

2. MIPAS Daily Report for level 2 products summary report

(See [mipas_daily_report_level2_ML2PP_7_03_W_20060723.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 18:56:47
Data source version	ML2PP/7.03-W
Processing scope for products	23JUL2006 00:00:00 to 24JUL2006 00:00:00
Start time of first product within scope	22JUL2006 23:23:22
Stop time of last product within scope	24JUL2006 00:32:14
Total number of level 2 products	8
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__2PWDSI20060722_232322_000050402049_00374_22973_1000.N1	22JUL2006 23:23:22	23JUL2006 00:47:22	0	111/111	P_T_TERM_MACRO_MICRO[macro:1], VMR_TERM_MACRO_MICRO[CLNO/macro:1]
1	MIP_NL__2PWDSI20060723_072438_000012532049_00378_22977_1000.N1	23JUL2006 07:24:38	23JUL2006 07:45:31	0	24/24	
2	MIP_NL__2PWDSI20060723_074621_000060302049_00379_22978_1000.N1	23JUL2006 07:46:21	23JUL2006 09:26:51	0	109/109	VMR_TERM_MACRO_MICRO[HCN/macro:2; HCN/micro:1]
3	MIP_NL__2PWDSI20060723_092657_000060302049_00380_22979_1000.N1	23JUL2006 09:26:57	23JUL2006 11:07:27	0	128/128	VMR_TERM_MACRO_MICRO[HCN/micro:1]
4	MIP_NL__2PWDSI20060723_110733_000050402049_00381_22980_1000.N1	23JUL2006 11:07:33	23JUL2006 12:31:33	0	111/111	VMR_TERM_MACRO_MICRO[CLNO/macro:1; HCN/micro:1]
5	MIP_NL__2PWDSI20060723_205220_000010782049_00386_22985_1000.N1	23JUL2006 20:52:20	23JUL2006 21:10:19	0	20/20	
6	MIP_NL__2PWDSI20060723_211109_000060302049_00387_22986_1000.N1	23JUL2006 21:11:09	23JUL2006 22:51:38	0	128/128	P_T_TERM_MACRO_MICRO[micro:1], VMR_TERM_MACRO_MICRO[HCN/macro:1; NO2/micro:1; CLNO/micro:2]
7	MIP_NL__2PWDSI20060723_225145_000060302049_00388_22987_1000.N1	23JUL2006 22:51:45	24JUL2006 00:32:14	0	128/128	VMR_TERM_MACRO_MICRO[HCN/macro:1]

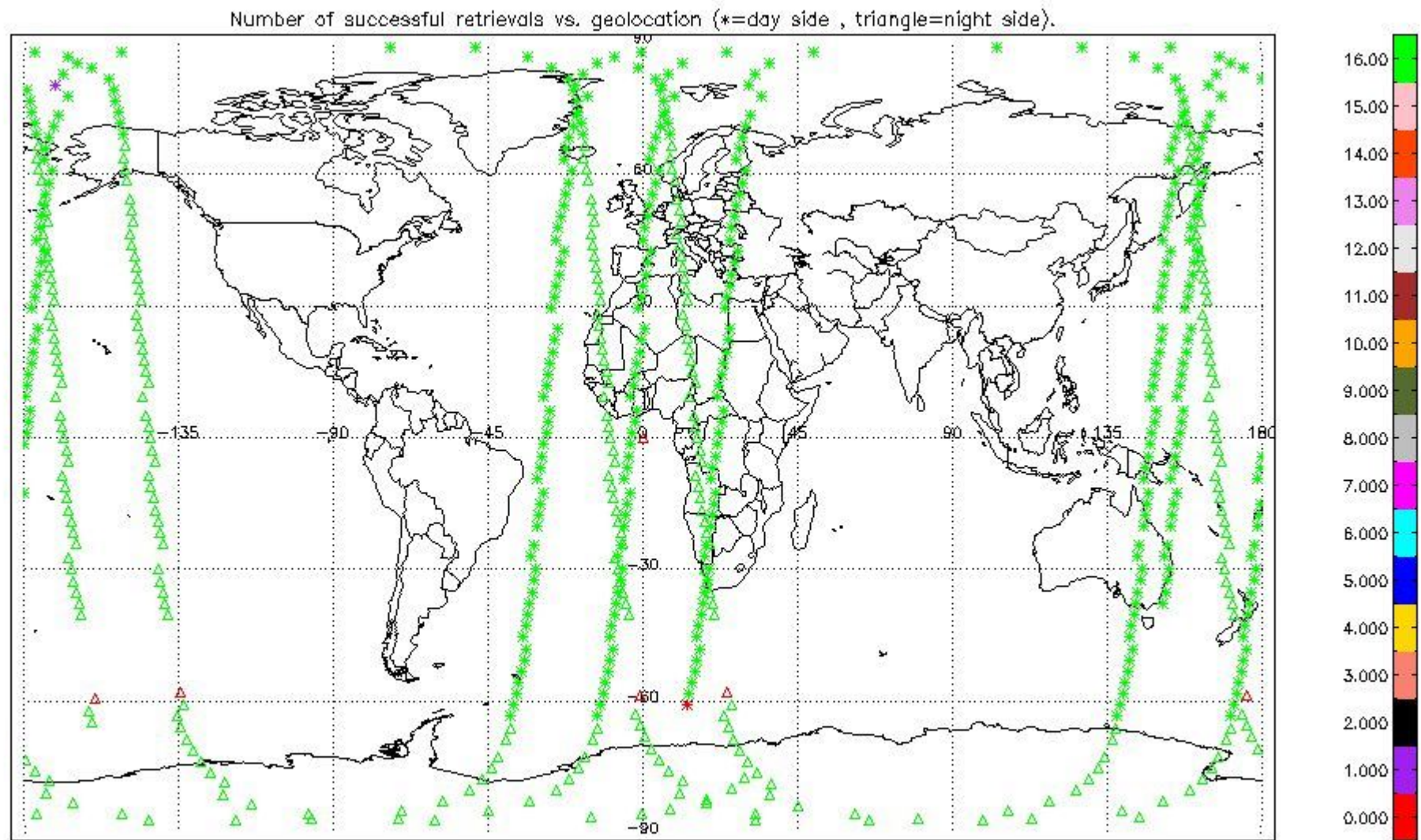
2.2 Processing performance indicators

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.

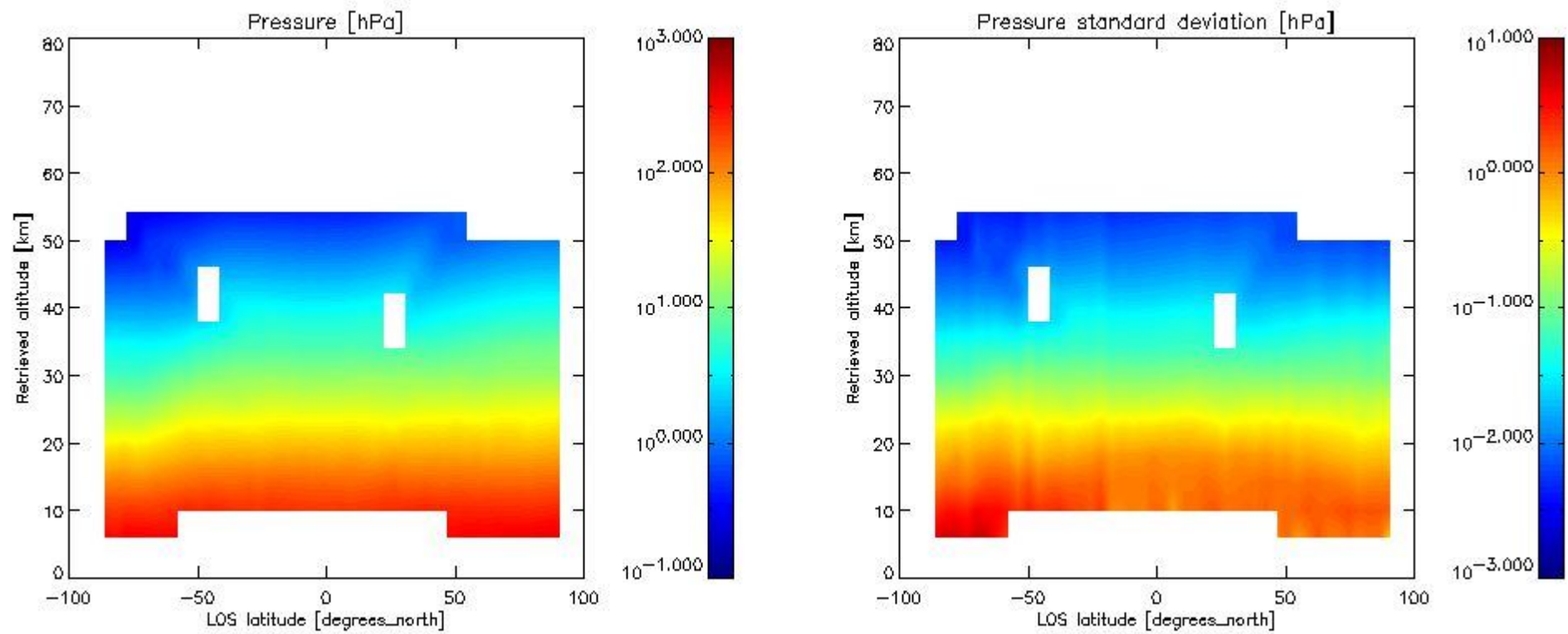
RETRIEVAL MDS	# scans processed	# Successful retrievals	%
PT	759	662	87.220
H2O	759	661	87.088

O3	759	661	87.088
HNO3	759	661	87.088
CH4	759	661	87.088
N2O	759	661	87.088
NO2	759	661	87.088
F11	759	661	87.088
CLNO	759	661	87.088
N2O5	759	661	87.088
F12	759	661	87.088
COF2	759	661	87.088
CCL4	759	661	87.088
HCN	759	661	87.088
F14	759	661	87.088
F22	759	661	87.088



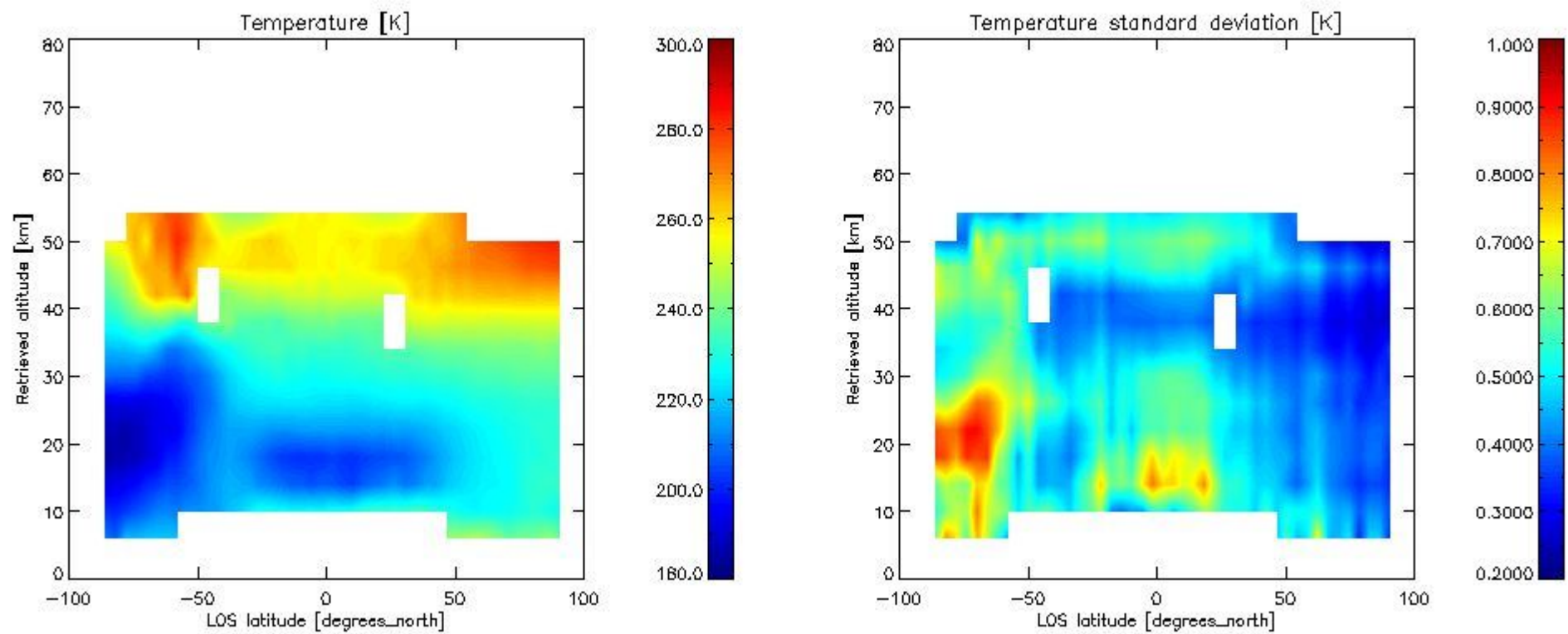
2.2.2 Pressure overview

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



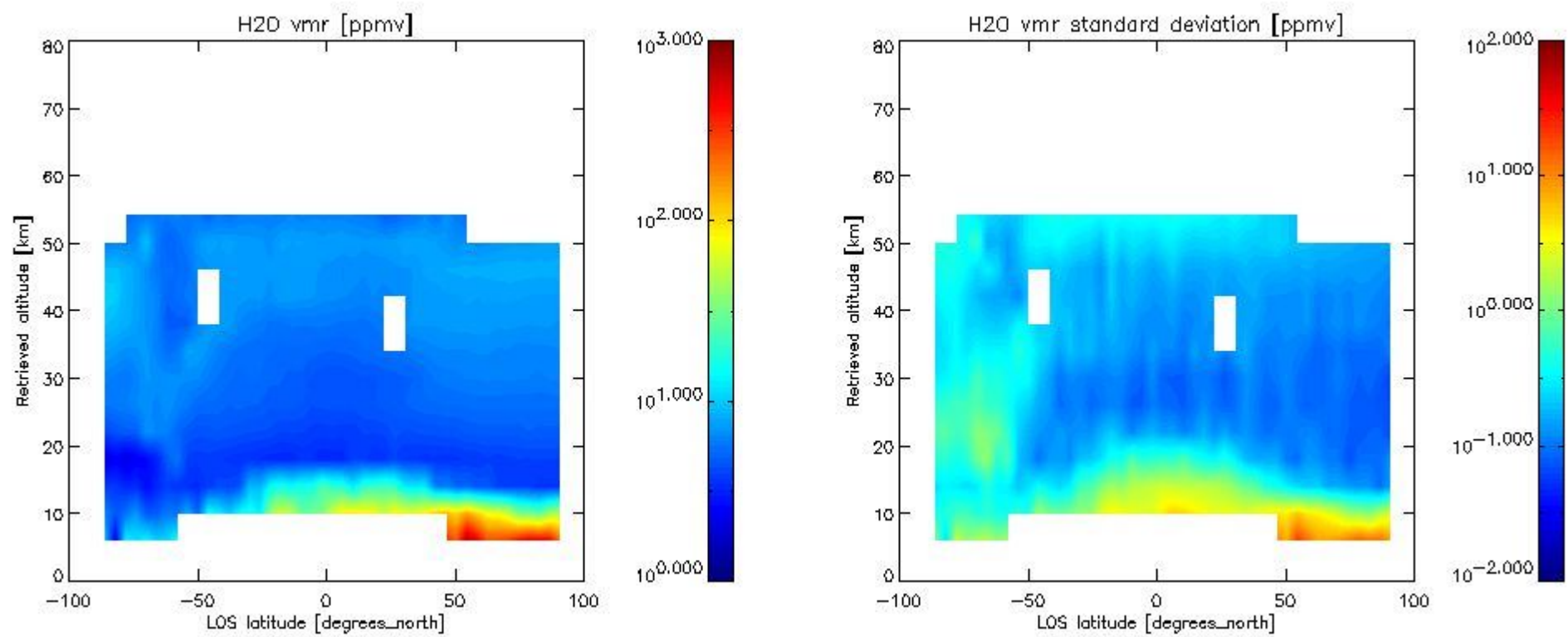
2.2.3 Temperature overview

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

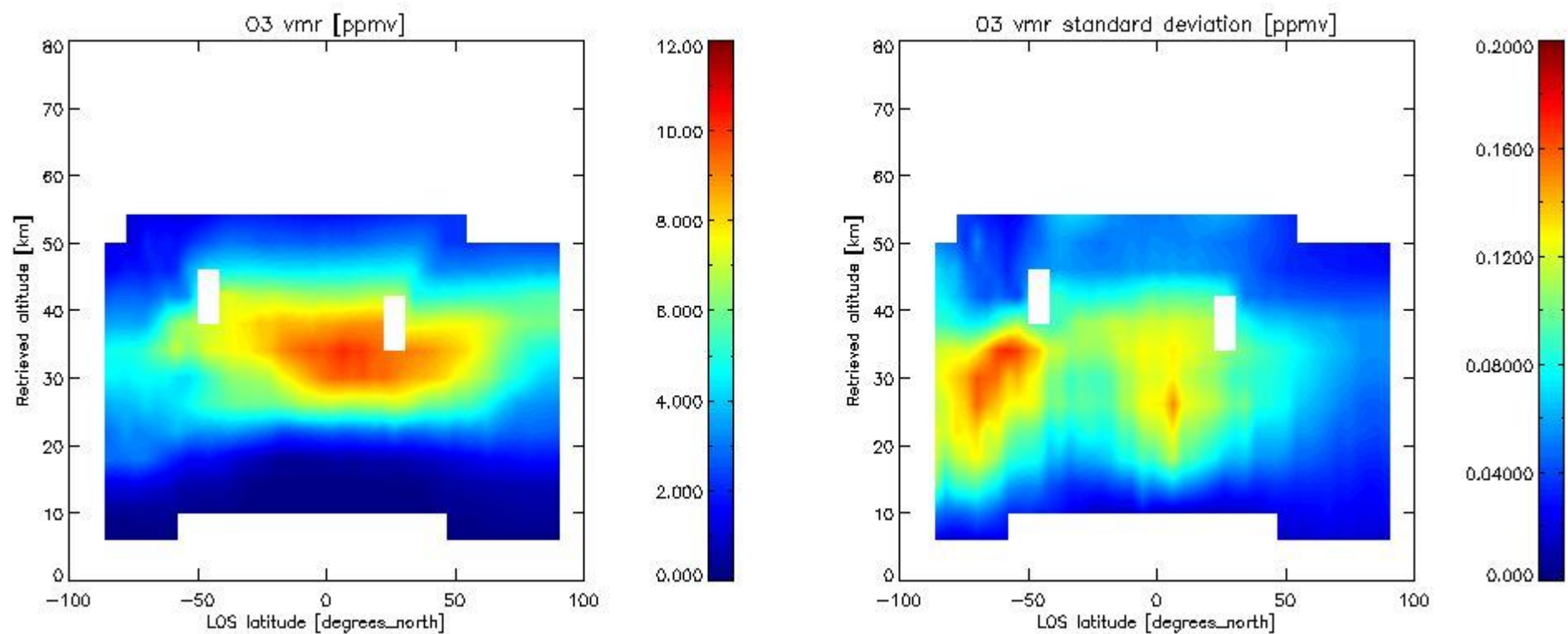


2.2.4 Species overview

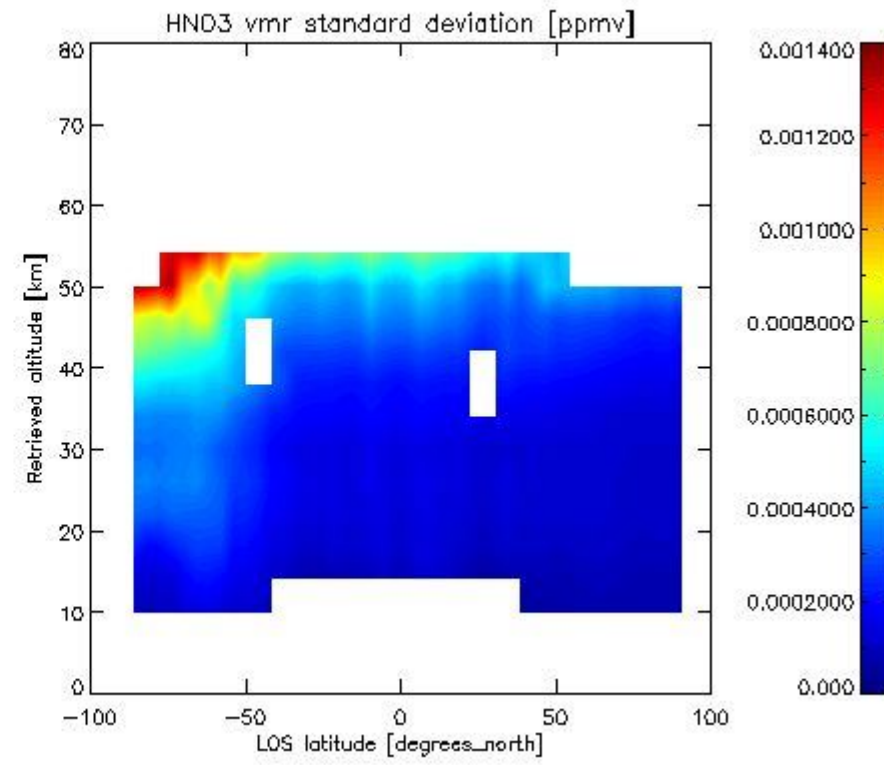
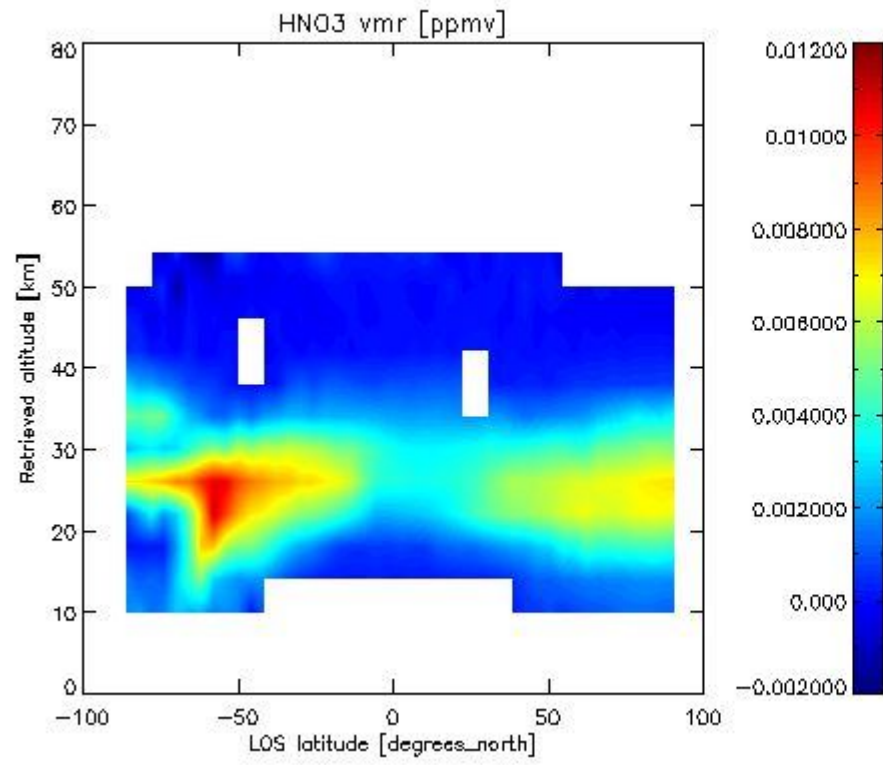
2.2.4.1 H₂O overview This section shows values (left) and error (right) for H₂O after binning individual sweep values over retrieved altitude and tangent latitude.



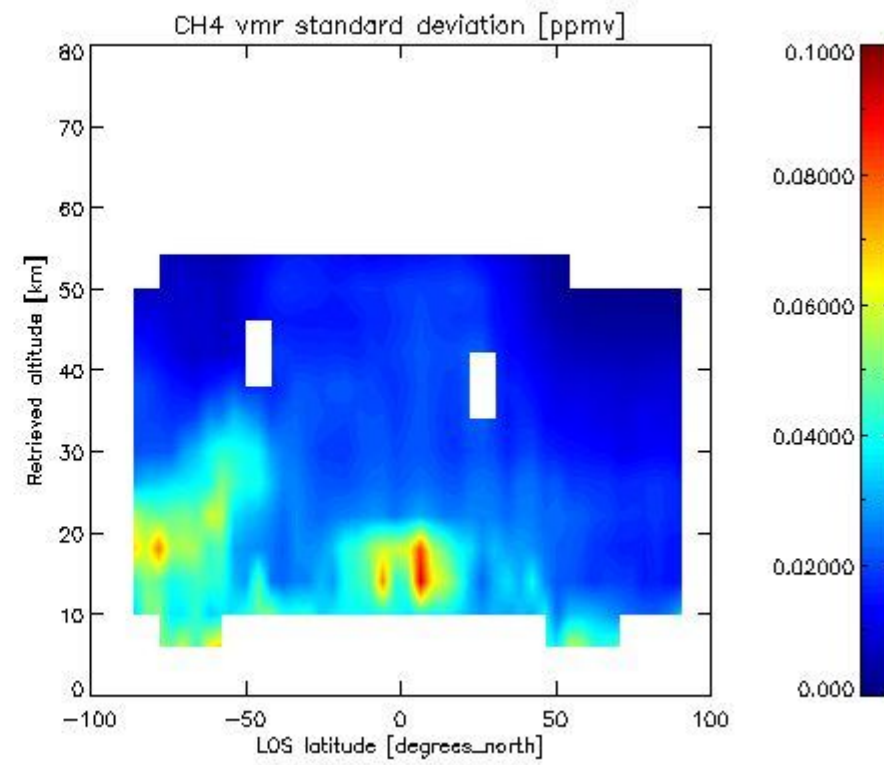
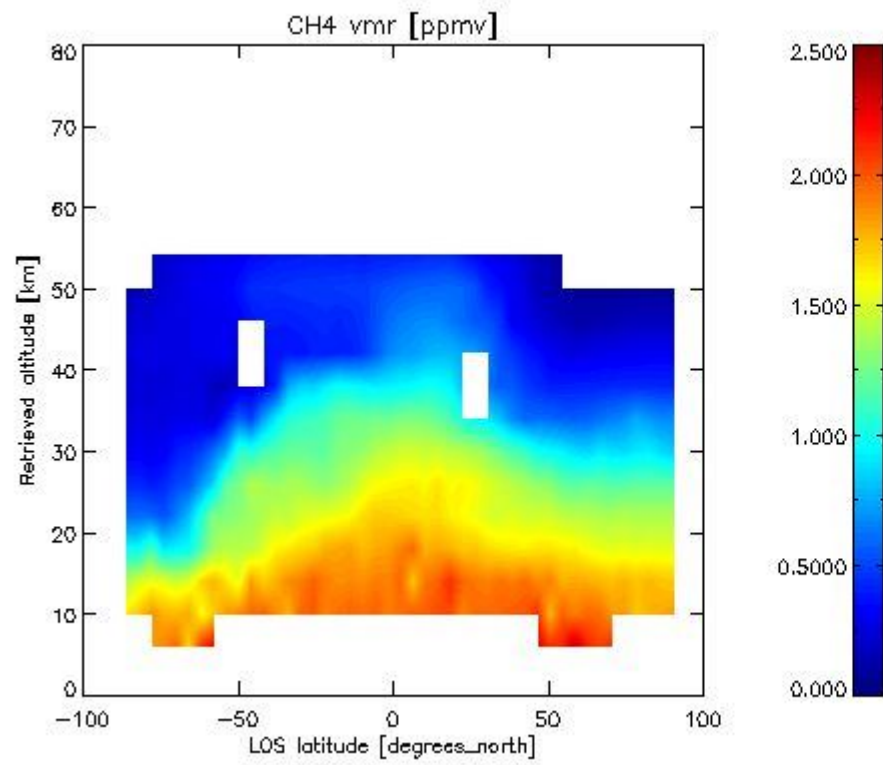
2.2.4.2 O3 overview This section shows values (left) and error (right) for O3 after binning individual sweep values over retrieved altitude and tangent latitude.



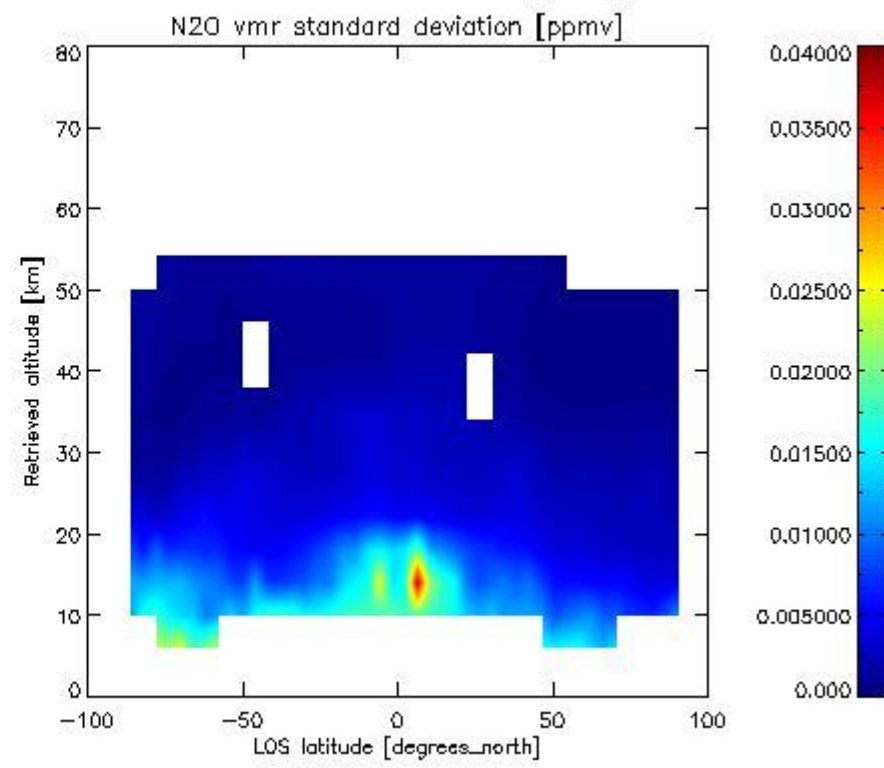
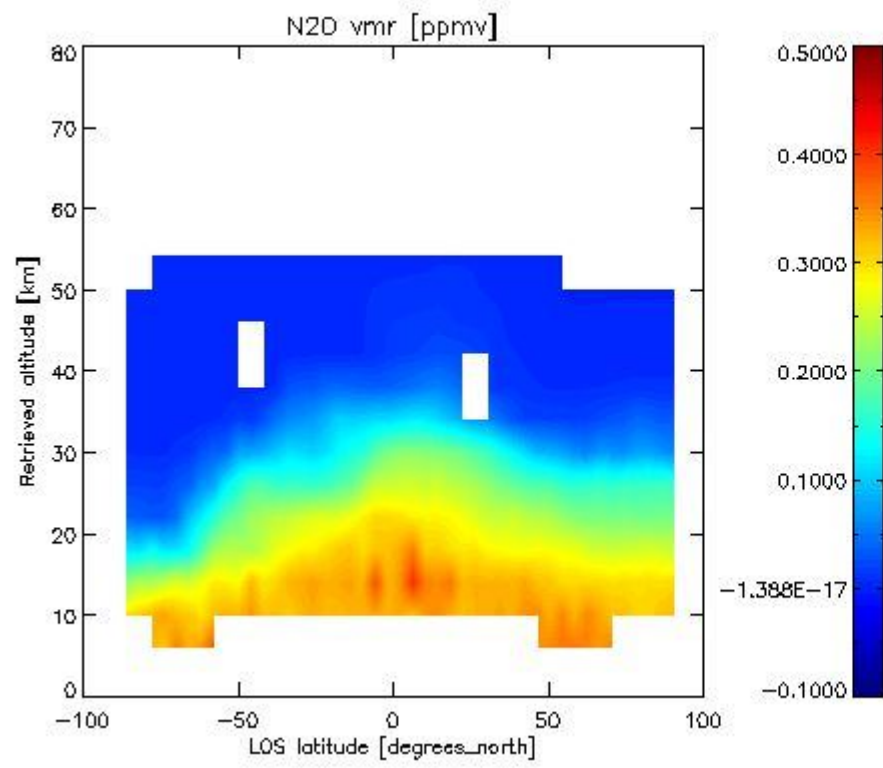
2.2.4.3 HNO3 overview This section shows values (left) and error (right) for HNO3 after binning individual sweep values over retrieved altitude and tangent latitude.



