

2. MIPAS Daily Report for level 2 products summary report

(See [mipas_daily_report_level2_ML2PP_7_03_W_20060607.html](#) for a detailed report).

2.1. General Info

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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 16:59:33
Data source version	ML2PP/7.03-W
Processing scope for products	07JUN2006 00:00:00 to 08JUN2006 00:00:00
Start time of first product within scope	06JUN2006 22:29:04
Stop time of last product within scope	08JUN2006 01:18:33
Total number of level 2 products	16
Number of level 2 products with errors	0

2.1.2 Summary per product

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

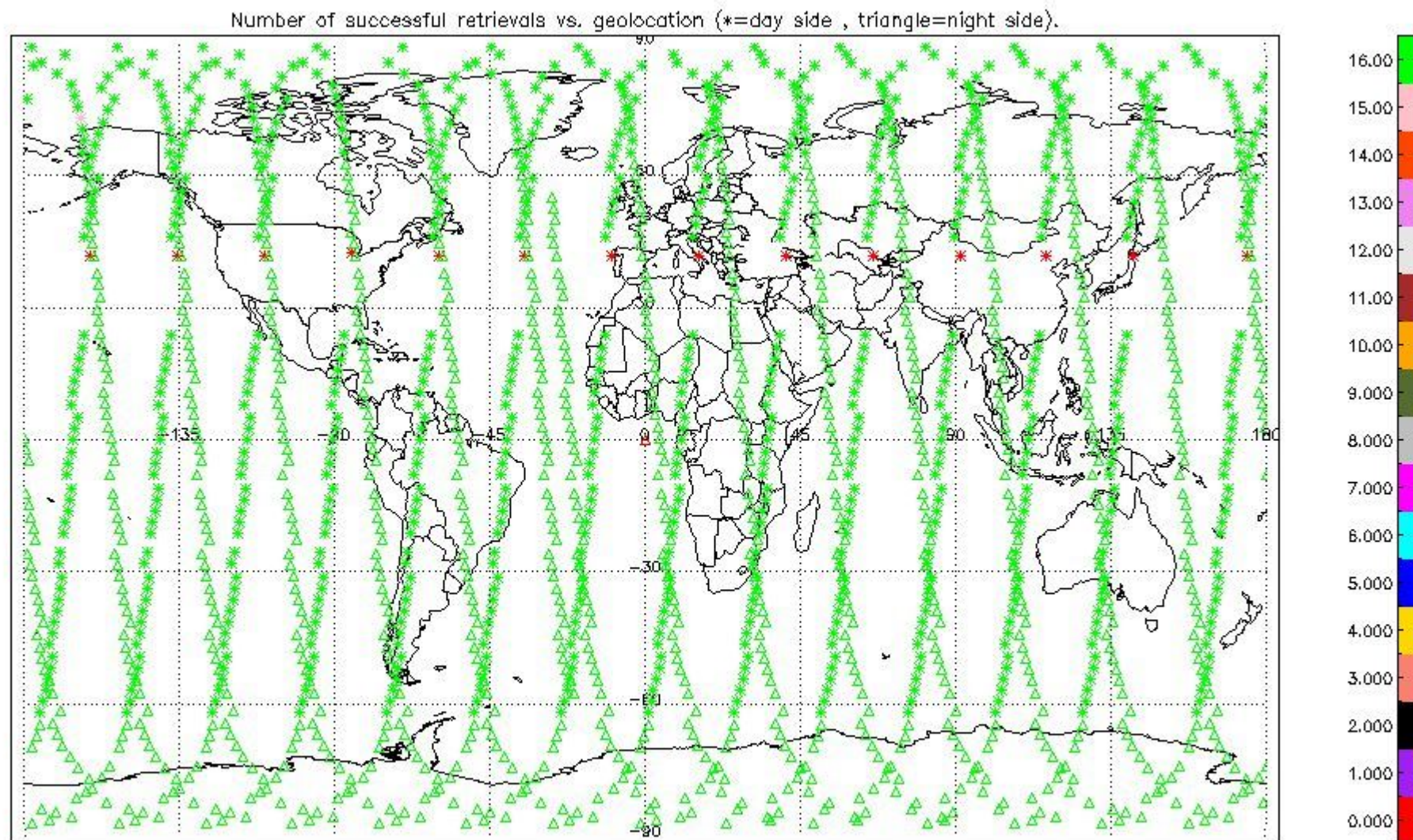
#	Product name	Start time	Stop time	Prod err	Number of scans (tot/proc)	Quality summary warnings
0	MIP_NL__2PWDSI20060606_222904_000060302048_00216_22314_1000.N1	06JUN2006 22:29:04	07JUN2006 00:09:34	0	128/128	VMR_TERM_MACRO_MICRO[HCN/macro:1; HCN/micro:1; F14/micro:1]
1	MIP_NL__2PWDSI20060607_000940_000060302048_00217_22315_1000.N1	07JUN2006 00:09:40	07JUN2006 01:50:10	0	128/128	VMR_TERM_MACRO_MICRO[F14/macro:2; HCN/micro:1]
2	MIP_NL__2PWDSI20060607_015016_000060302048_00218_22316_1000.N1	07JUN2006 01:50:16	07JUN2006 03:30:46	0	128/128	VMR_TERM_MACRO_MICRO[F14/macro:1]
3	MIP_NL__2PWDSI20060607_033052_000060302048_00219_22317_1000.N1	07JUN2006 03:30:52	07JUN2006 05:11:22	0	128/128	VMR_TERM_MACRO_MICRO[HCN/macro:1; F14/macro:1; HCN/micro:3]
4	MIP_NL__2PWDSI20060607_051128_000060302048_00220_22318_1000.N1	07JUN2006 05:11:28	07JUN2006 06:51:58	0	128/128	VMR_TERM_MACRO_MICRO[HCN/macro:1; CLNO/micro:2; HCN/micro:1]
5	MIP_NL__2PWDSI20060607_065204_000060302048_00221_22319_1000.N1	07JUN2006 06:52:04	07JUN2006 08:32:34	0	128/128	VMR_TERM_MACRO_MICRO[F14/macro:1; HCN/micro:1]
6	MIP_NL__2PWDSI20060607_083240_000060302048_00222_22320_1000.N1	07JUN2006 08:32:40	07JUN2006 10:13:10	0	128/128	VMR_TERM_MACRO_MICRO[F14/macro:2; F14/micro:1]
7	MIP_NL__2PWDSI20060607_101316_000060302048_00223_22321_1000.N1	07JUN2006 10:13:16	07JUN2006 11:53:46	0	128/128	VMR_TERM_MACRO_MICRO[F14/macro:1; HCN/micro:2]
8	MIP_NL__2PWDSI20060607_115352_000060302048_00224_22322_1000.N1	07JUN2006 11:53:52	07JUN2006 13:34:21	0	128/128	
9	MIP_NL__2PWDSI20060607_133428_000060302048_00225_22323_1000.N1	07JUN2006 13:34:28	07JUN2006 15:14:57	0	128/128	
10	MIP_NL__2PWDSI20060607_151504_000060302048_00226_22324_1000.N1	07JUN2006 15:15:04	07JUN2006 16:55:33	0	109/109	VMR_TERM_MACRO_MICRO[HCN/micro:3]
11	MIP_NL__2PWDSI20060607_165540_000060302048_00227_22325_1000.N1	07JUN2006 16:55:40	07JUN2006 18:36:10	0	128/128	VMR_TERM_MACRO_MICRO[F14/macro:1]
12	MIP_NL__2PWDSI20060607_183616_000060302048_00228_22326_1000.N1	07JUN2006 18:36:16	07JUN2006 20:16:46	0	128/128	
13	MIP_NL__2PWDSI20060607_201652_000060302048_00229_22327_1000.N1	07JUN2006 20:16:52	07JUN2006 21:57:21	0	128/128	VMR_TERM_MACRO_MICRO[HCN/macro:1; HCN/micro:1]
14	MIP_NL__2PWDSI20060607_215728_000060302048_00230_22328_1000.N1	07JUN2006 21:57:28	07JUN2006 23:37:57	0	128/128	VMR_TERM_MACRO_MICRO[HCN/micro:3]
15	MIP_NL__2PWDSI20060607_233804_000060302048_00231_22329_1000.N1	07JUN2006 23:38:04	08JUN2006 01:18:33	0	128/128	

2.2 Processing performance indicators

2.2.1 Successful retrievals

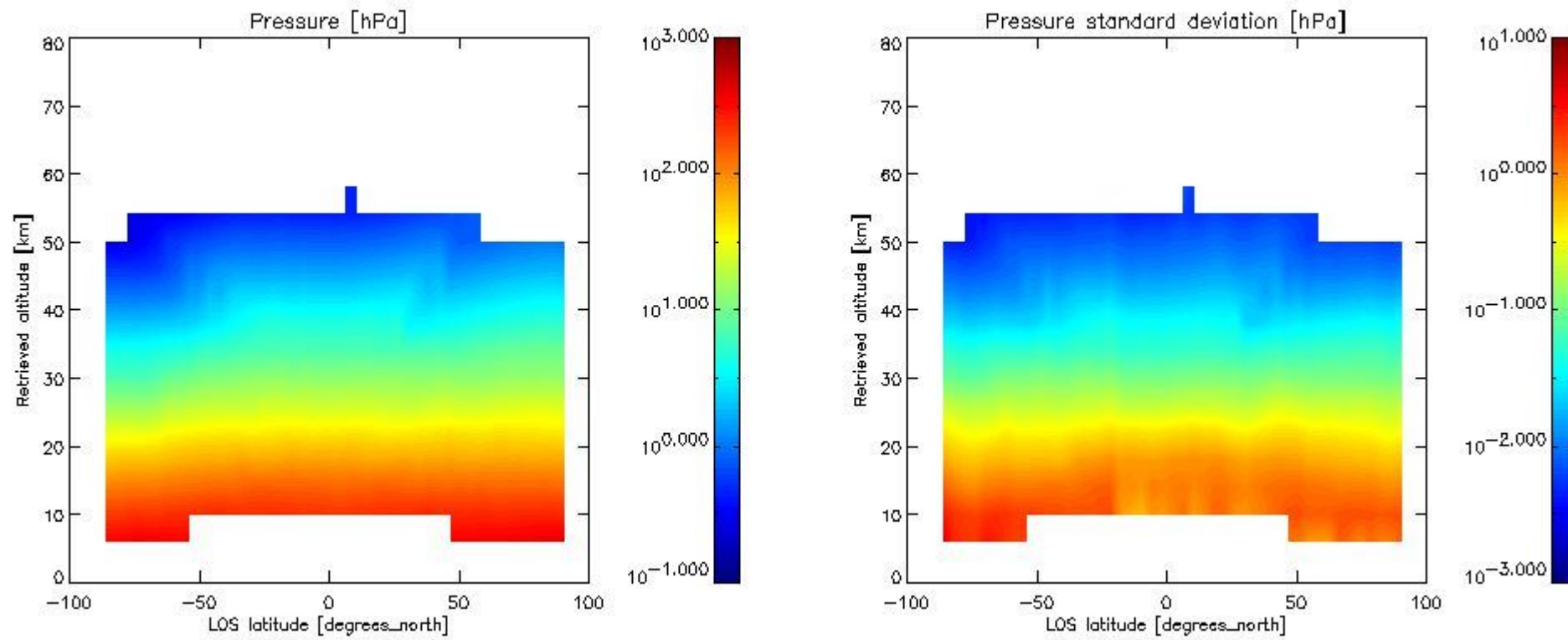
This section includes a table with statistics on the number of retrievals, as well as a worldmap plot that shows successful retrievals.

RETRIEVAL MDS	# scans processed	# Successful retrievals	%
PT	2029	1787	88.073
H2O	2029	1787	88.073
O3	2029	1787	88.073
HNO3	2029	1787	88.073
CH4	2029	1787	88.073
N2O	2029	1787	88.073
NO2	2029	1787	88.073
F11	2029	1787	88.073
CLNO	2029	1787	88.073
N2O5	2029	1787	88.073
F12	2029	1786	88.024
COF2	2029	1787	88.073
CCL4	2029	1787	88.073
HCN	2029	1787	88.073
F14	2029	1787	88.073
F22	2029	1787	88.073



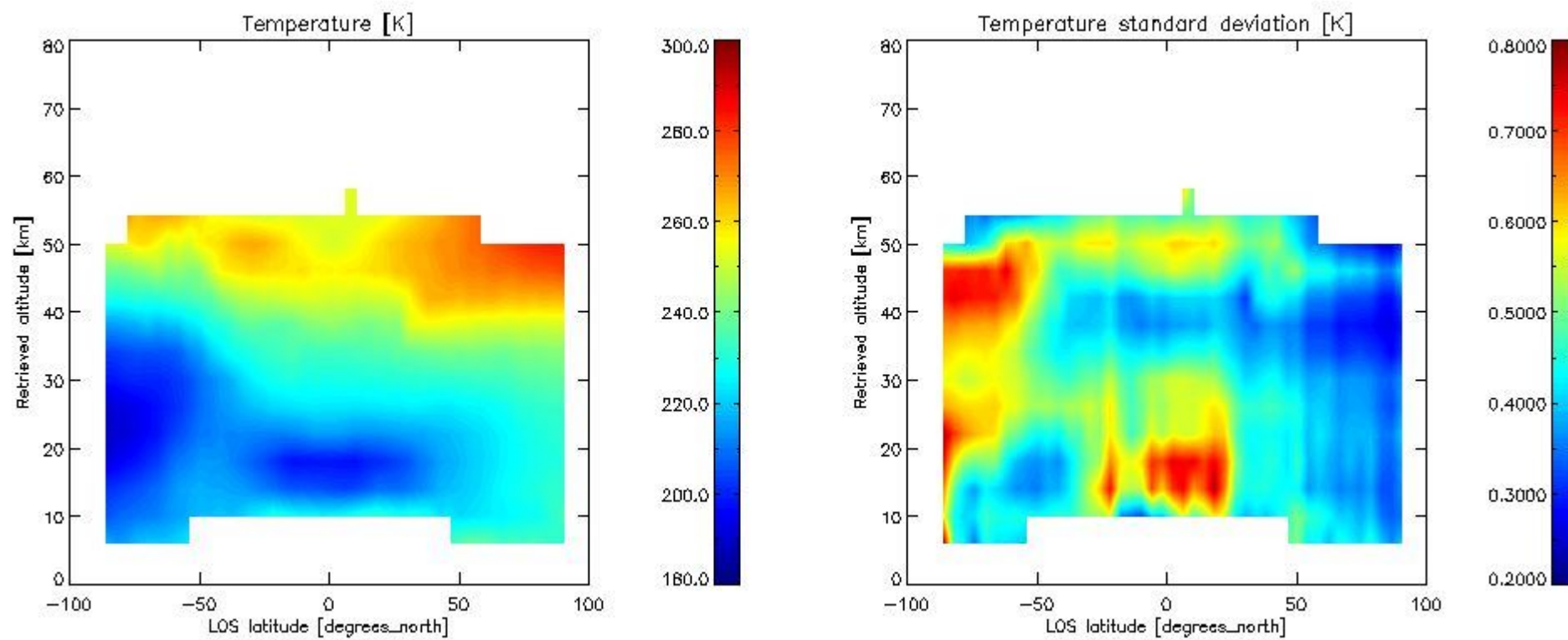
2.2.2 Pressure overview

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



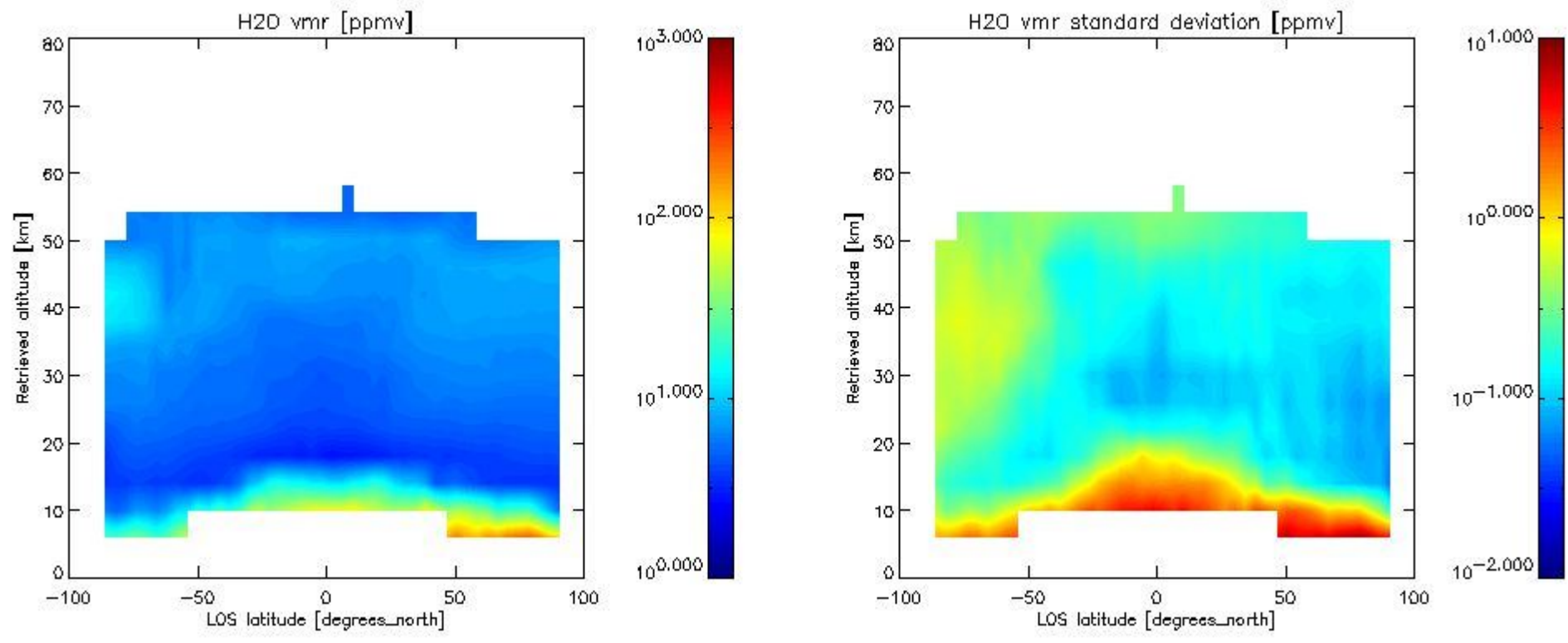
2.2.3 Temperature overview

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

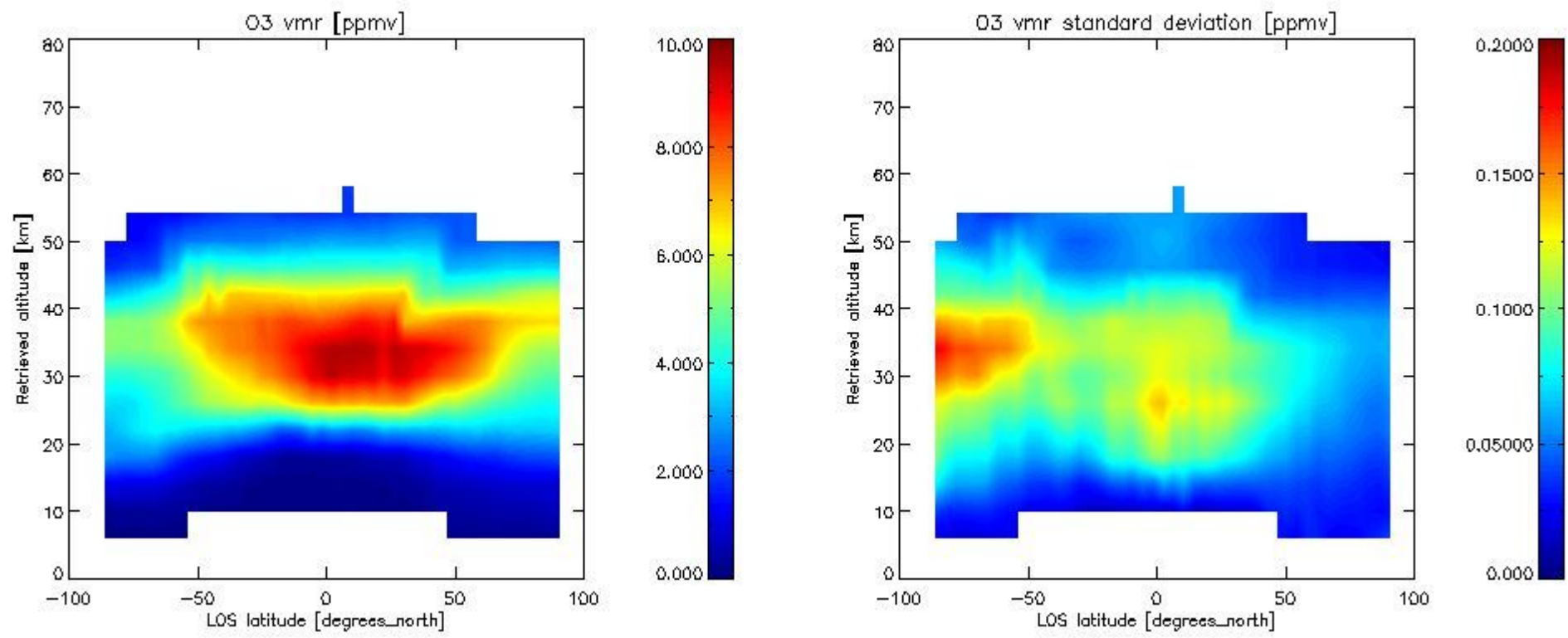


2.2.4 Species overview

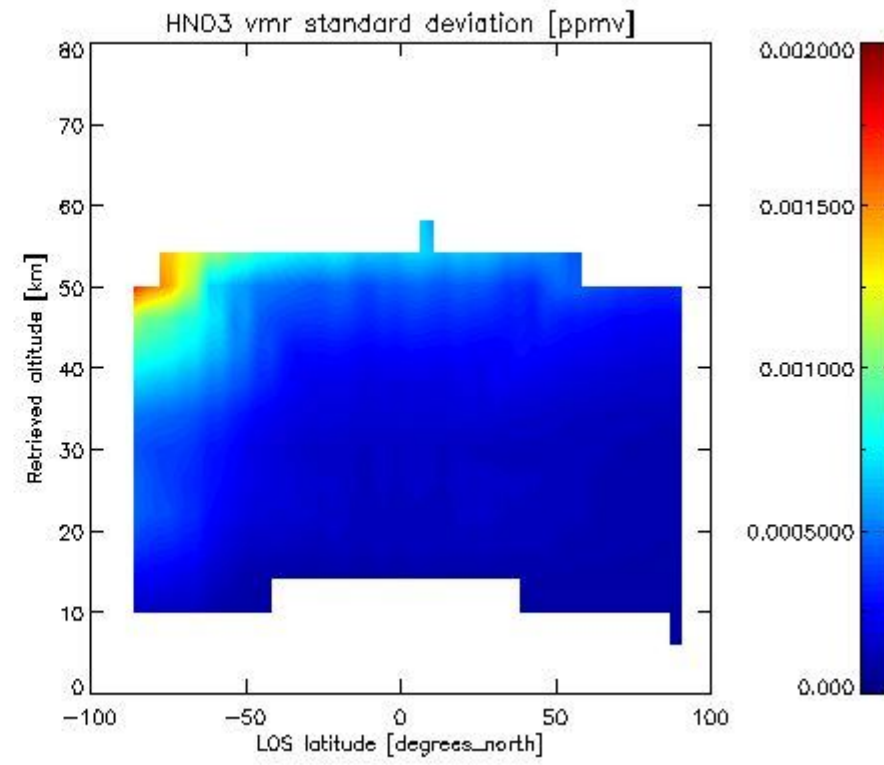
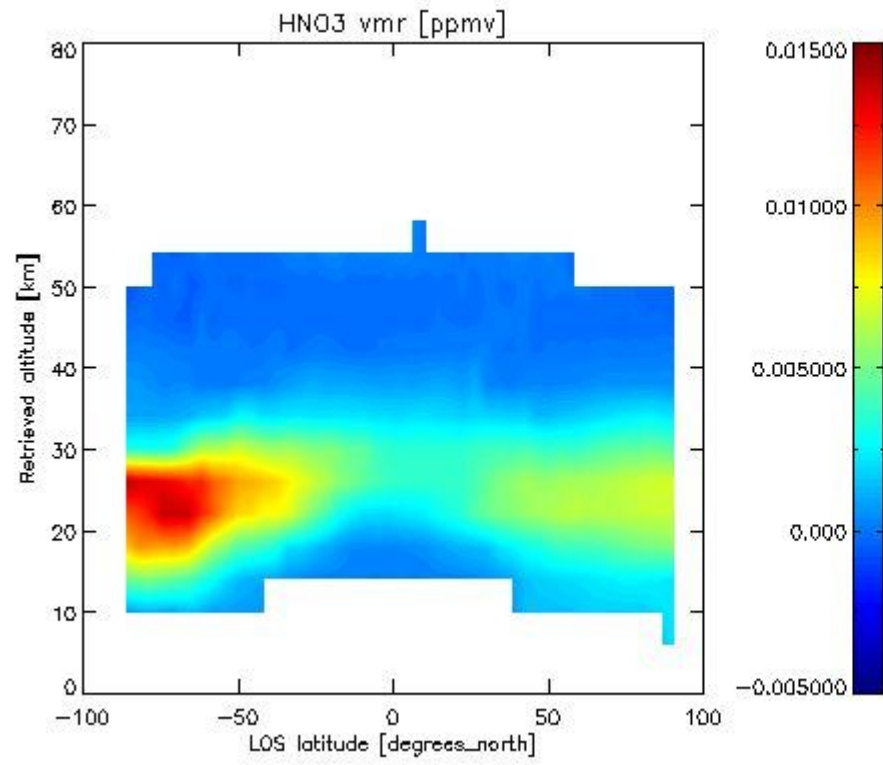
2.2.4.1 H2O overview This section shows values (left) and error (right) for H2O after binning individual sweep values over retrieved altitude and tangent latitude.



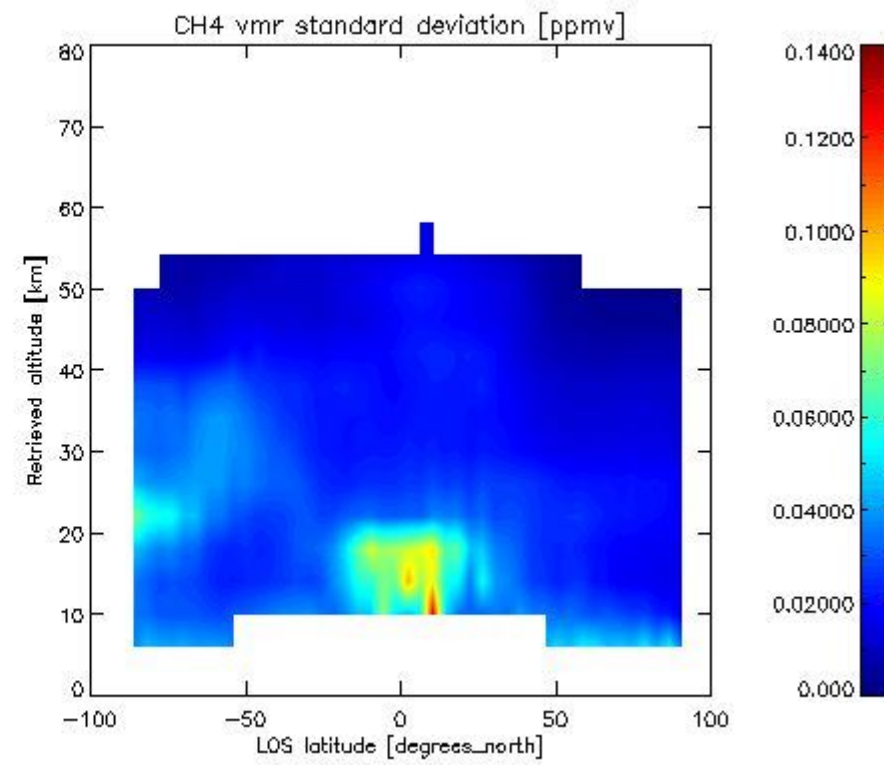
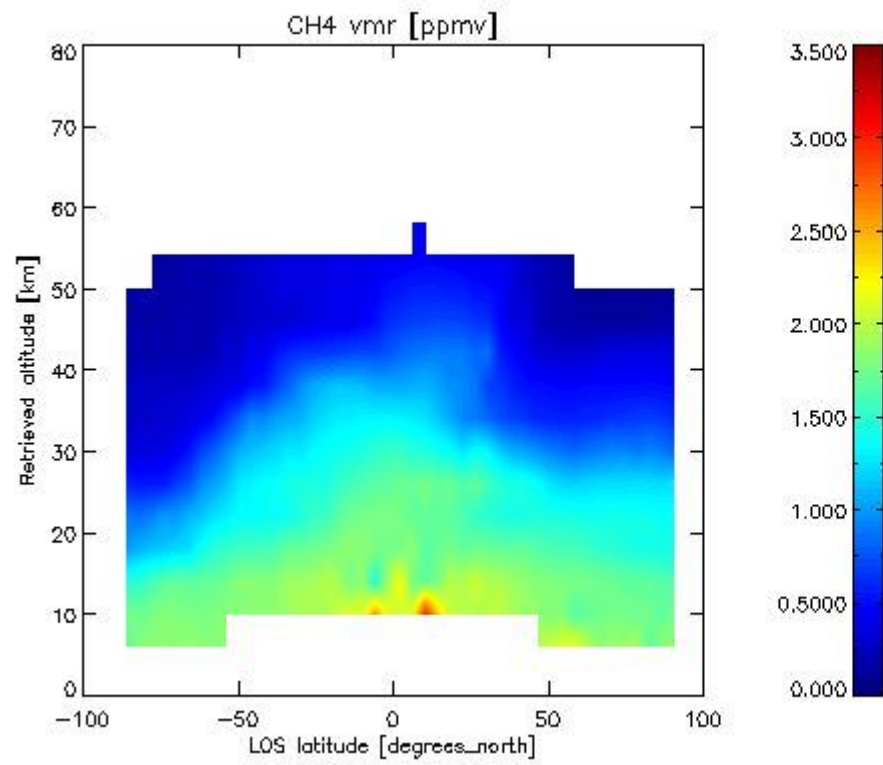
2.2.4.2 O3 overview This section shows values (left) and error (right) for O3 after binning individual sweep values over retrieved altitude and tangent latitude.



