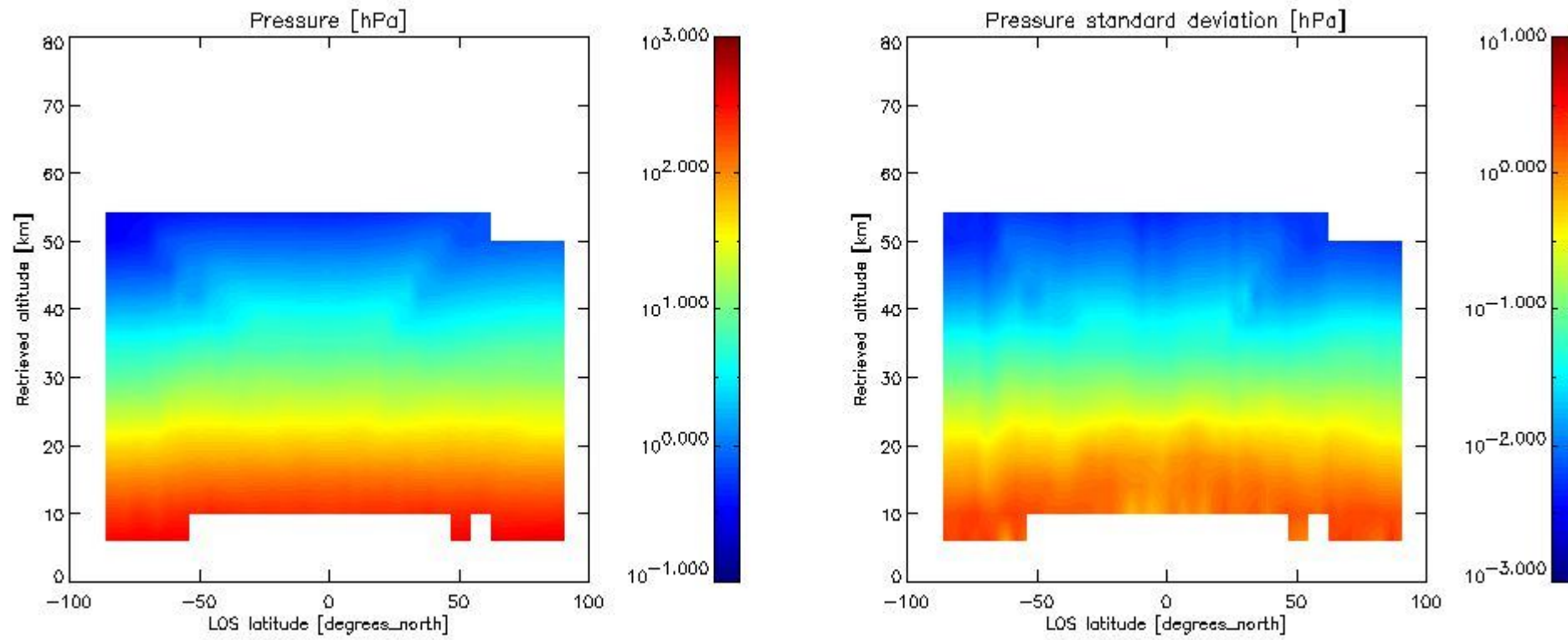
RETRIEVAL MDS	# scans processed	# Successful retrievals	%
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PT	576	564	97.917
H2O	576	564	97.917
O3	576	564	97.917
HNO3	576	564	97.917
CH4	576	564	97.917
N2O	576	564	97.917
NO2	576	564	97.917
F11	576	564	97.917
CLNO	576	564	97.917
N2O5	576	564	97.917
F12	576	564	97.917
COF2	576	564	97.917
CCL4	576	564	97.917
HCN	576	564	97.917
F14	576	564	97.917
F22	576	564	97.917



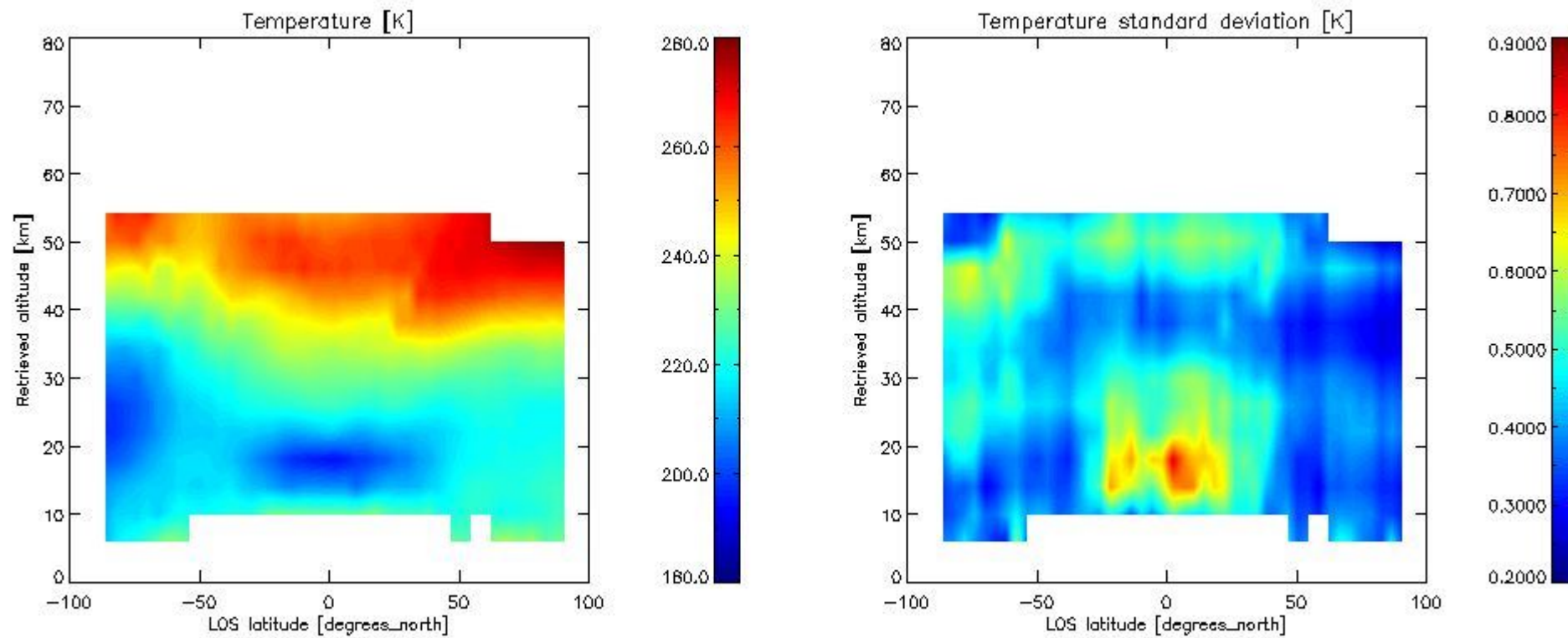
2.2.2 Pressure overview

This section shows values (left) and error (right) for pressure after binning individual sweep values over retrieved altitude and tangent latitude.



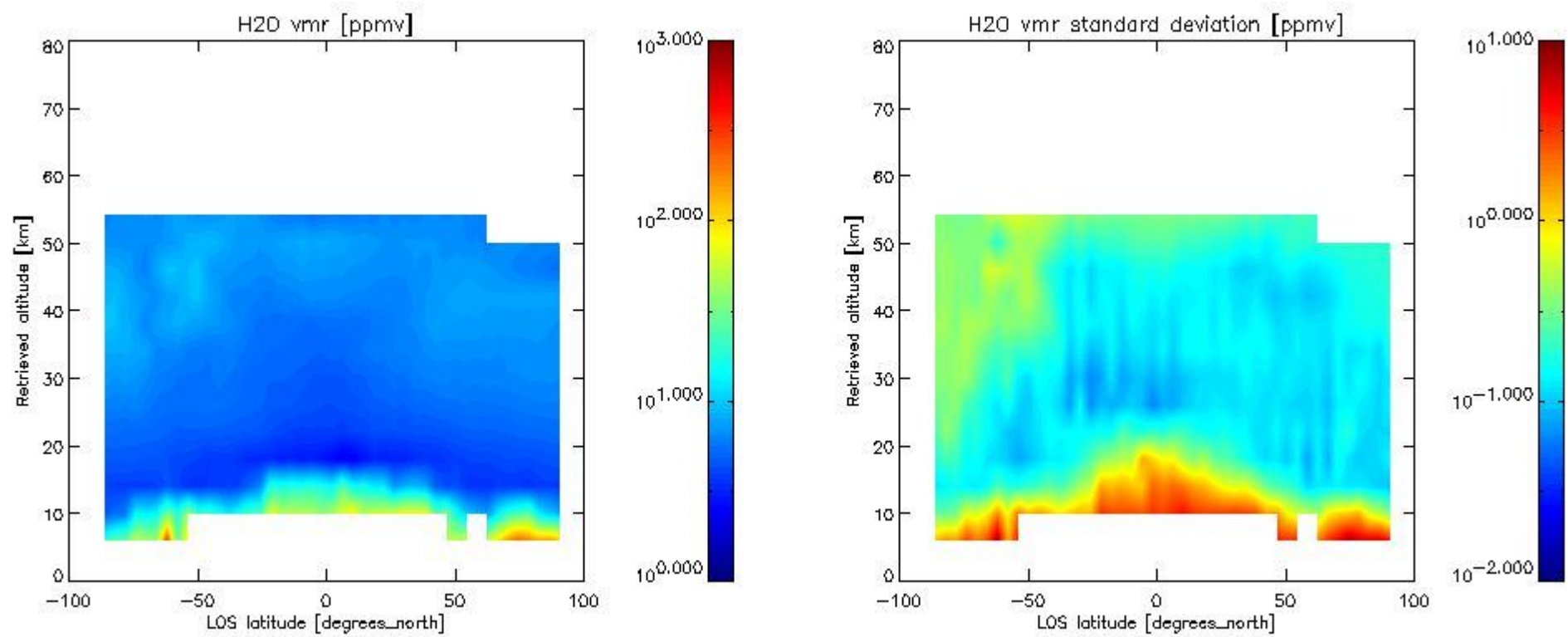
2.2.3 Temperature overview

This section shows values (left) and error (right) for temperature after binning individual sweep values over retrieved altitude and tangent latitude.

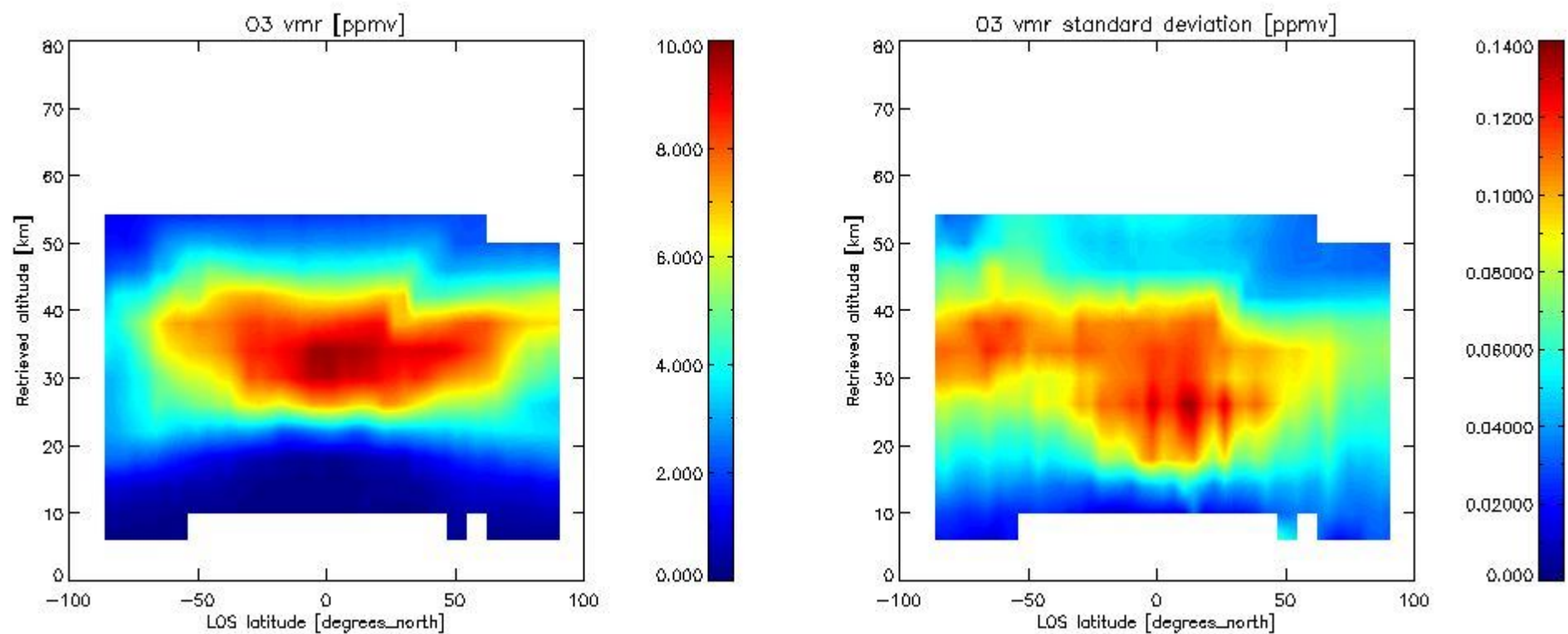


2.2.4 Species overview

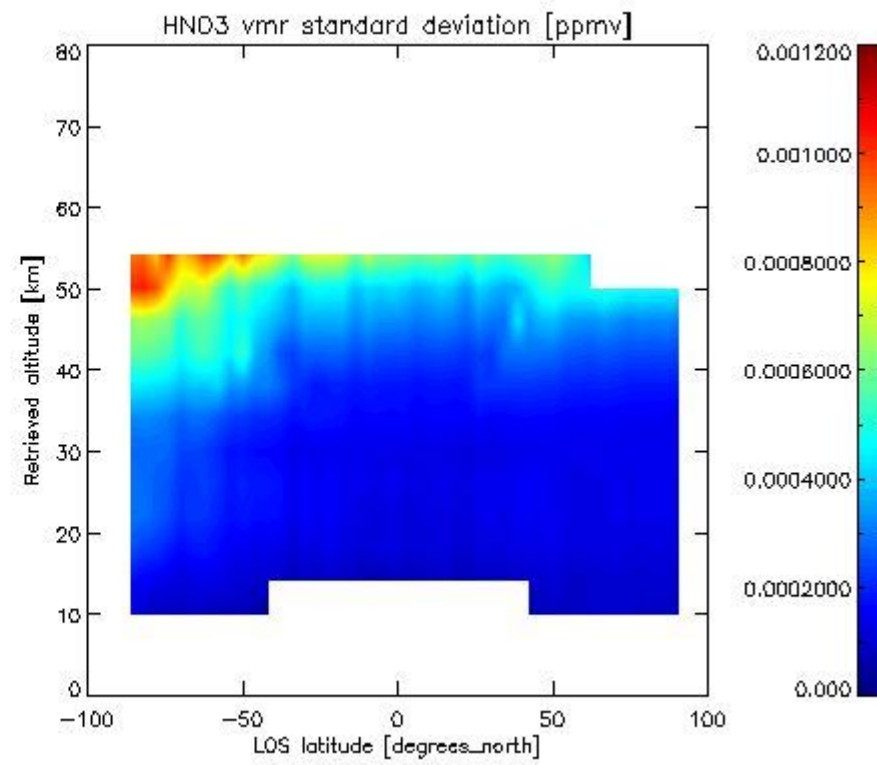
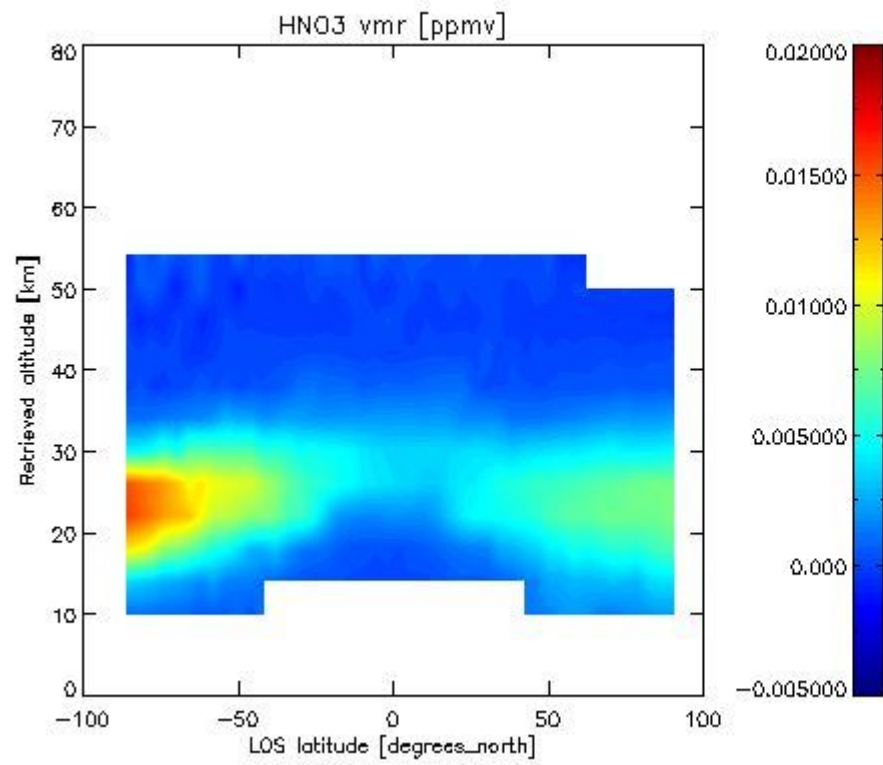
2.2.4.1 H₂O overview This section shows values (left) and error (right) for H₂O after binning individual sweep values over retrieved altitude and tangent latitude.



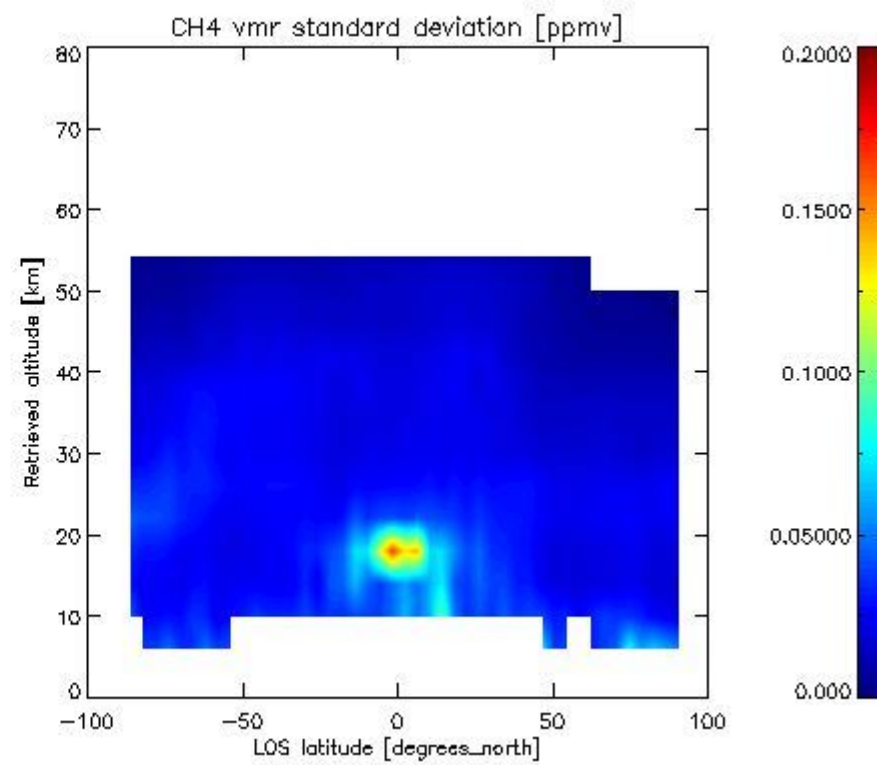
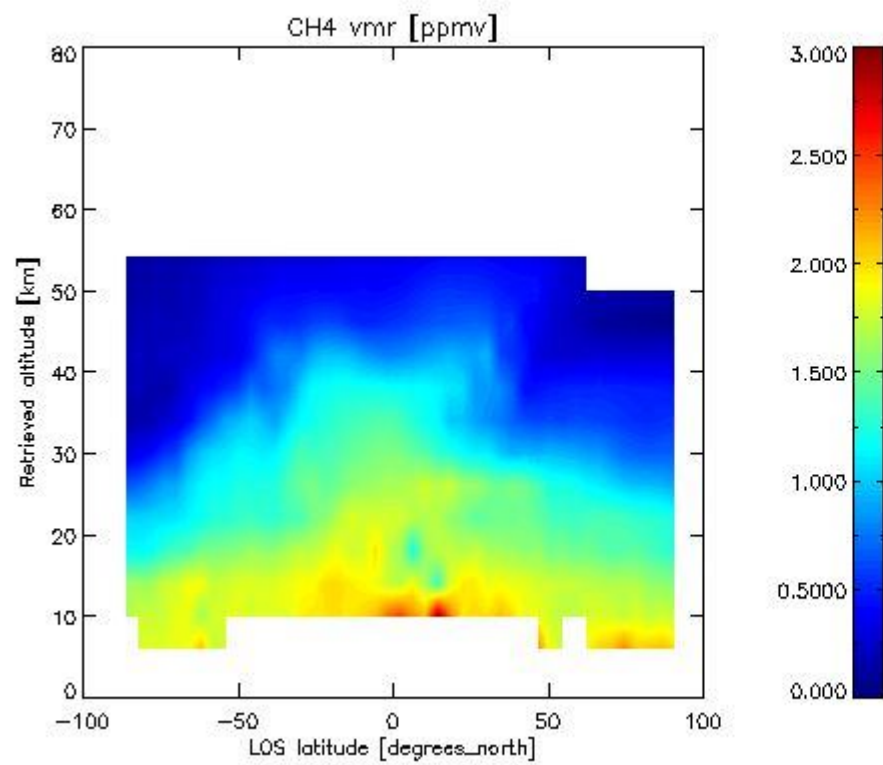
2.2.4.2 O3 overview This section shows values (left) and error (right) for O3 after binning individual sweep values over retrieved altitude and tangent latitude.



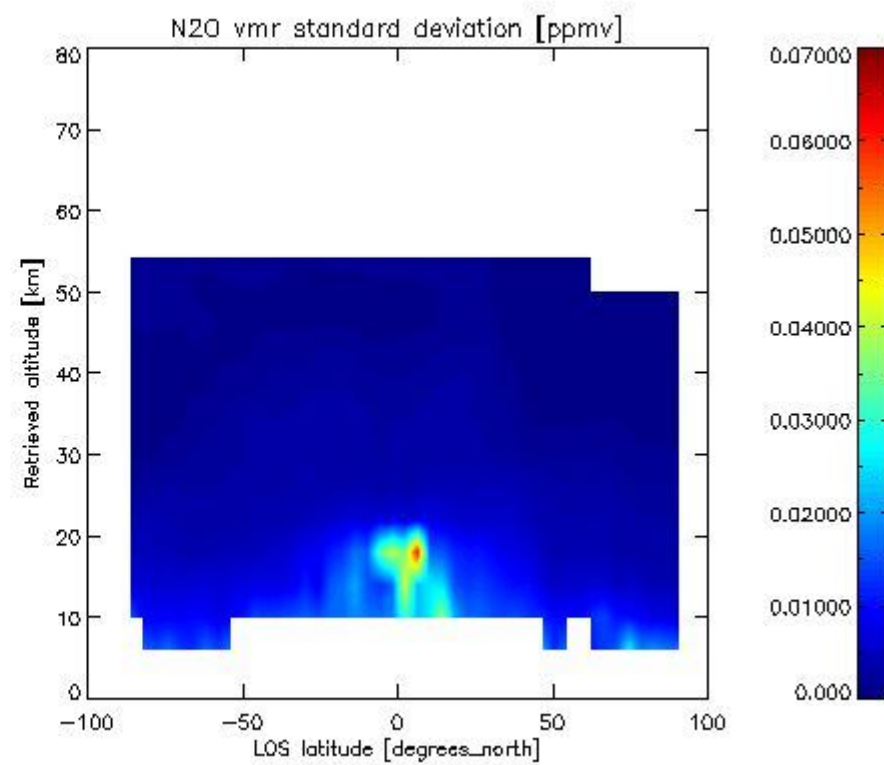
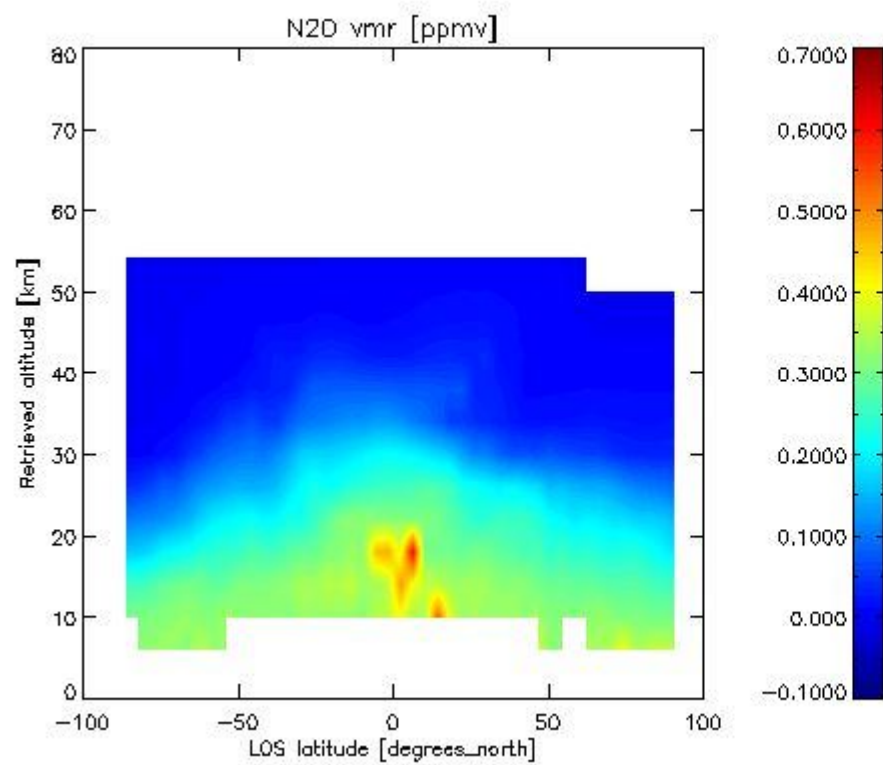
2.2.4.3 HNO3 overview This section shows values (left) and error (right) for HNO3 after binning individual sweep values over retrieved altitude and tangent latitude.



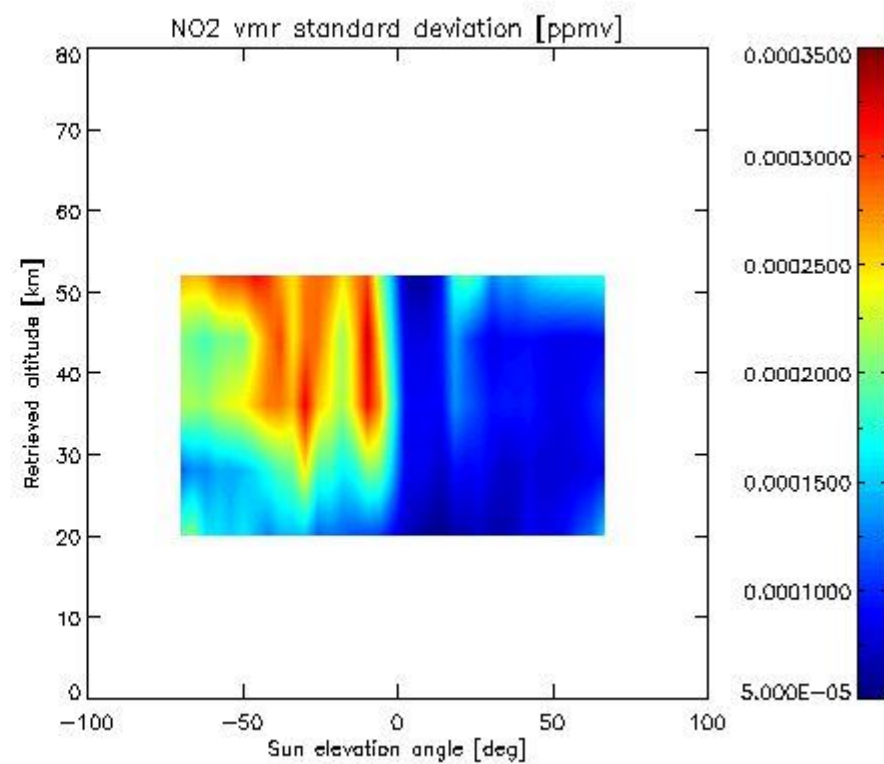
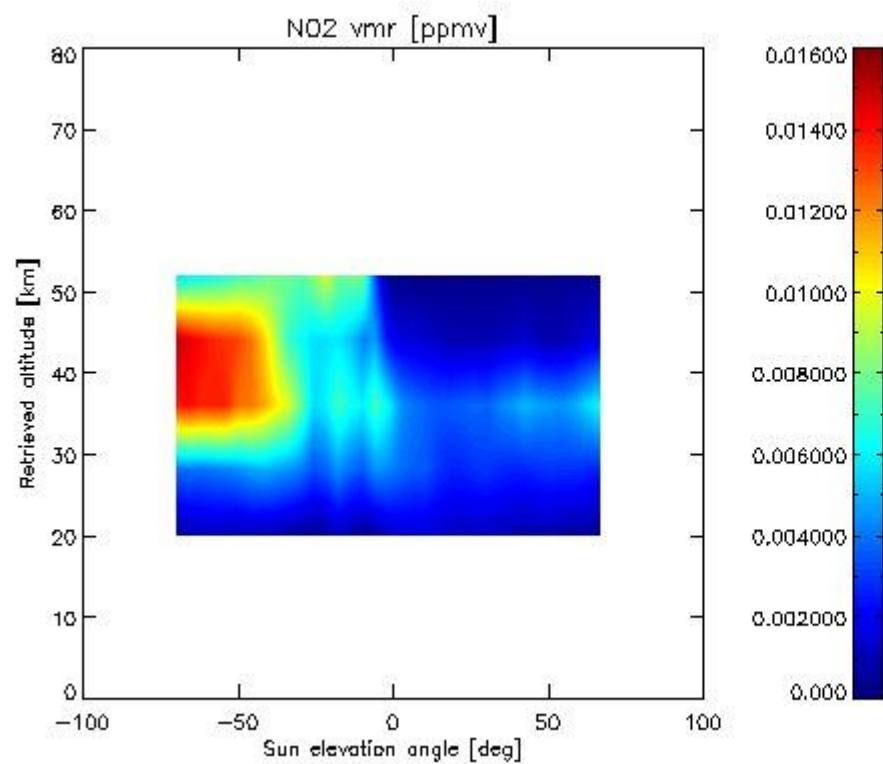
2.2.4.4 CH₄ overview This section shows values (left) and error (right) for CH₄ after binning individual sweep values over retrieved altitude and tangent latitude.