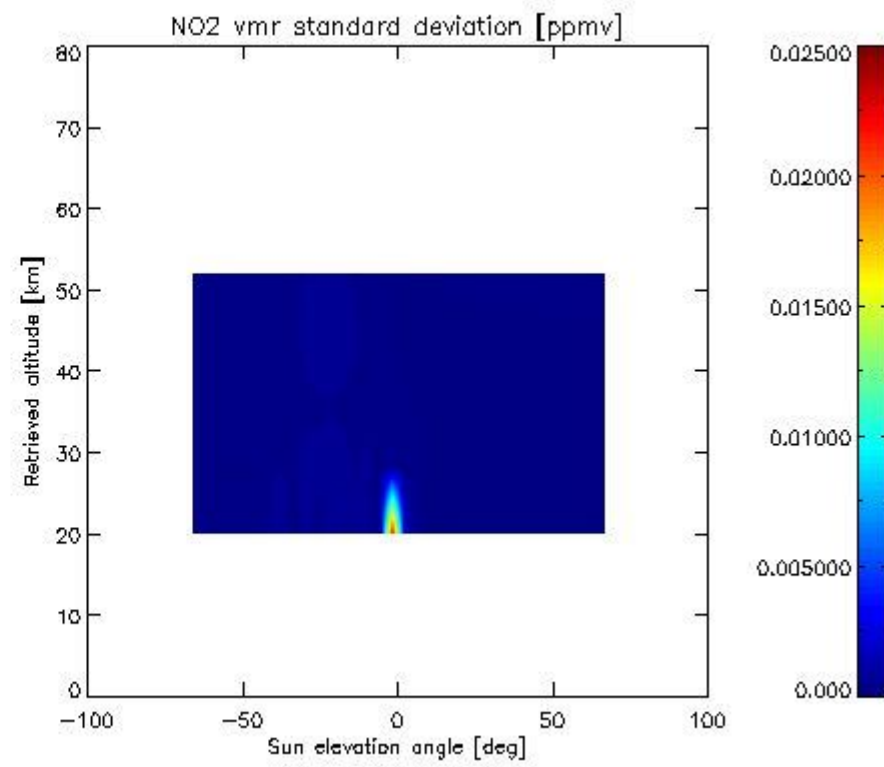
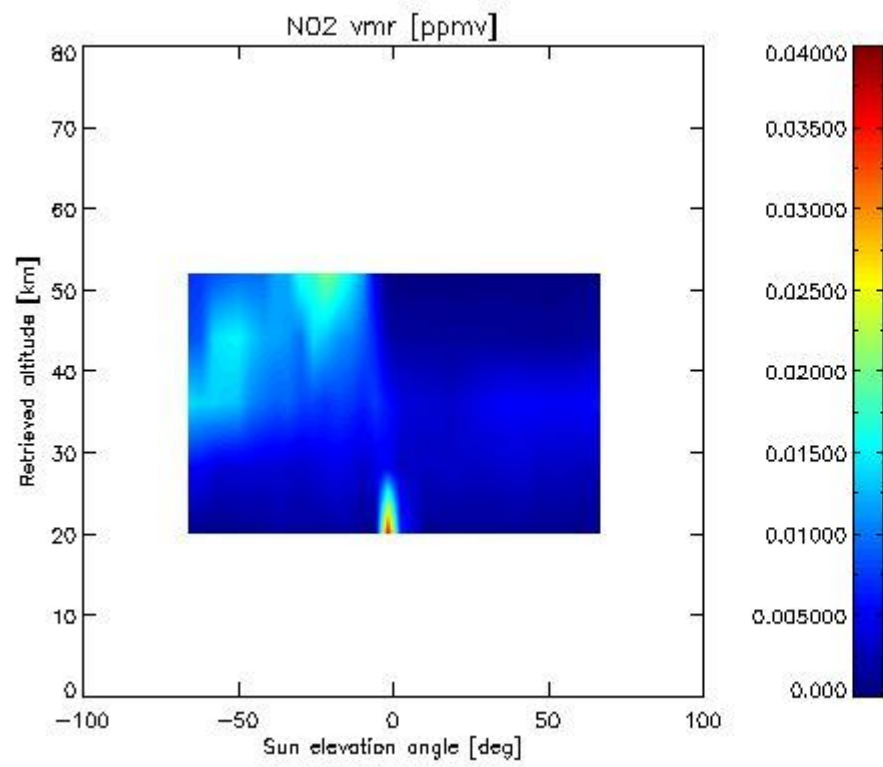
2.2.4.4 CH4 overview This section shows values (left) and error (right) for CH4 after binning individual sweep values over retrieved altitude and tangent latitude.



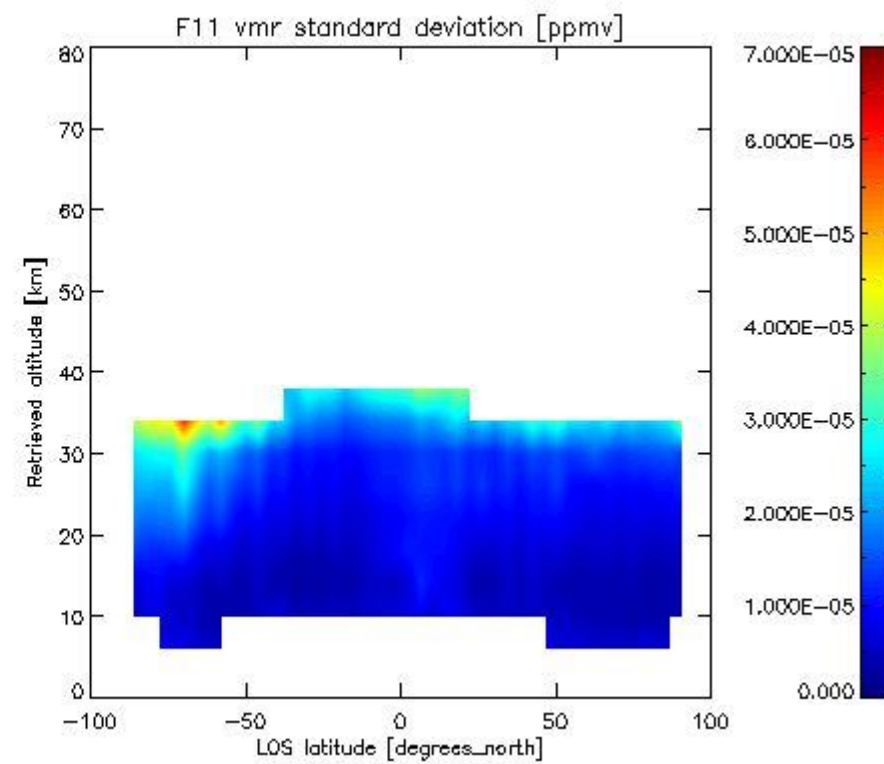
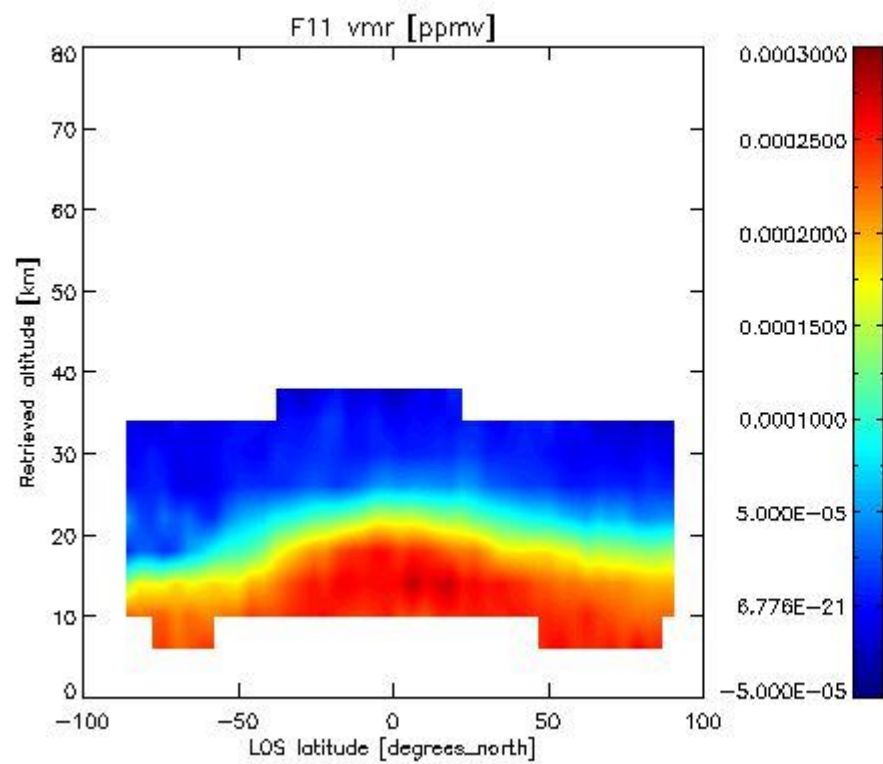
2.2.4.5 N2O overview This section shows values (left) and error (right) for N2O after binning individual sweep values over retrieved altitude and tangent latitude.



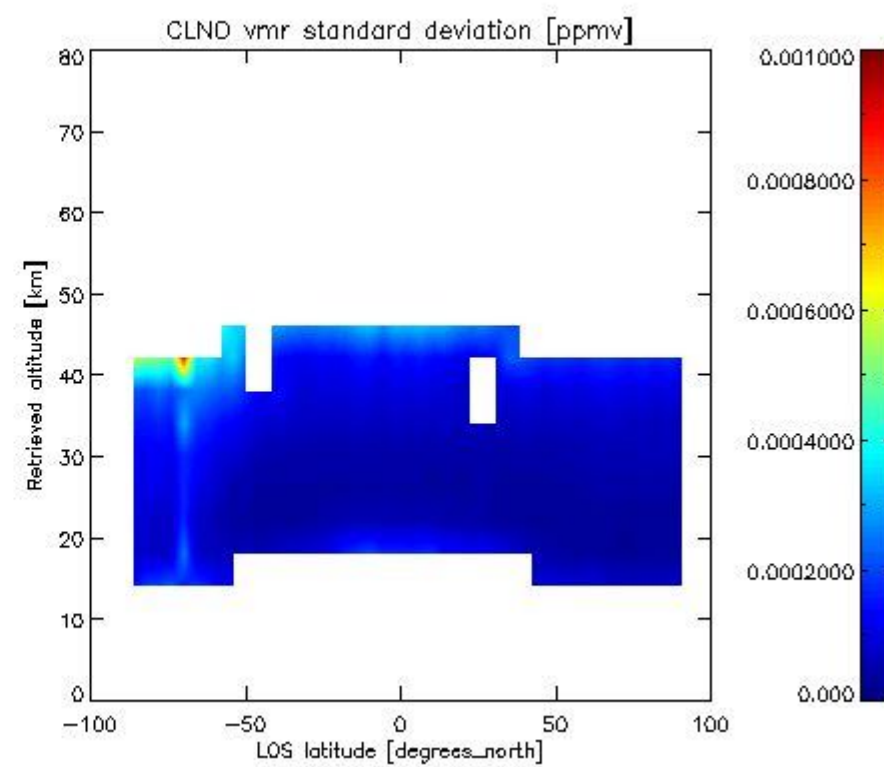
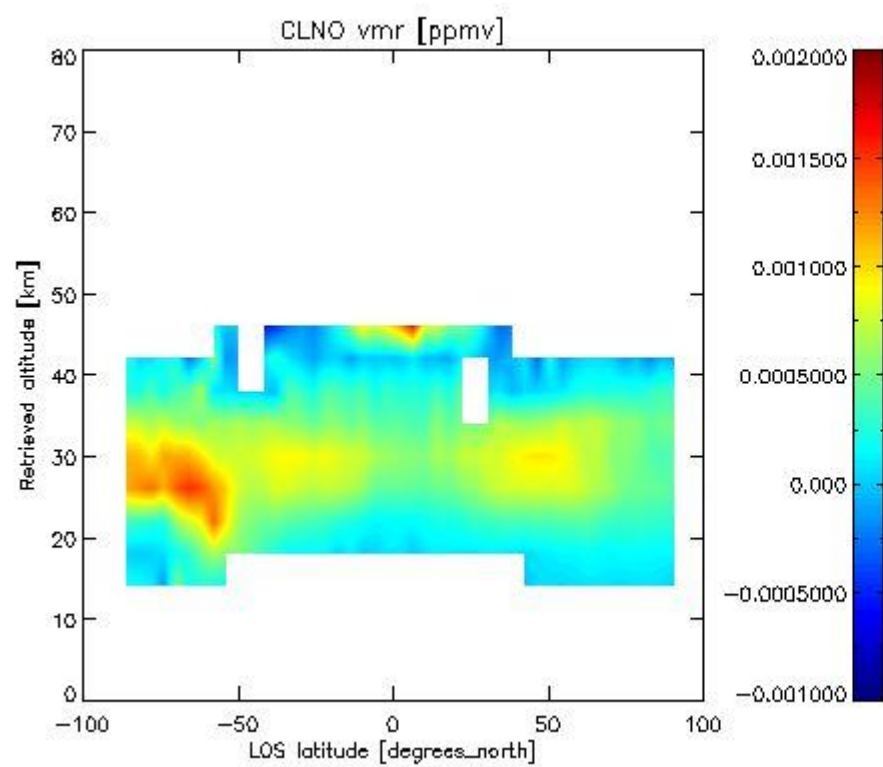
2.2.4.6 NO2 overview This section shows values (left) and error (right) for NO2 after binning individual sweep values over retrieved altitude and Sun Elevation Angle. Note that for NO2 the bin heights are 6 km.

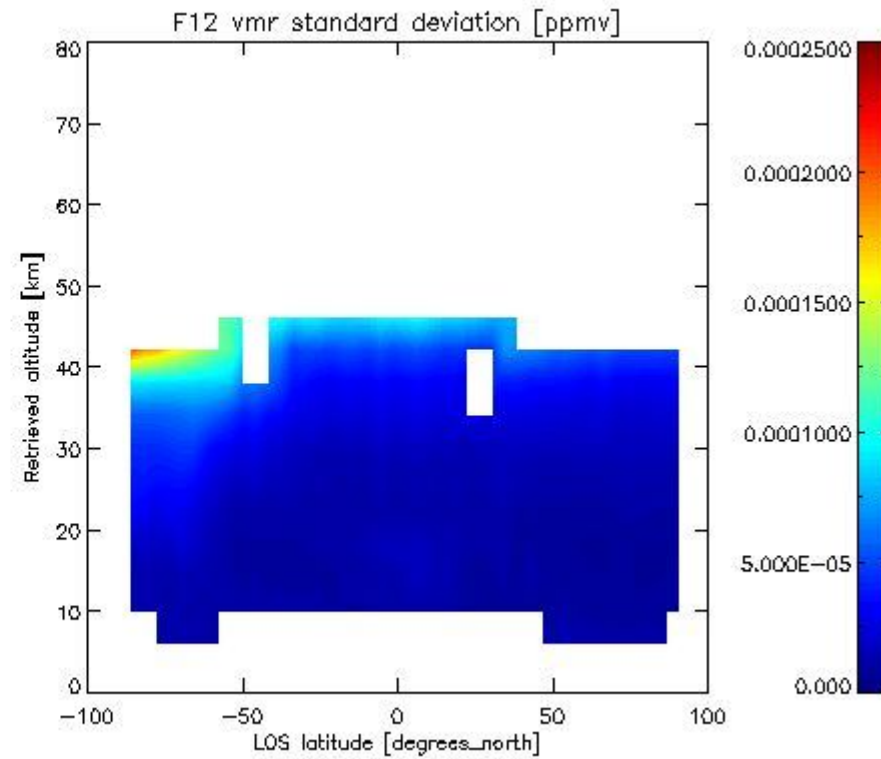
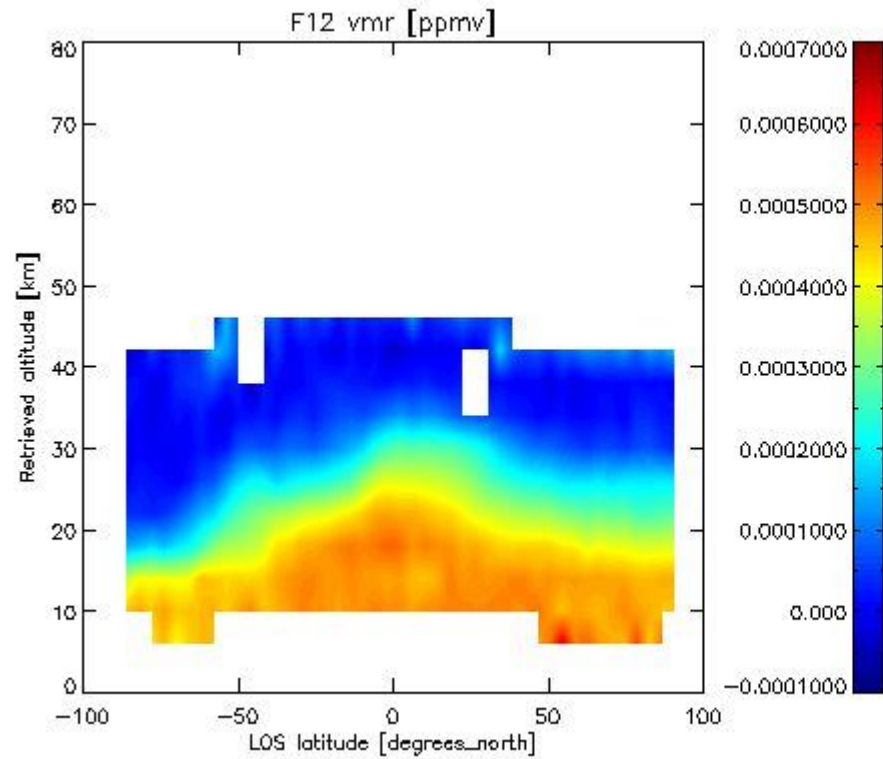
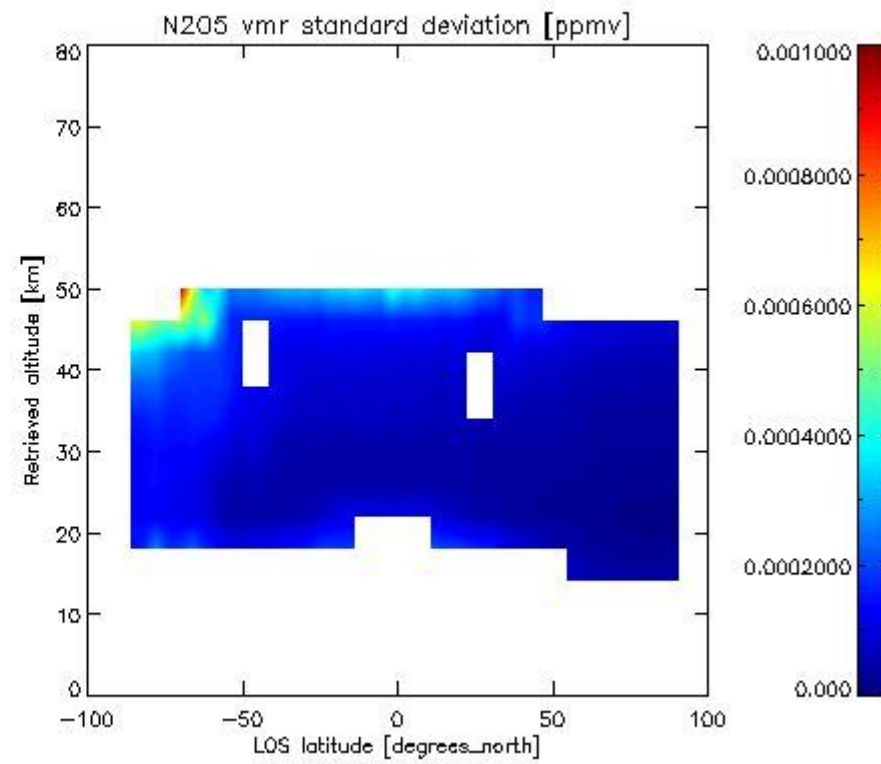
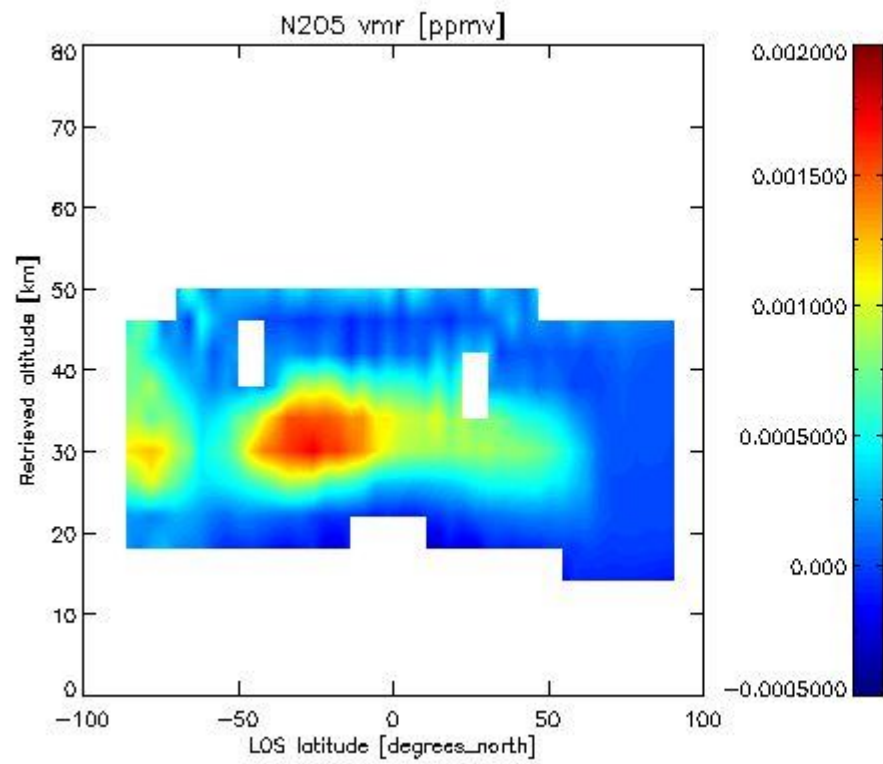


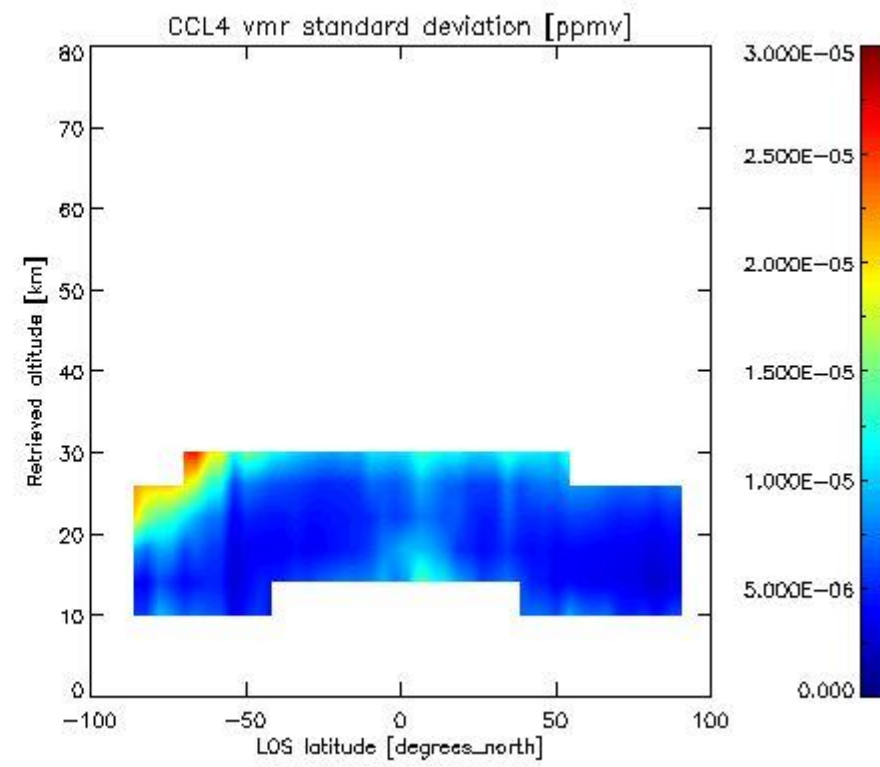
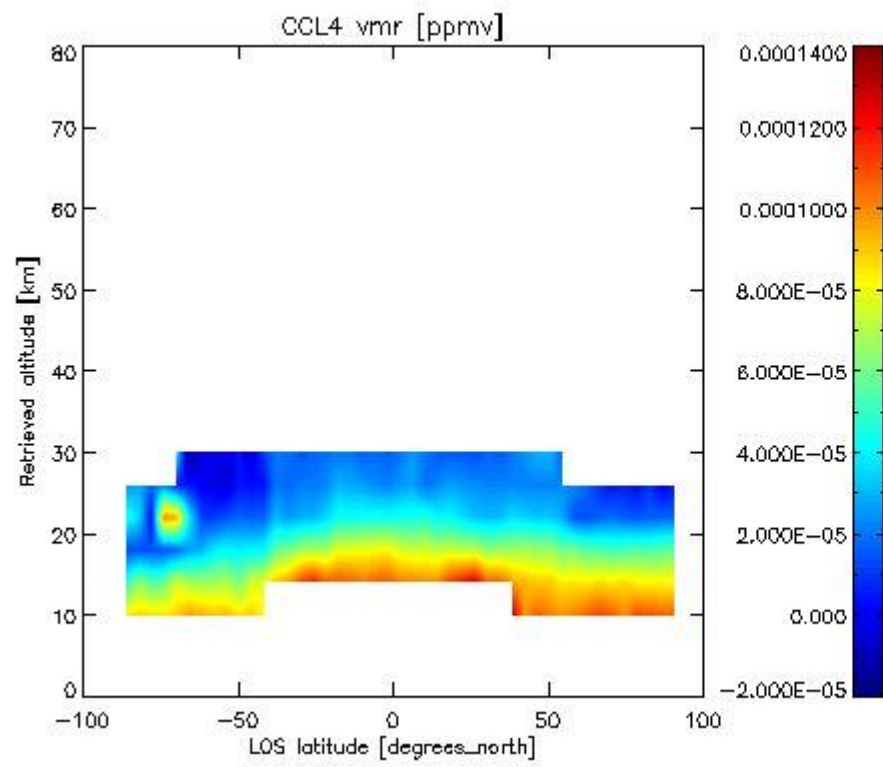
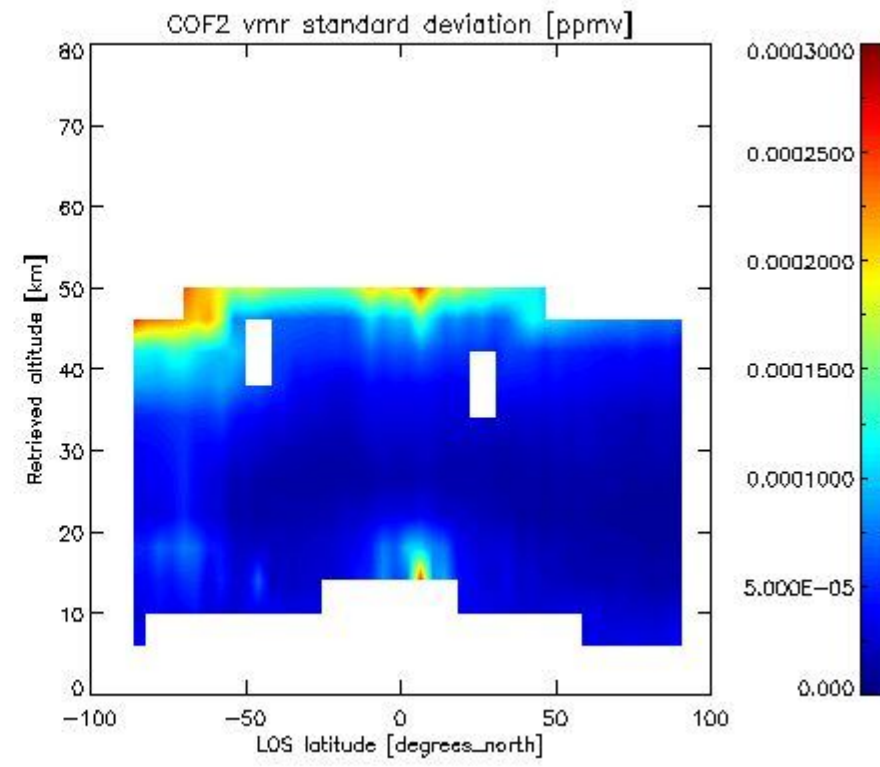
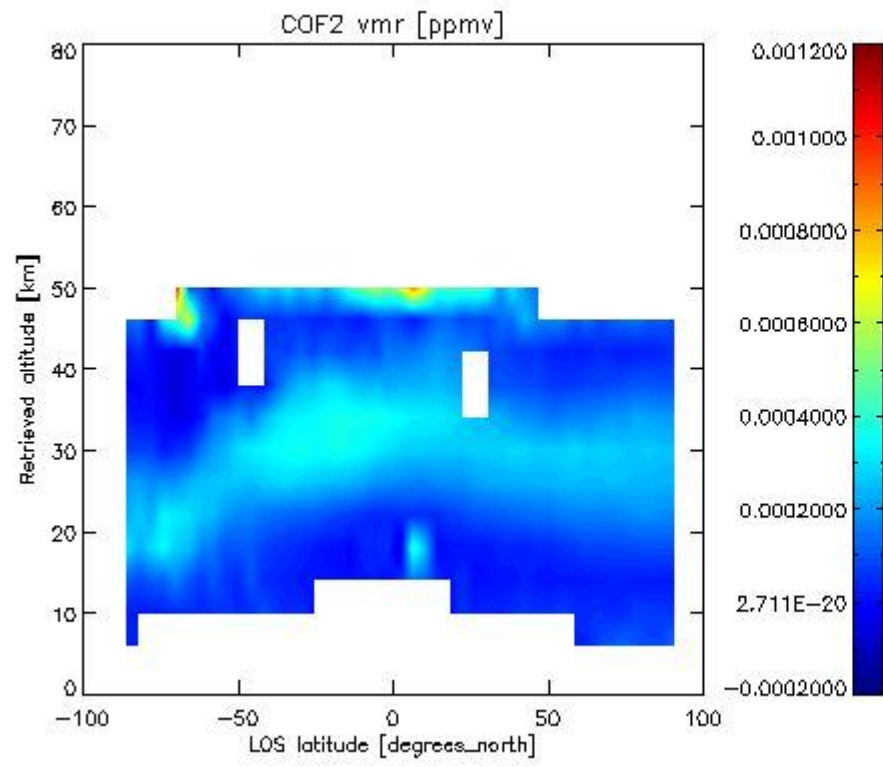
2.2.4.7 F11 overview This section shows values (left) and error (right) for F11 after binning individual sweep values over retrieved altitude and tangent latitude.