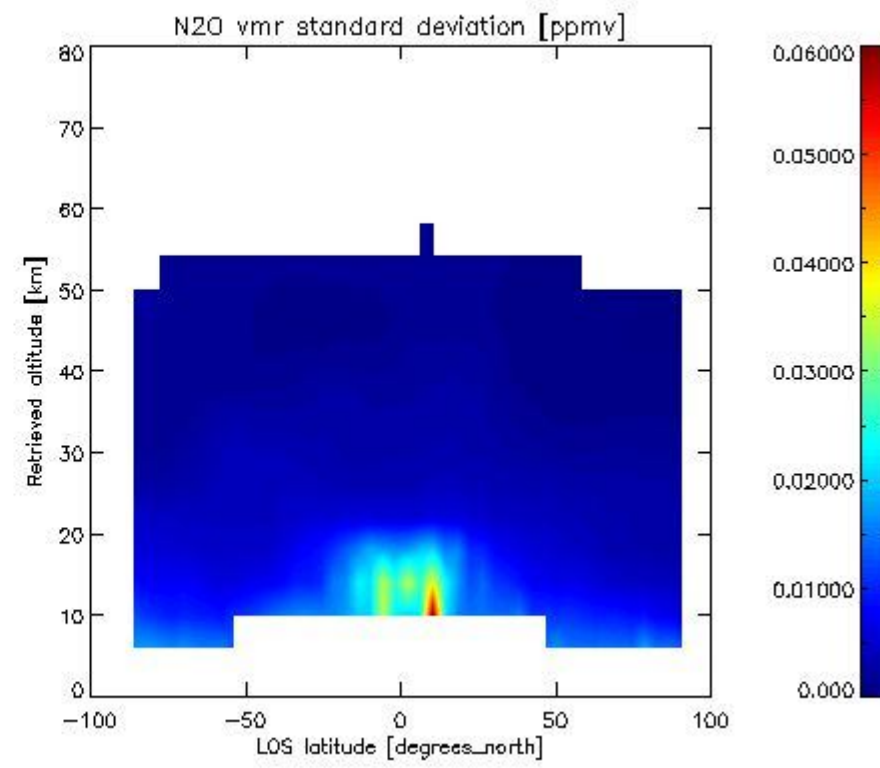
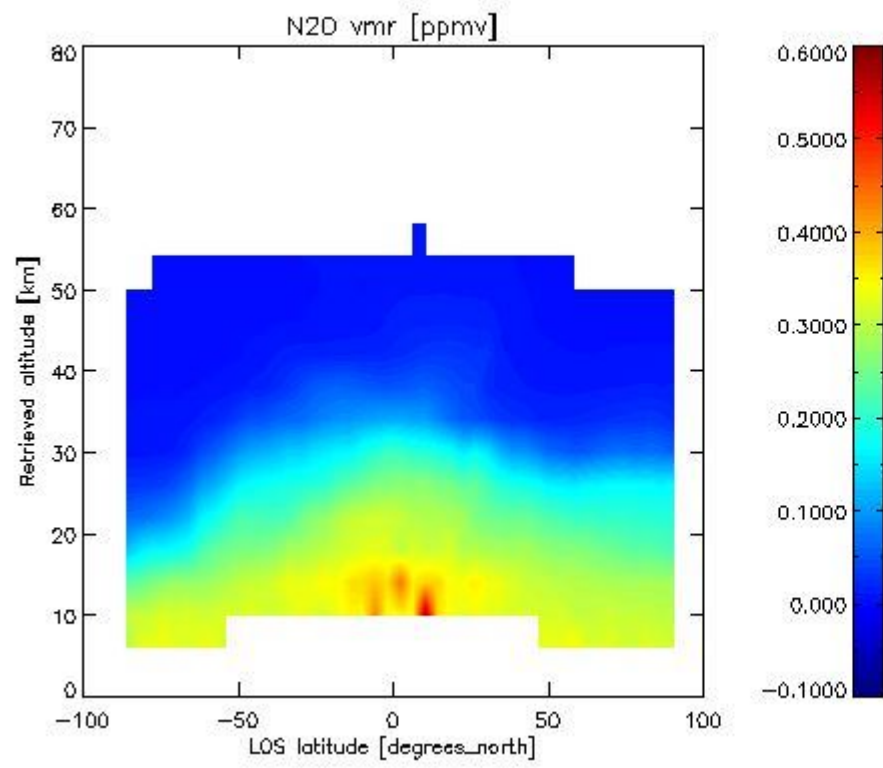
2.2.4.3 HNO3 overview This section shows values (left) and error (right) for HNO3 after binning individual sweep values over retrieved altitude and tangent latitude.



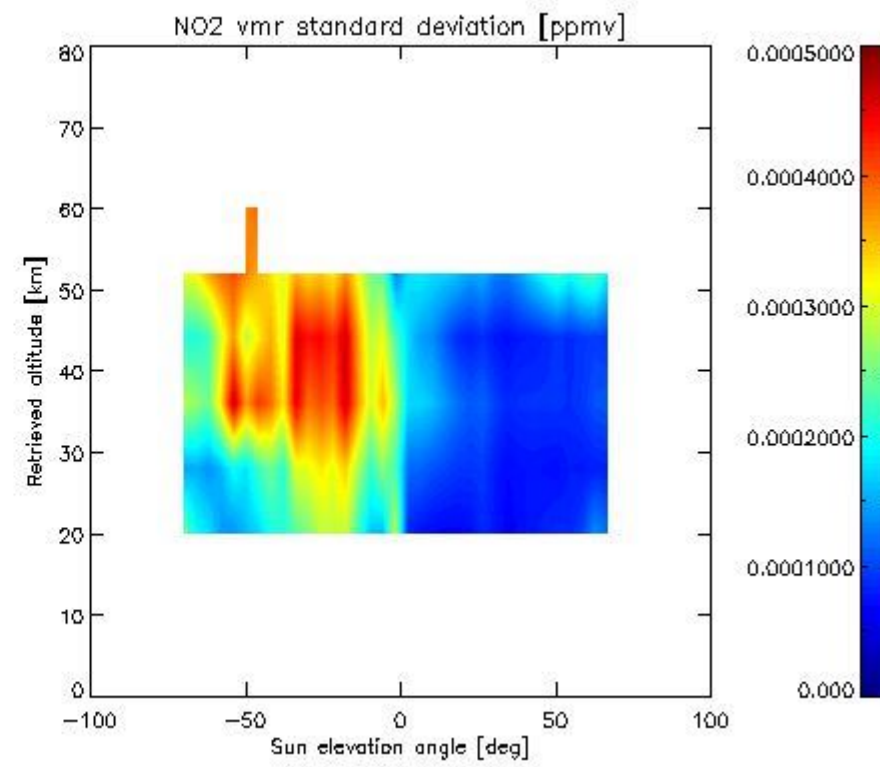
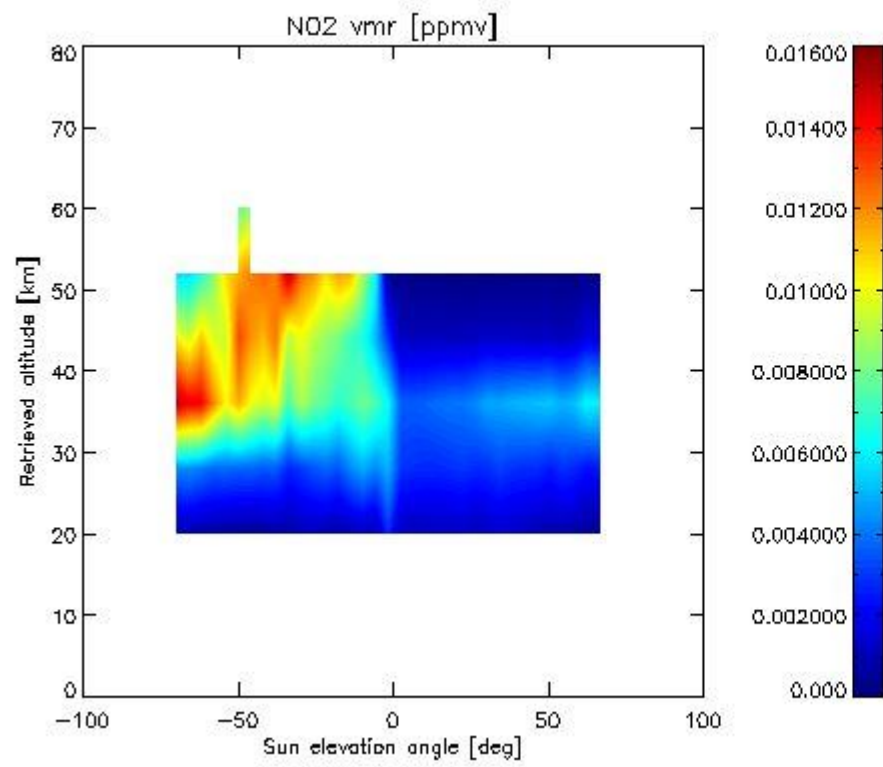
2.2.4.4 CH4 overview This section shows values (left) and error (right) for CH4 after binning individual sweep values over retrieved altitude and tangent latitude.



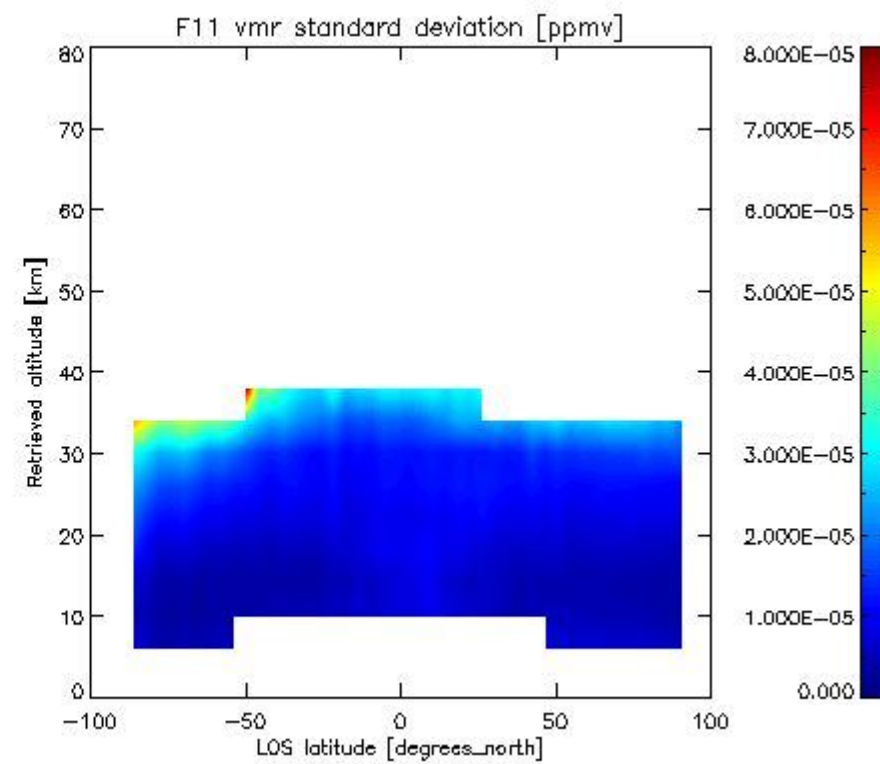
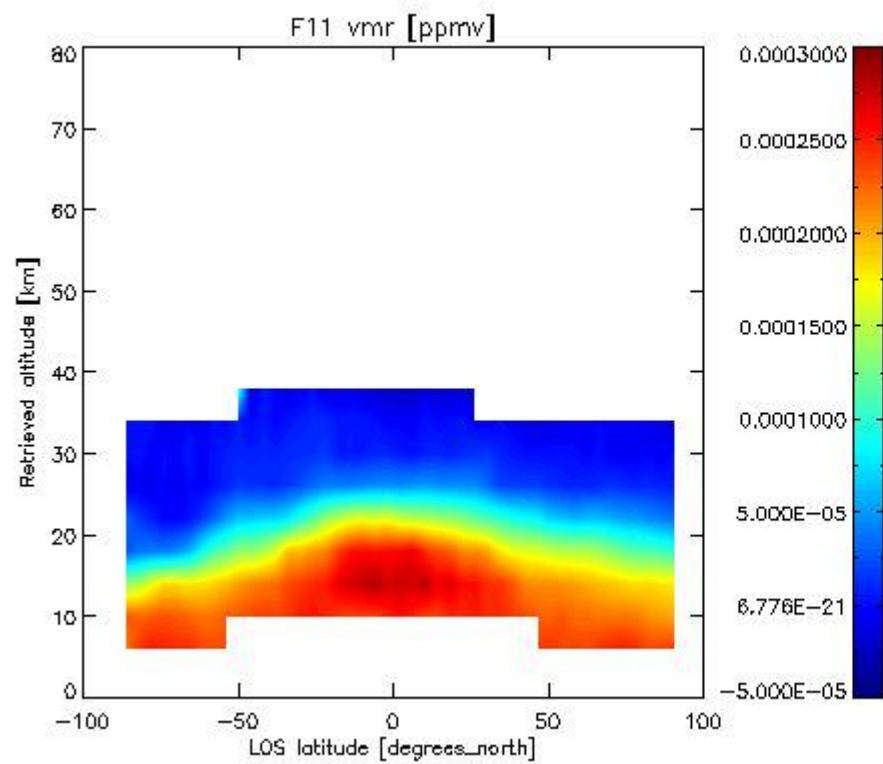
2.2.4.5 N2O overview This section shows values (left) and error (right) for N2O after binning individual sweep values over retrieved altitude and tangent latitude.



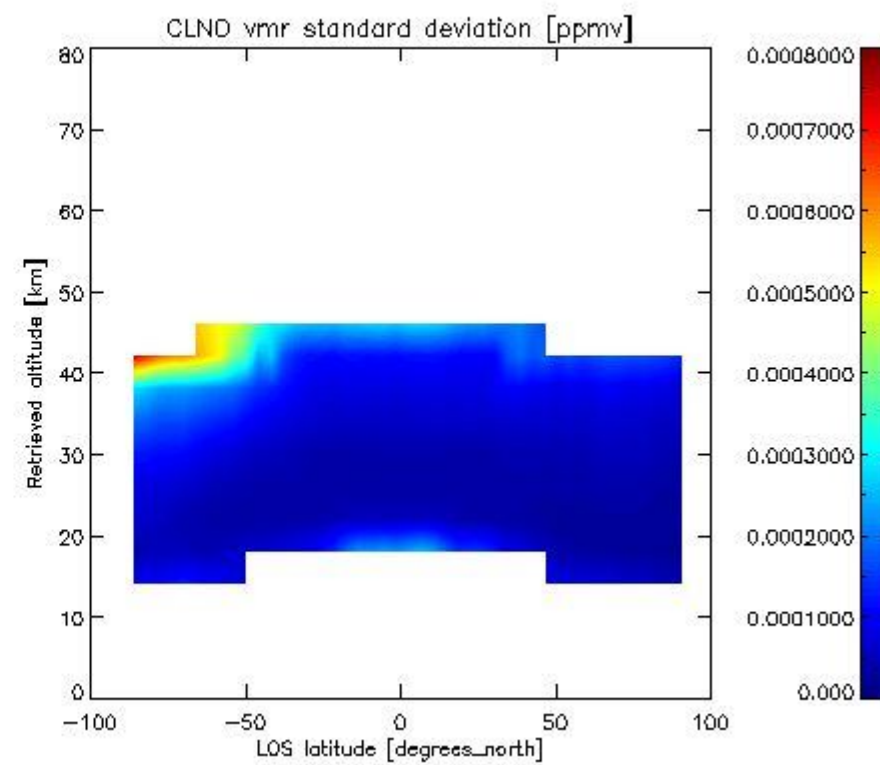
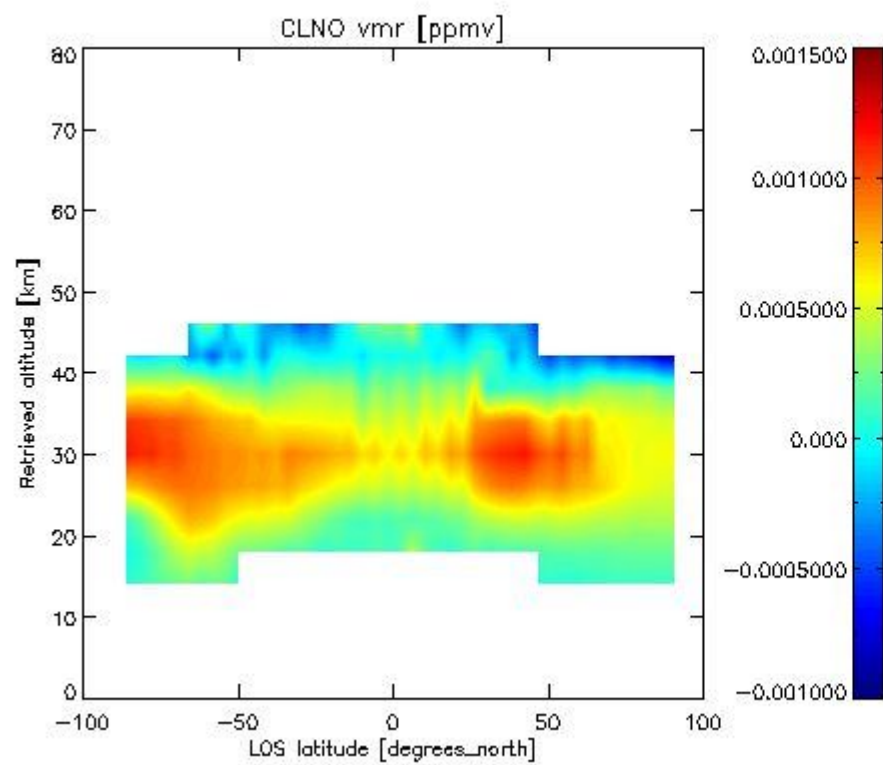
2.2.4.6 NO₂ overview This section shows values (left) and error (right) for NO₂ after binning individual sweep values over retrieved altitude and Sun Elevation Angle. Note that for NO₂ the bin heights are 6 km.

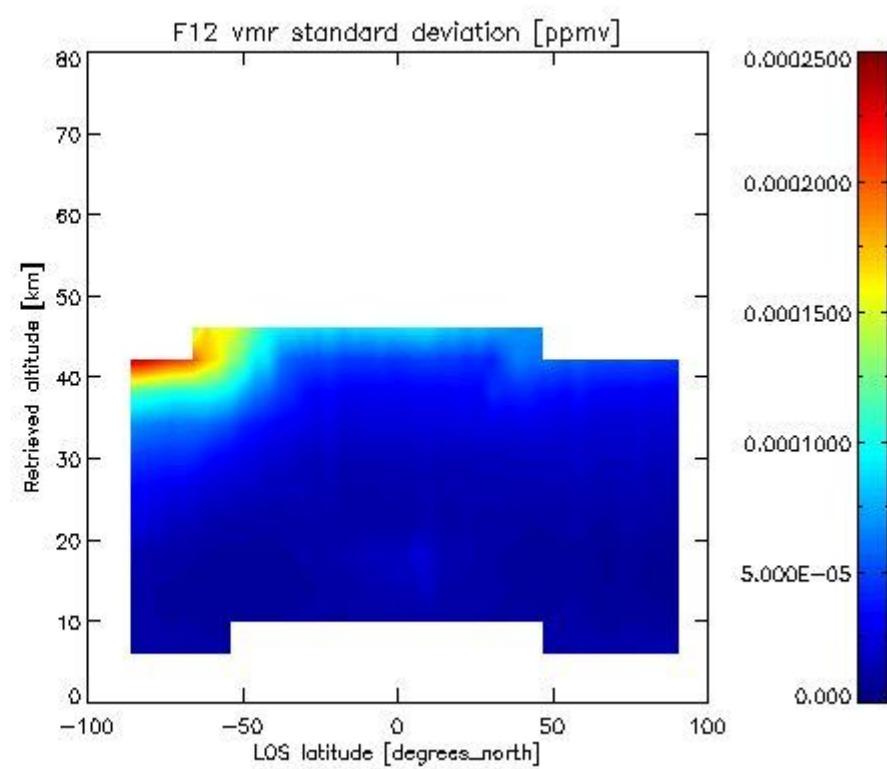
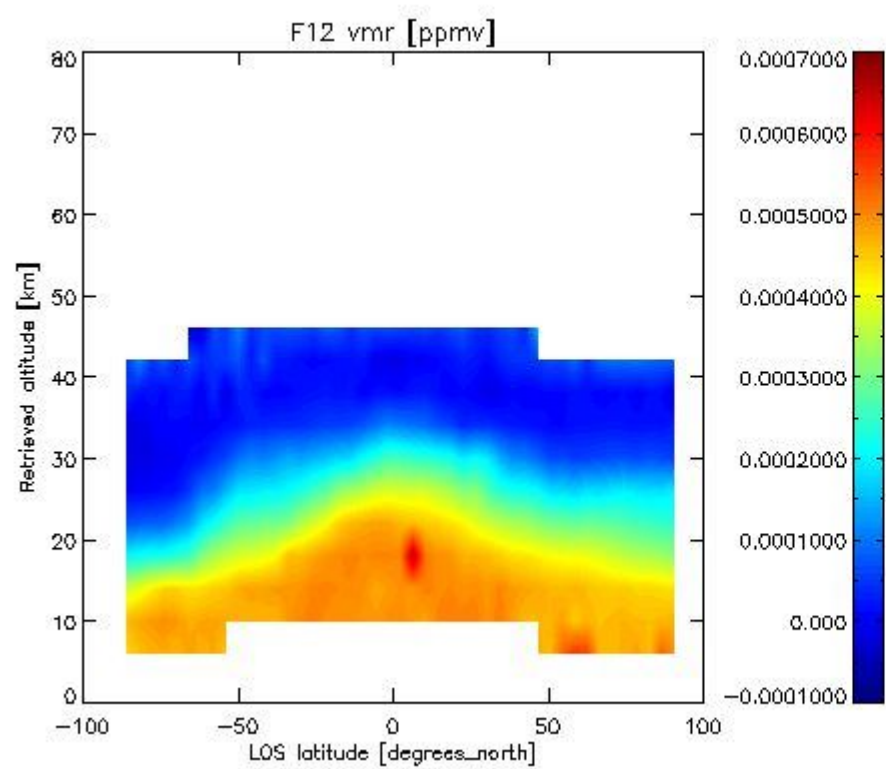
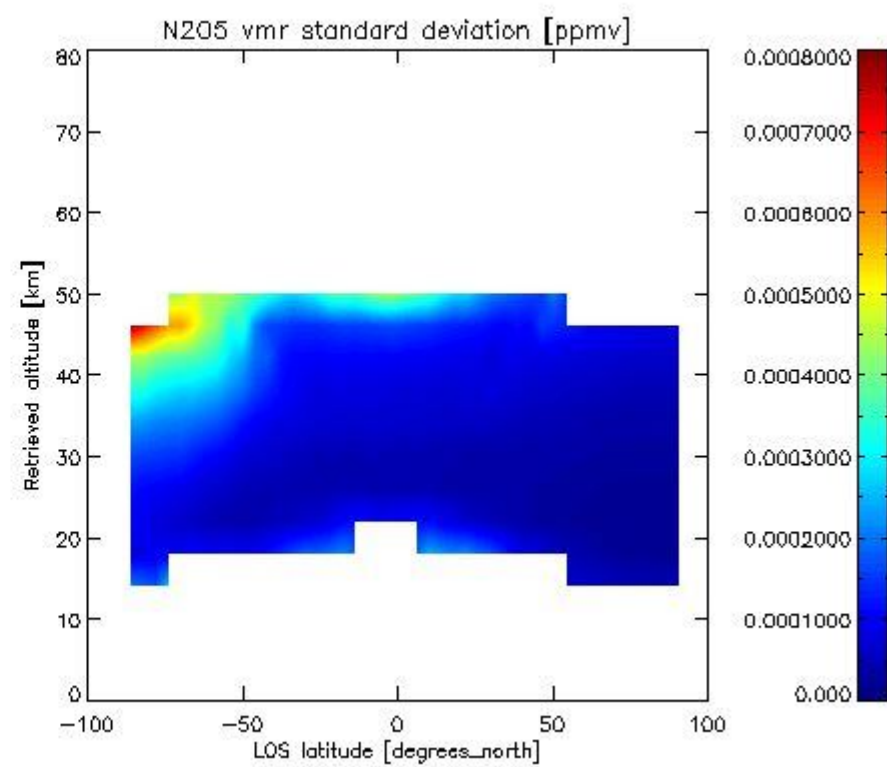
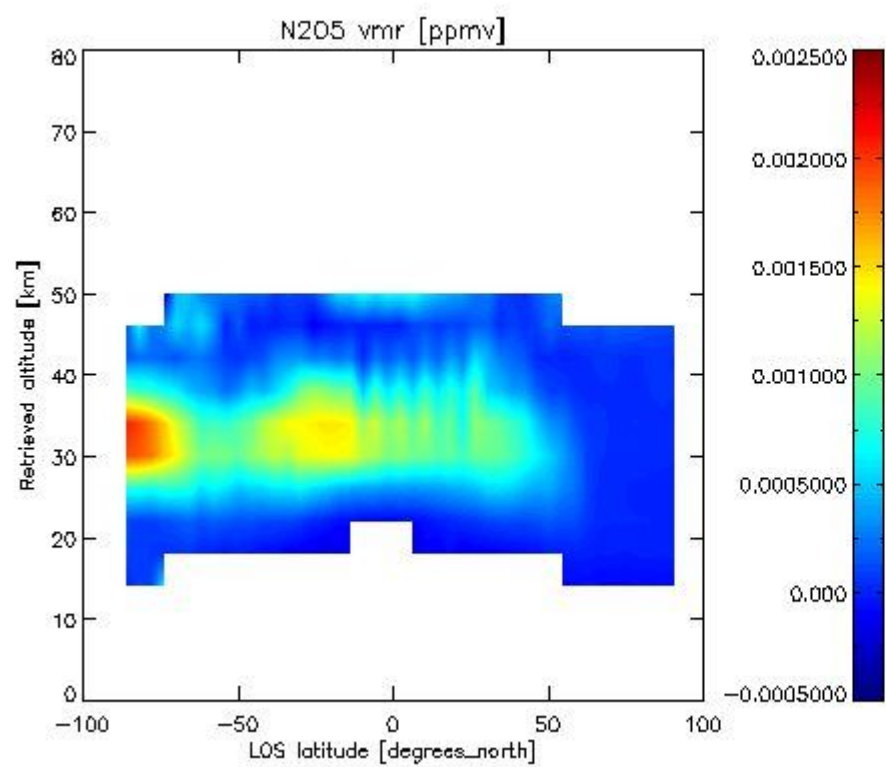


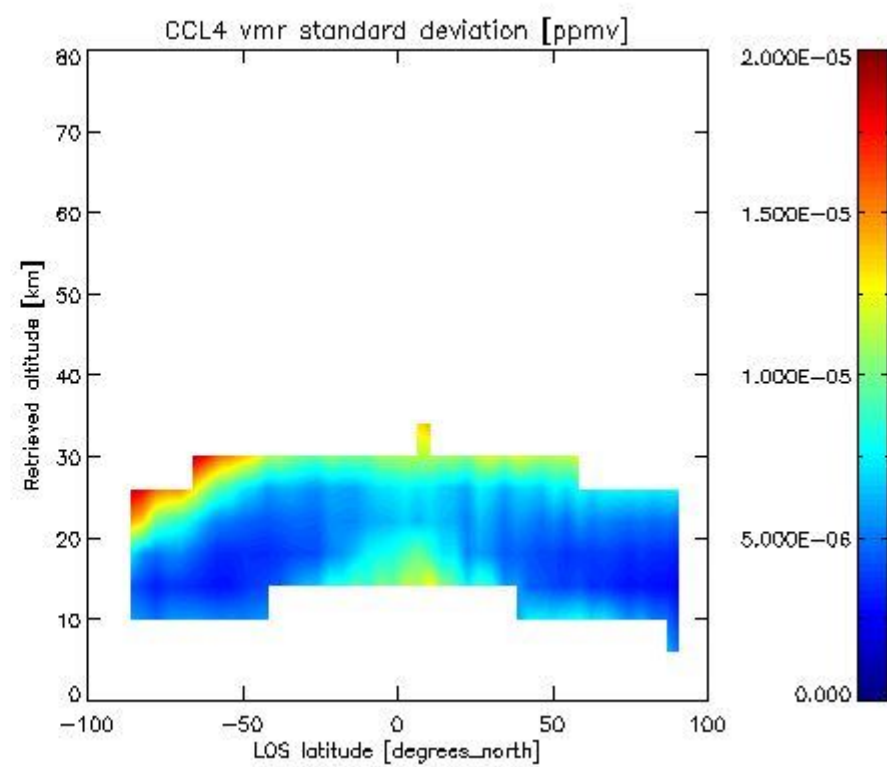
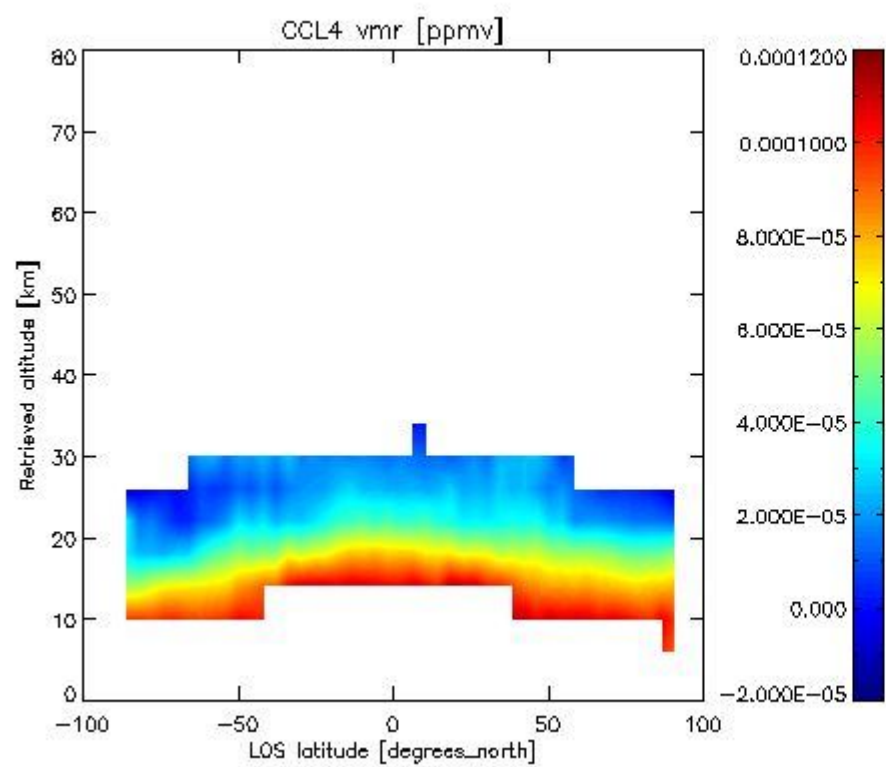
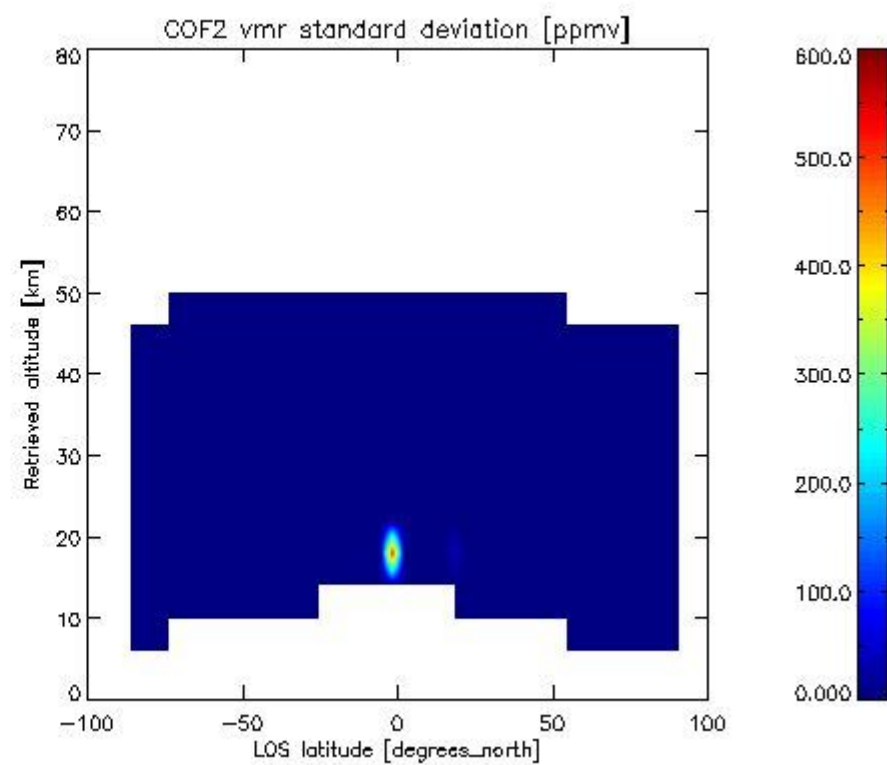
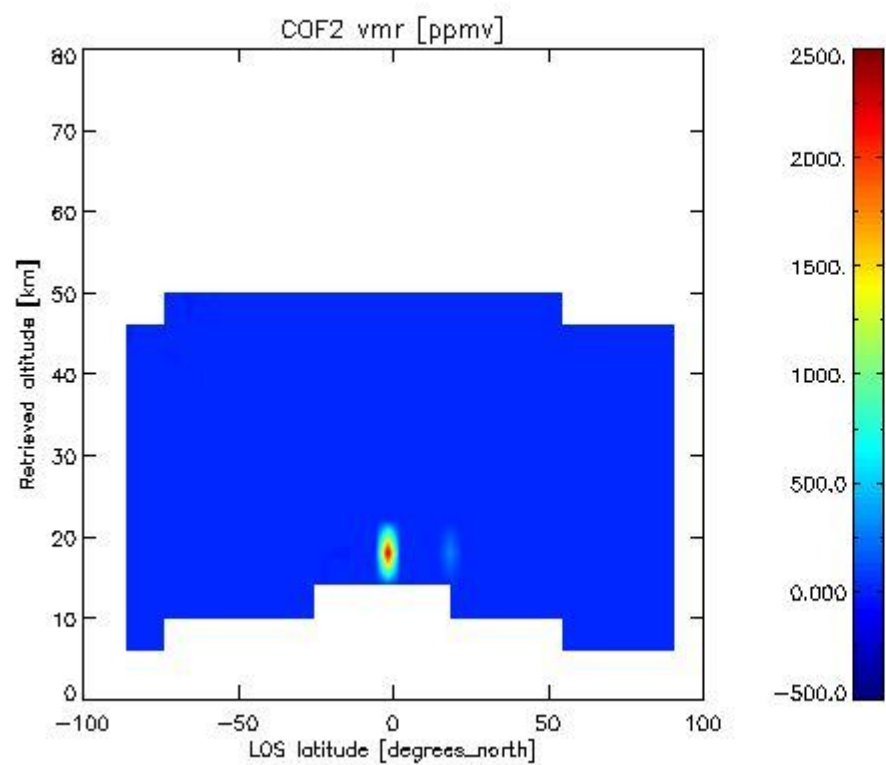
2.2.4.7 F11 overview This section shows values (left) and error (right) for F11 after binning individual sweep values over retrieved altitude and tangent latitude.