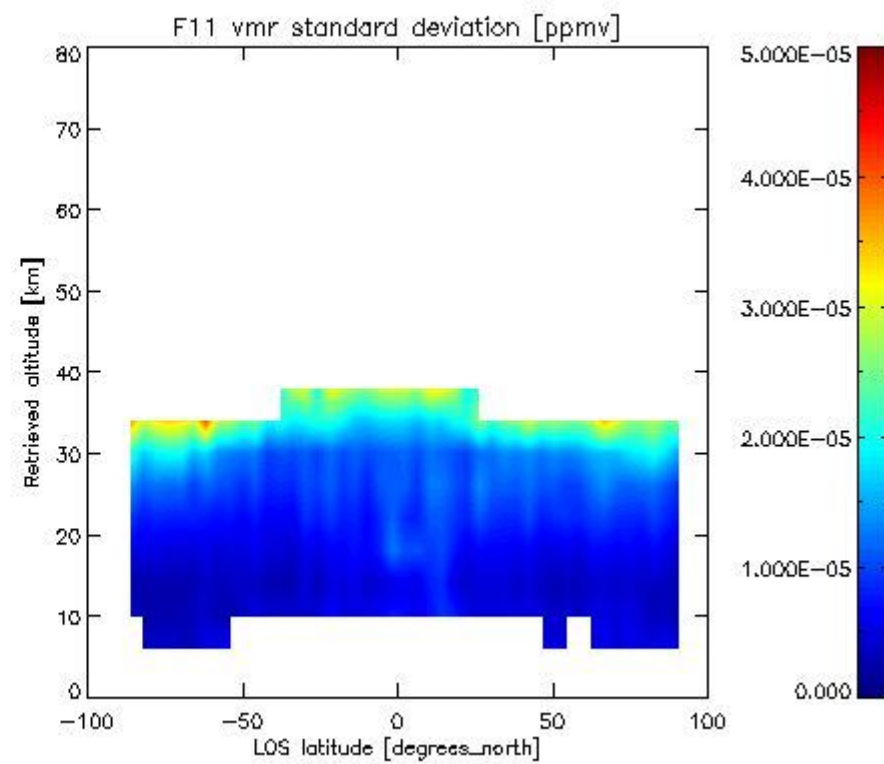
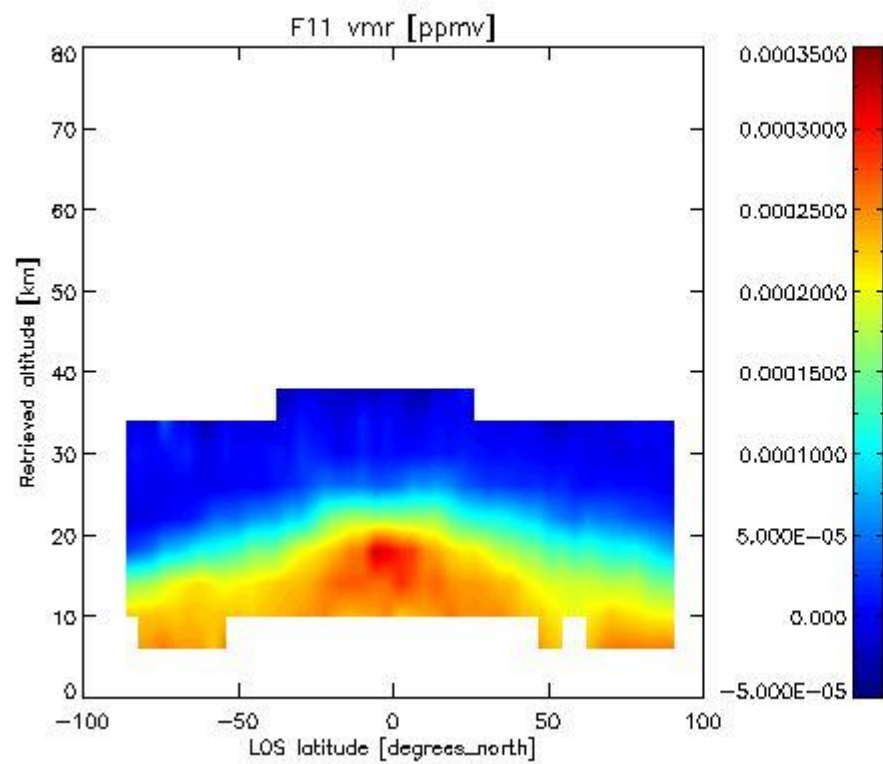
2.2.4.5 N₂O overview This section shows values (left) and error (right) for N₂O after binning individual sweep values over retrieved altitude and tangent latitude.



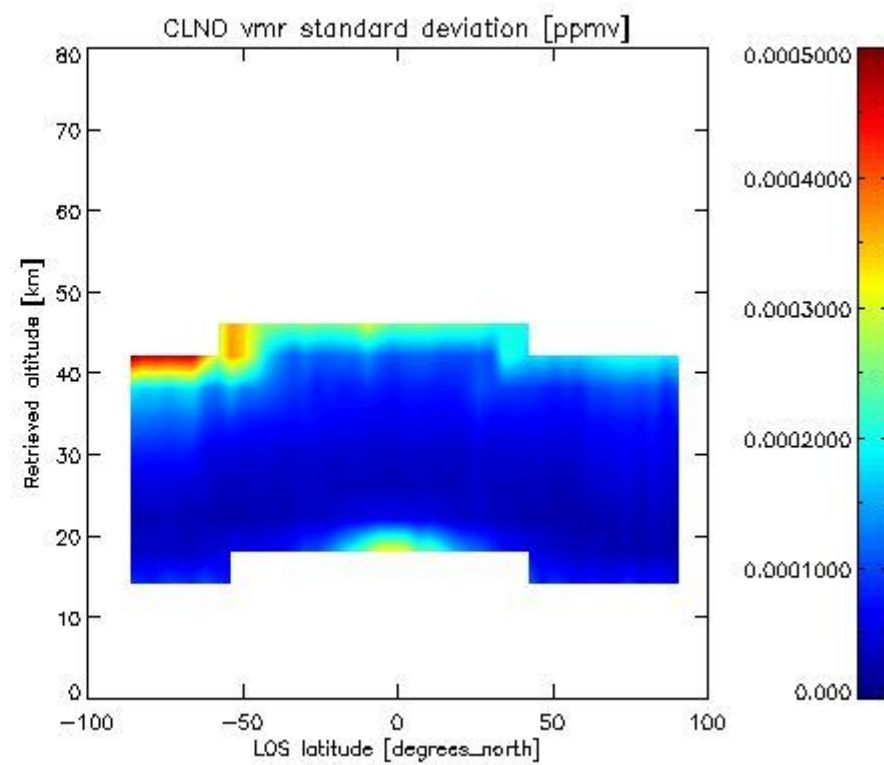
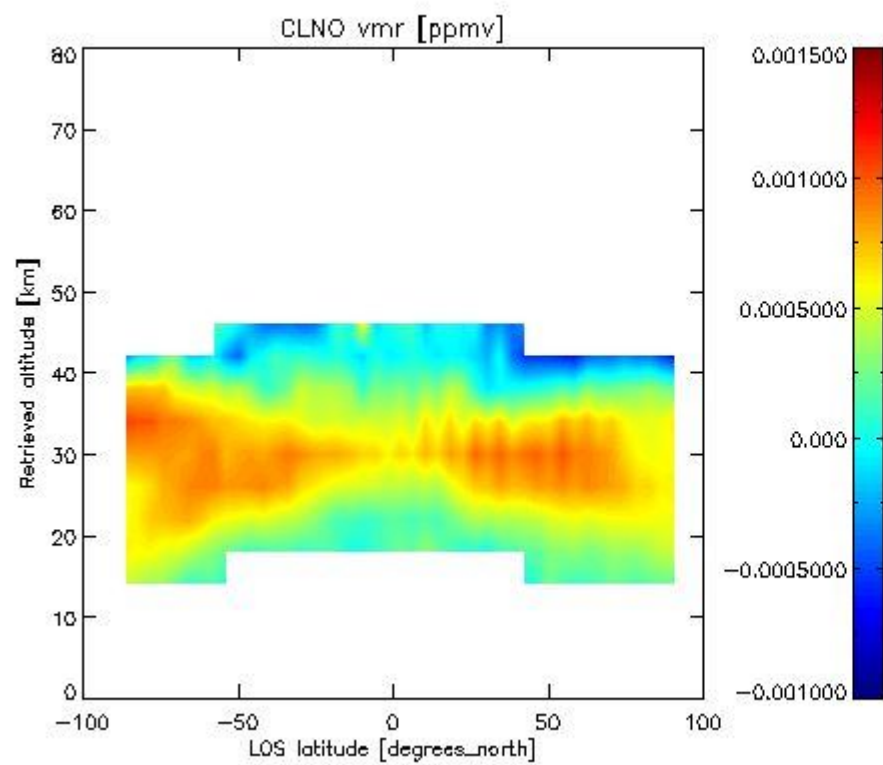
2.2.4.6 NO₂ overview This section shows values (left) and error (right) for NO₂ after binning individual sweep values over retrieved altitude and Sun Elevation Angle. Note that for NO₂ the bin heights are 6 km.

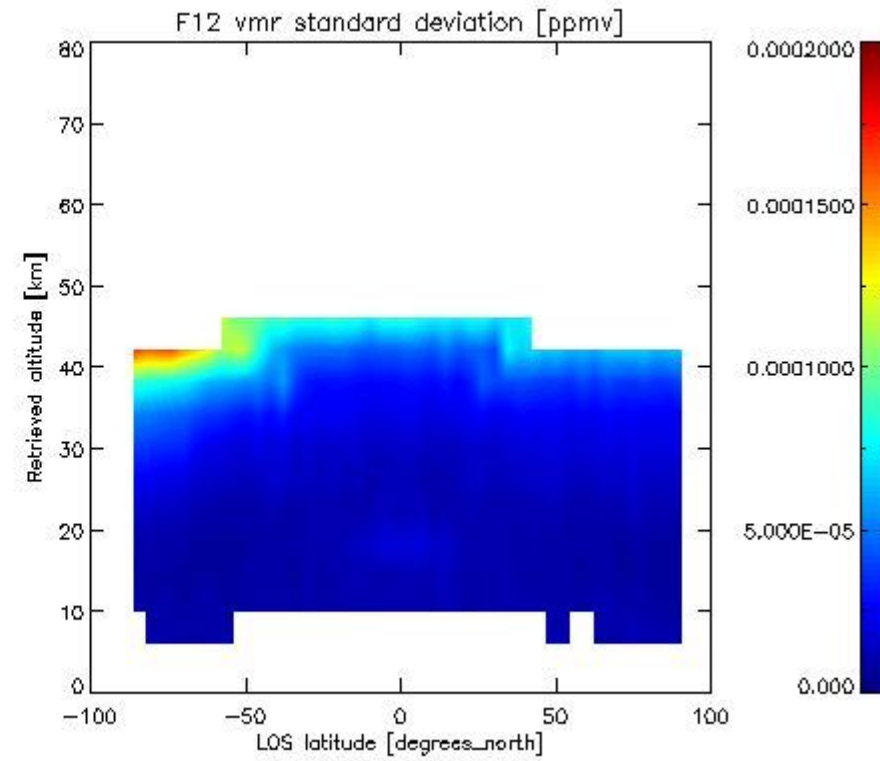
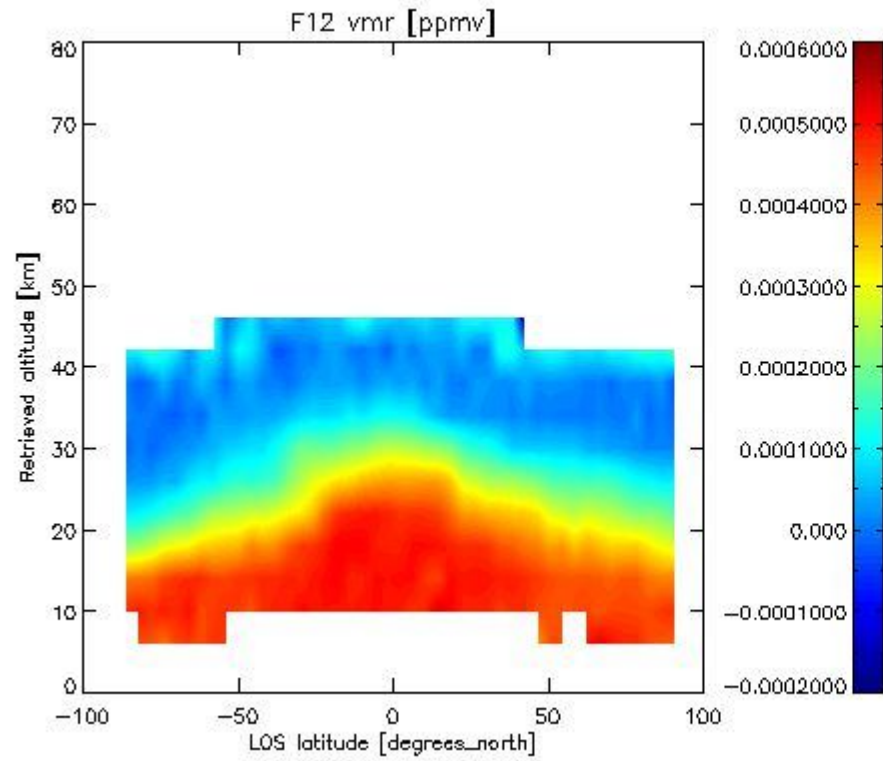
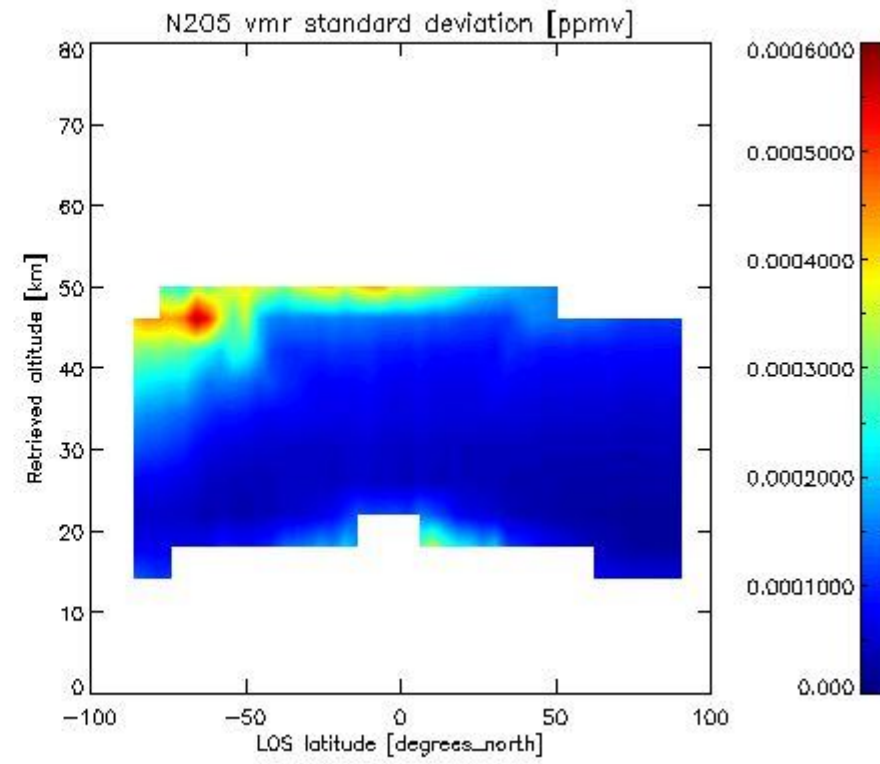
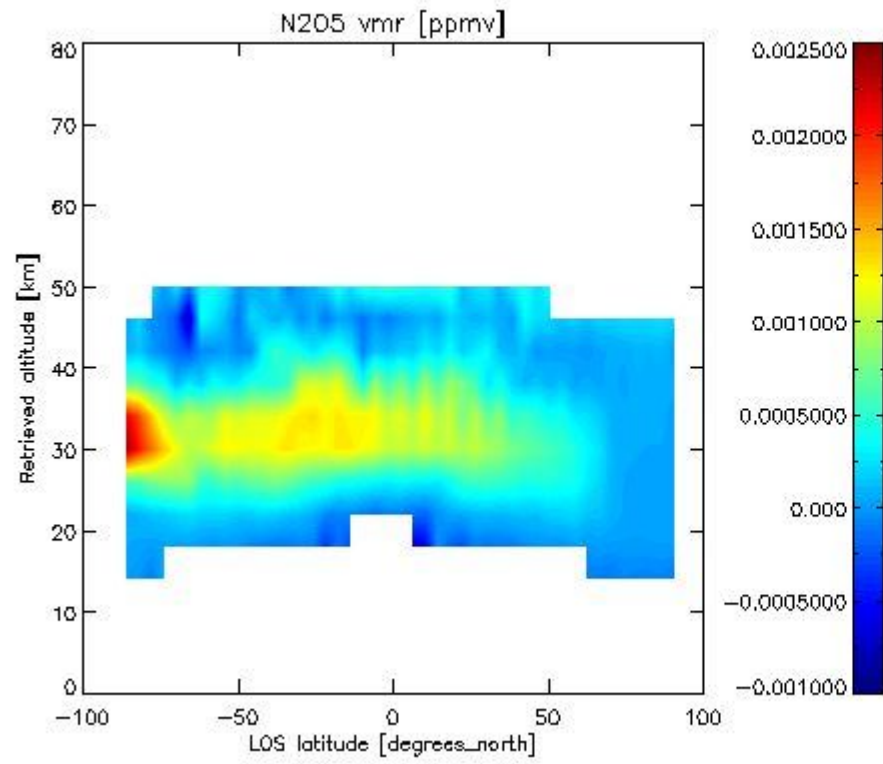


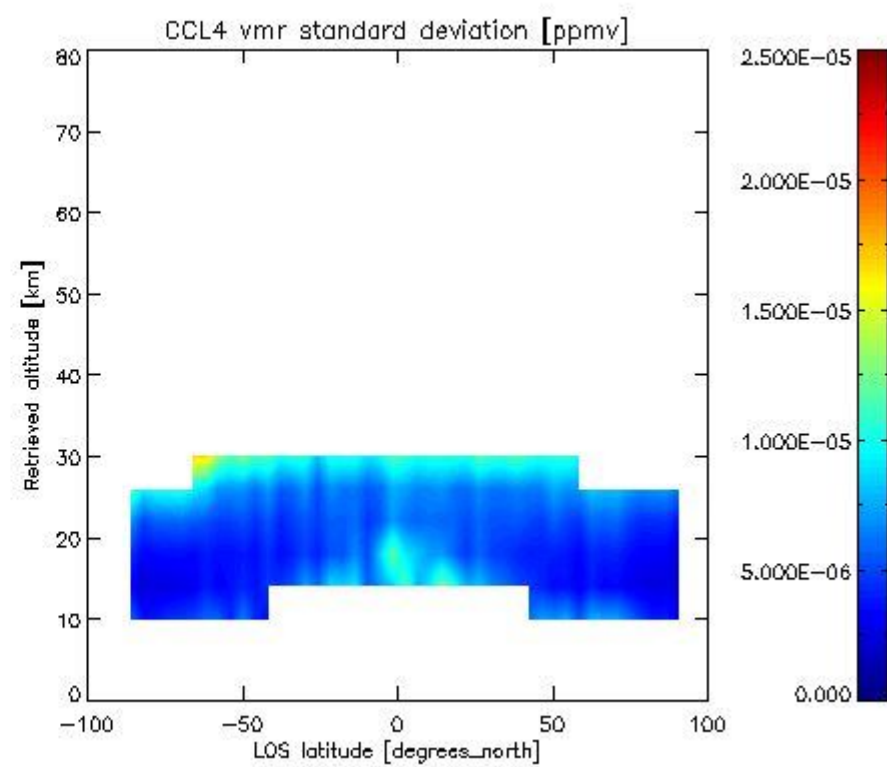
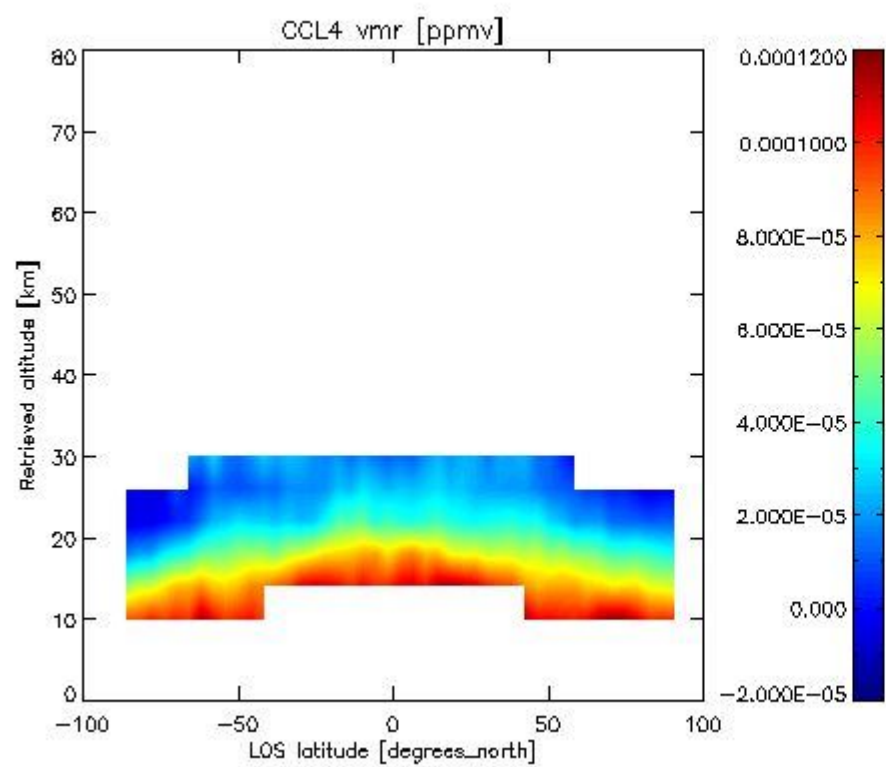
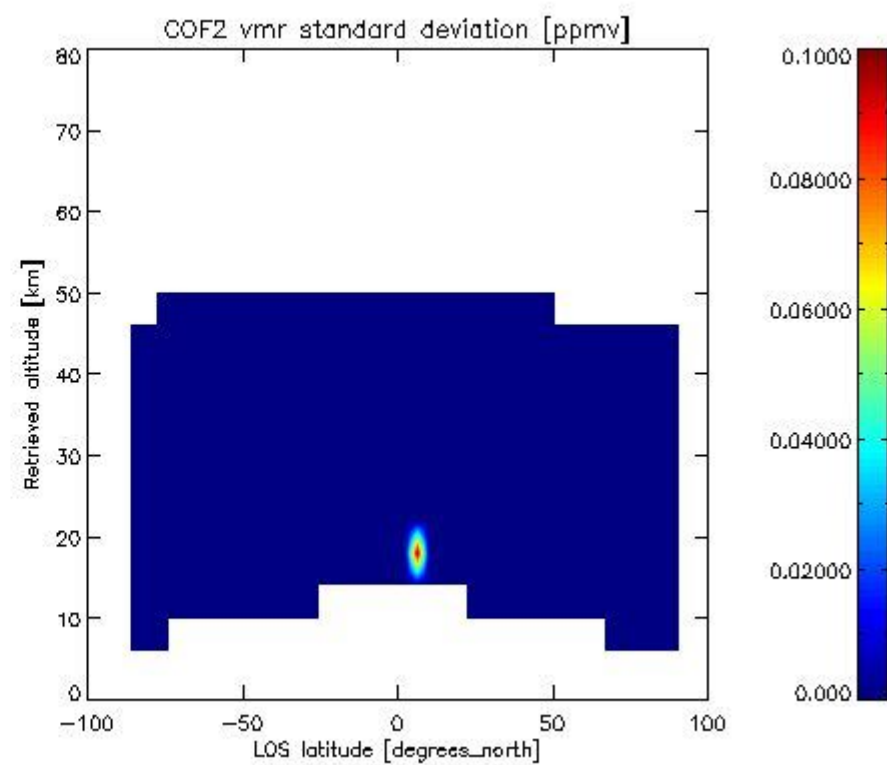
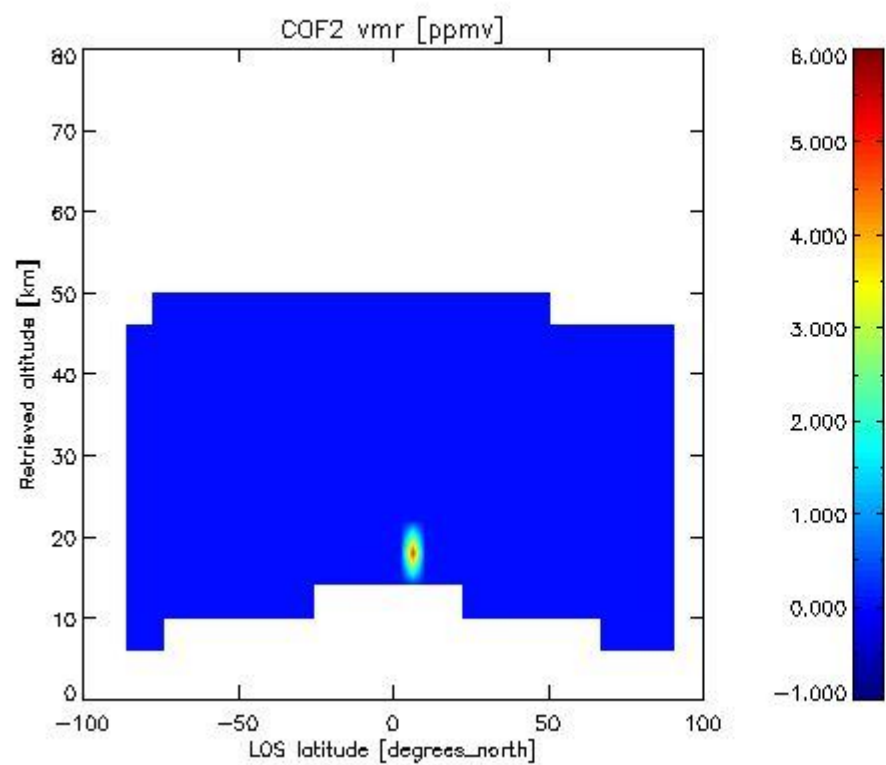
2.2.4.7 F11 overview This section shows values (left) and error (right) for F11 after binning individual sweep values over retrieved altitude and tangent latitude.

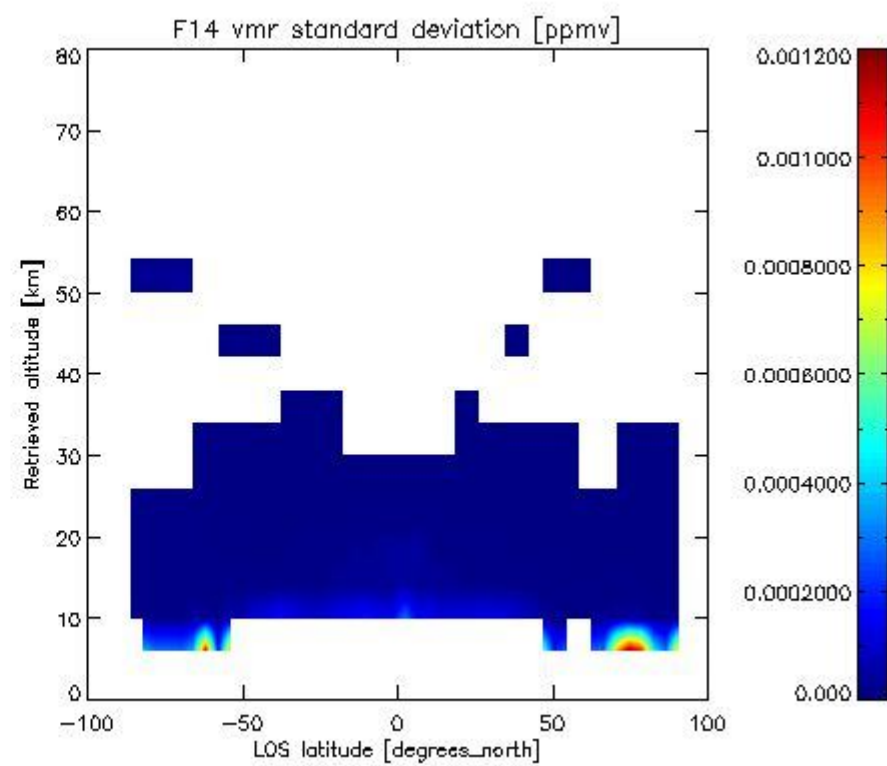
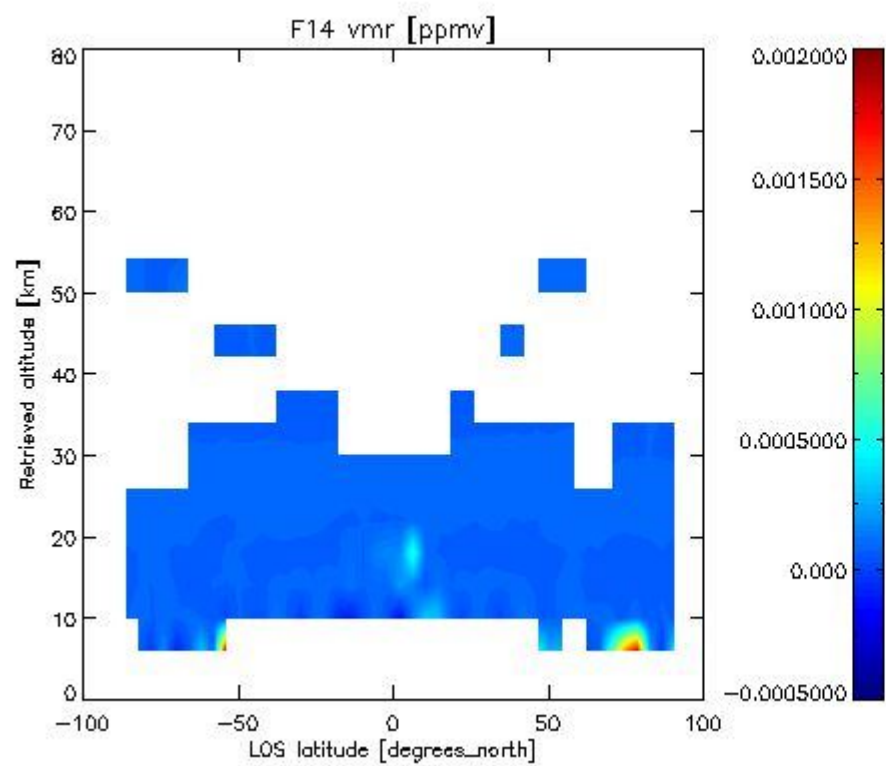
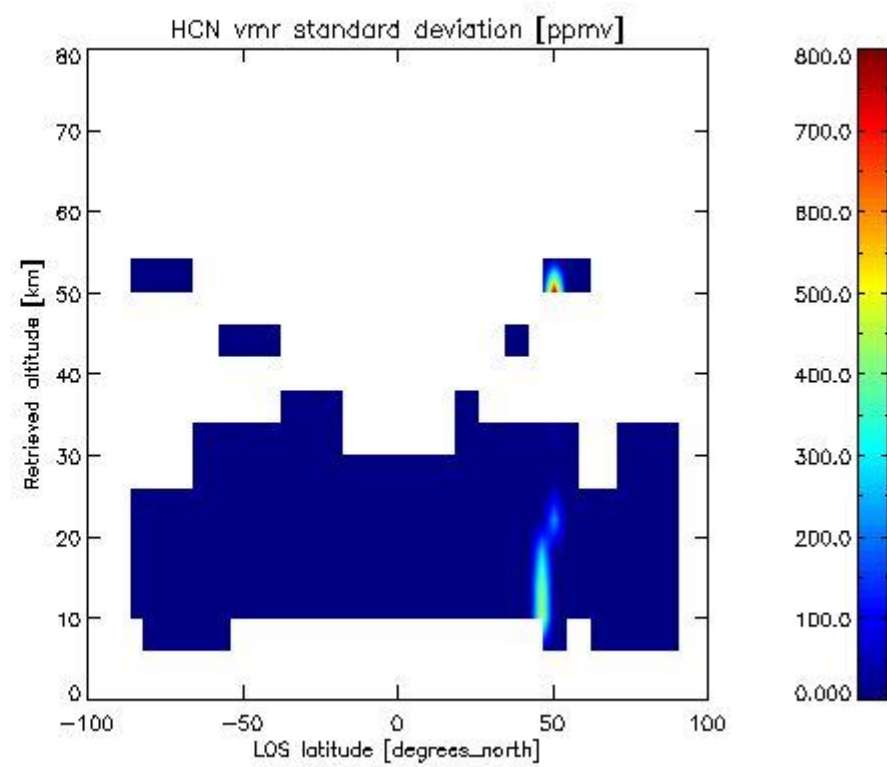
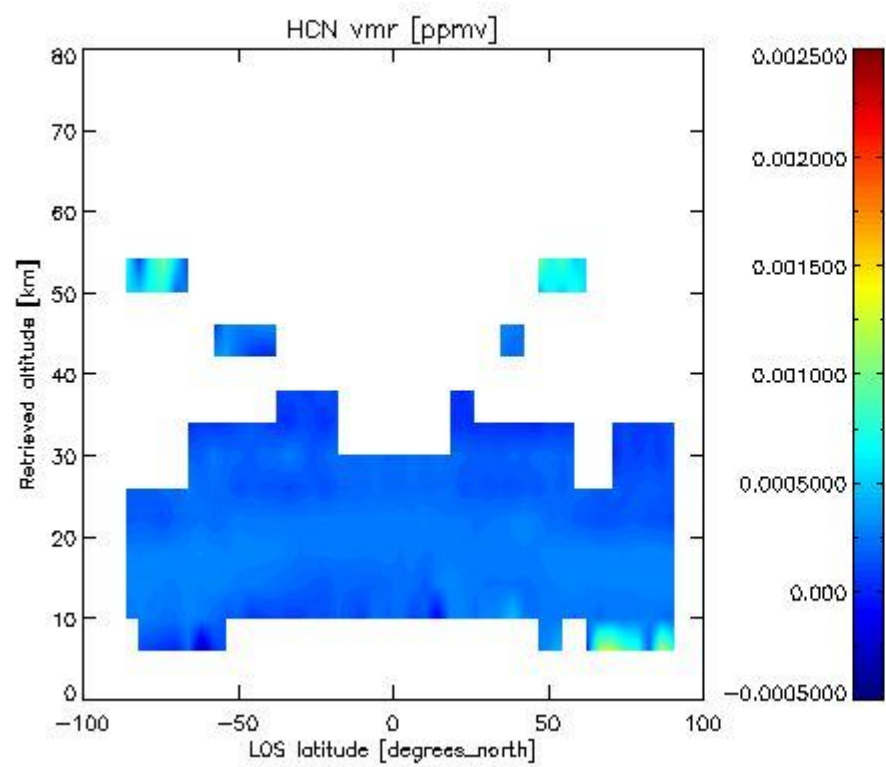