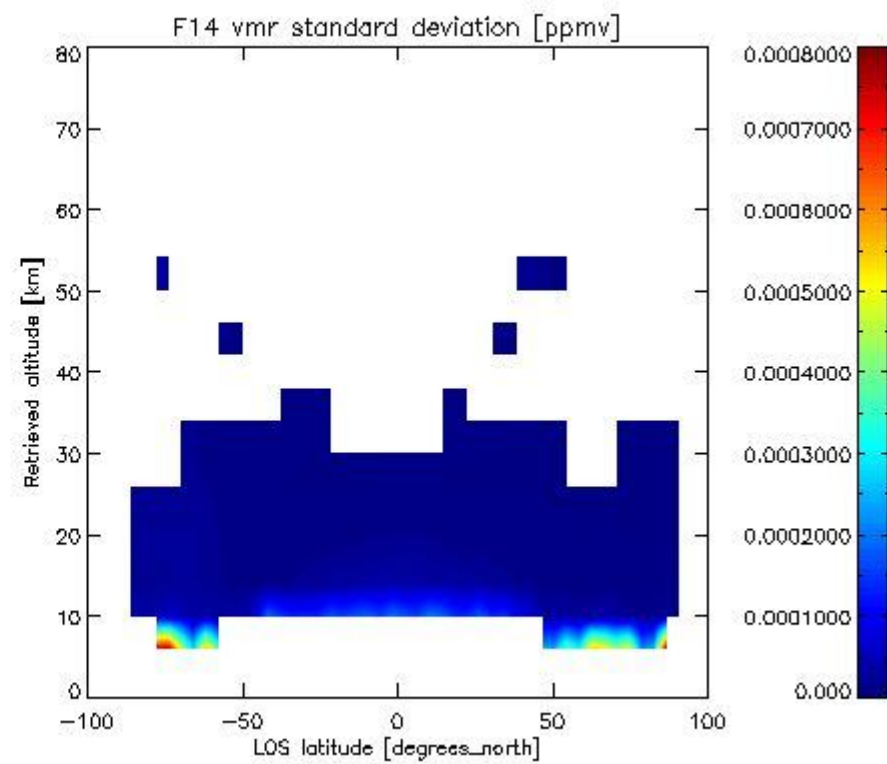
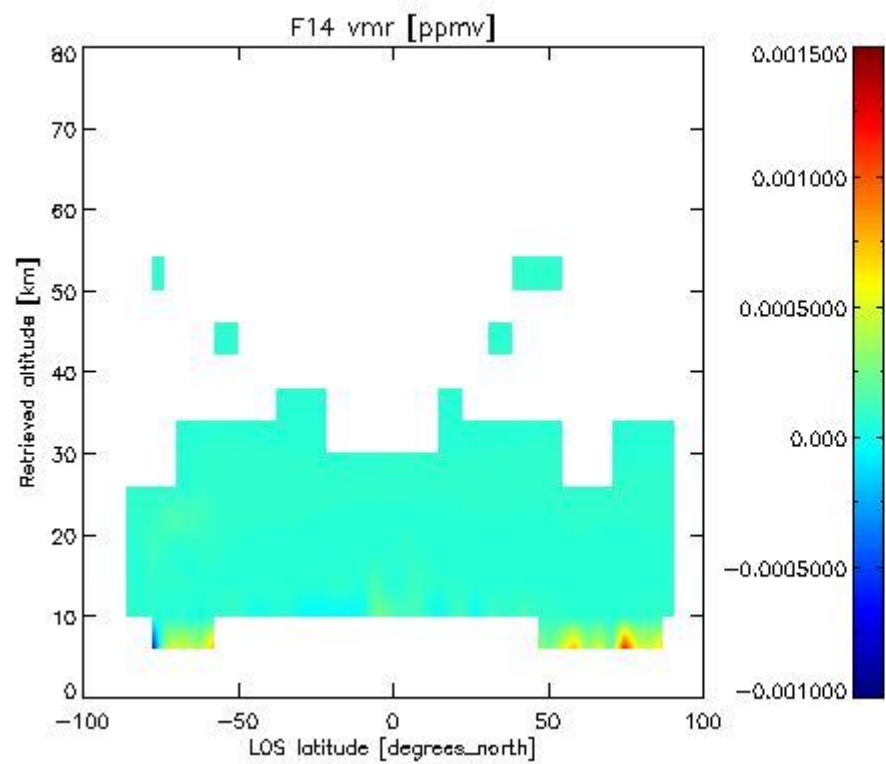
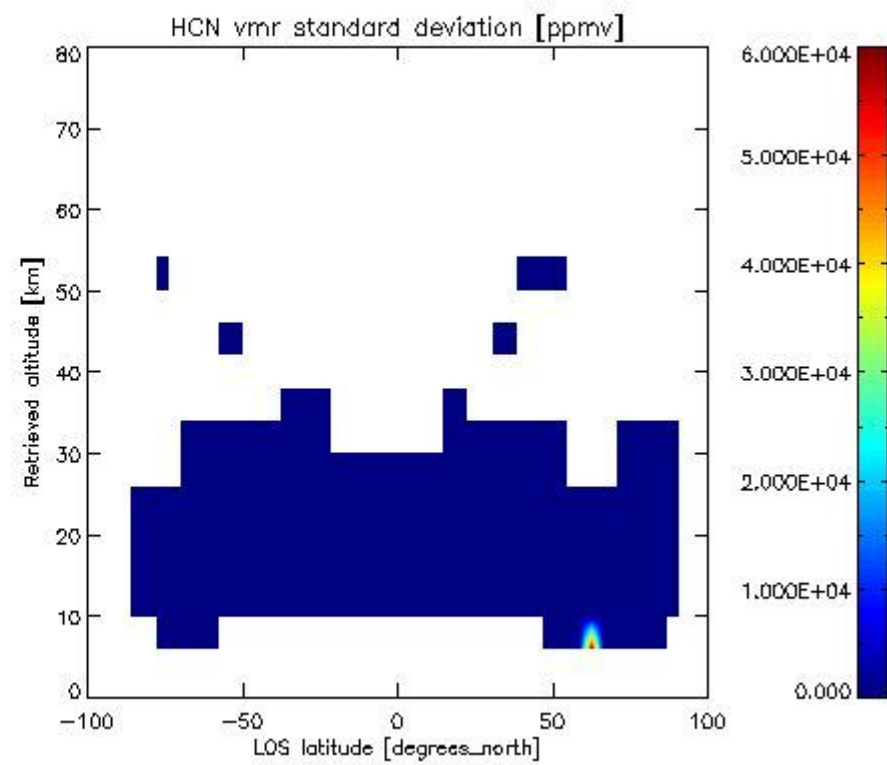
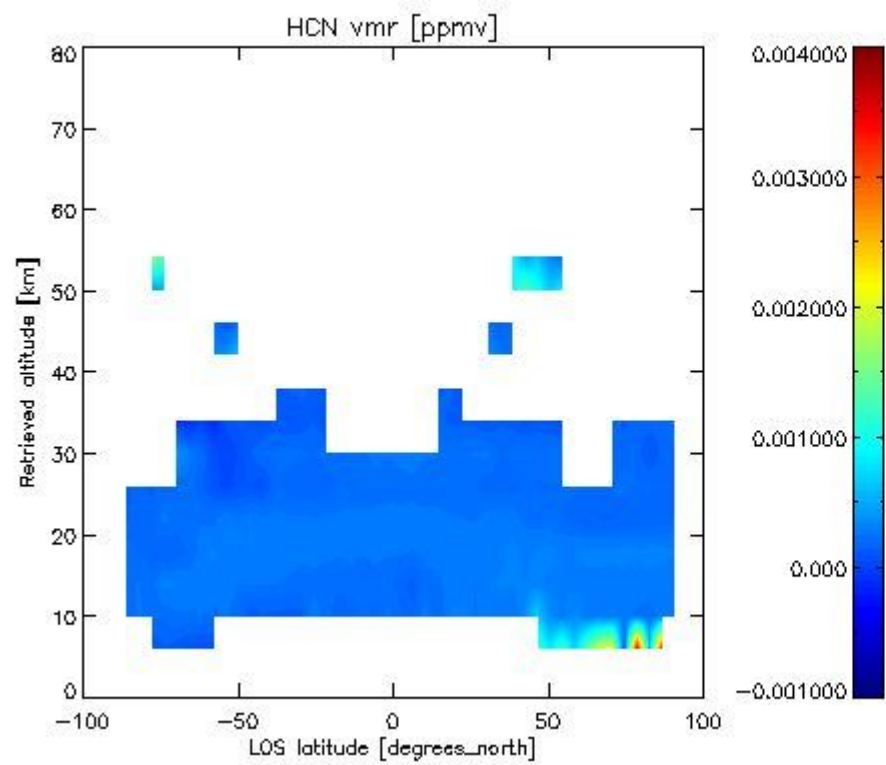


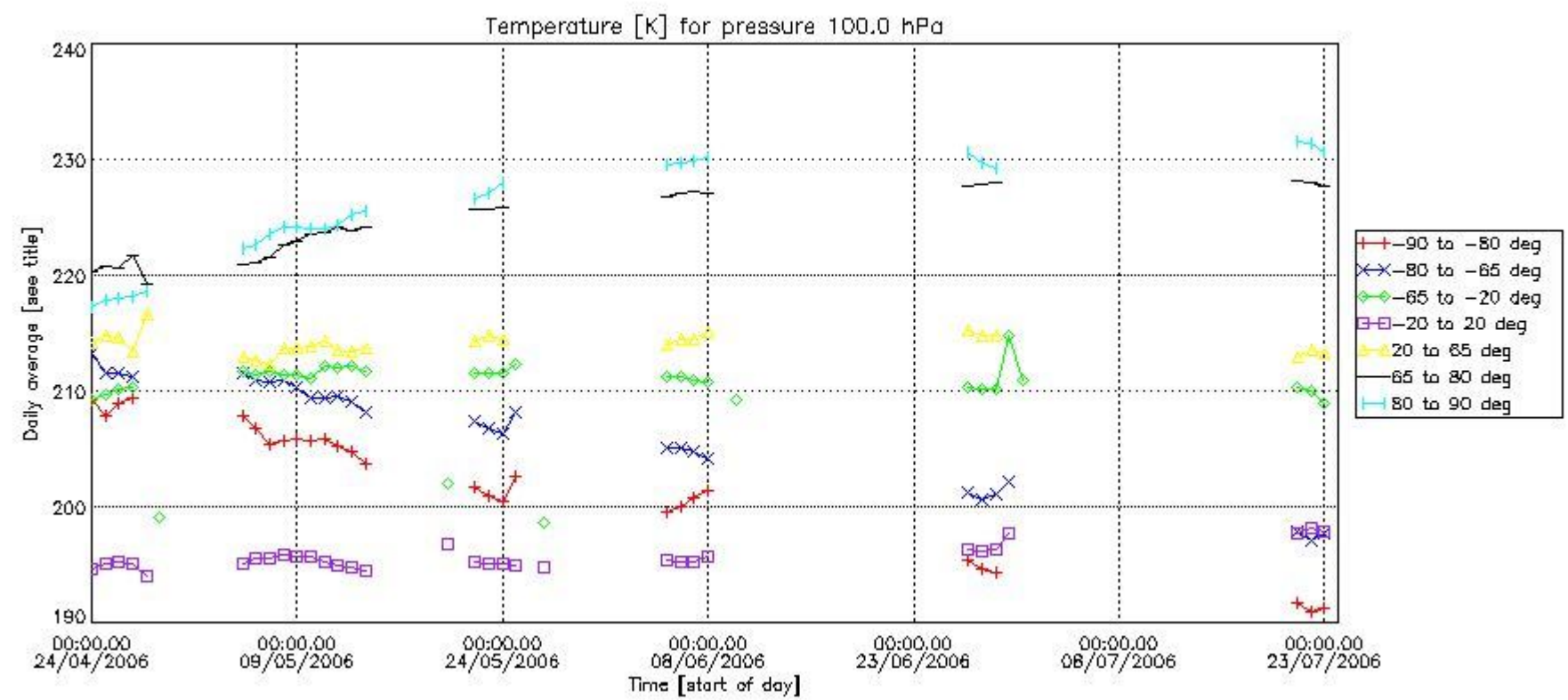
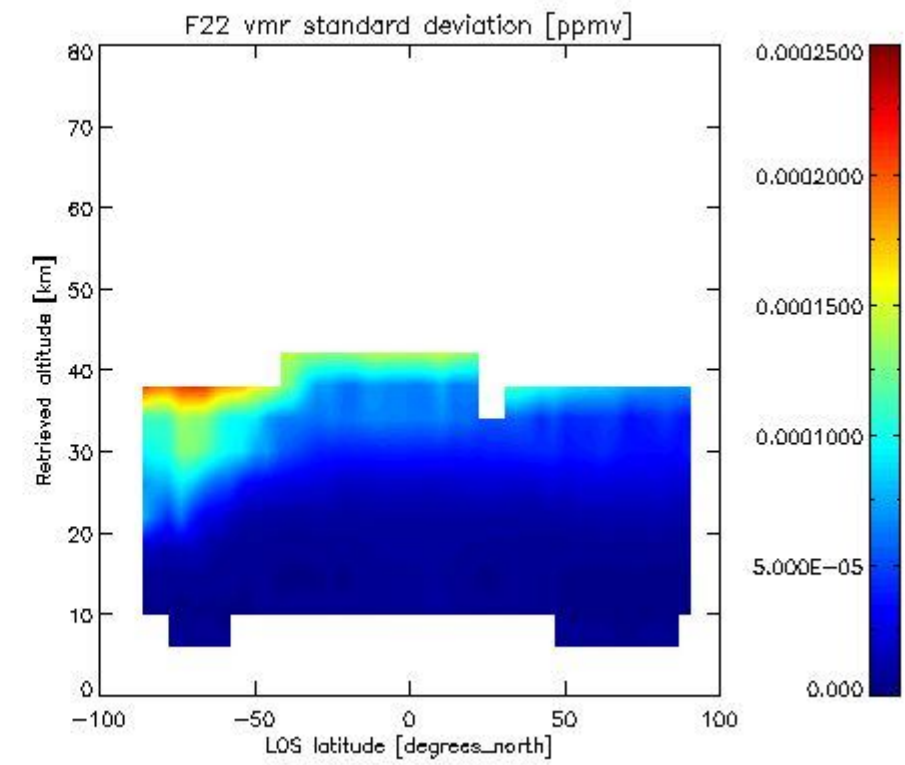
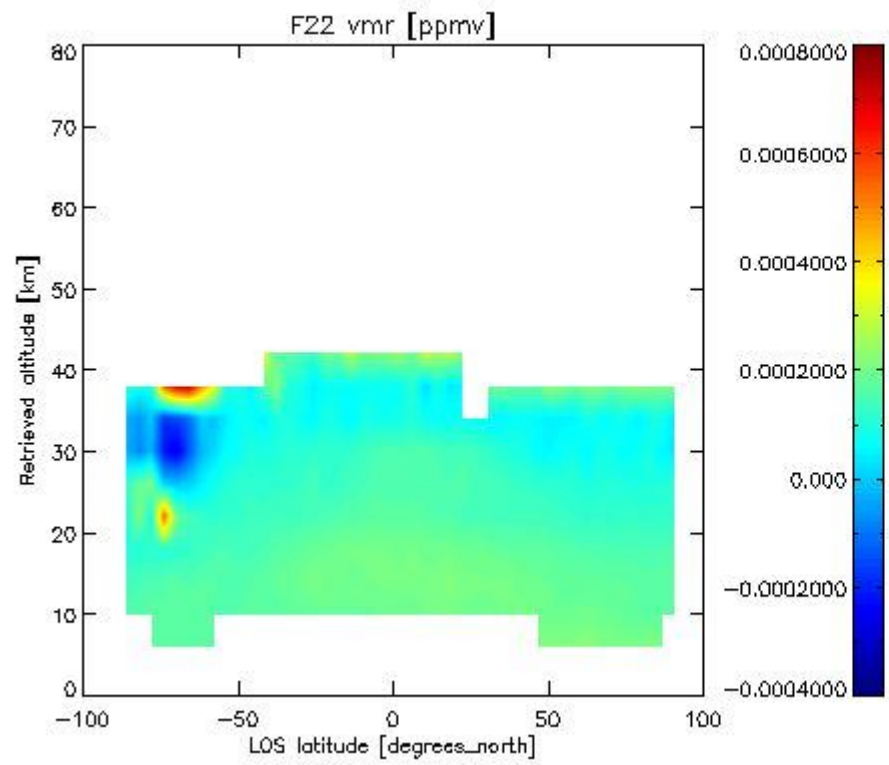
2.3.4 CLNO vmr: This section shows values (left) and error (right) for CLNO after binning individual vmr values over retrieved altitude and target latitude.

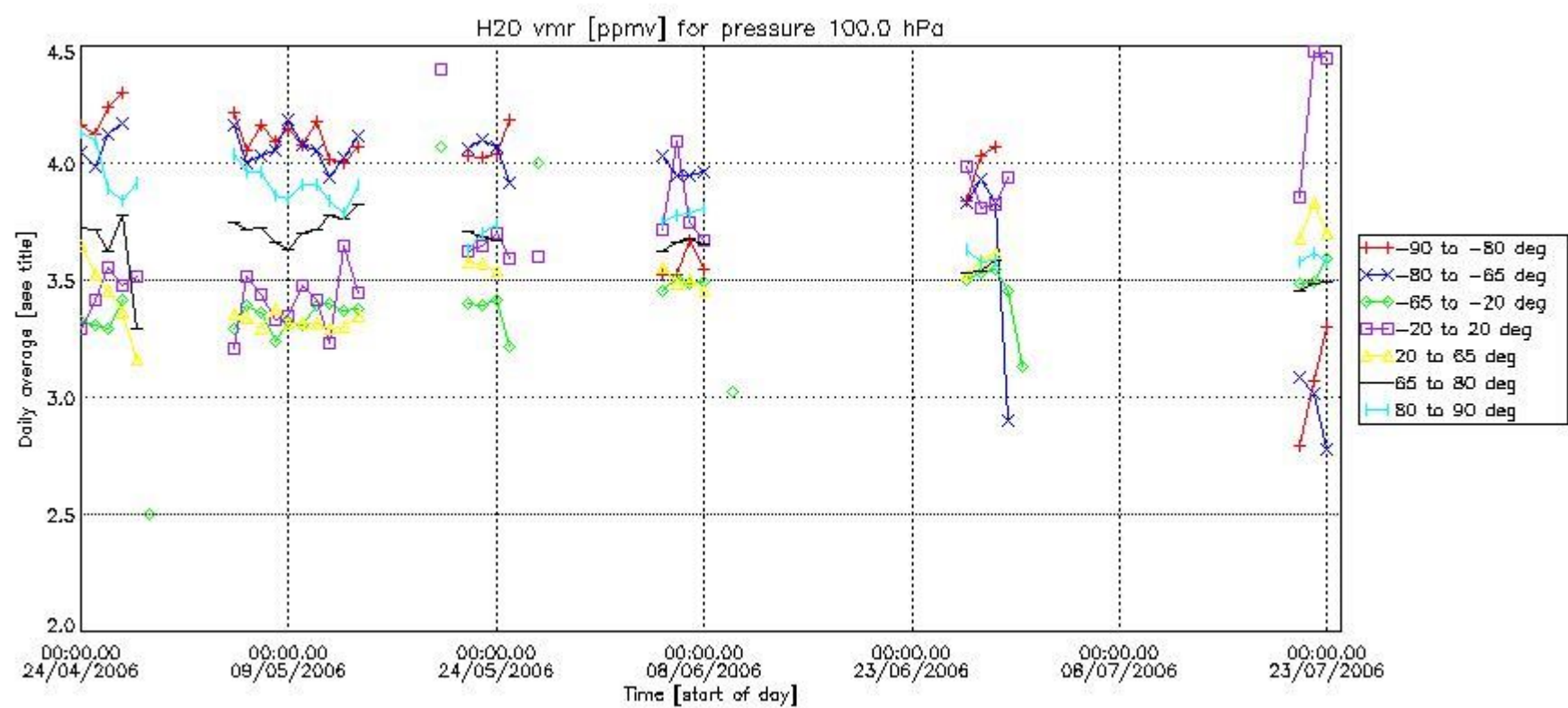
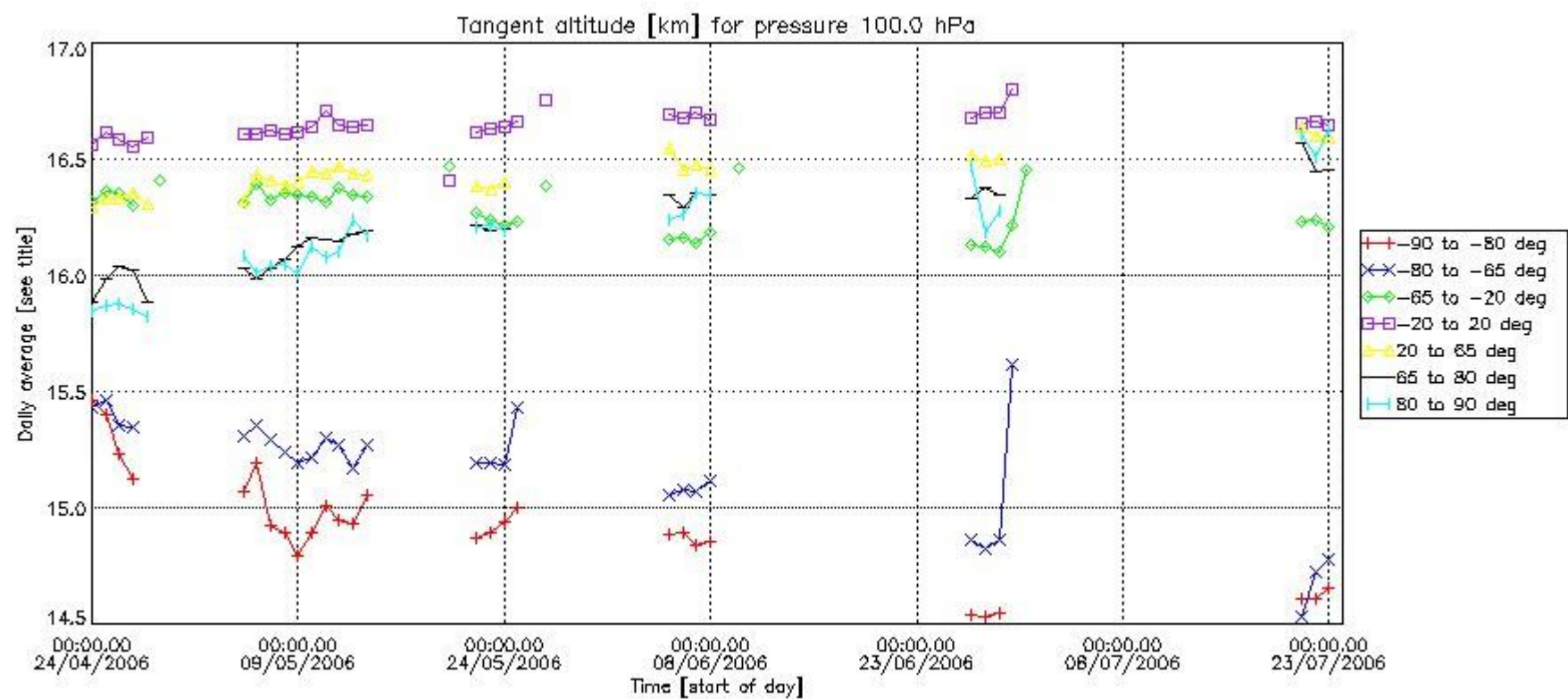


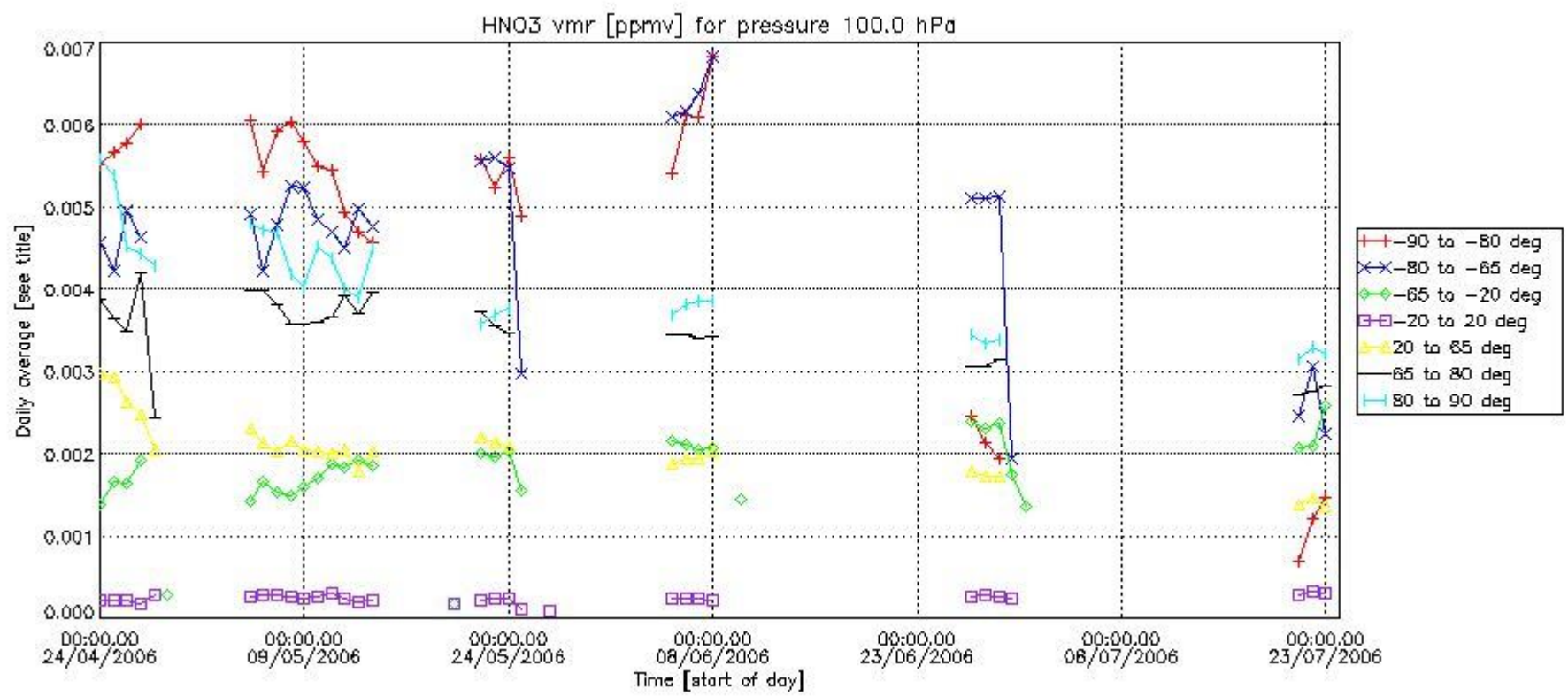
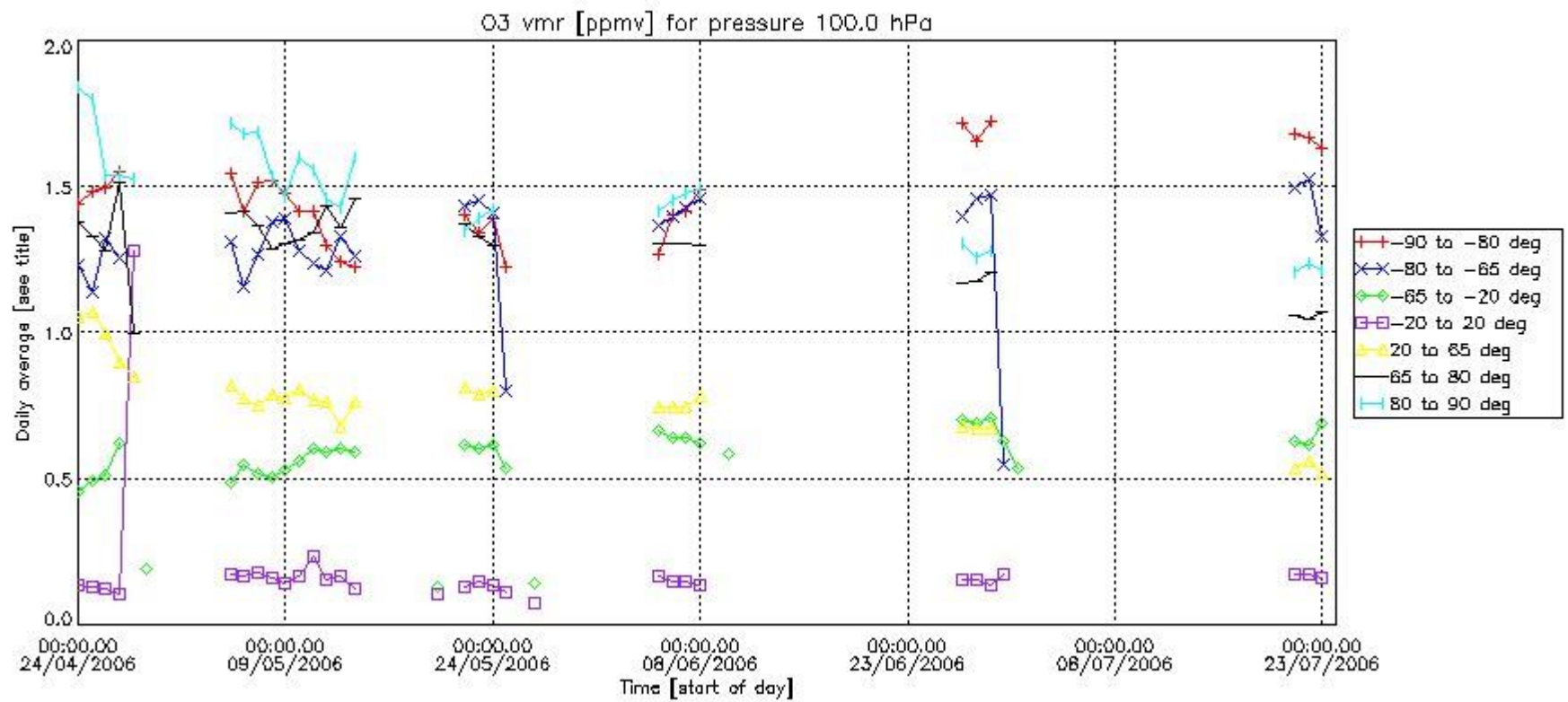