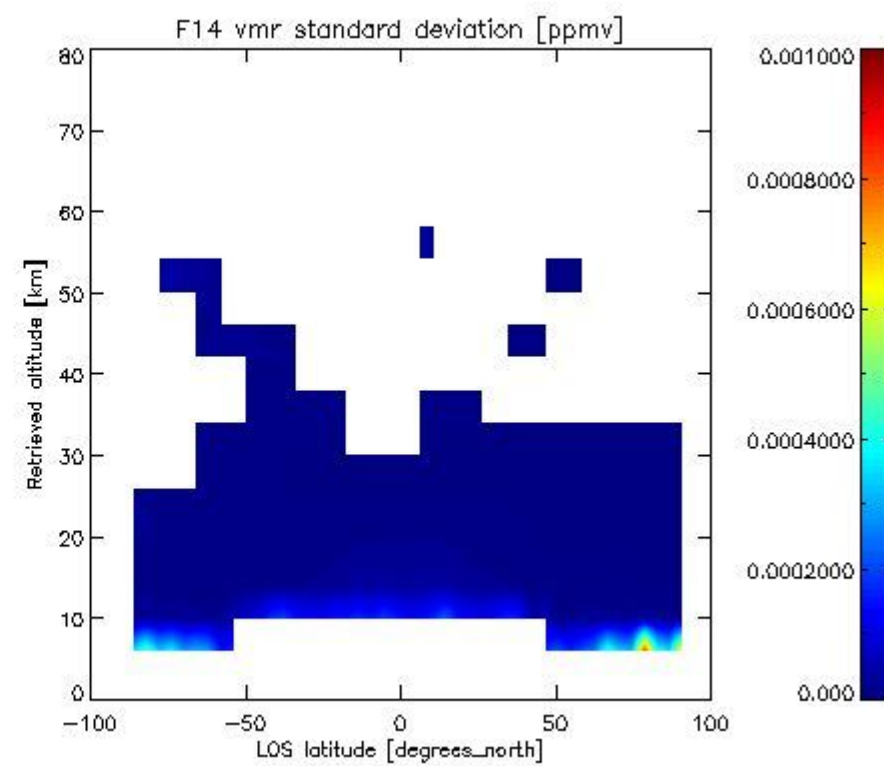
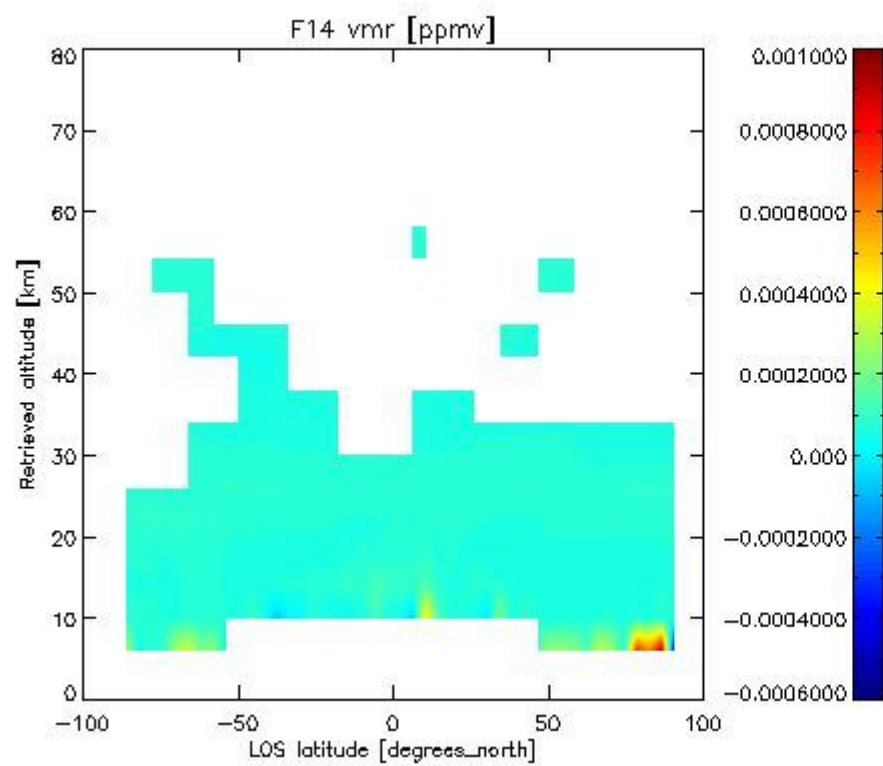
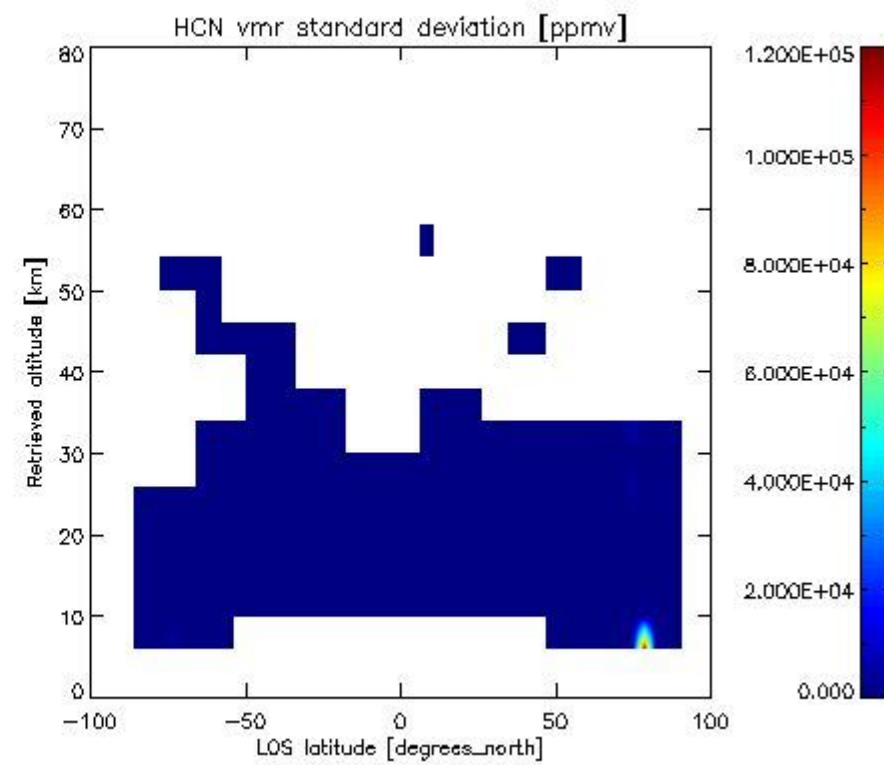
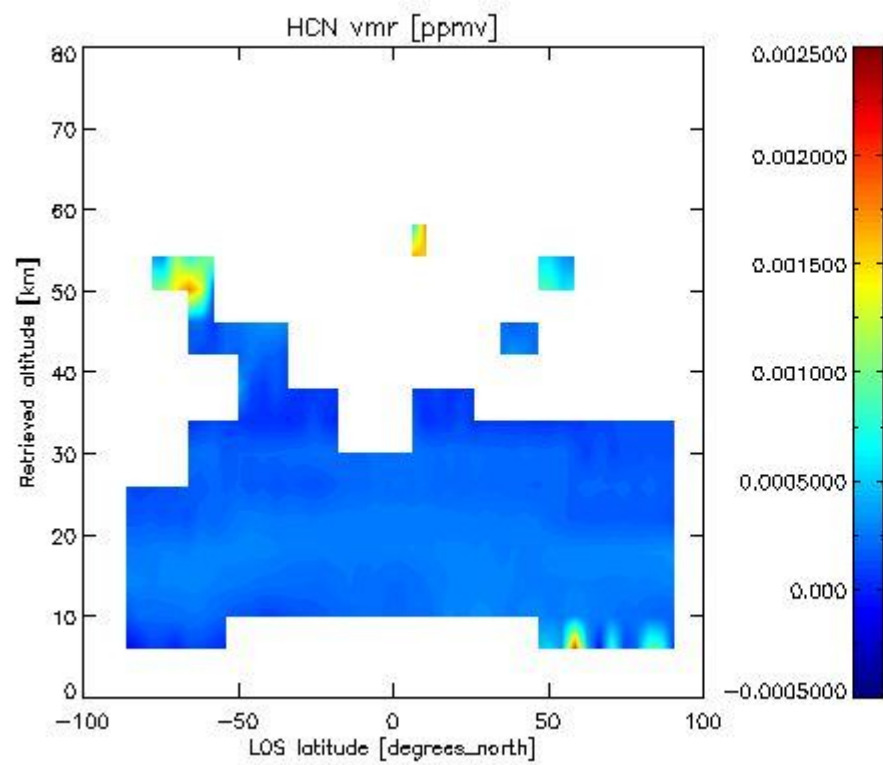


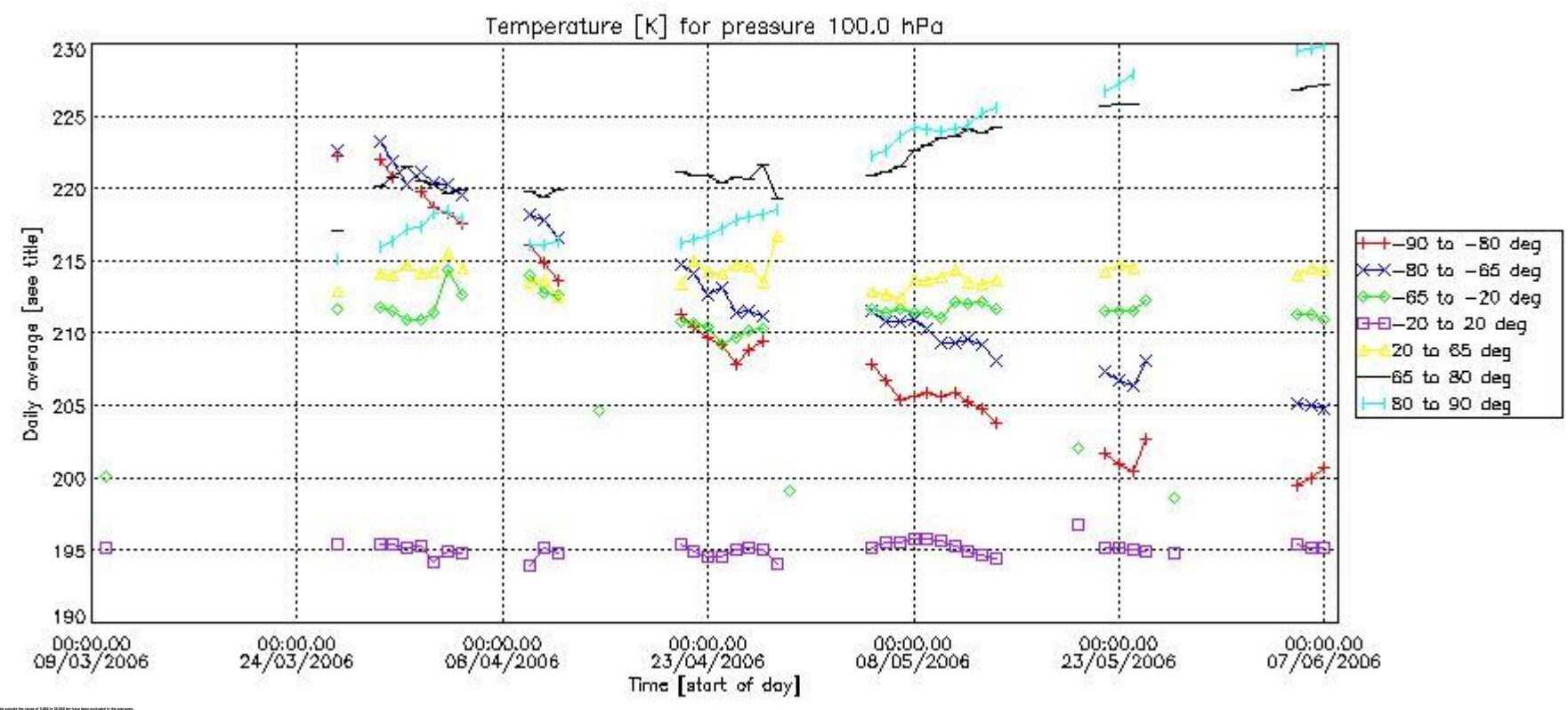
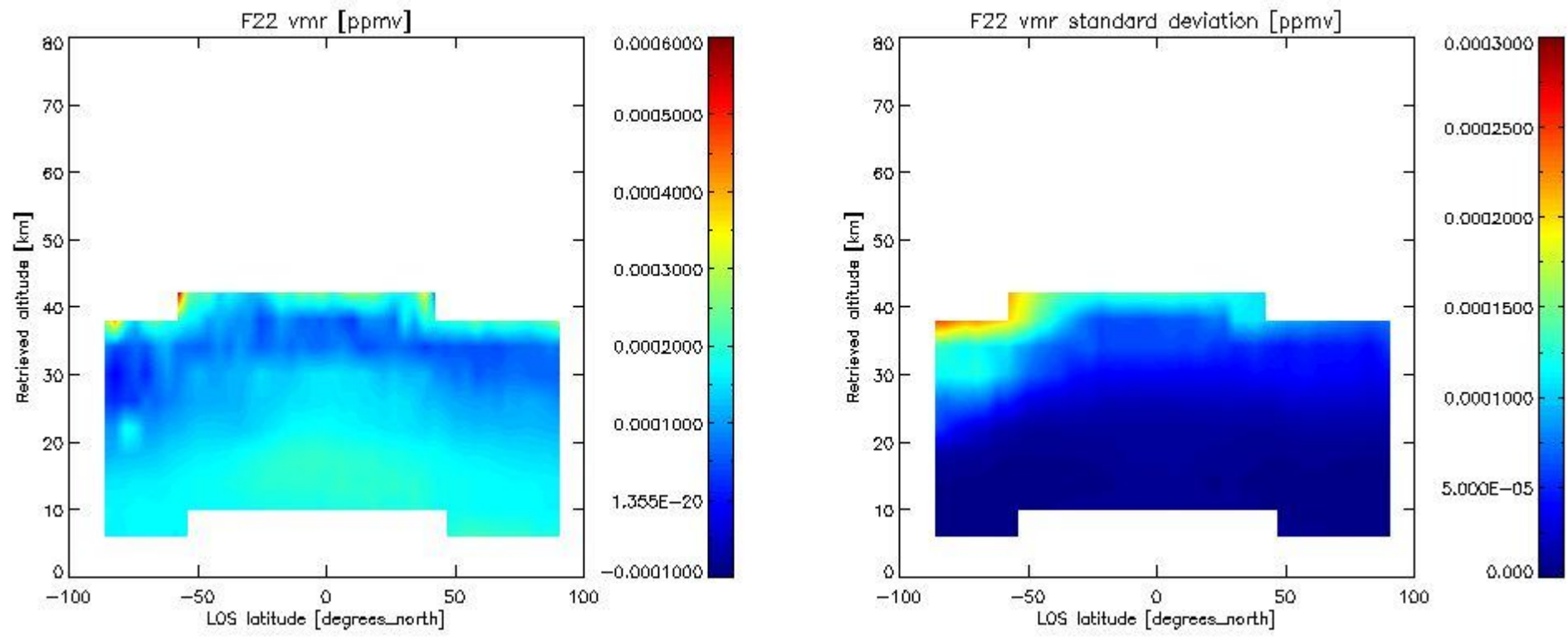
2.3.4 CLNO overview This section shows values (left) and error (right) for CLNO after binning individual sweep values over retrieved altitude and target latitude.

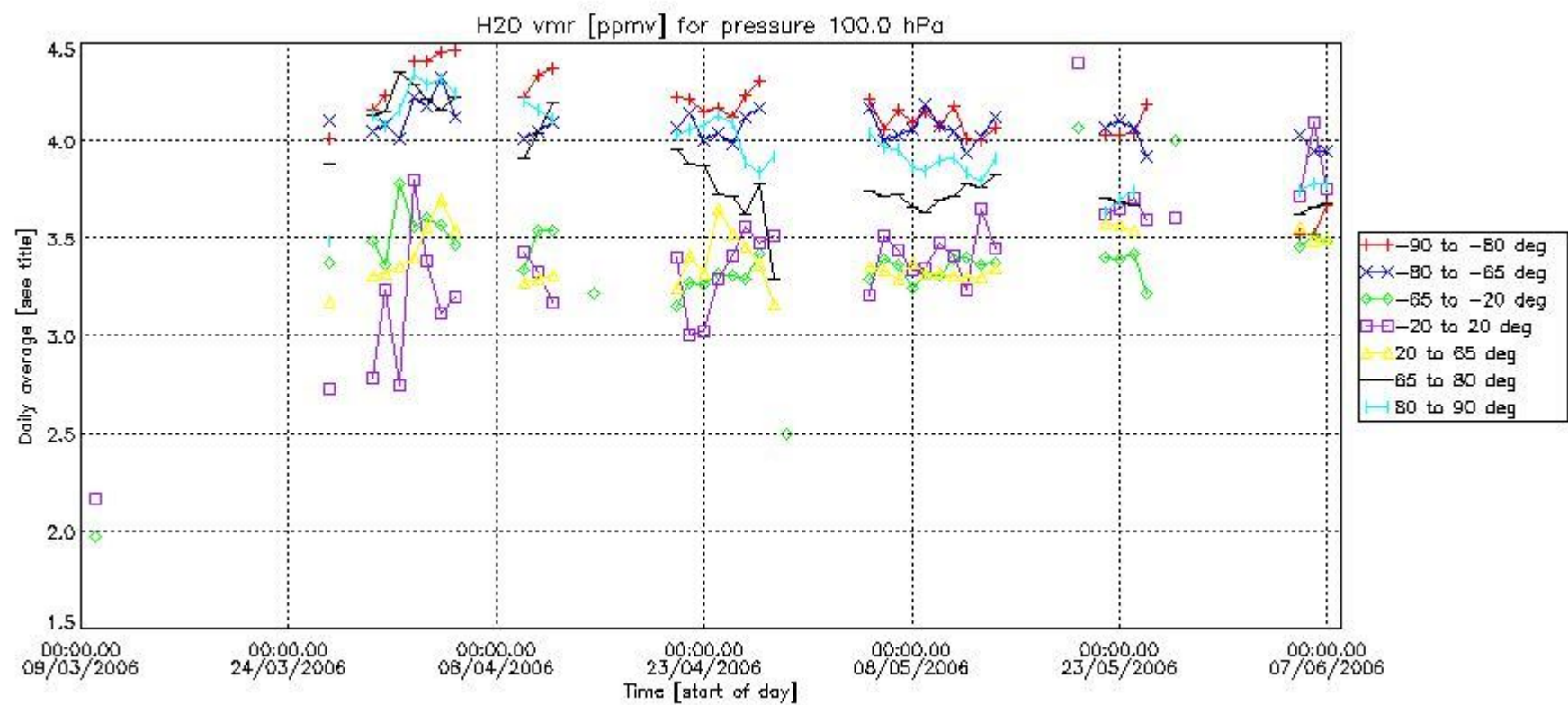
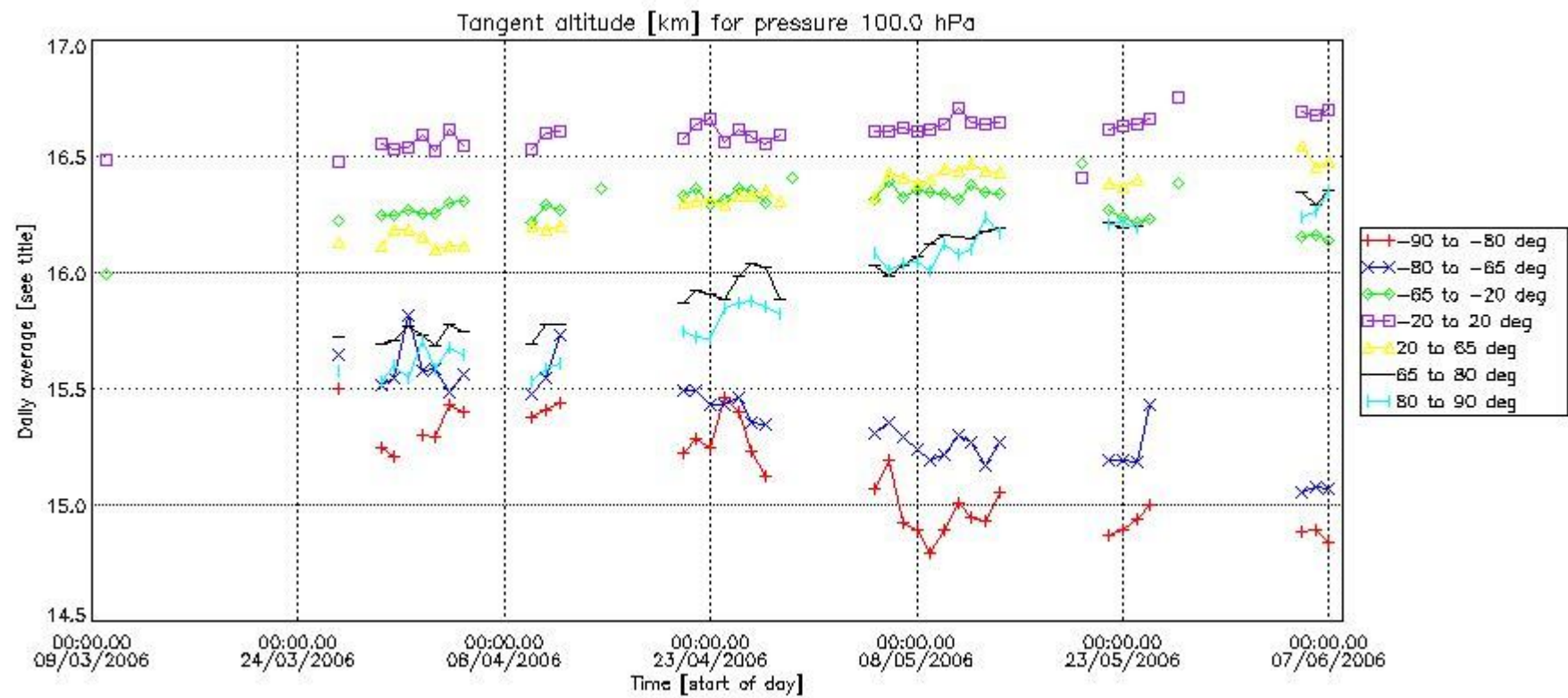


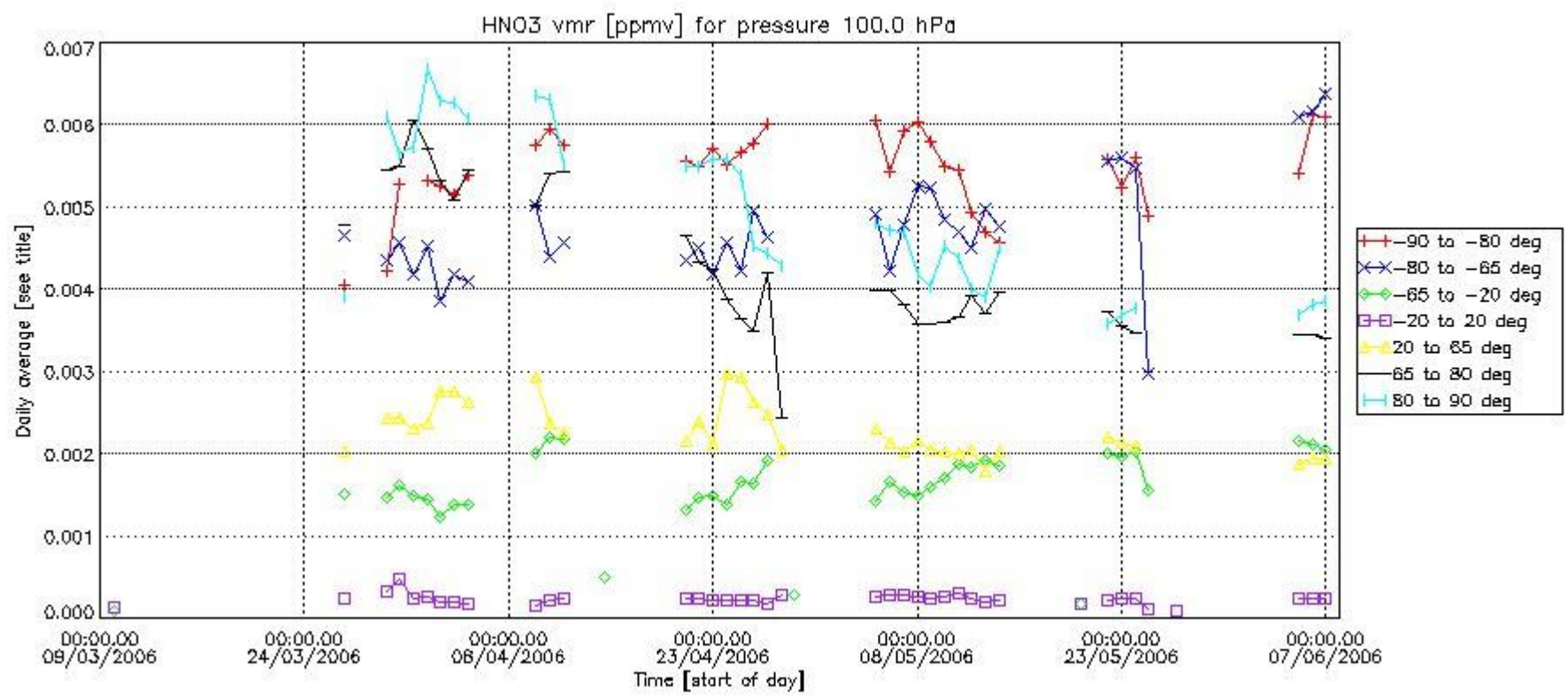
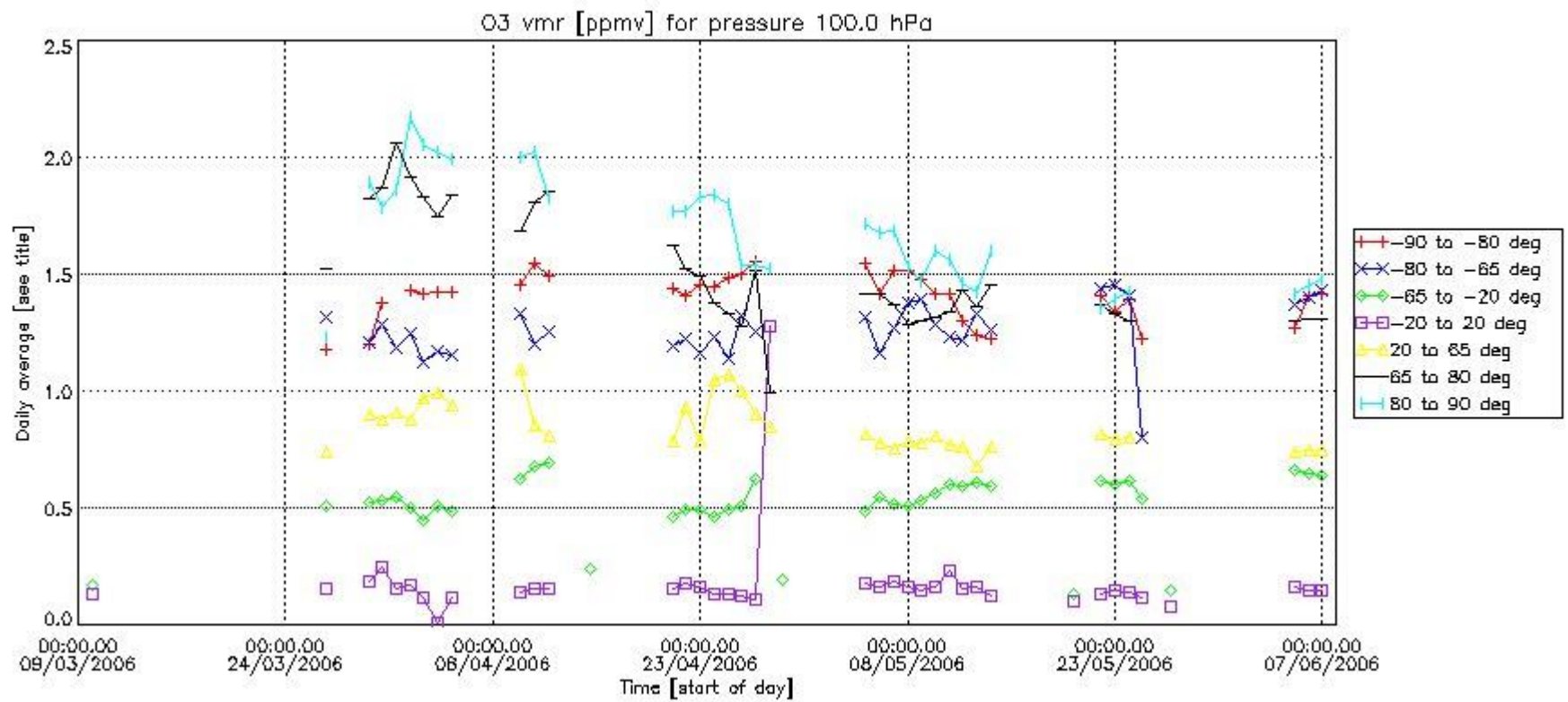