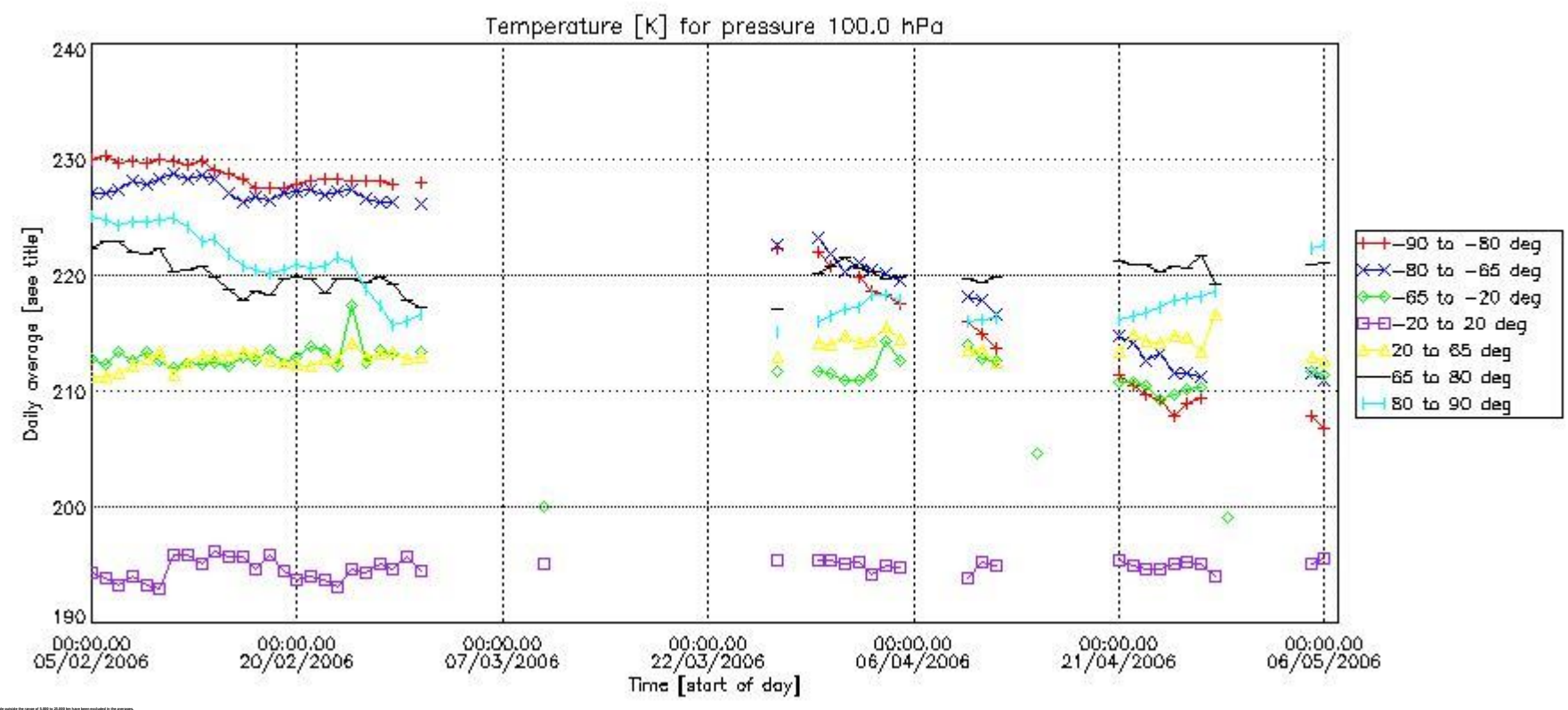
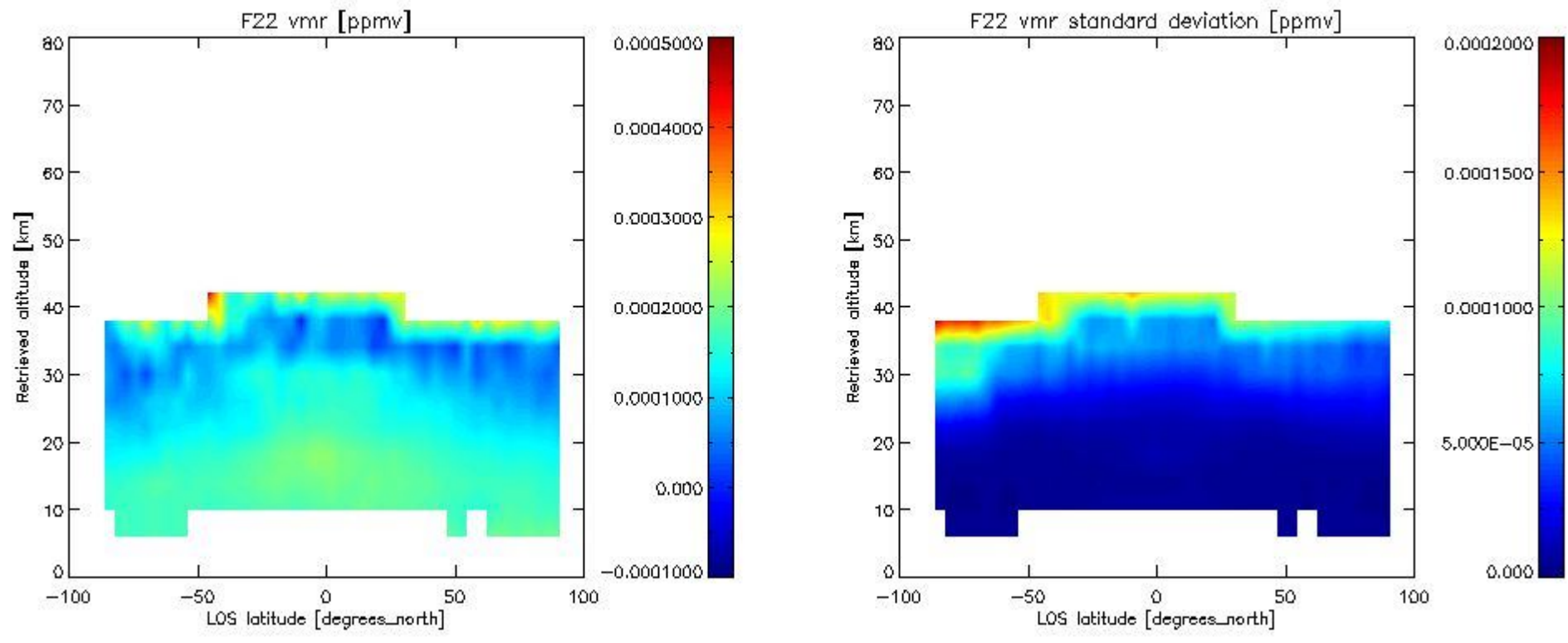
2.3.4 CLNO overview This section shows values (left) and error (right) for CLNO after binning individual sweep values over retrieved altitude and target latitude.

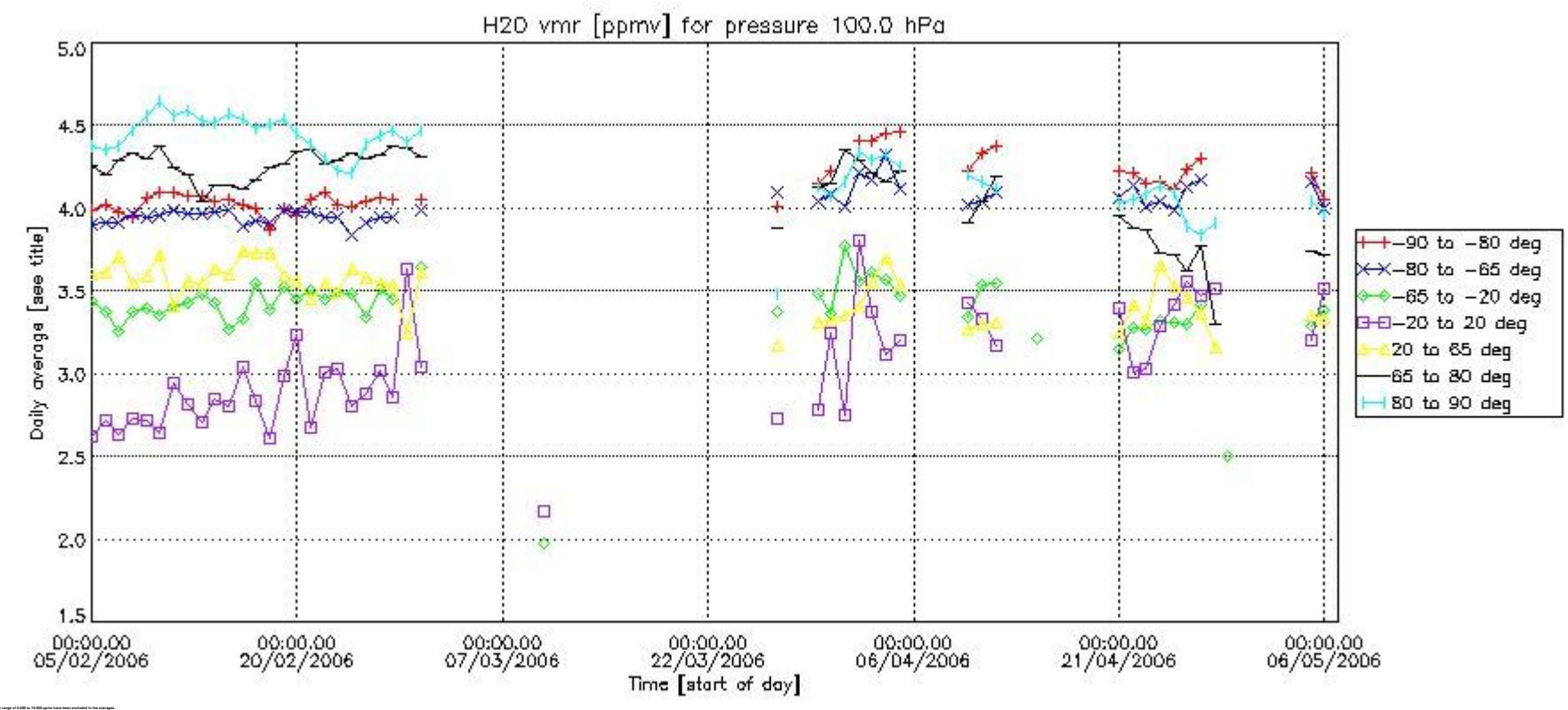
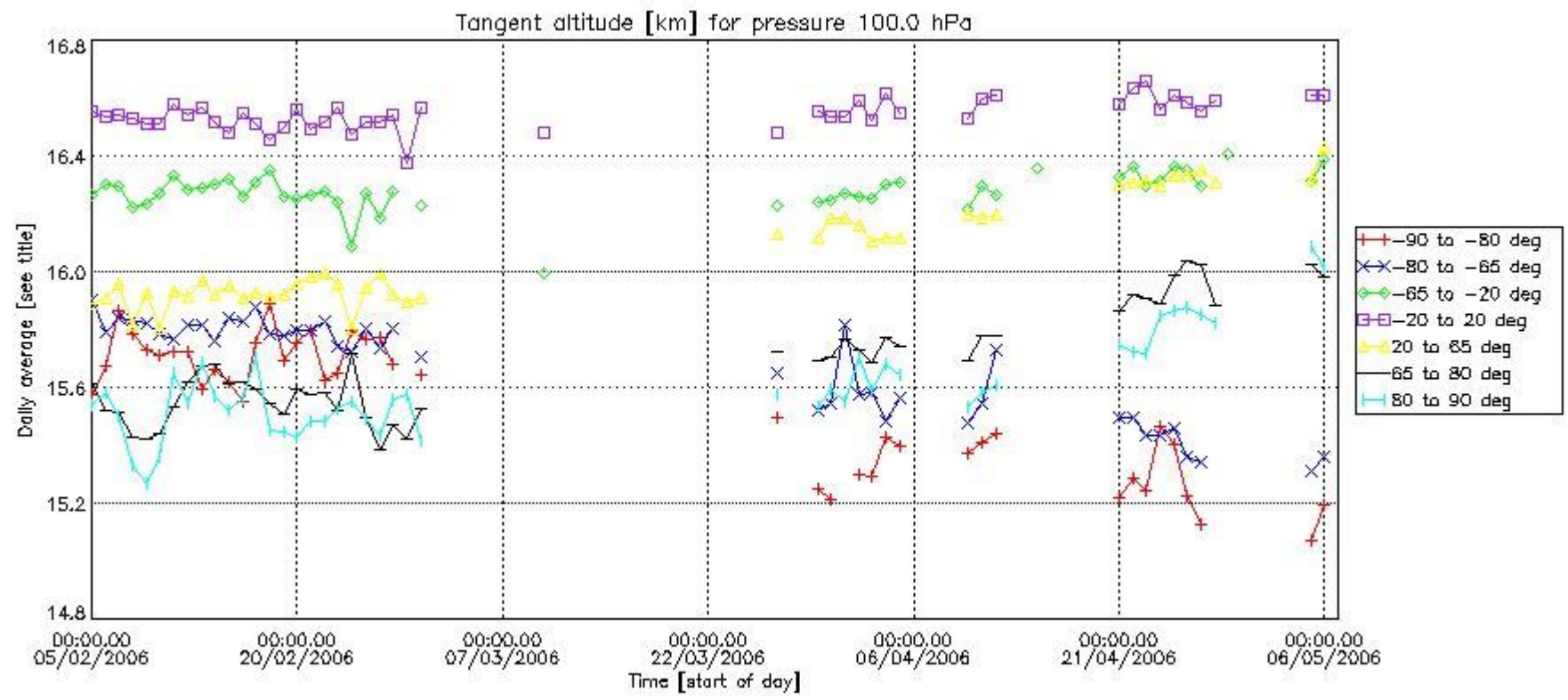


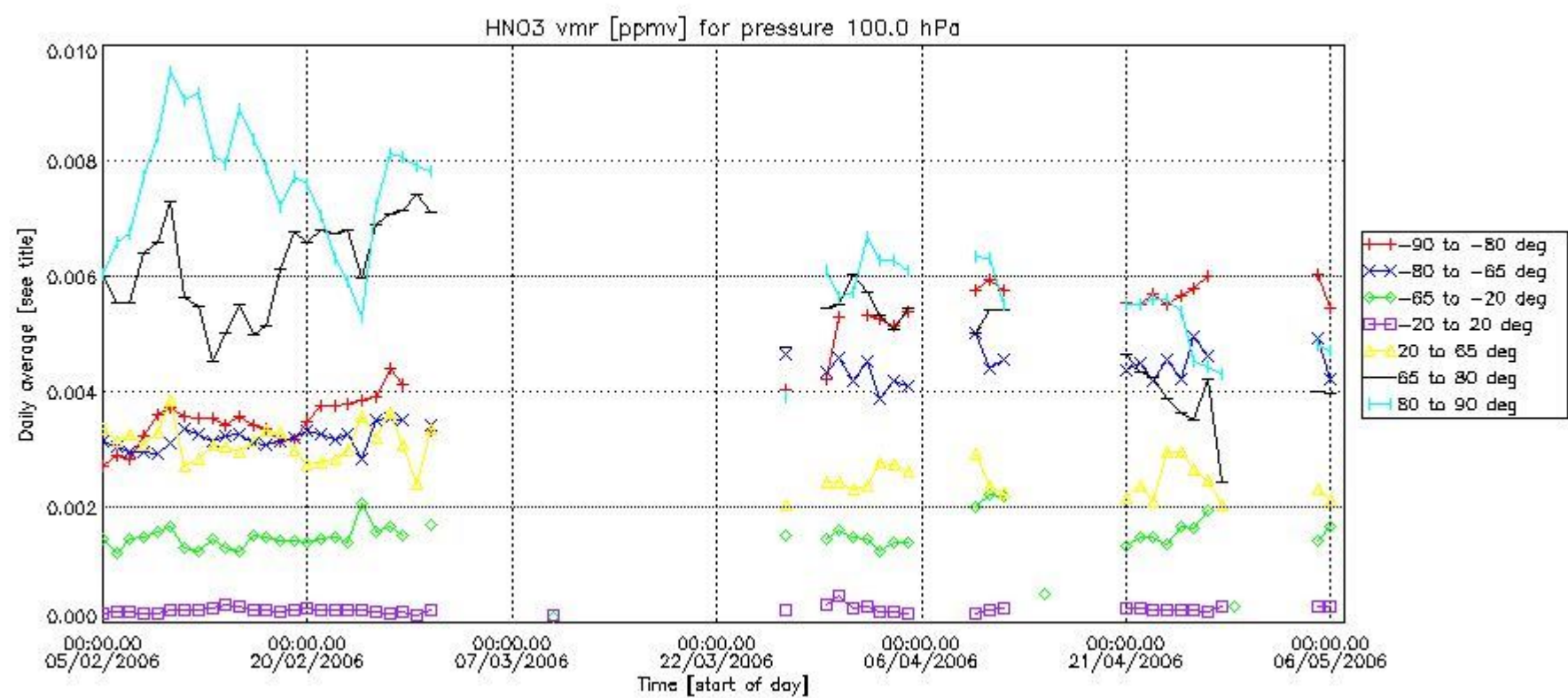
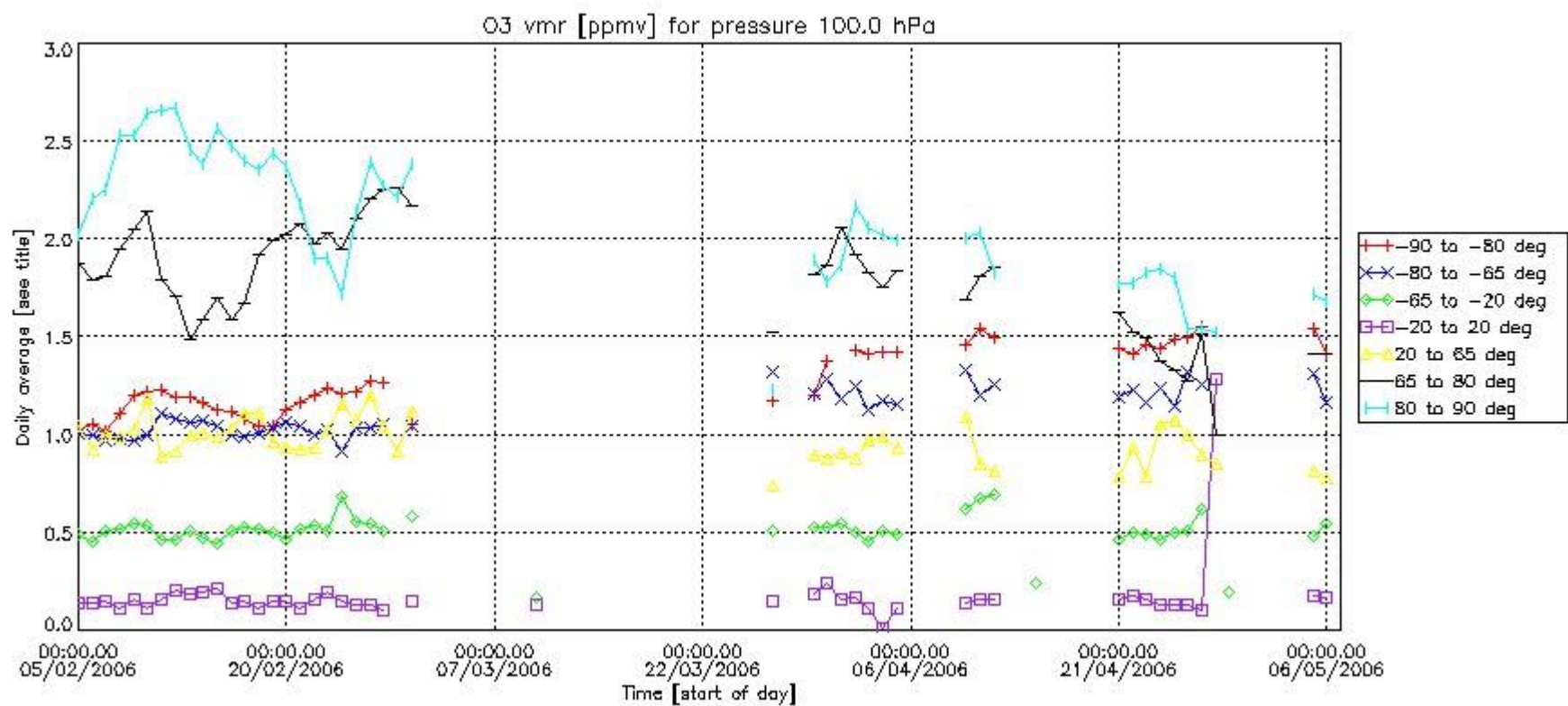


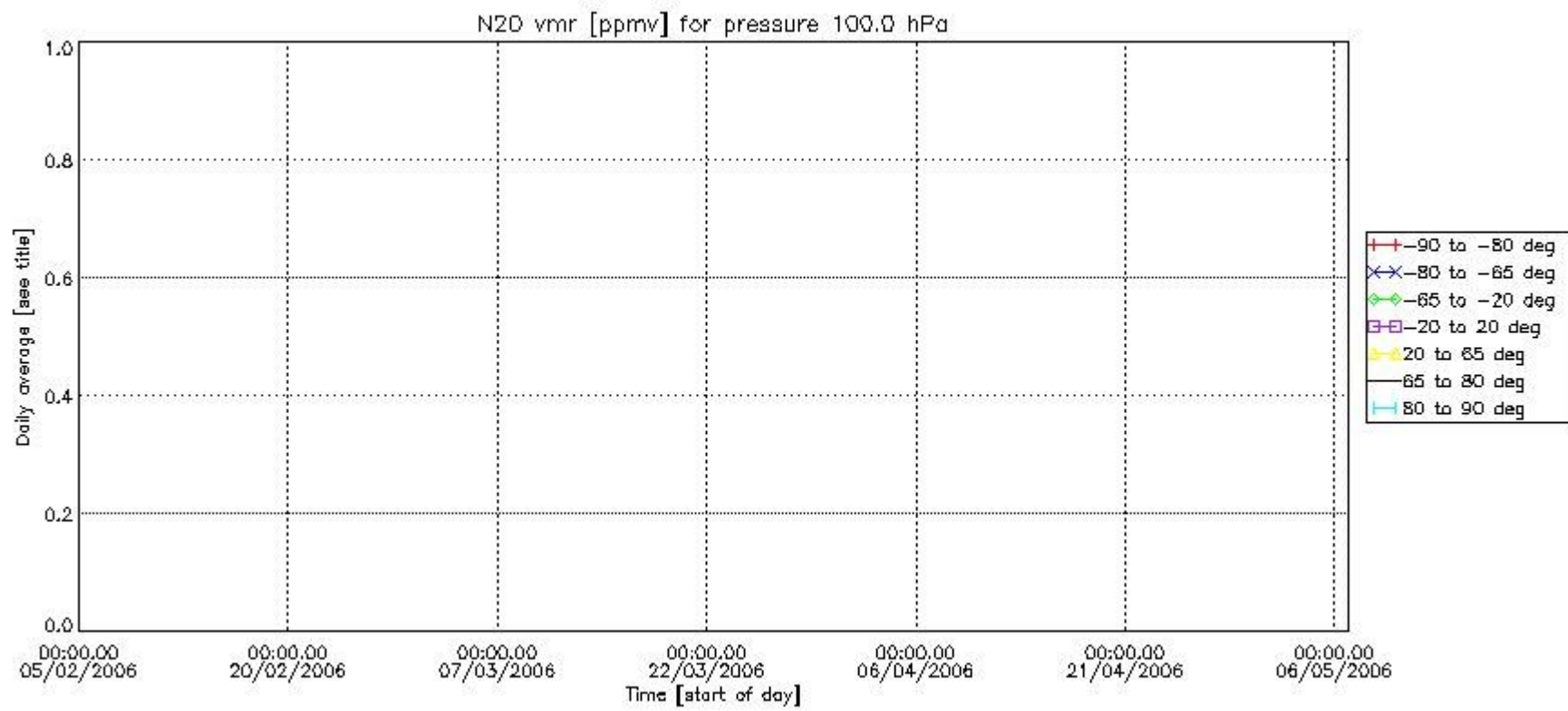
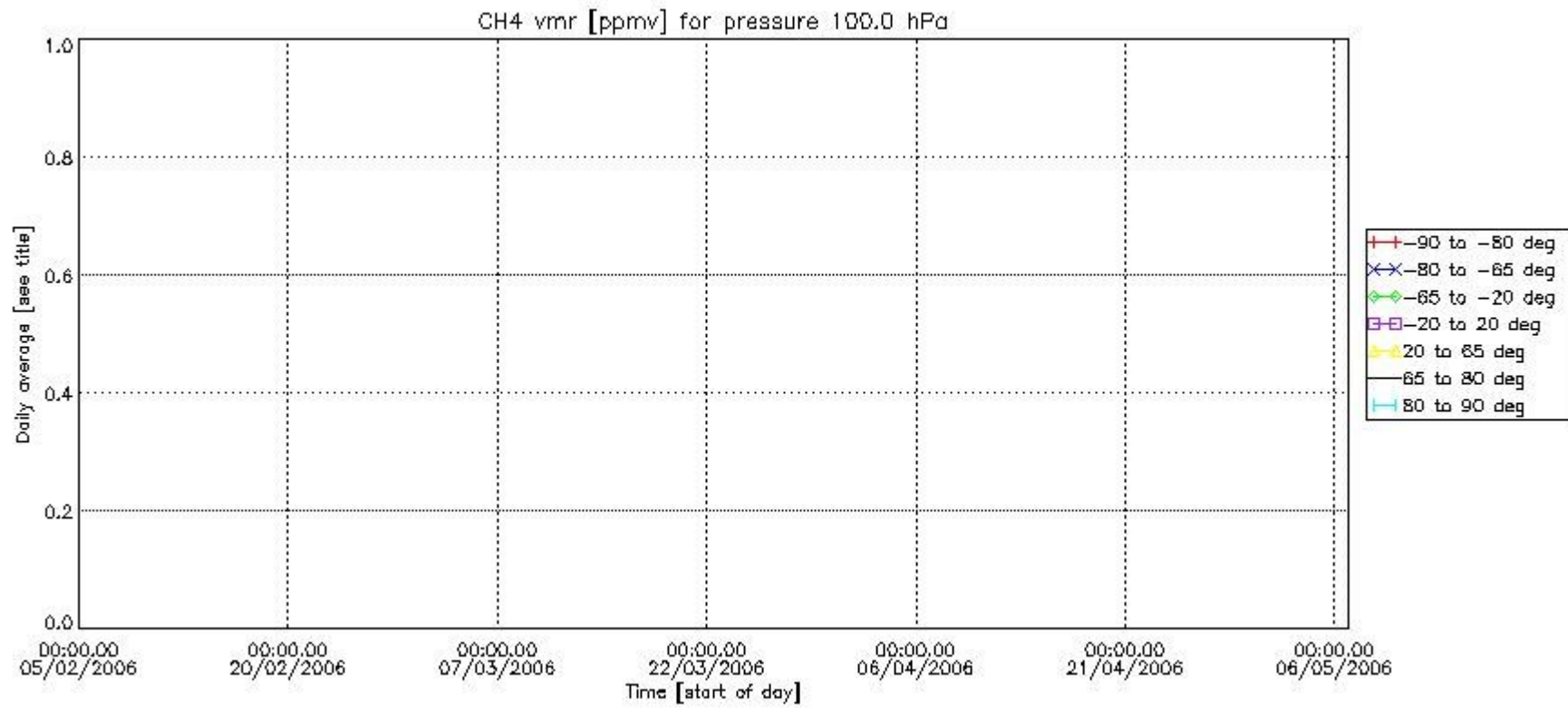