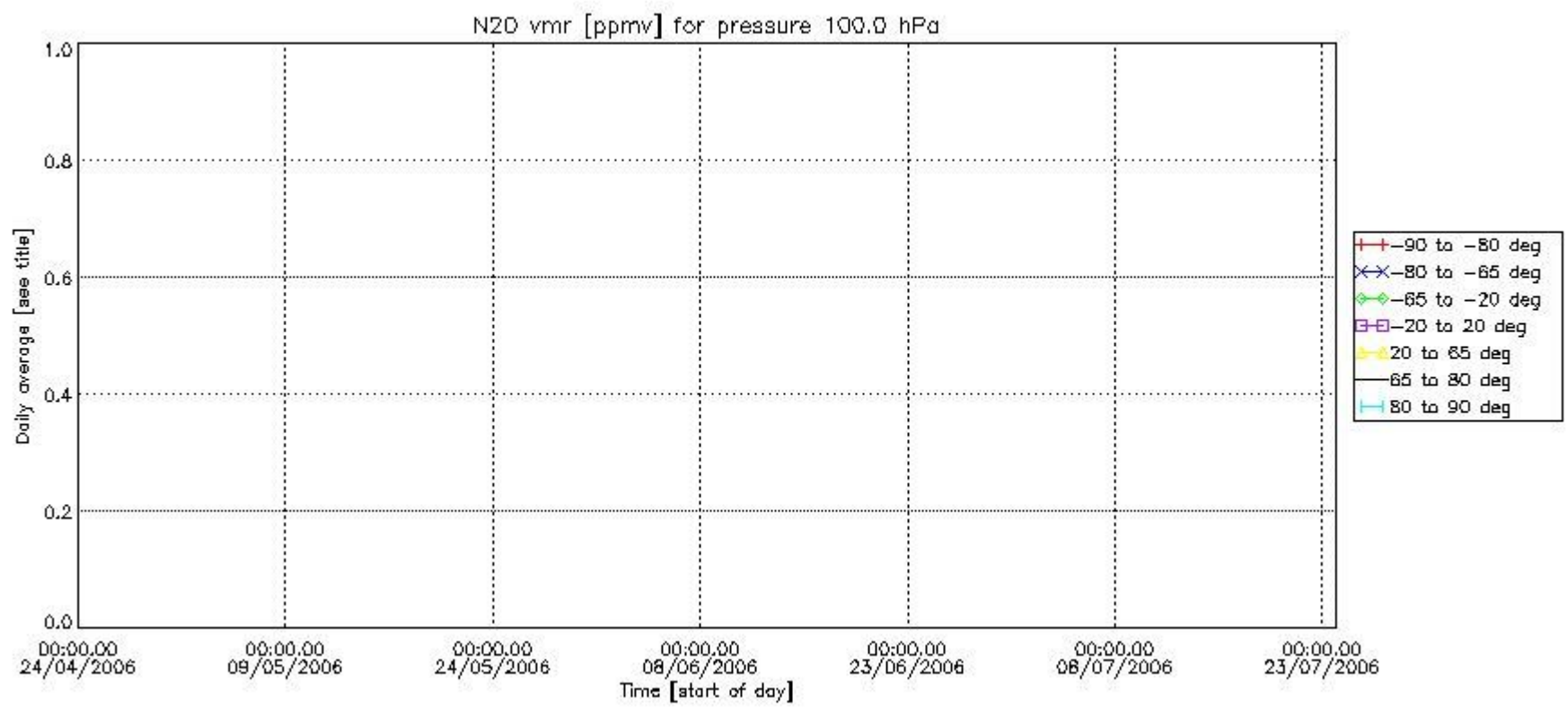
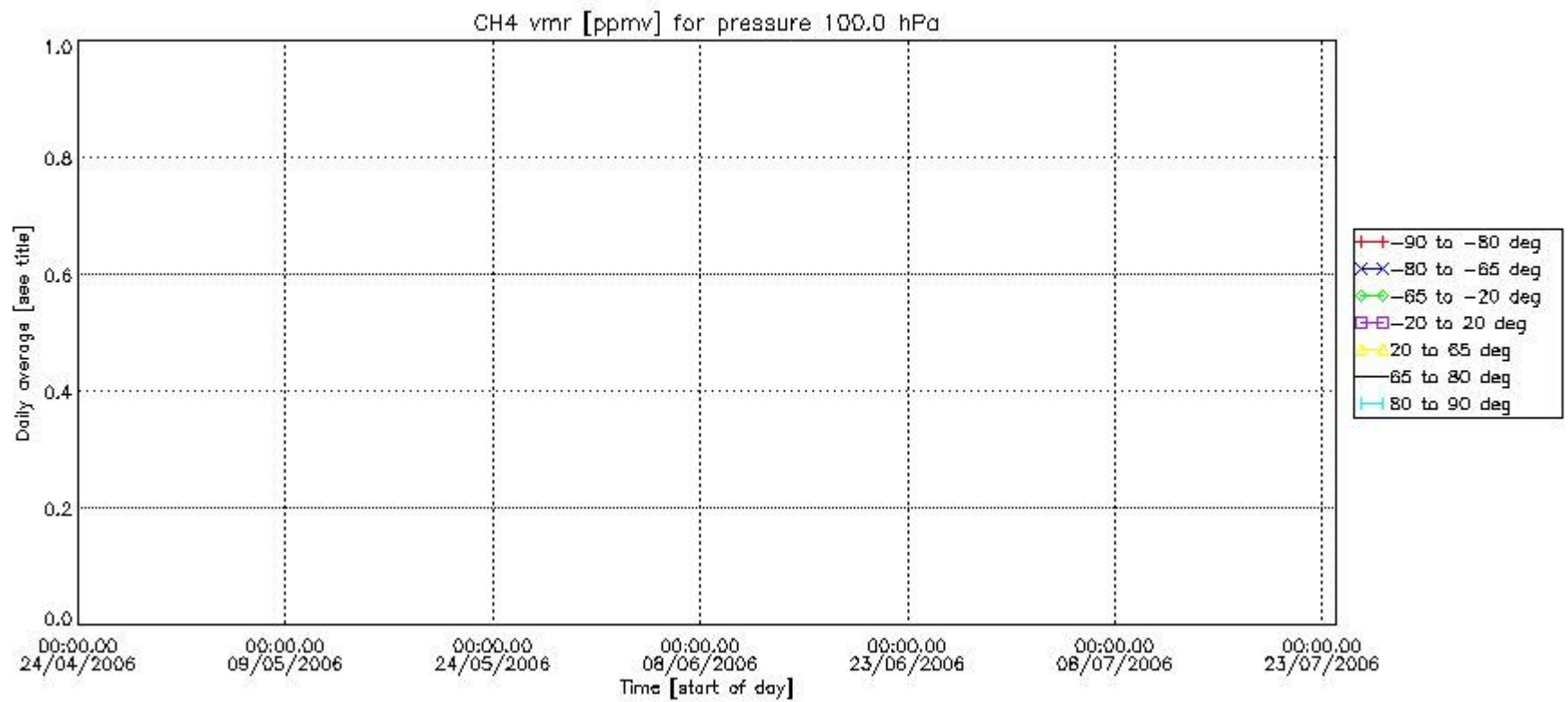


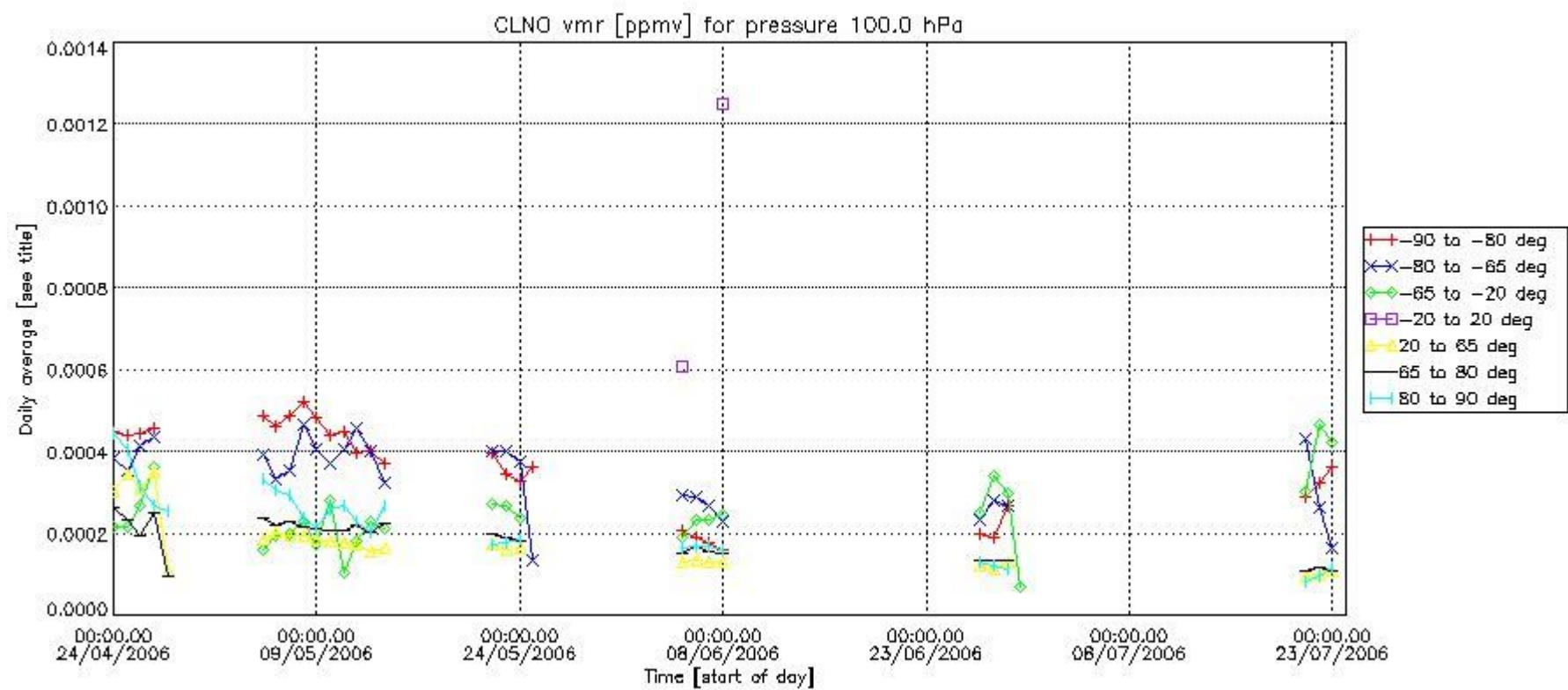
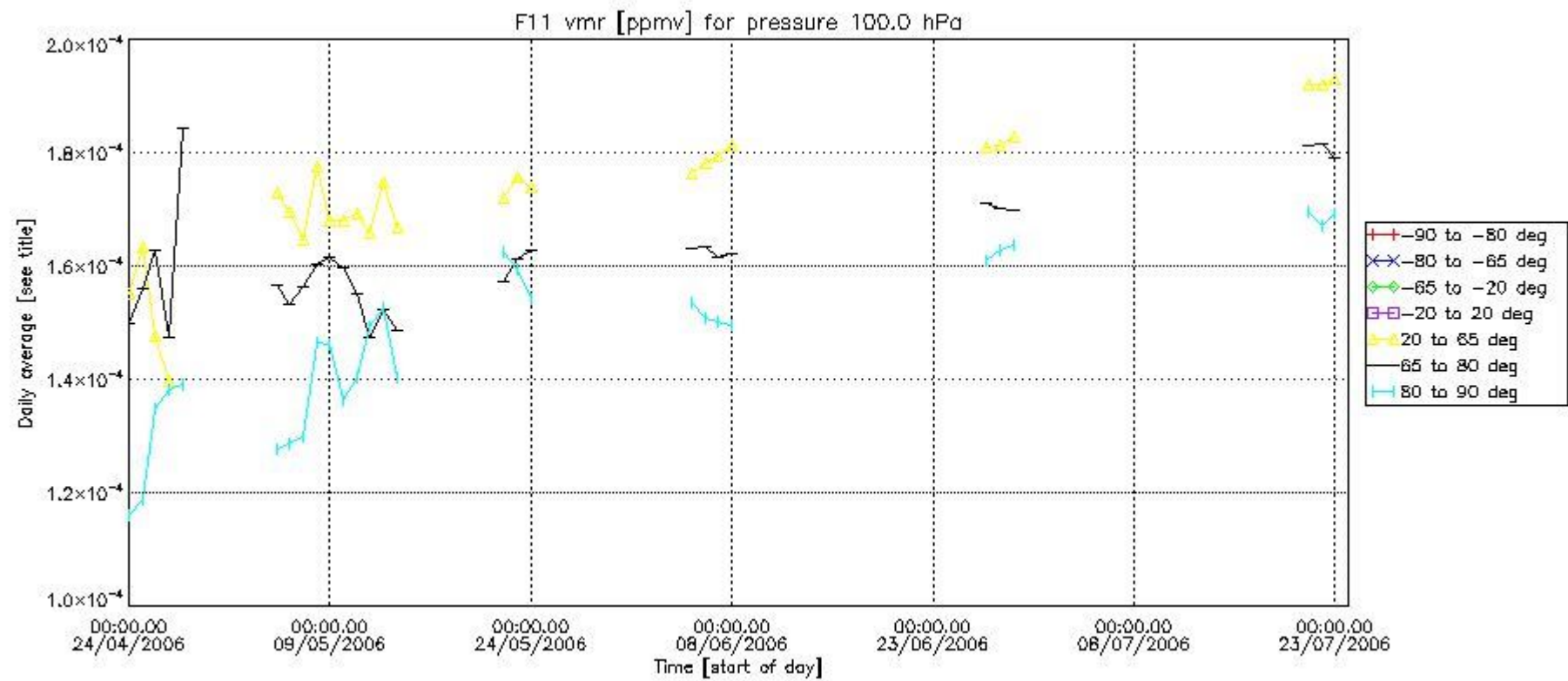


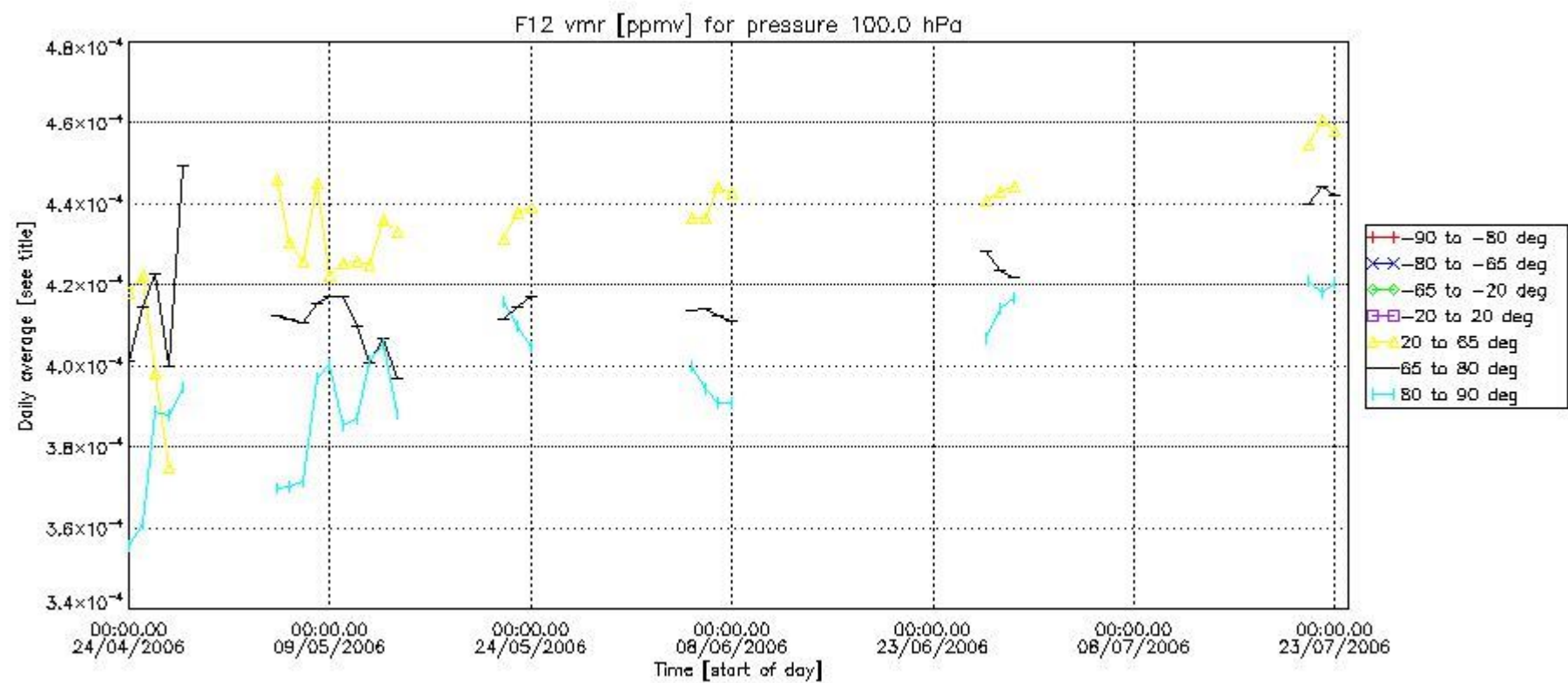
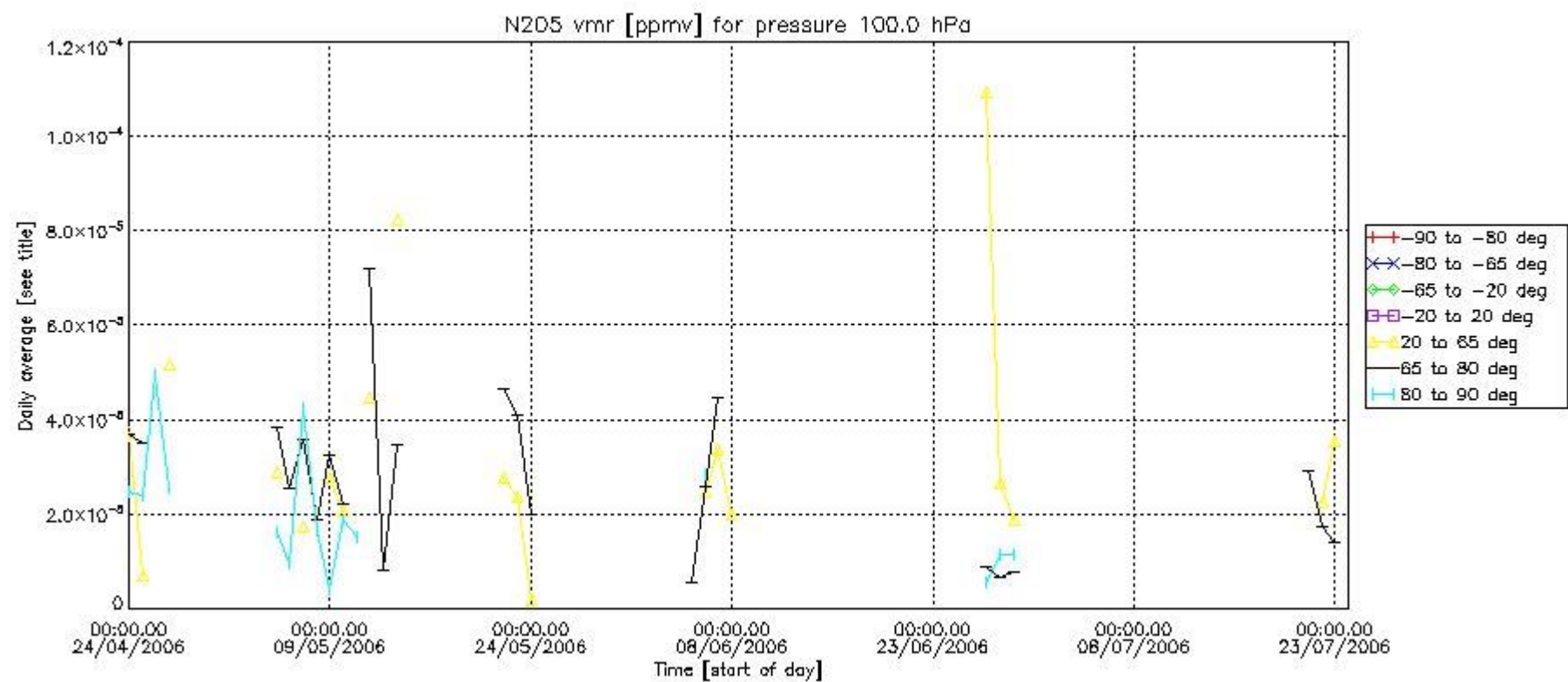


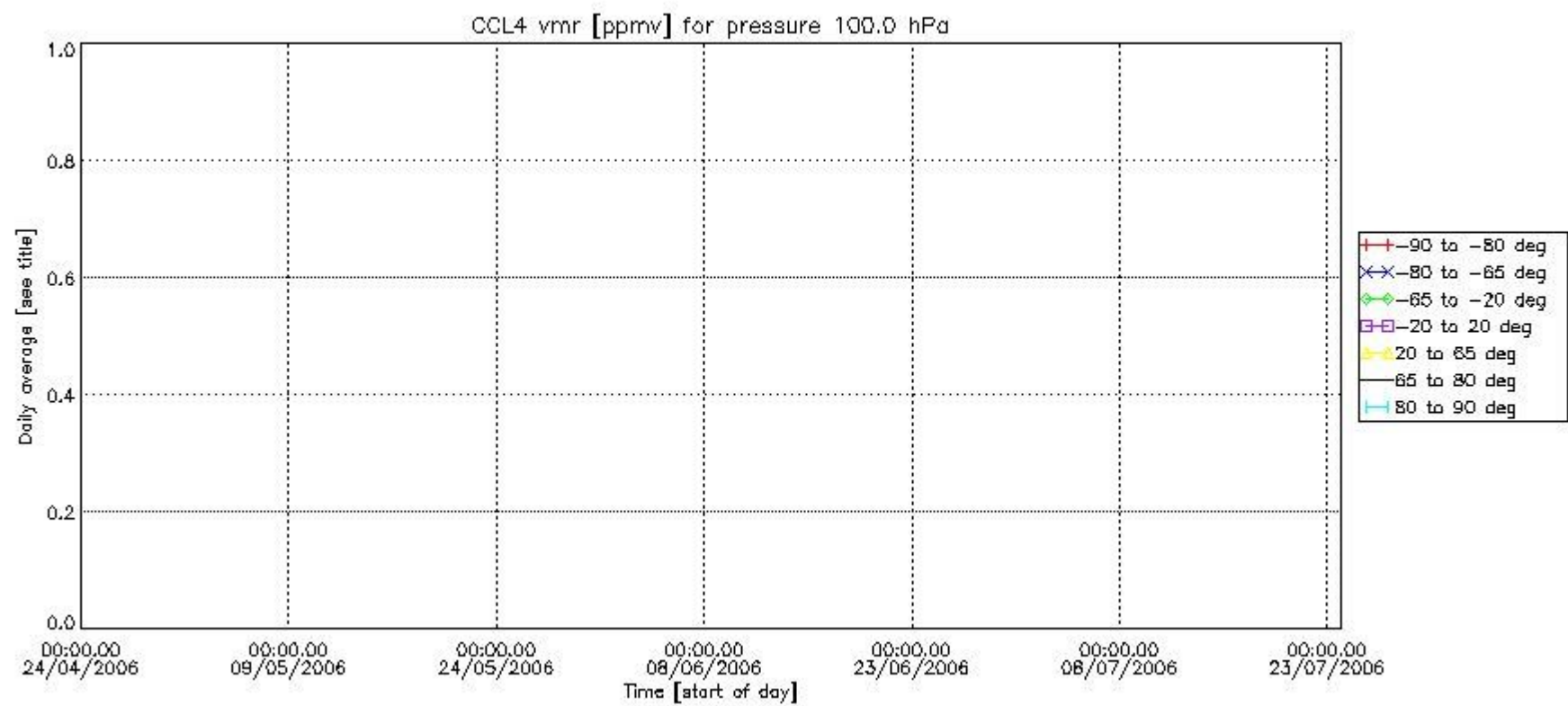
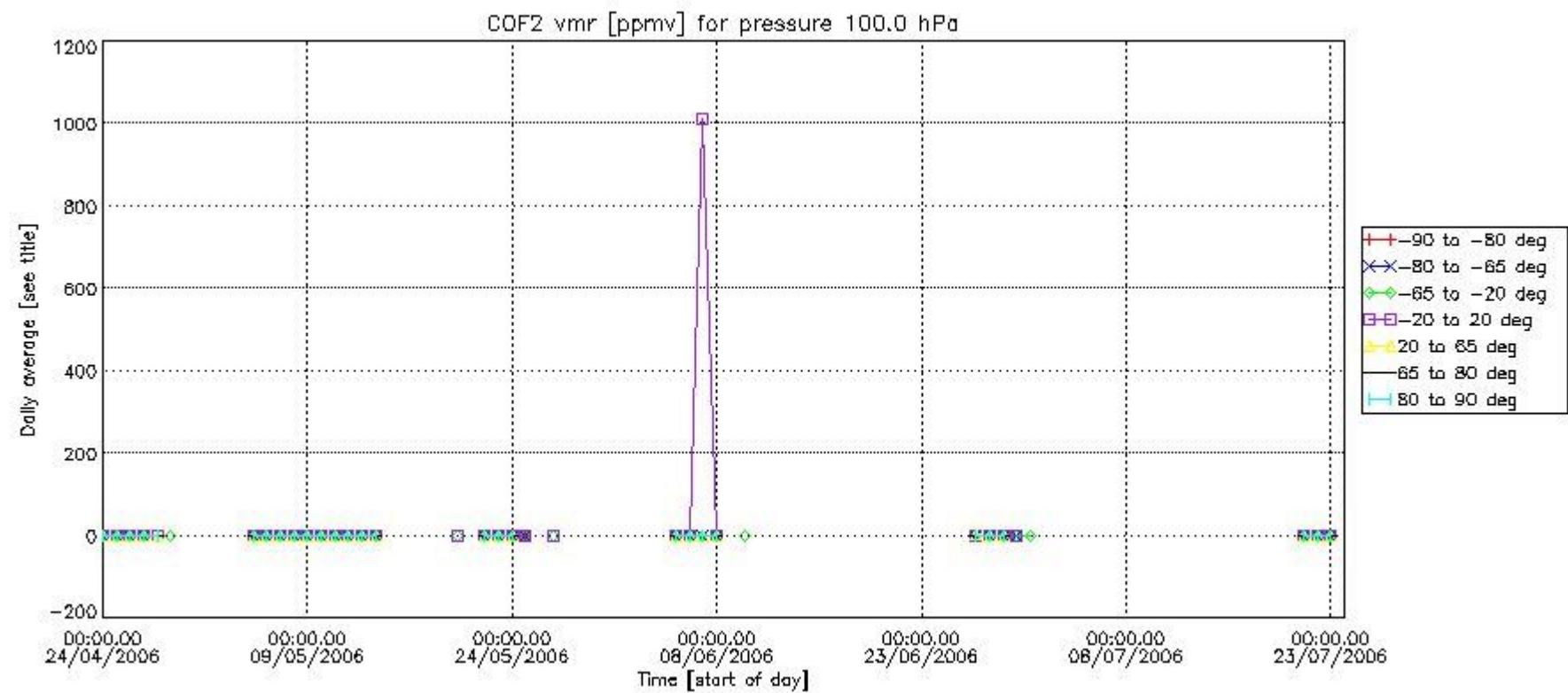


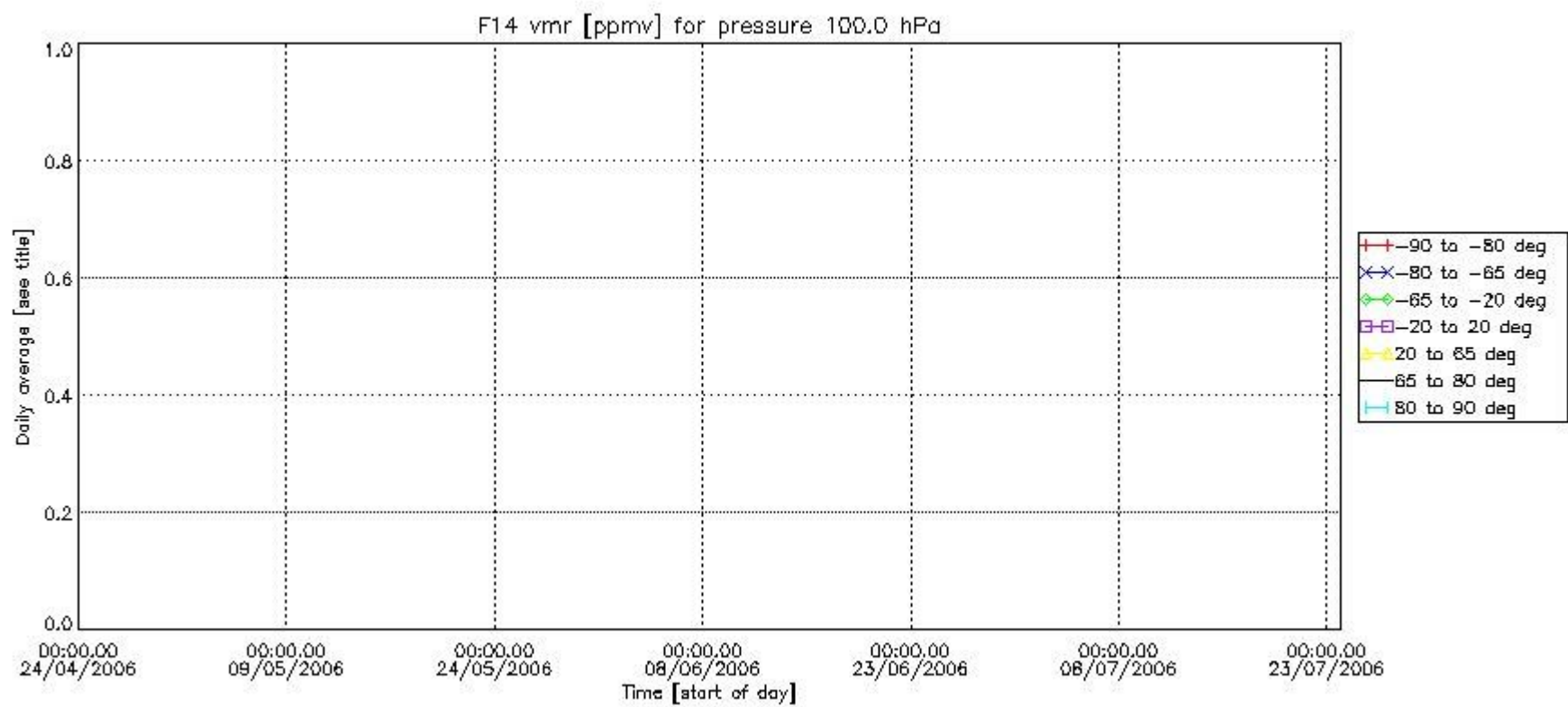
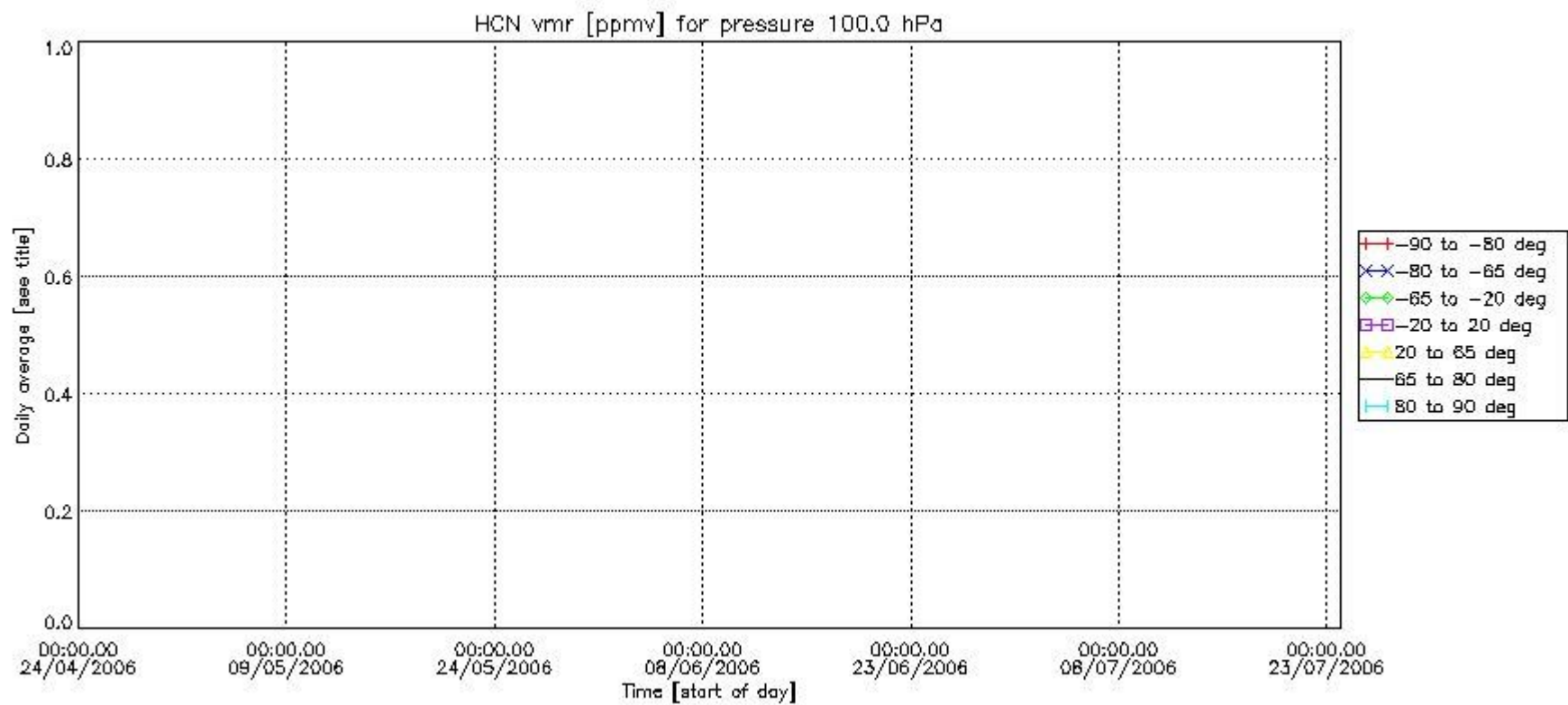