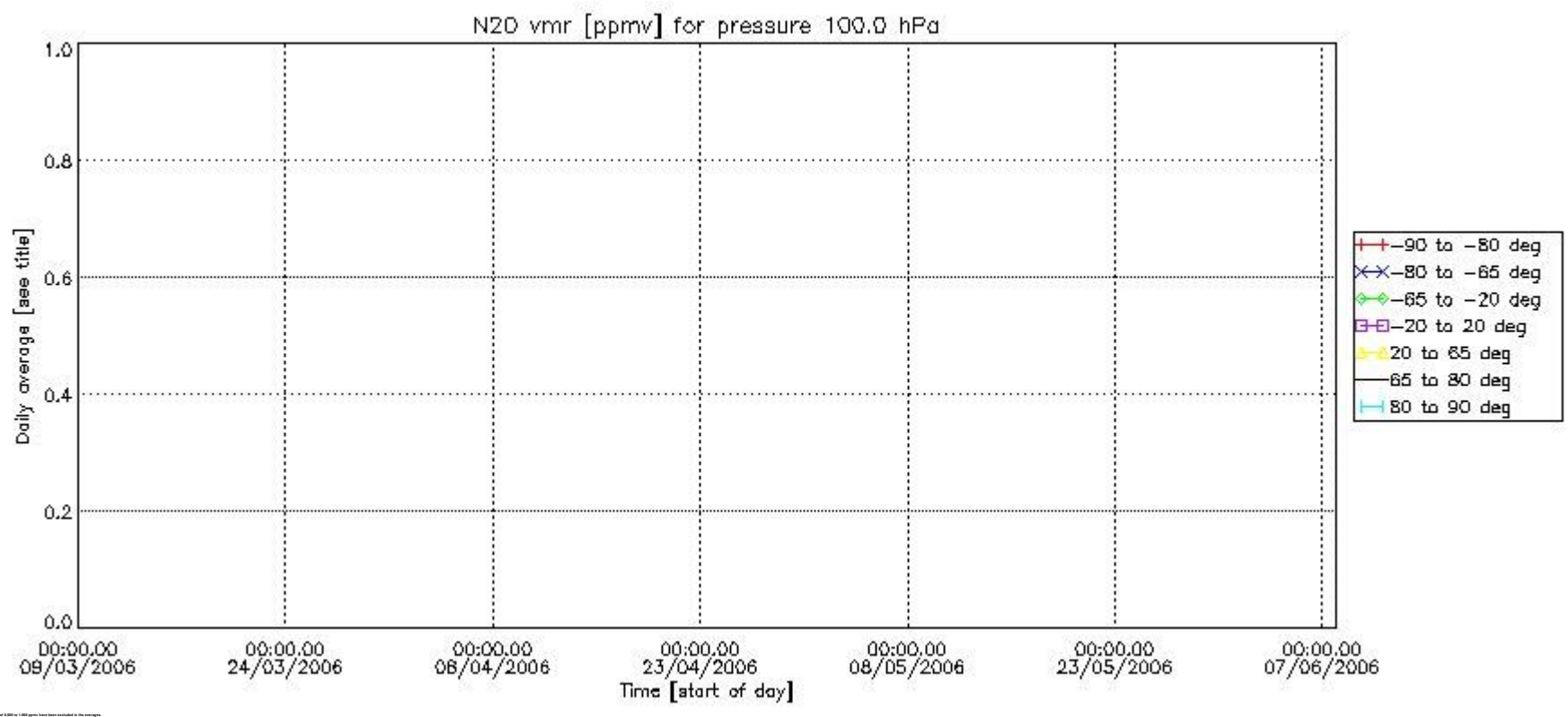
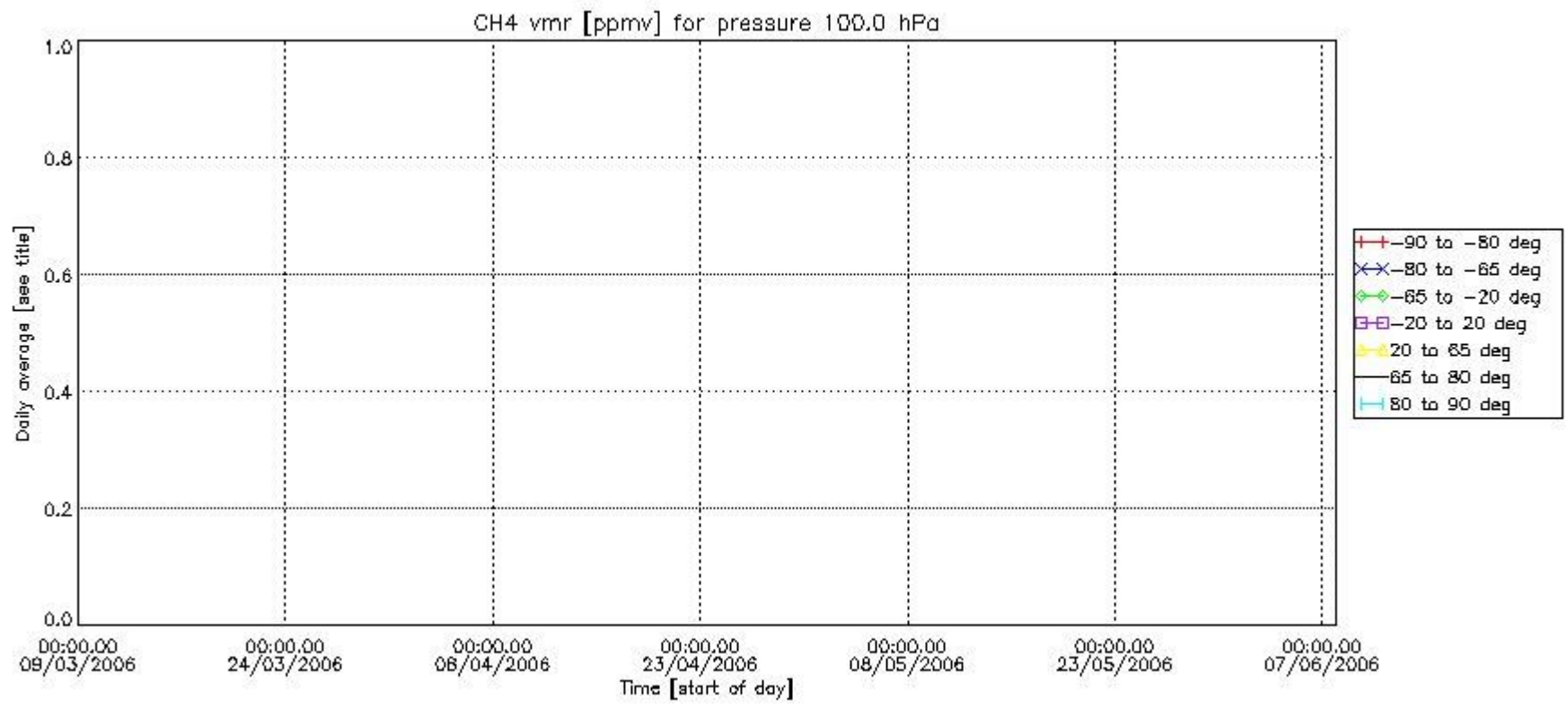


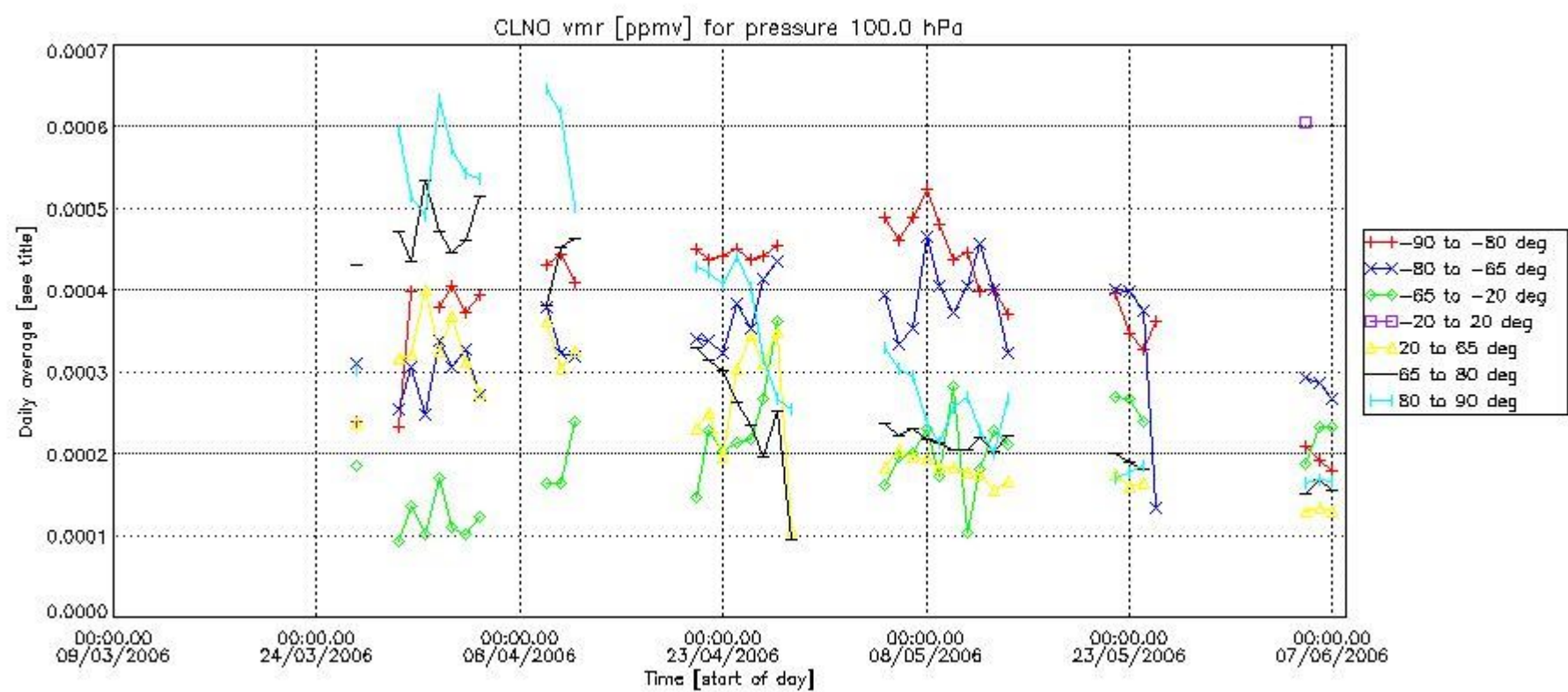
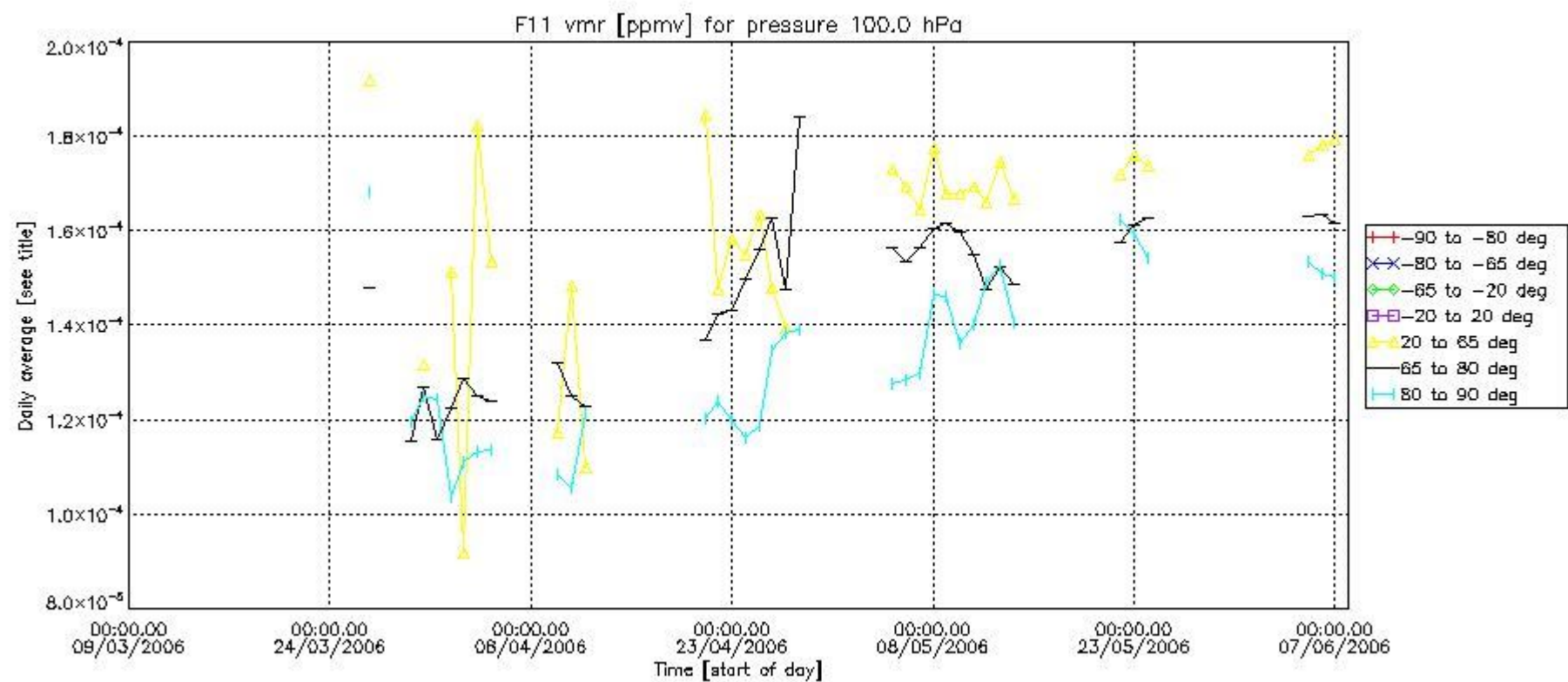


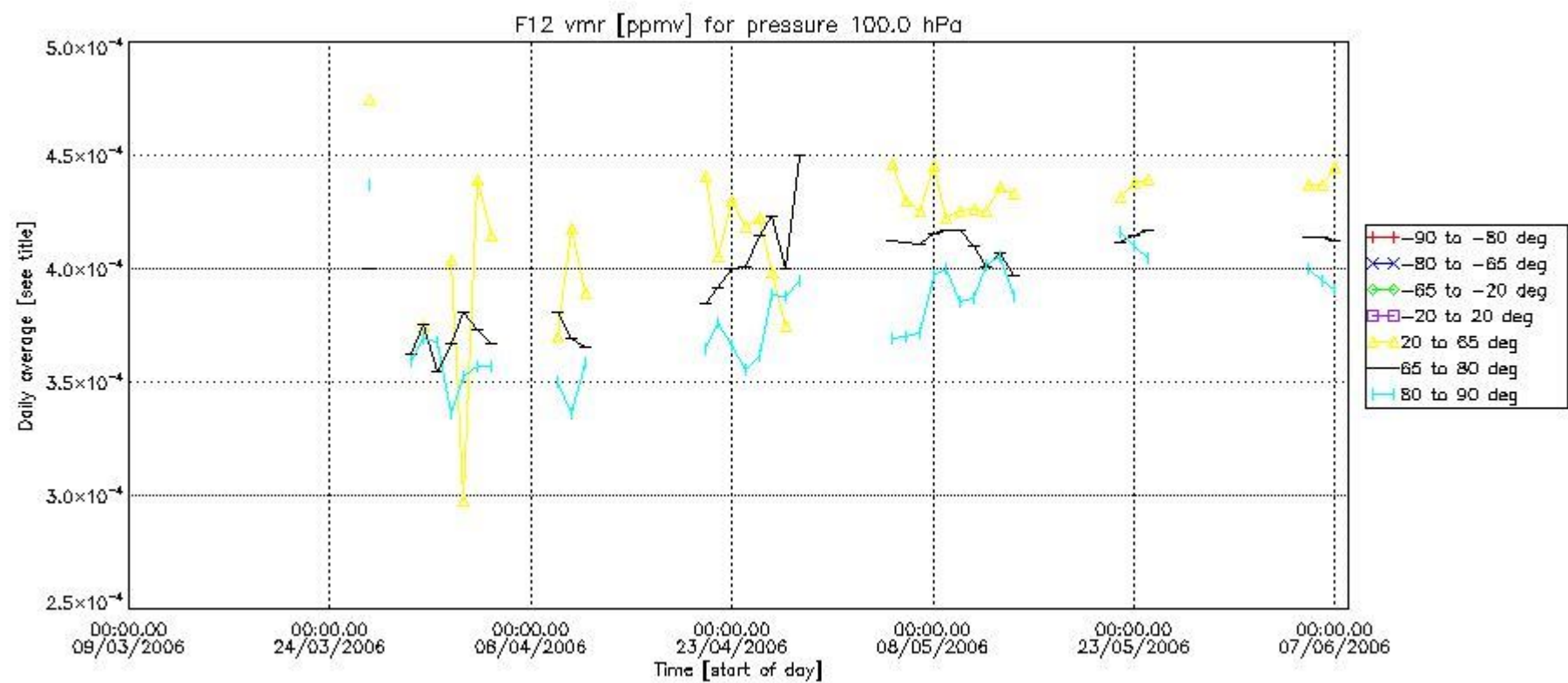
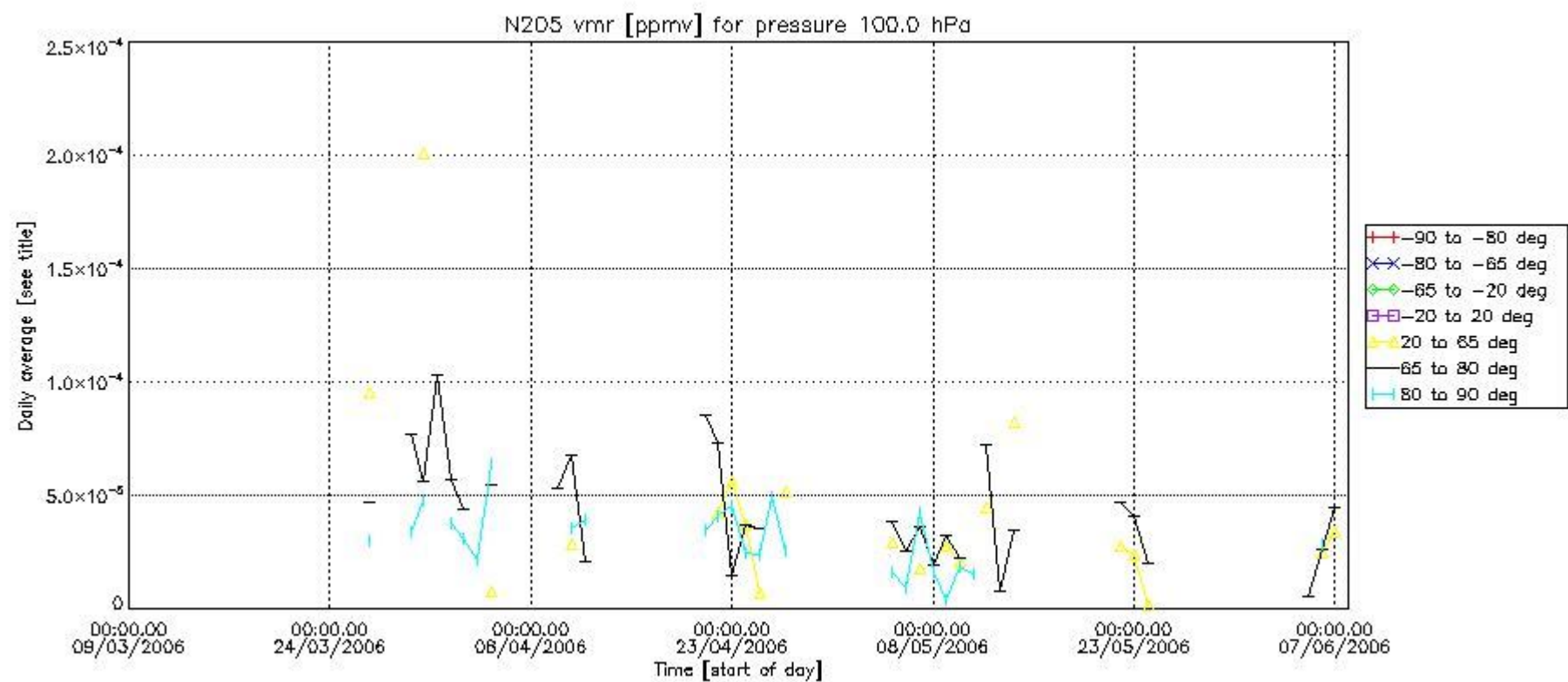


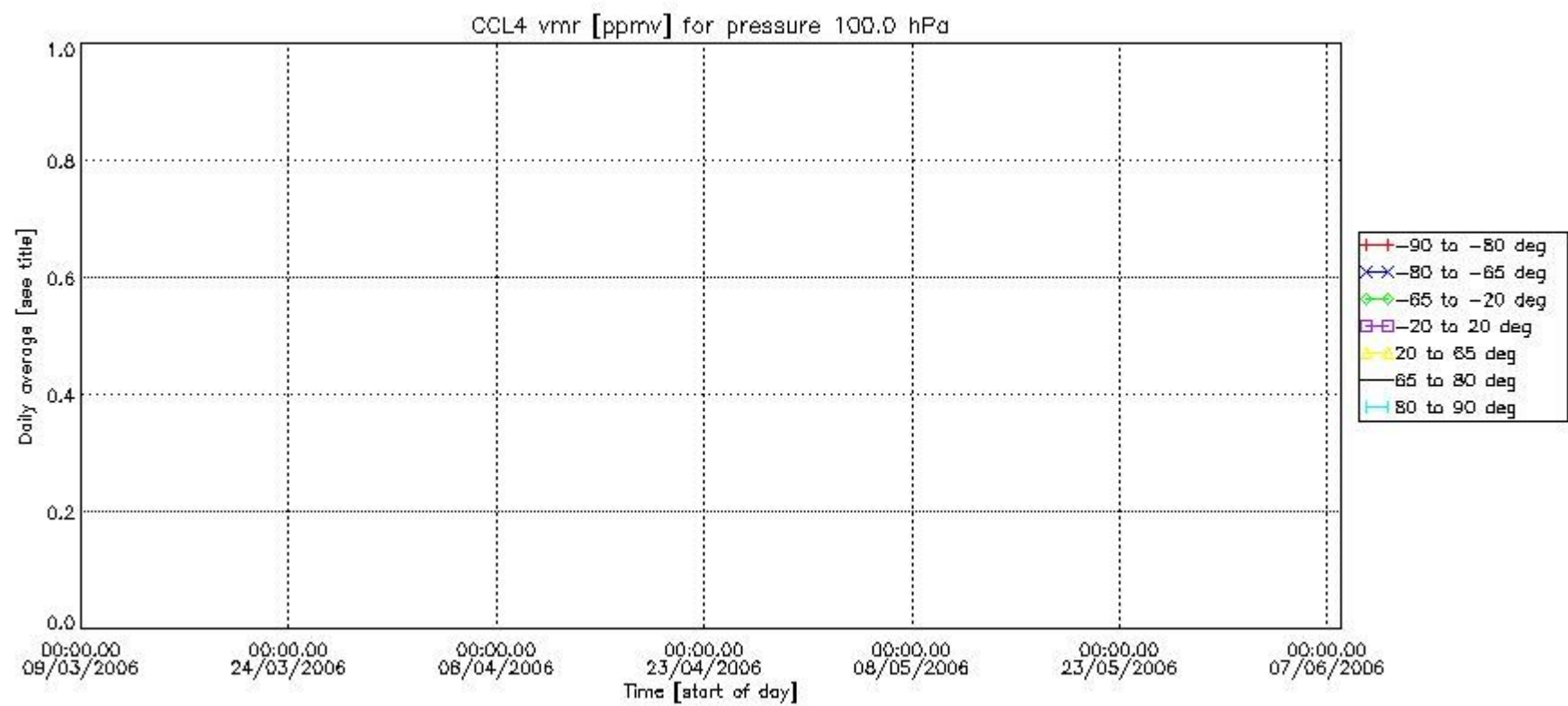
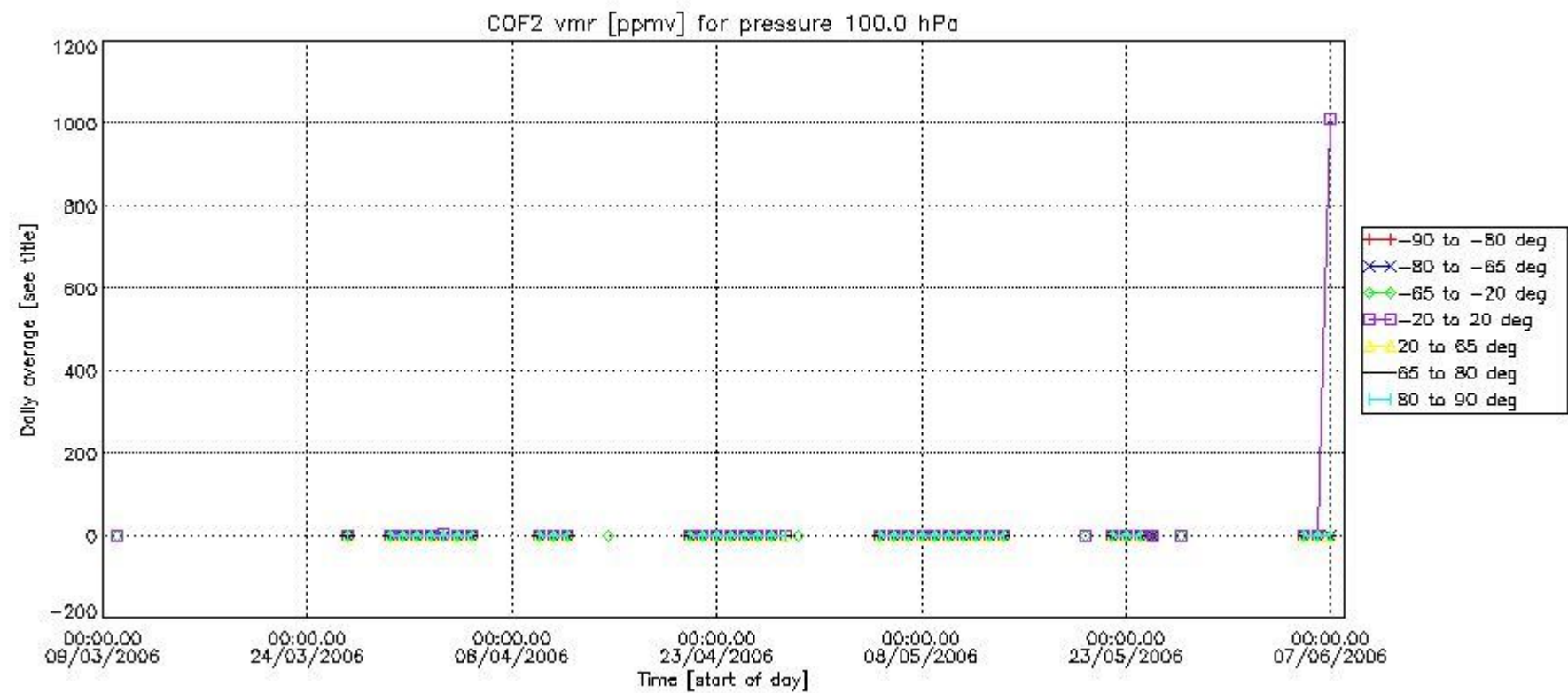


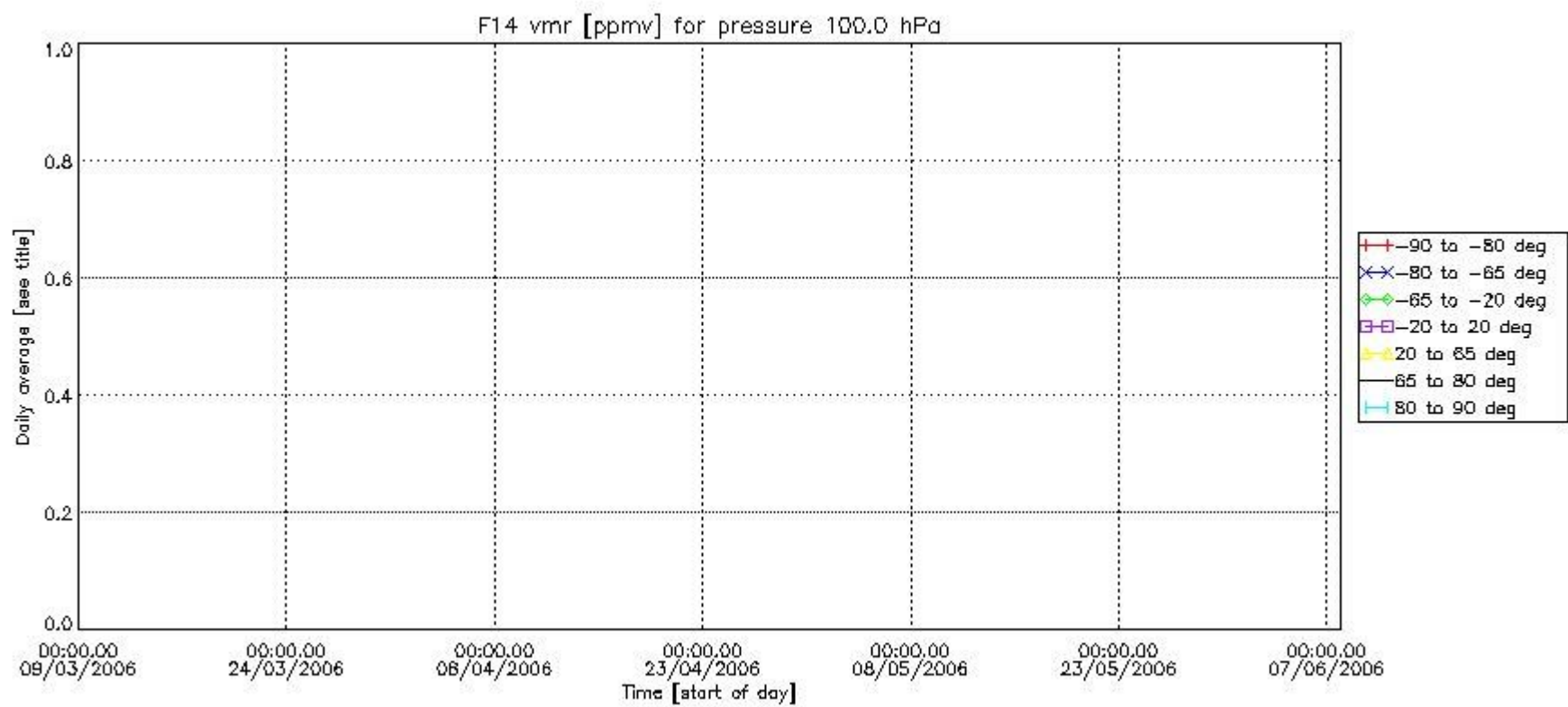
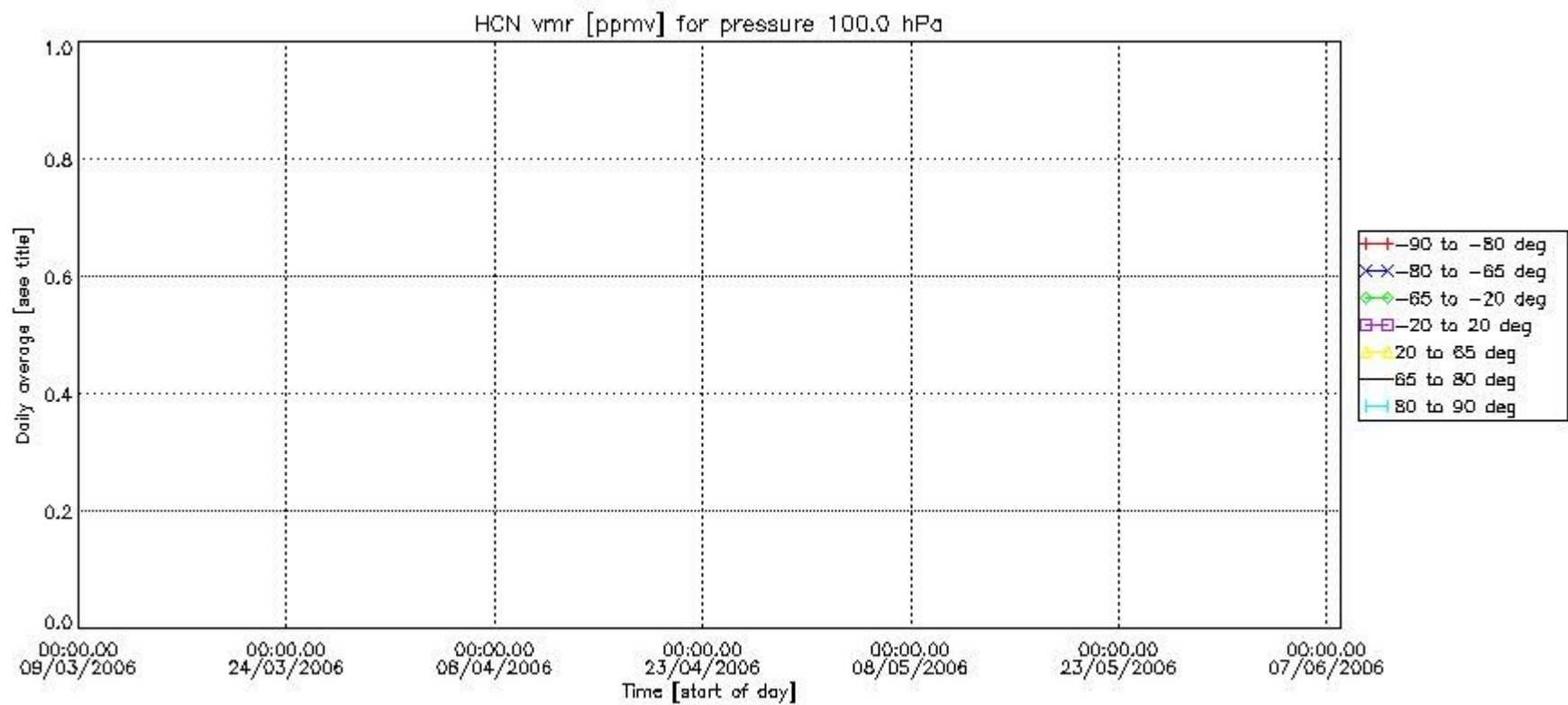