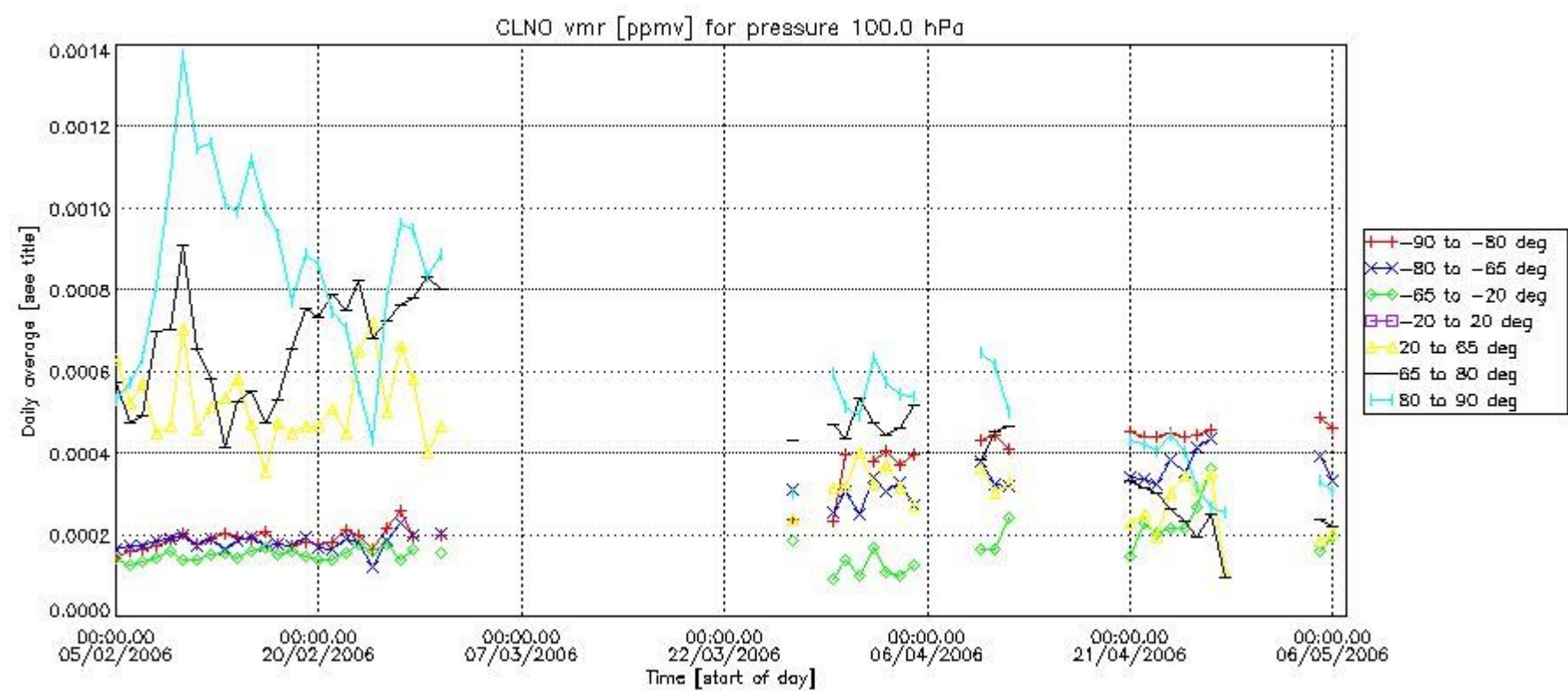
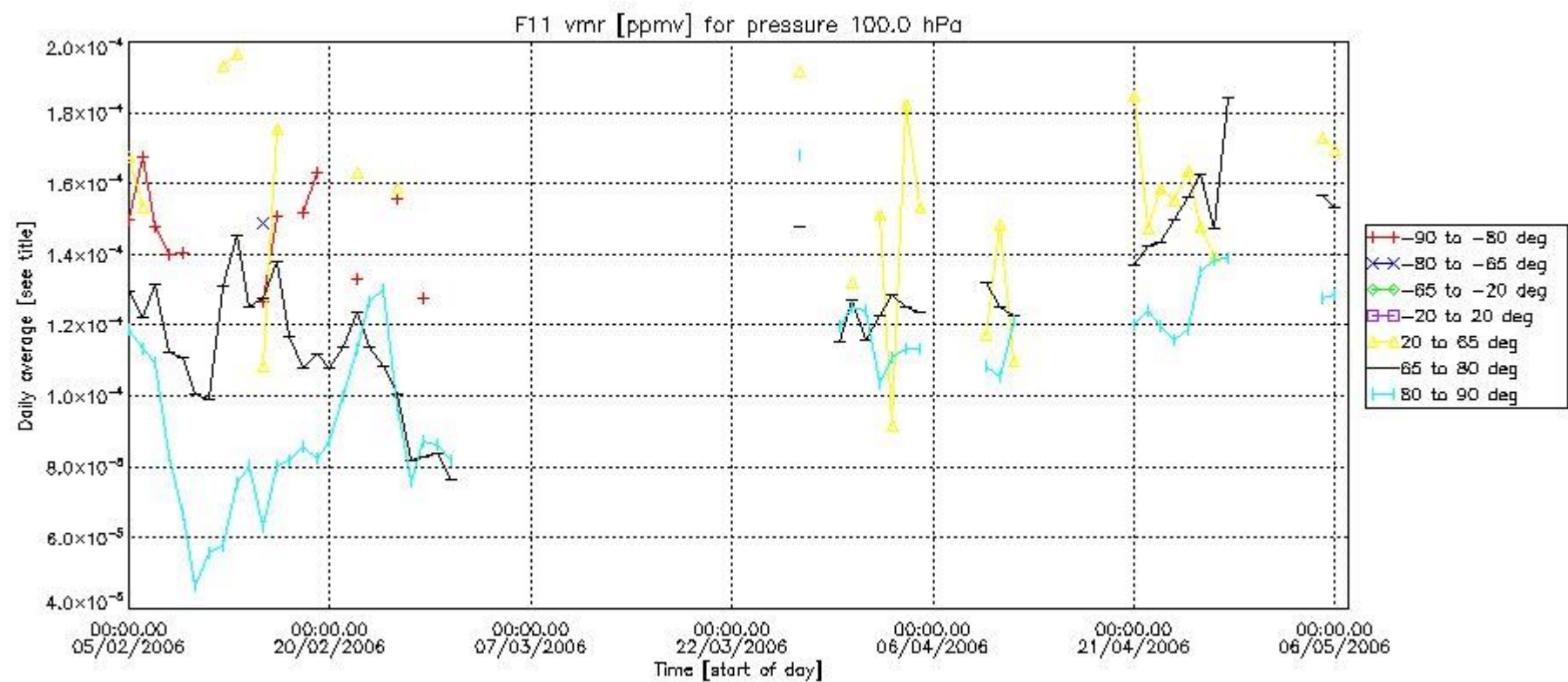


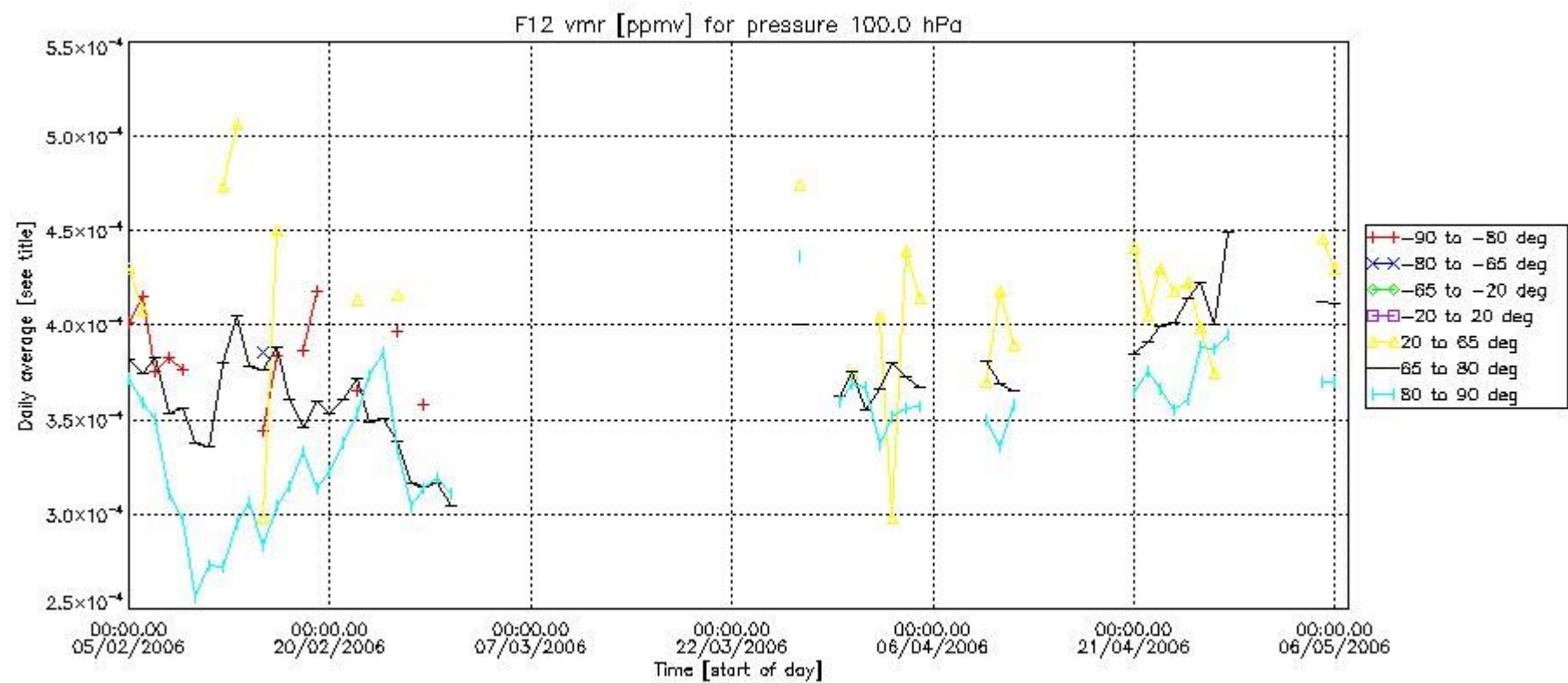
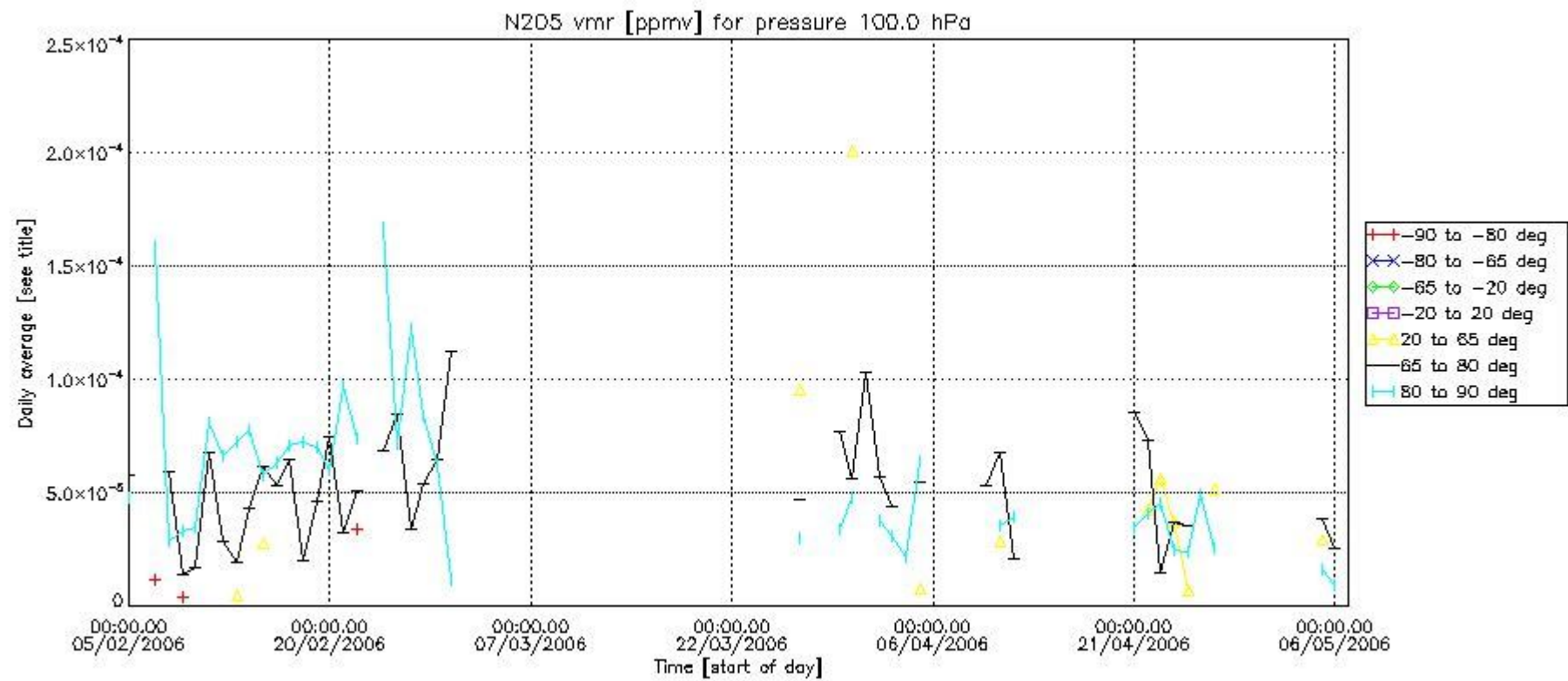


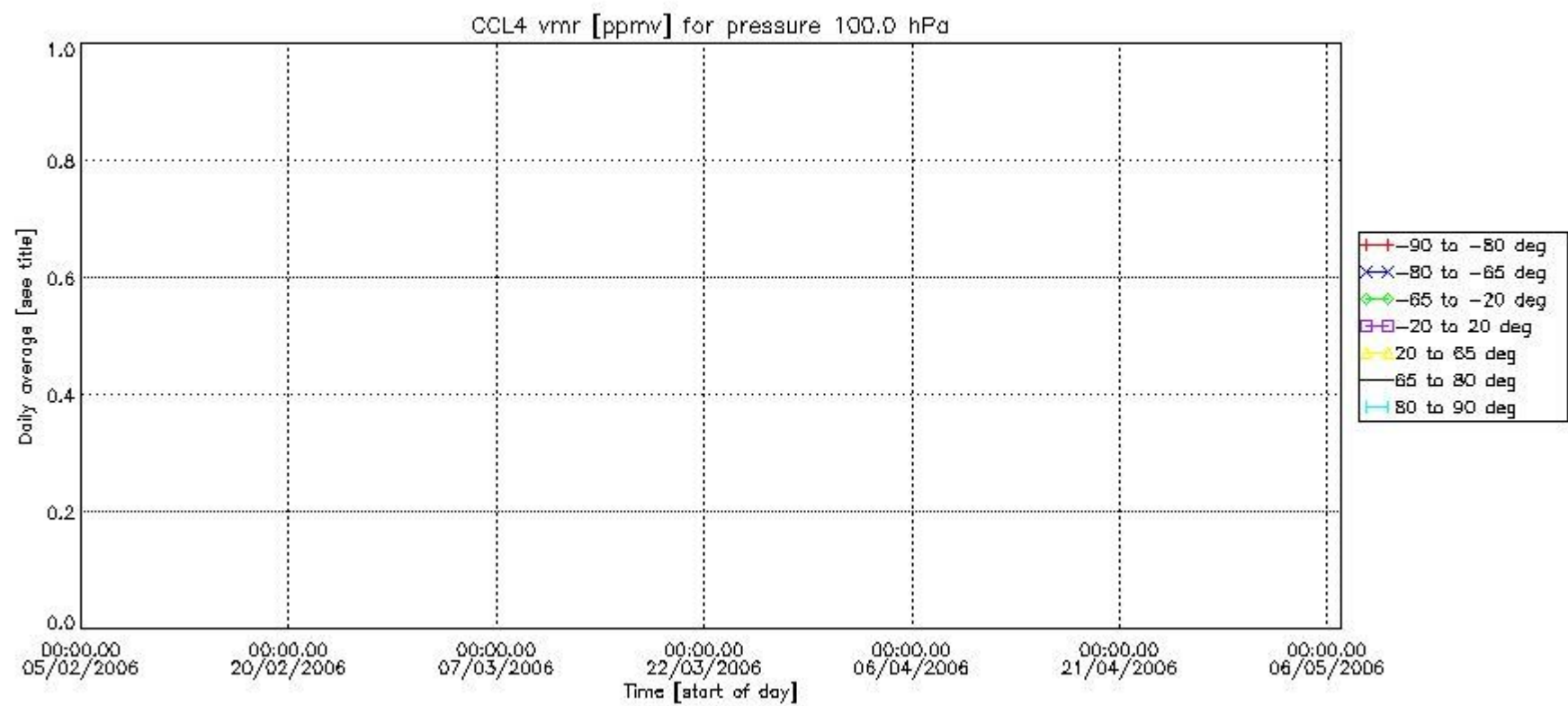
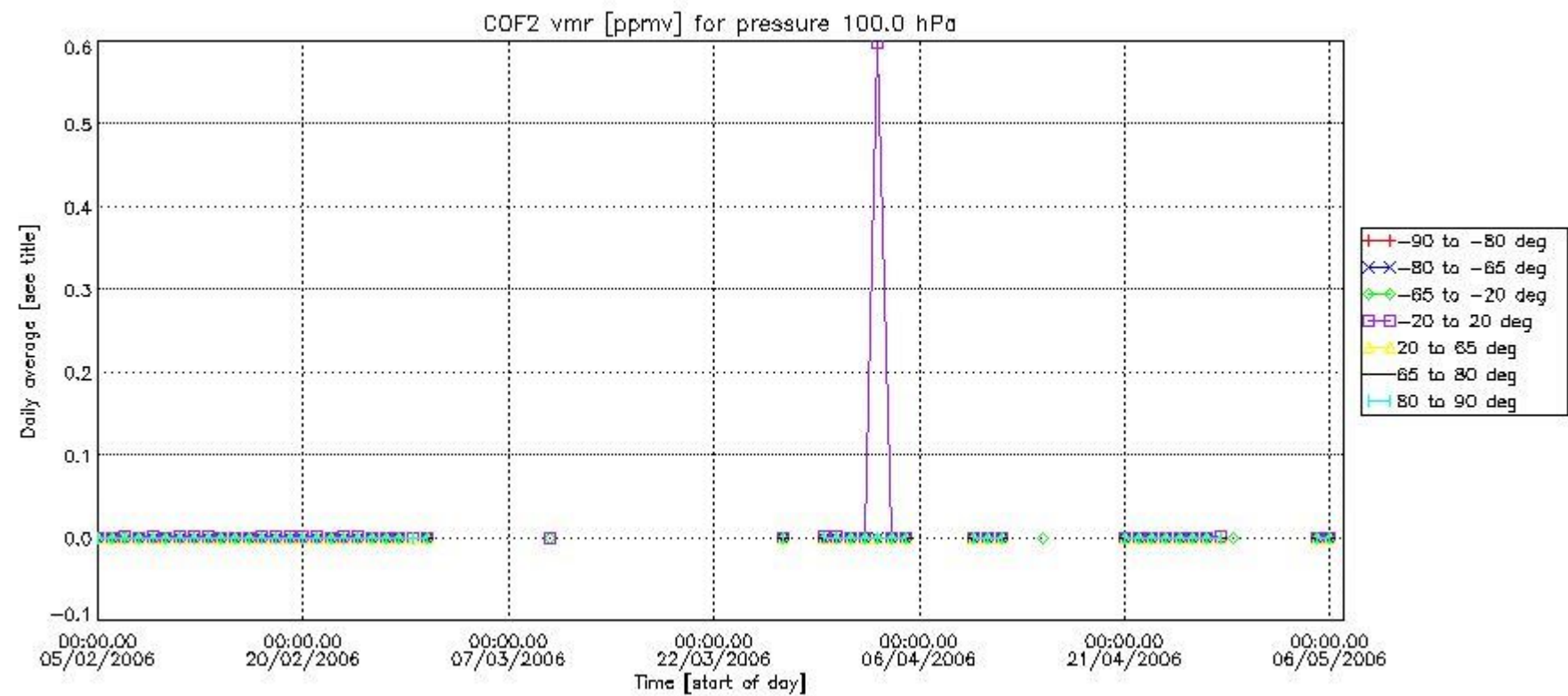


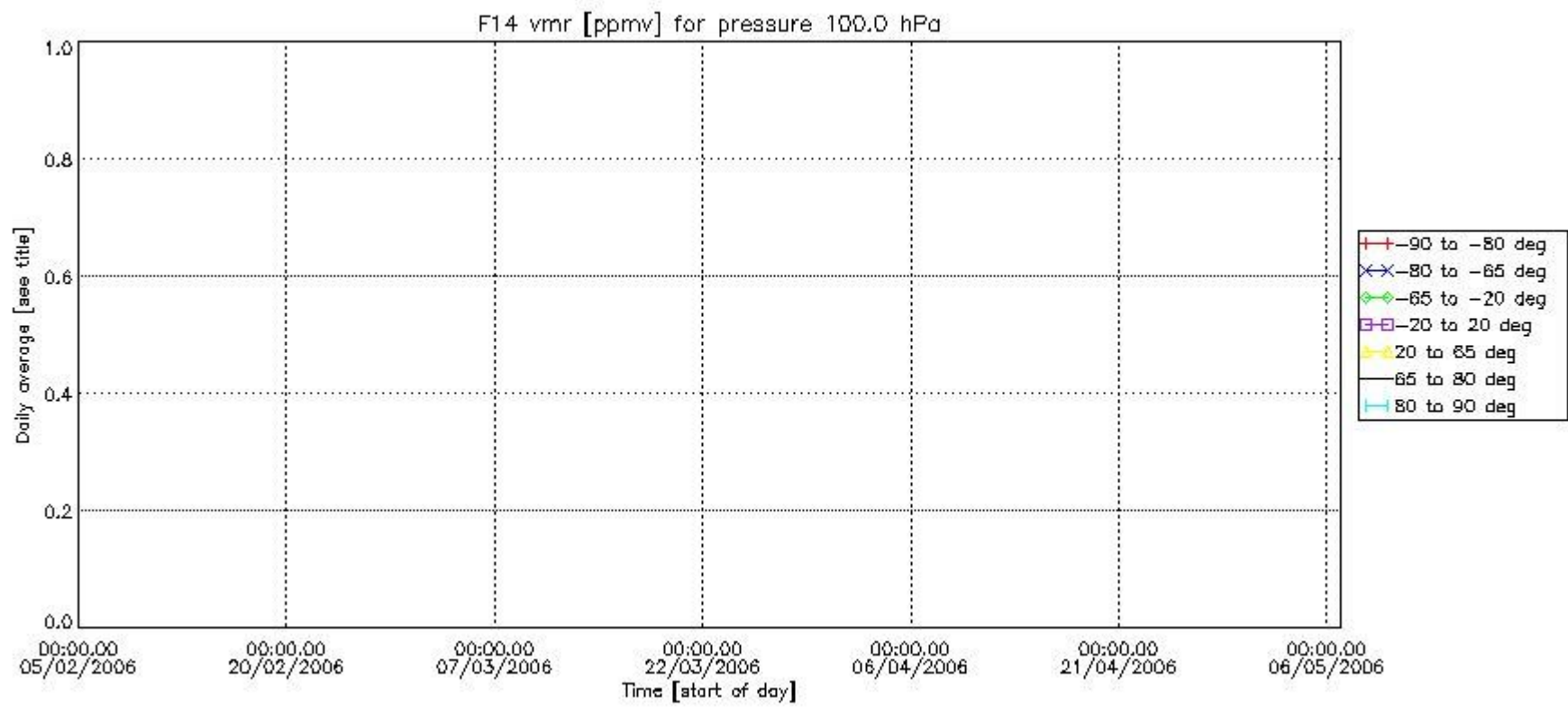
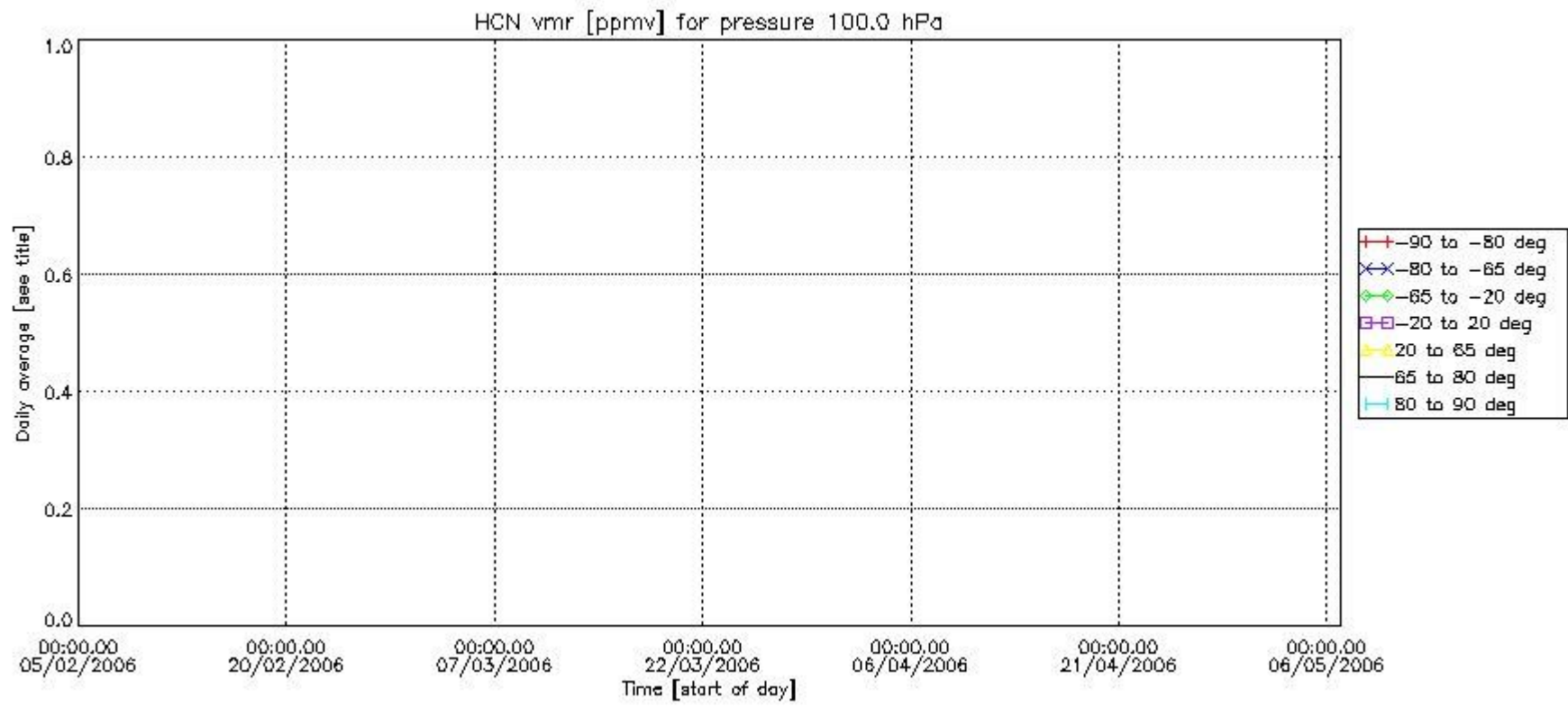