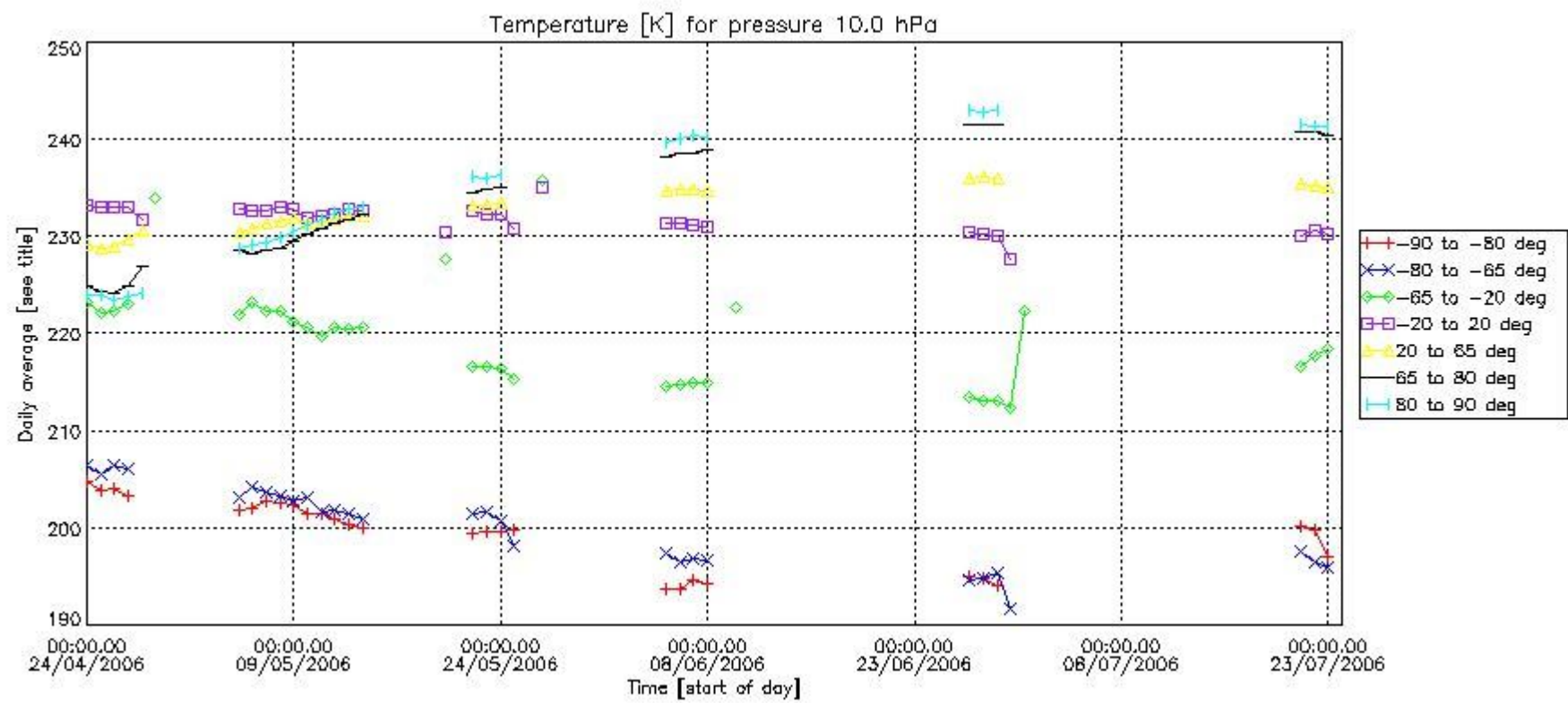
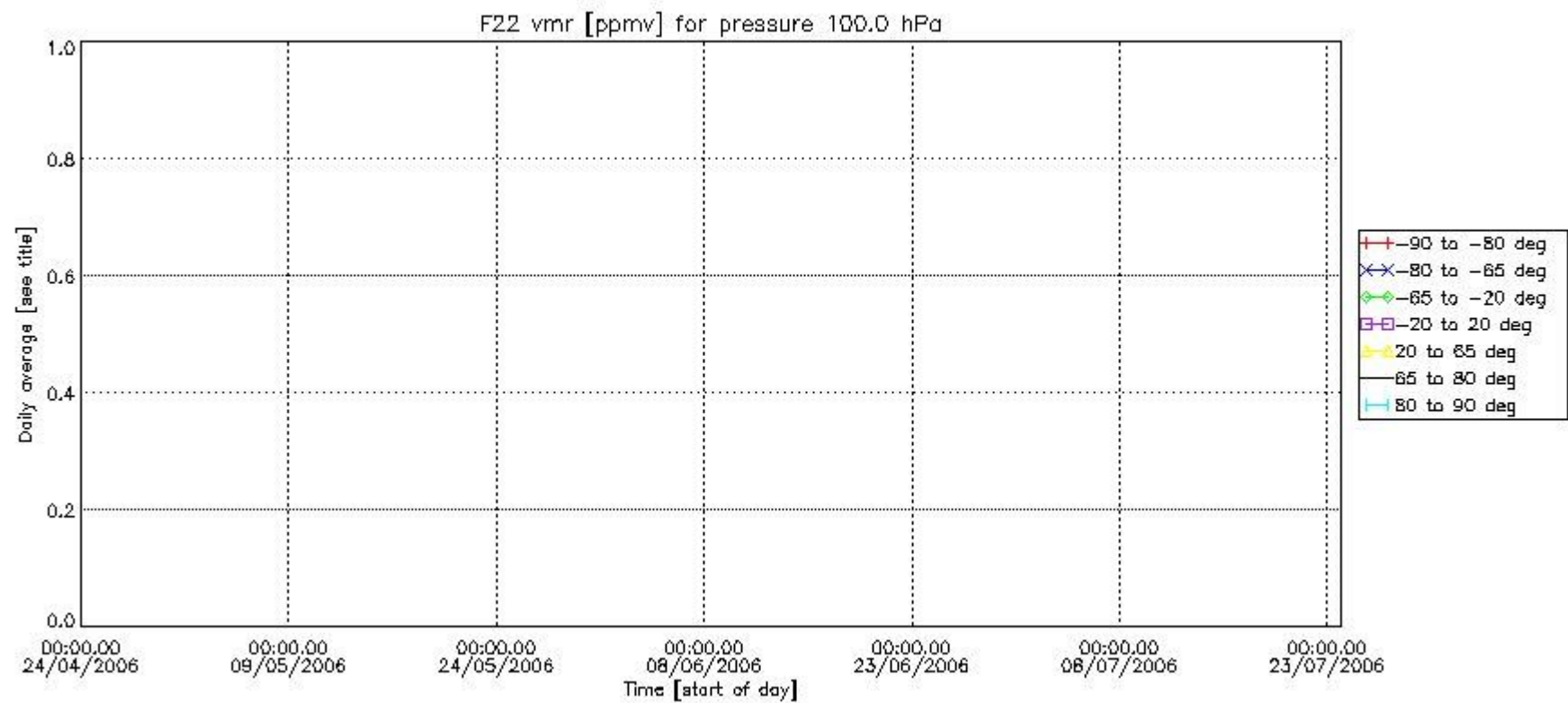


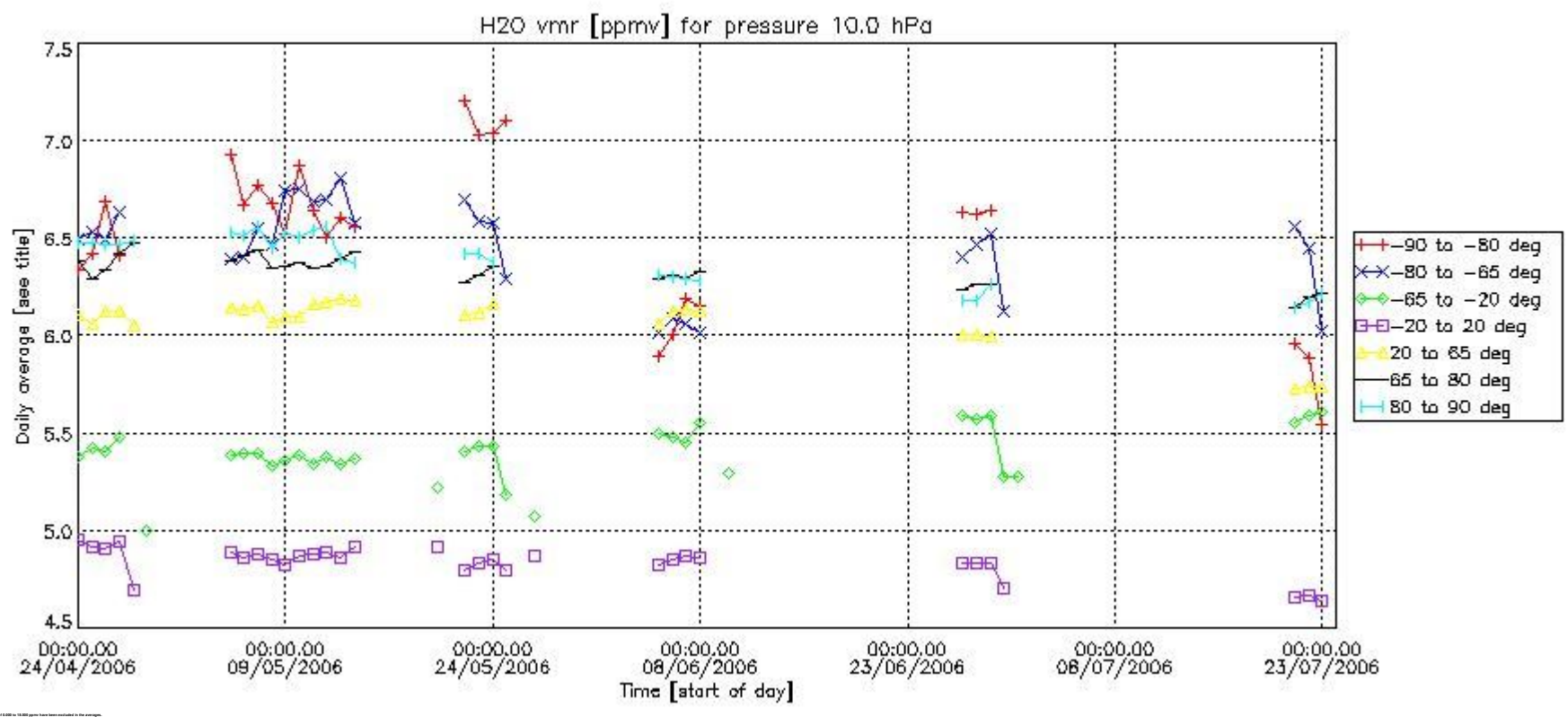
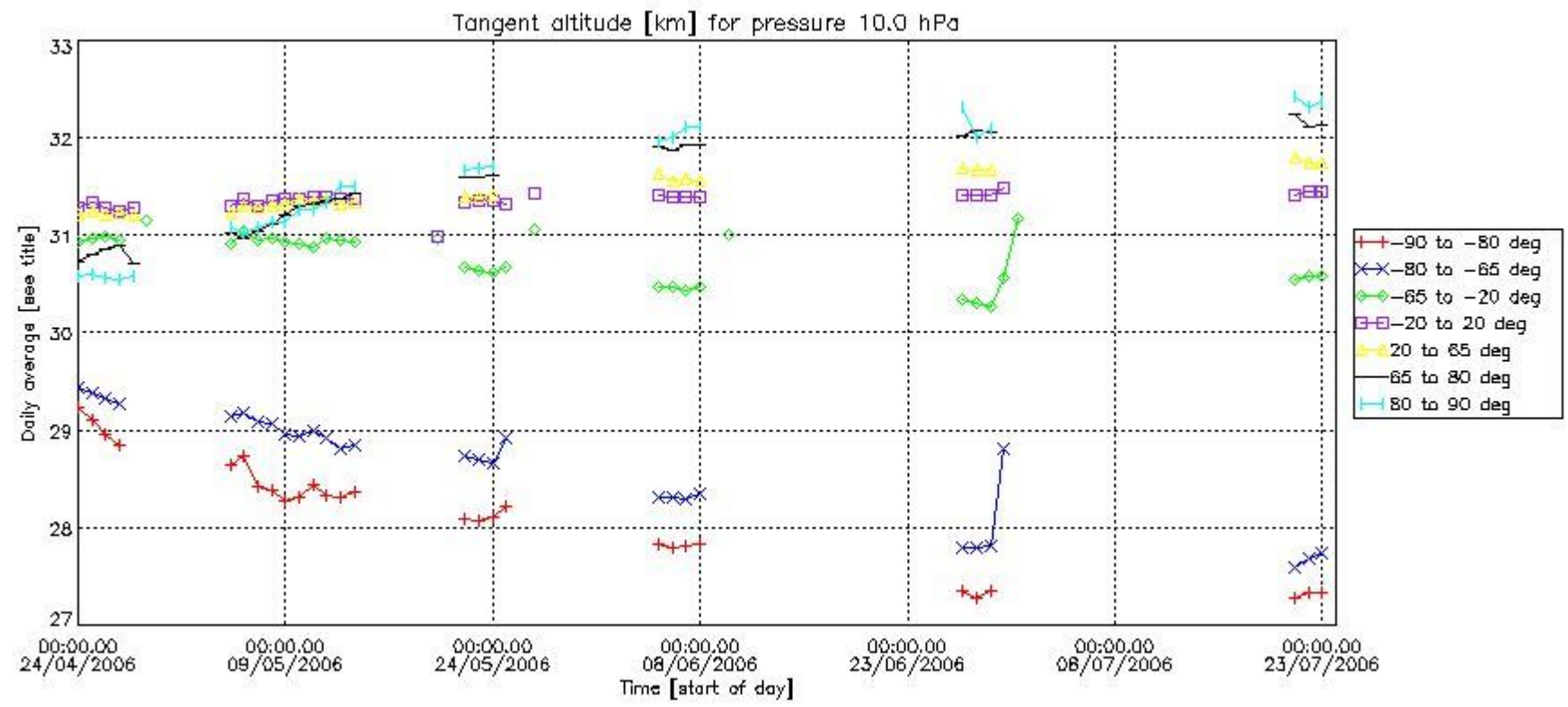


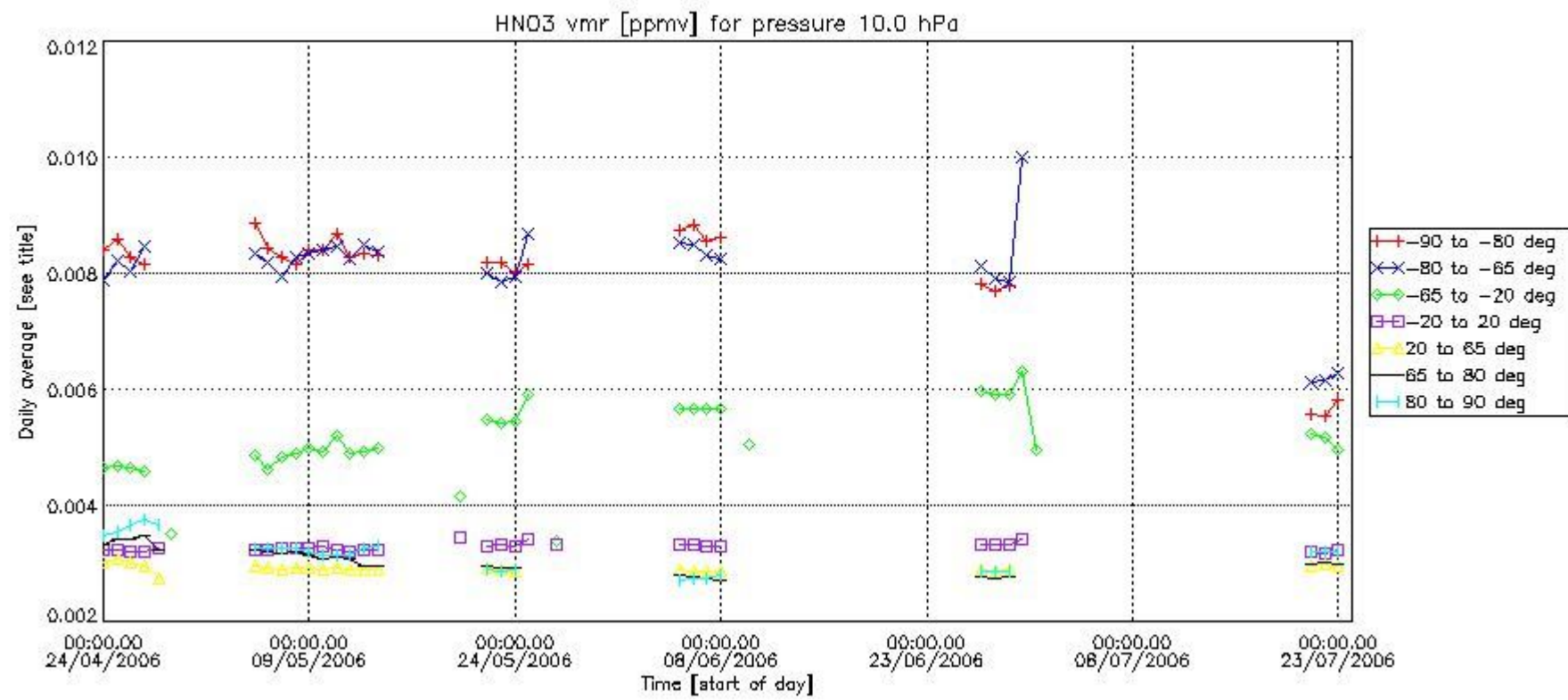
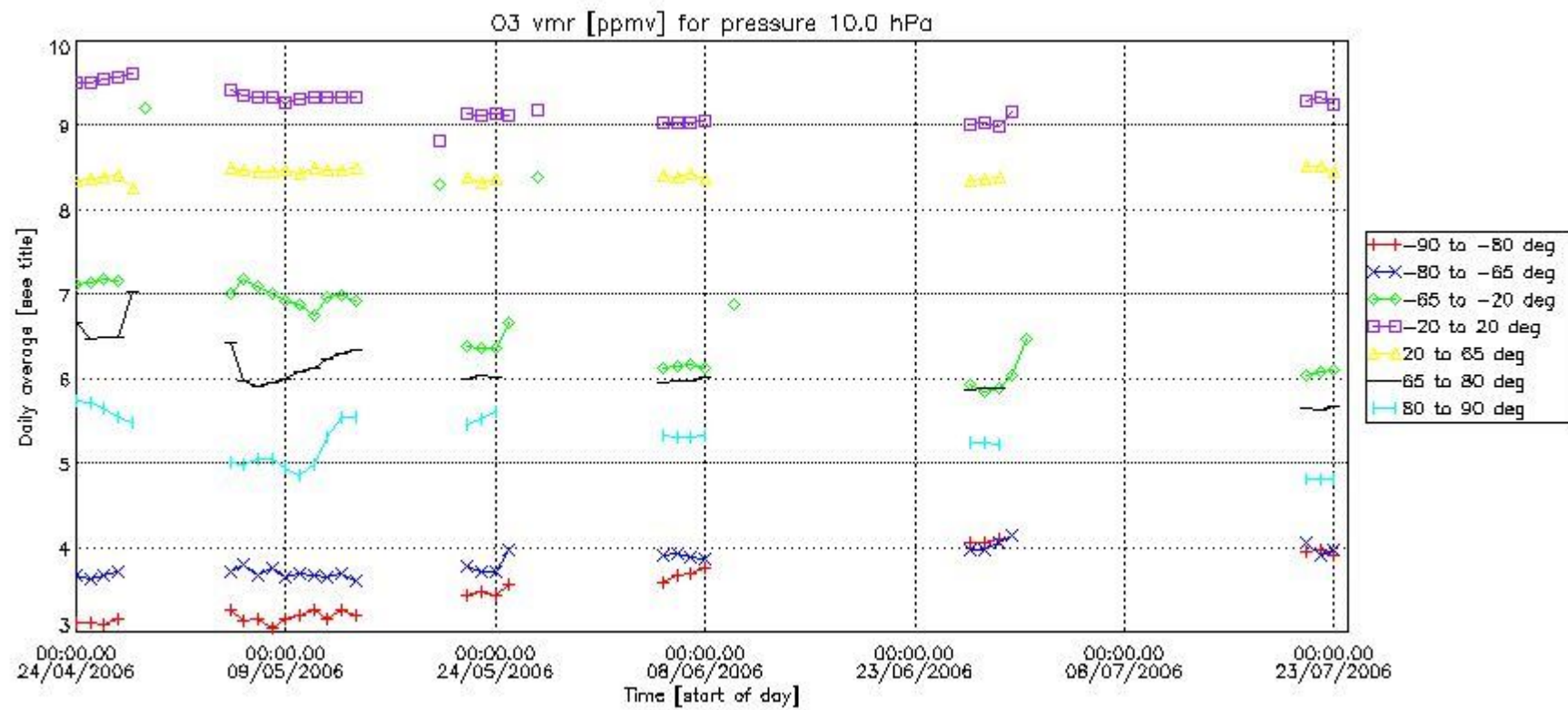


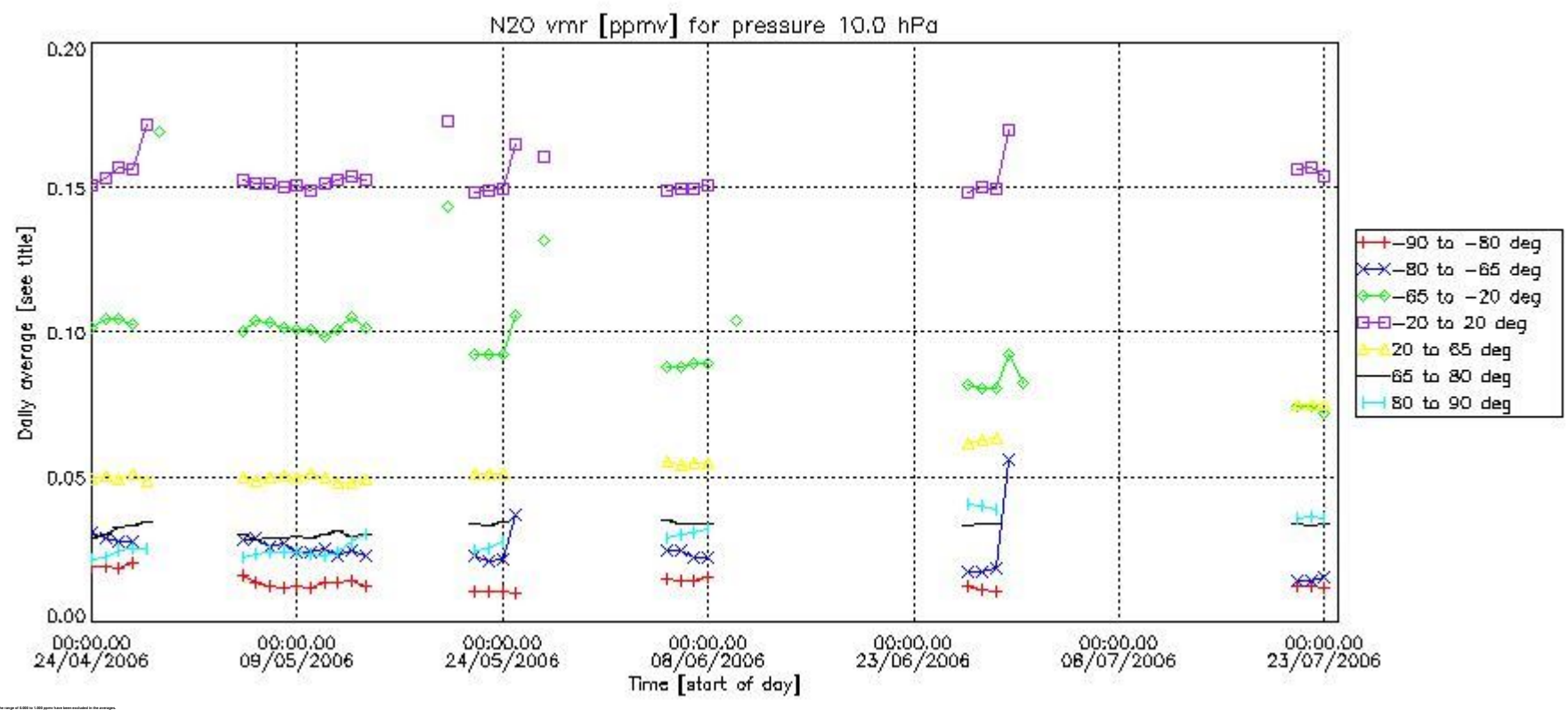
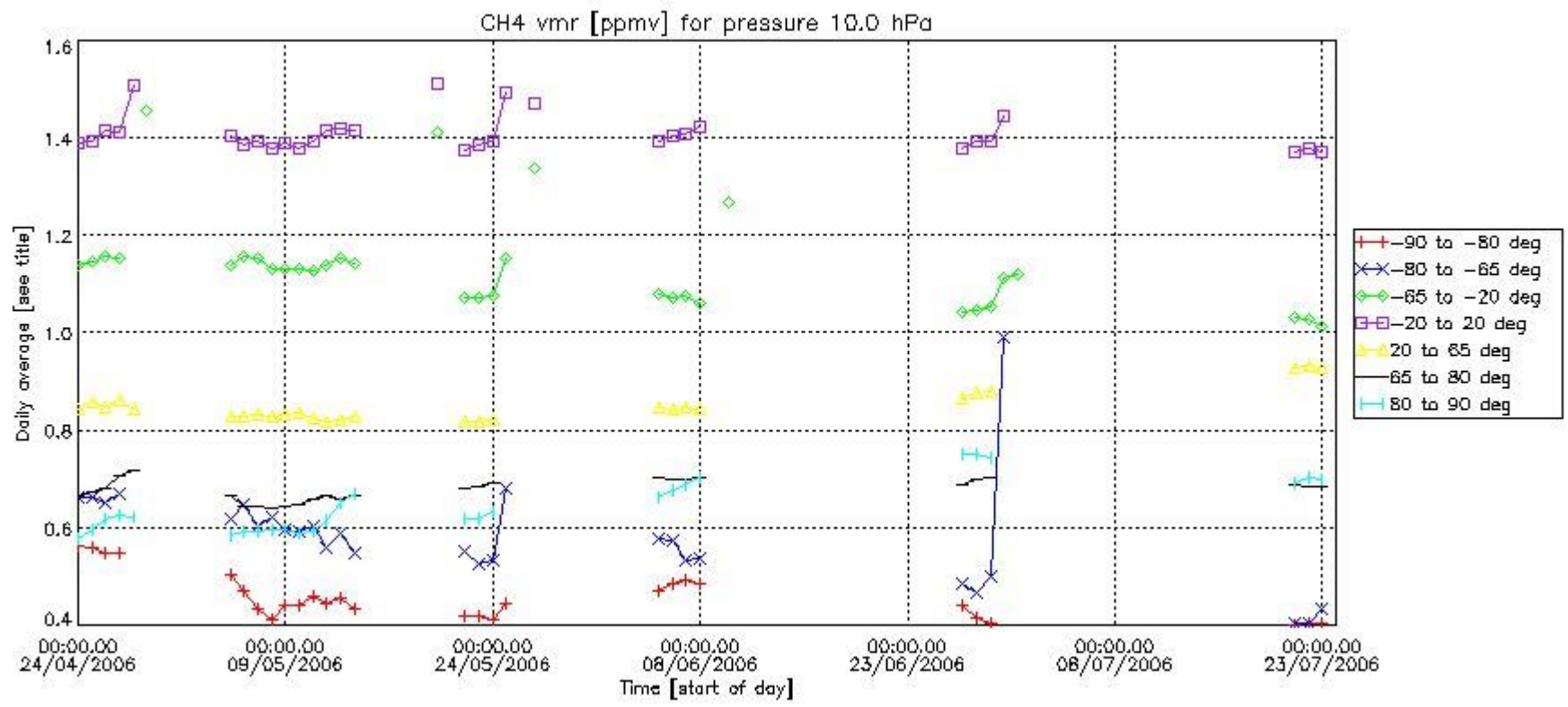


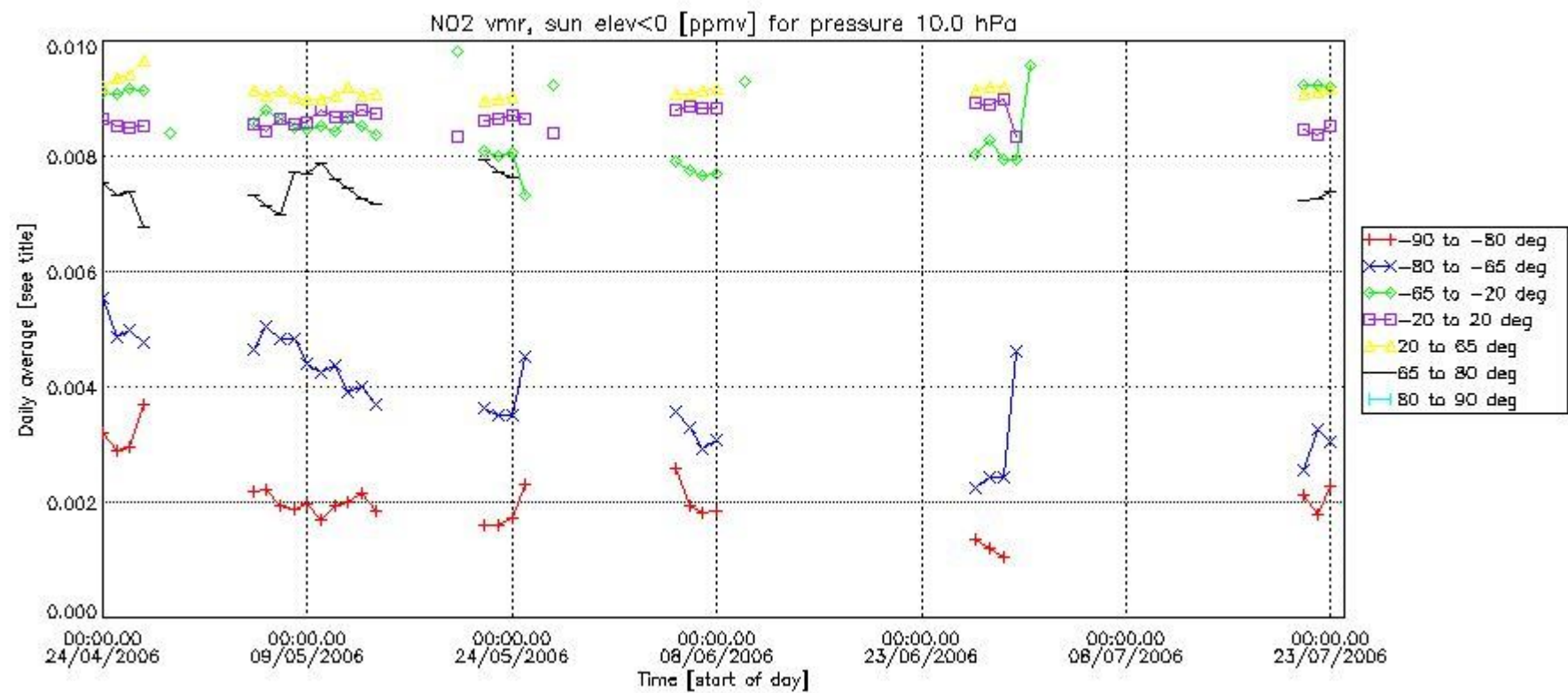
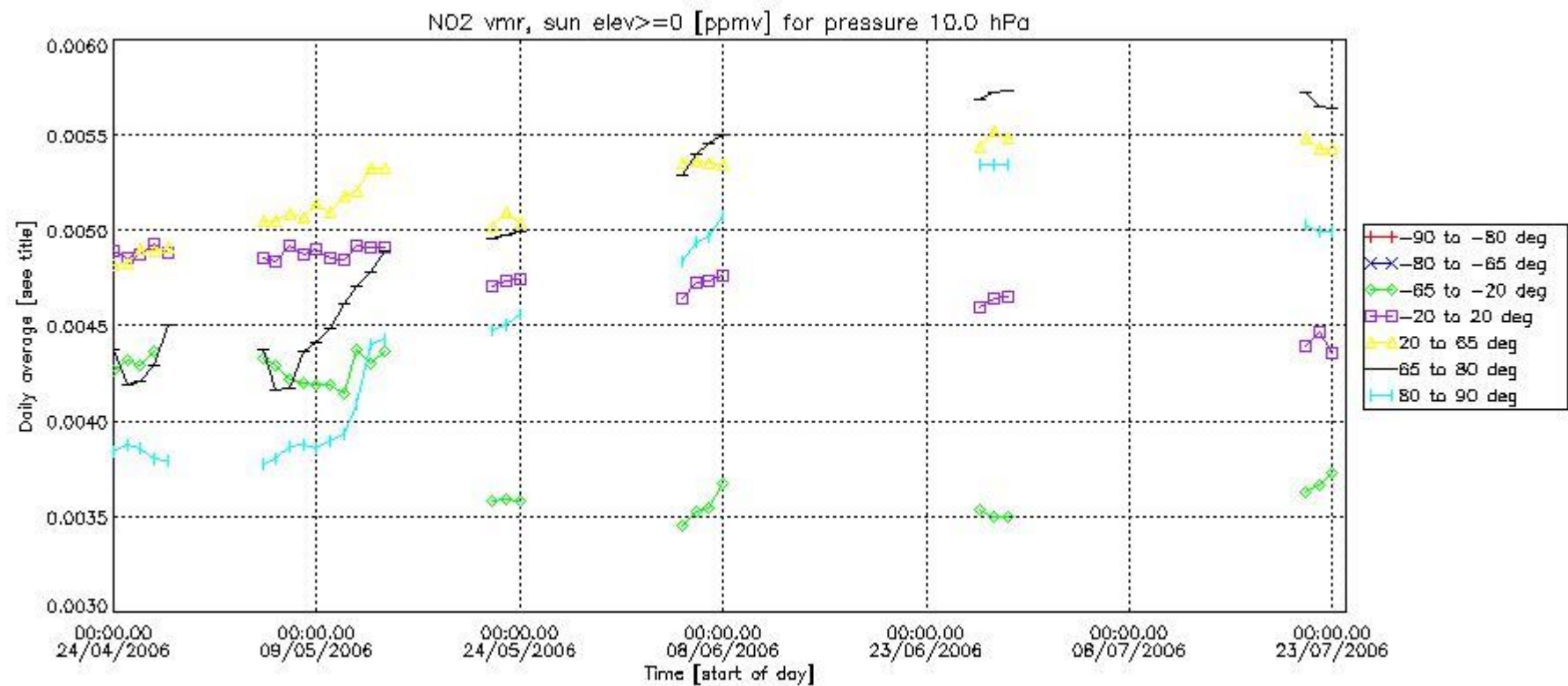


