

## 2. MIPAS Daily Report for level 2 products summary report

(See [mipas\\_daily\\_report\\_level2\\_ML2PP\\_7\\_03\\_W\\_20060722.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 18:53:32
Data source version	ML2PP/7.03-W
Processing scope for products	22JUL2006 00:00:00 to 23JUL2006 00:00:00
Start time of first product within scope	21JUL2006 23:54:59
Stop time of last product within scope	23JUL2006 00:47:22
Total number of level 2 products	12
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__2PWDSI20060722_235459_000050402049_00360_22959_1000.N1	21JUL2006 23:54:59	22JUL2006 01:18:59	0	111/111	<b>VMR_TERM_MACRO_MICRO[HCN/micro:1]</b>
1	MIP_NL__2PWDSI20060722_061539_000012532049_00363_22962_1000.N1	22JUL2006 06:15:39	22JUL2006 06:36:32	0	24/24	
2	MIP_NL__2PWDSI20060722_063722_000060302049_00364_22963_1000.N1	22JUL2006 06:37:22	22JUL2006 08:17:52	0	109/109	<b>VMR_TERM_MACRO_MICRO[HCN/macro:1]</b>
3	MIP_NL__2PWDSI20060722_081758_000060302049_00365_22964_1000.N1	22JUL2006 08:17:58	22JUL2006 09:58:28	0	128/128	<b>VMR_TERM_MACRO_MICRO[CLNO/micro:1]</b>
4	MIP_NL__2PWDSI20060722_095834_000050402049_00366_22965_1000.N1	22JUL2006 09:58:34	22JUL2006 11:22:34	0	111/111	
5	MIP_NL__2PWDSI20060722_131641_00001682049_00367_22966_1000.N1	22JUL2006 13:16:41	22JUL2006 13:19:29	0	4/4	
6	MIP_NL__2PWDSI20060722_131936_00000382049_00368_22967_1000.N1	22JUL2006 13:19:36	22JUL2006 13:20:14	0	1/1	
7	MIP_NL__2PWDSI20060722_164130_00000102049_00370_22969_1000.N1	22JUL2006 16:41:30	22JUL2006 16:41:40	1	1/1	
8	MIP_NL__2PWDSI20060722_194026_000012542049_00371_22970_1000.N1	22JUL2006 19:40:26	22JUL2006 20:01:20	0	24/24	
9	MIP_NL__2PWDSI20060722_200210_000060302049_00372_22971_1000.N1	22JUL2006 20:02:10	22JUL2006 21:42:39	0	128/128	<b>P_T_TERM_MACRO_MICRO[macro:1], VMR_TERM_MACRO_MICRO[F14/micro:1]</b>
10	MIP_NL__2PWDSI20060722_214246_000060302049_00373_22972_1000.N1	22JUL2006 21:42:46	22JUL2006 23:23:15	0	128/128	<b>VMR_TERM_MACRO_MICRO[F14/macro:1; HCN/micro:1]</b>
11	MIP_NL__2PWDSI20060722_232322_000050402049_00374_22973_1000.N1	22JUL2006 23:23:22	23JUL2006 00:47:22	0	111/111	<b>P_T_TERM_MACRO_MICRO[macro:1], VMR_TERM_MACRO_MICRO[CLNO/macro:1]</b>

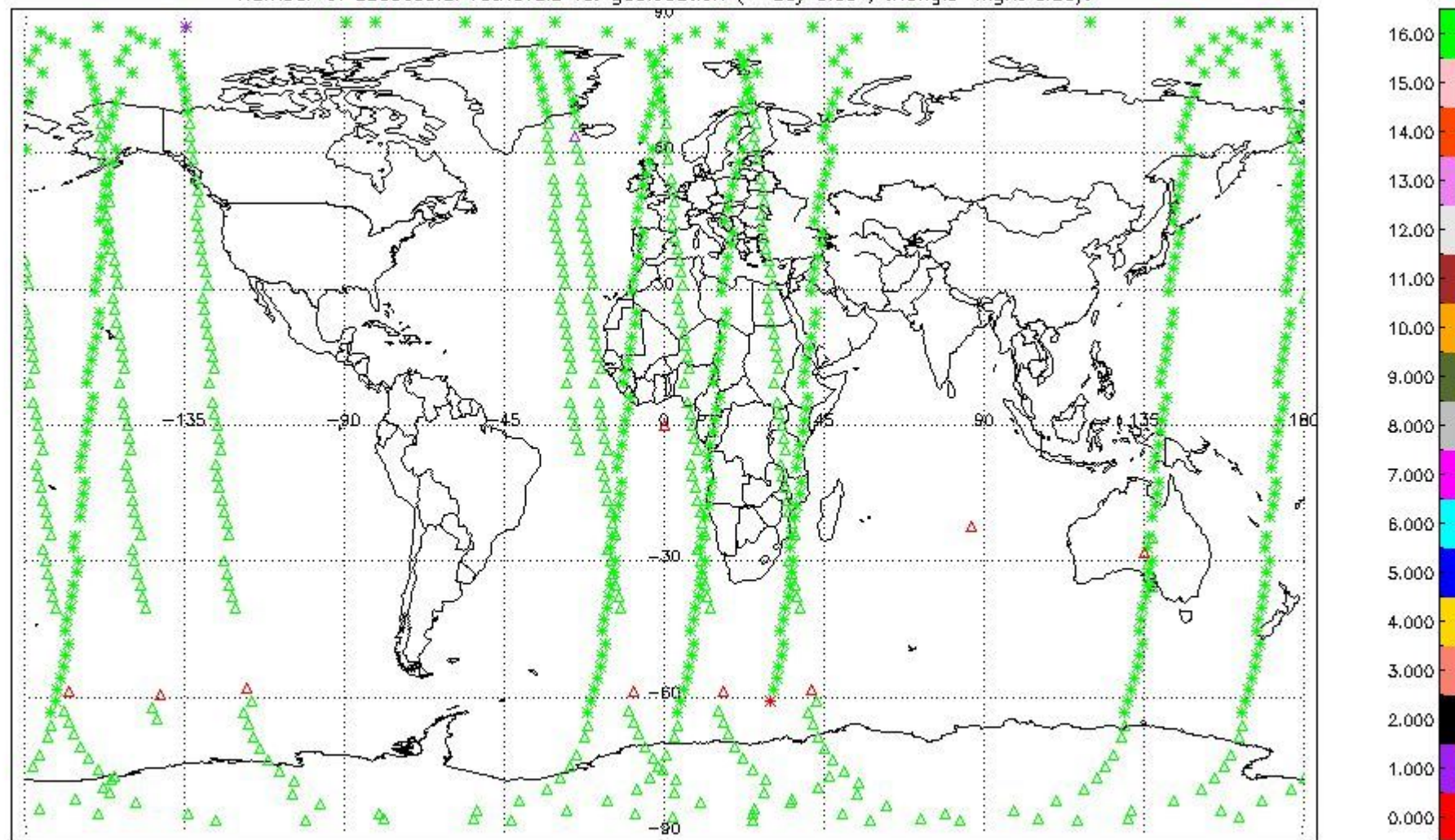
## 2.2 Processing performance indicators

### 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.

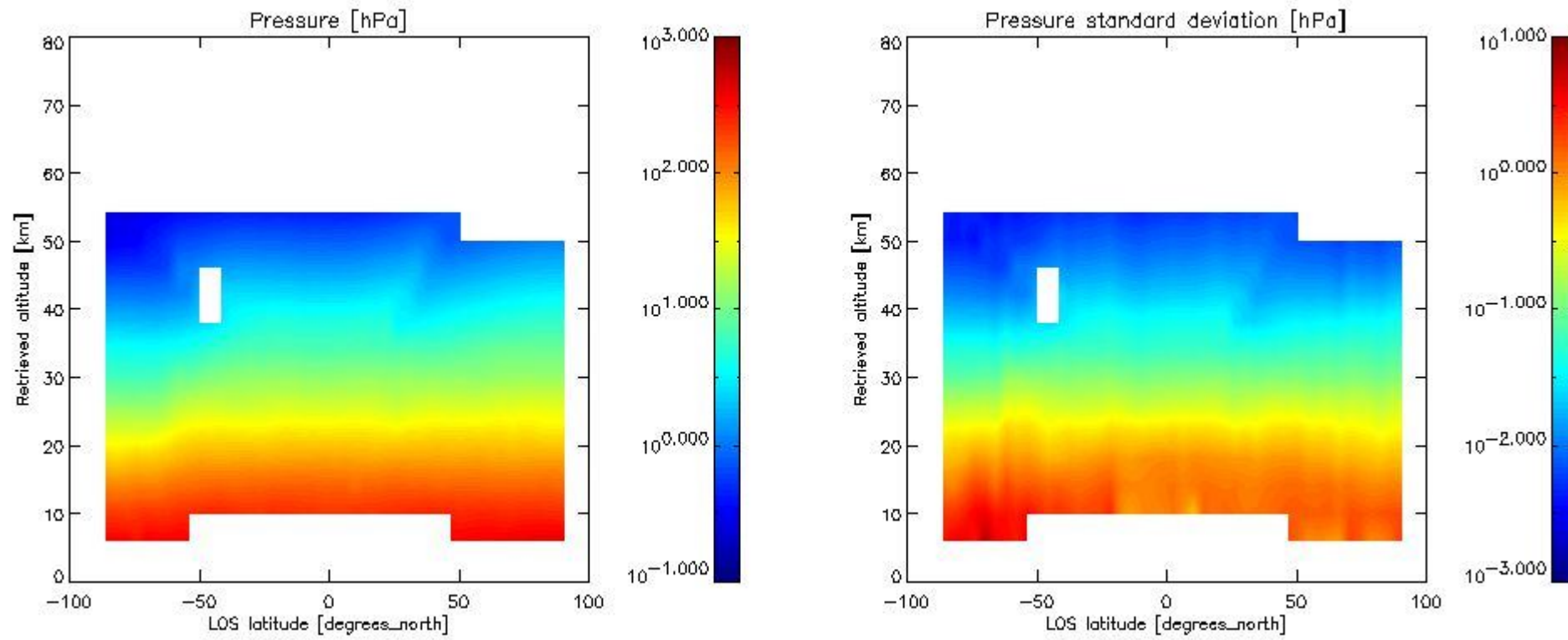
RETRIEVAL MDS	# scans processed	# Successful retrievals	%
PT	880	795	90.341
H2O	880	793	90.114
O3	880	793	90.114
HNO3	880	793	90.114
CH4	880	793	90.114
N2O	880	793	90.114
NO2	880	793	90.114
F11	880	793	90.114
CLNO	880	793	90.114
N2O5	880	793	90.114
F12	880	793	90.114
COF2	880	793	90.114
CCL4	880	793	90.114
HCN	880	793	90.114
F14	880	793	90.114
F22	880	793	90.114

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



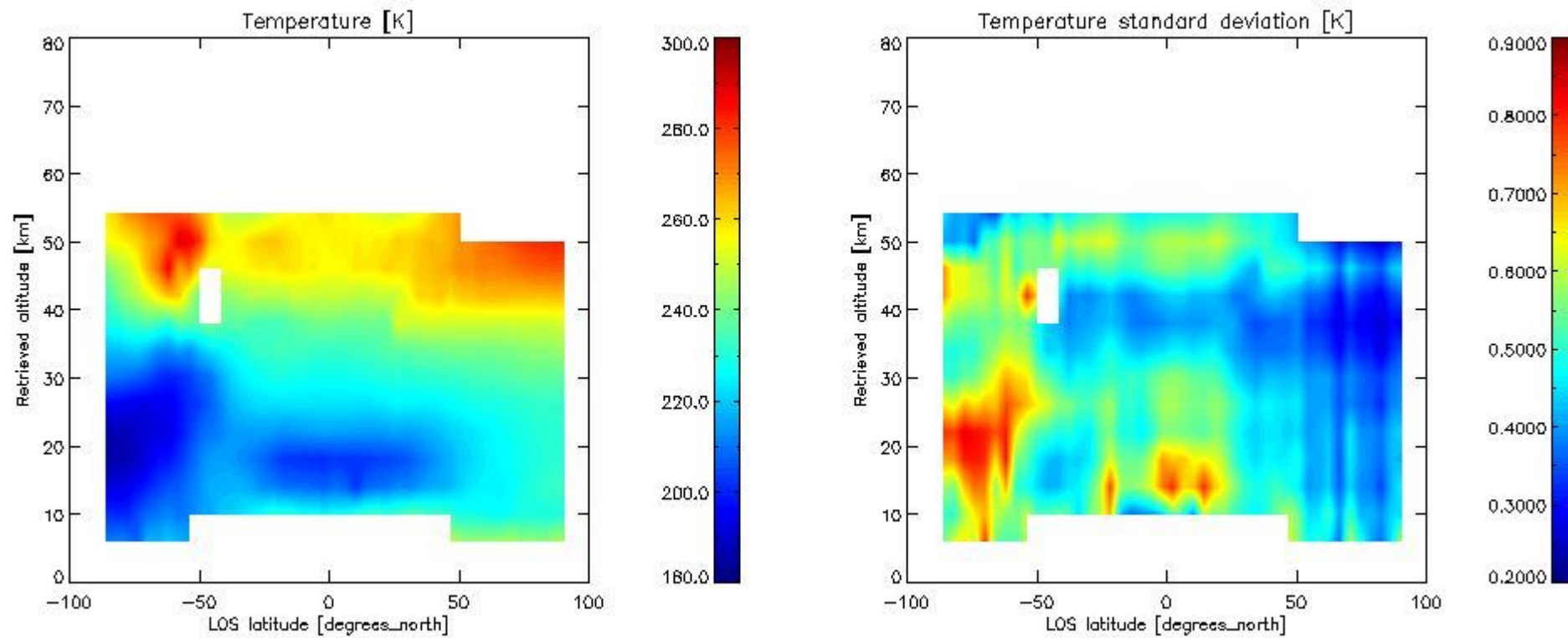
## 2.2.2 Pressure overview

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

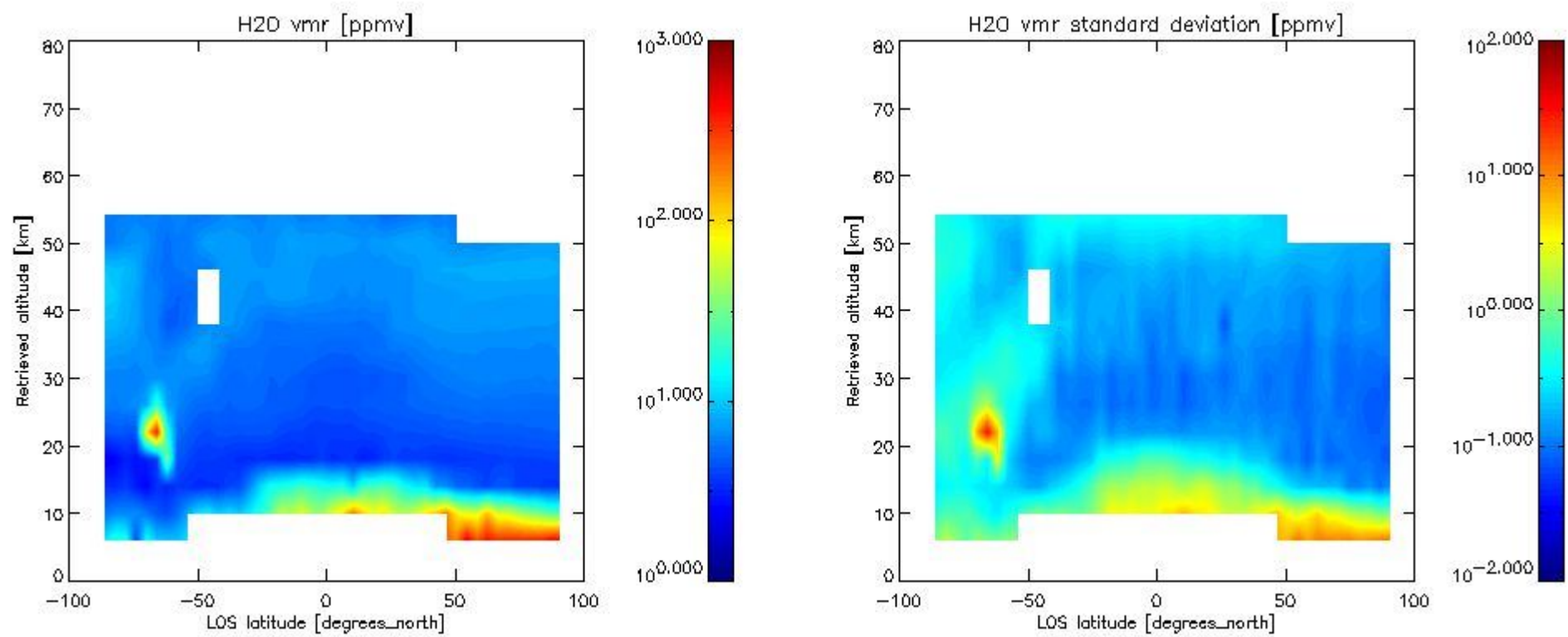
This section shows values (left) and error (right) for temperature after binning individual sweep values over retrieved altitude and tangent latitude.