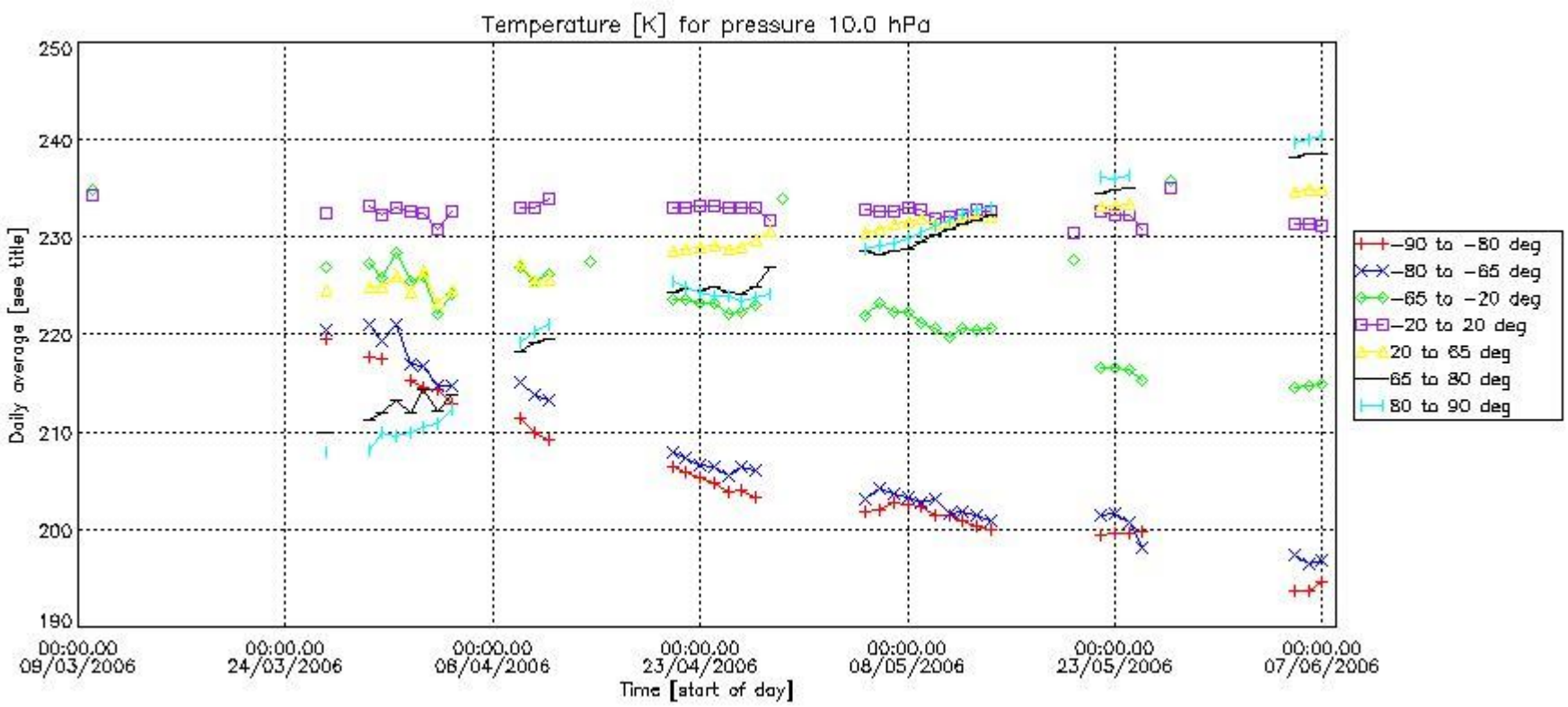
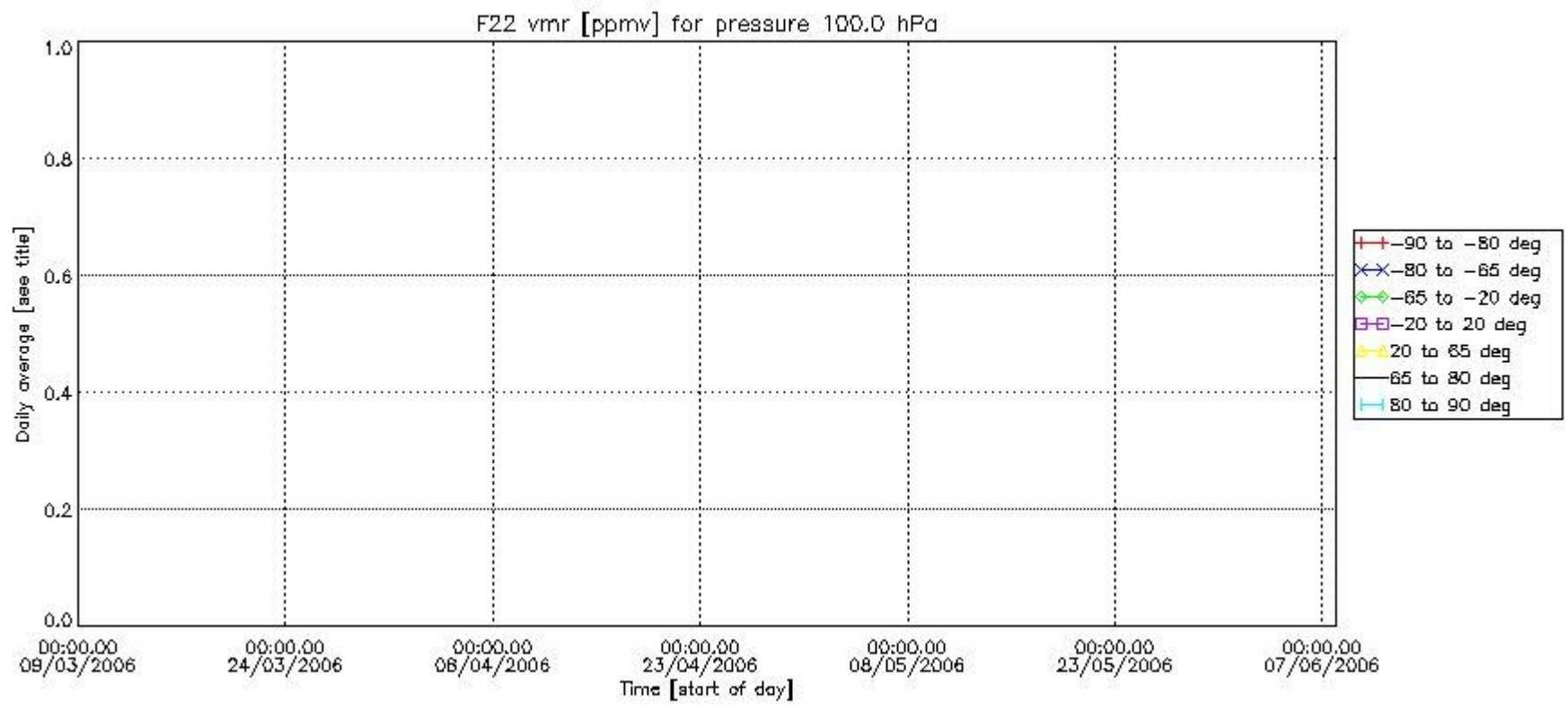


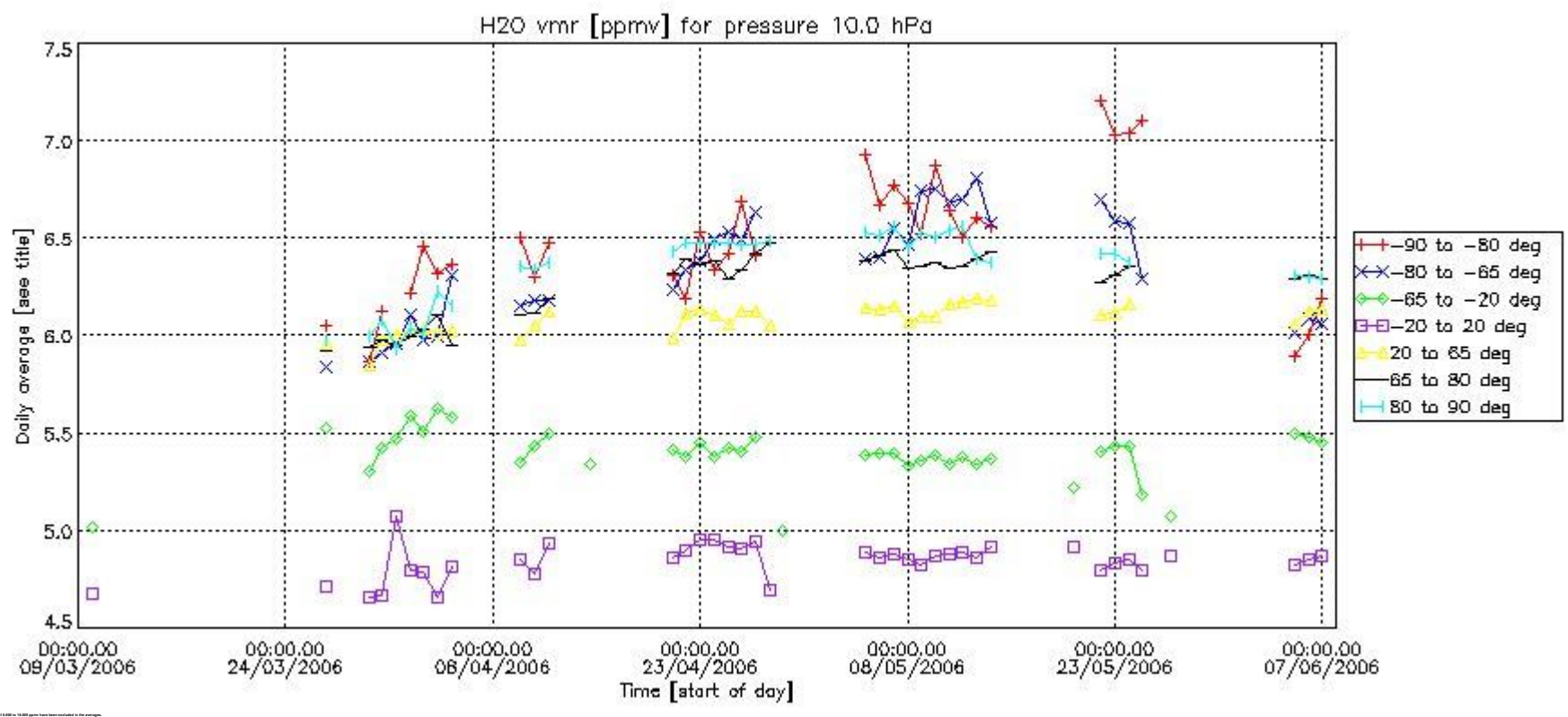
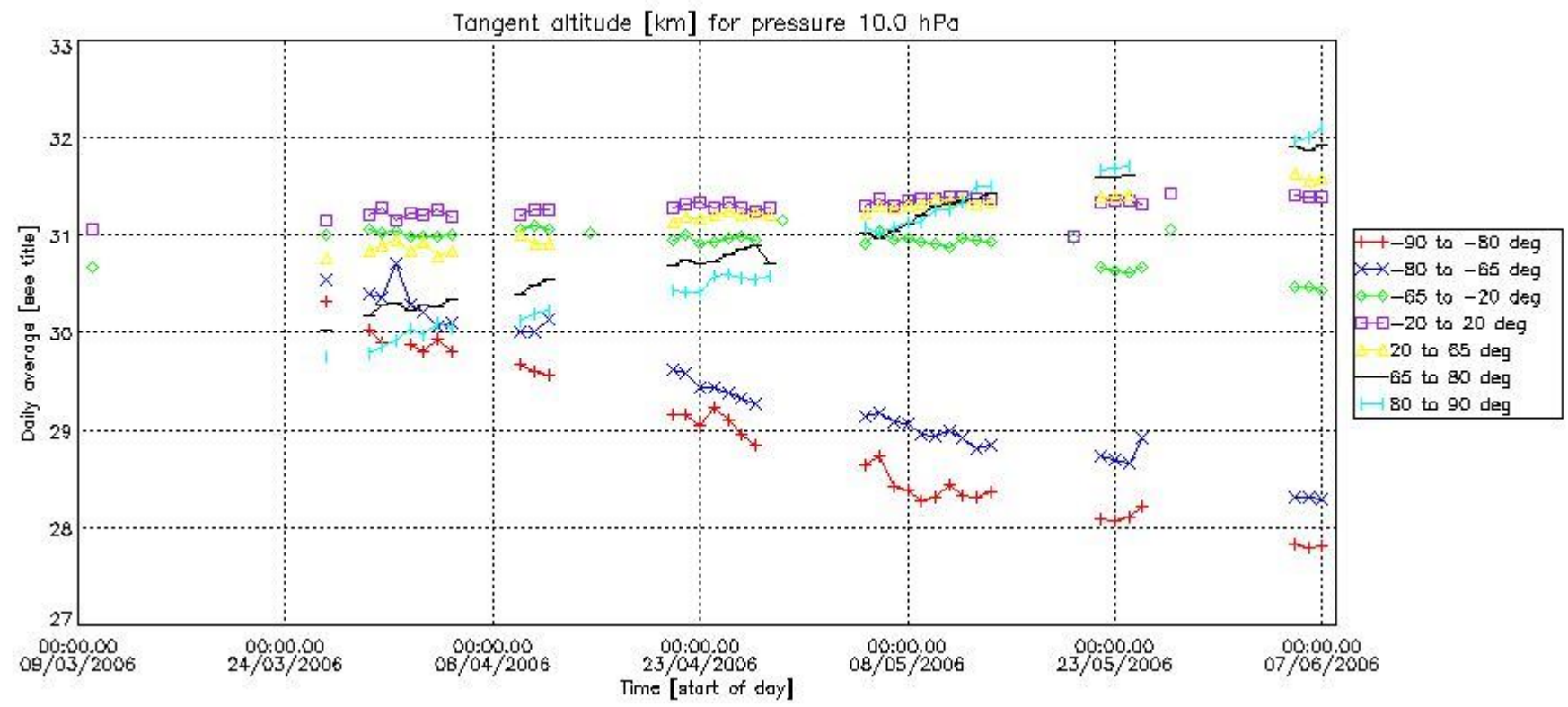


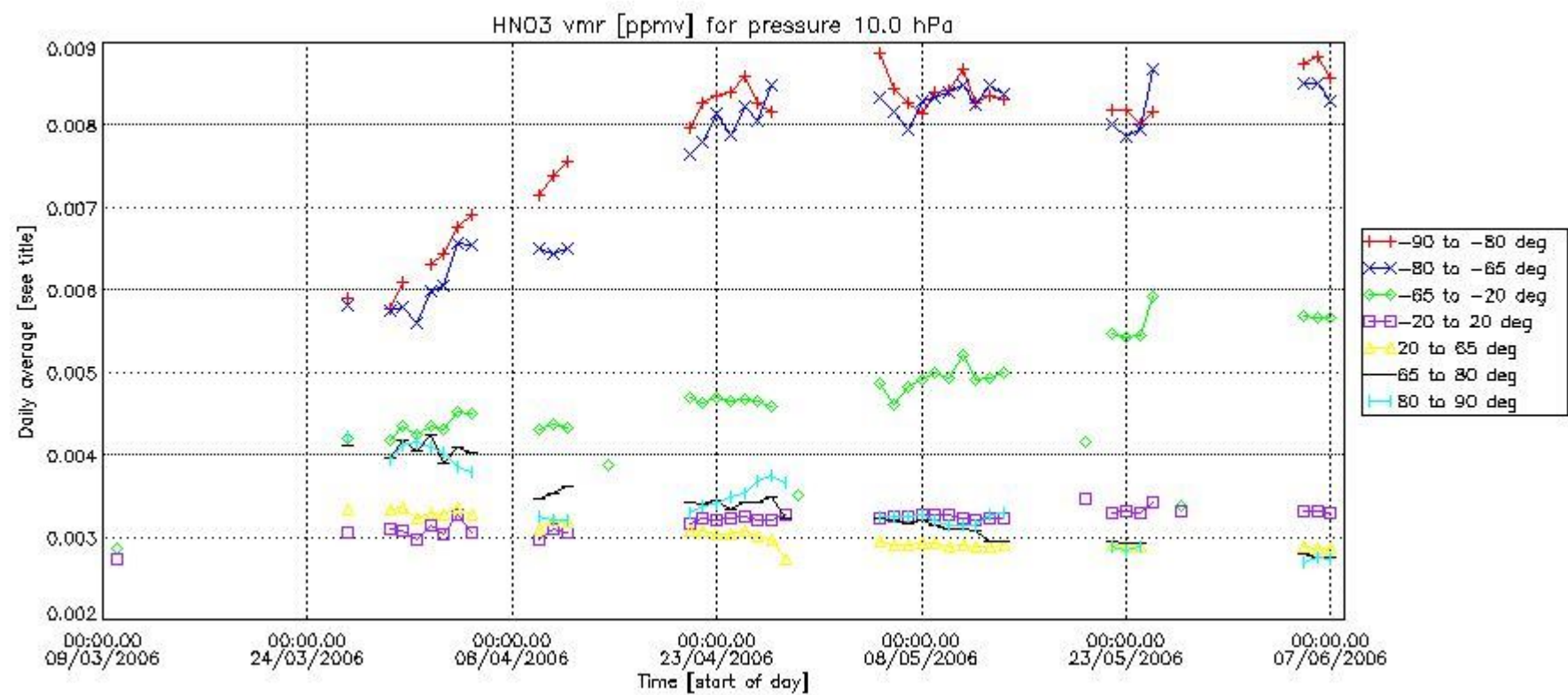
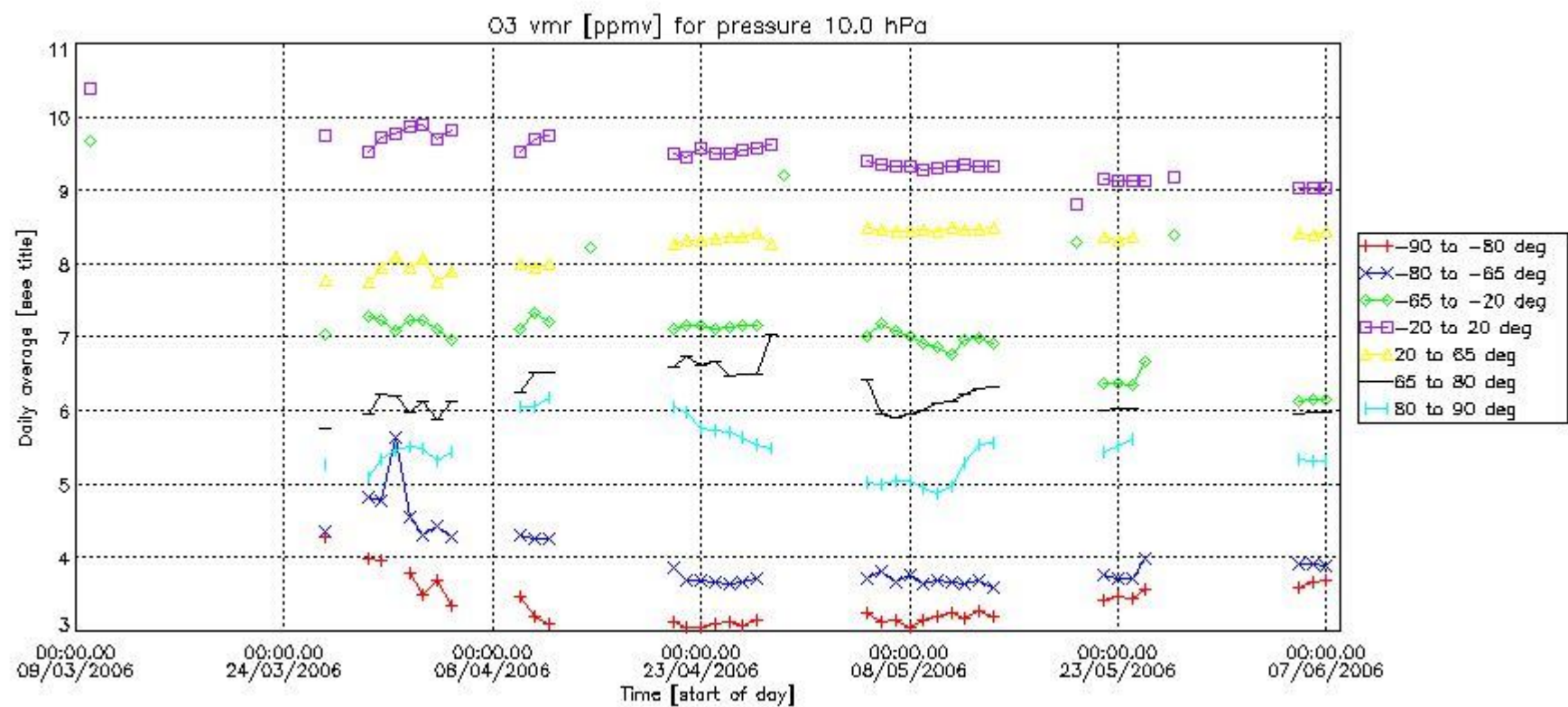


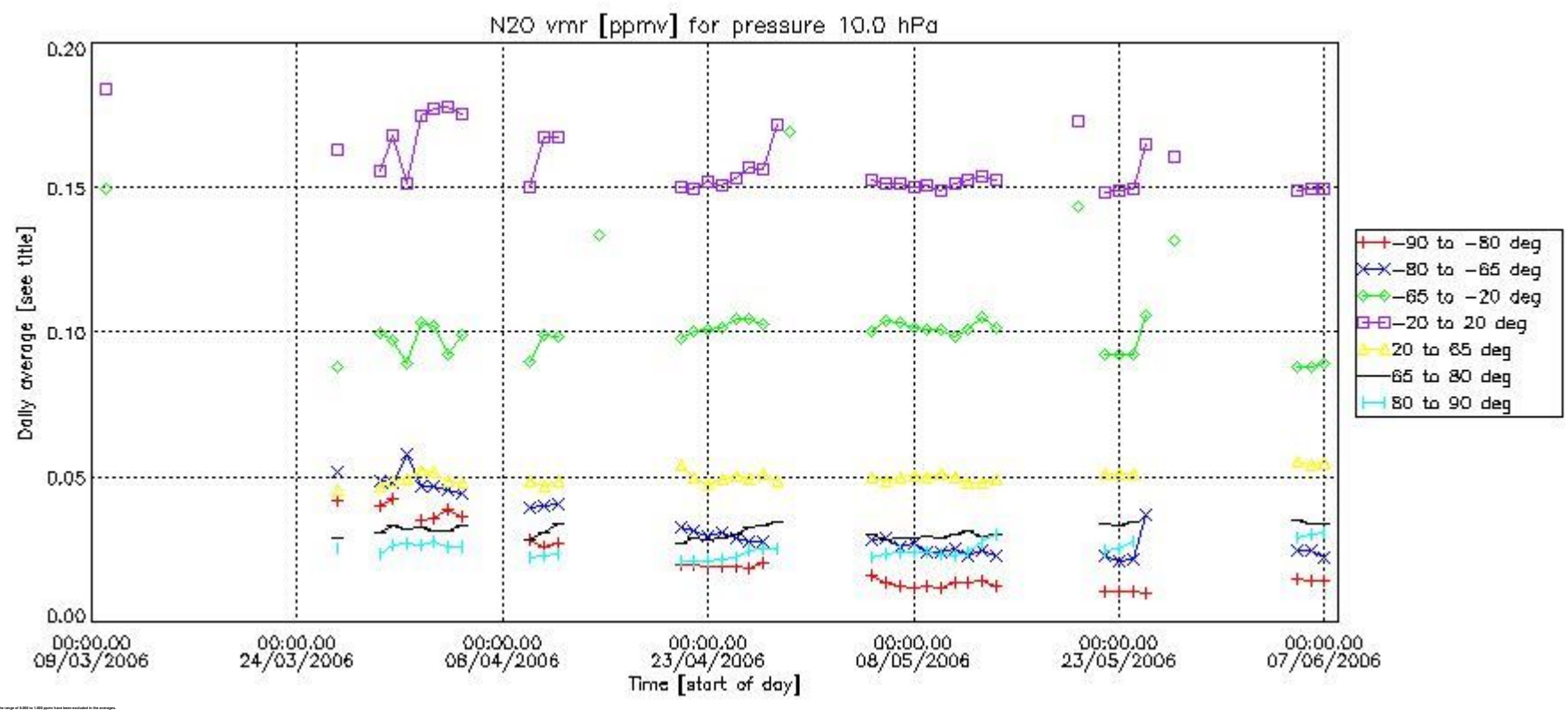
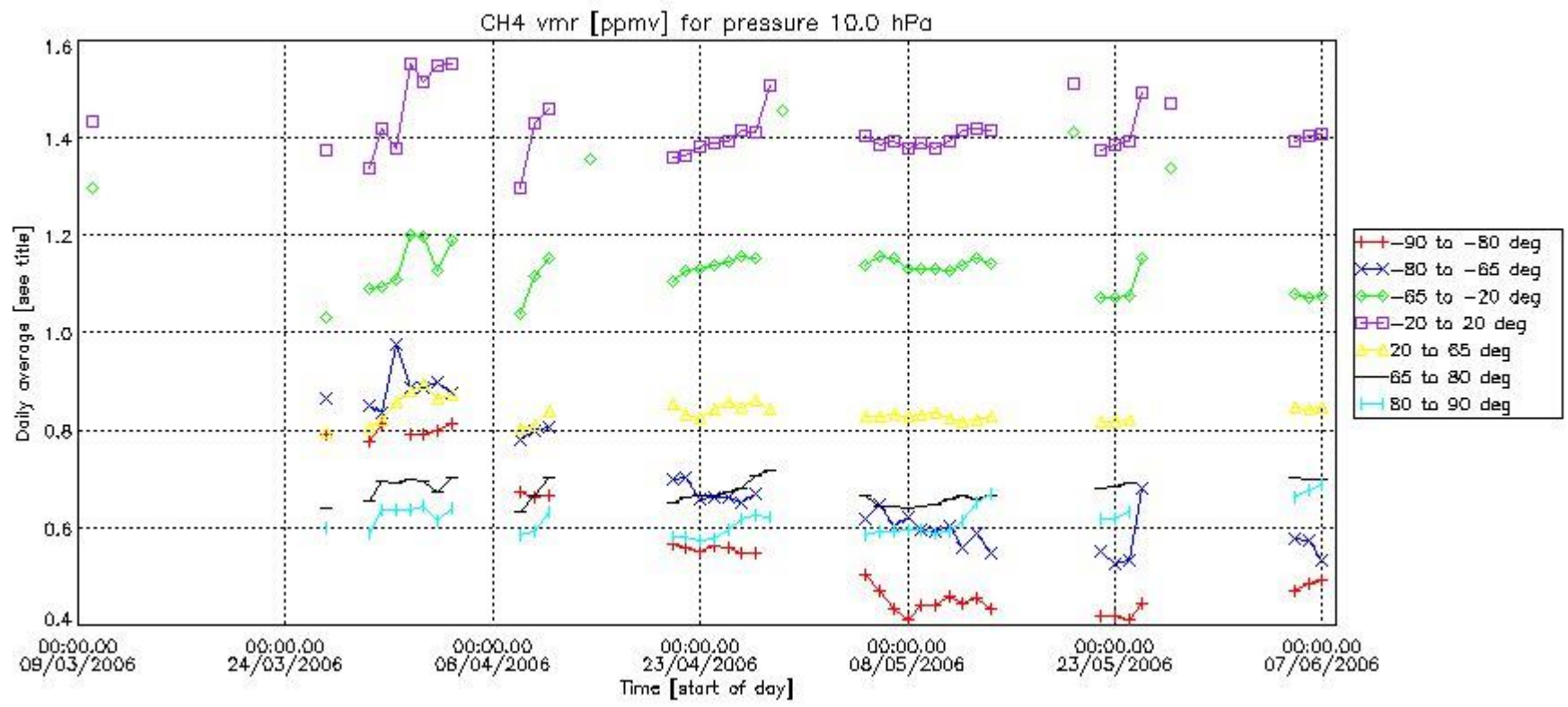