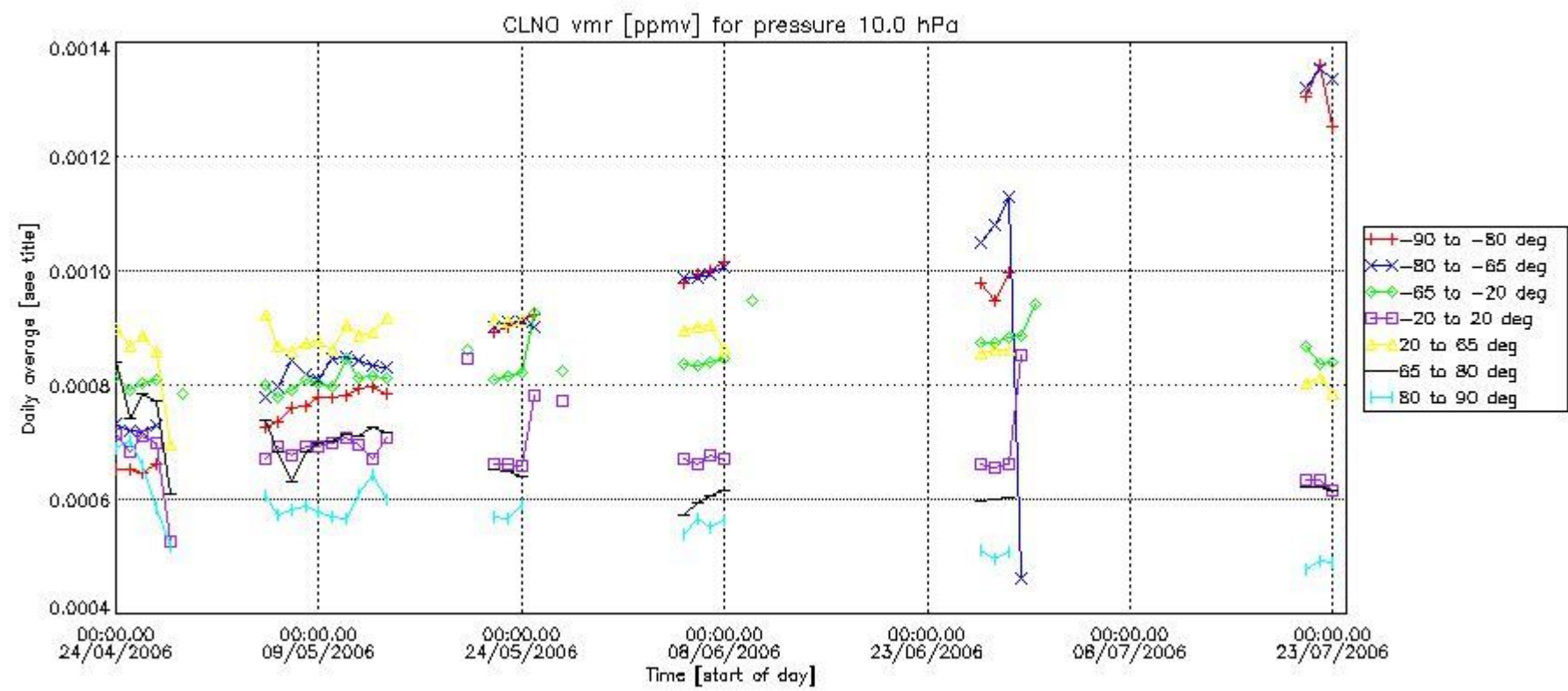
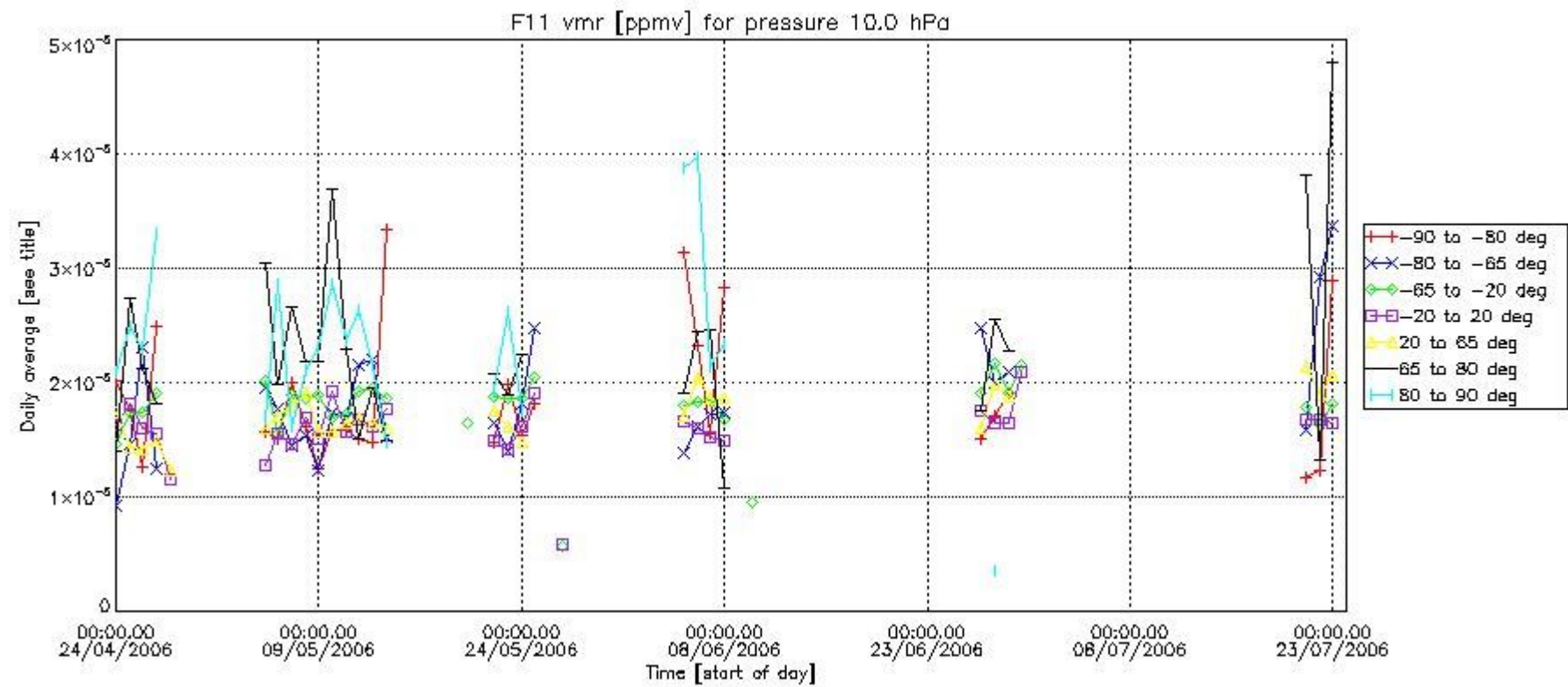


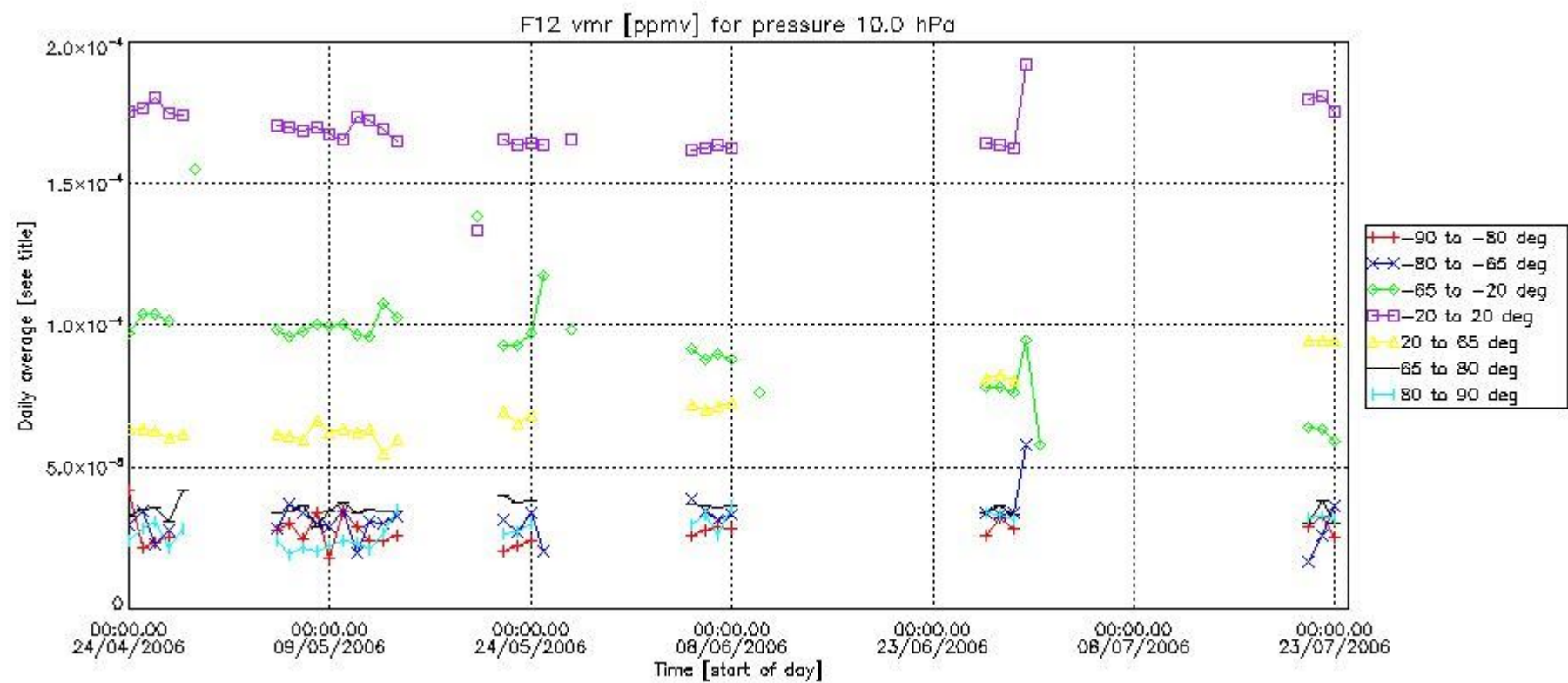
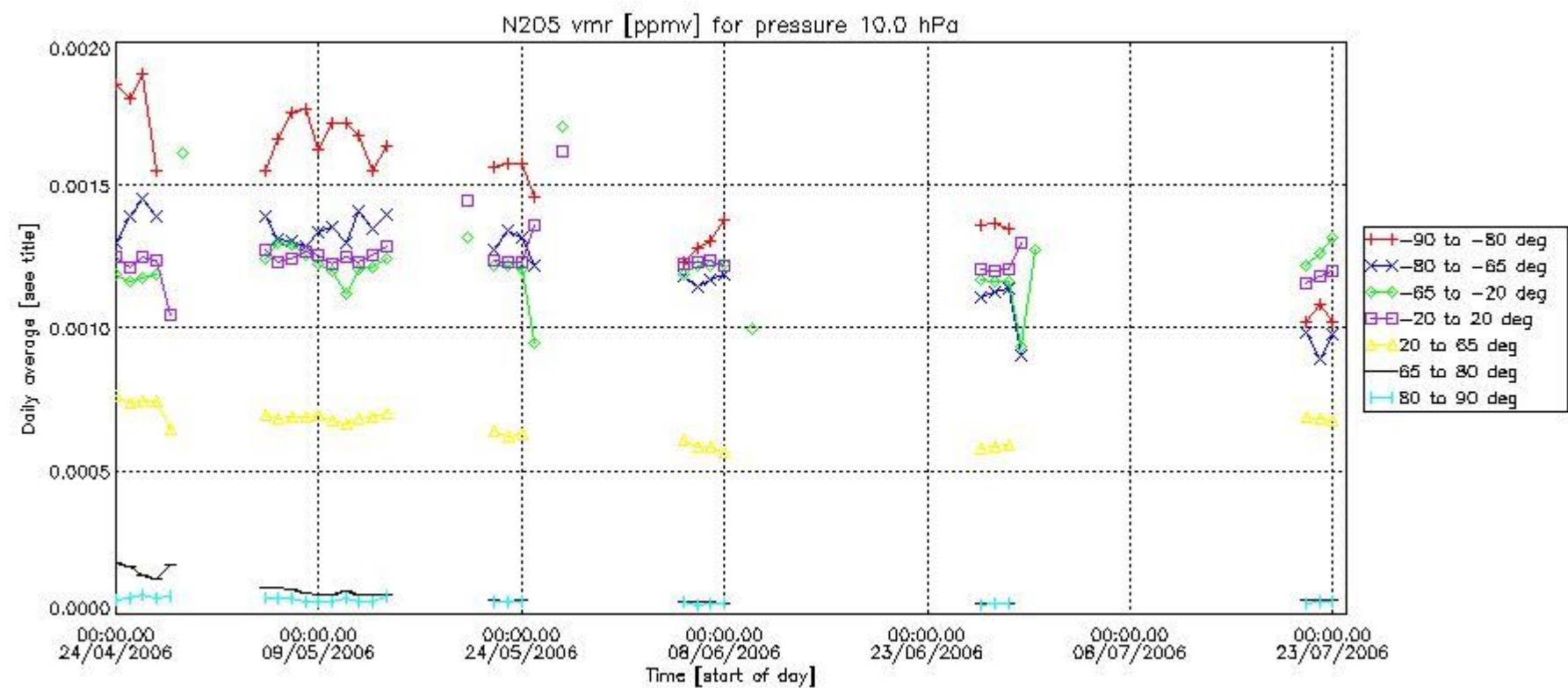


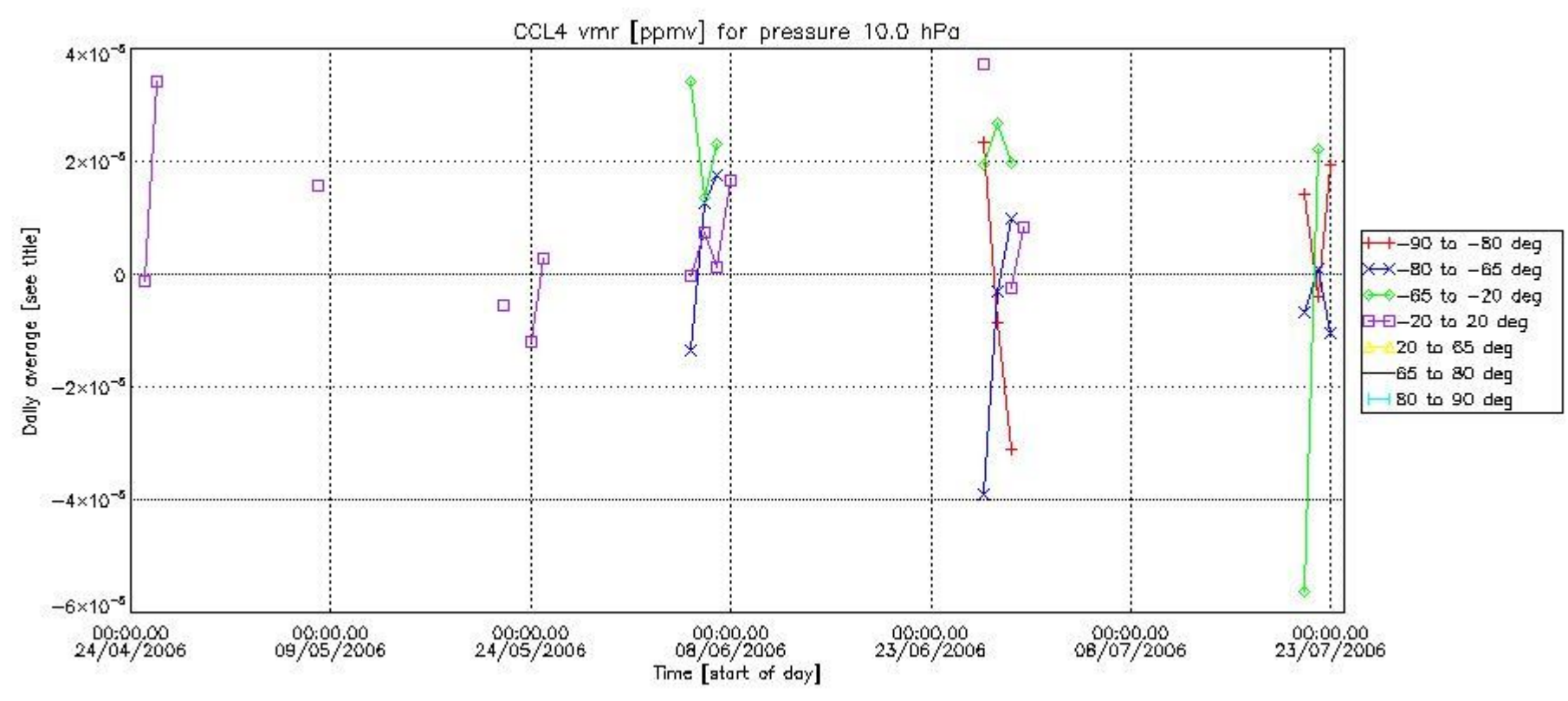
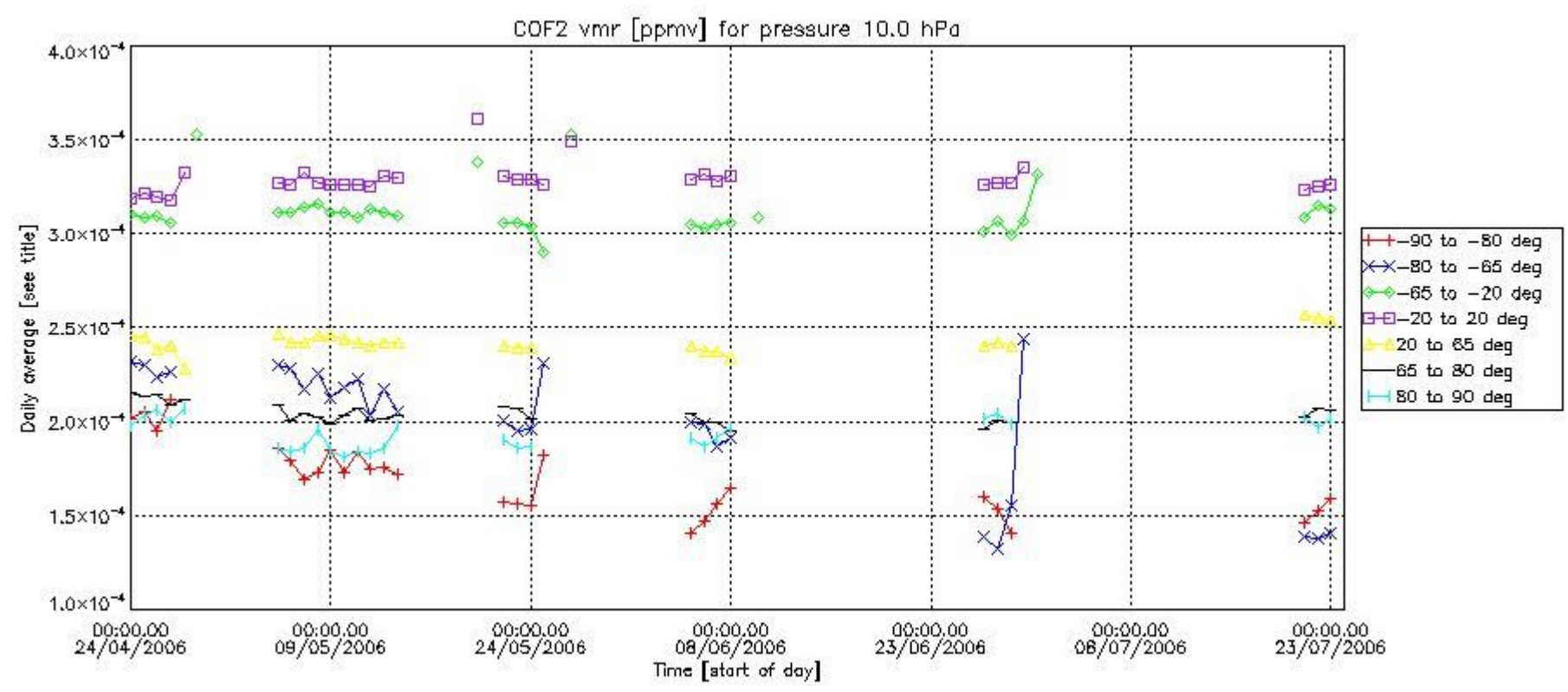


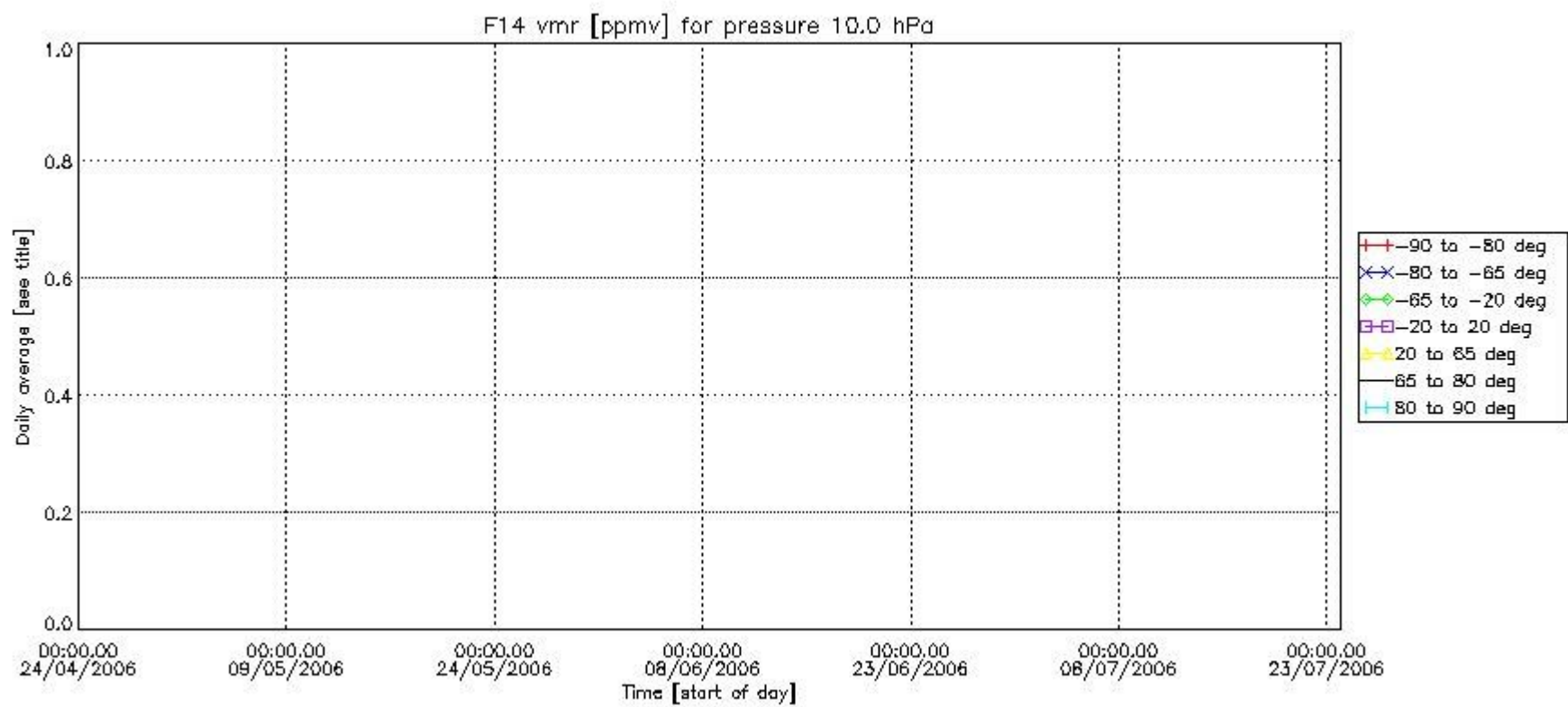
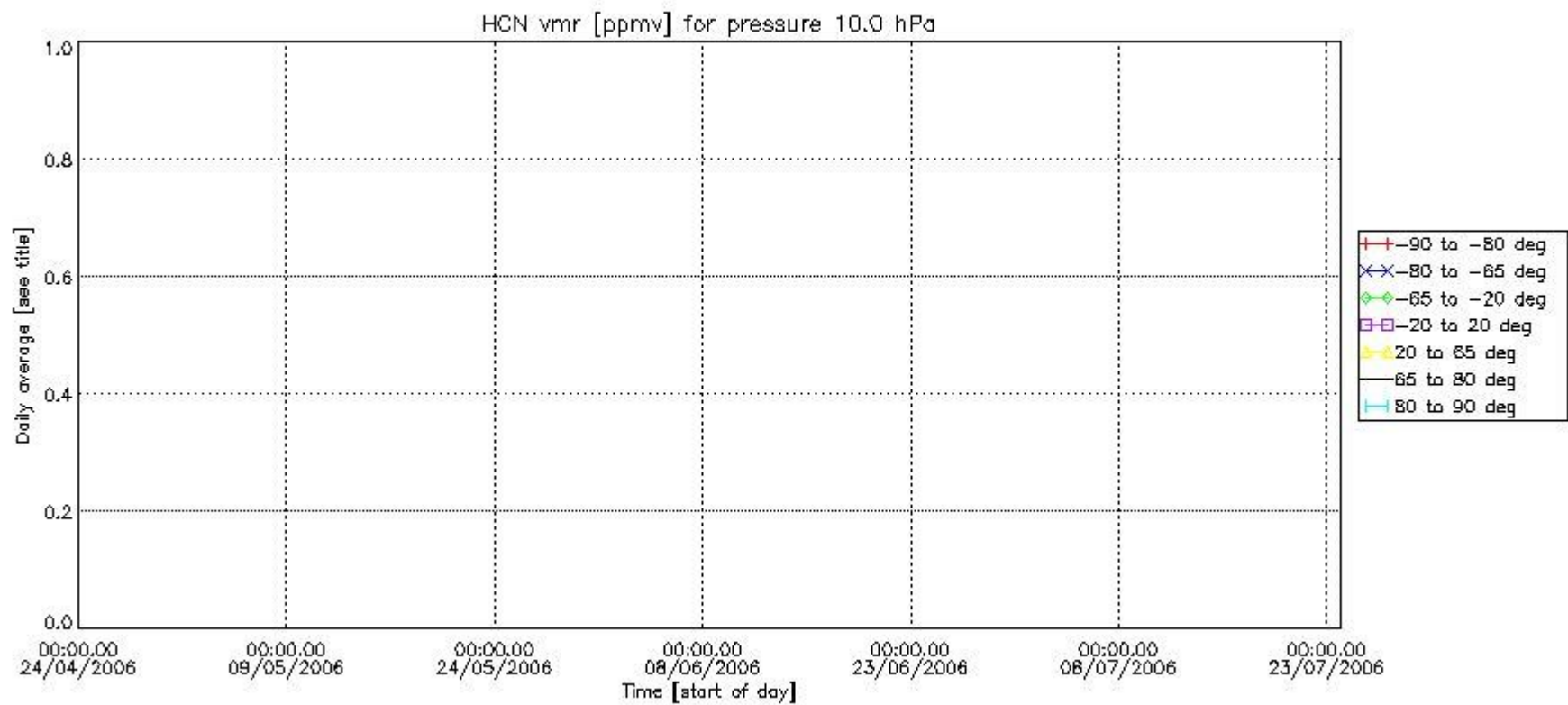