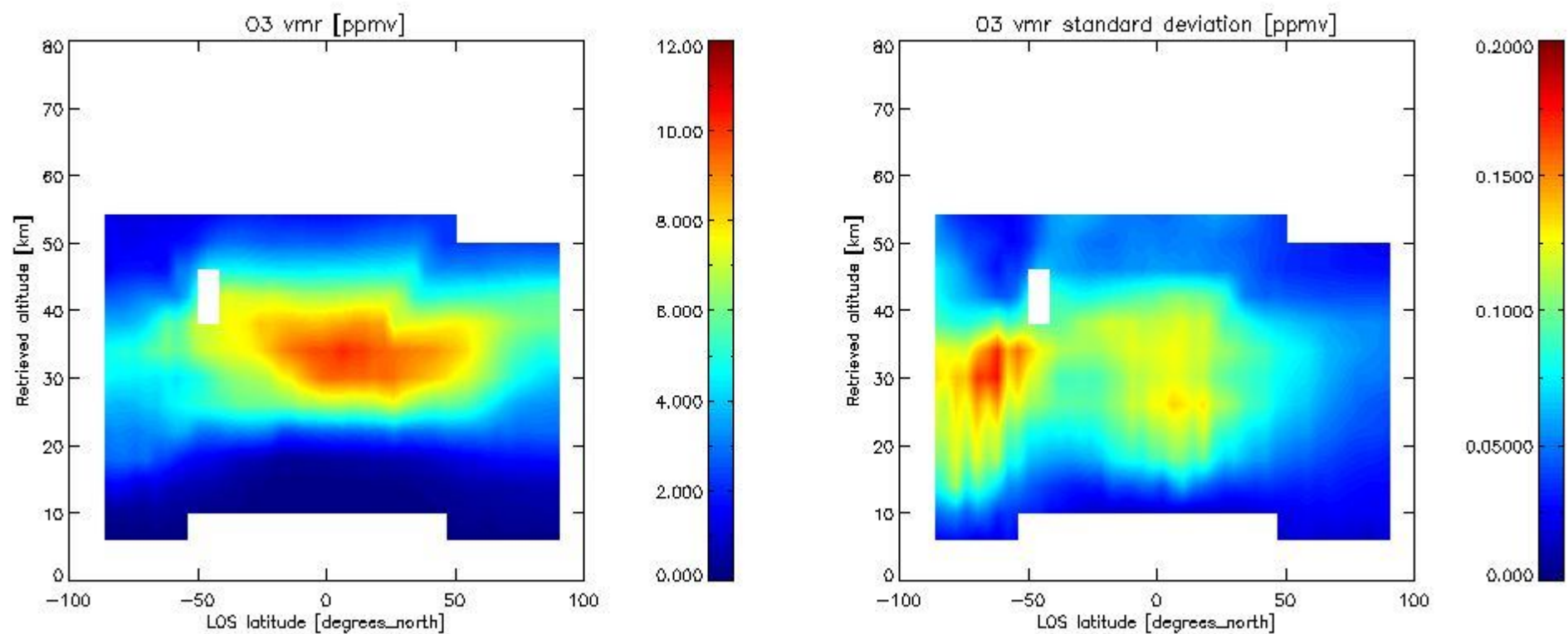
### 2.2.4 Species overview

**2.2.4.1 H<sub>2</sub>O overview** This section shows values (left) and error (right) for H<sub>2</sub>O after binning individual sweep values over retrieved altitude and tangent latitude.

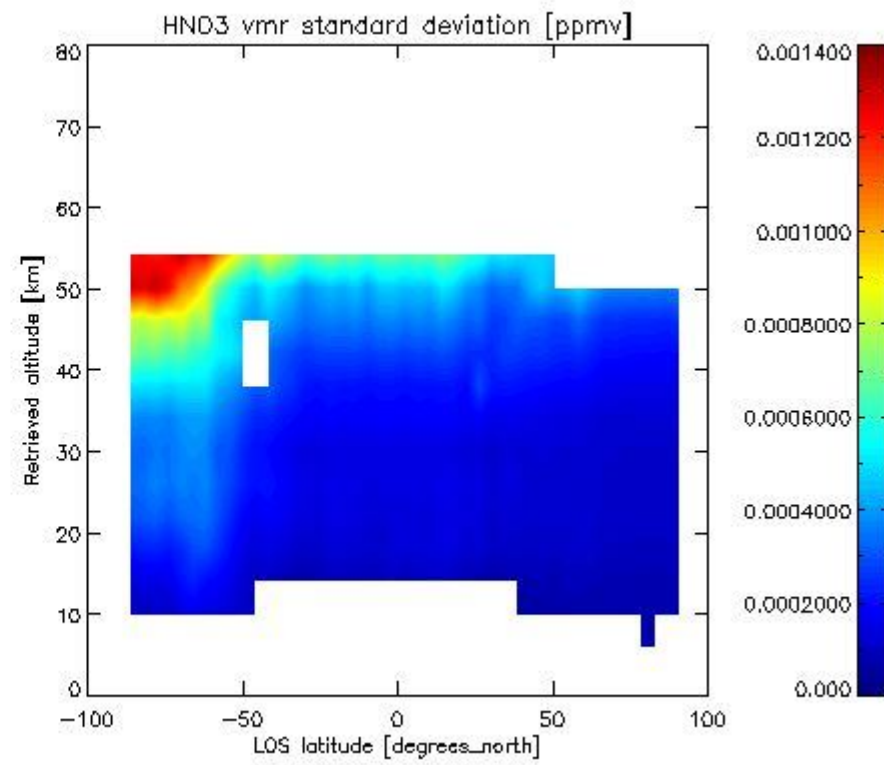
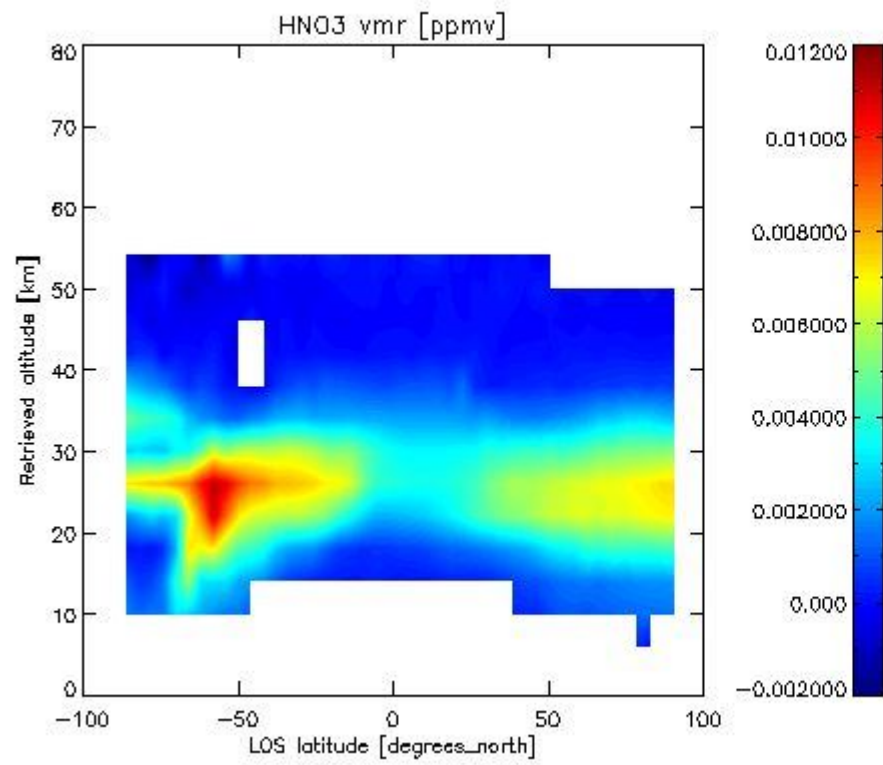




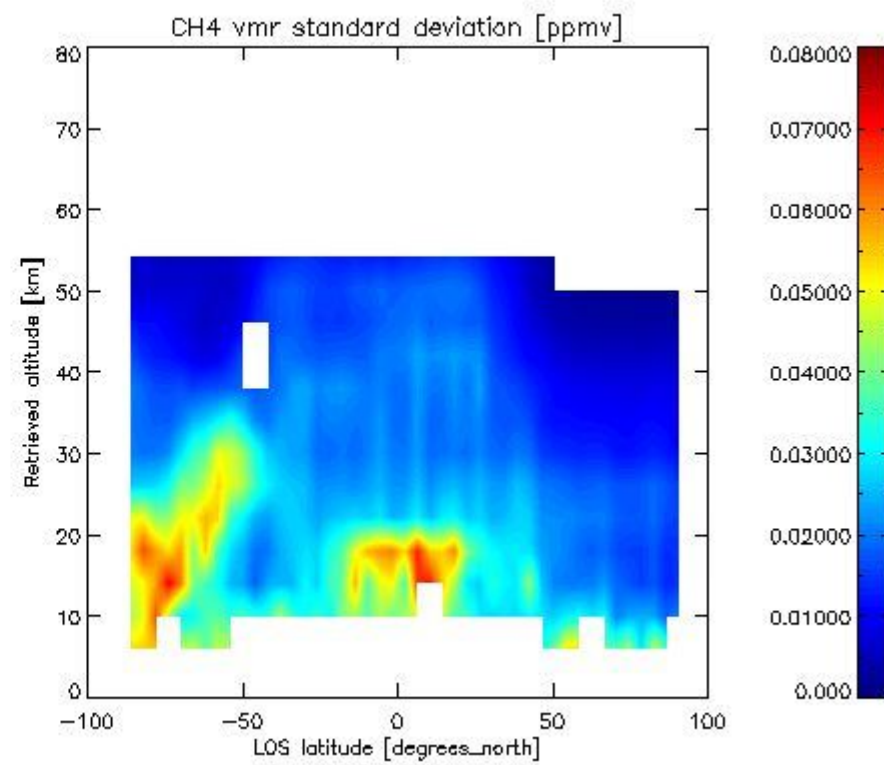
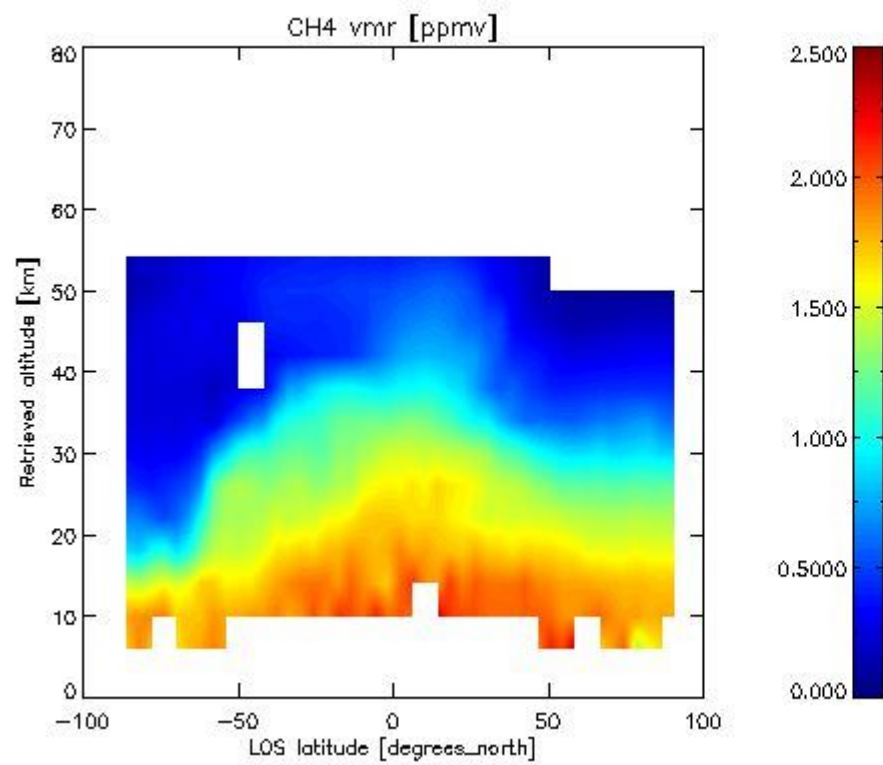
2.2.4.2 O3 overview This section shows values (left) and error (right) for O3 after binning individual sweep values over retrieved altitude and tangent latitude.



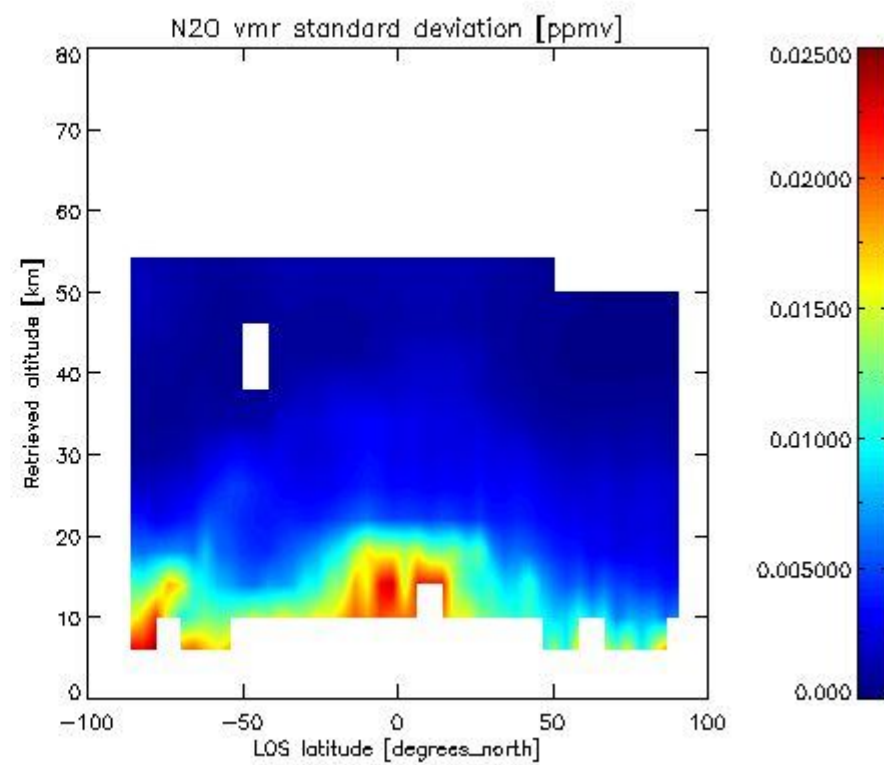
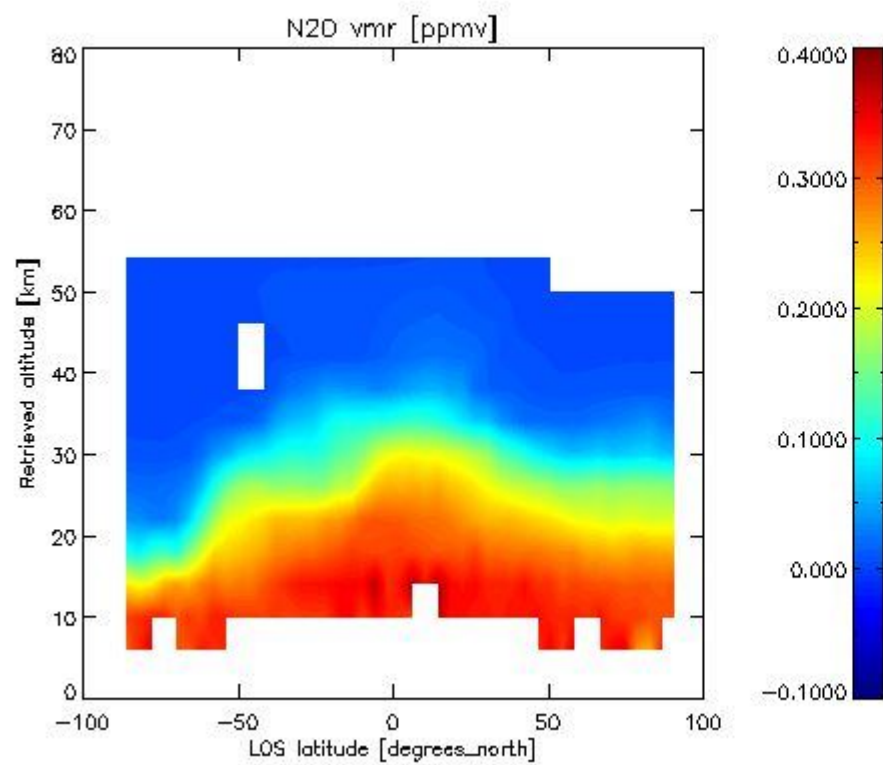
2.2.4.3 HNO3 overview This section shows values (left) and error (right) for HNO3 after binning individual sweep values over retrieved altitude and tangent latitude.