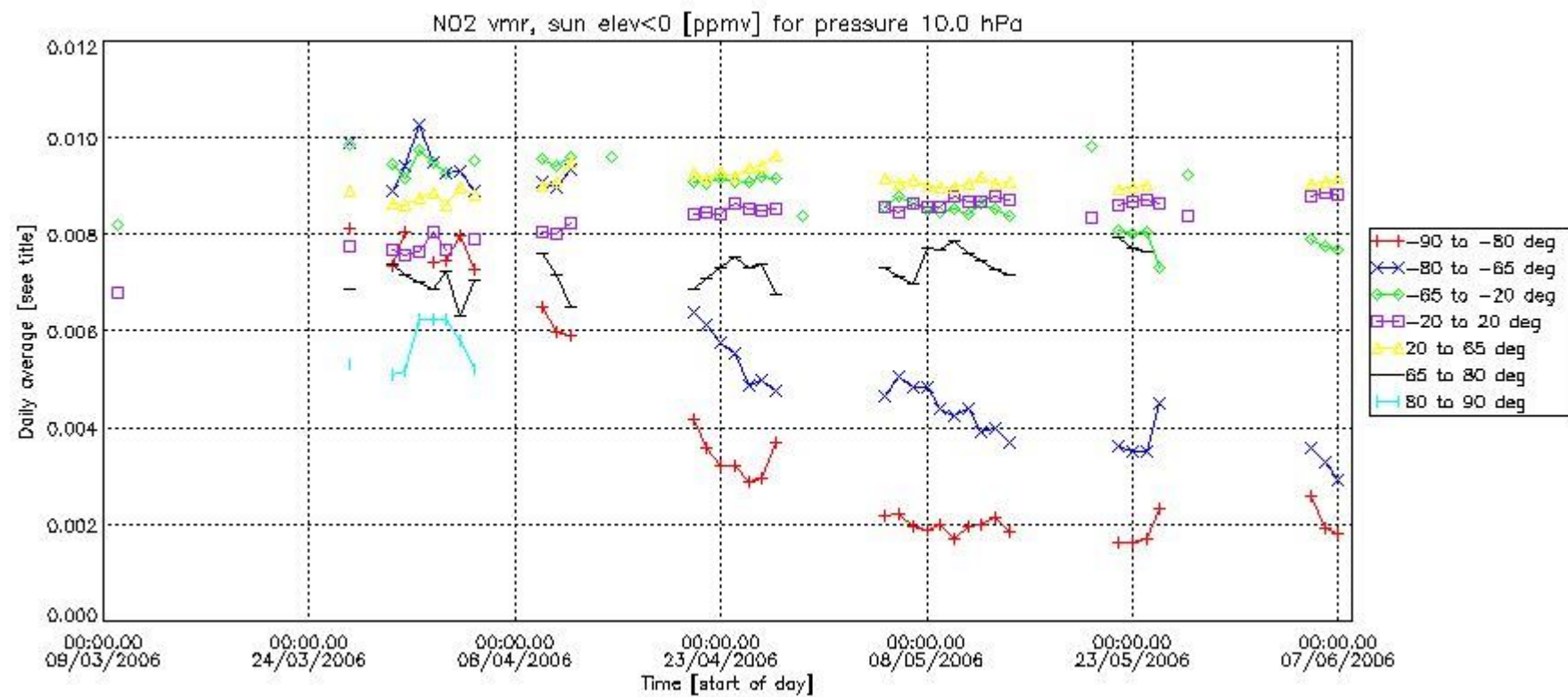
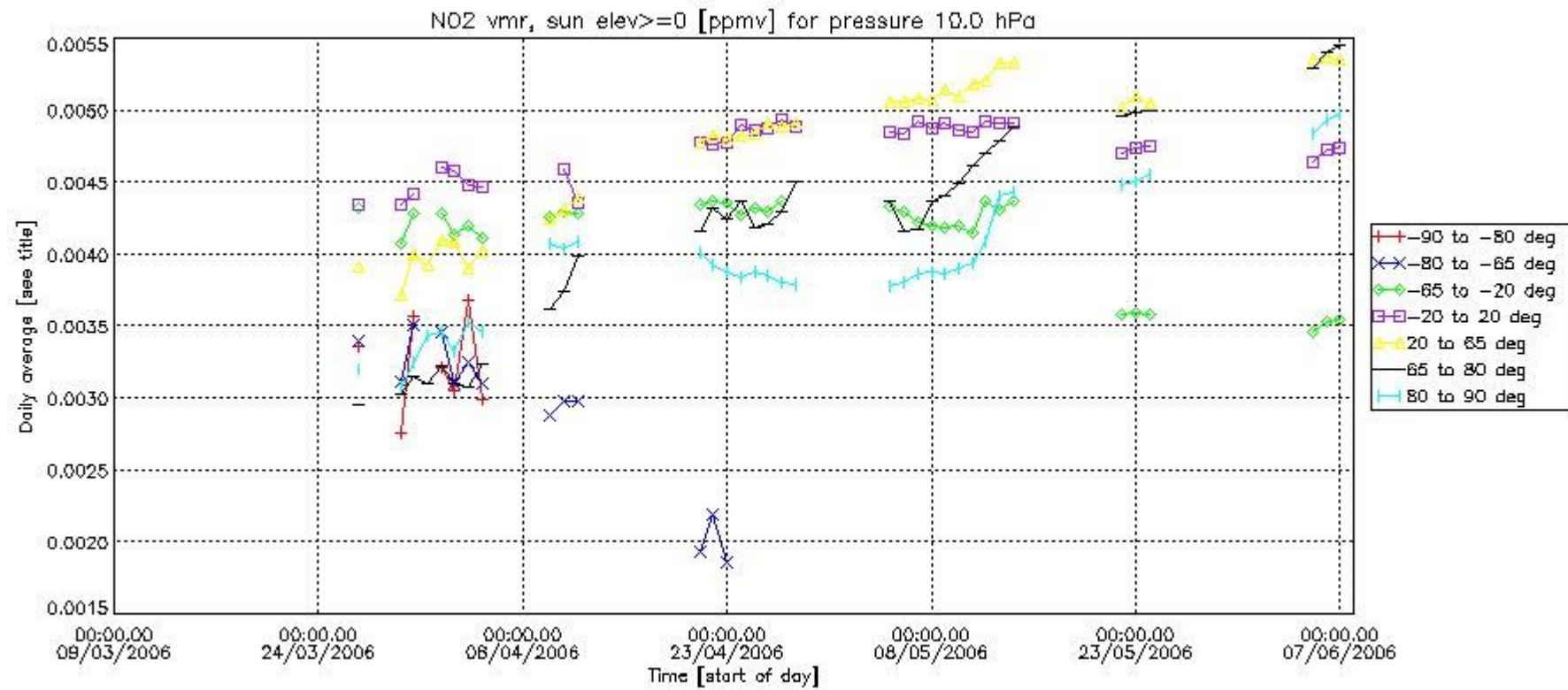


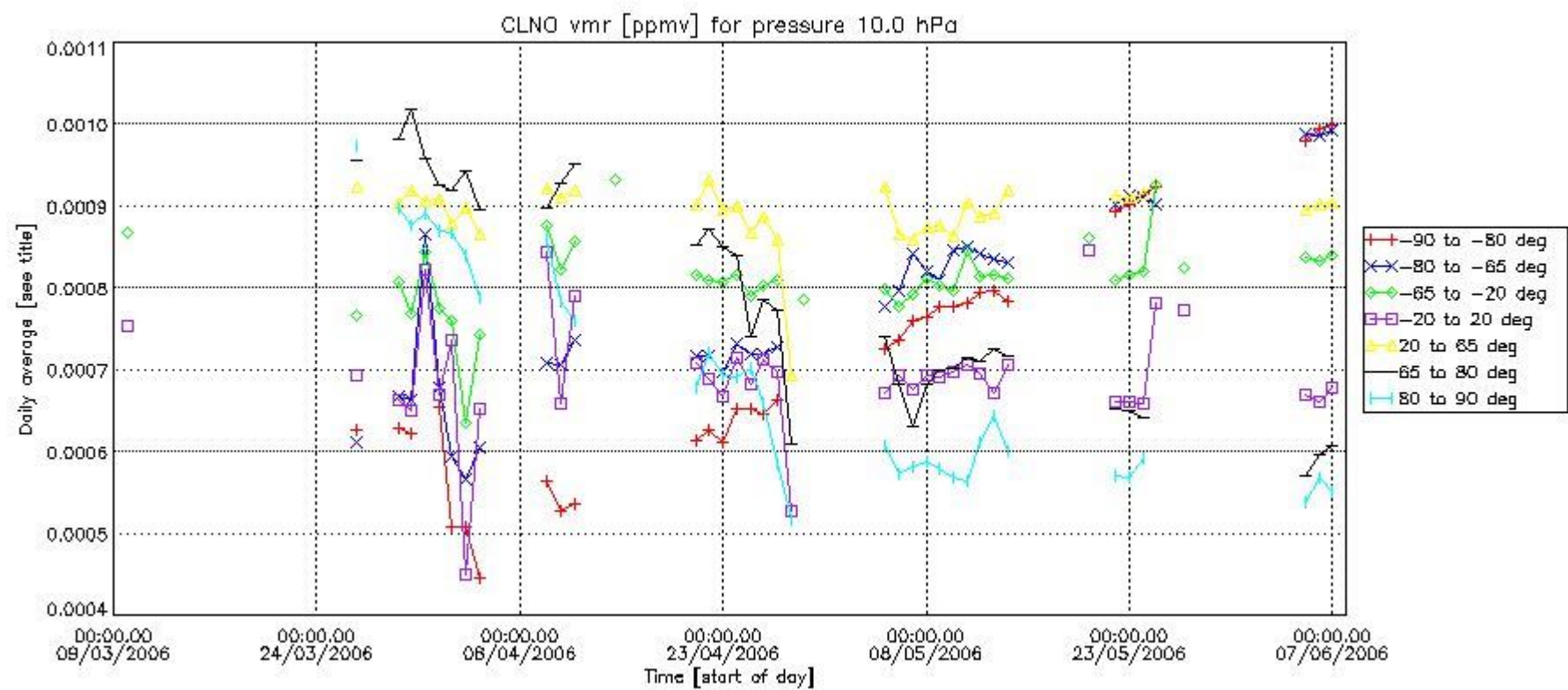
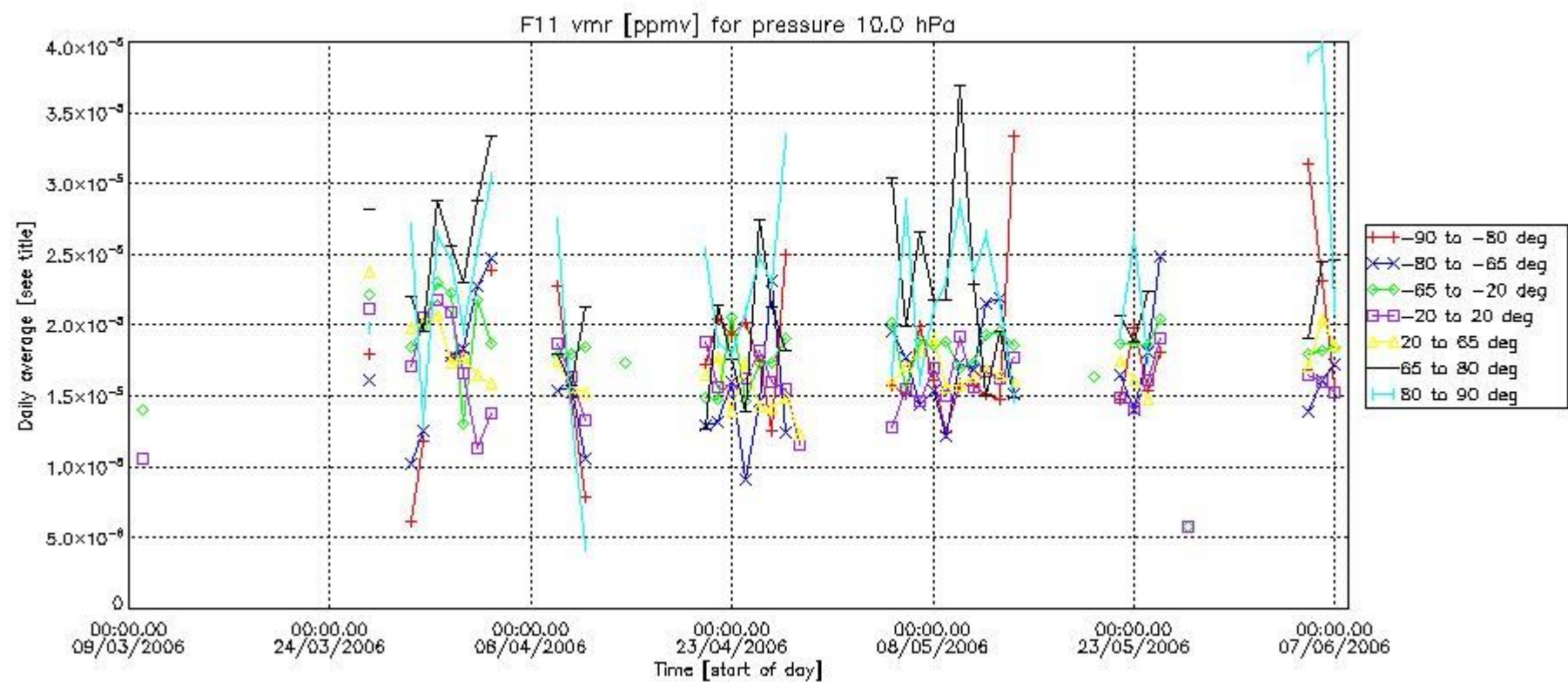


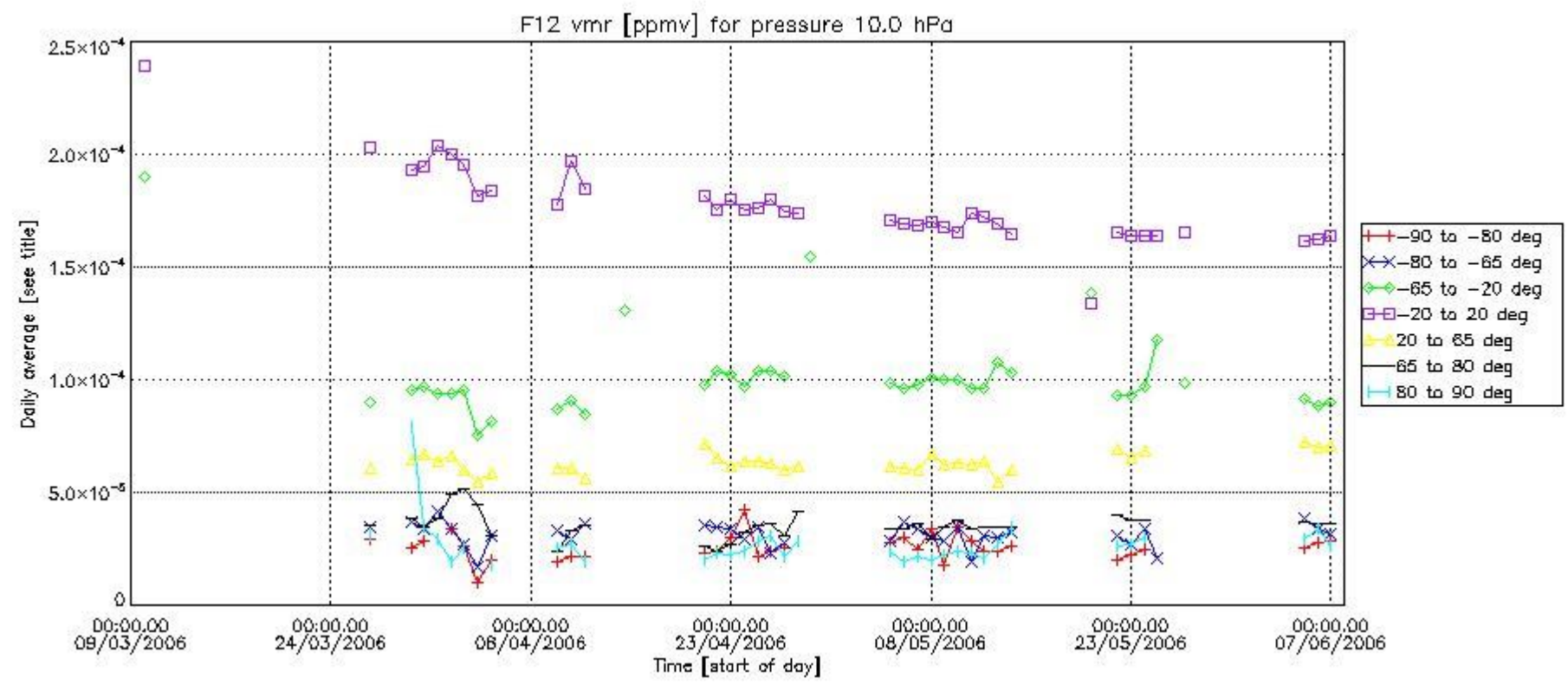
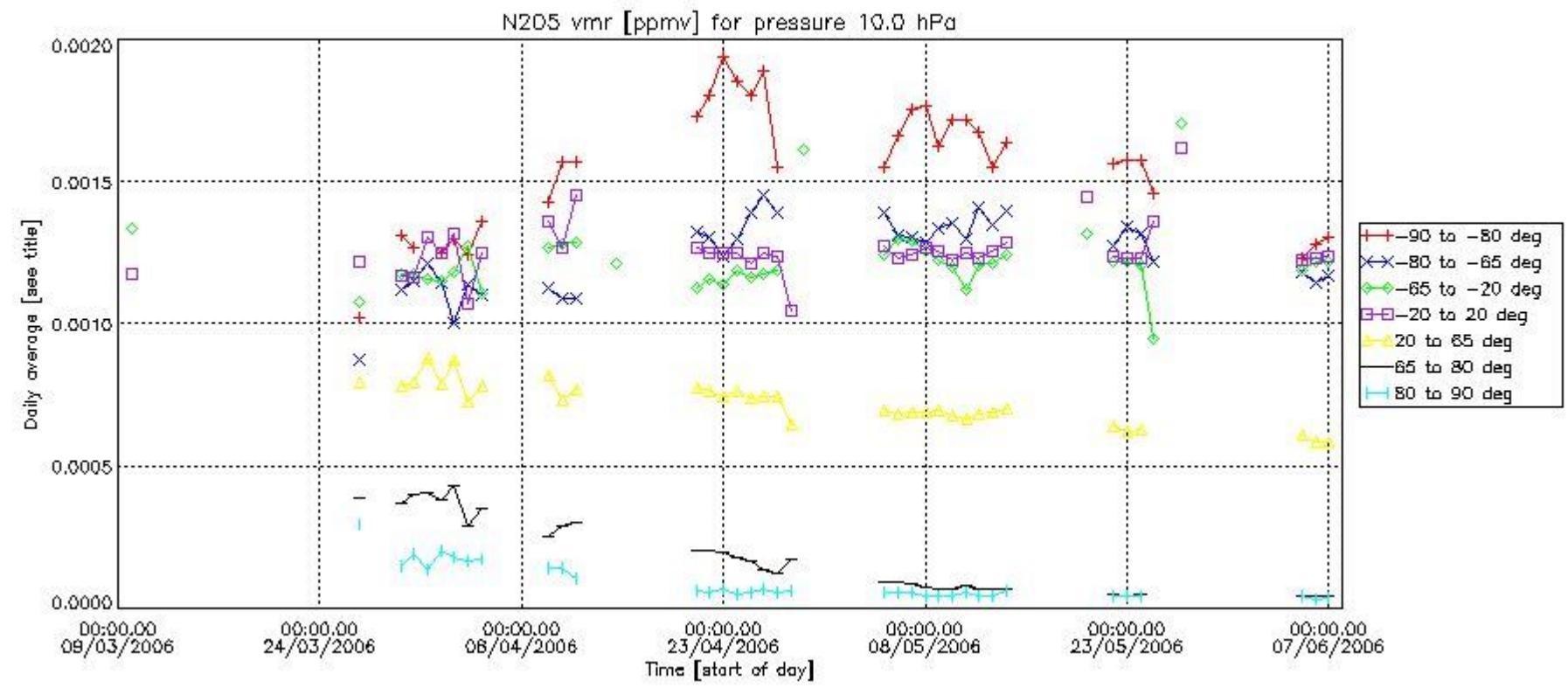


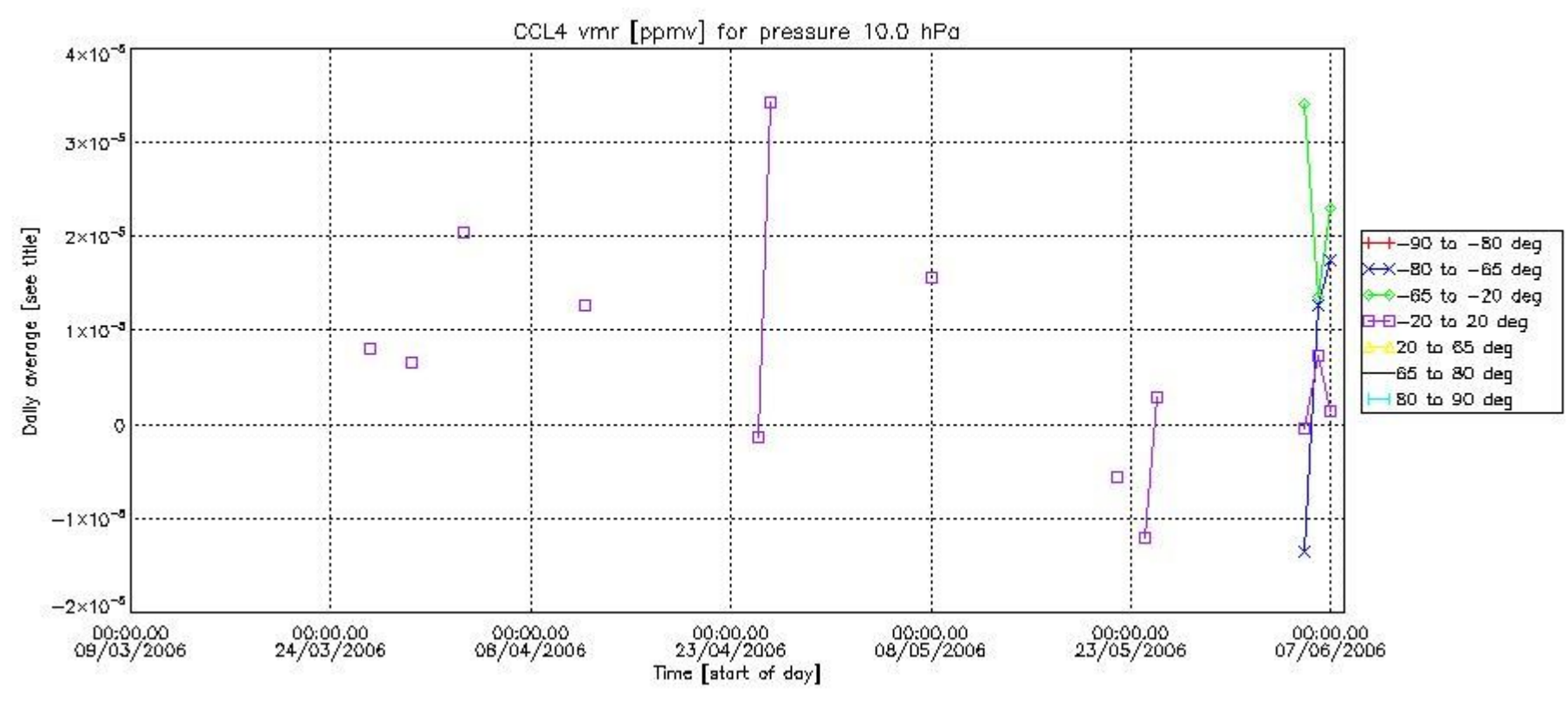
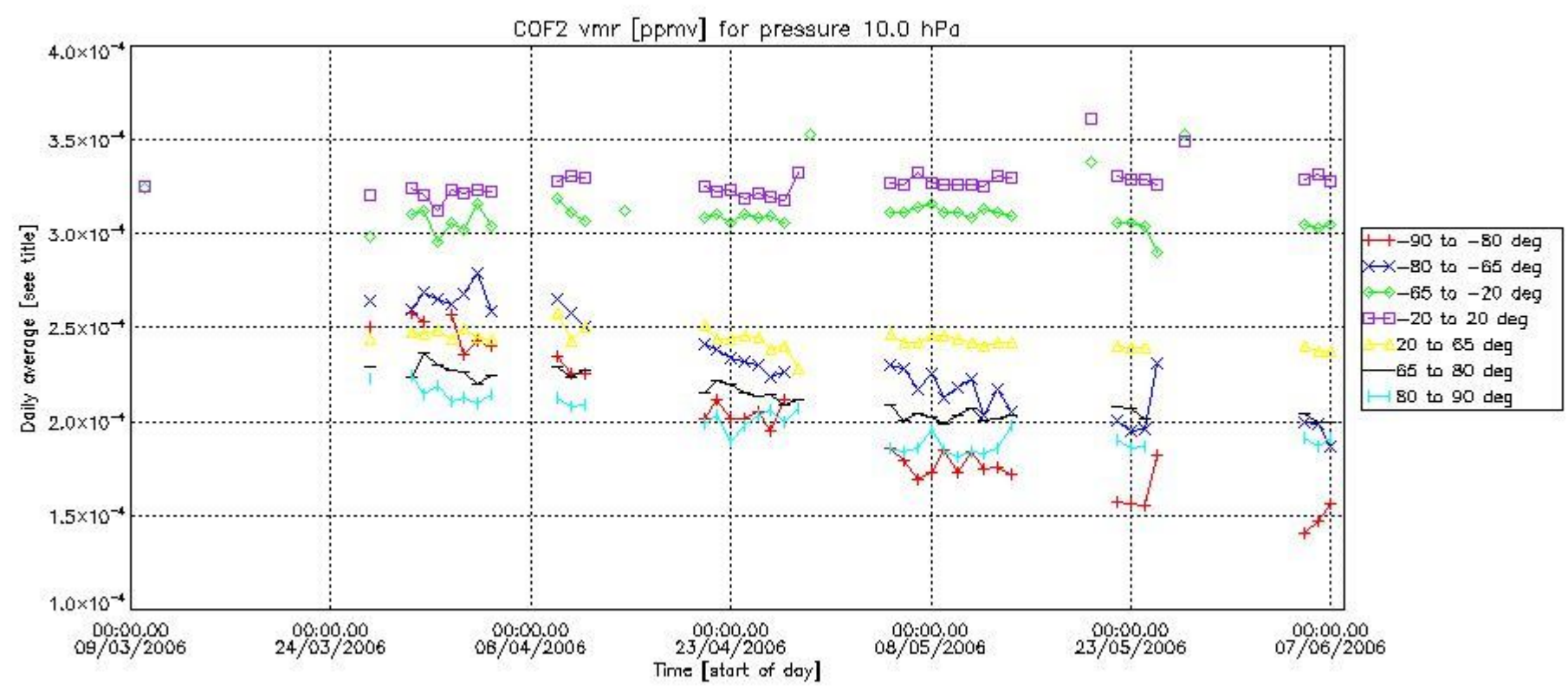


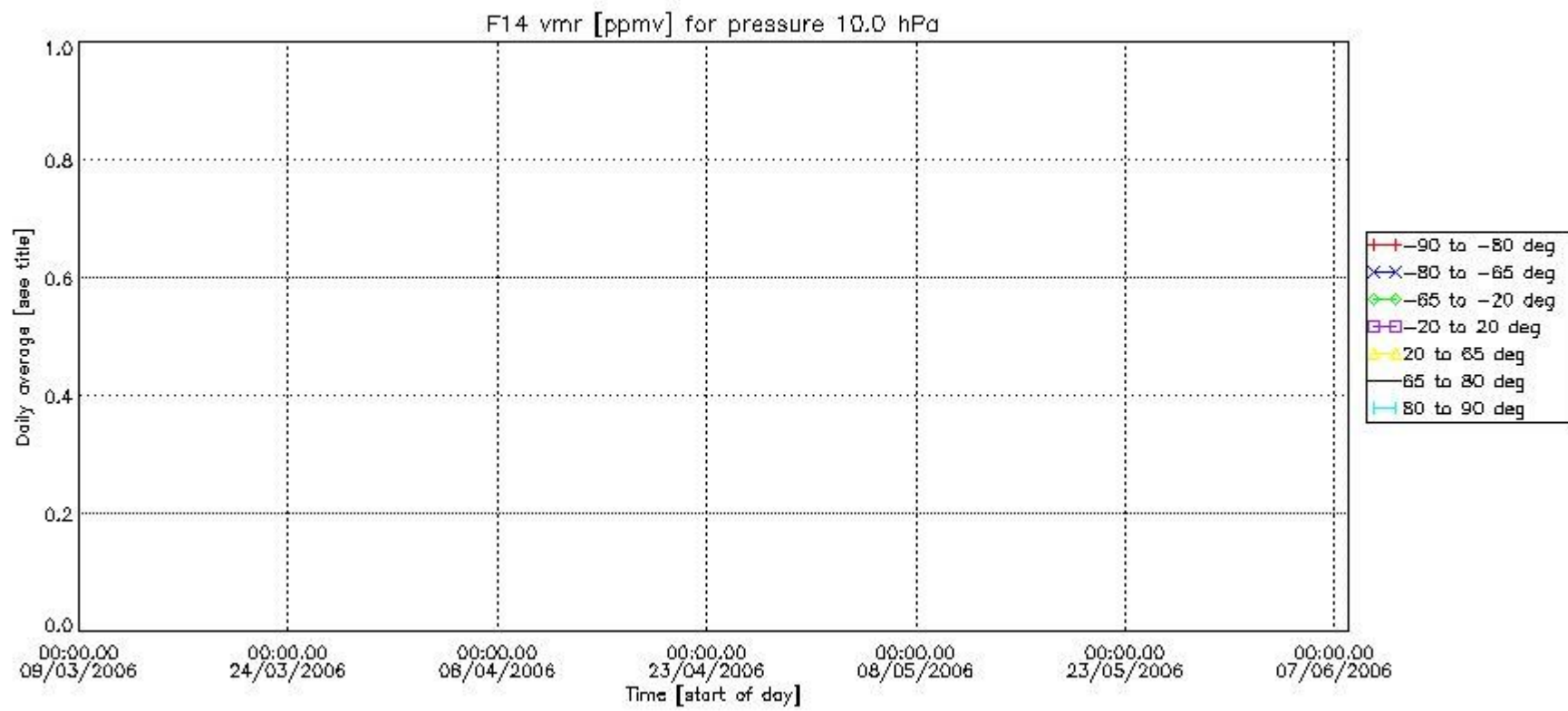
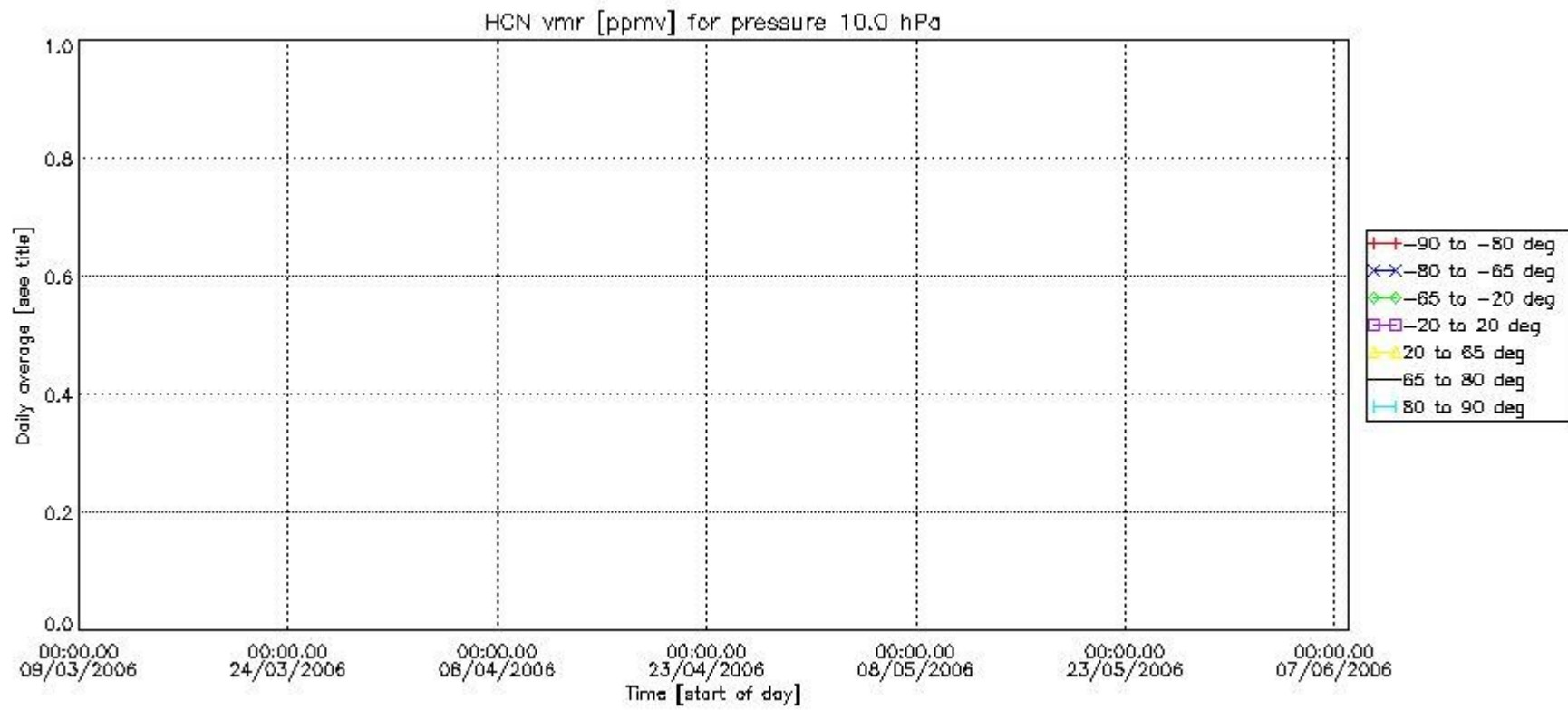