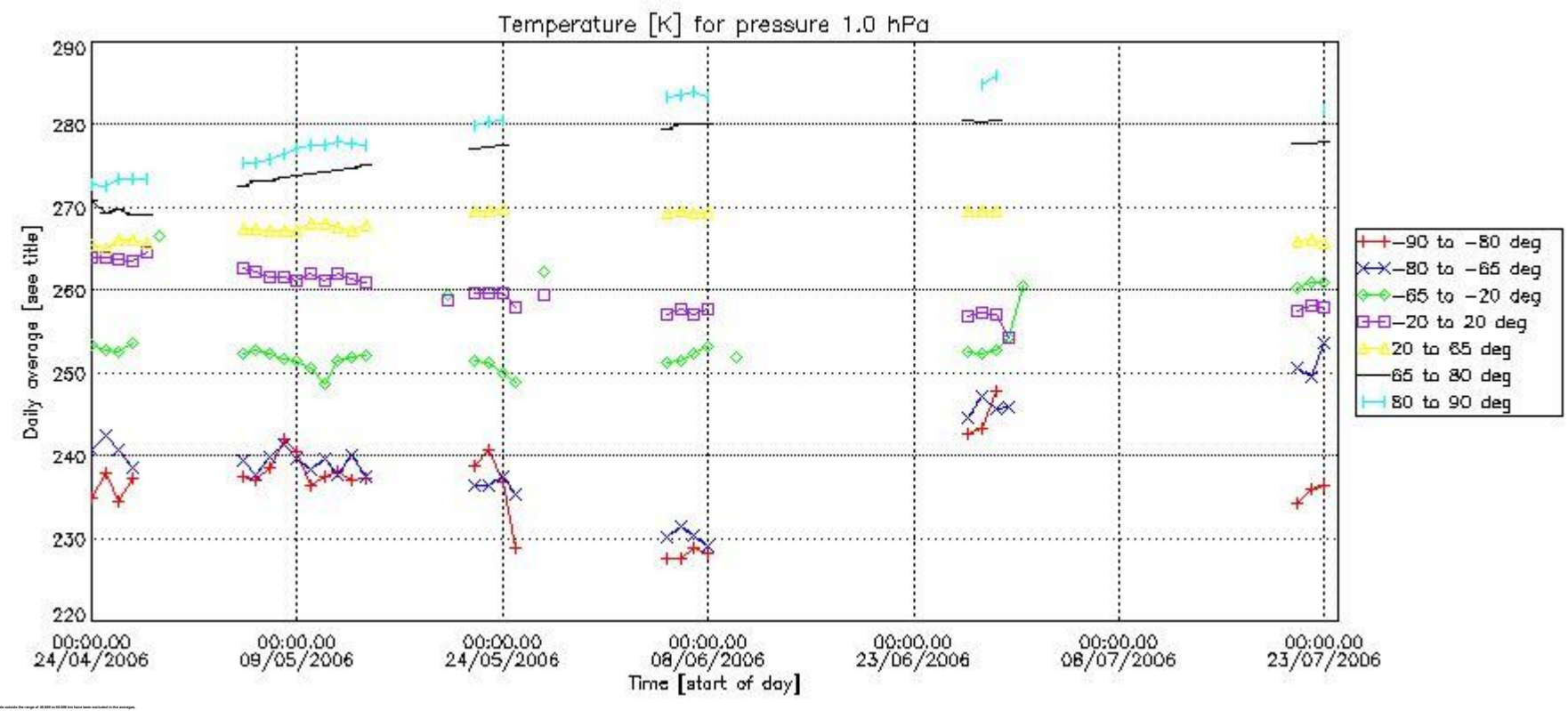
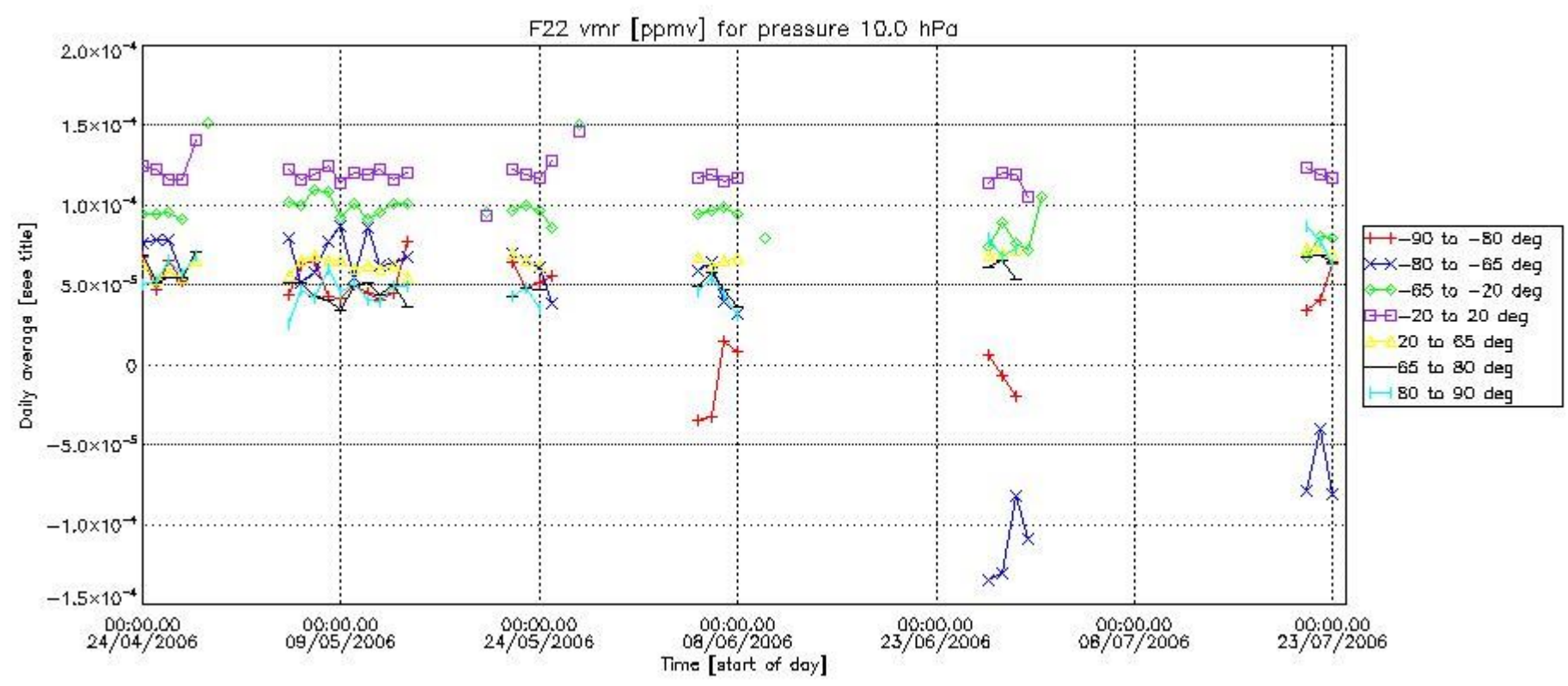


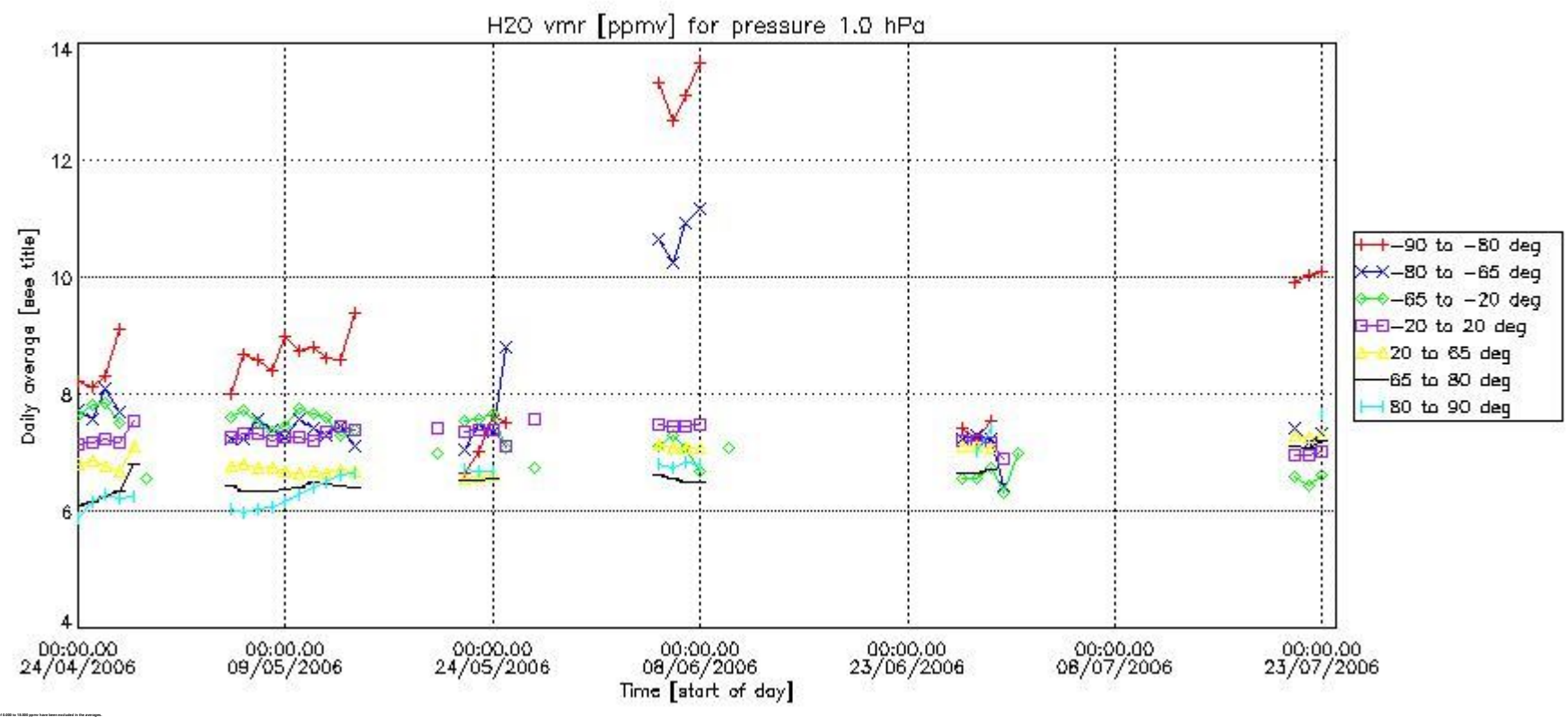
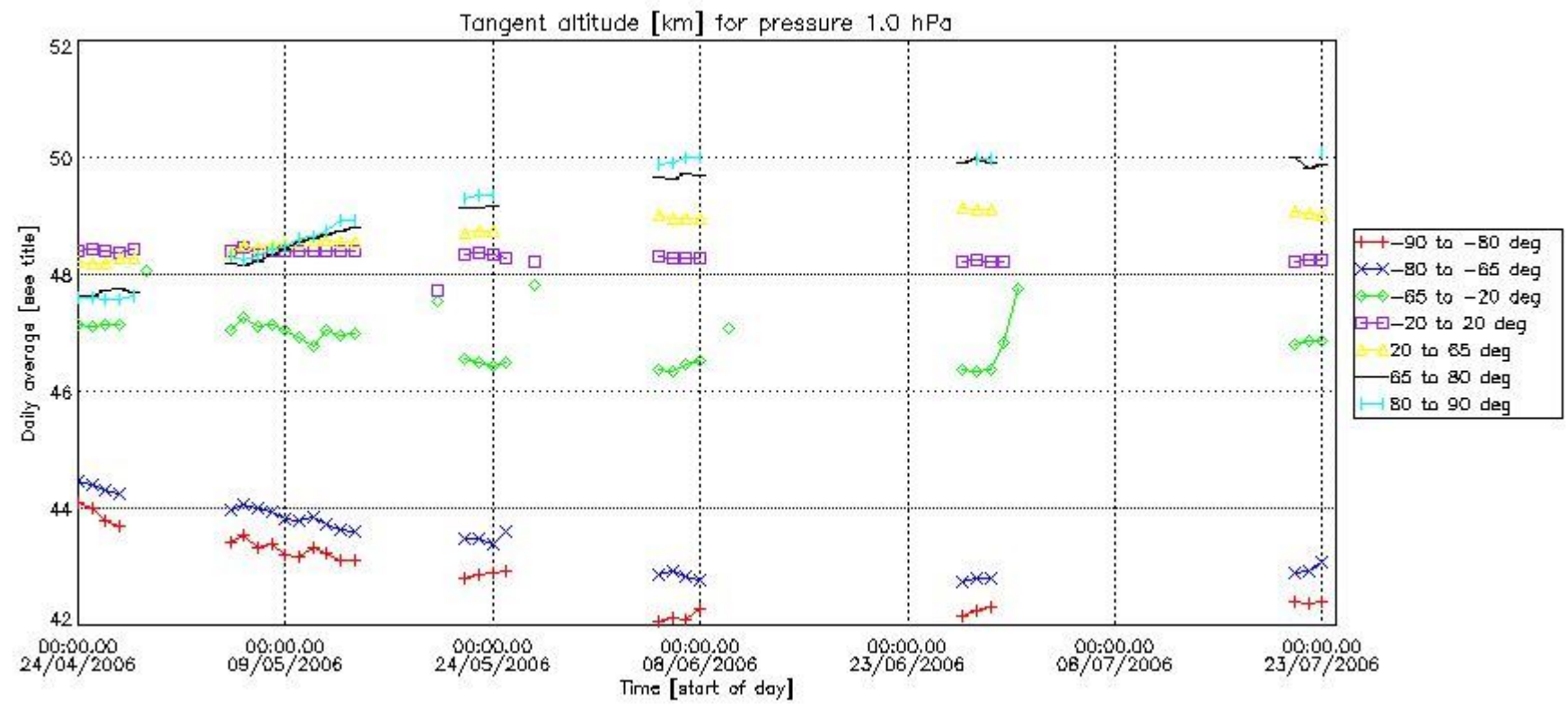


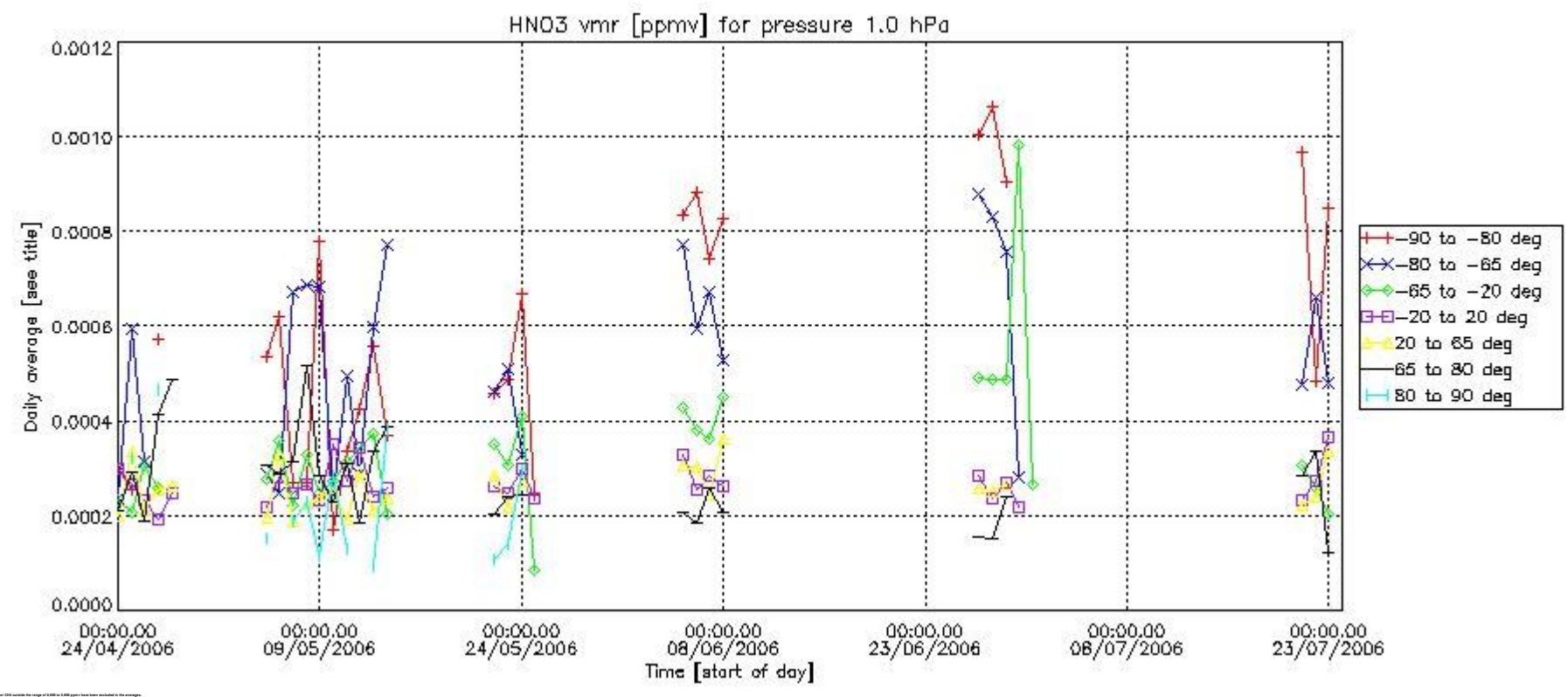
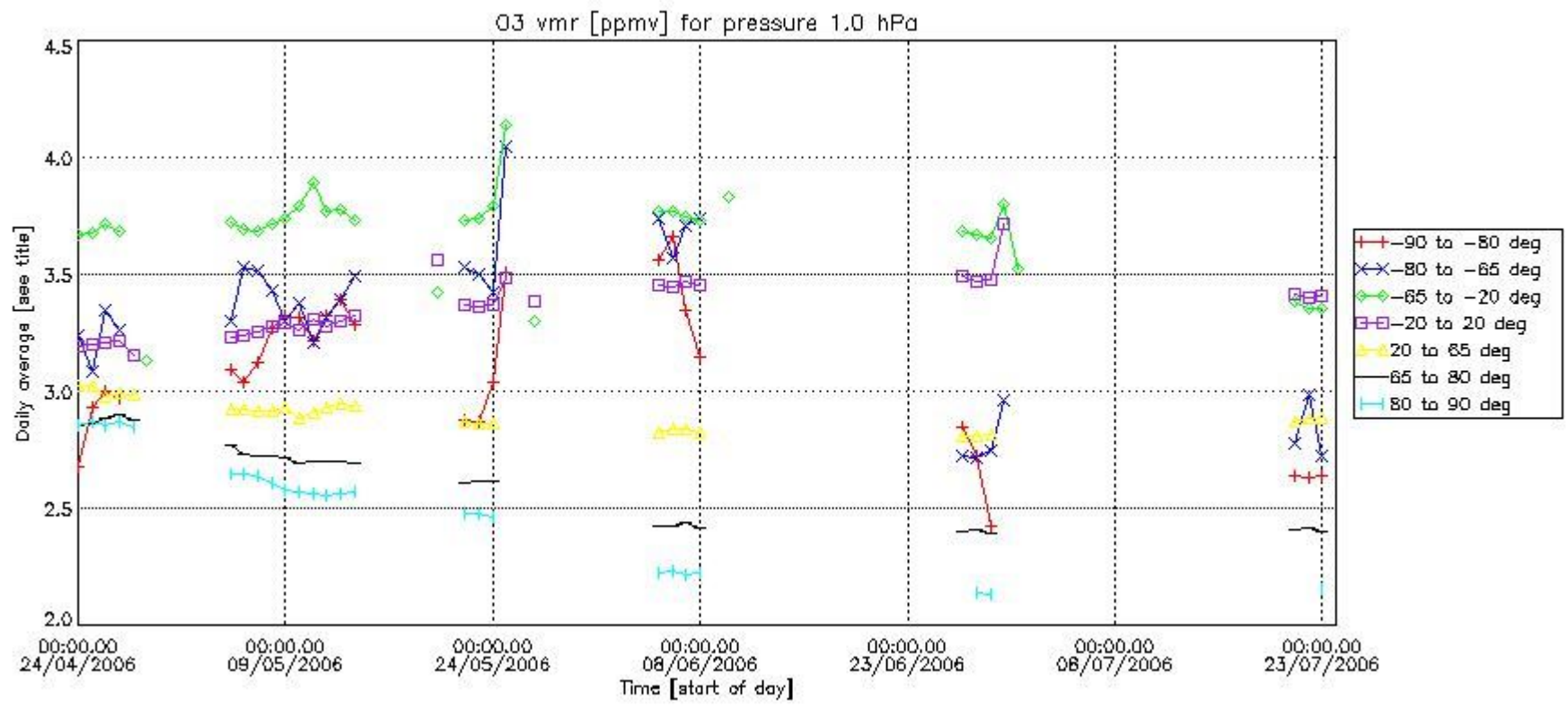


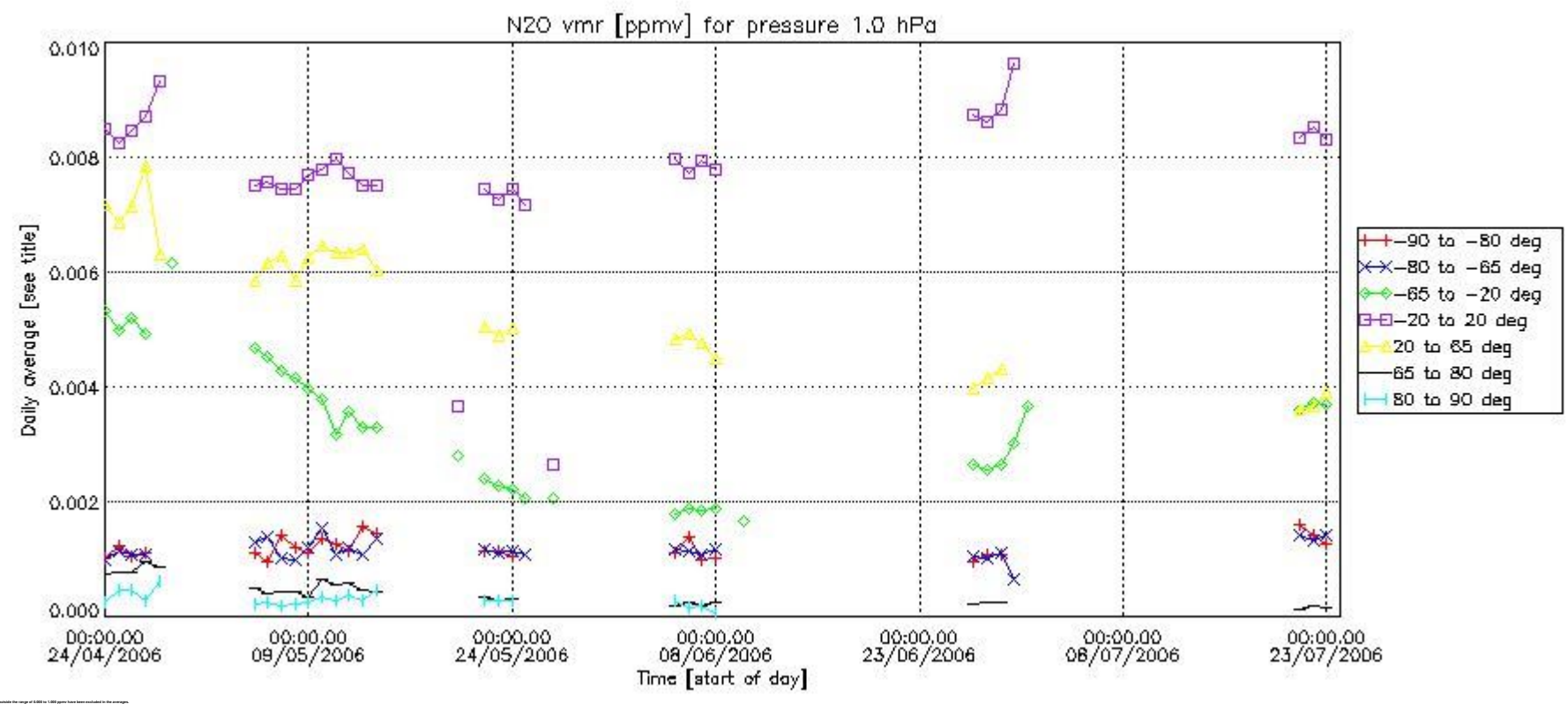
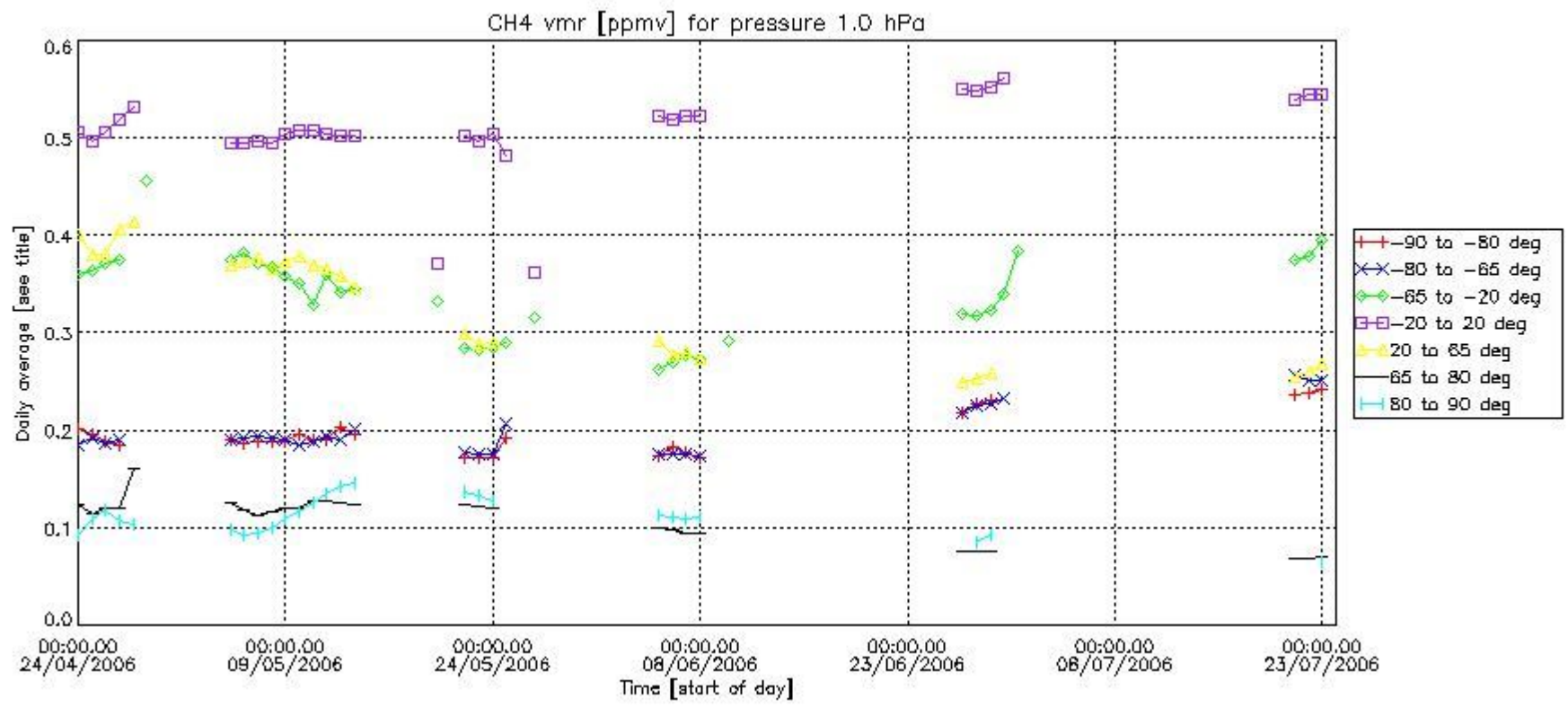


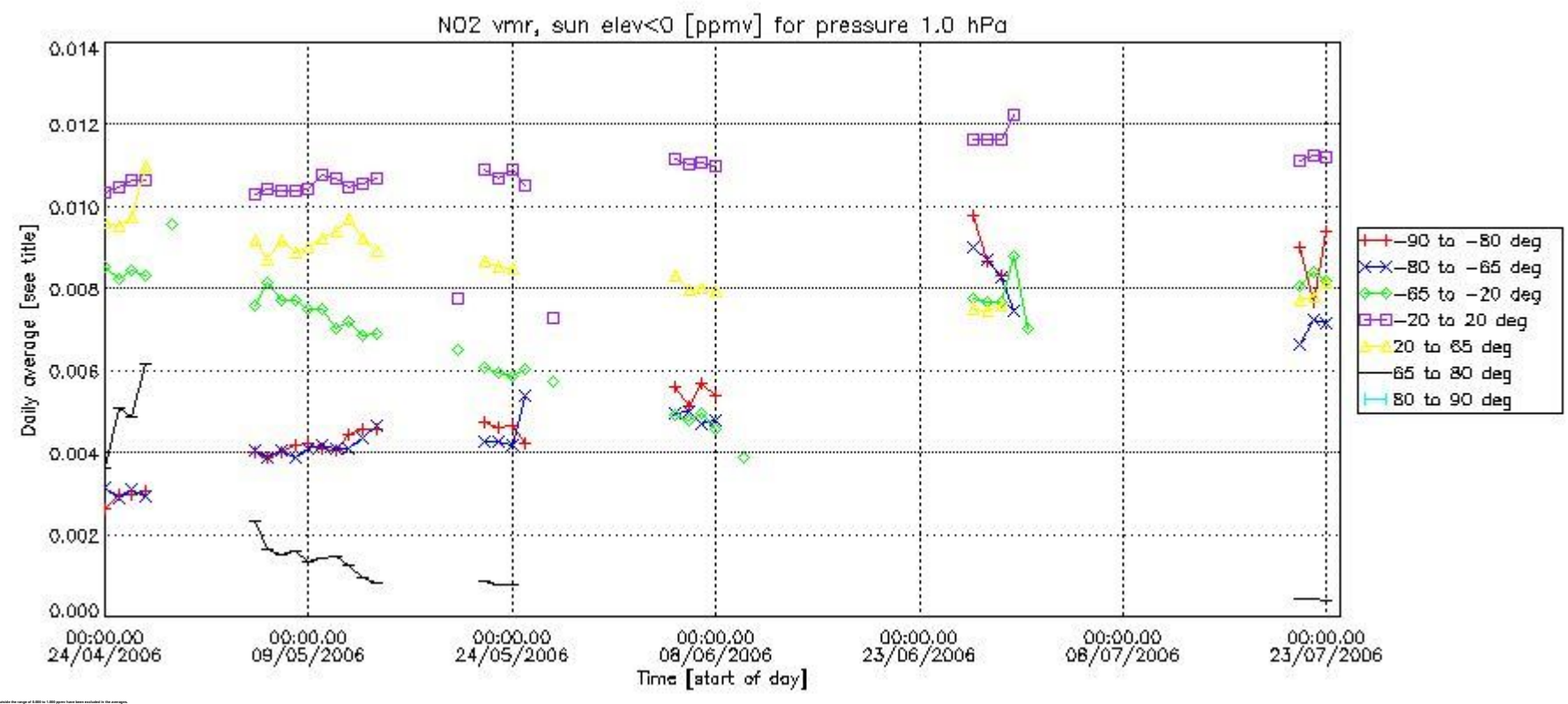
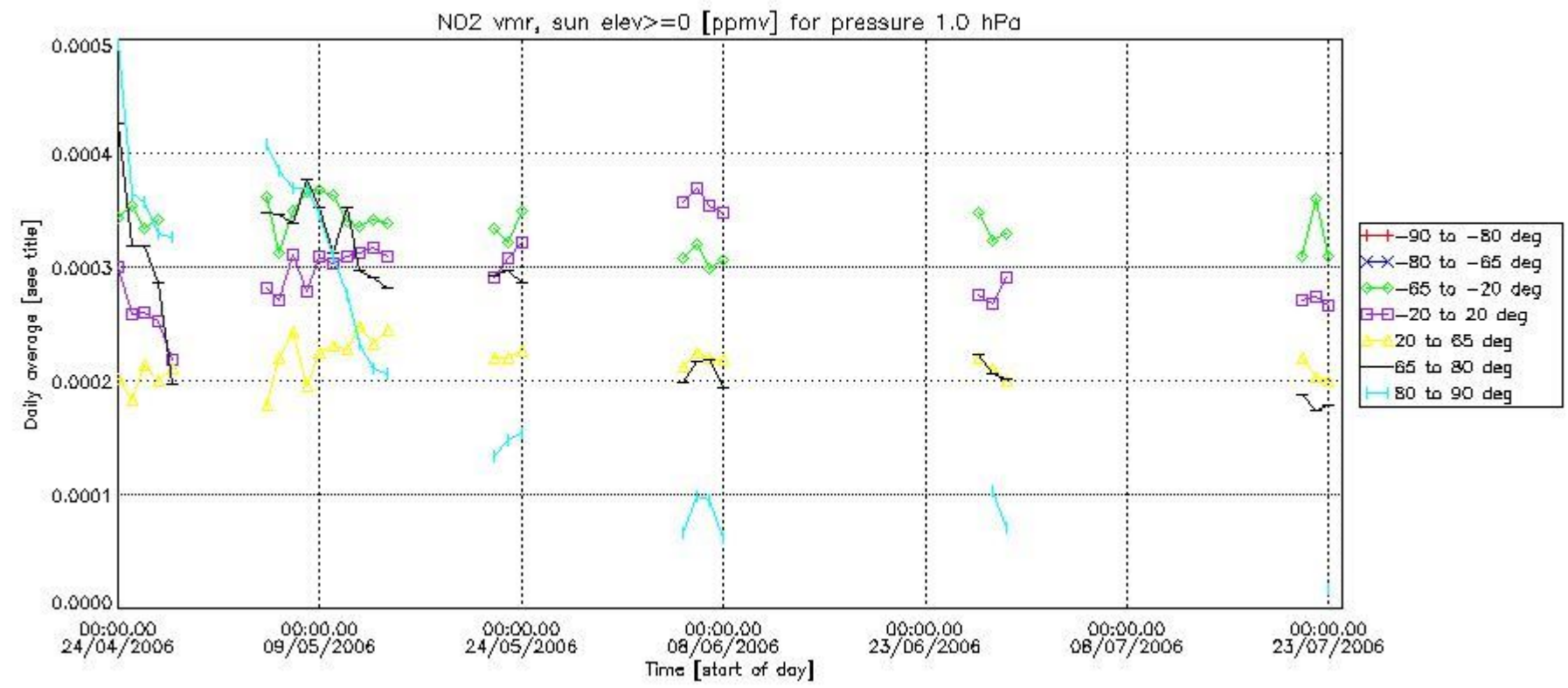