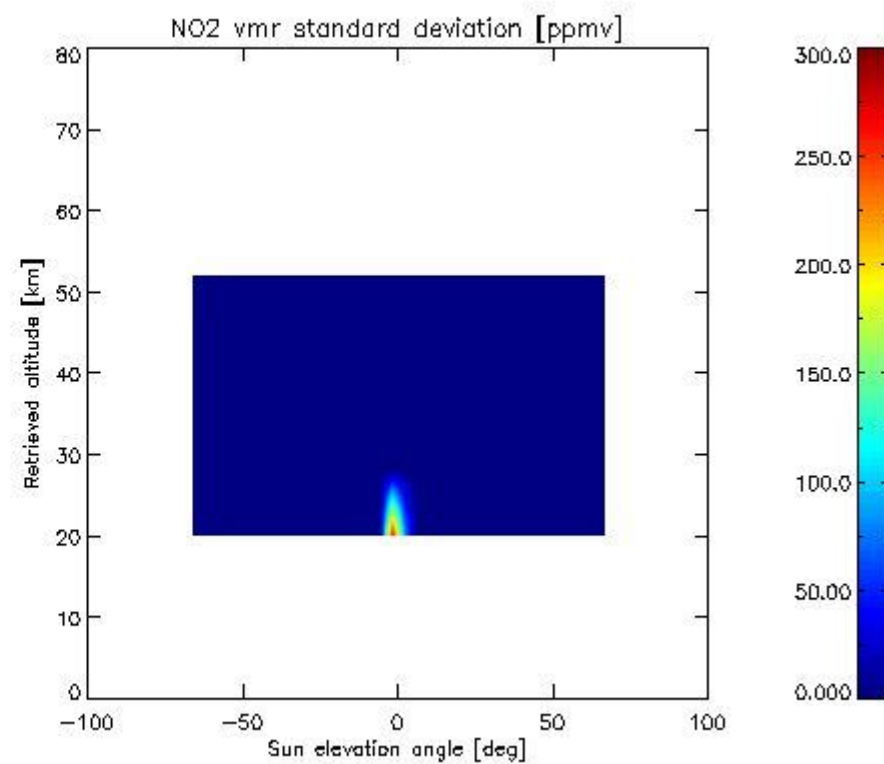
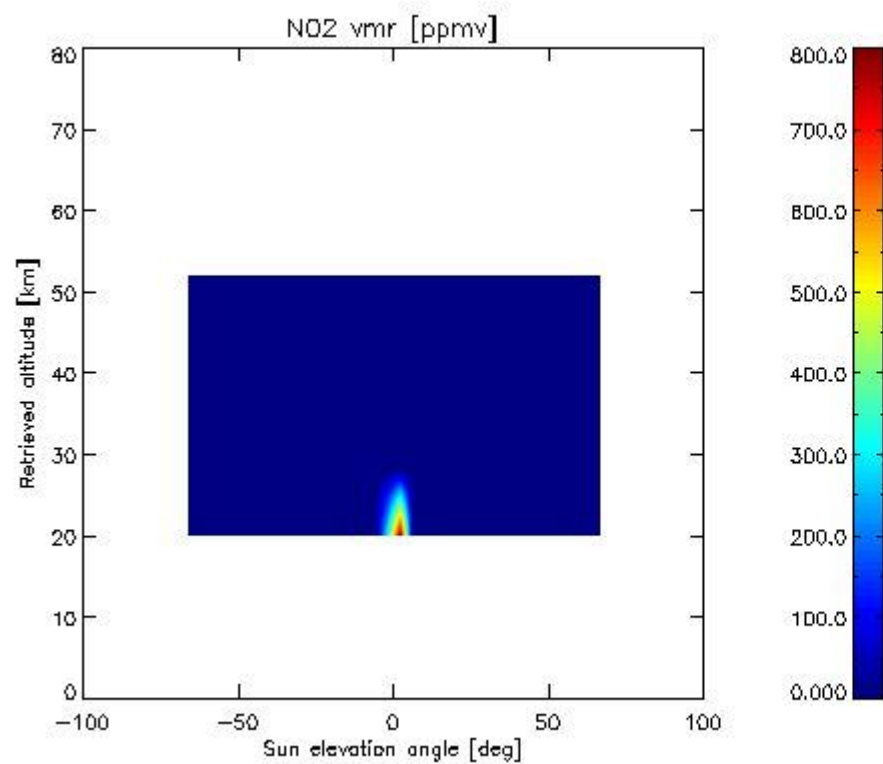
2.2.4.4 CH4 overview This section shows values (left) and error (right) for CH4 after binning individual sweep values over retrieved altitude and tangent latitude.



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.

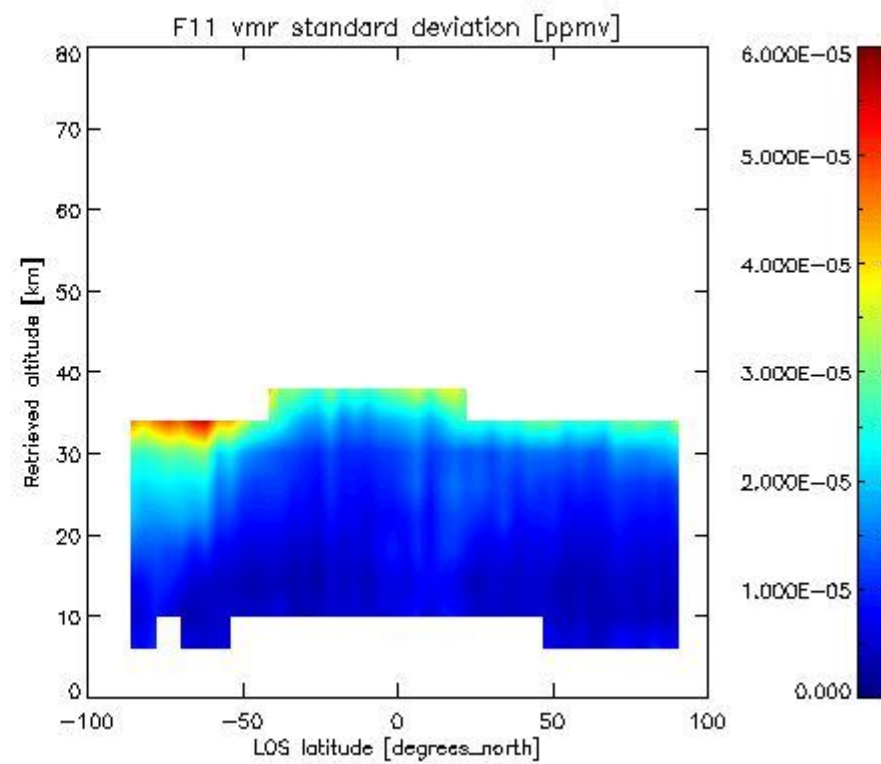
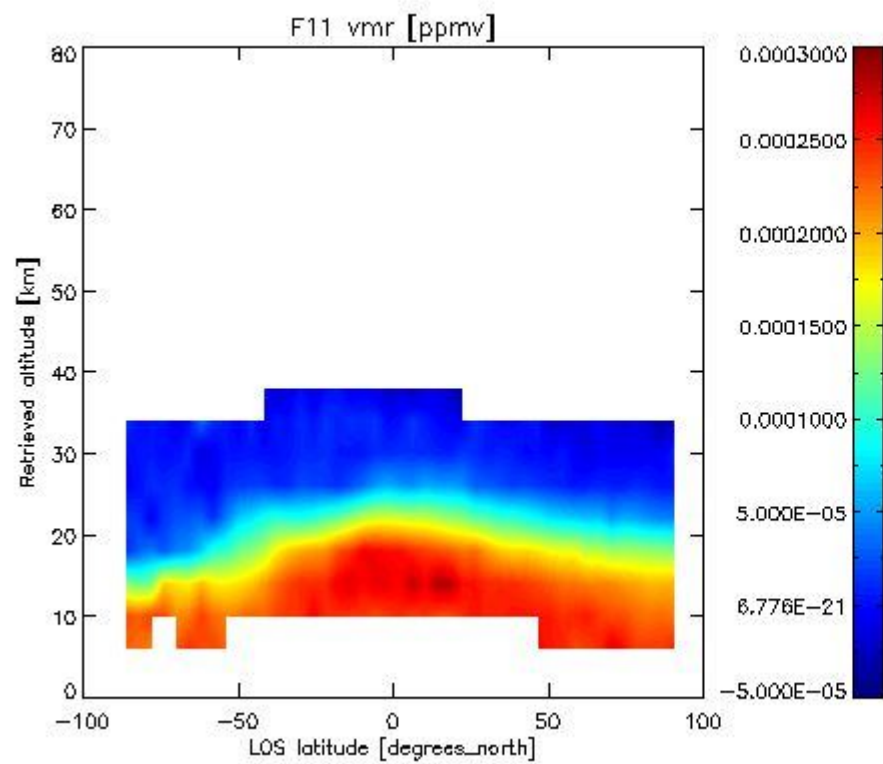


2.2.4.6 NO<sub>2</sub> overview This section shows values (left) and error (right) for NO<sub>2</sub> after binning individual sweep values over retrieved altitude and Sun Elevation Angle. Note that for NO<sub>2</sub> the bin heights are 6 km.

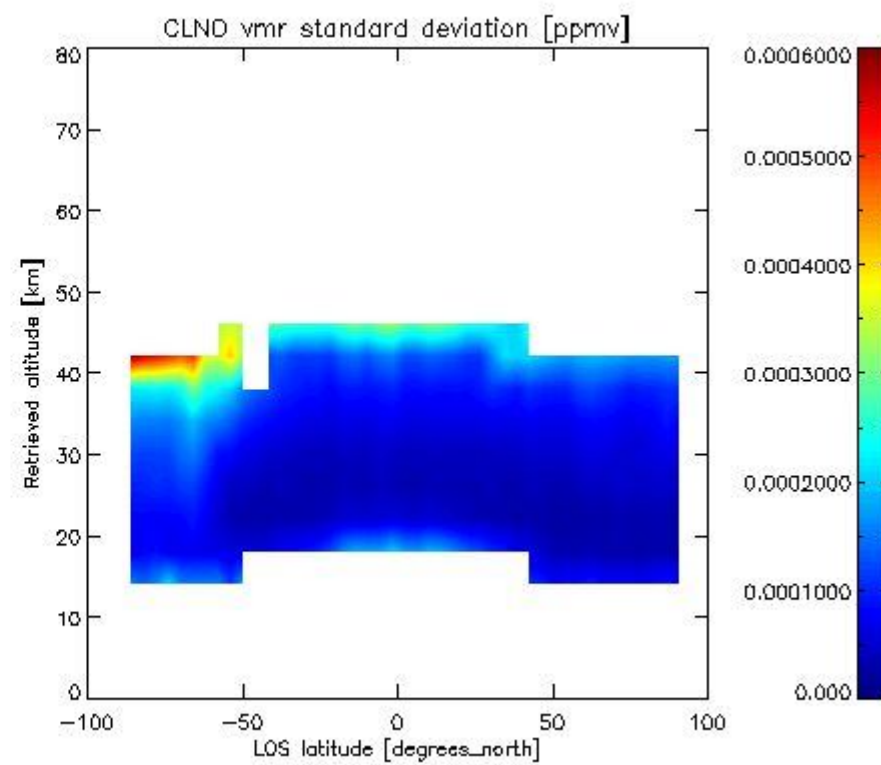
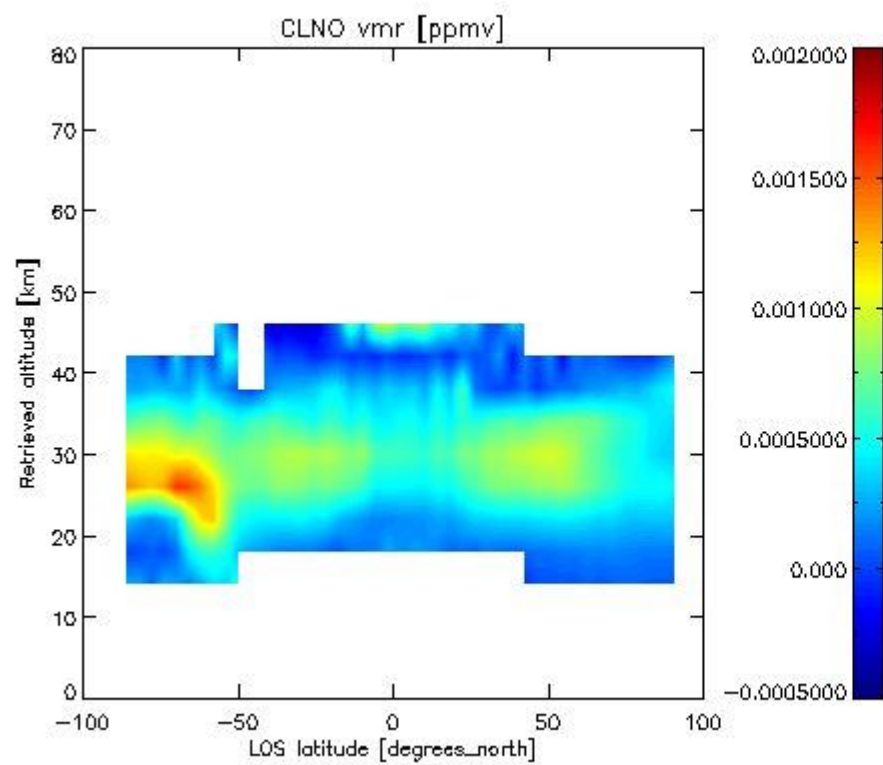