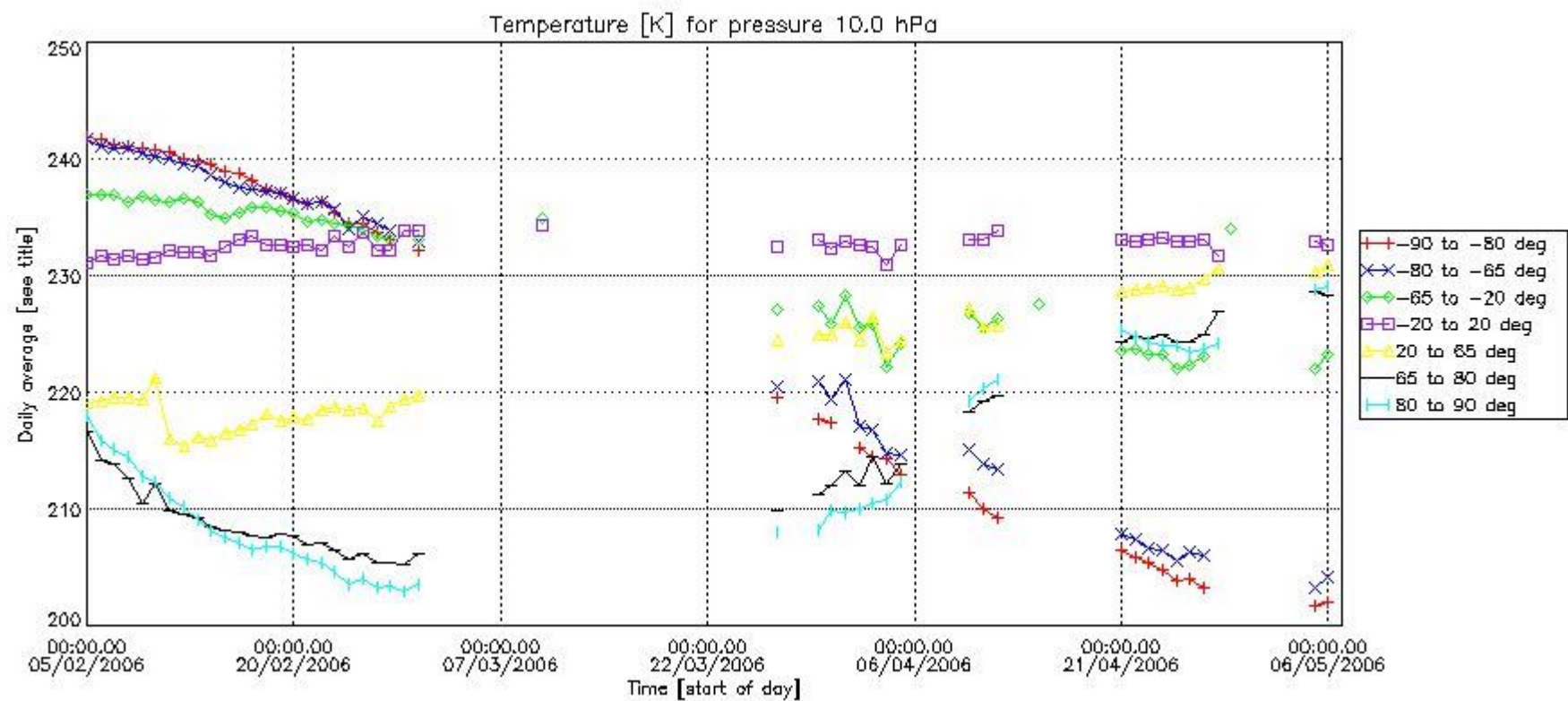
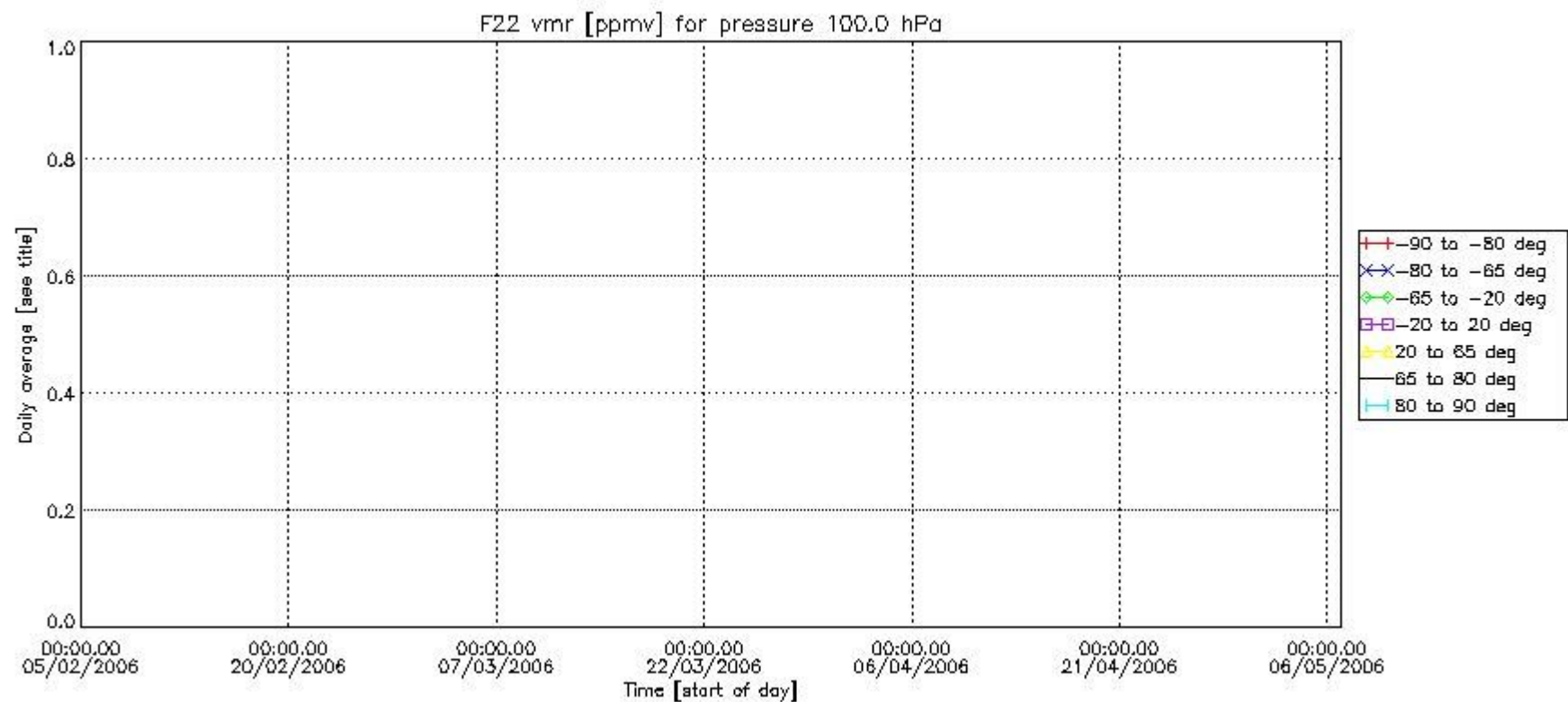


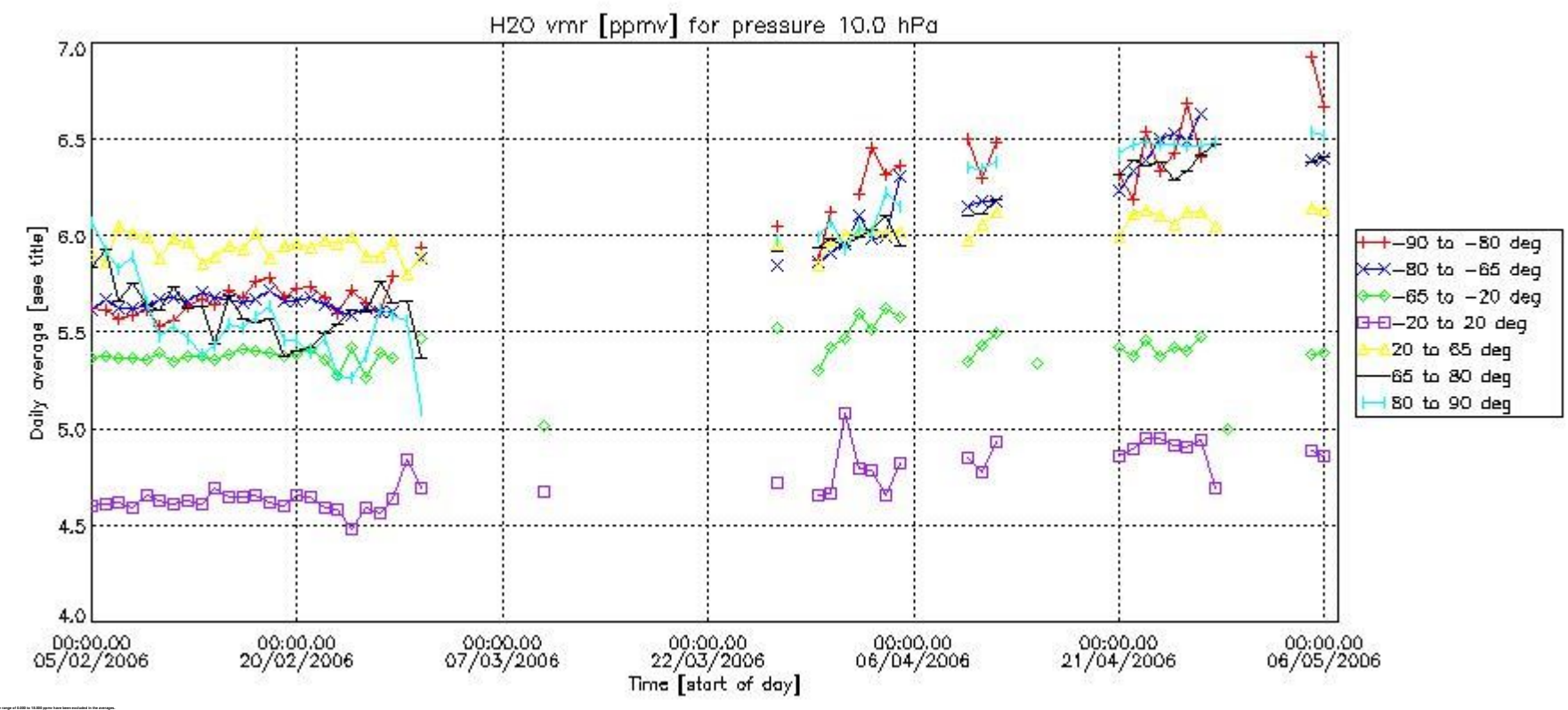
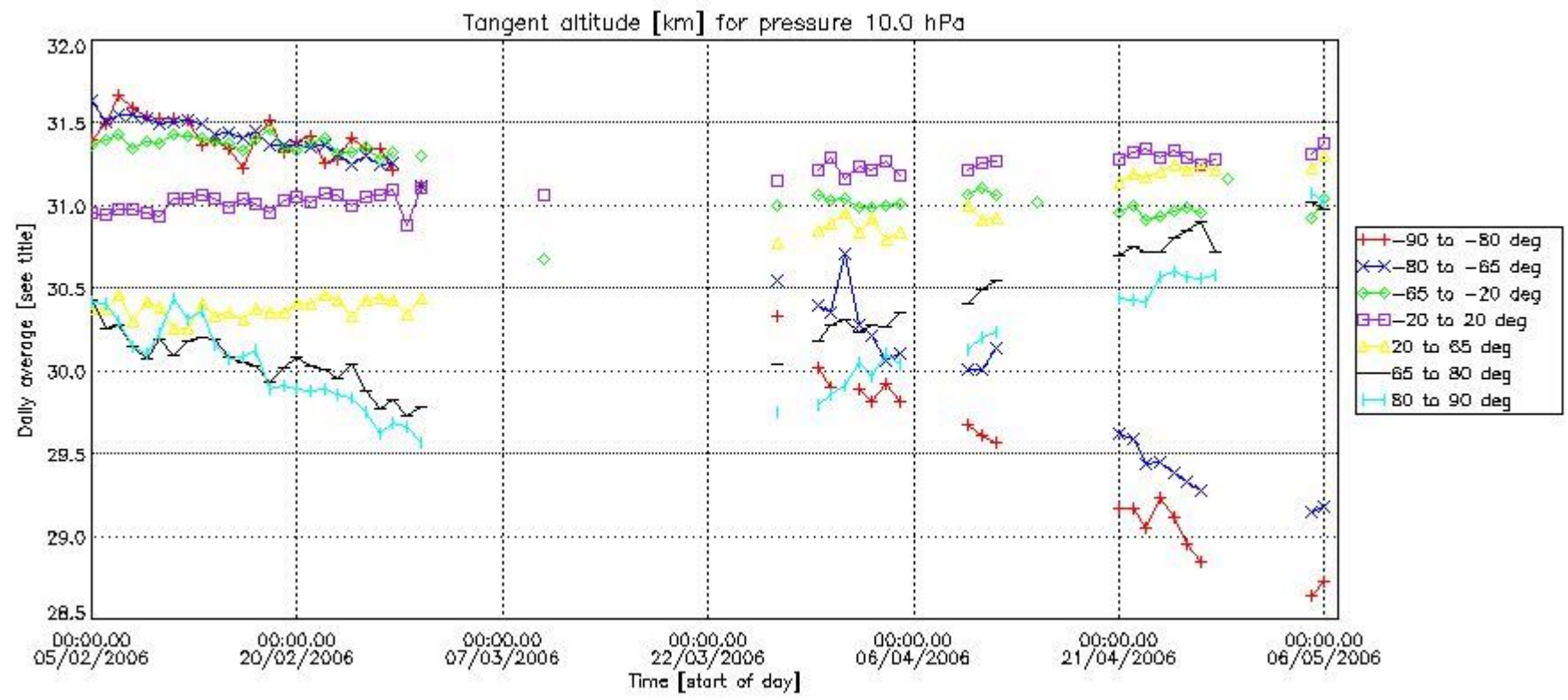


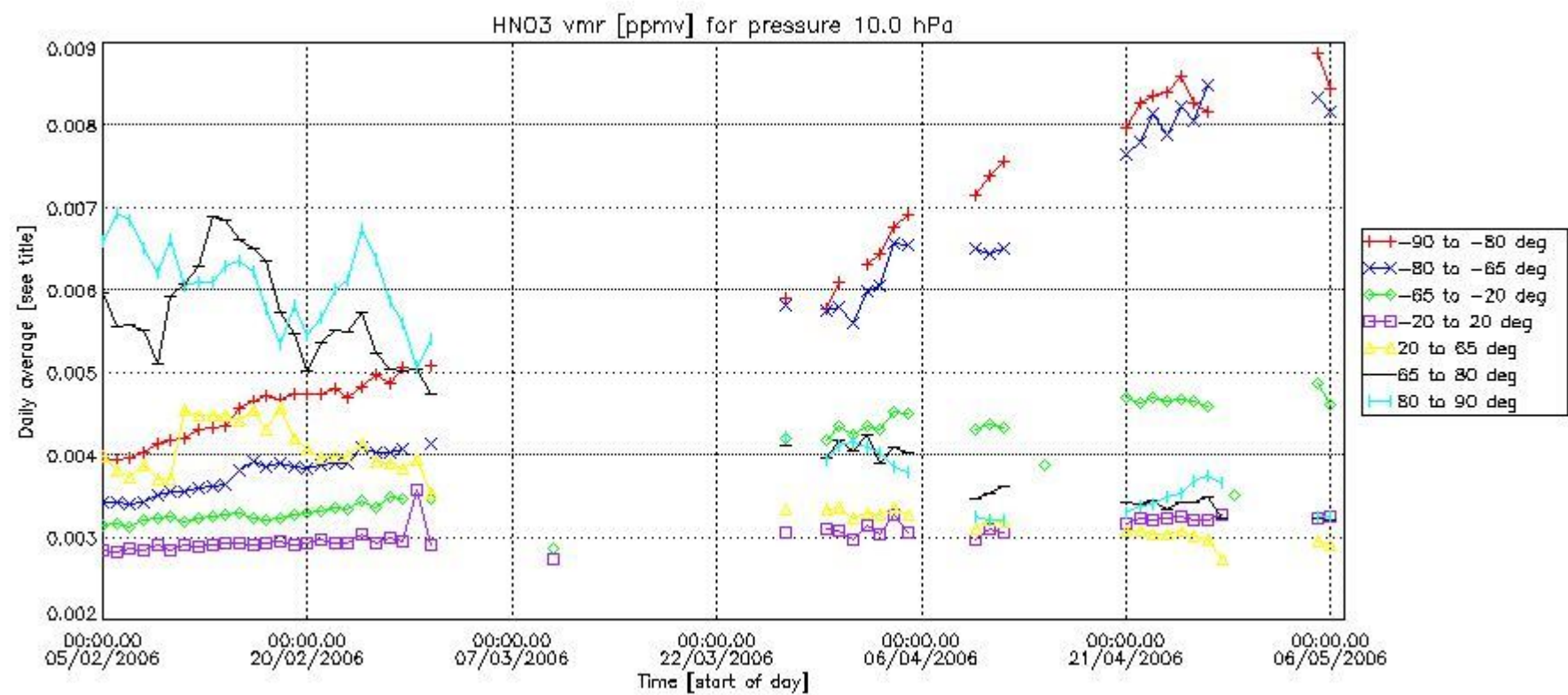
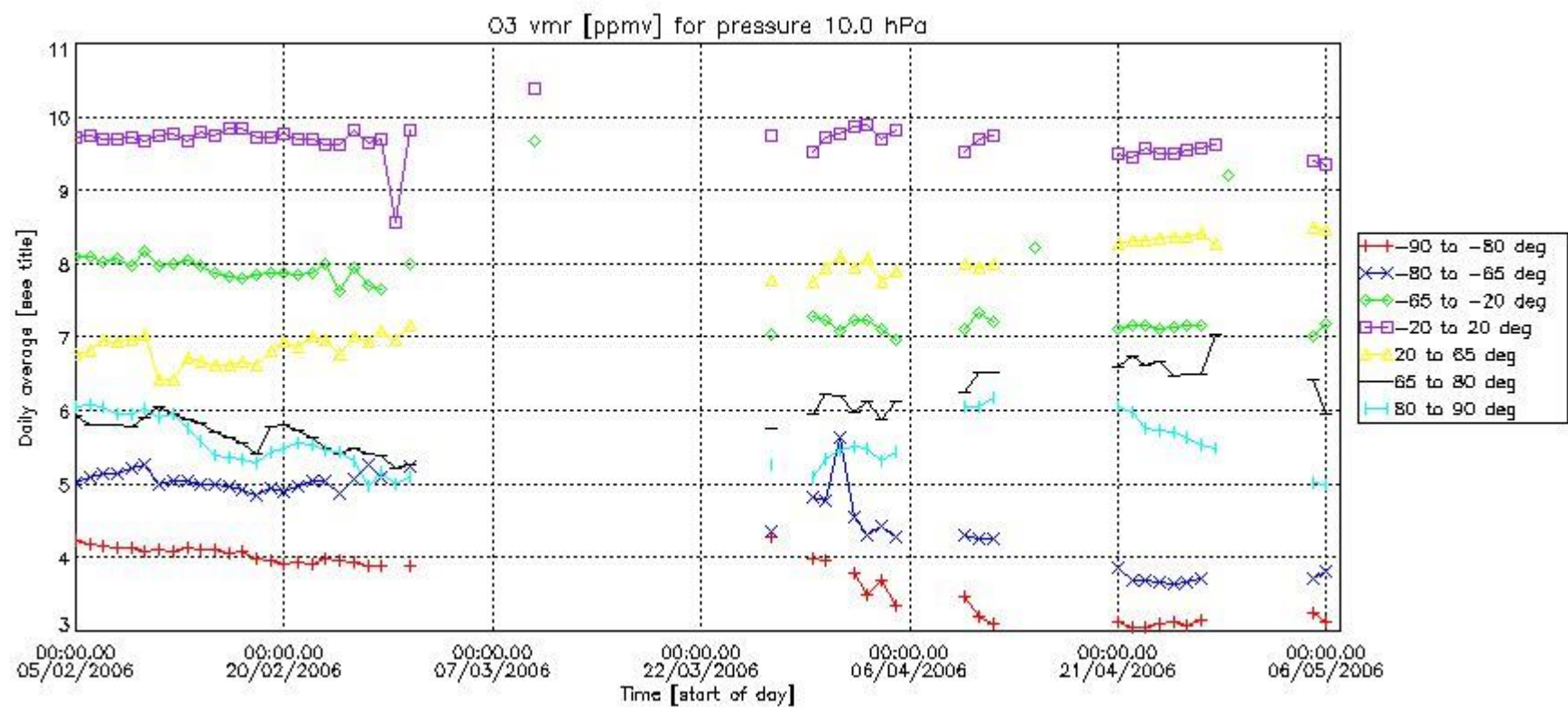


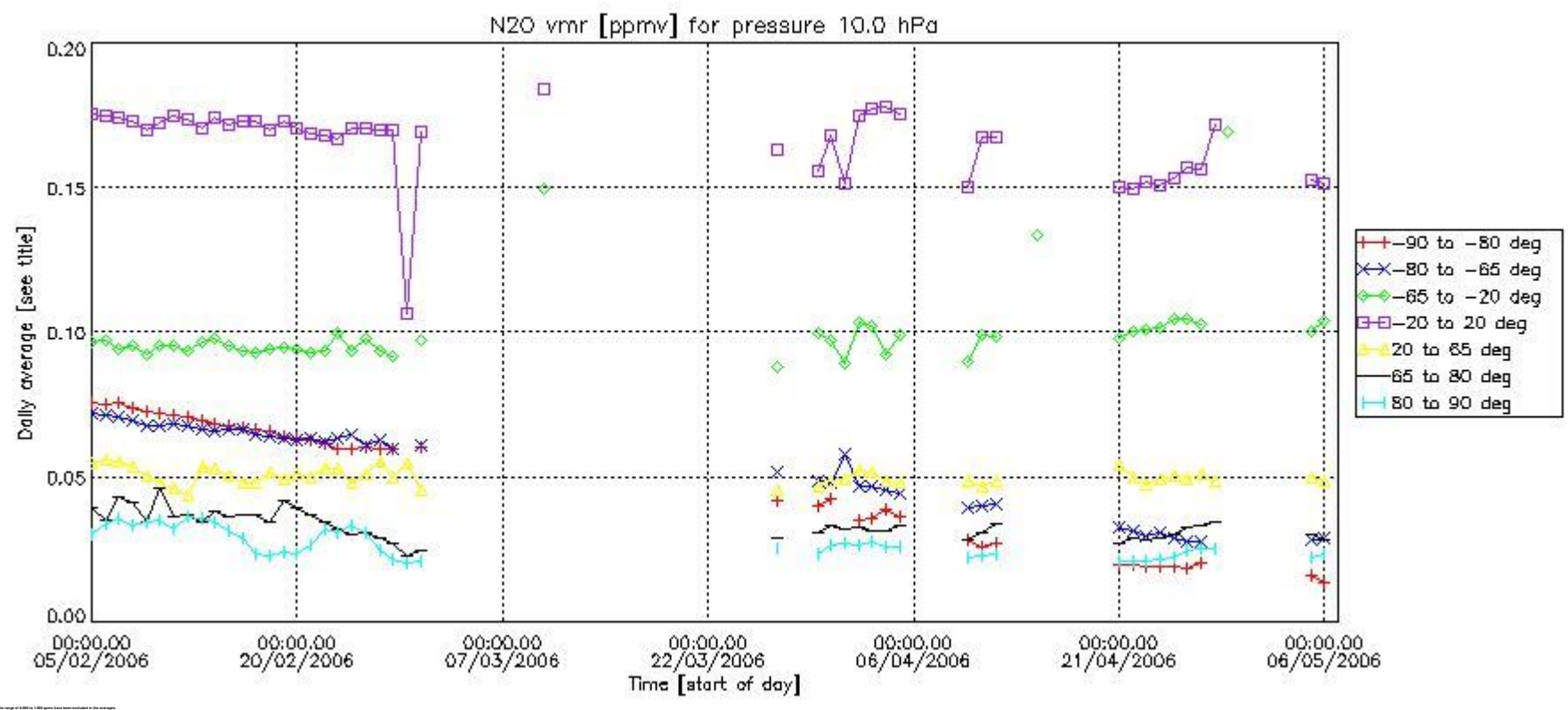
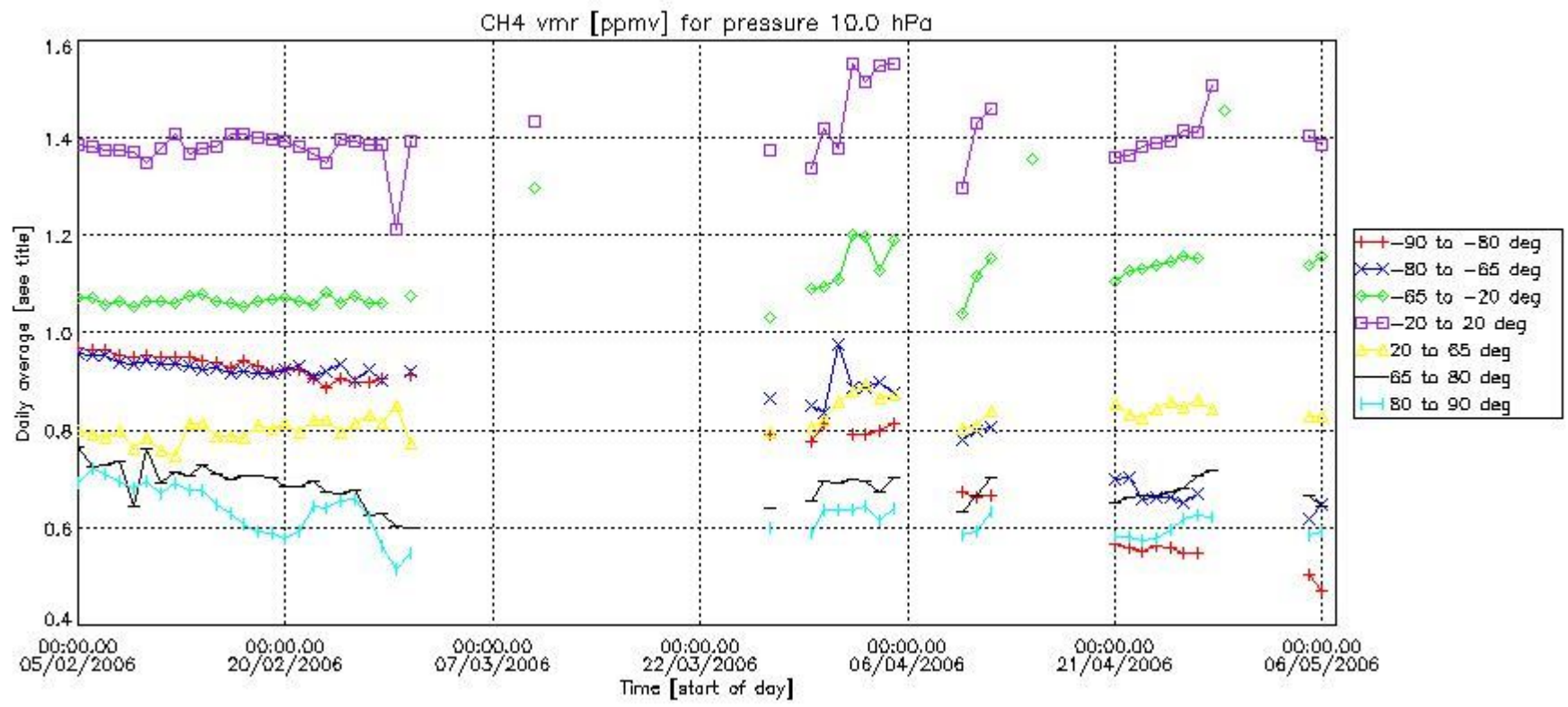


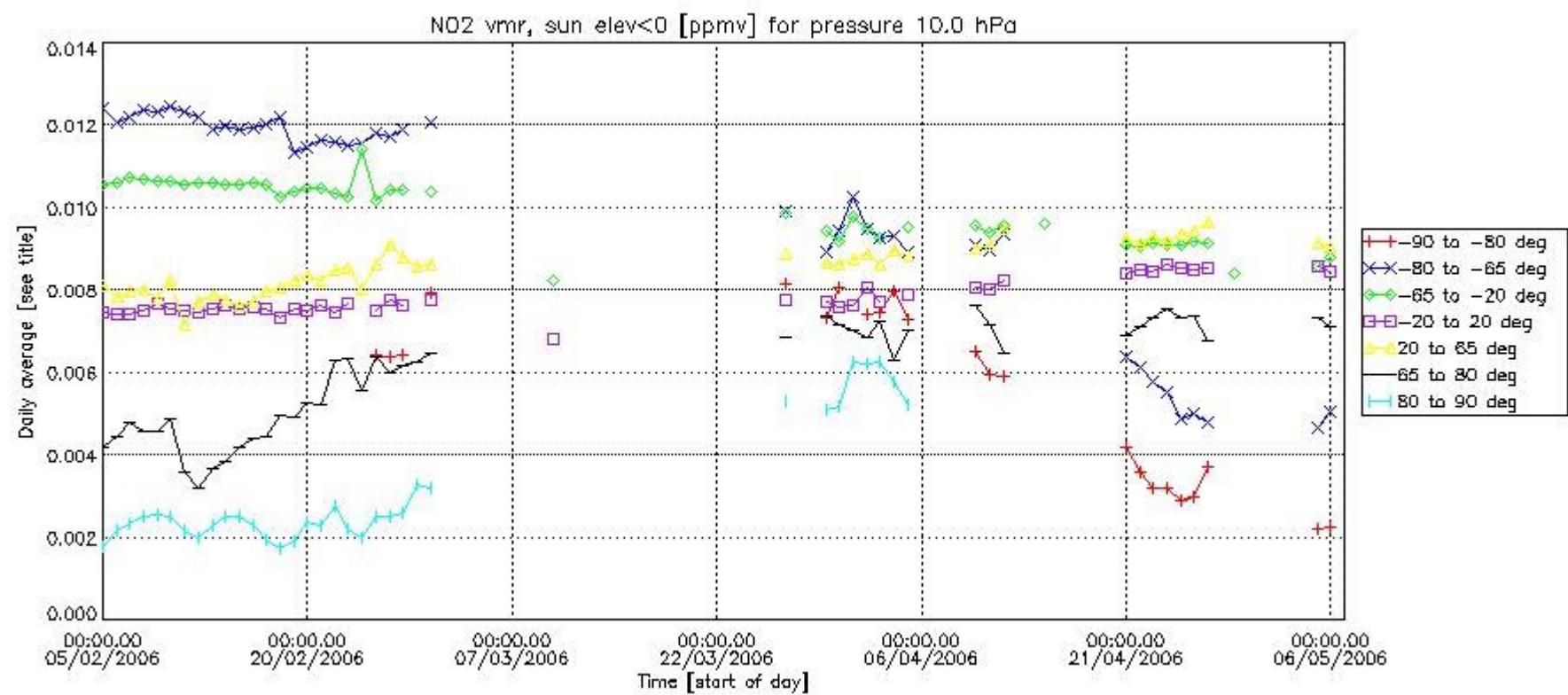
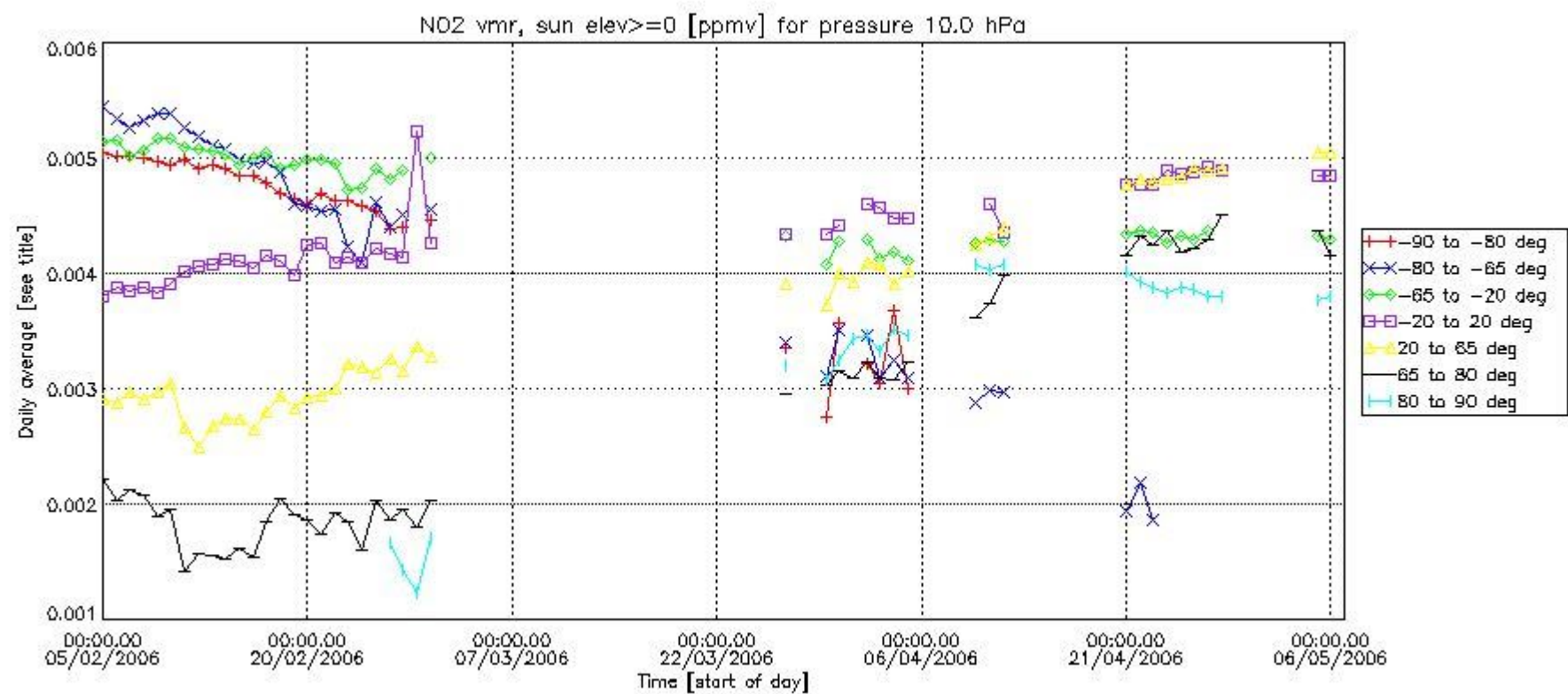