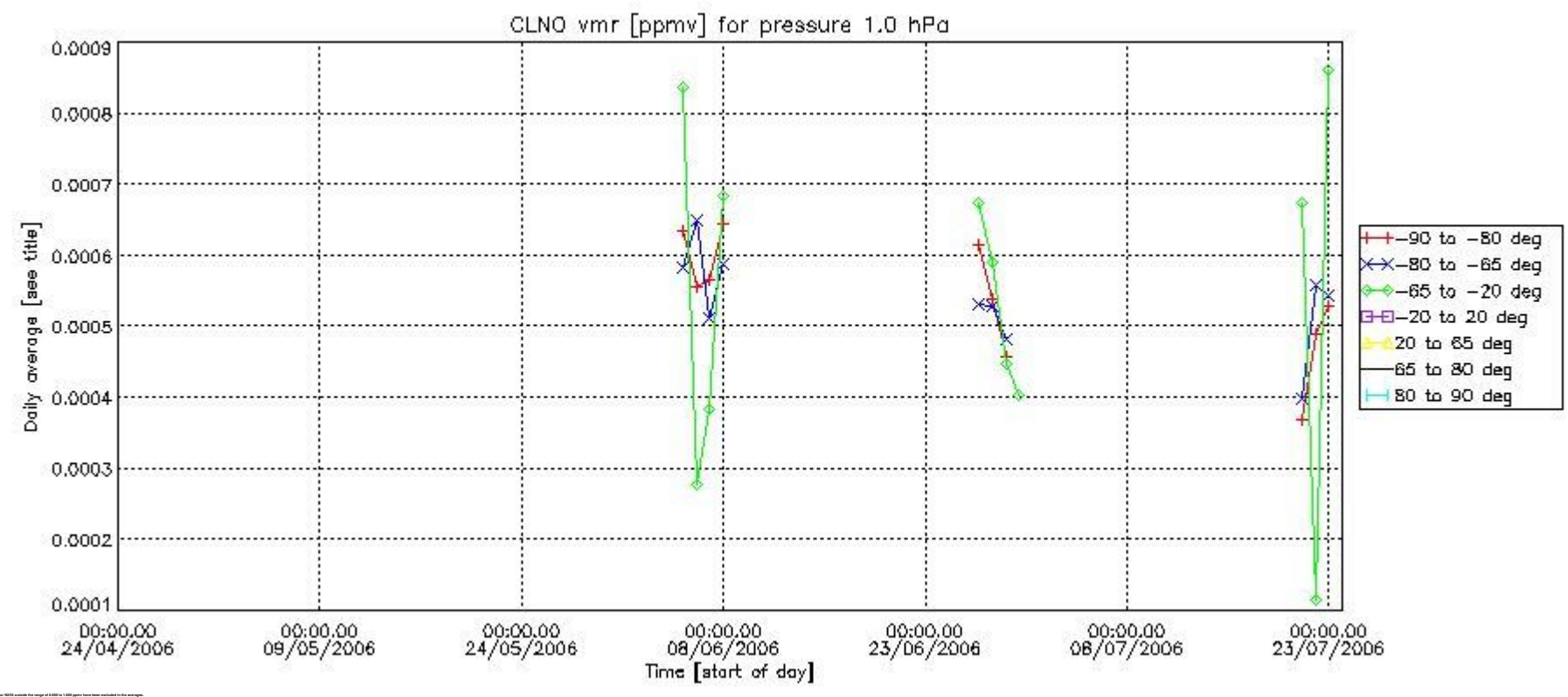
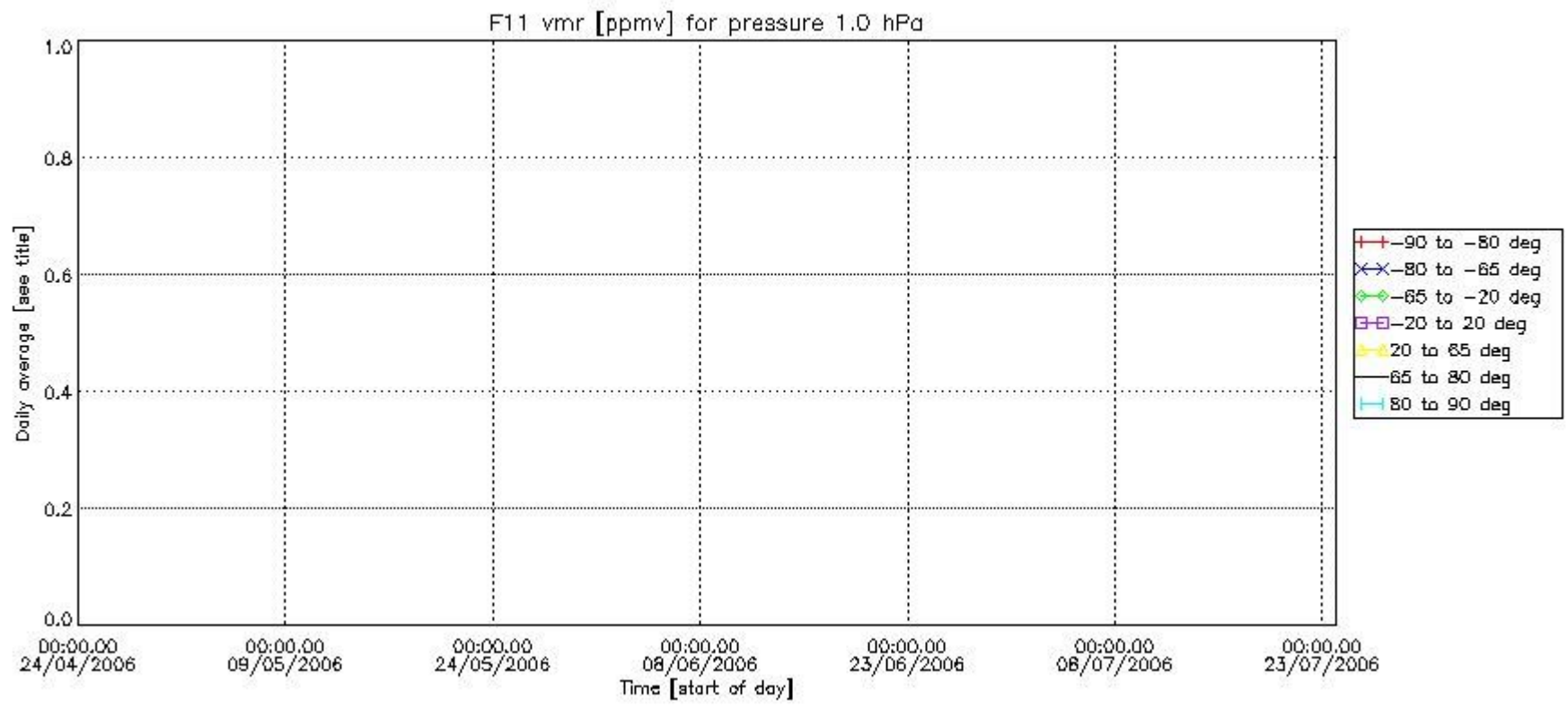


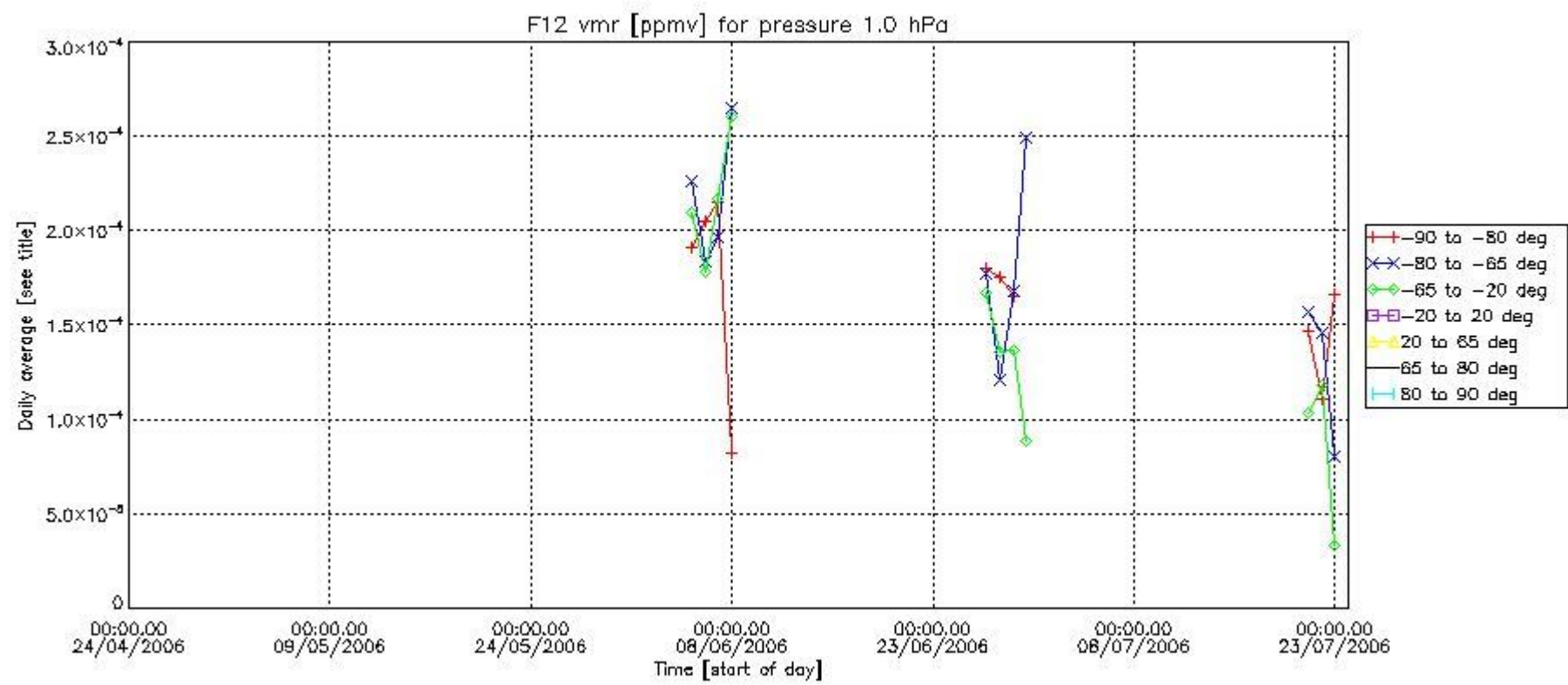
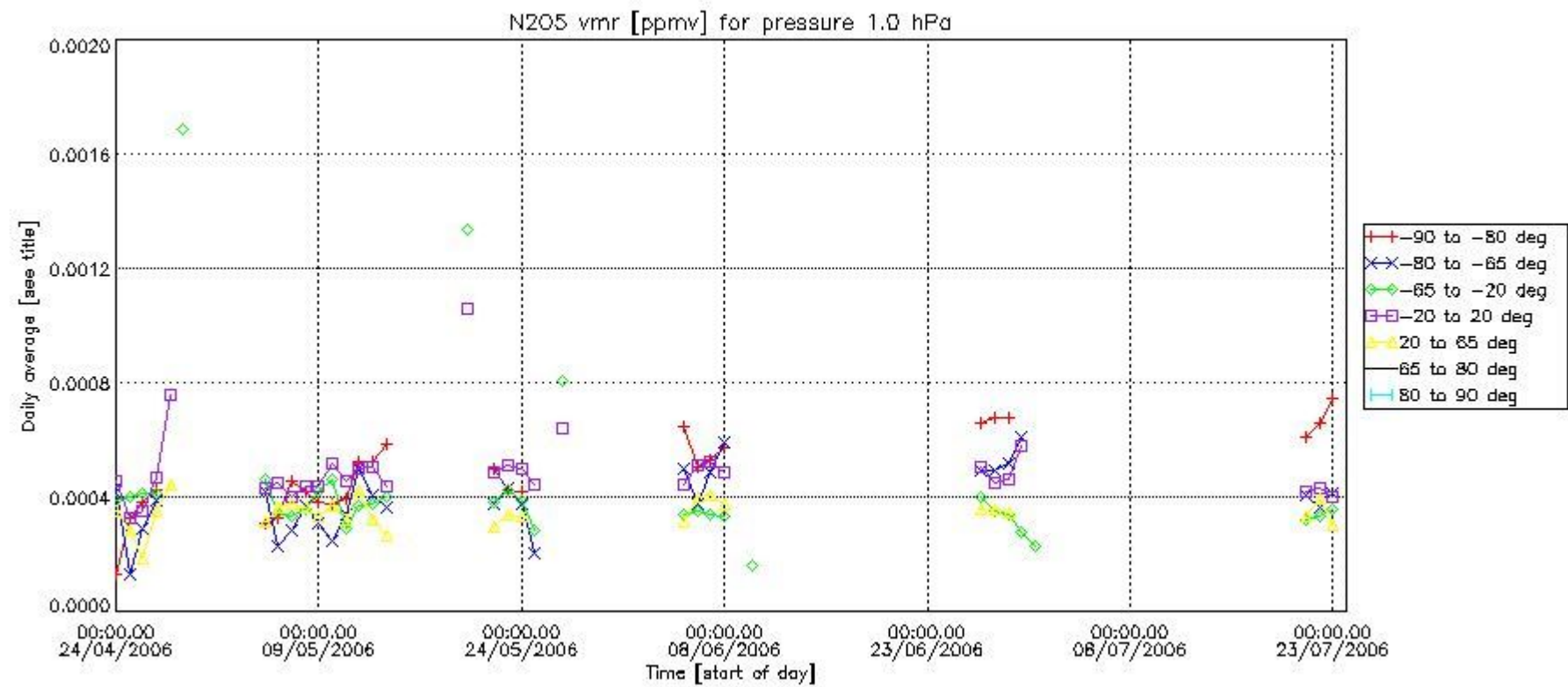


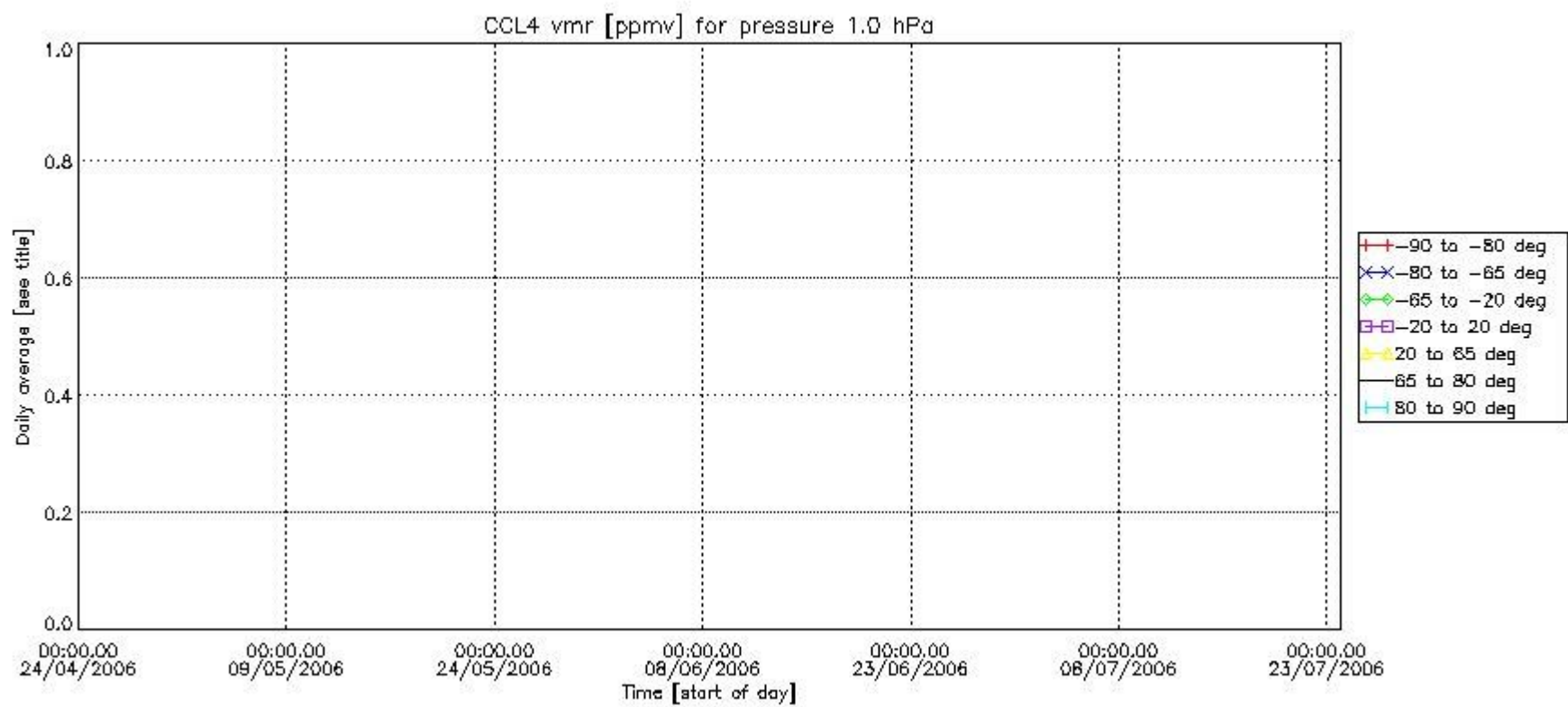
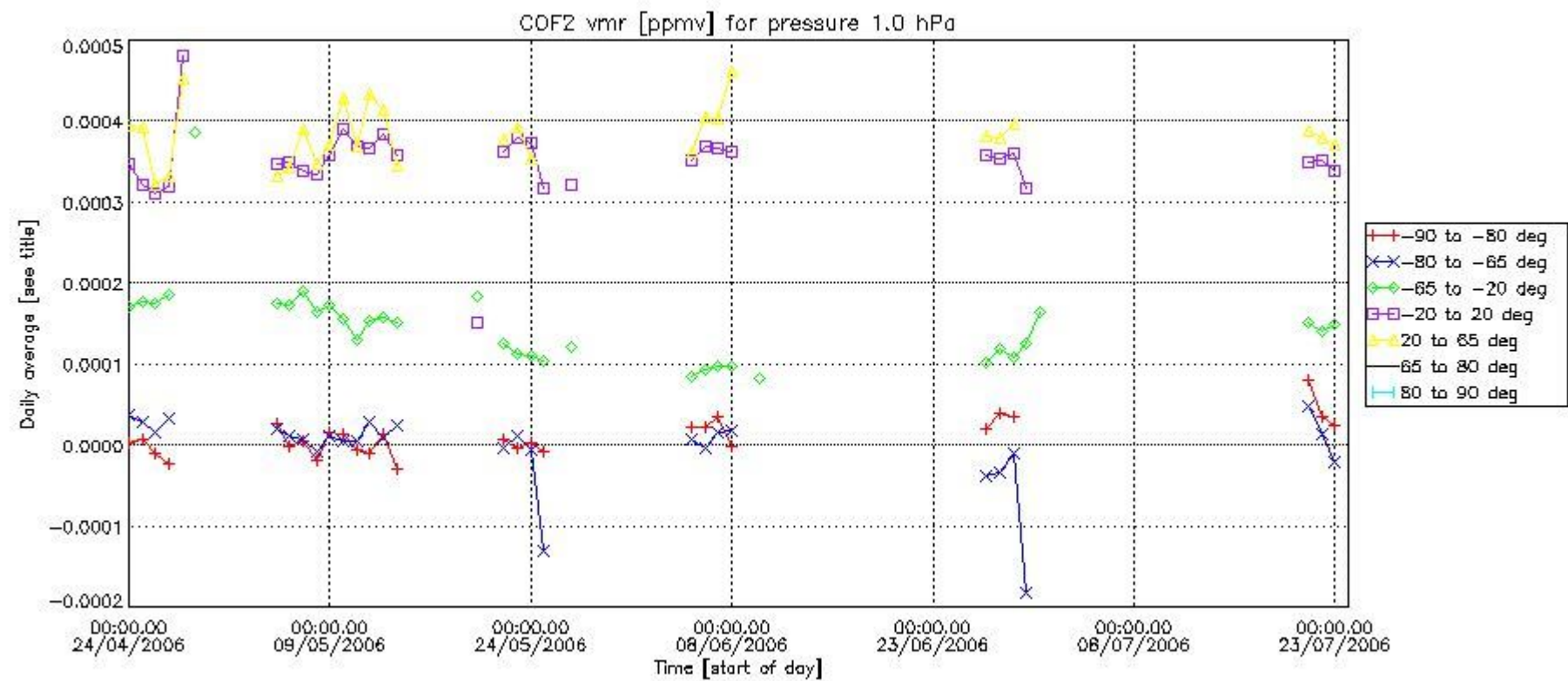


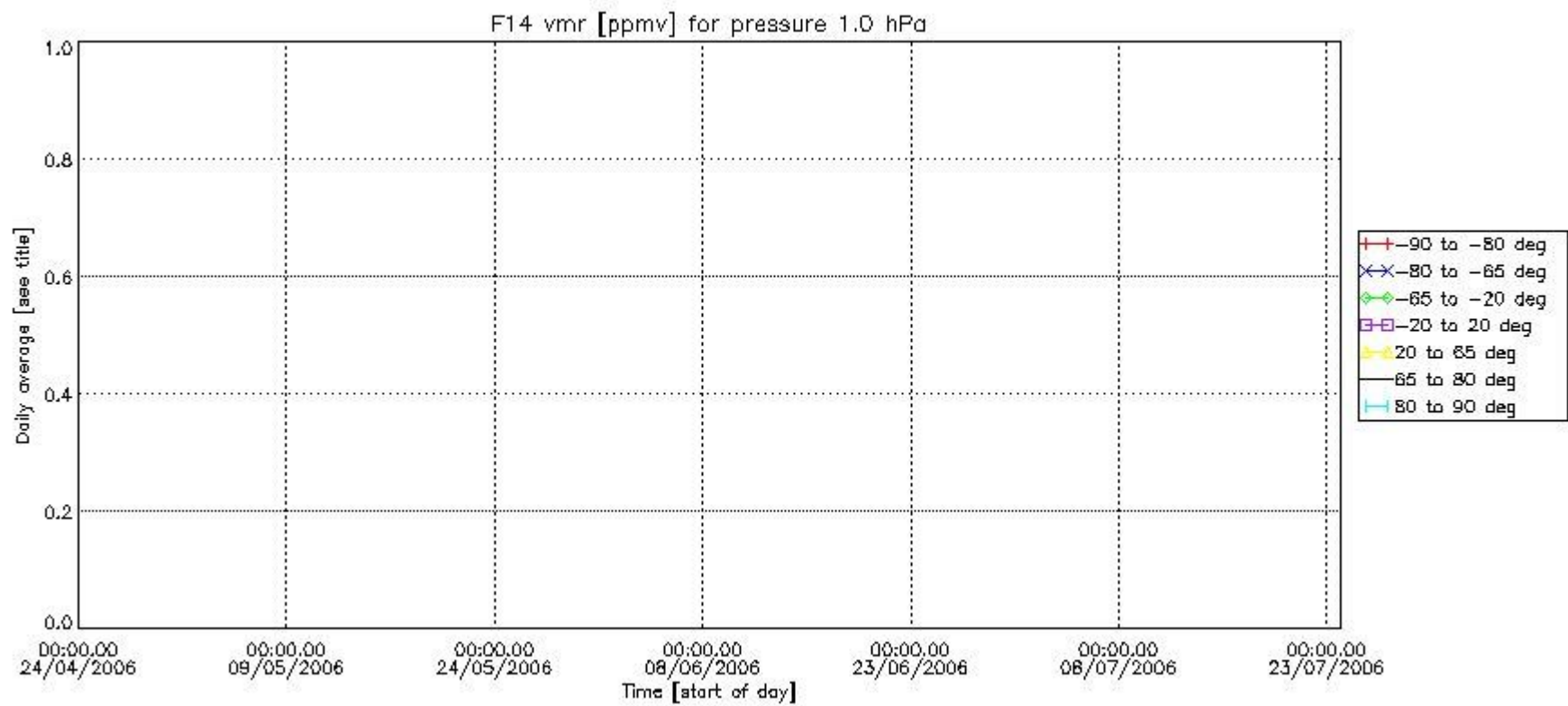
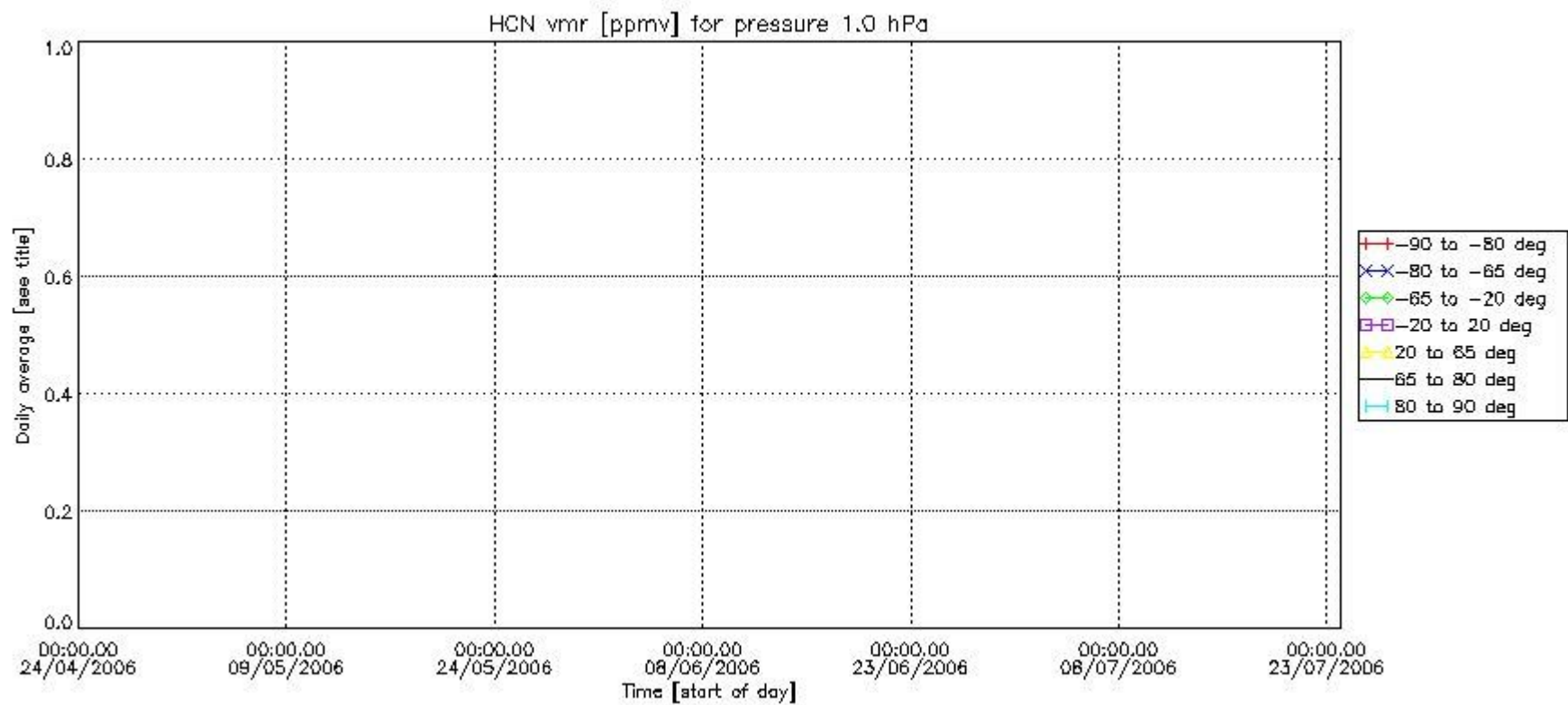


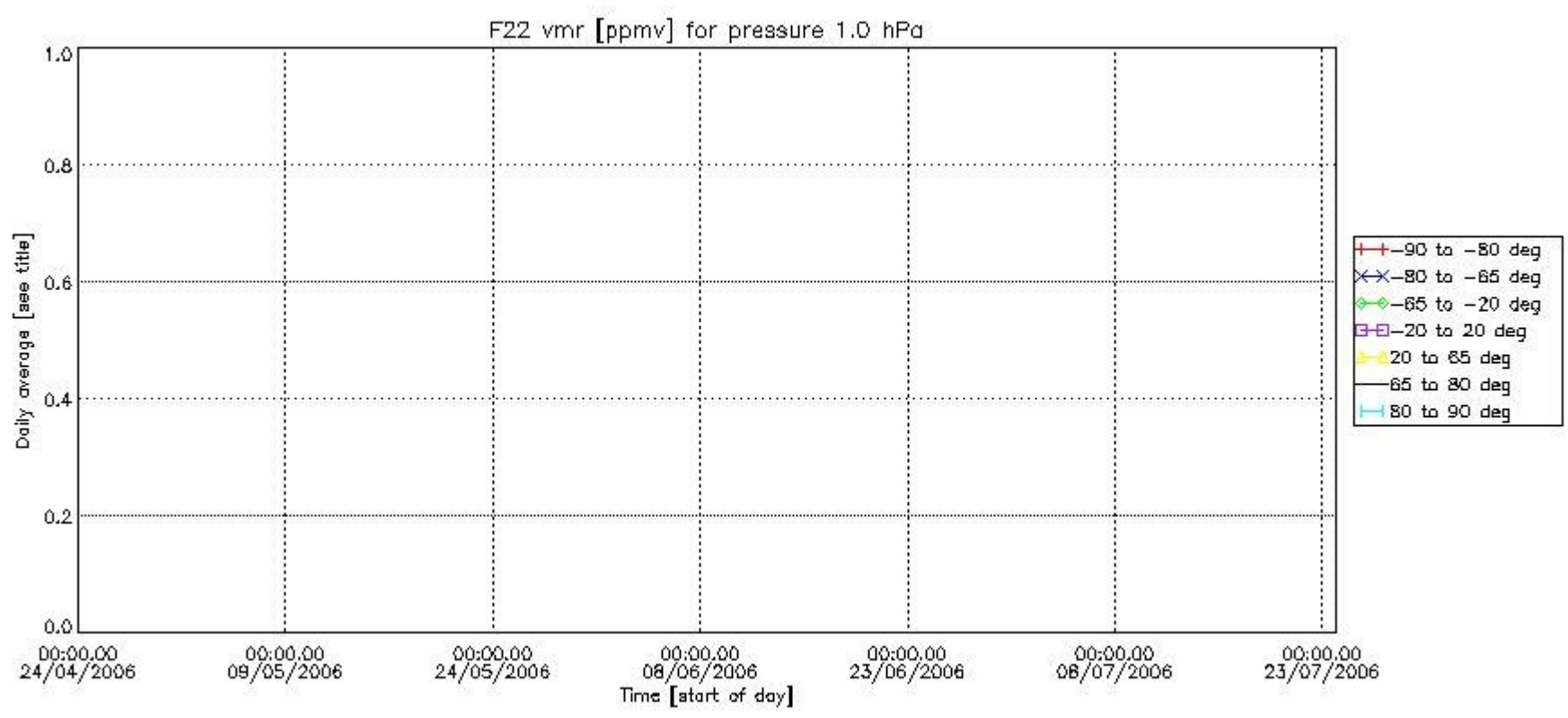












Number of successful retrievals vs. geolocation (*=day side , triangle=night side).