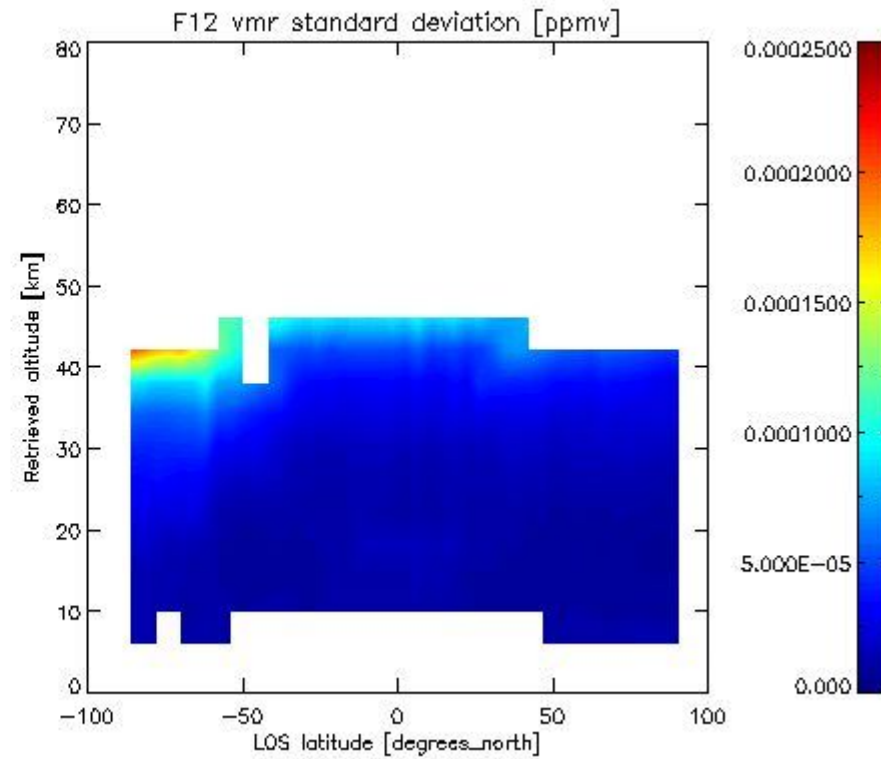
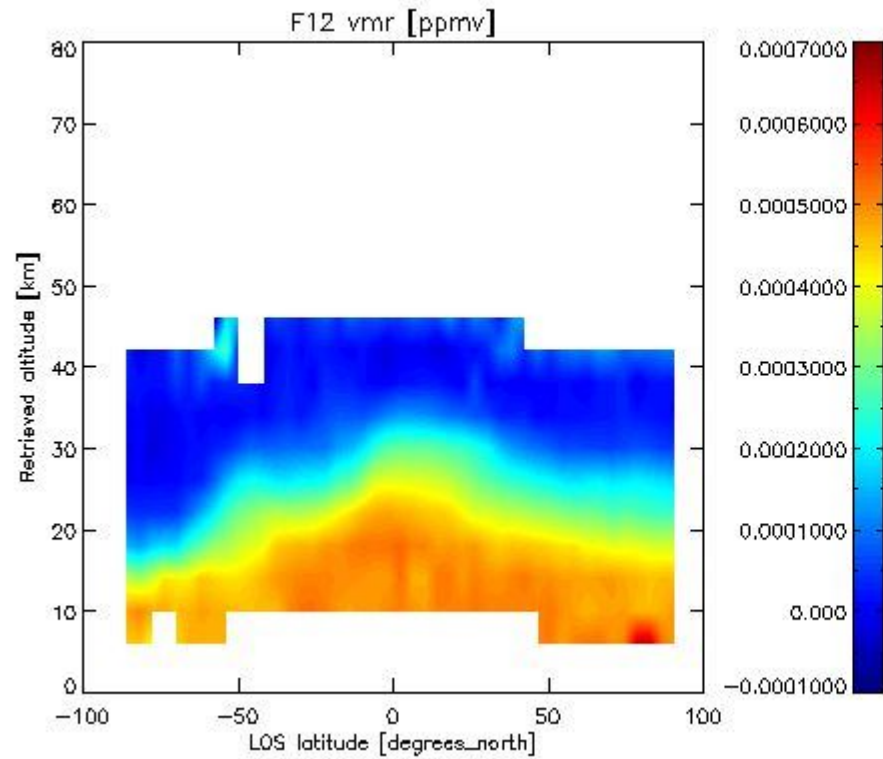
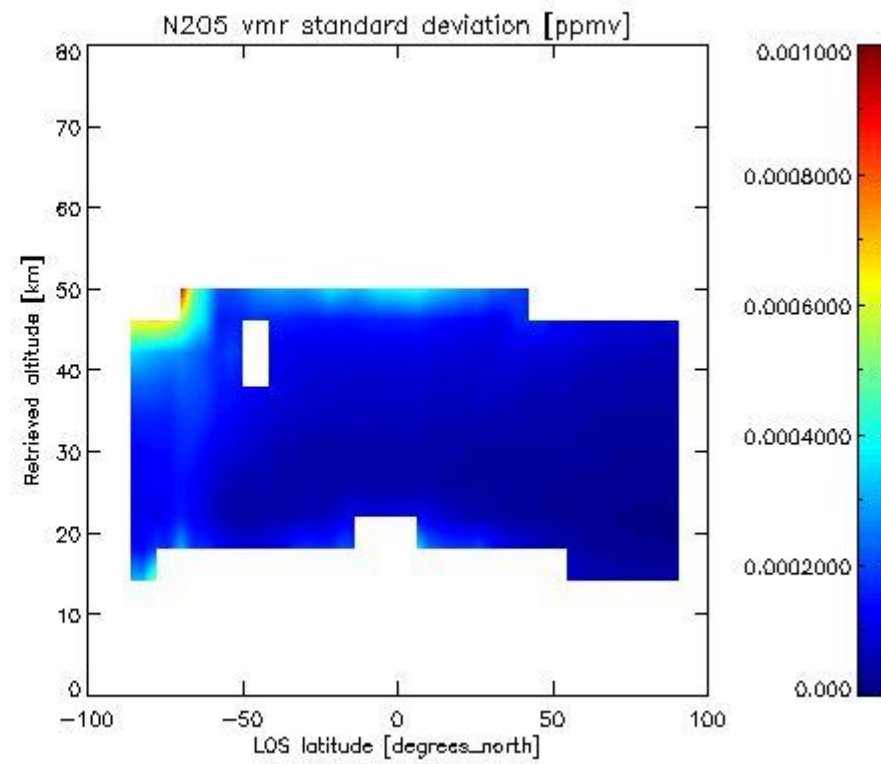
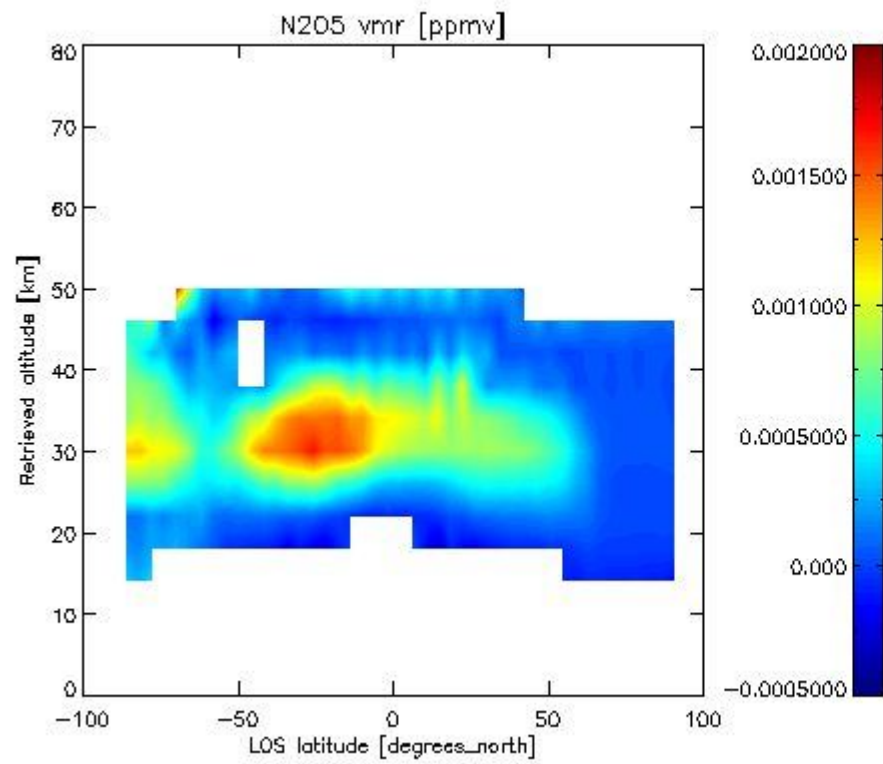
2.2.4.7 F11 overview This section shows values (left) and error (right) for F11 after binning individual sweep values over retrieved altitude and tangent latitude.



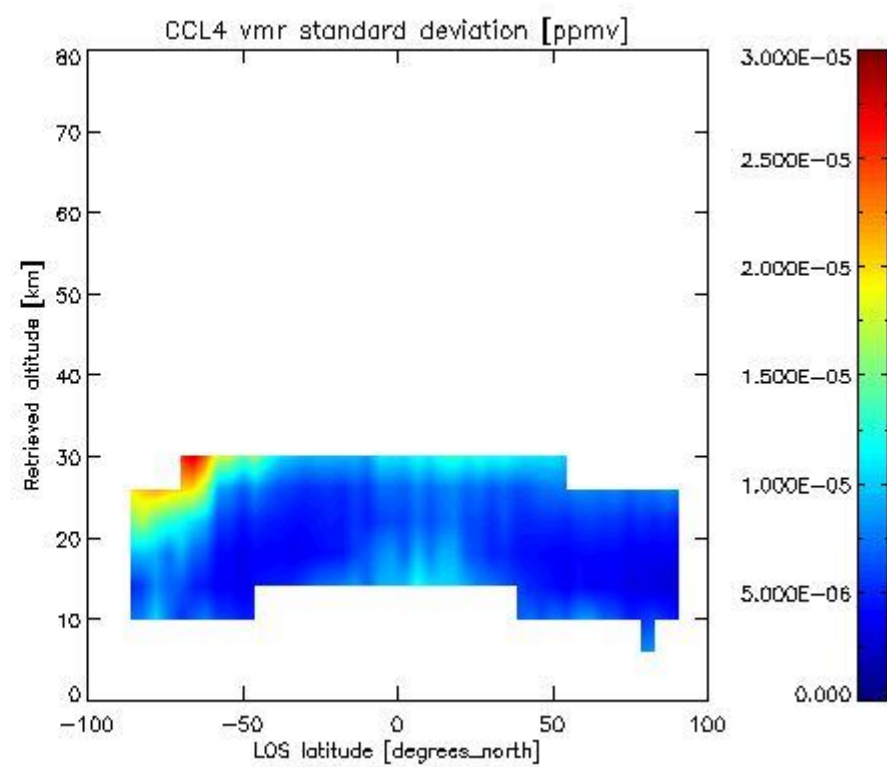
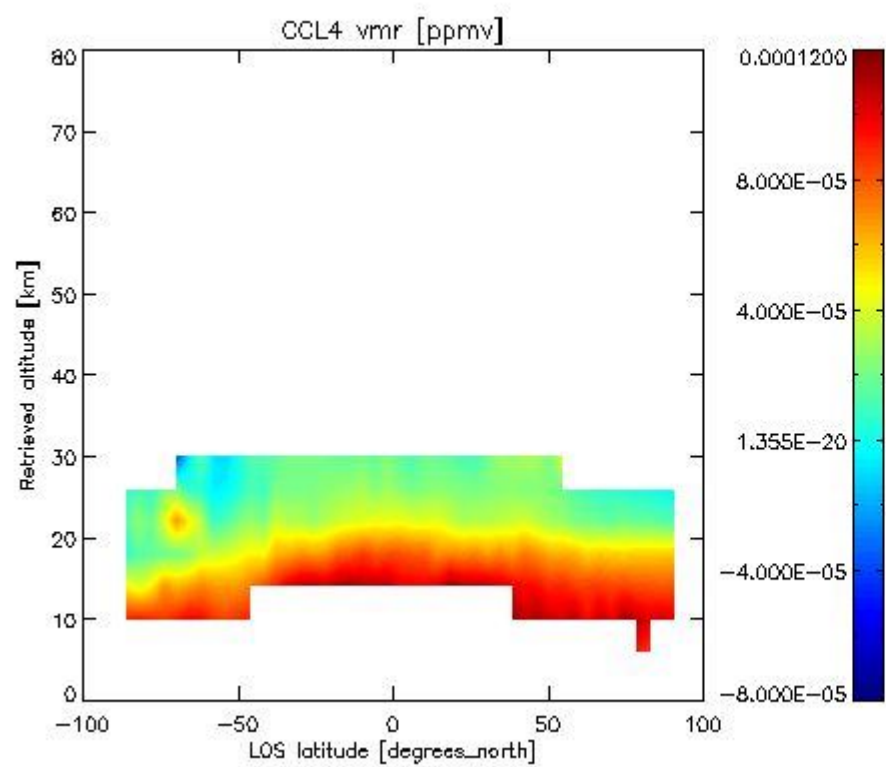
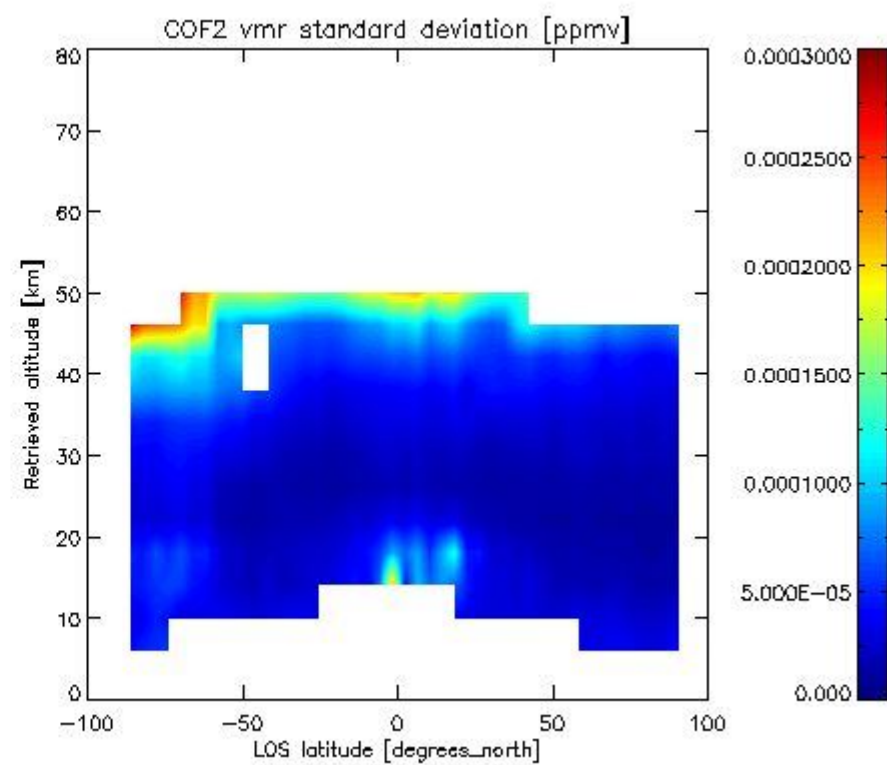
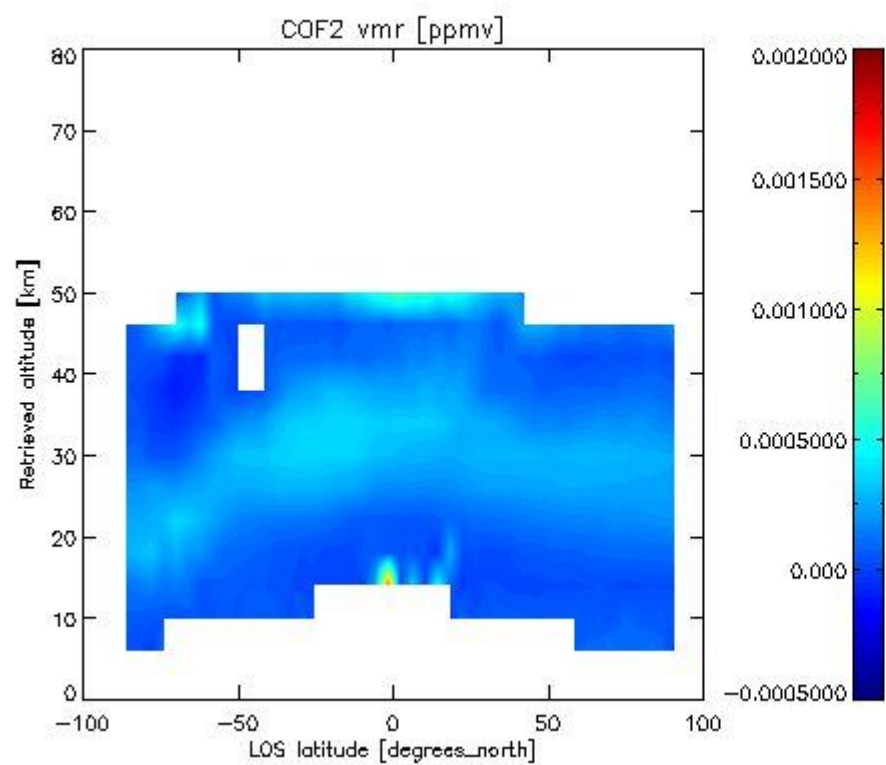