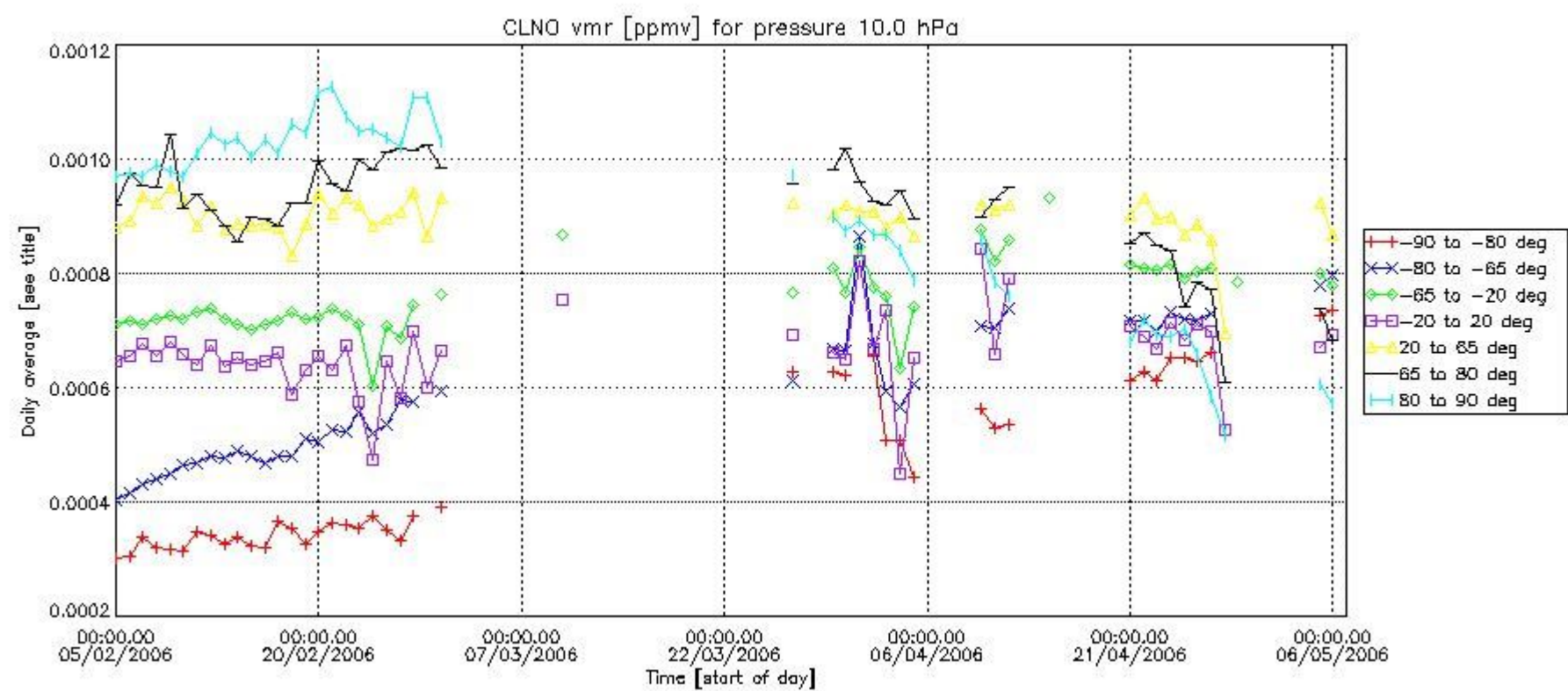
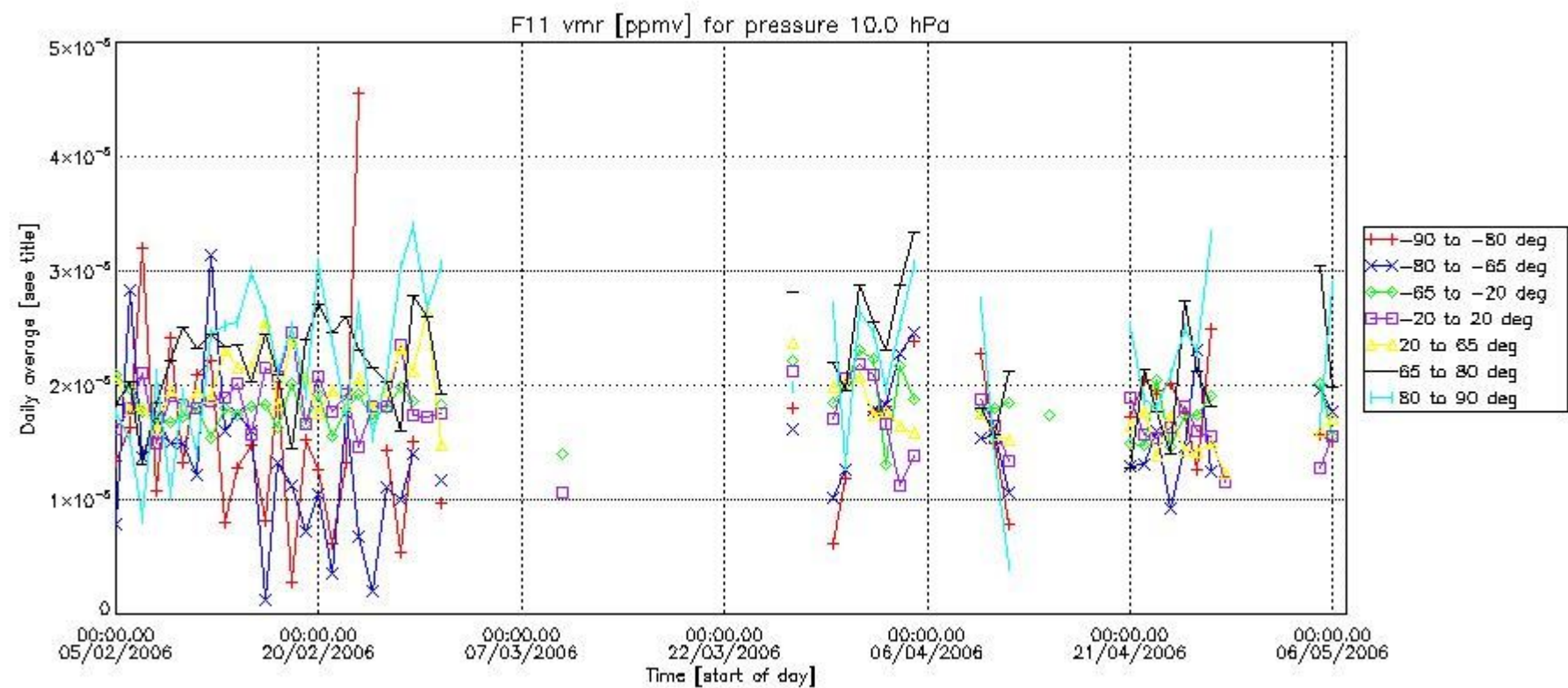


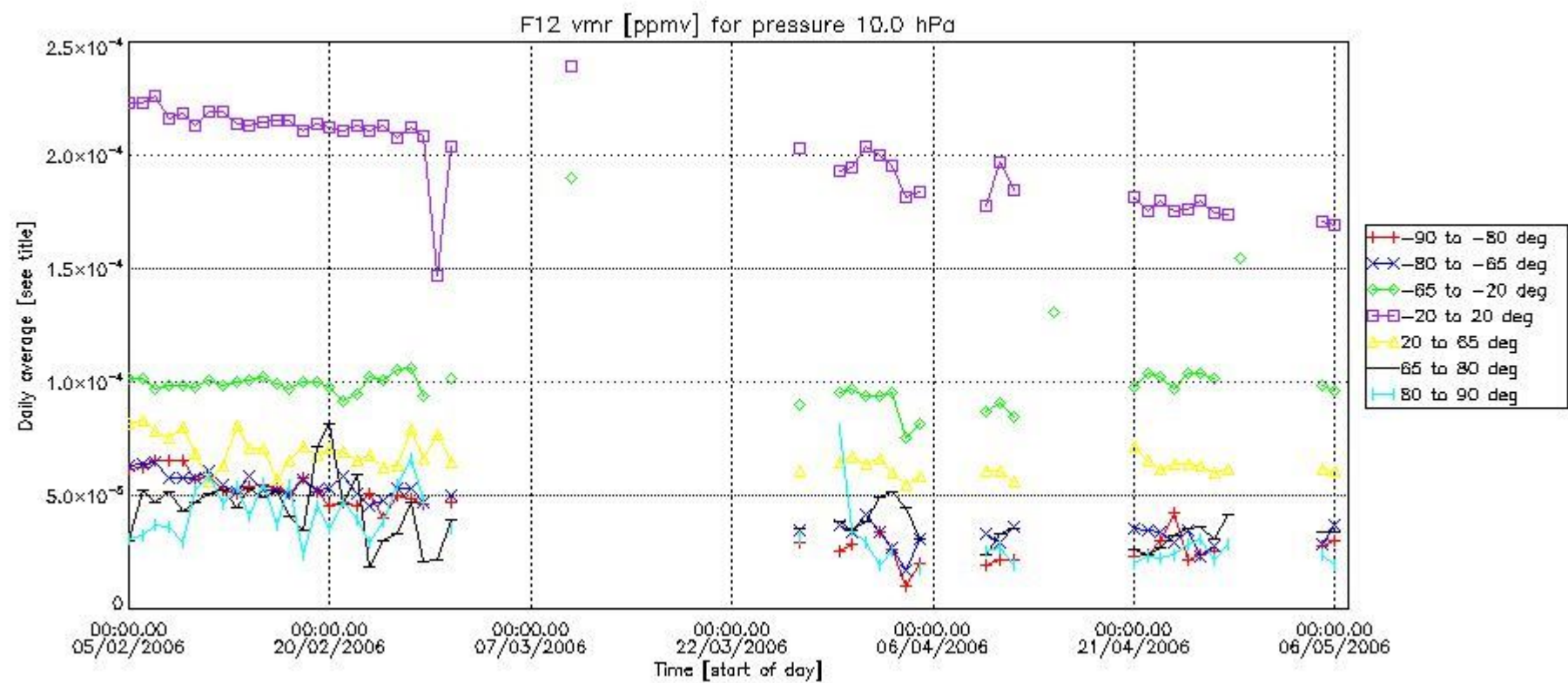
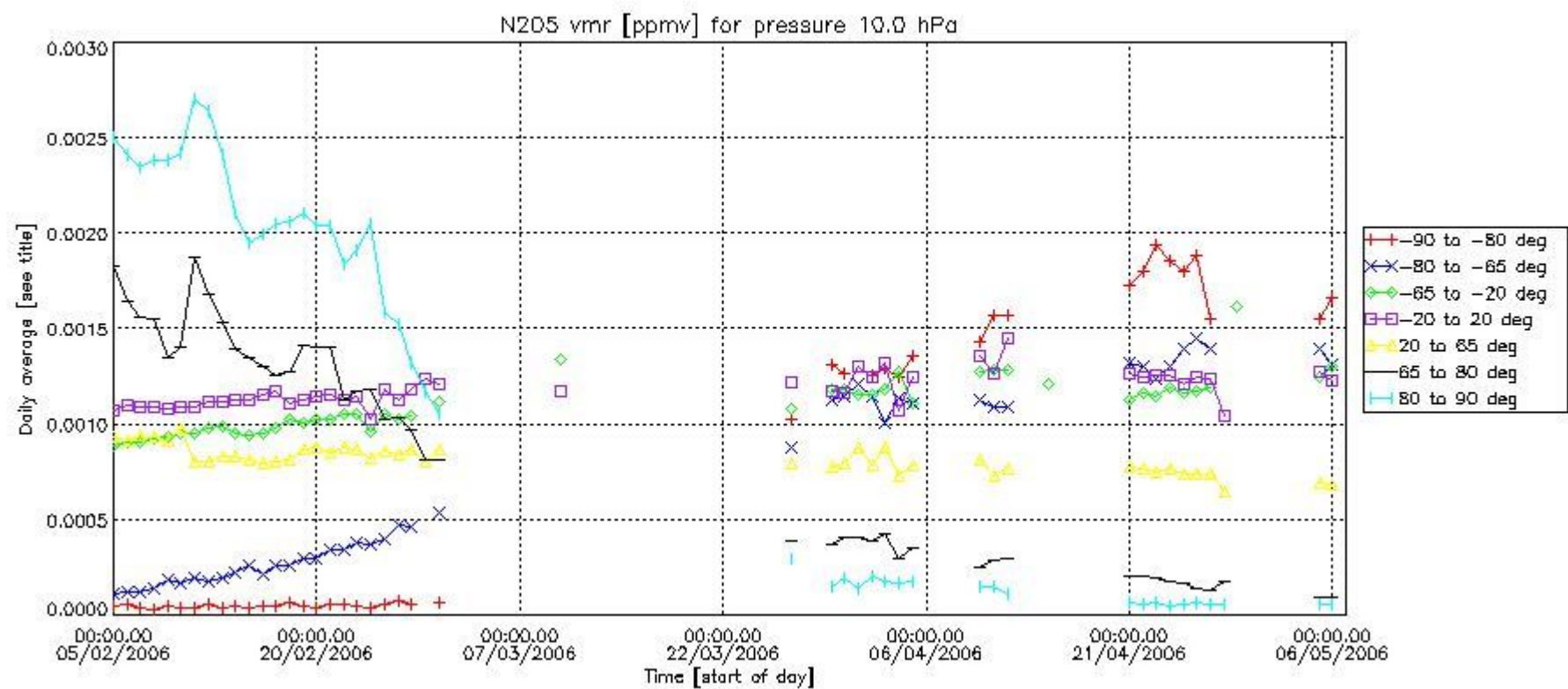


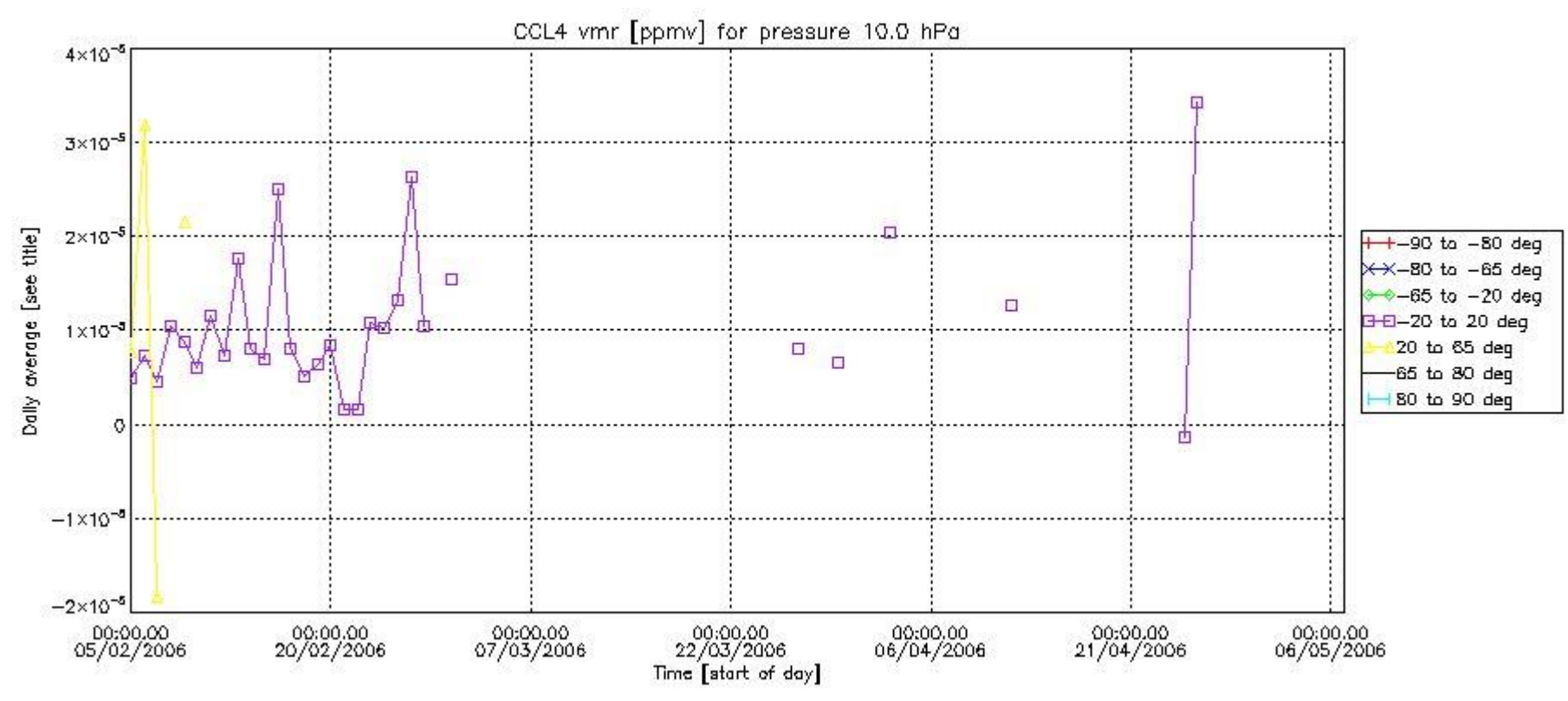
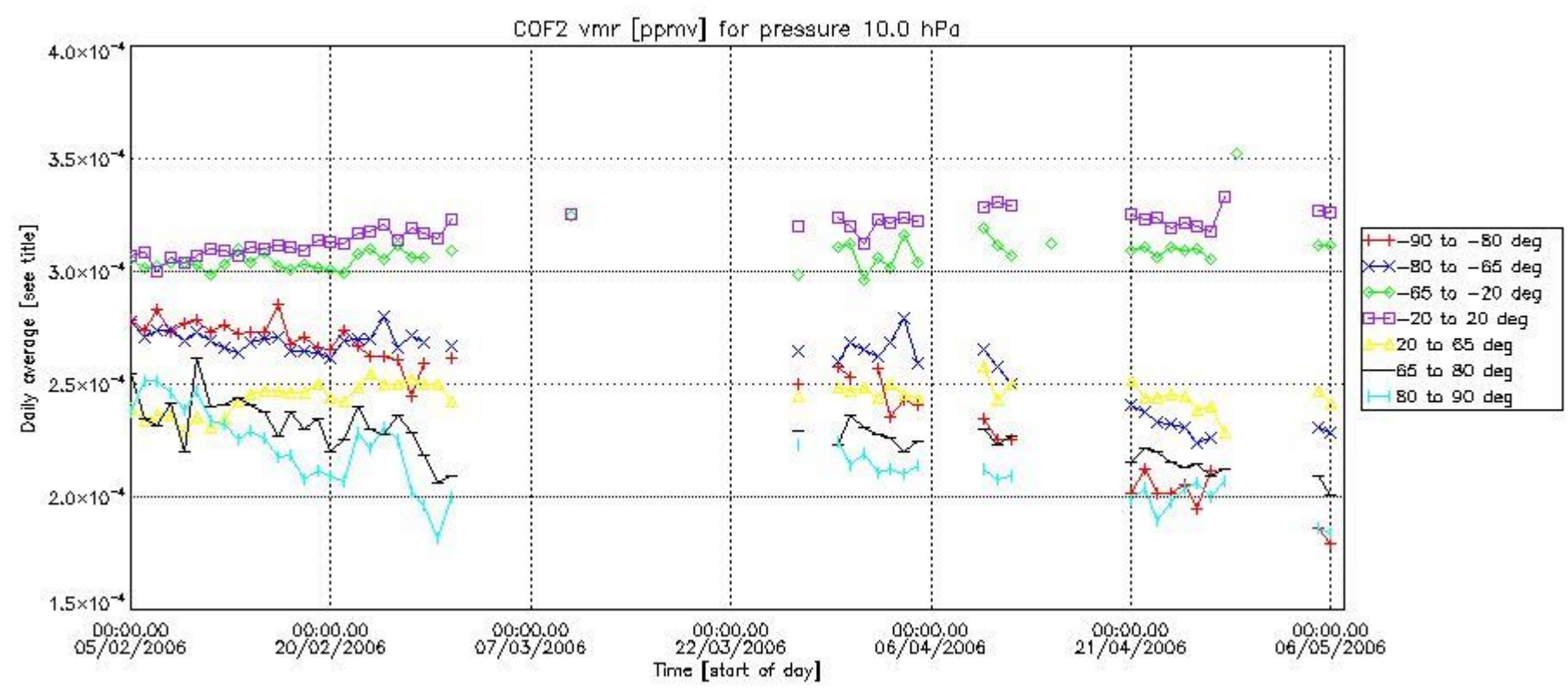


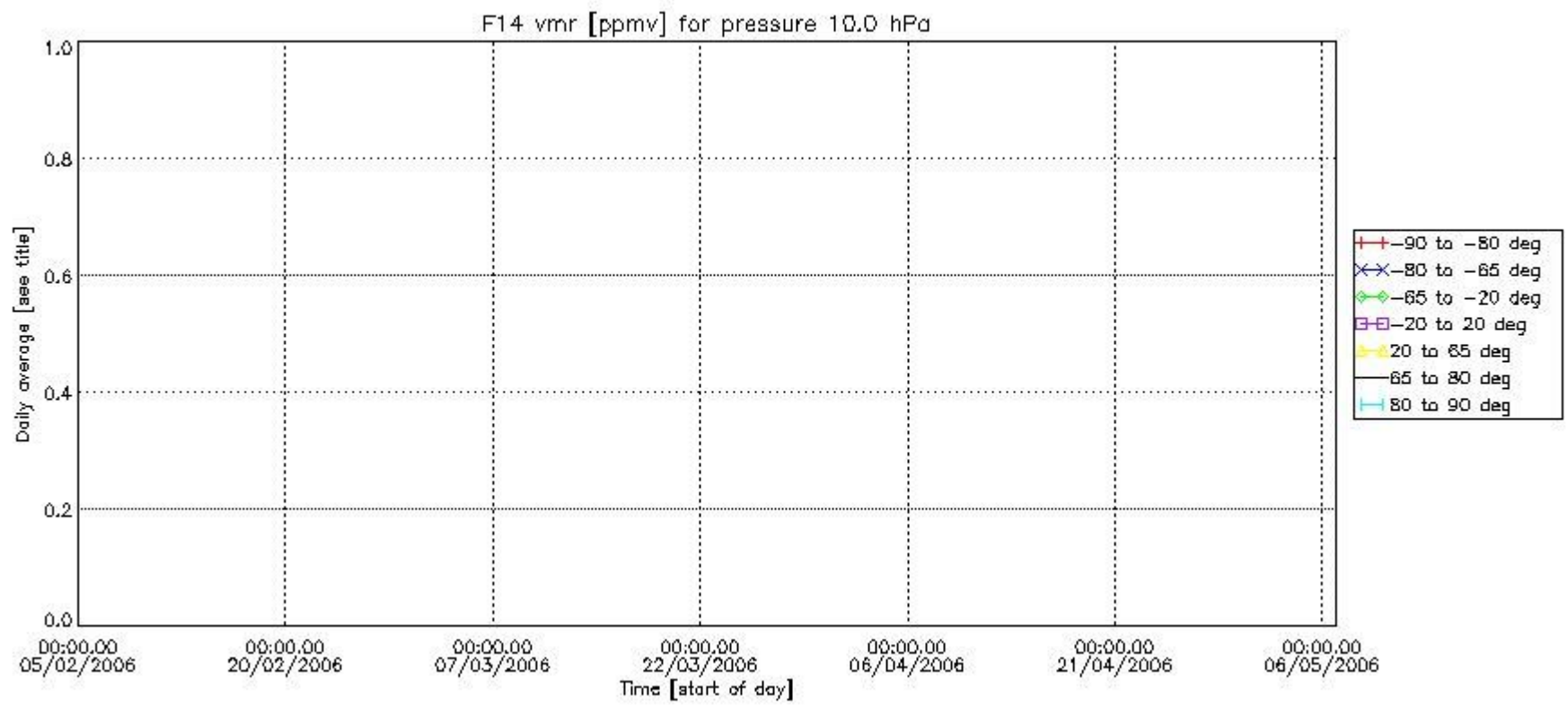
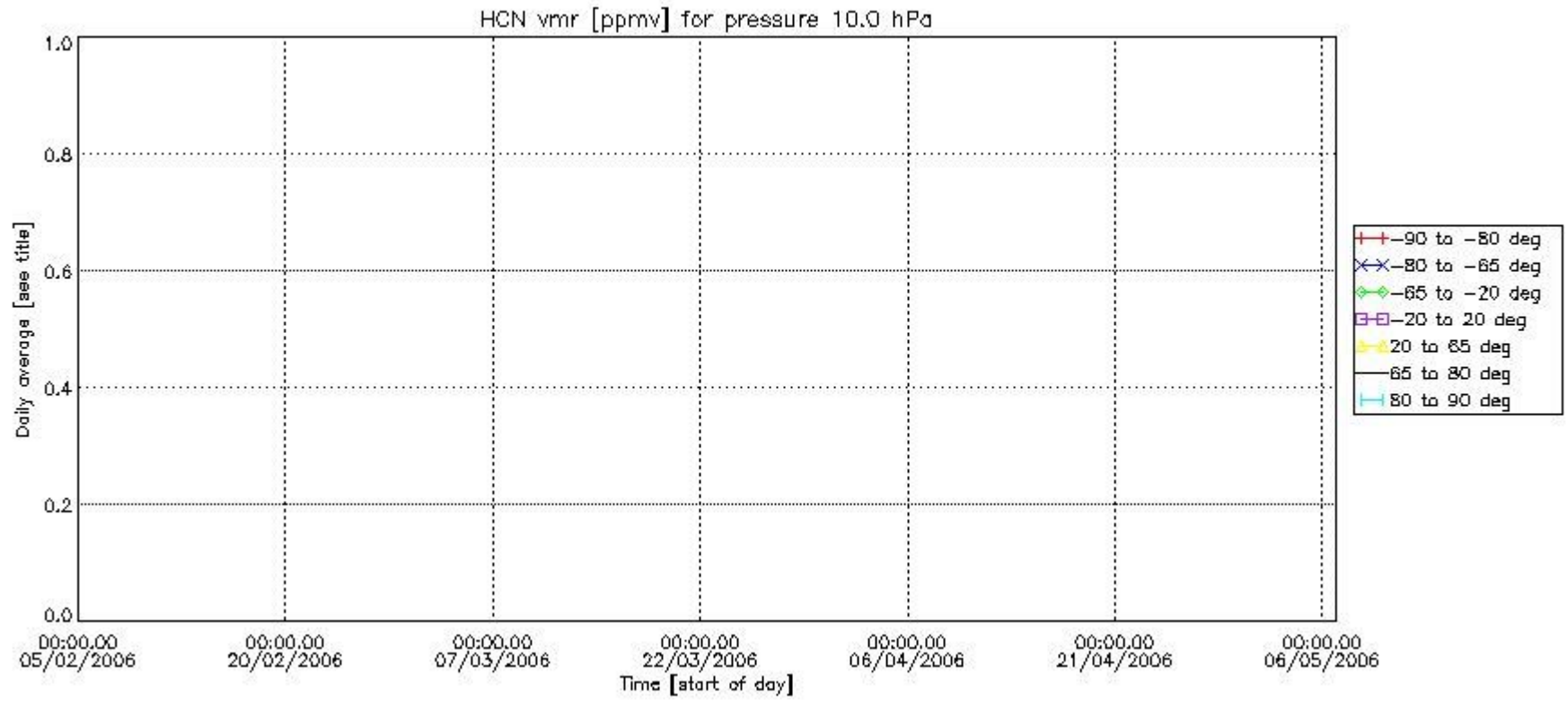


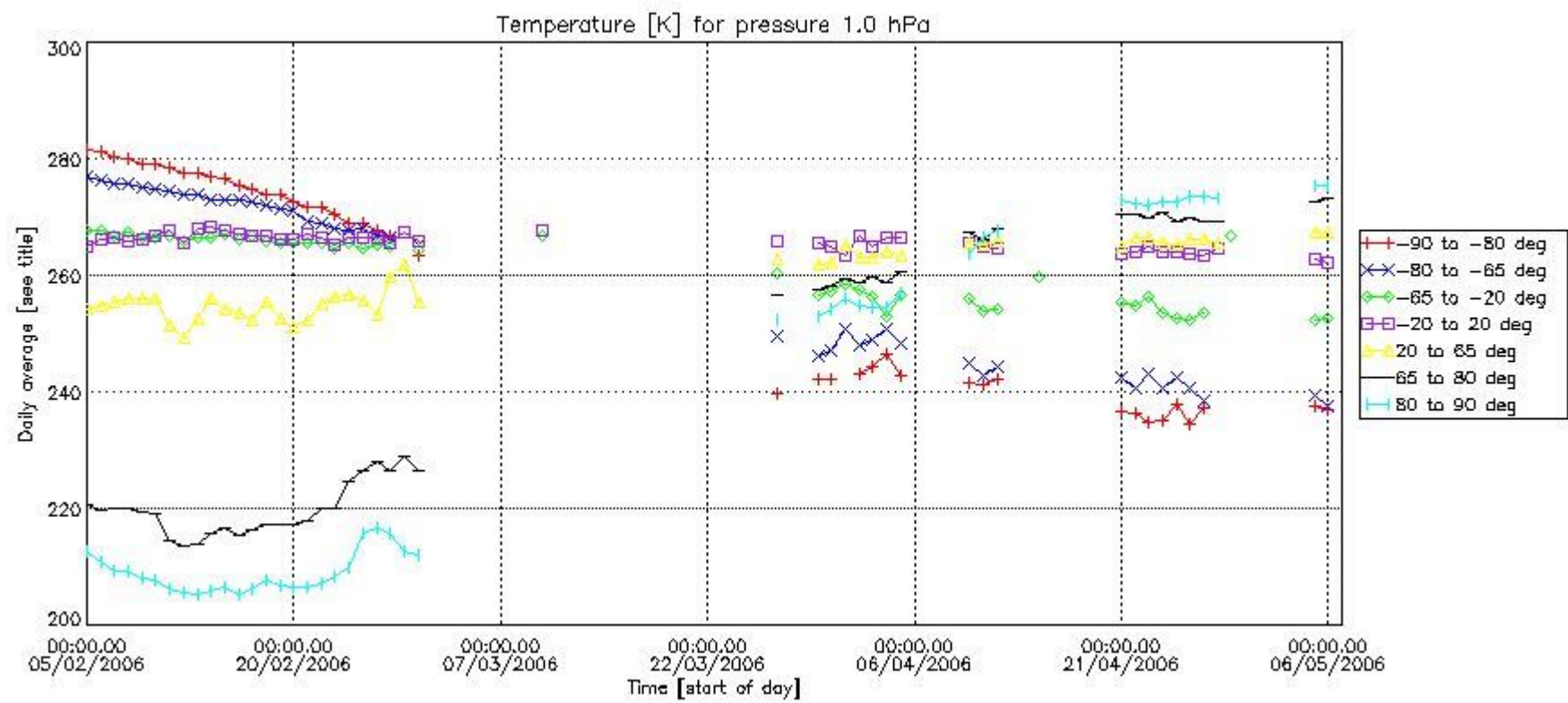
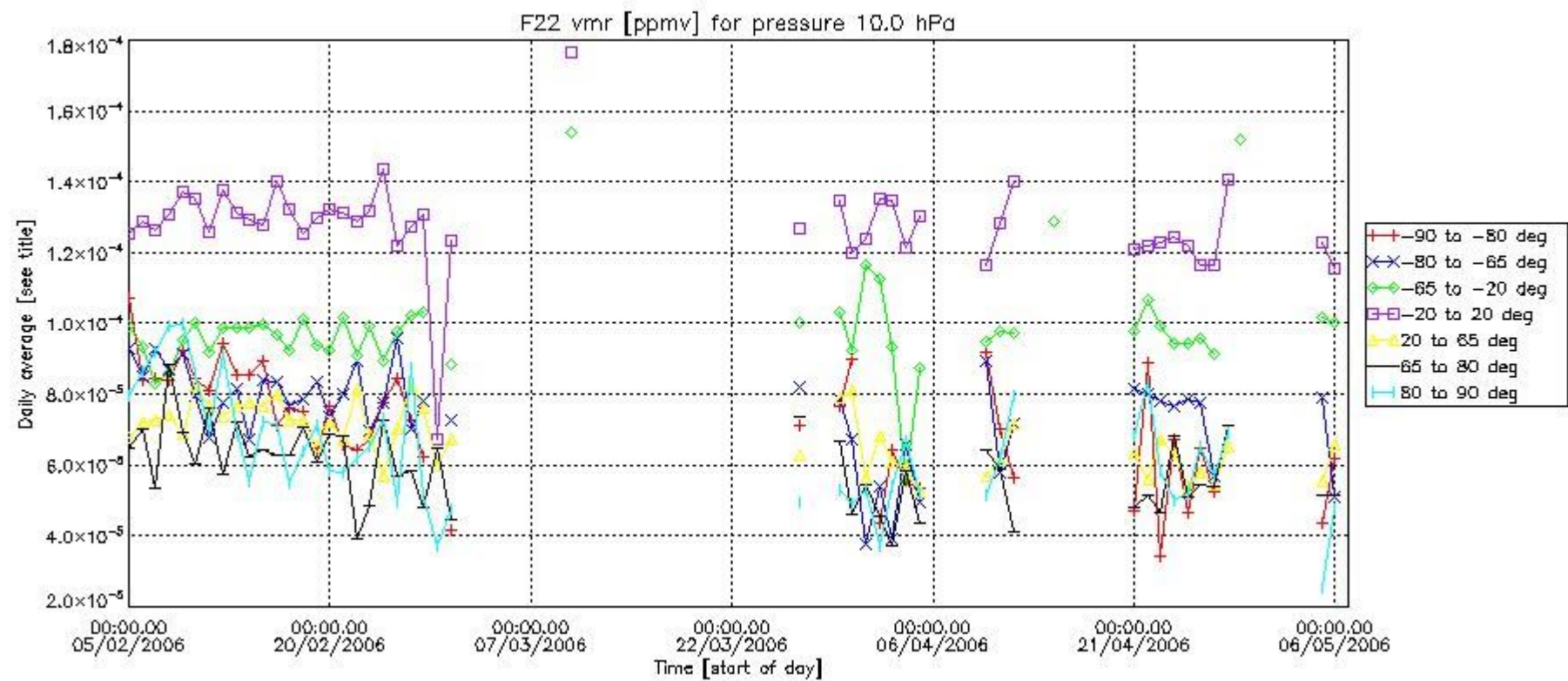