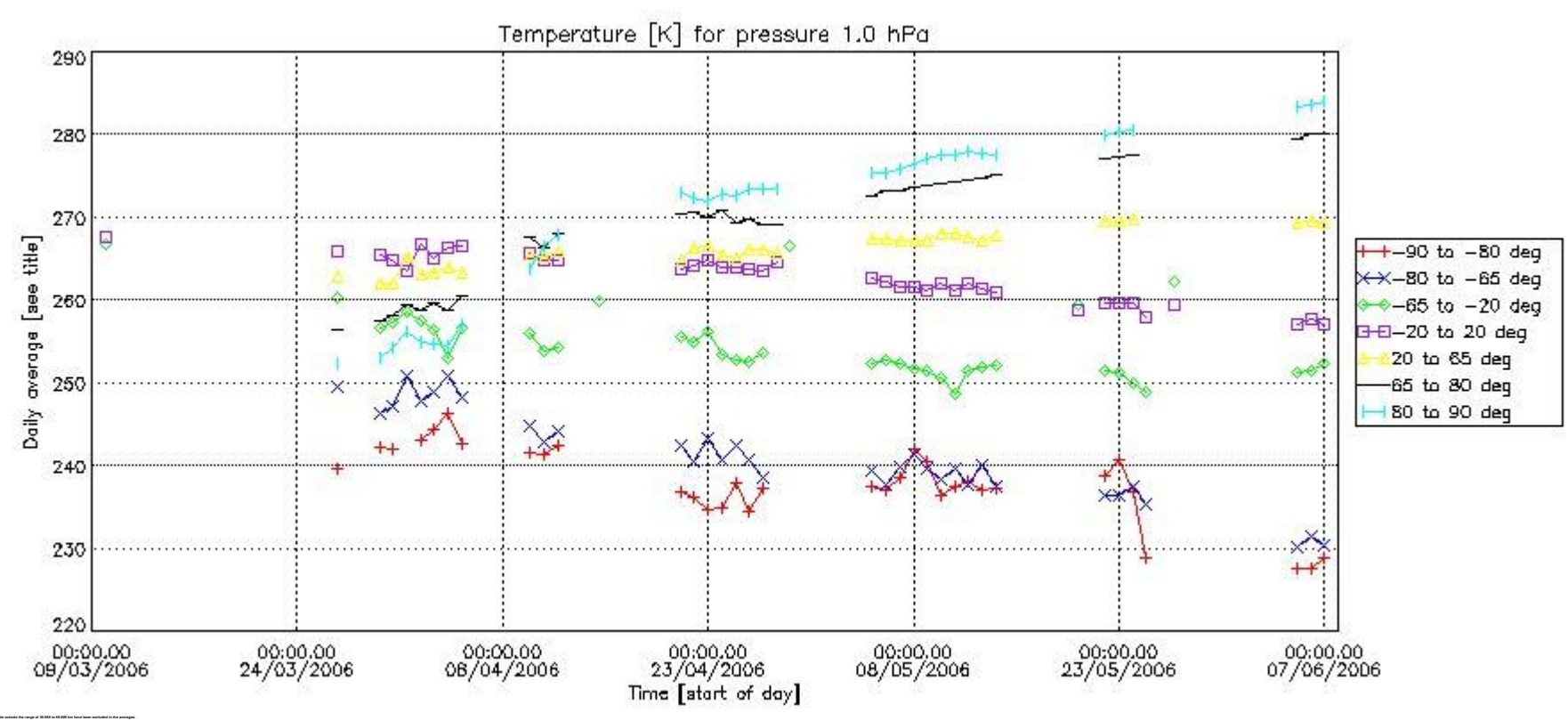
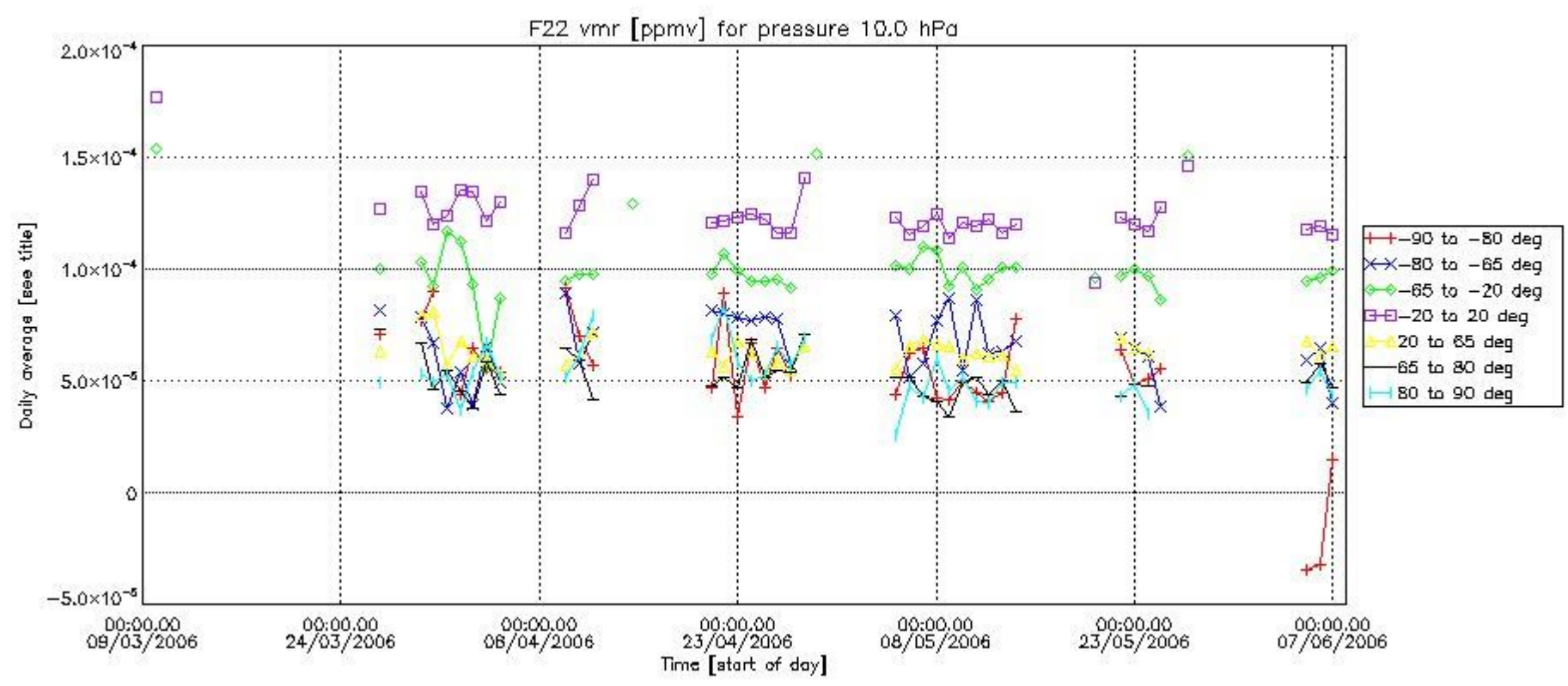


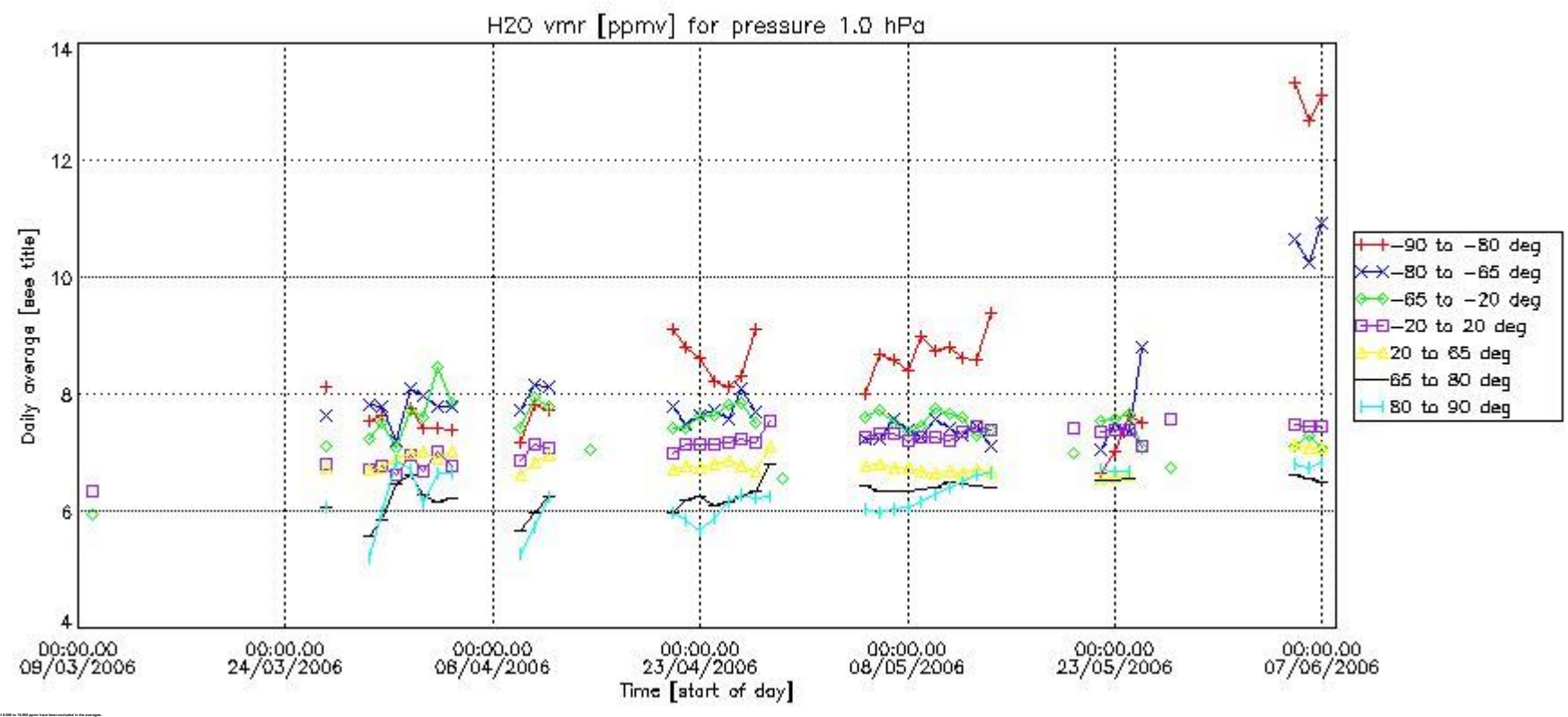
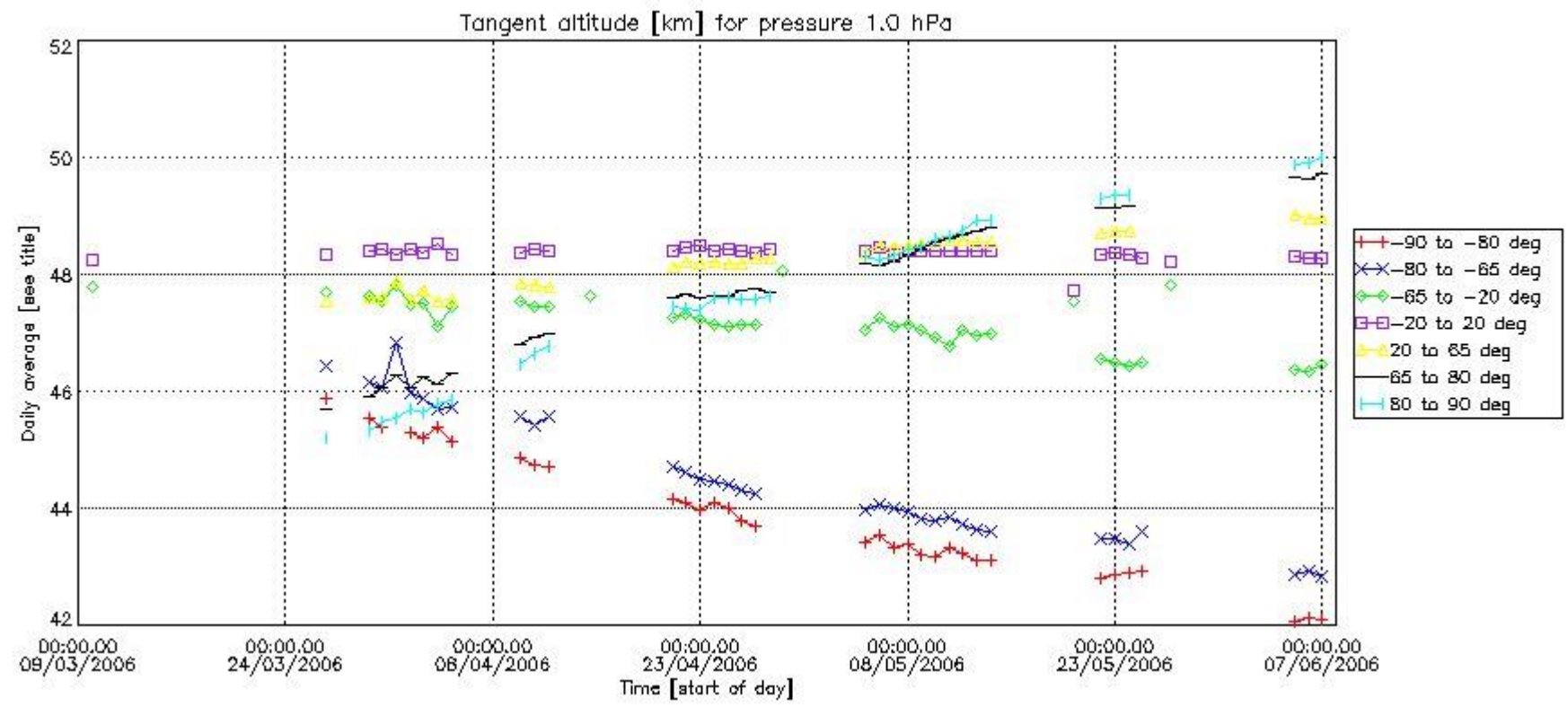


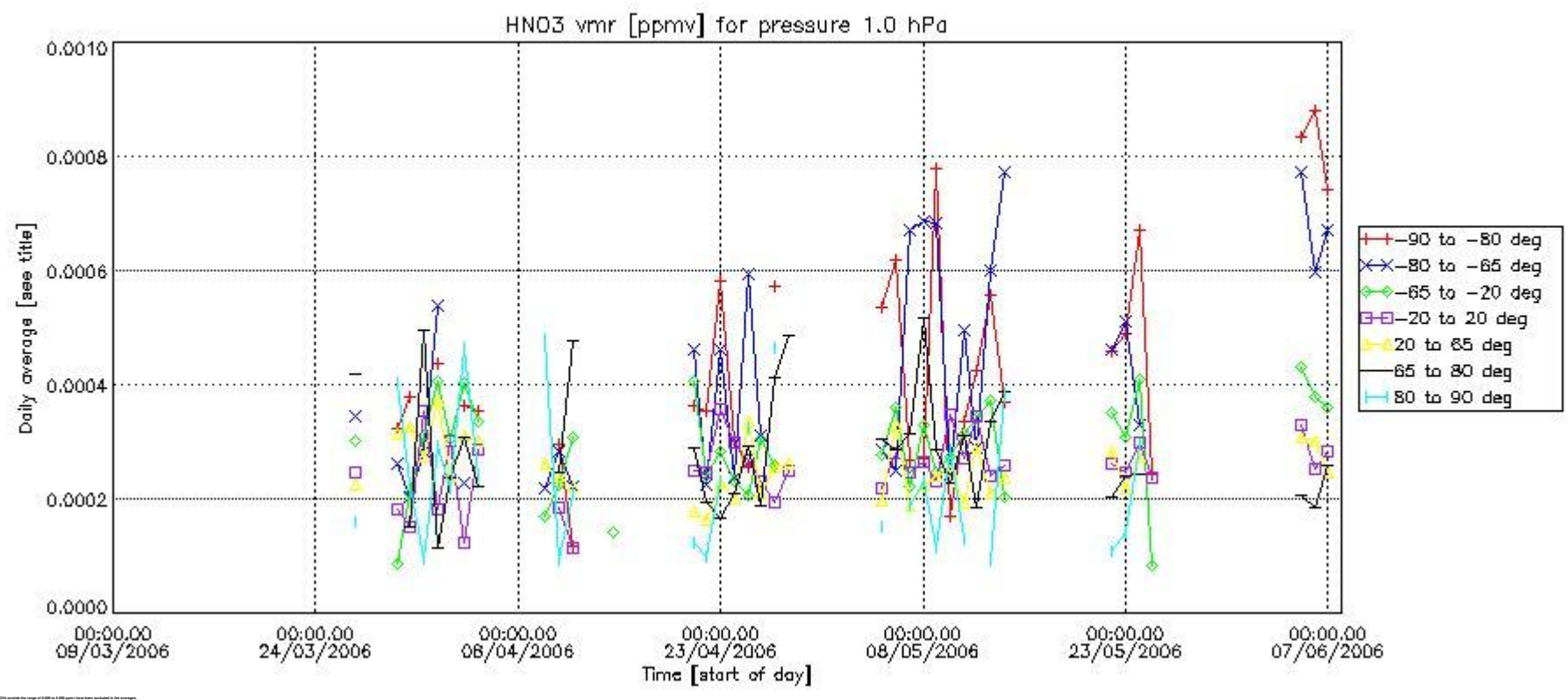
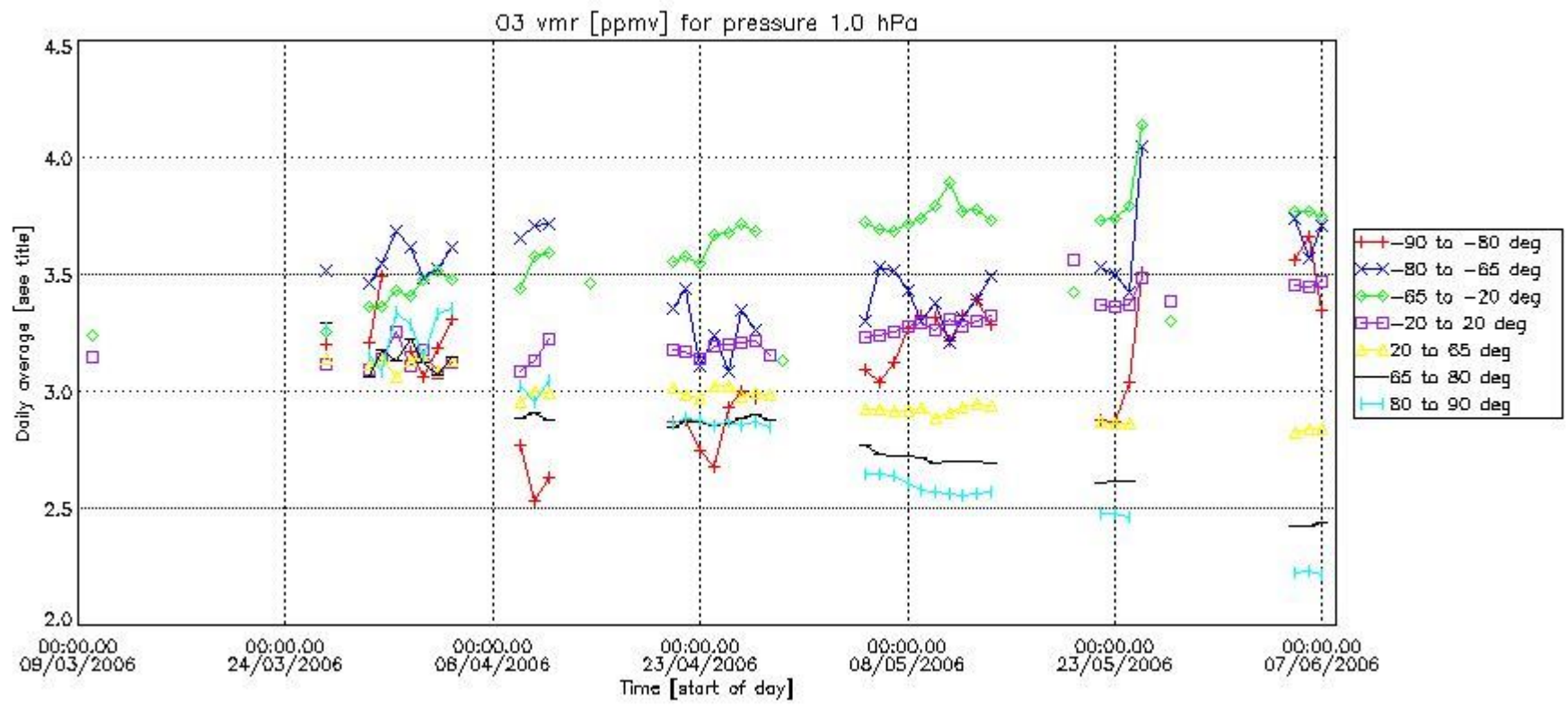


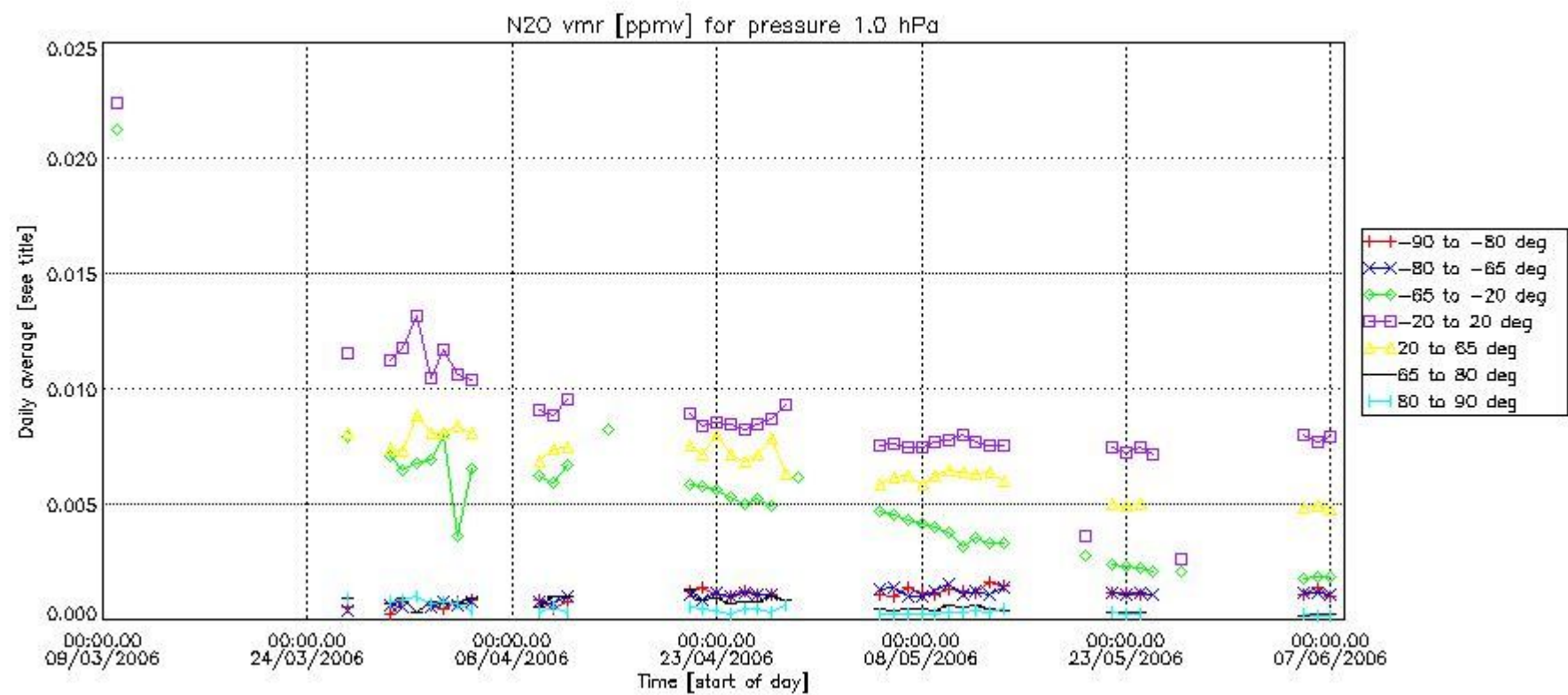
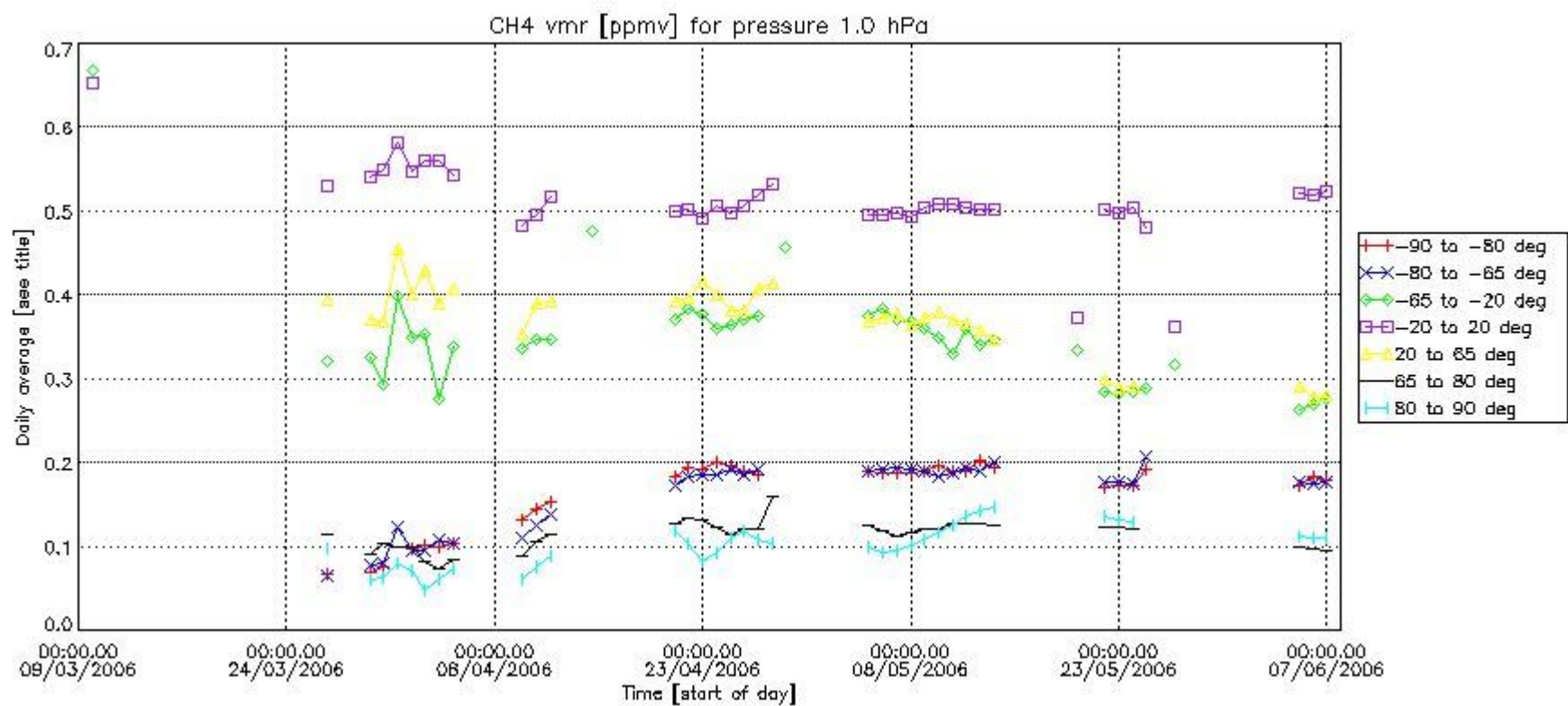


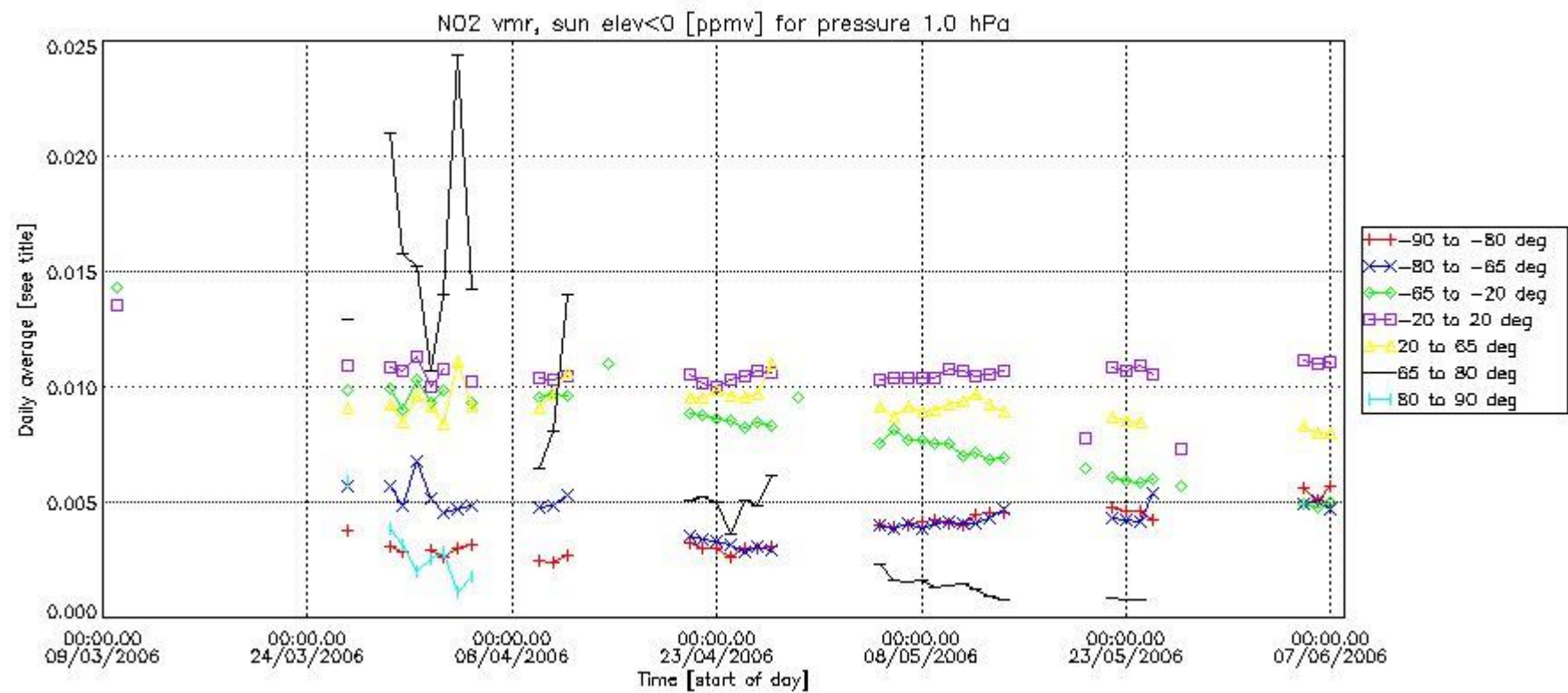
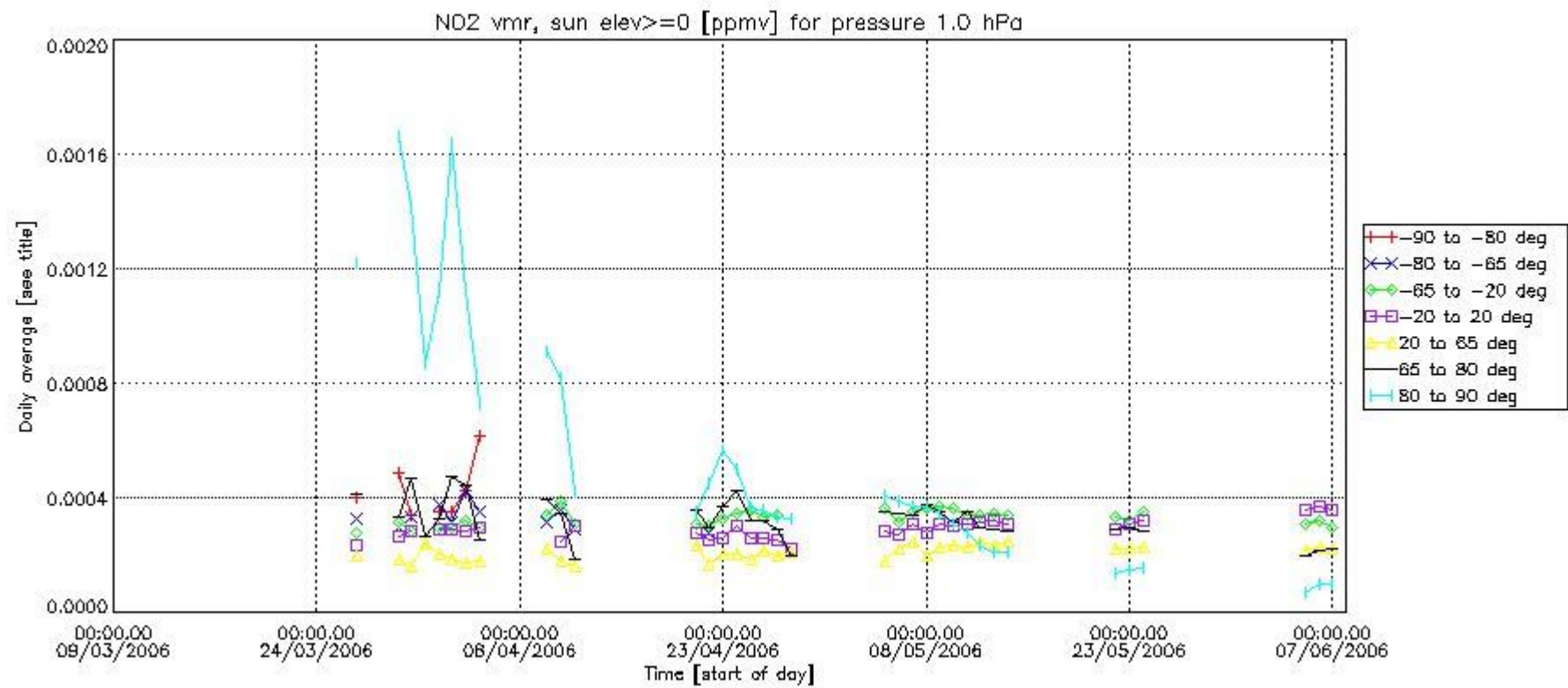