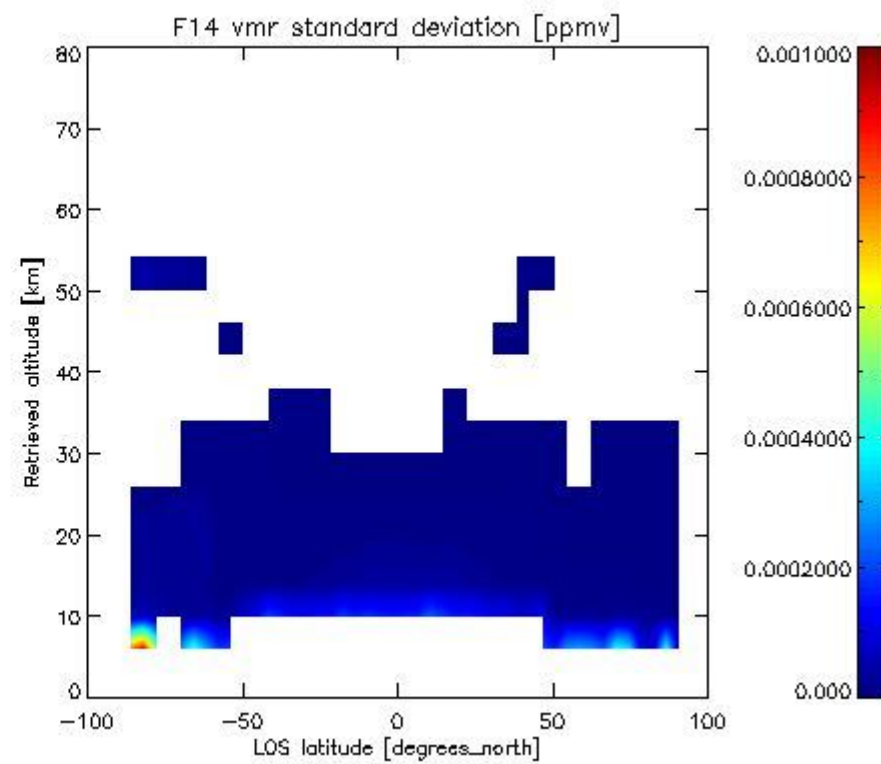
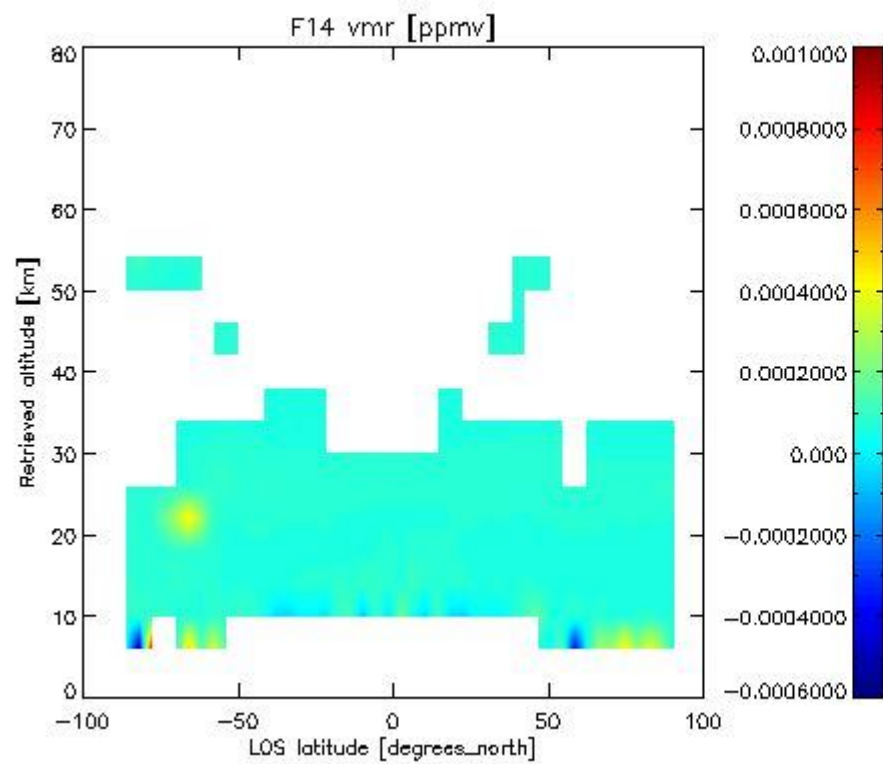
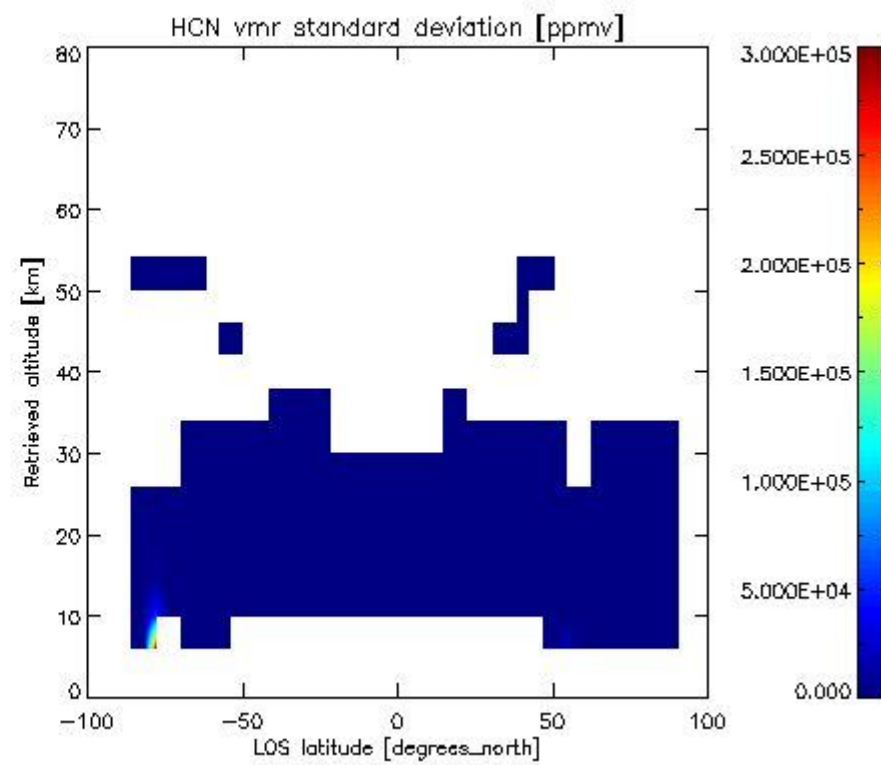
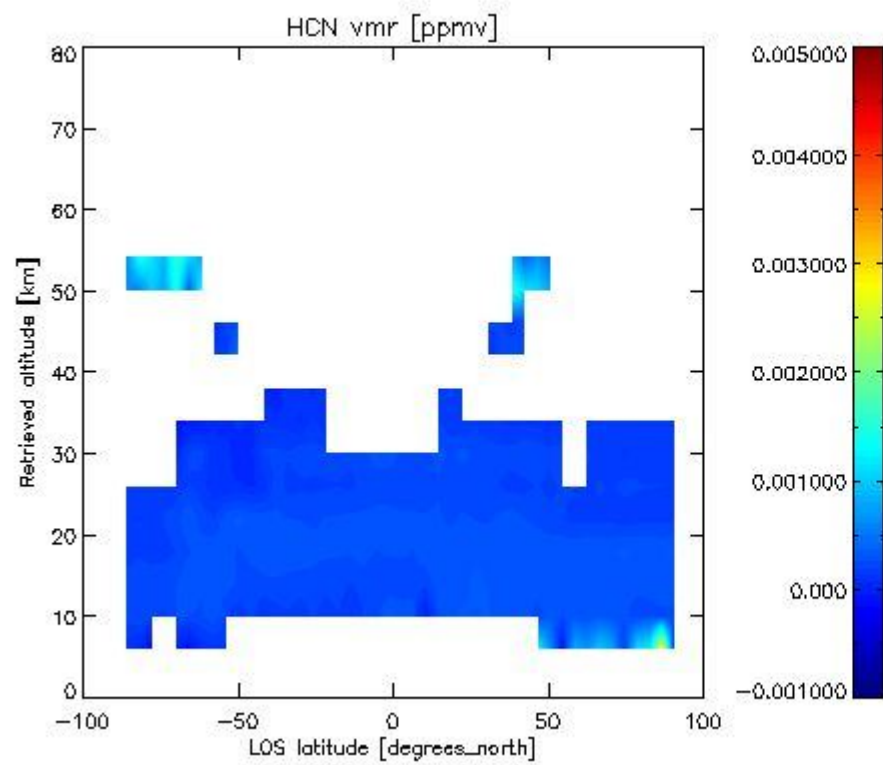
2.3.4.4 CLNO vmr: This section shows values (left) and error (right) for CLNO after binning individual vmr values over retrieved altitude and target latitude.

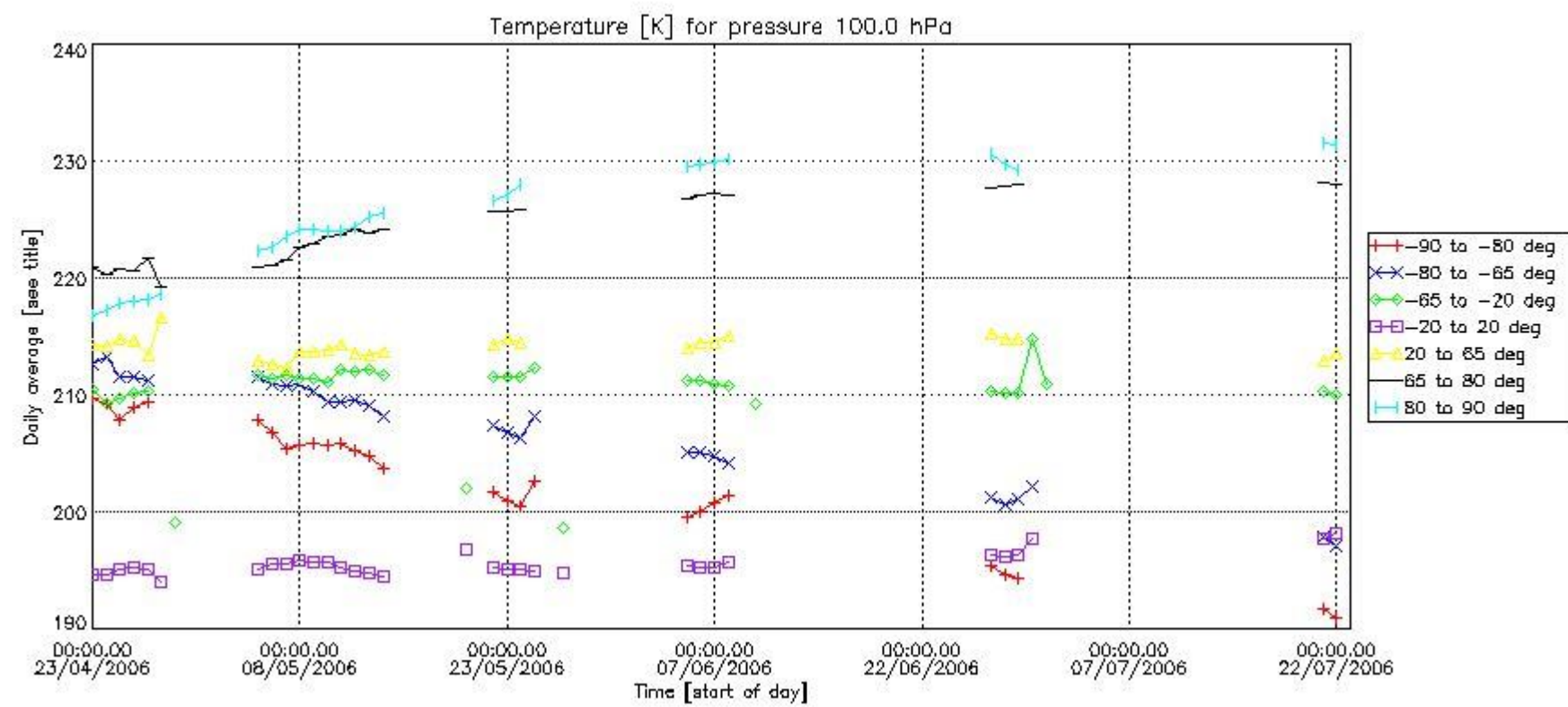
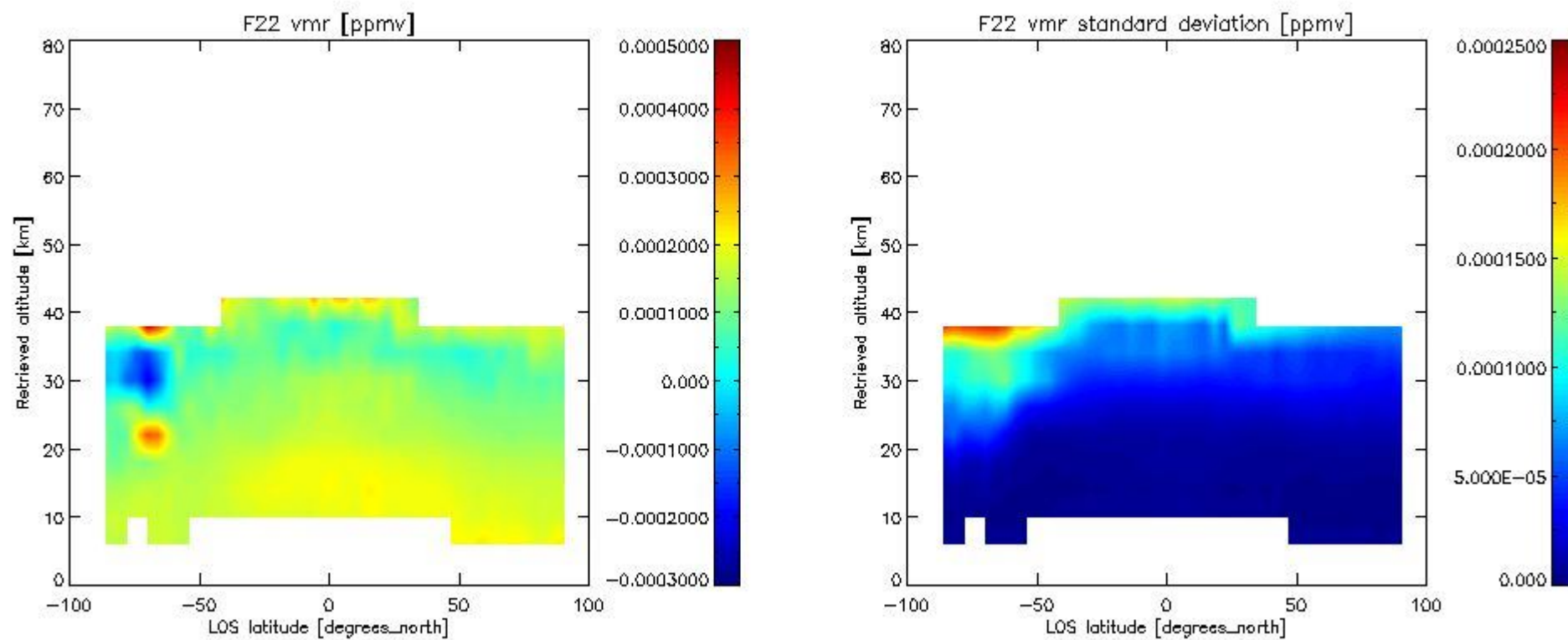