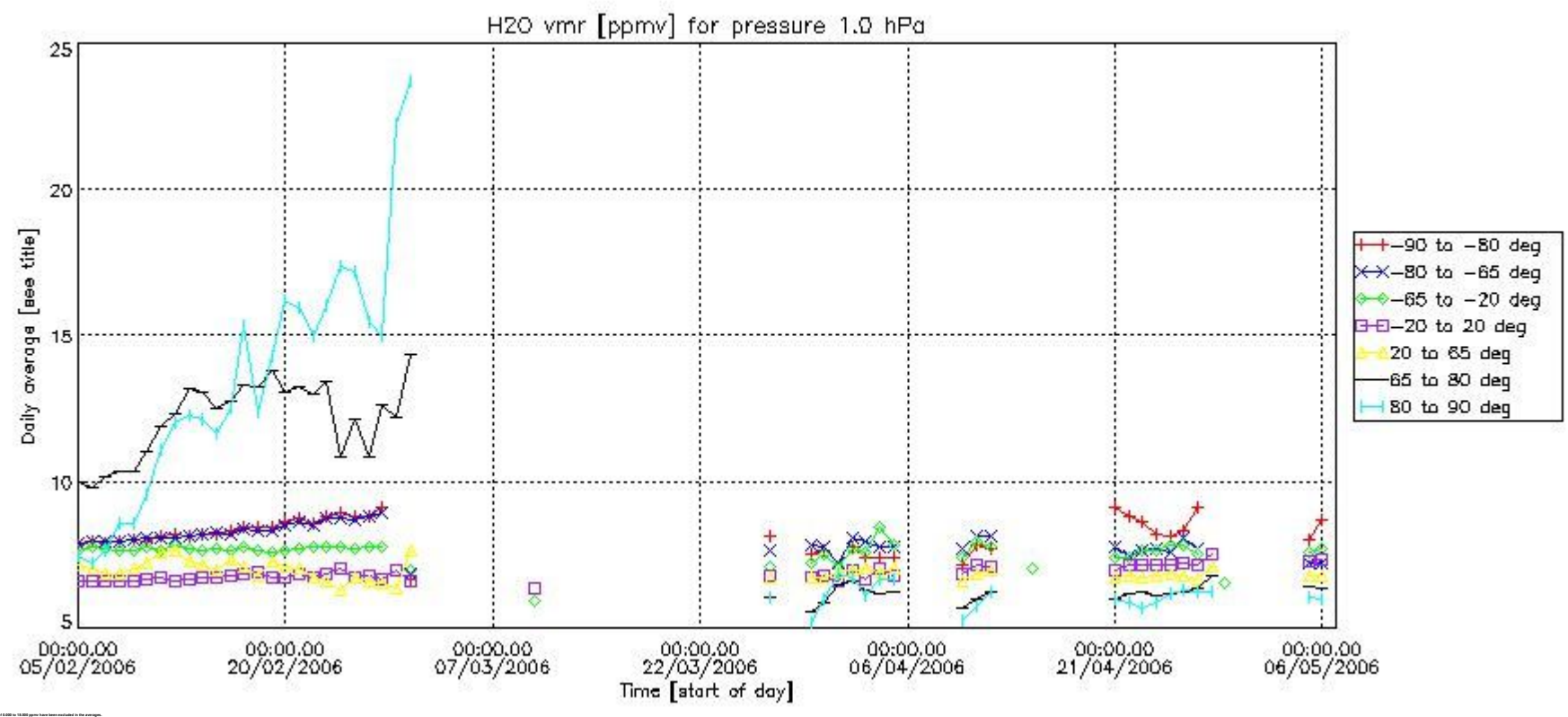
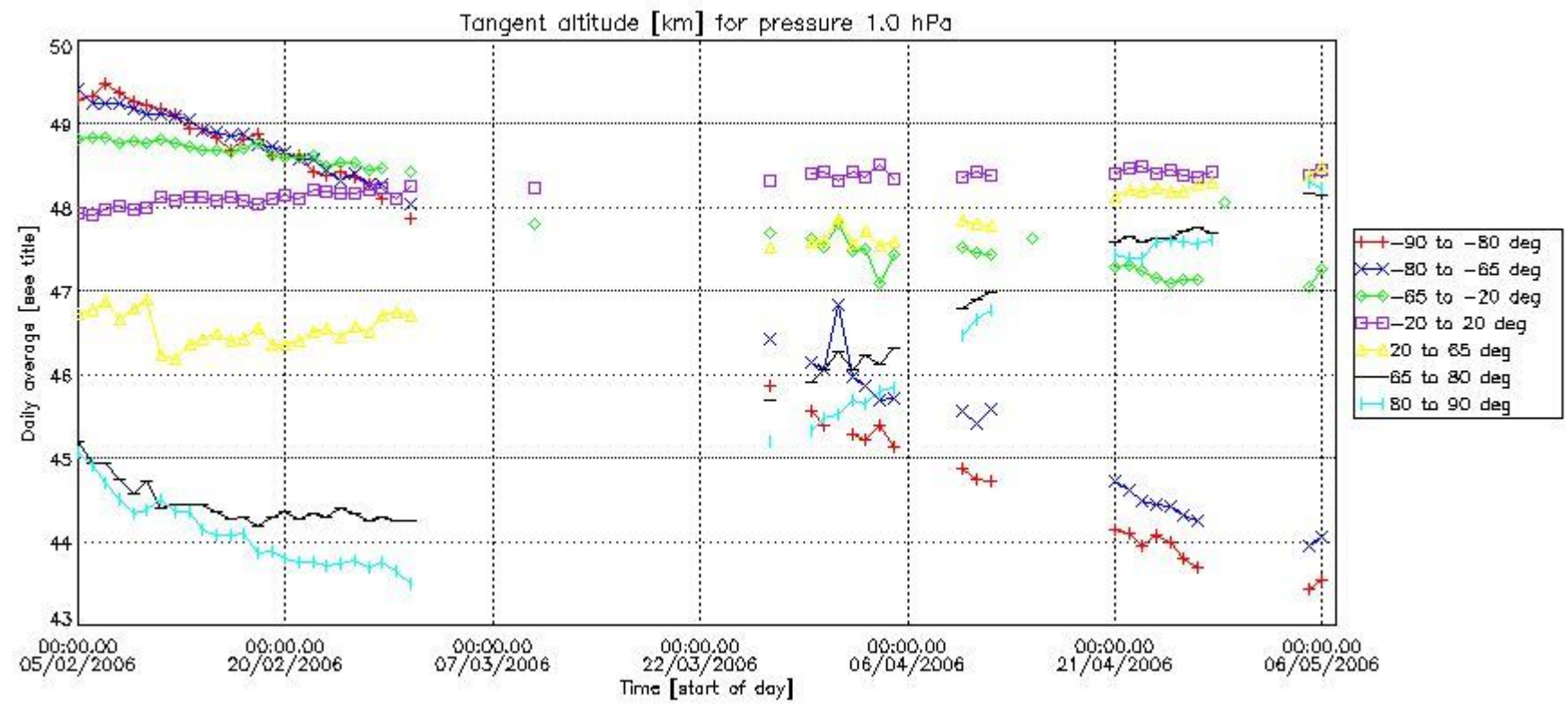


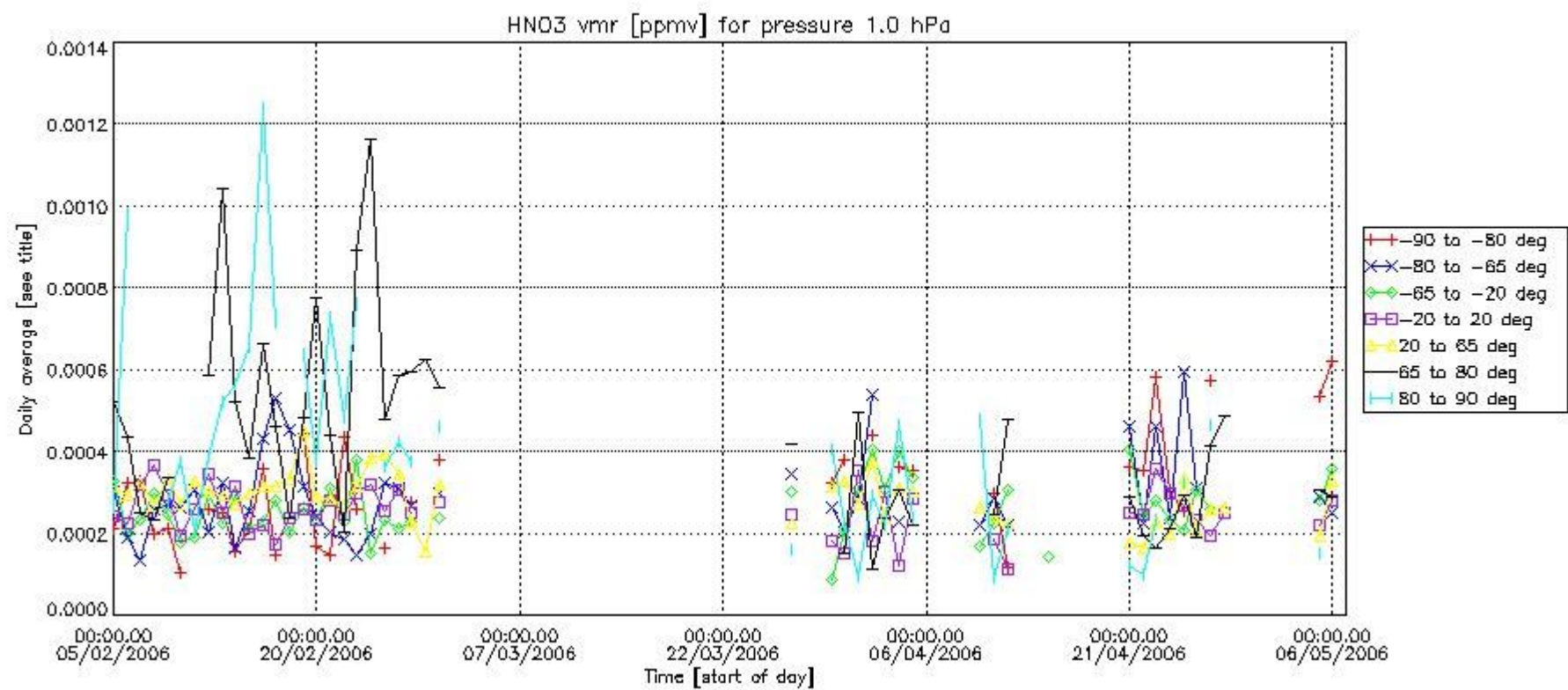
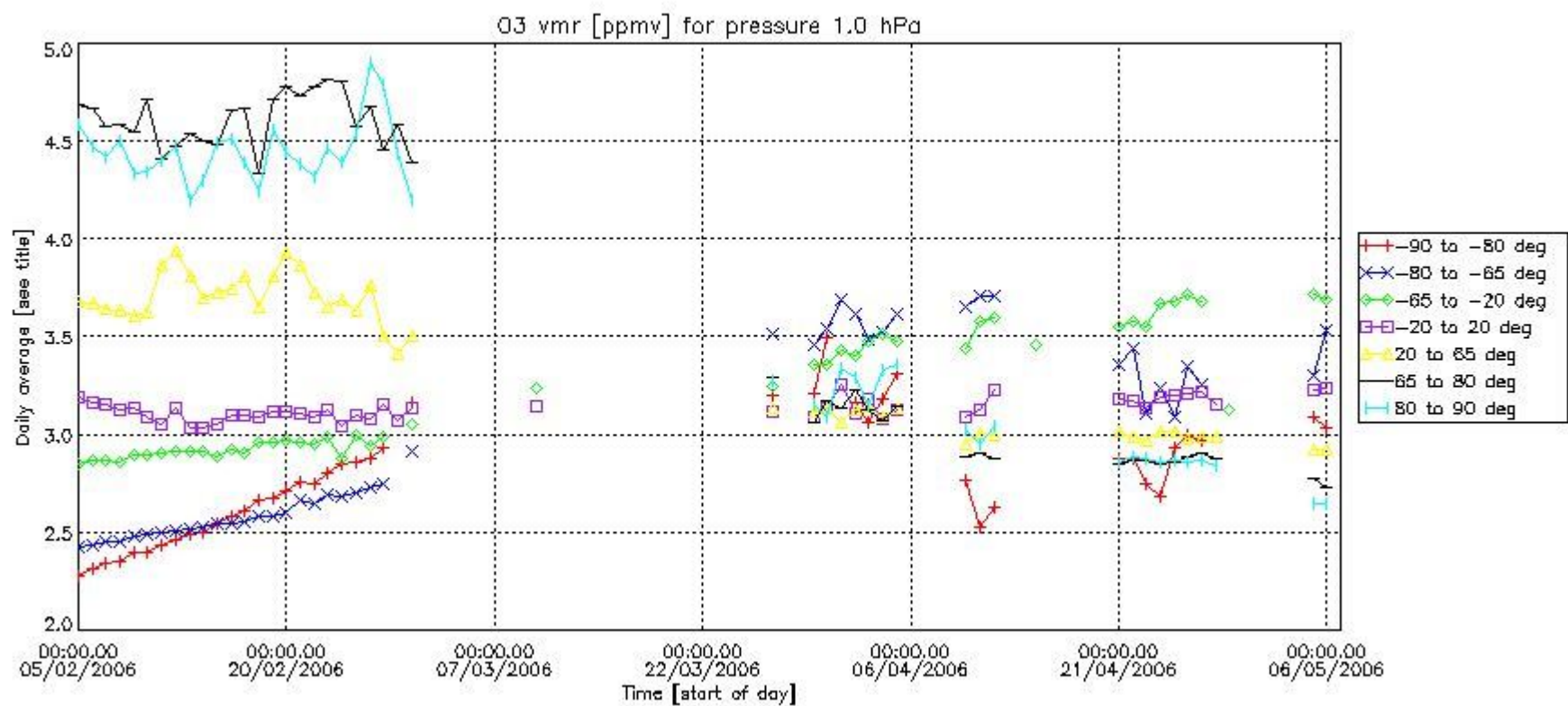


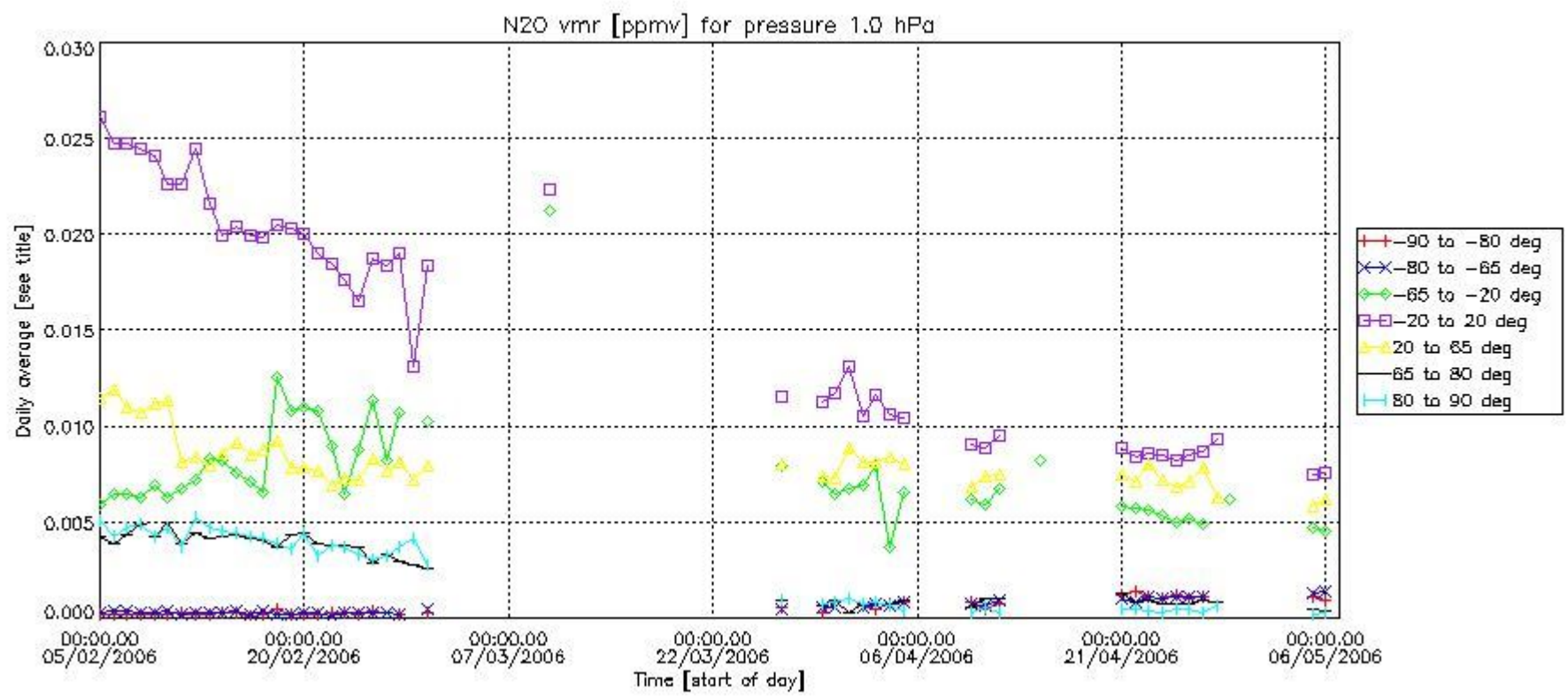
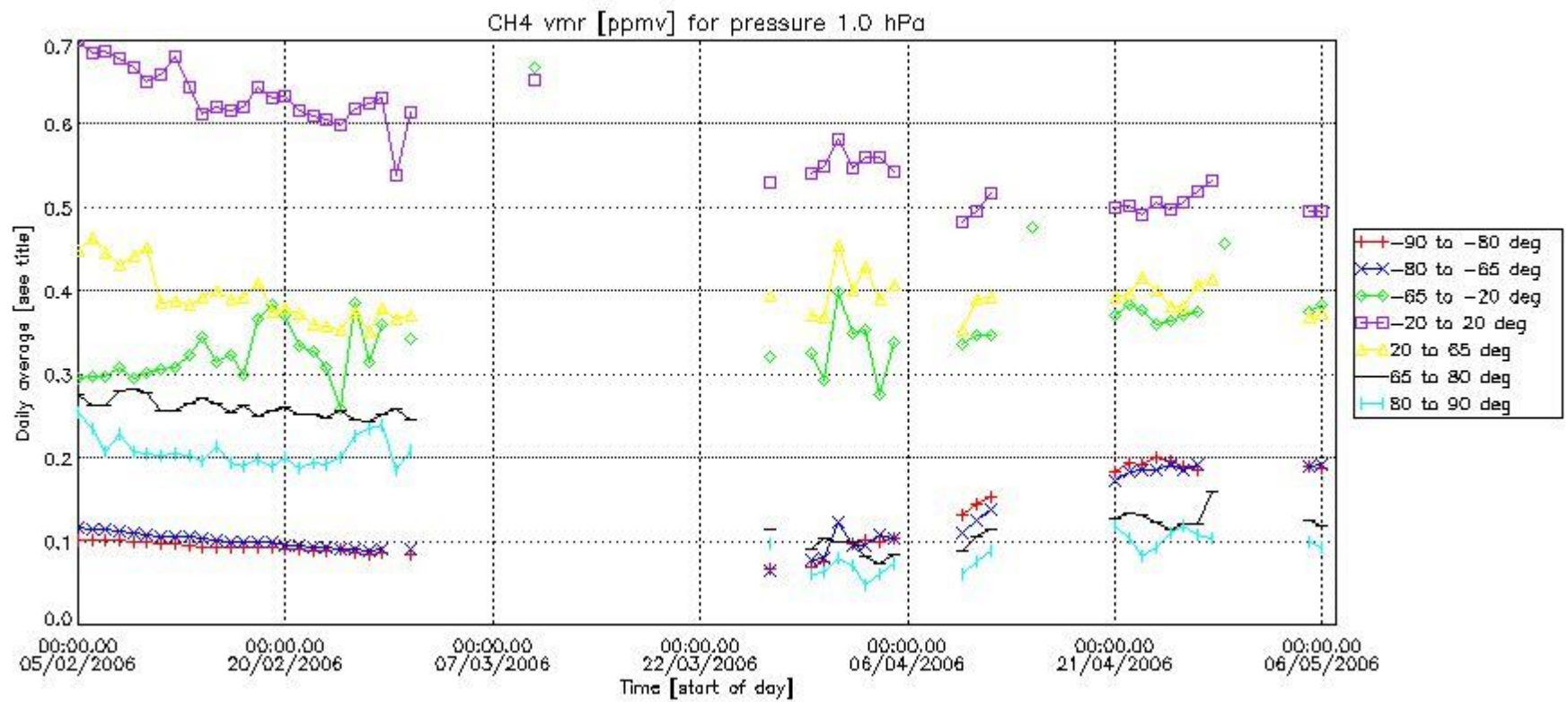


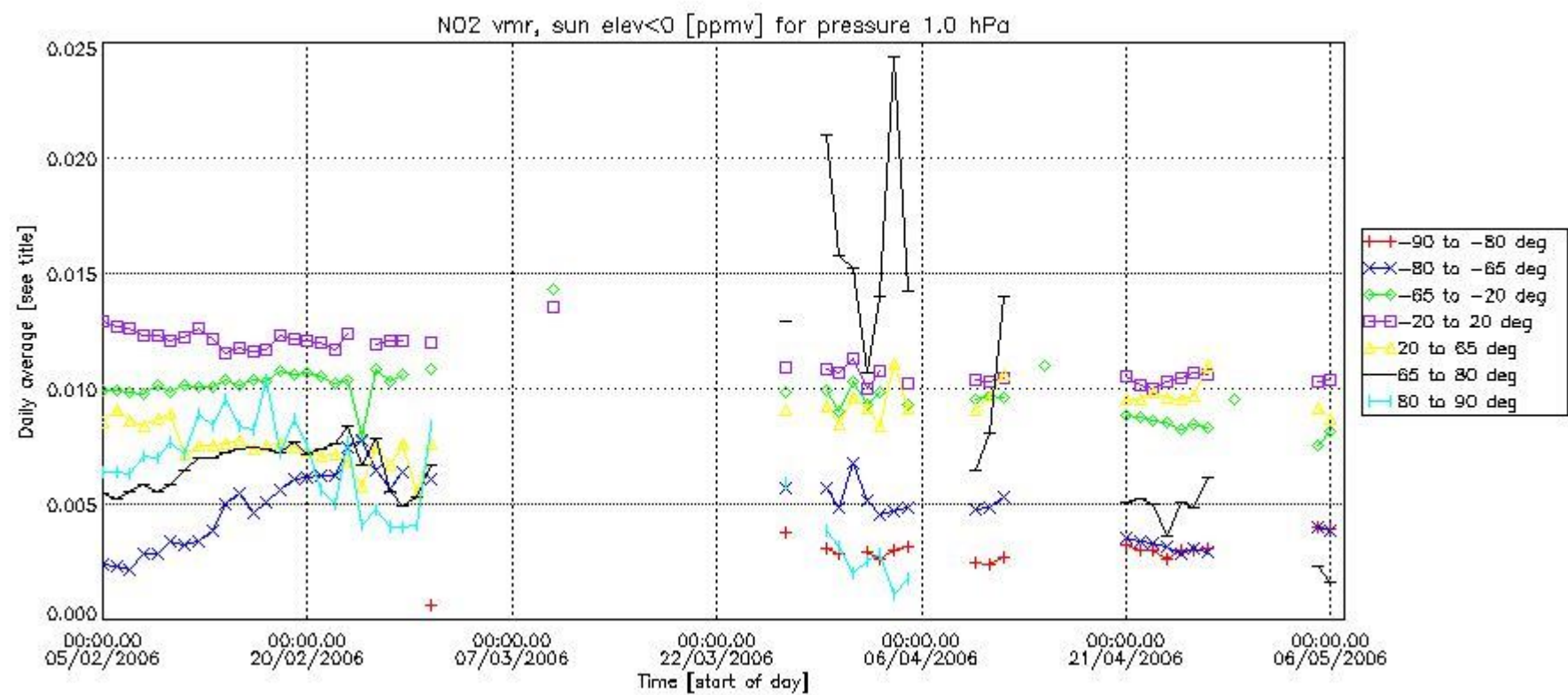
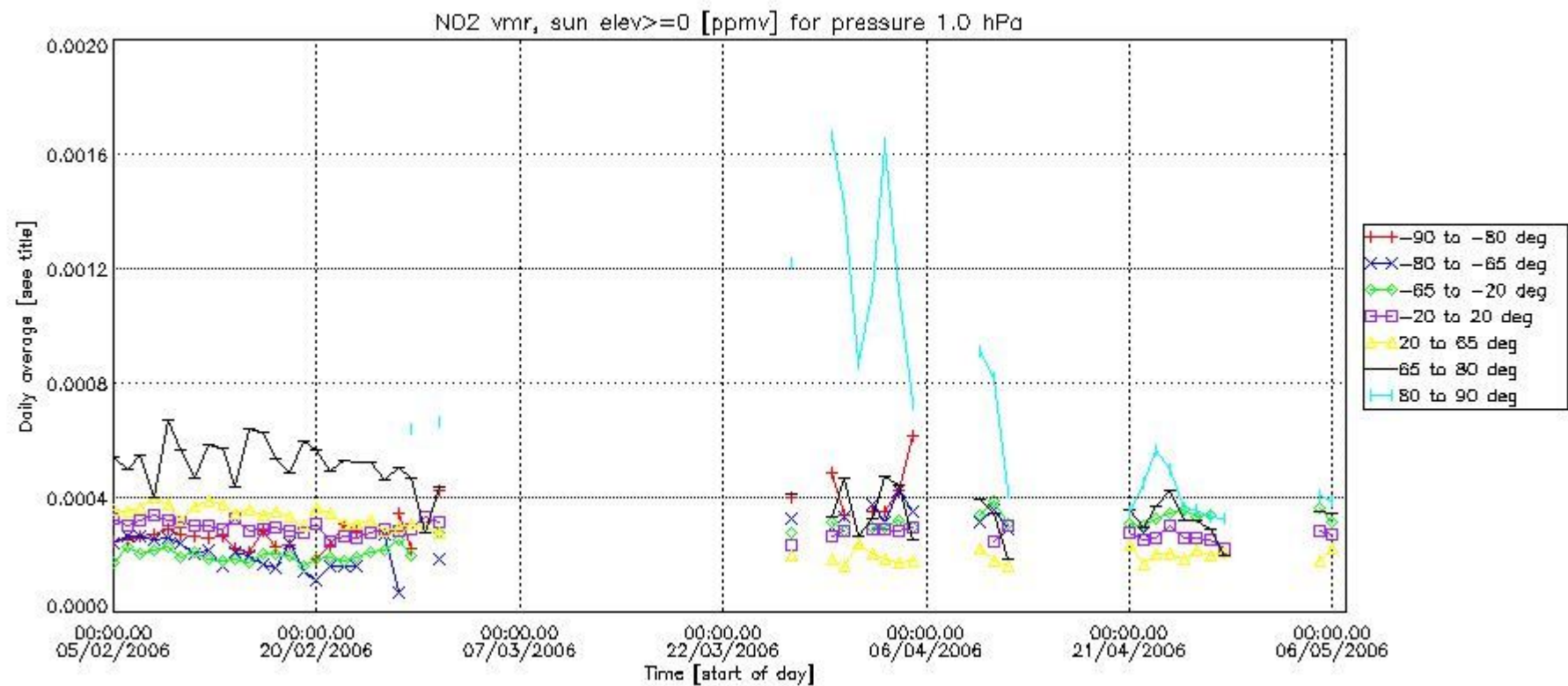