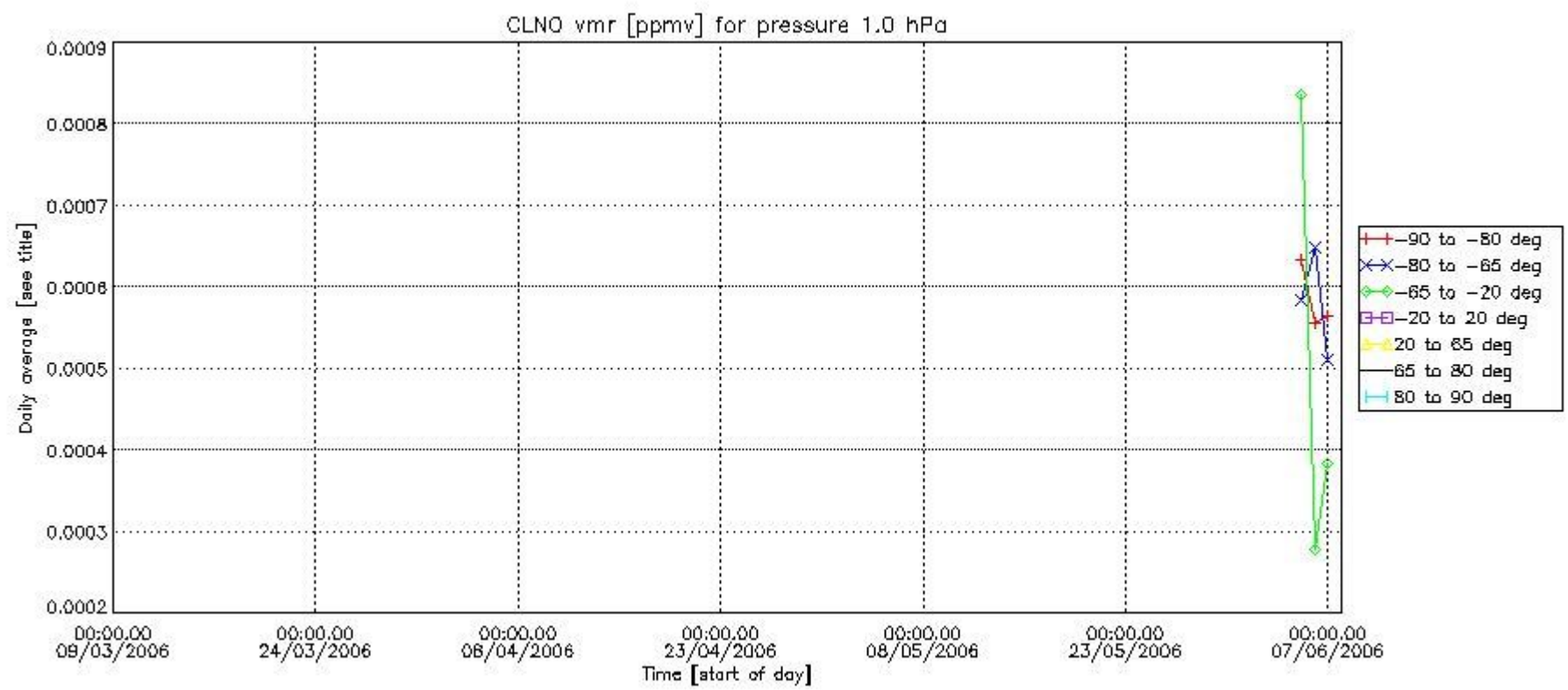
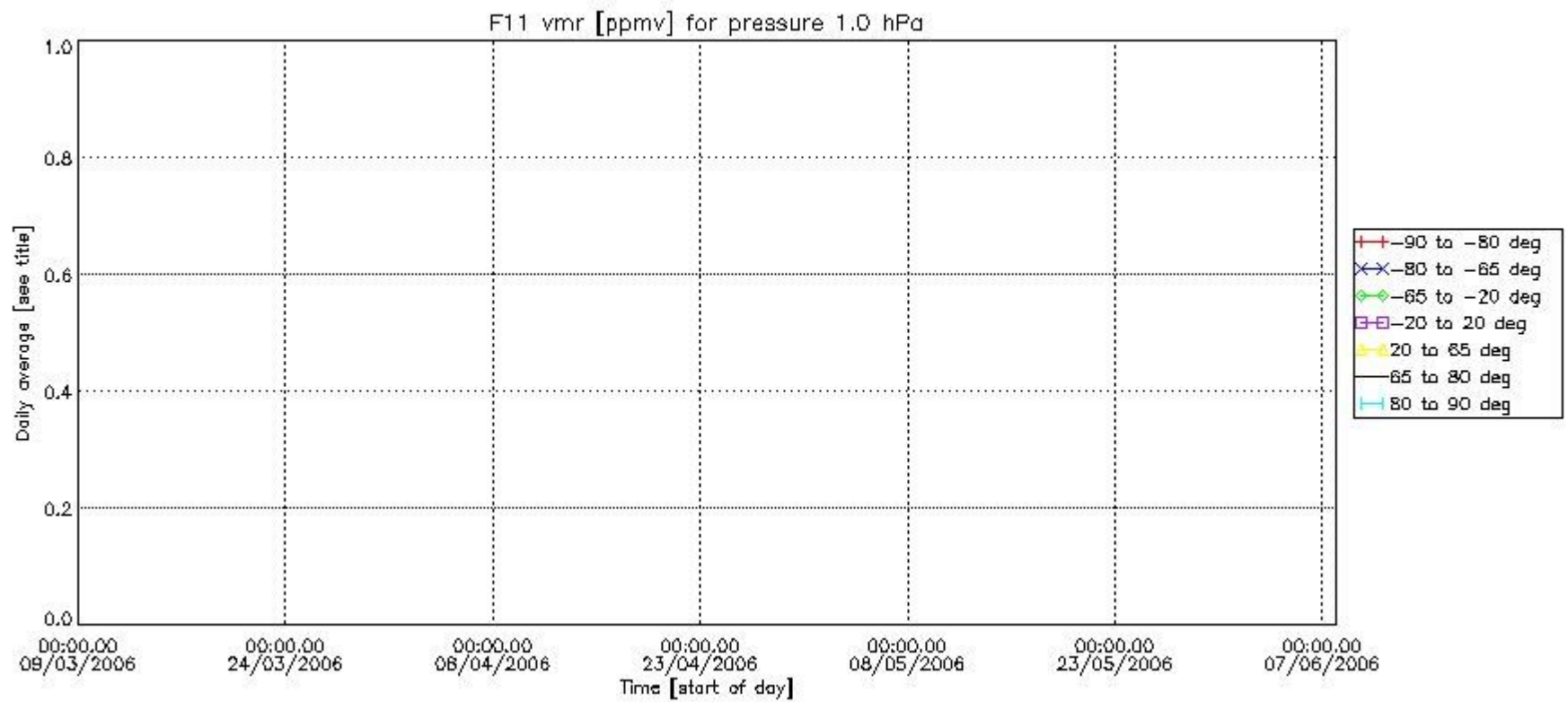


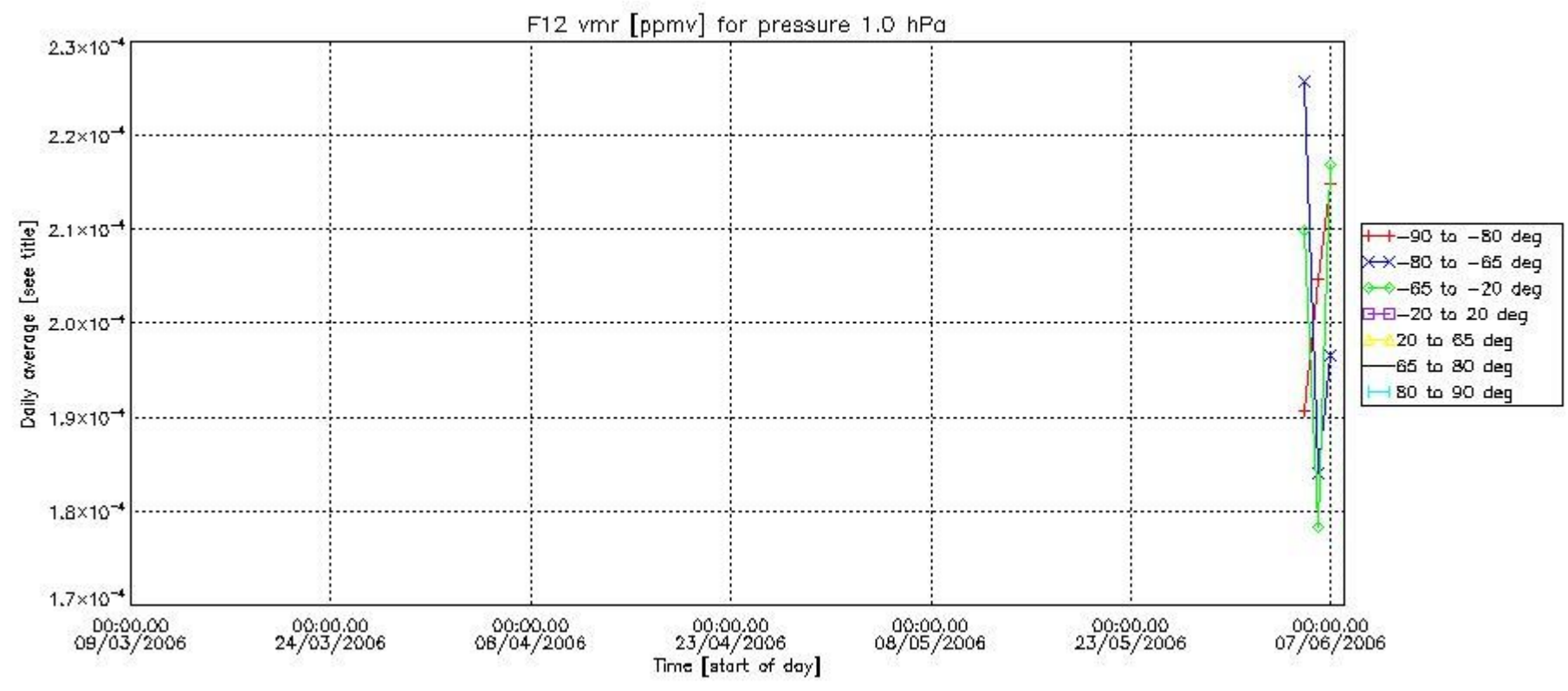
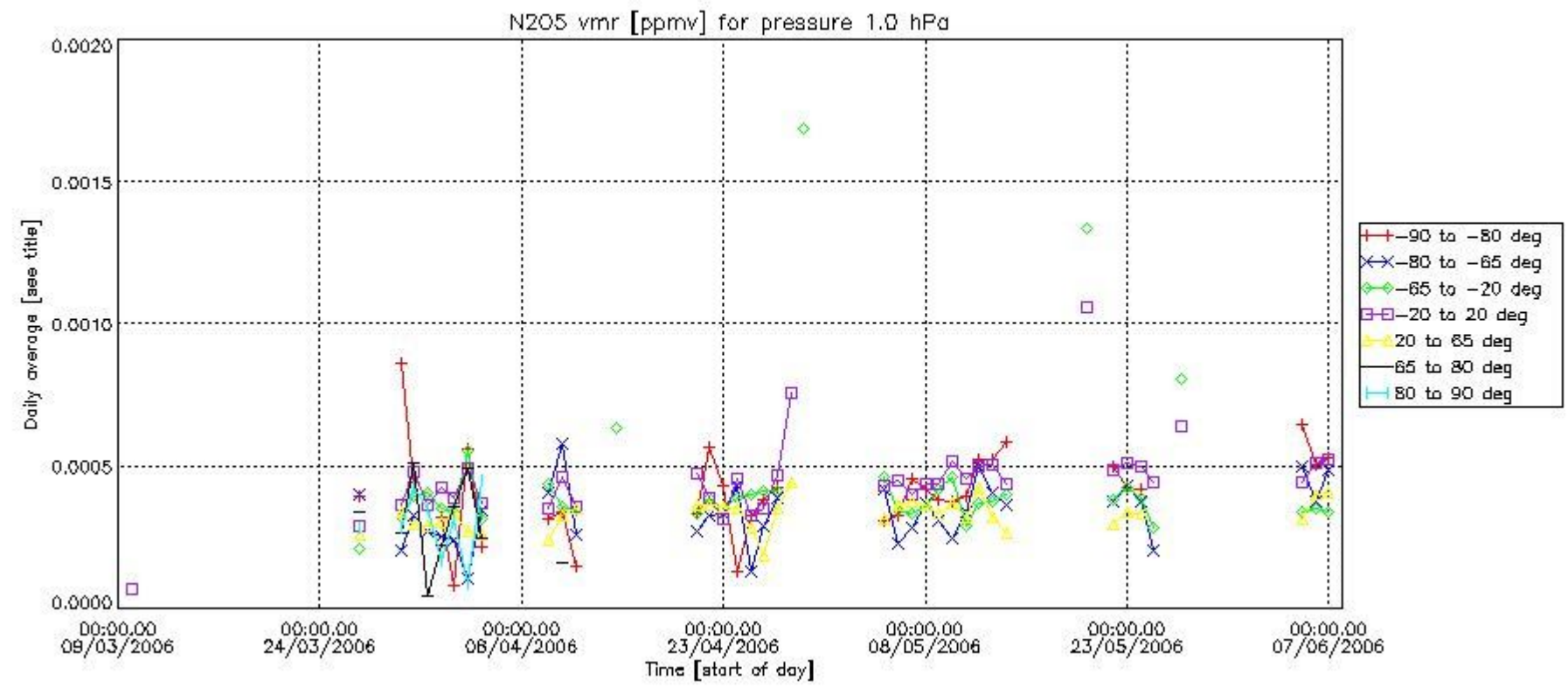


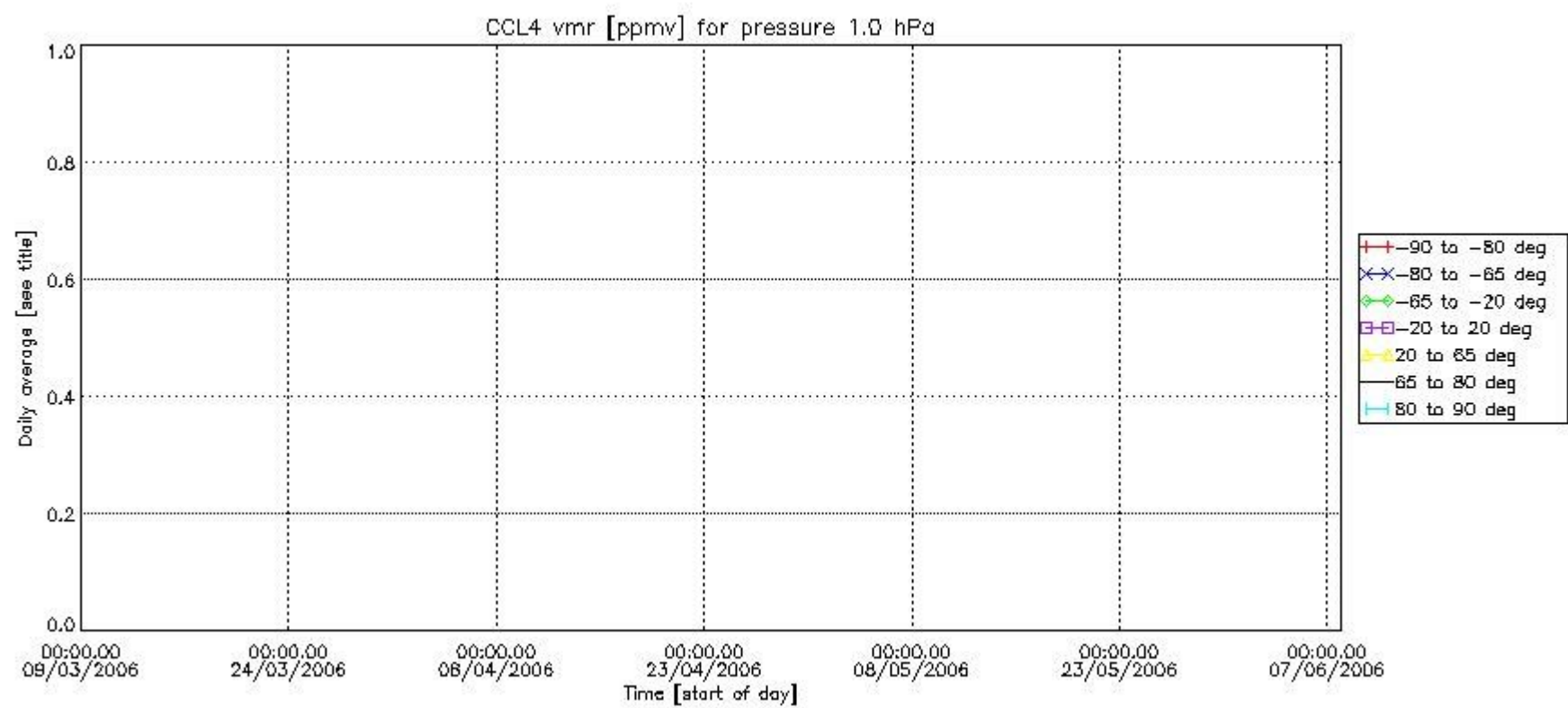
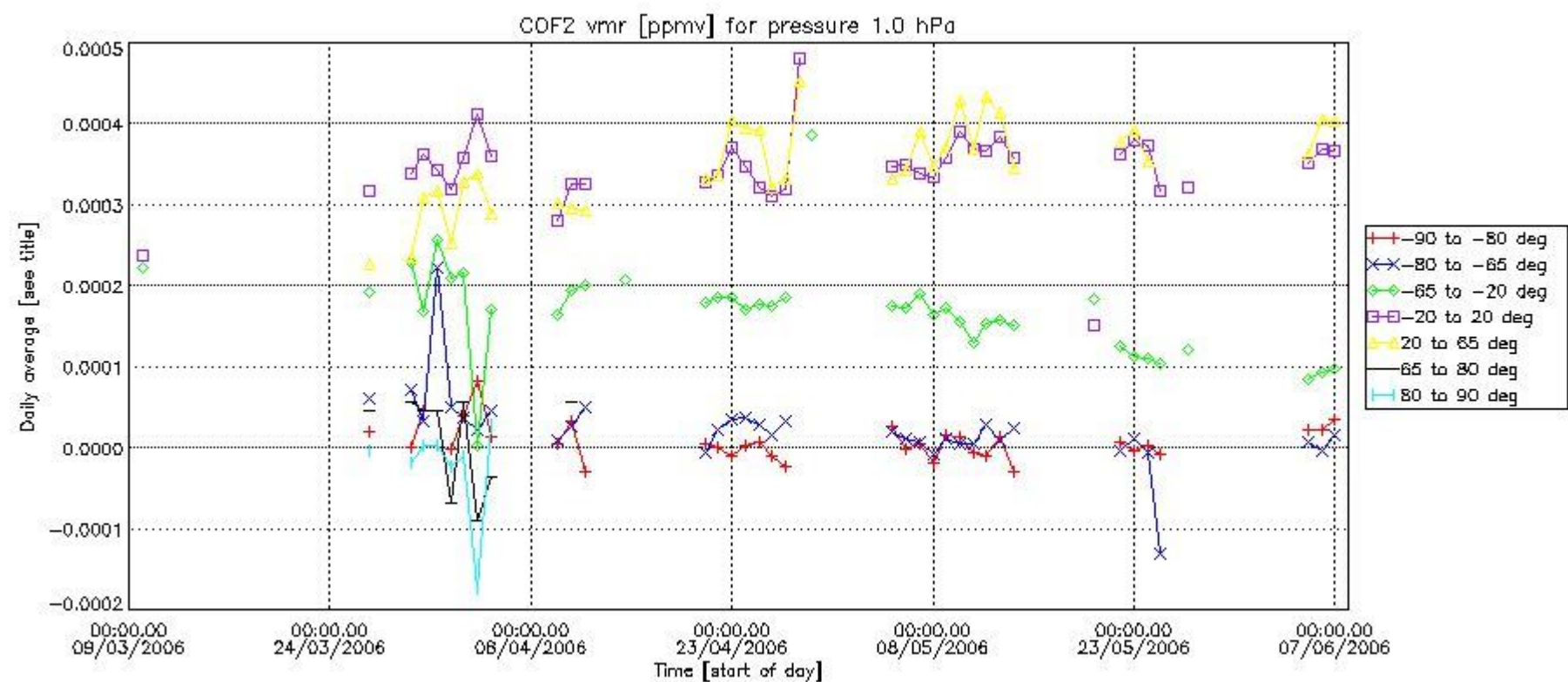


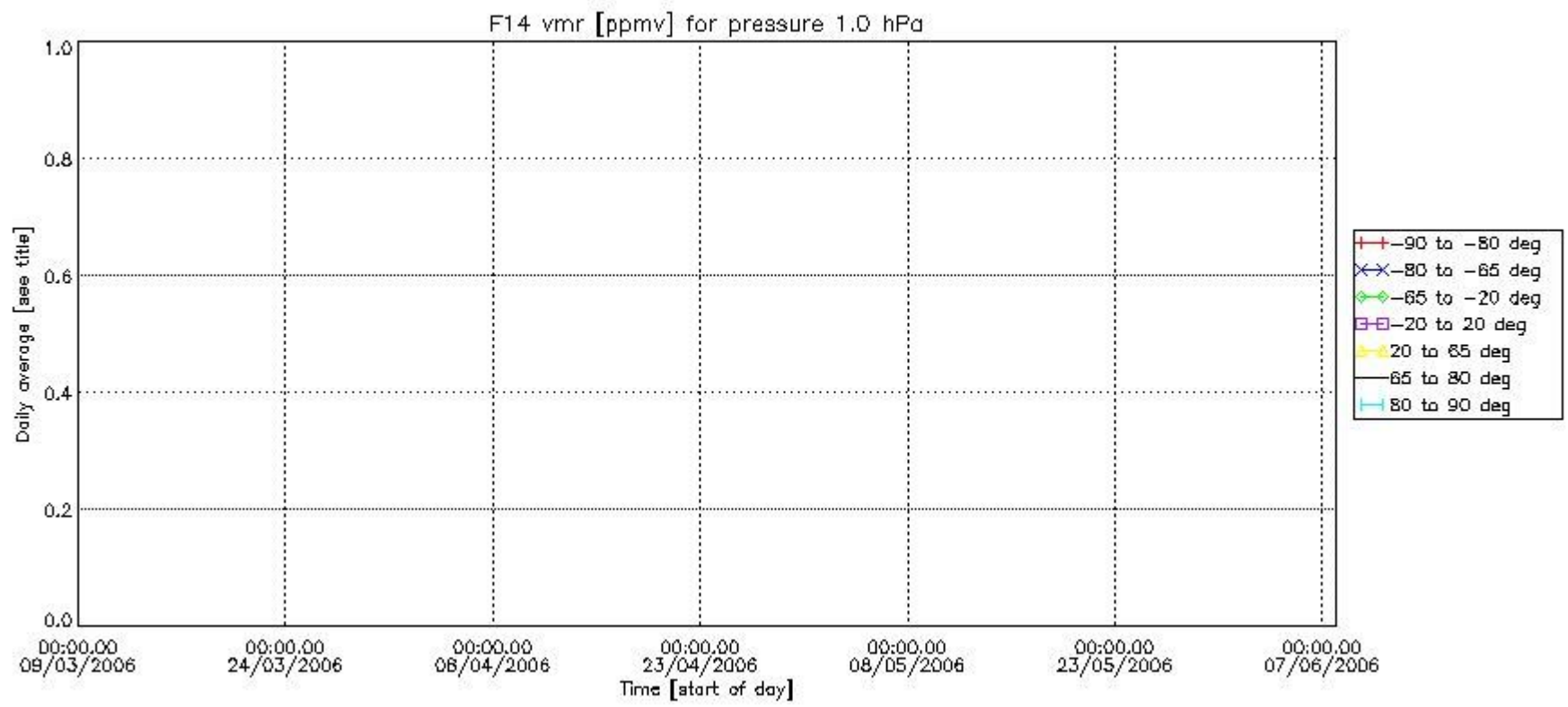
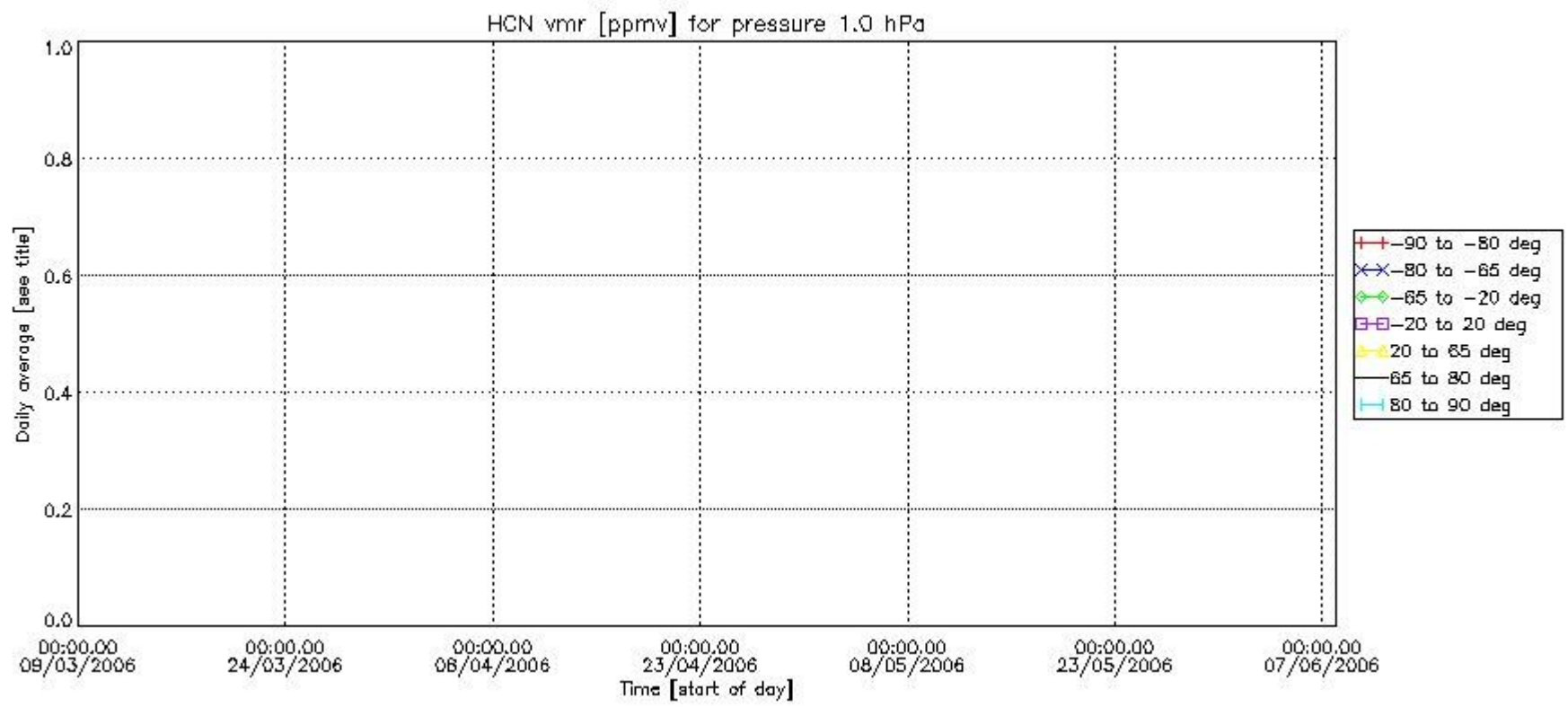


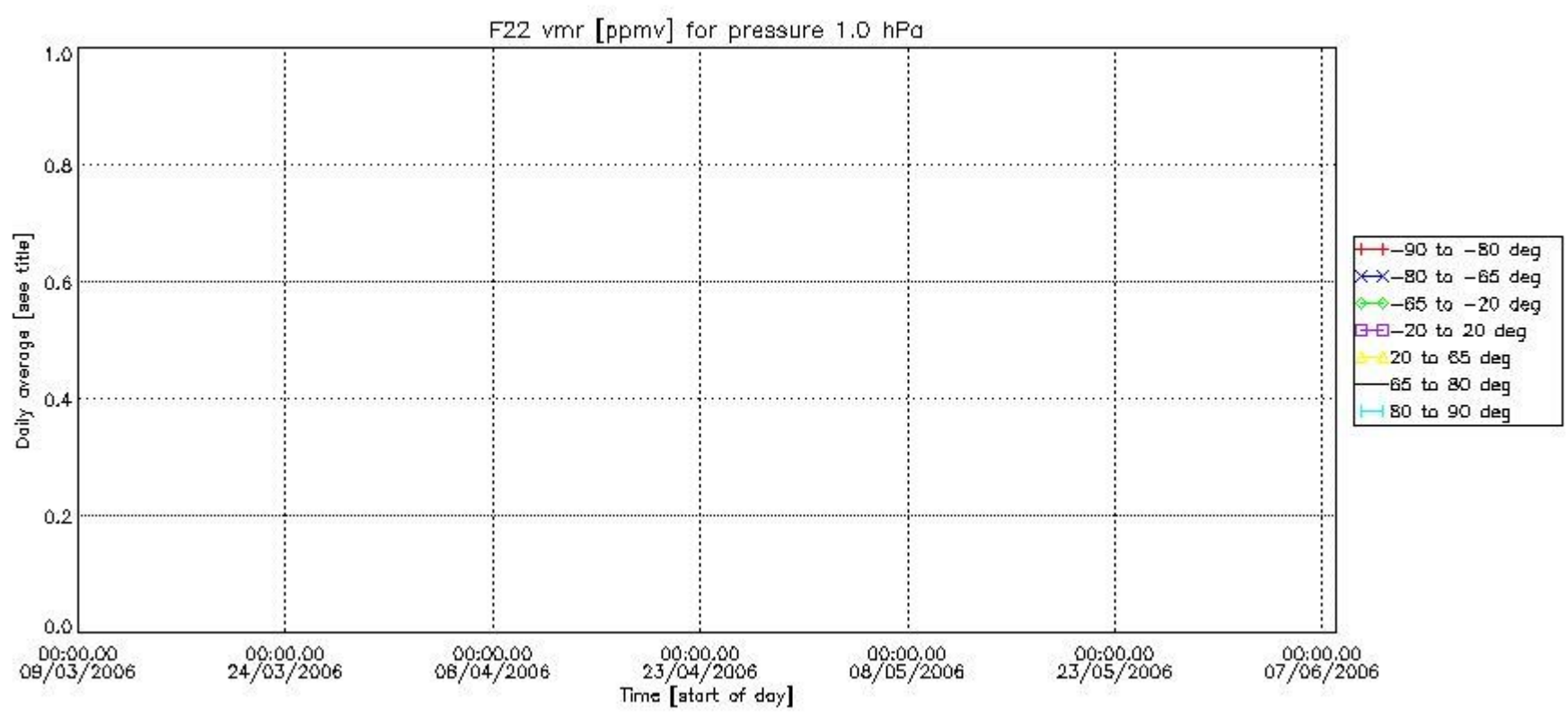












Number of successful retrievals vs. geolocation (*=day side , triangle=night side).