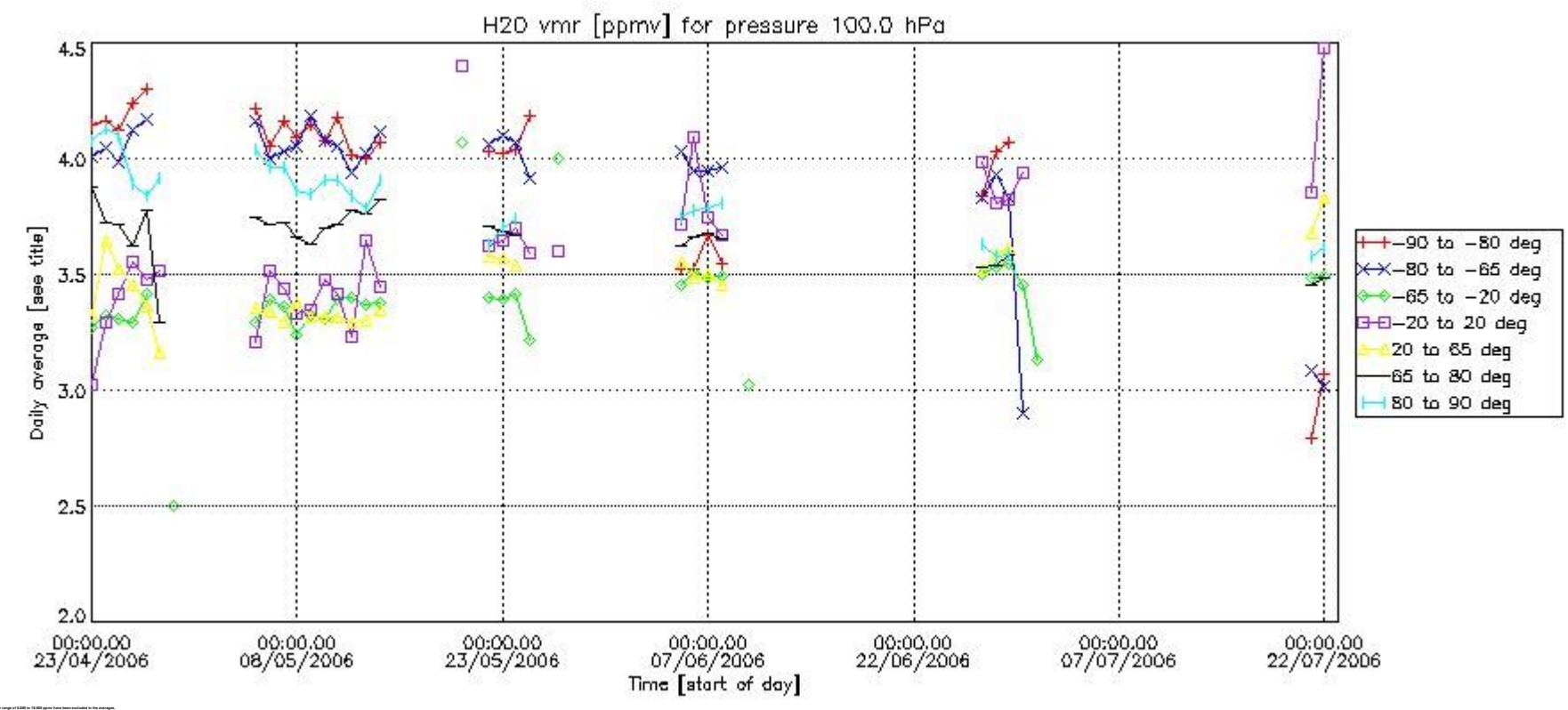
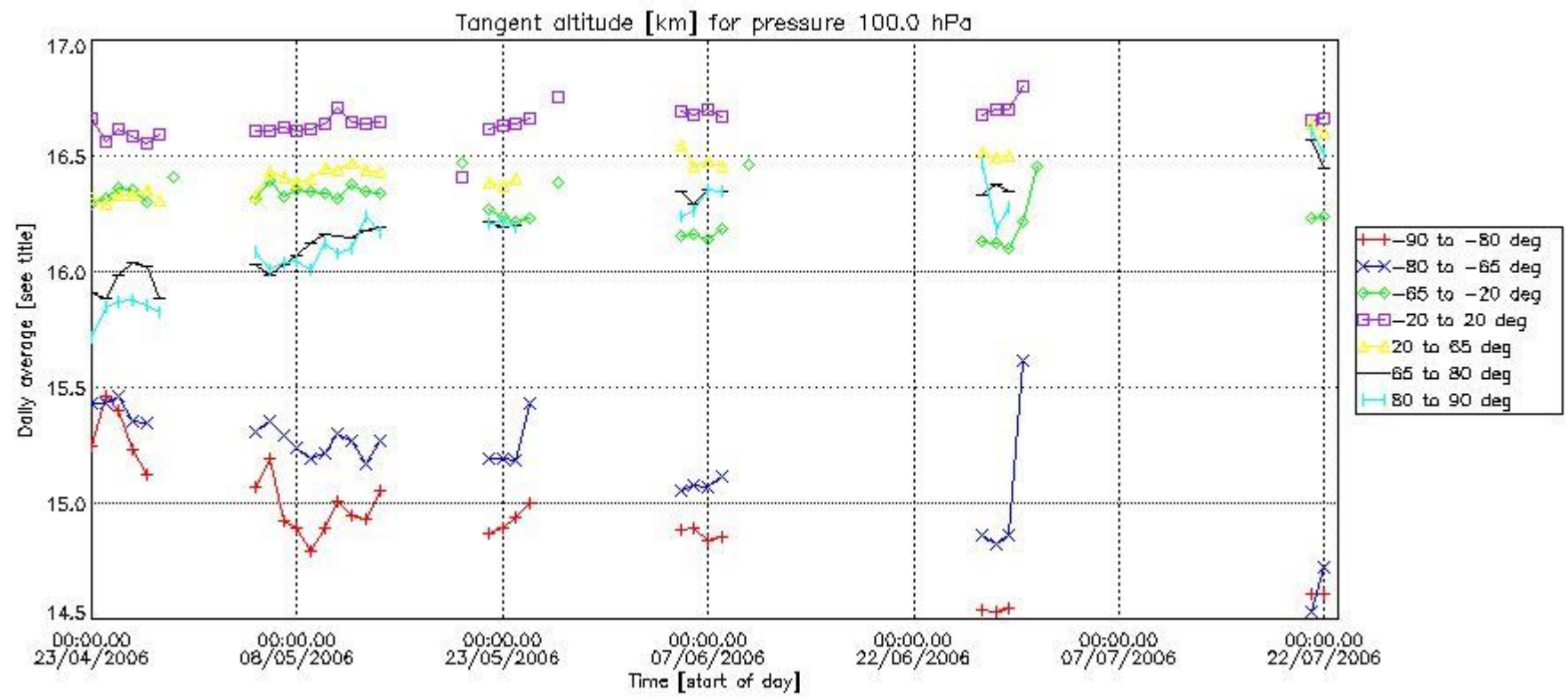


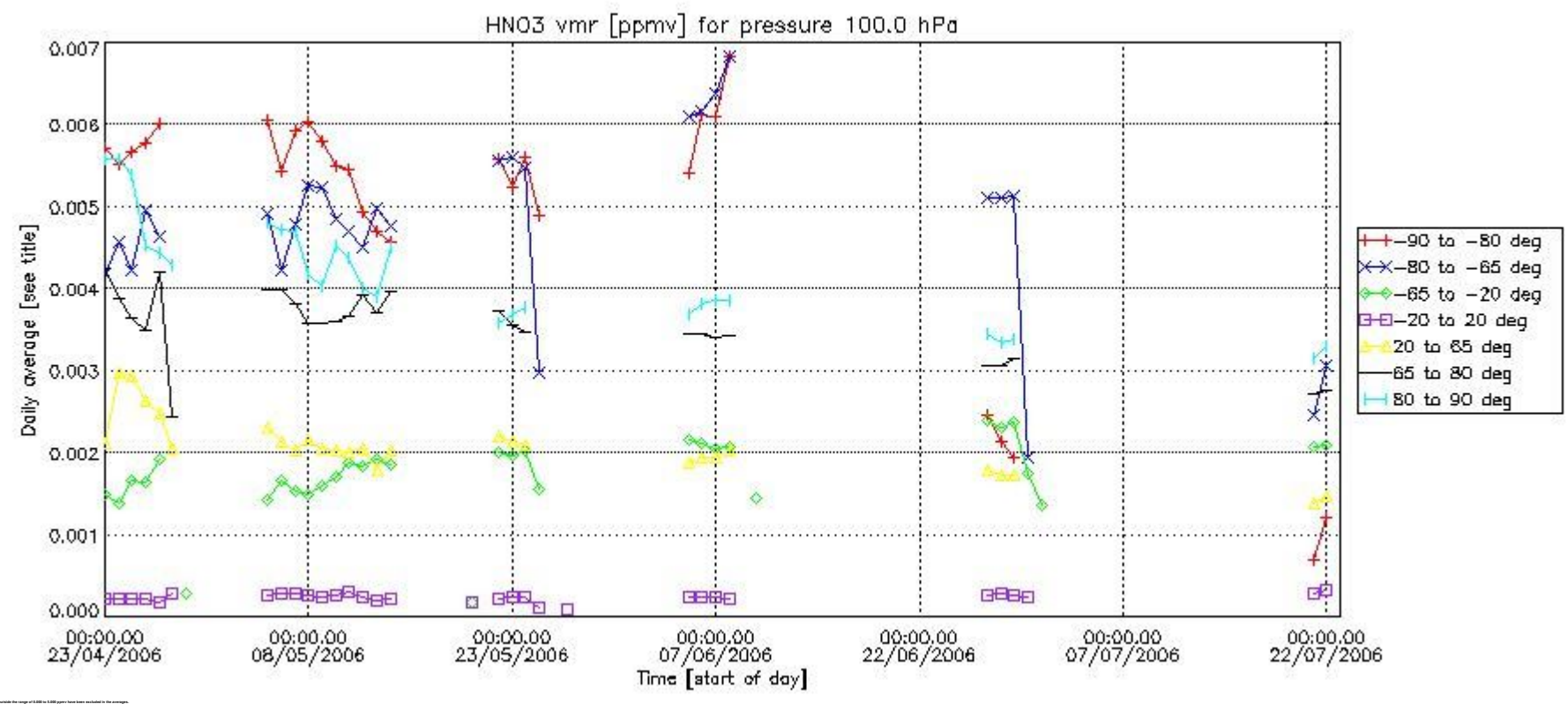
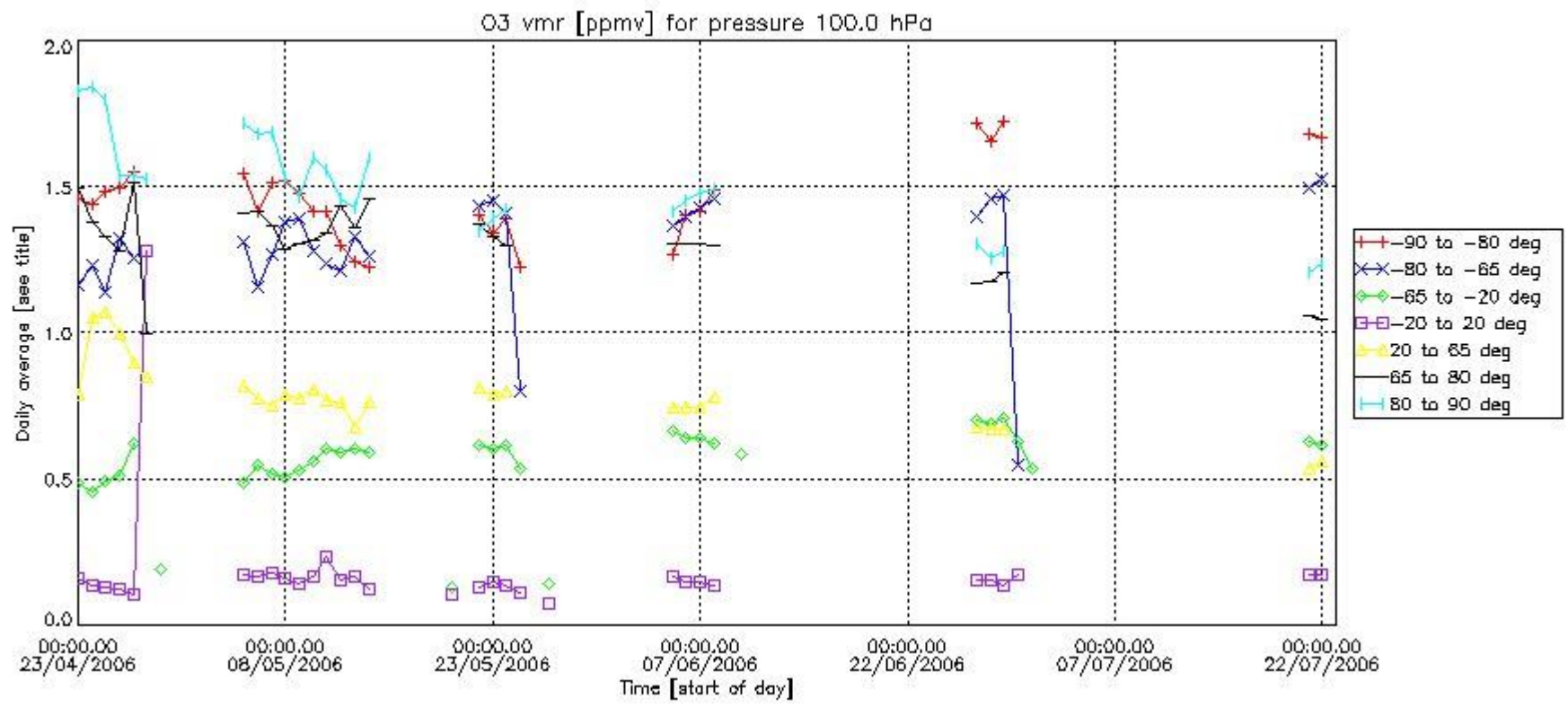