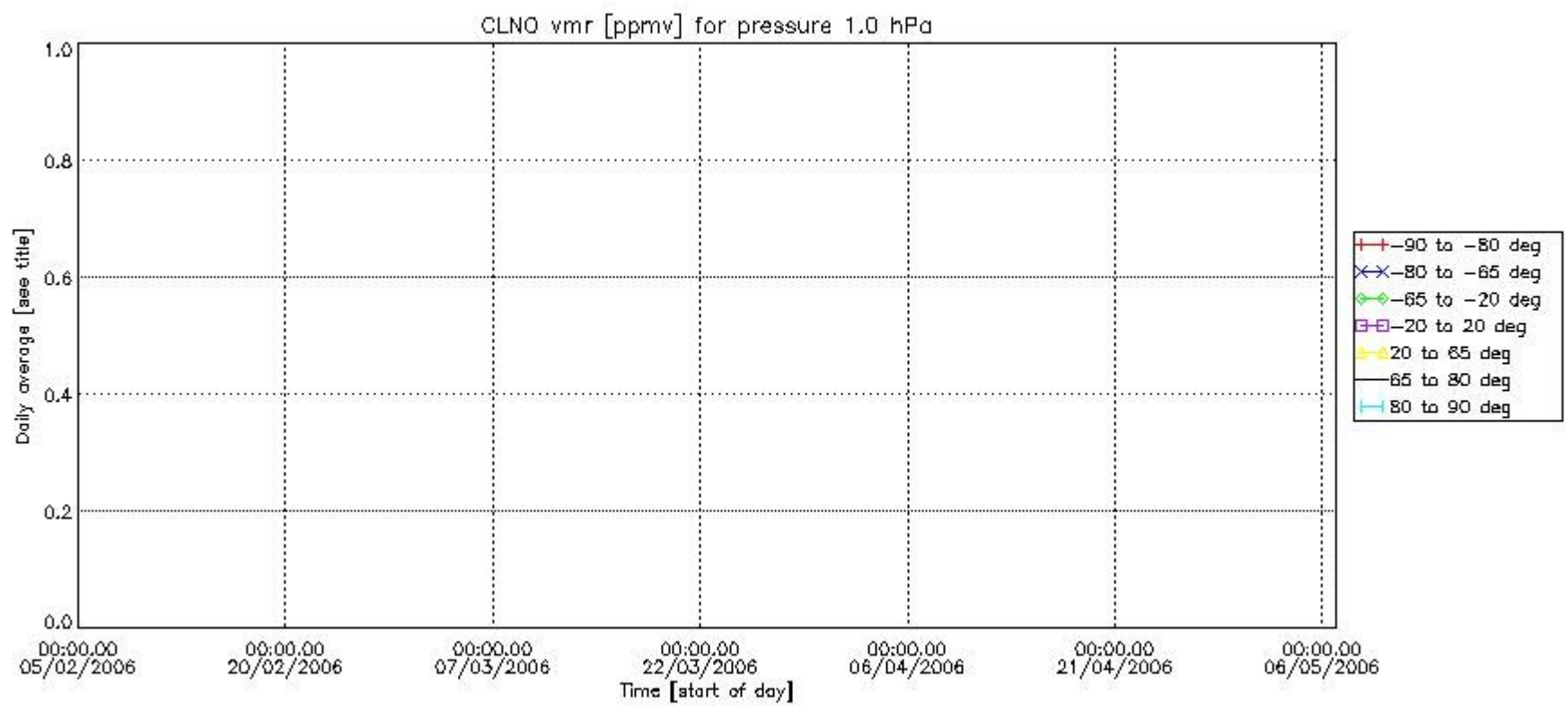
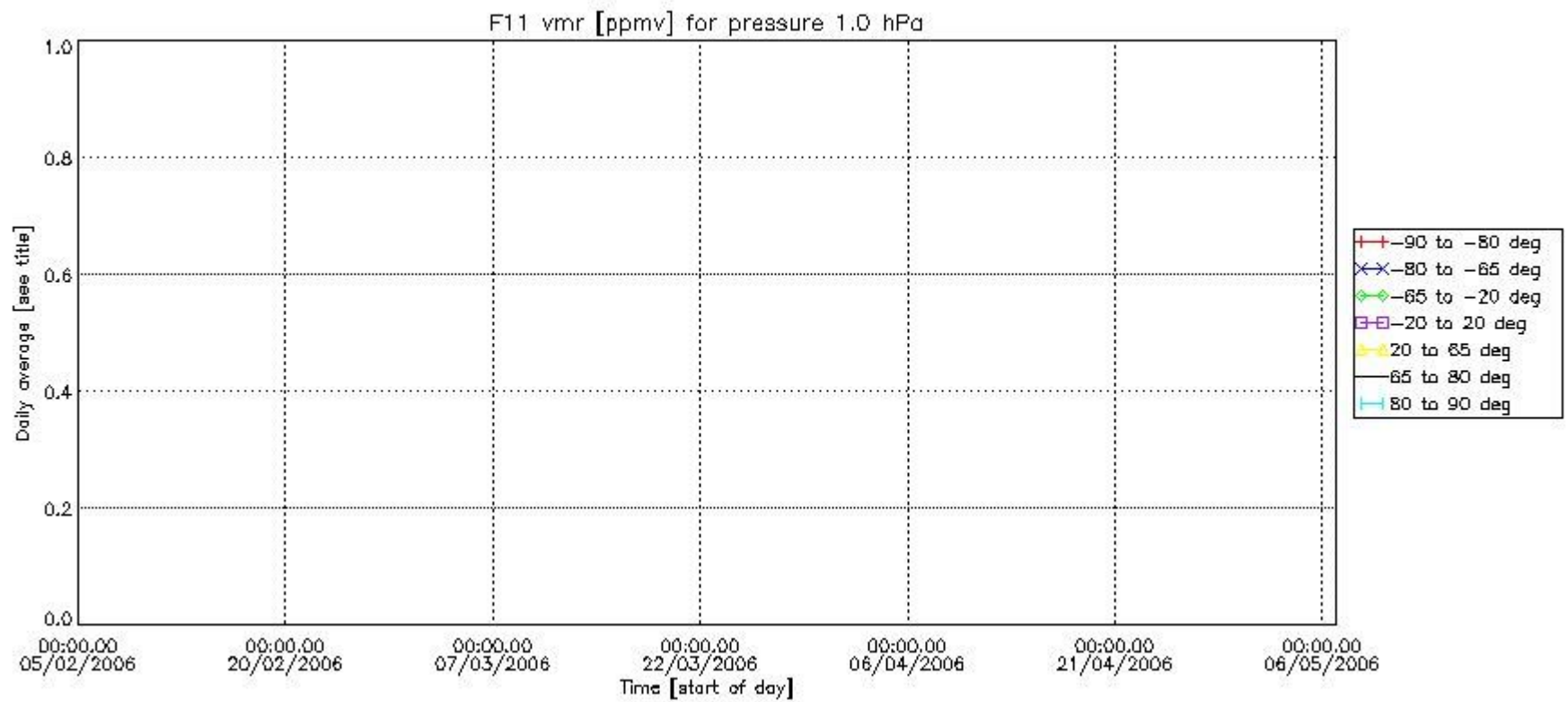


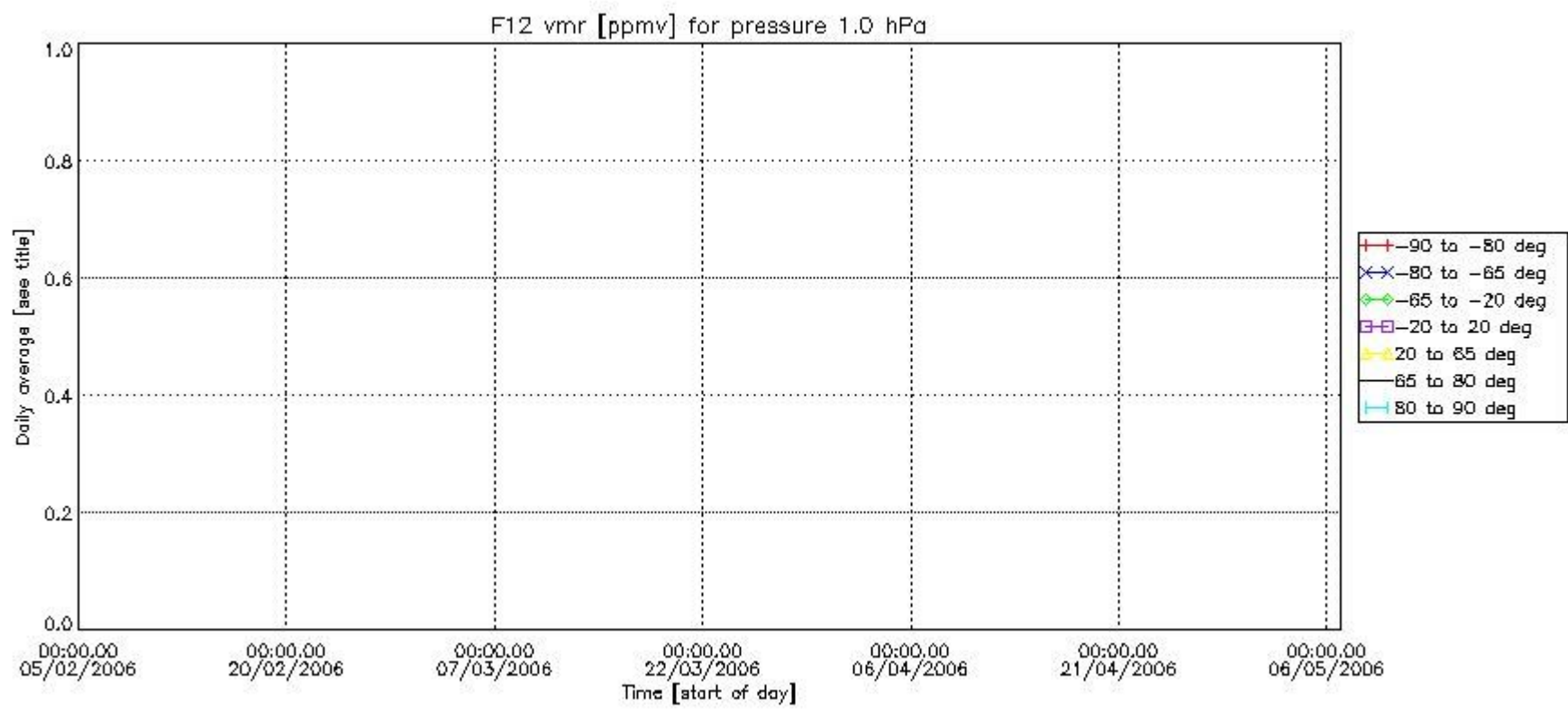
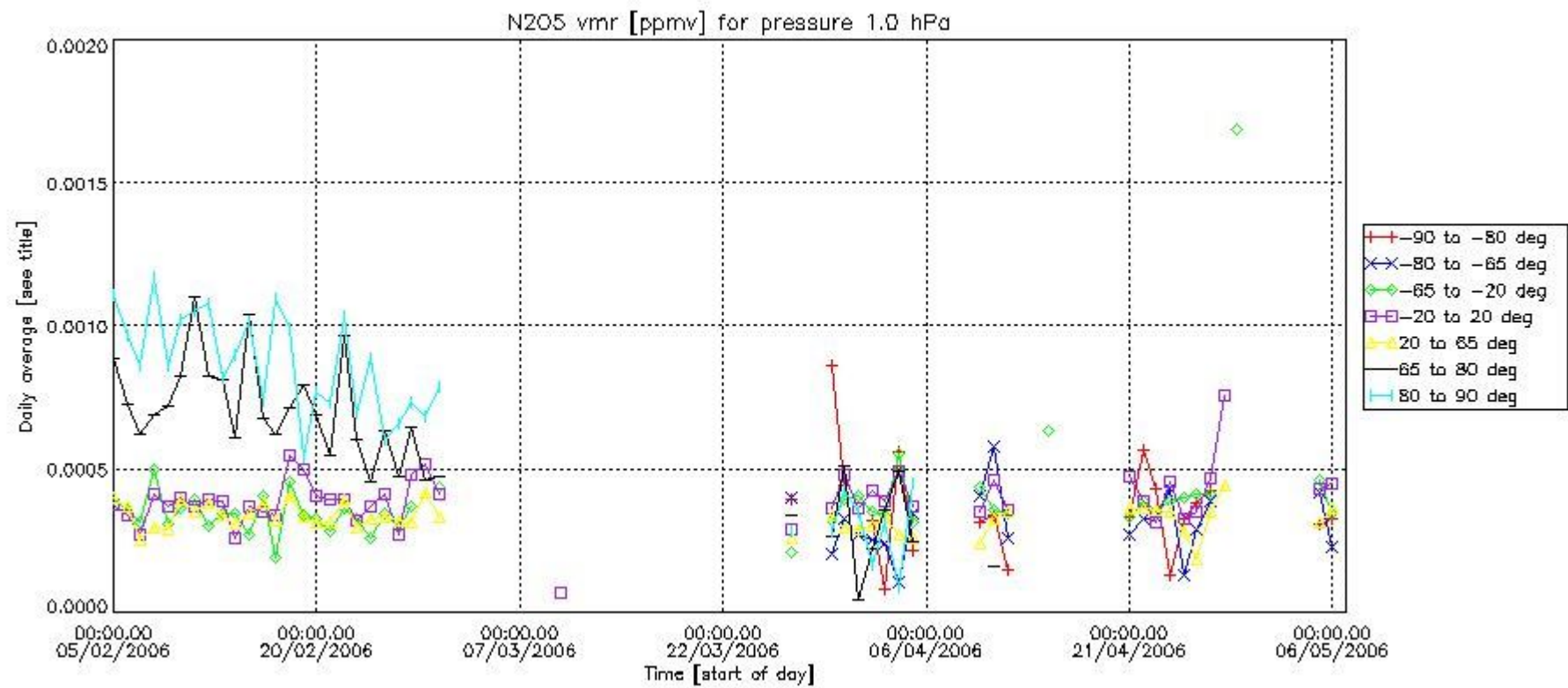


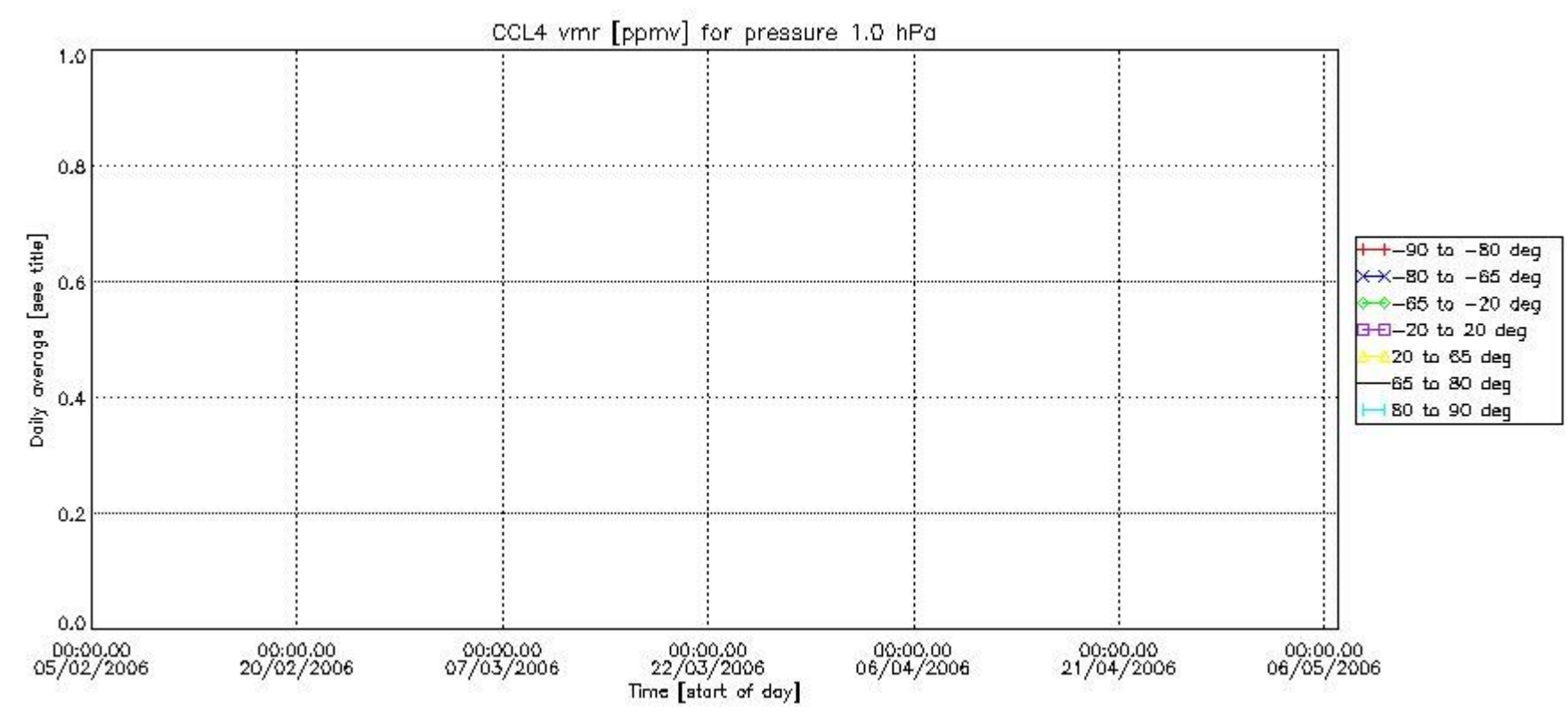
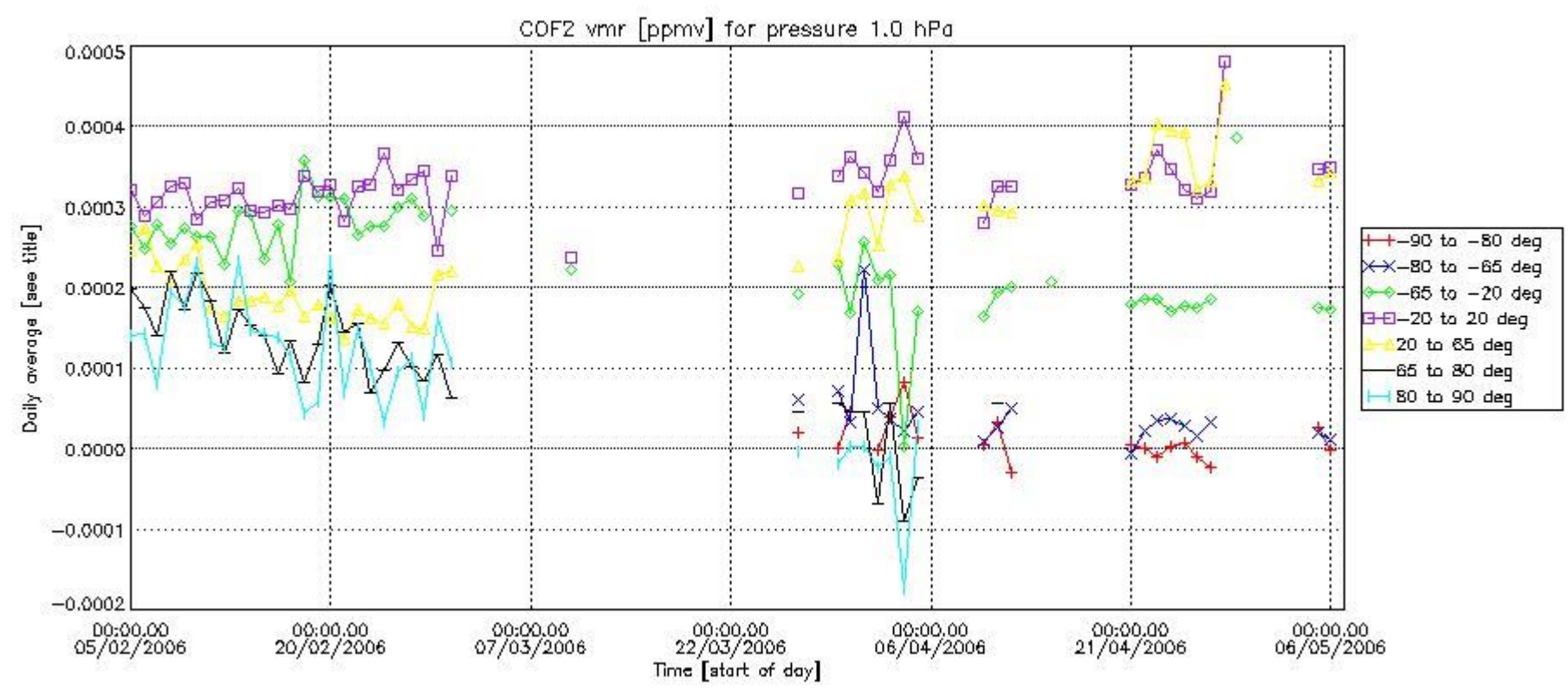


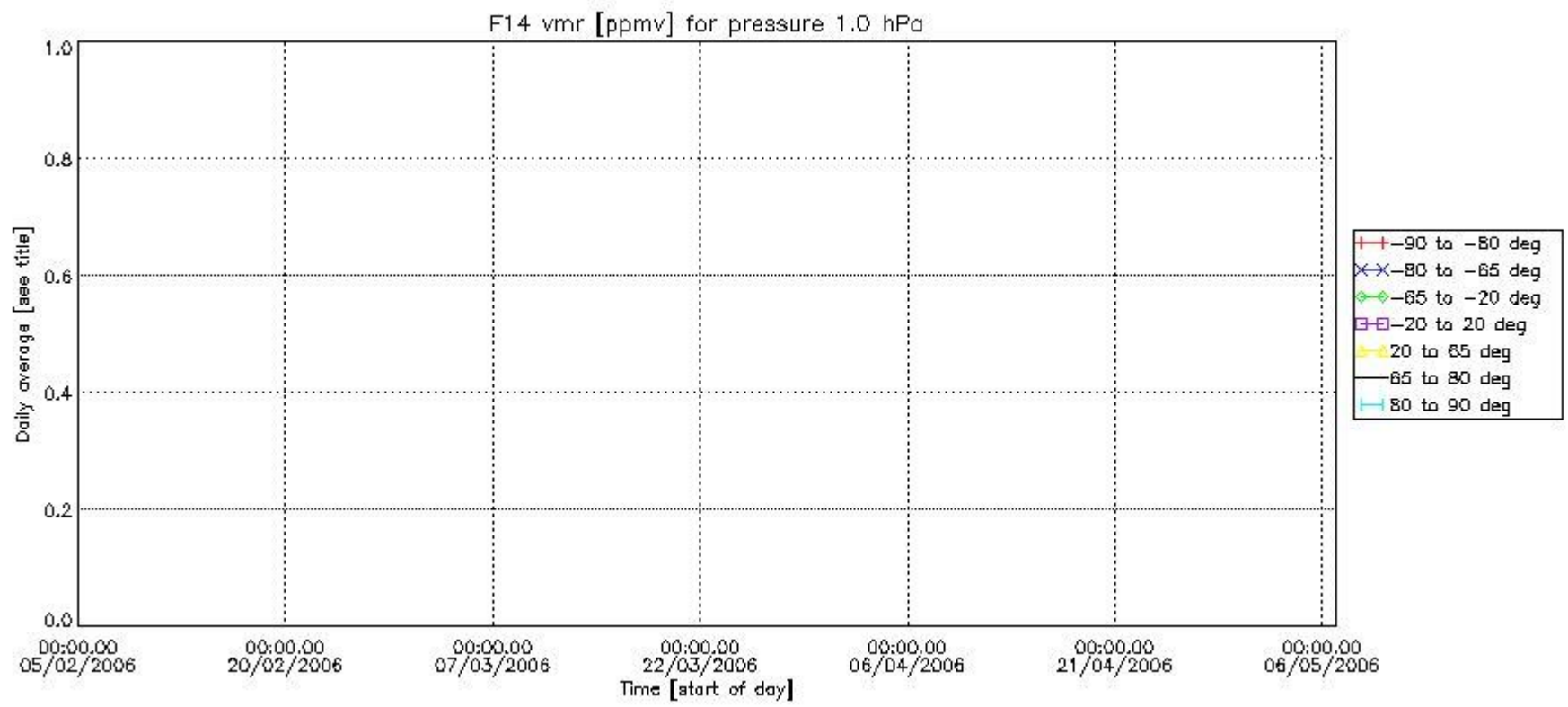
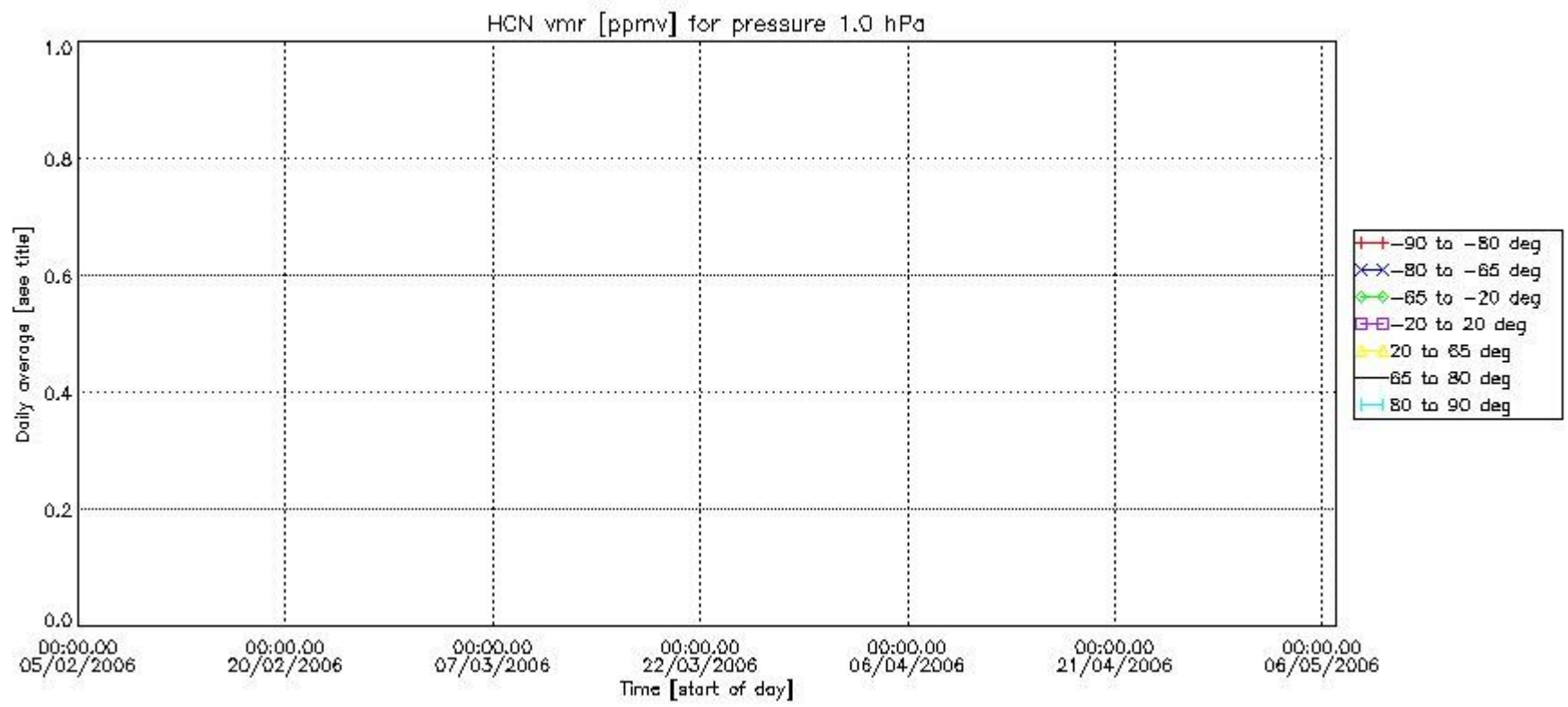


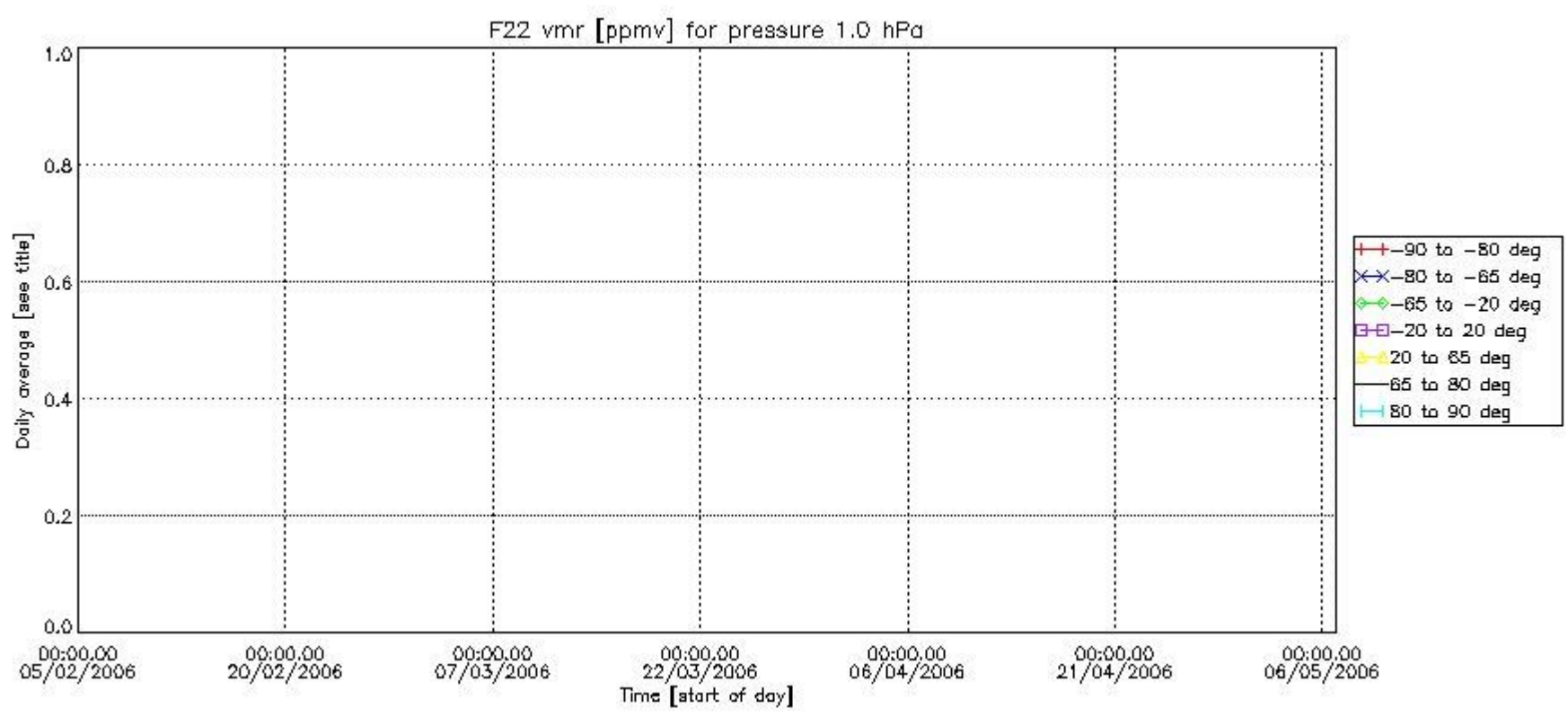












Number of successful retrievals vs. geolocation (*=day side , triangle=night side).