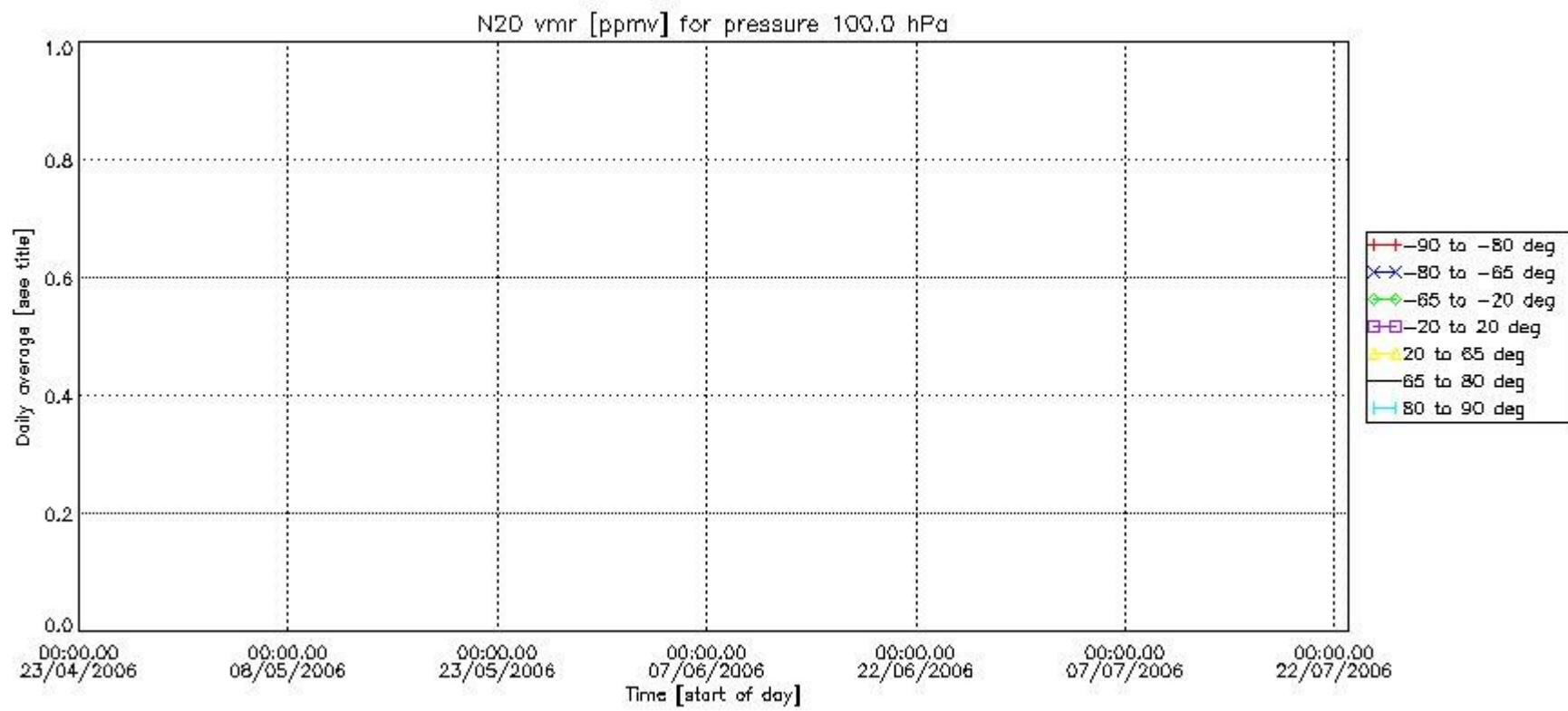
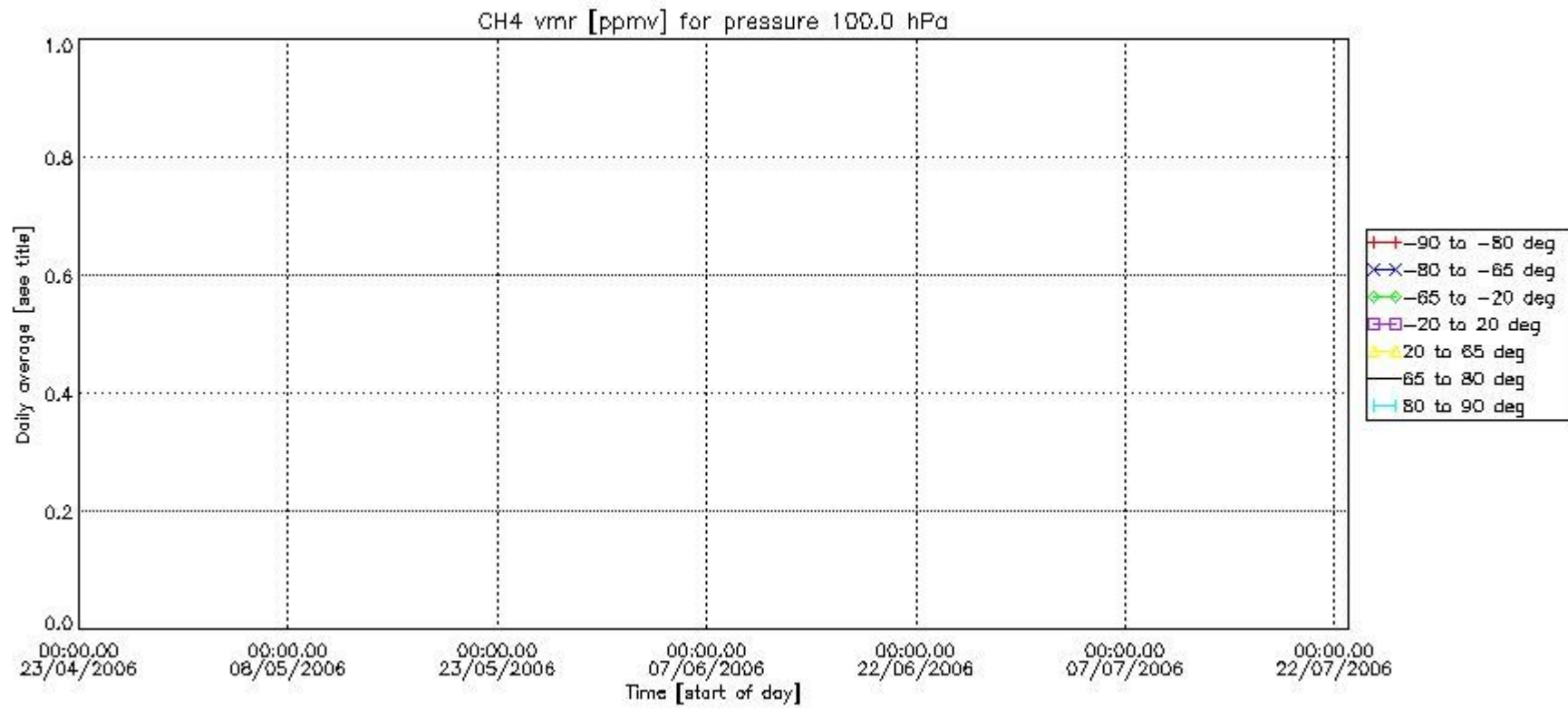




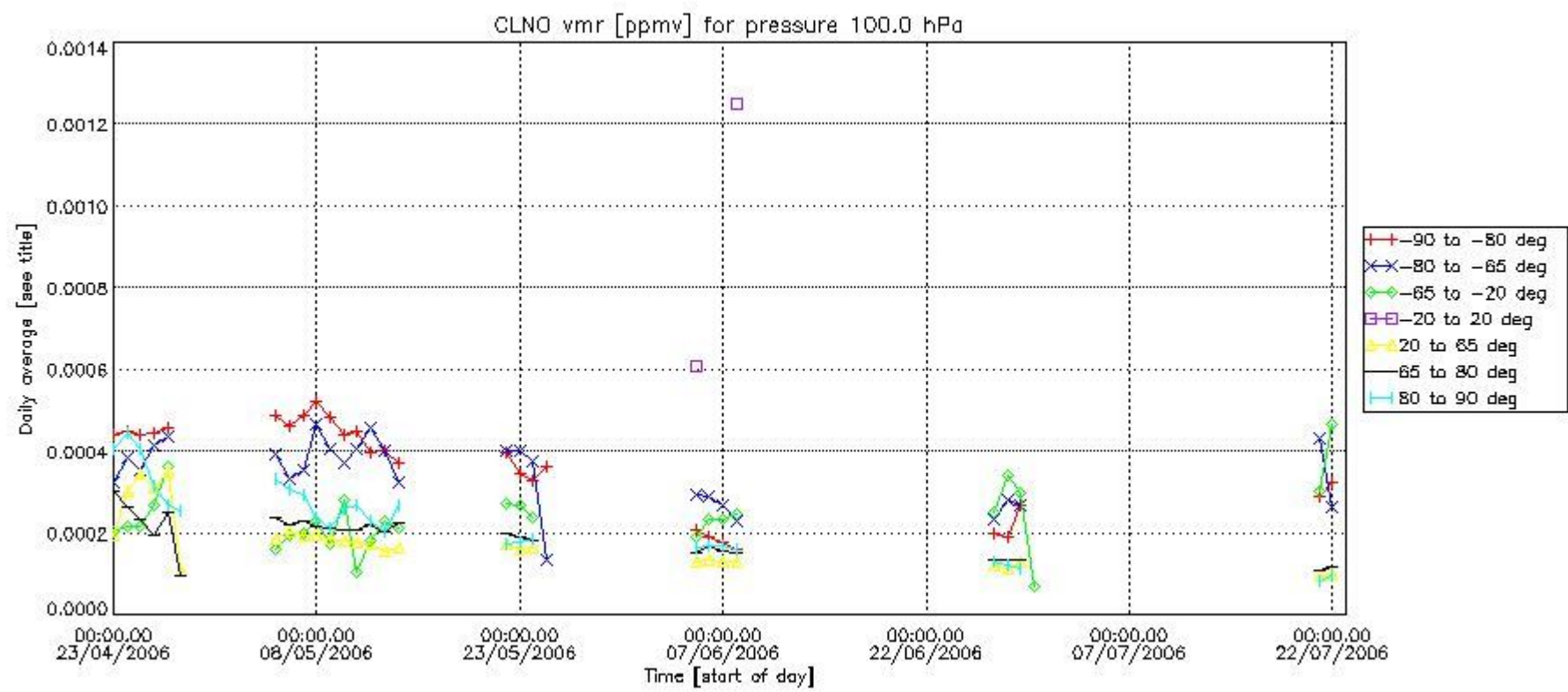
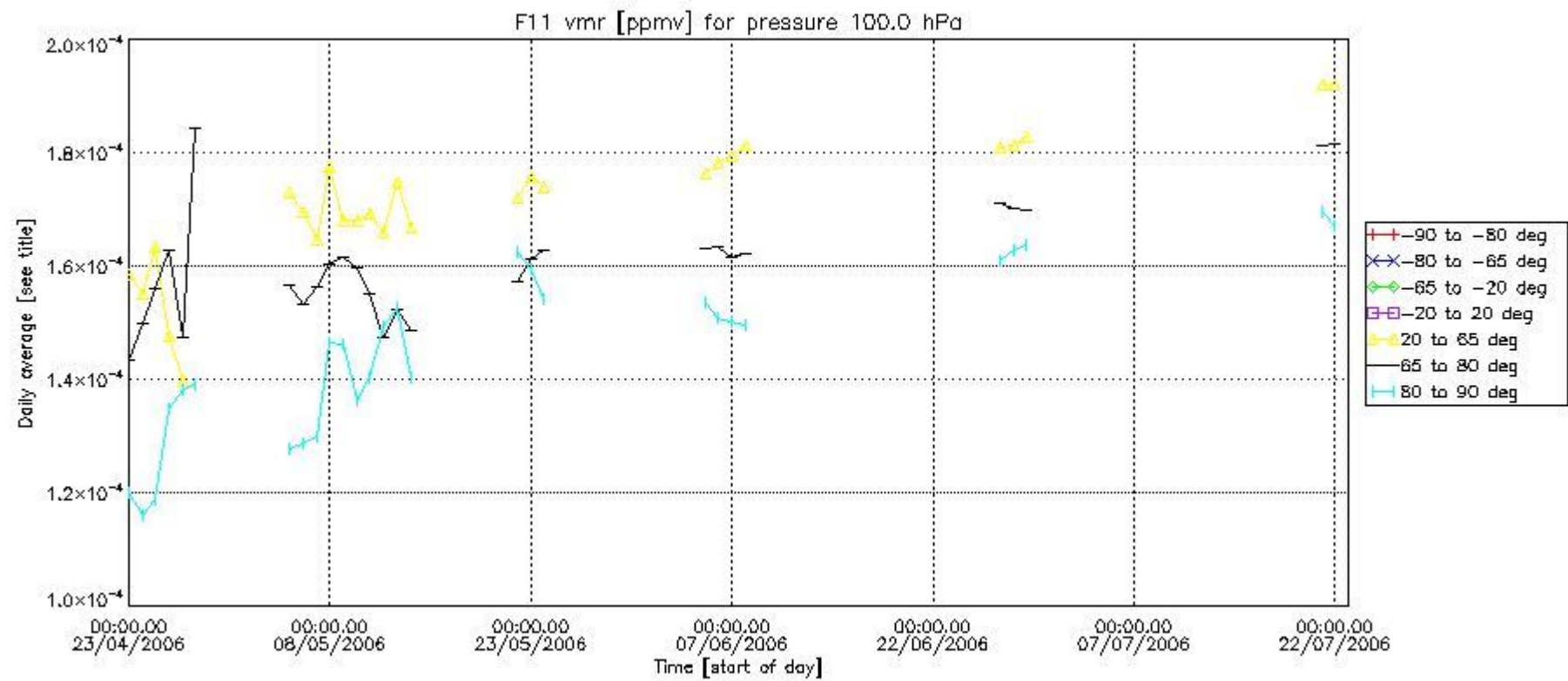


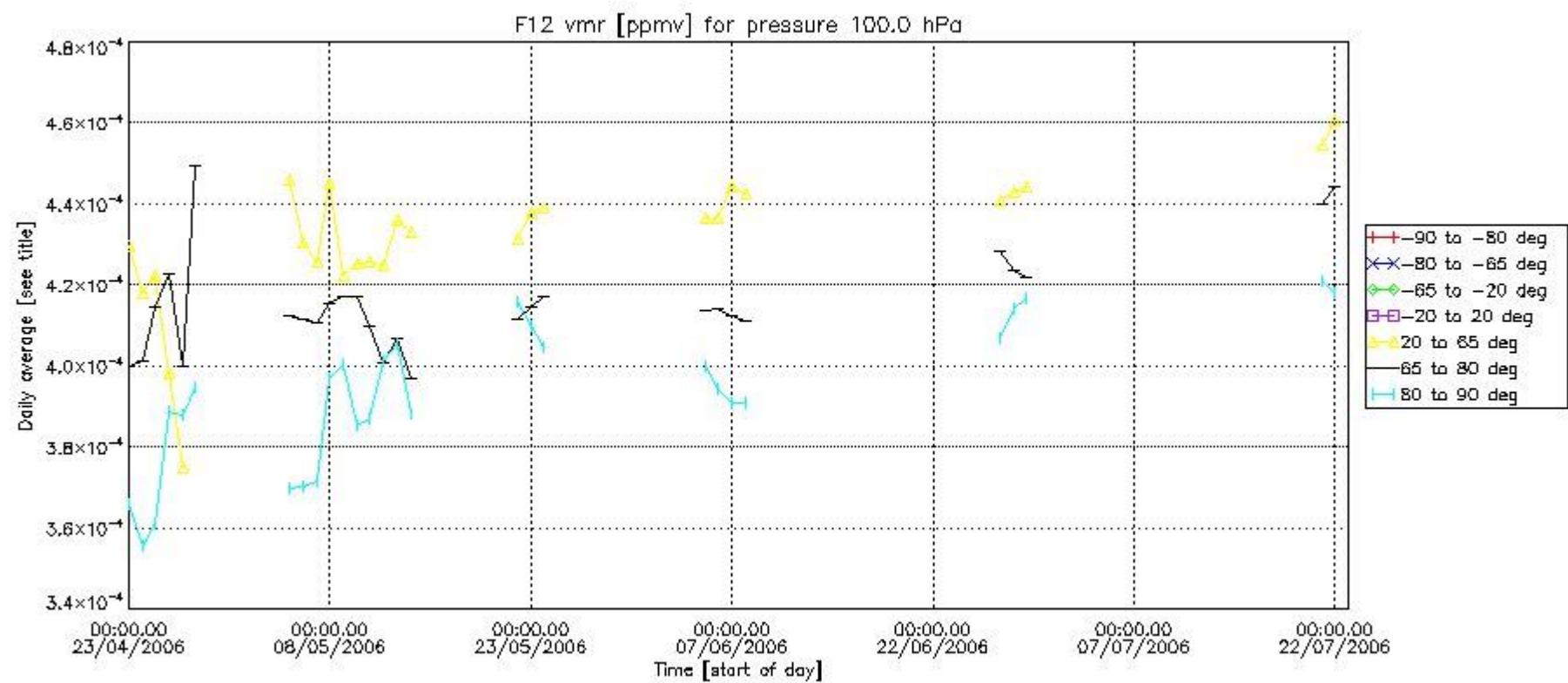
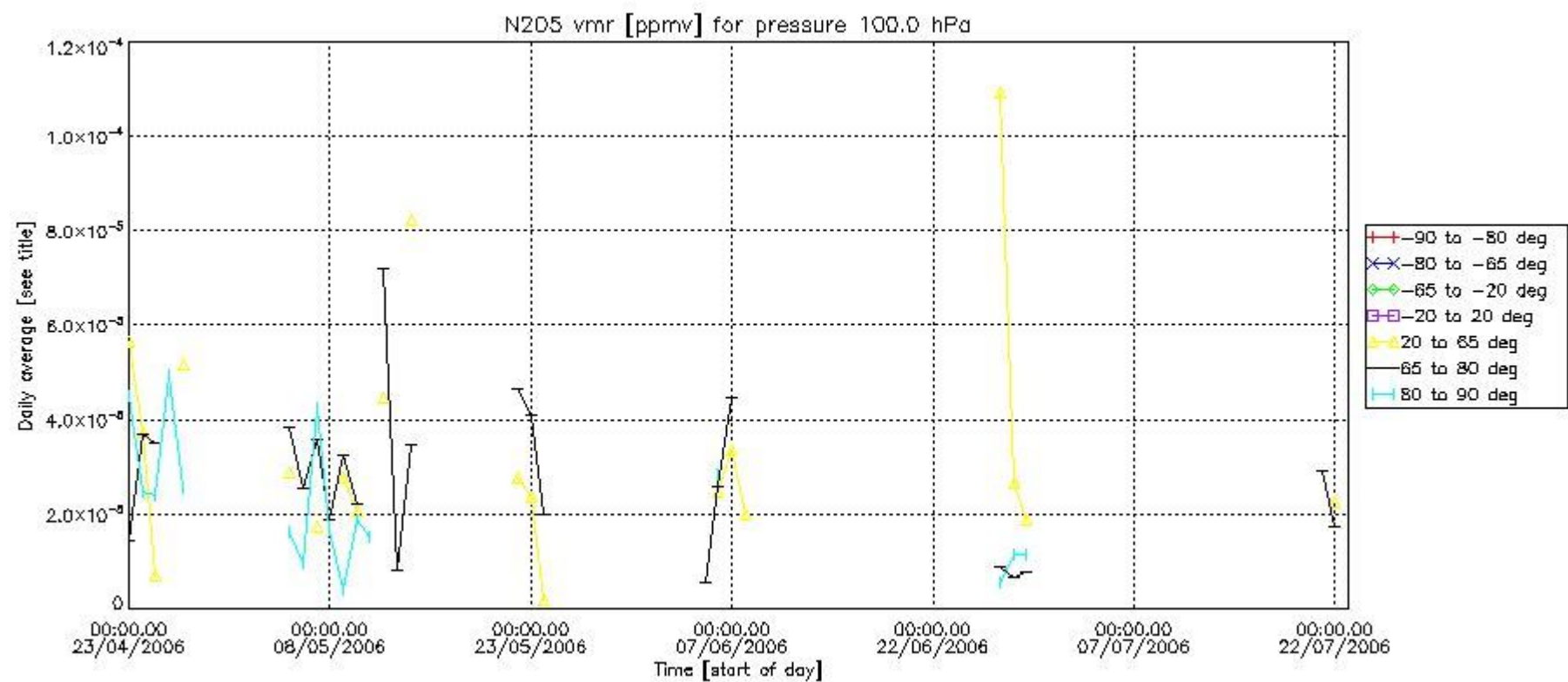


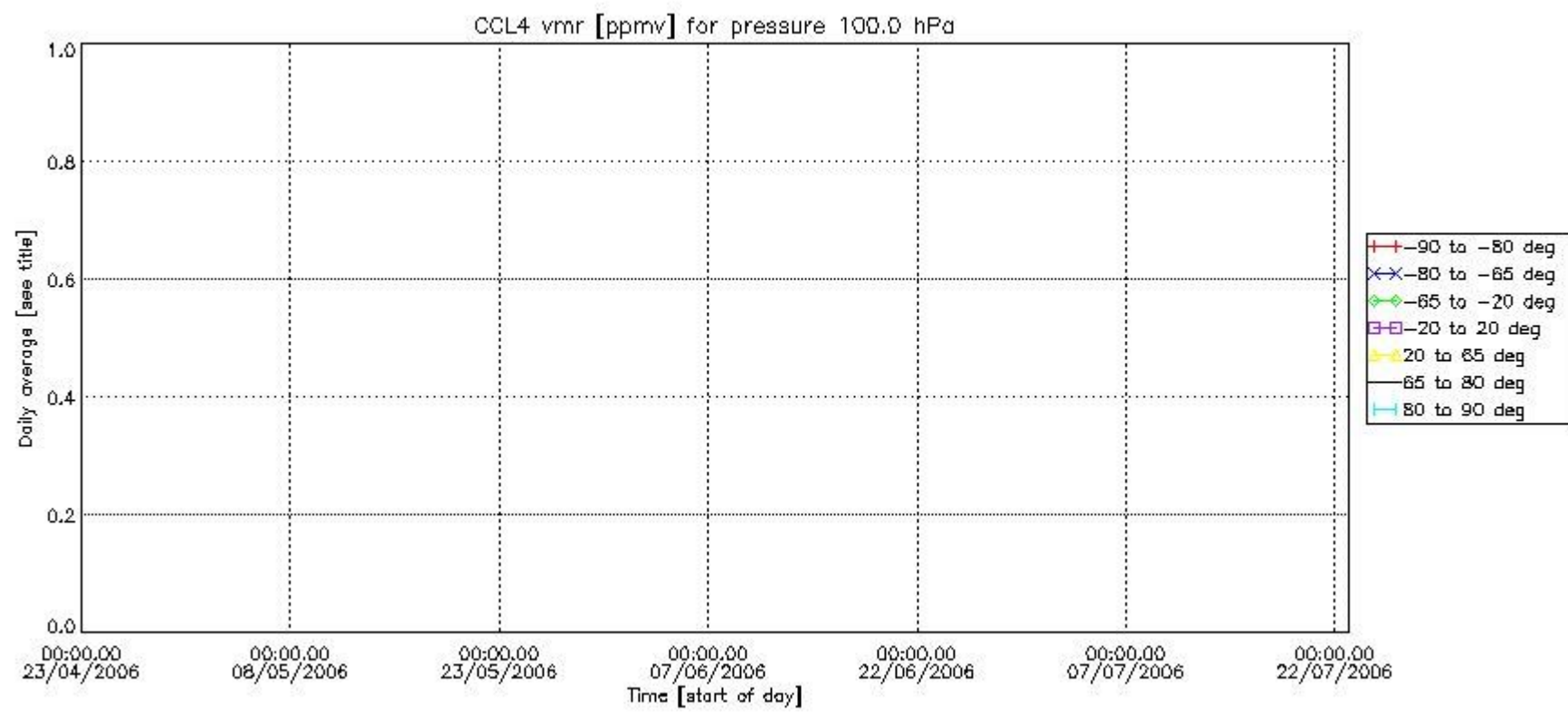
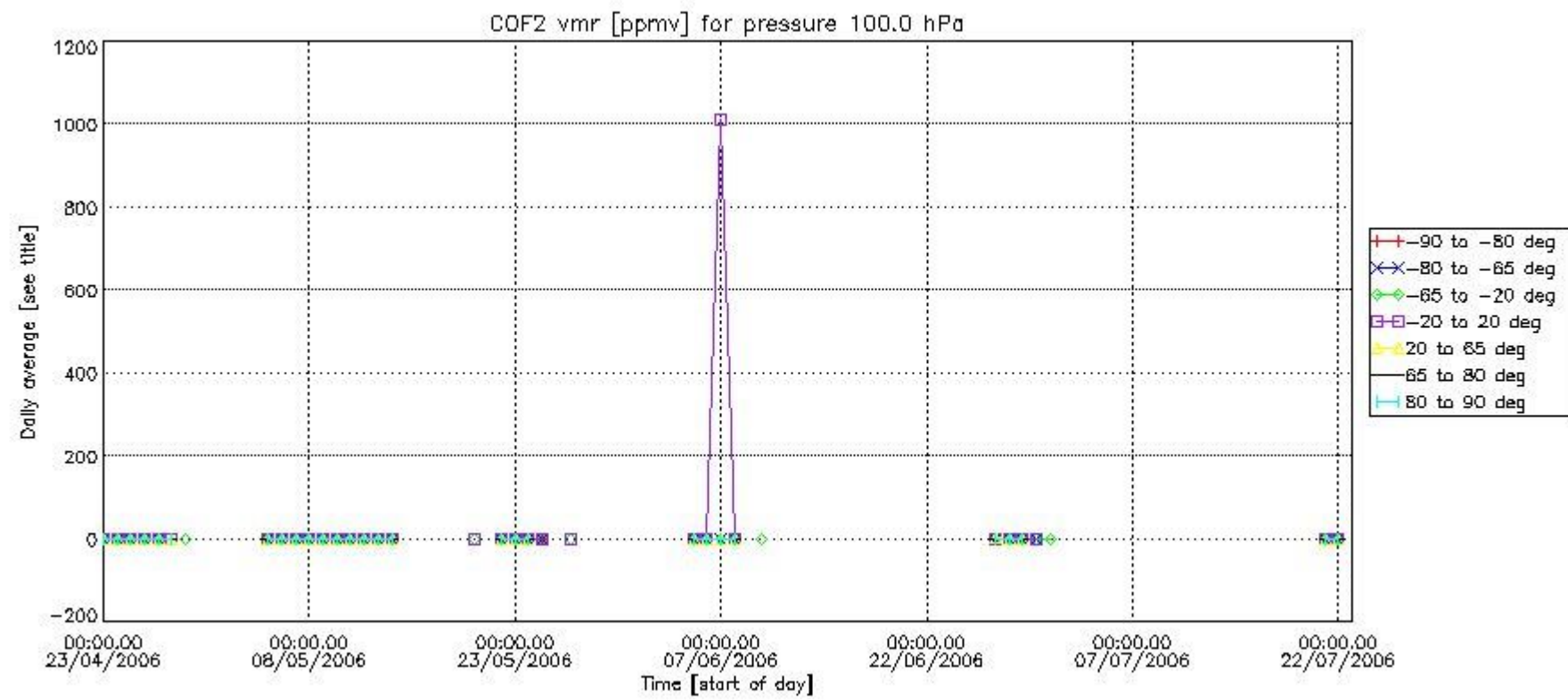




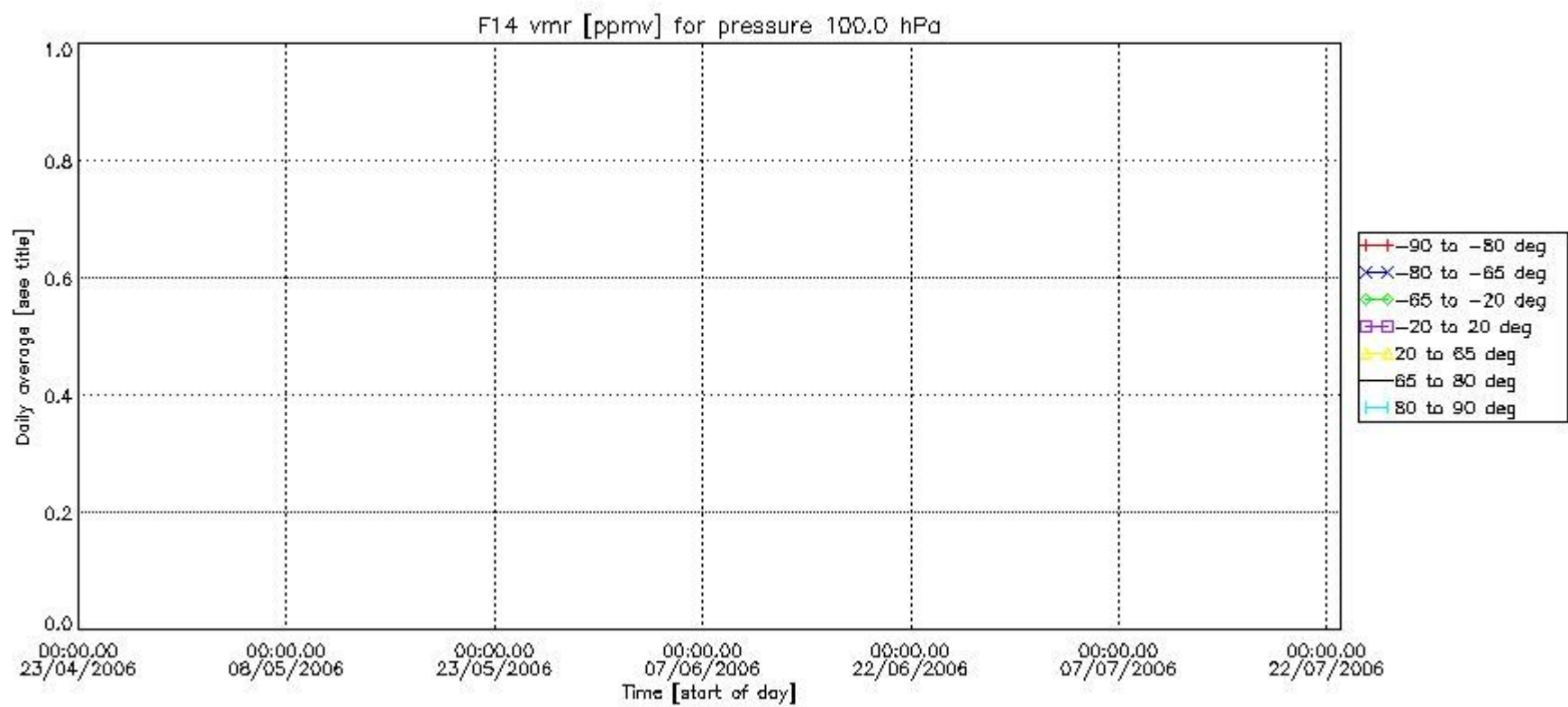
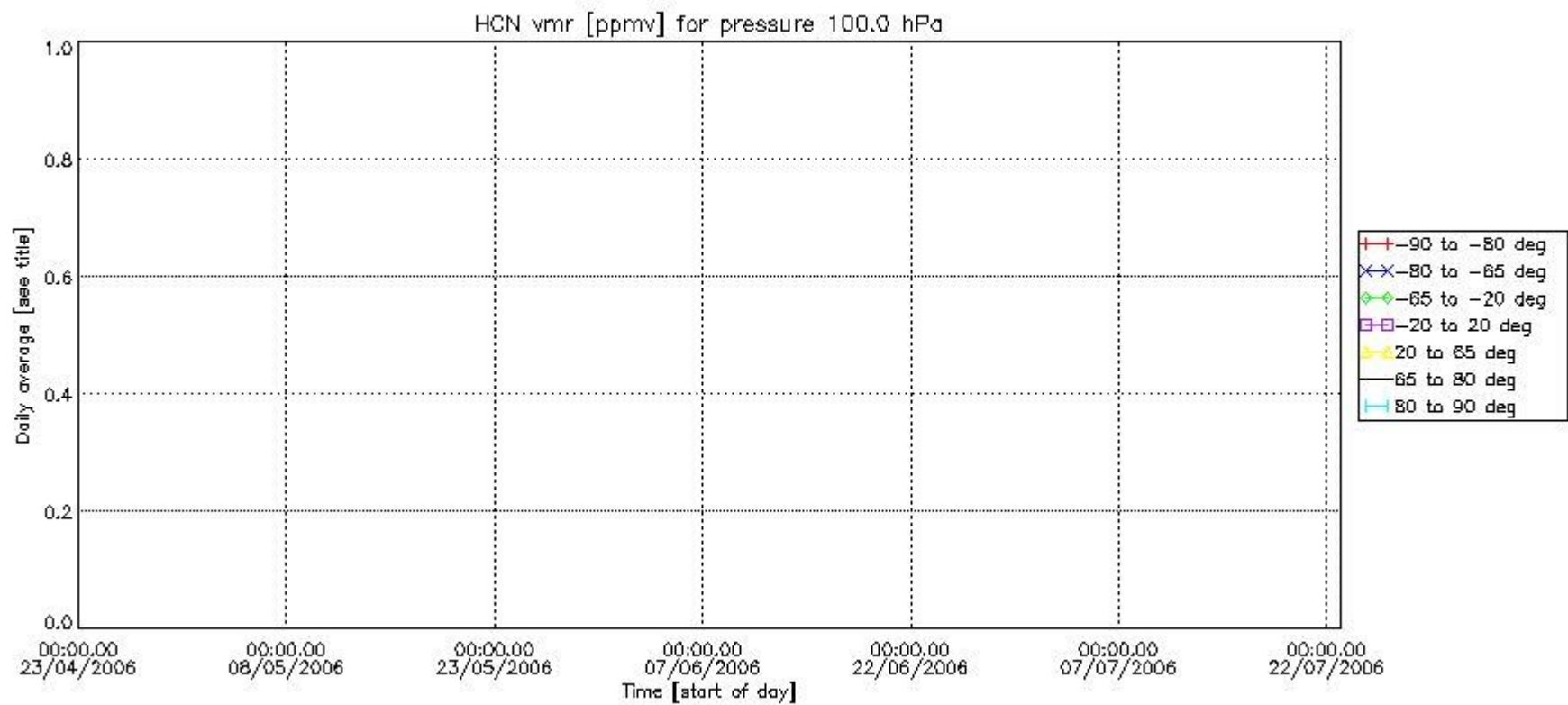


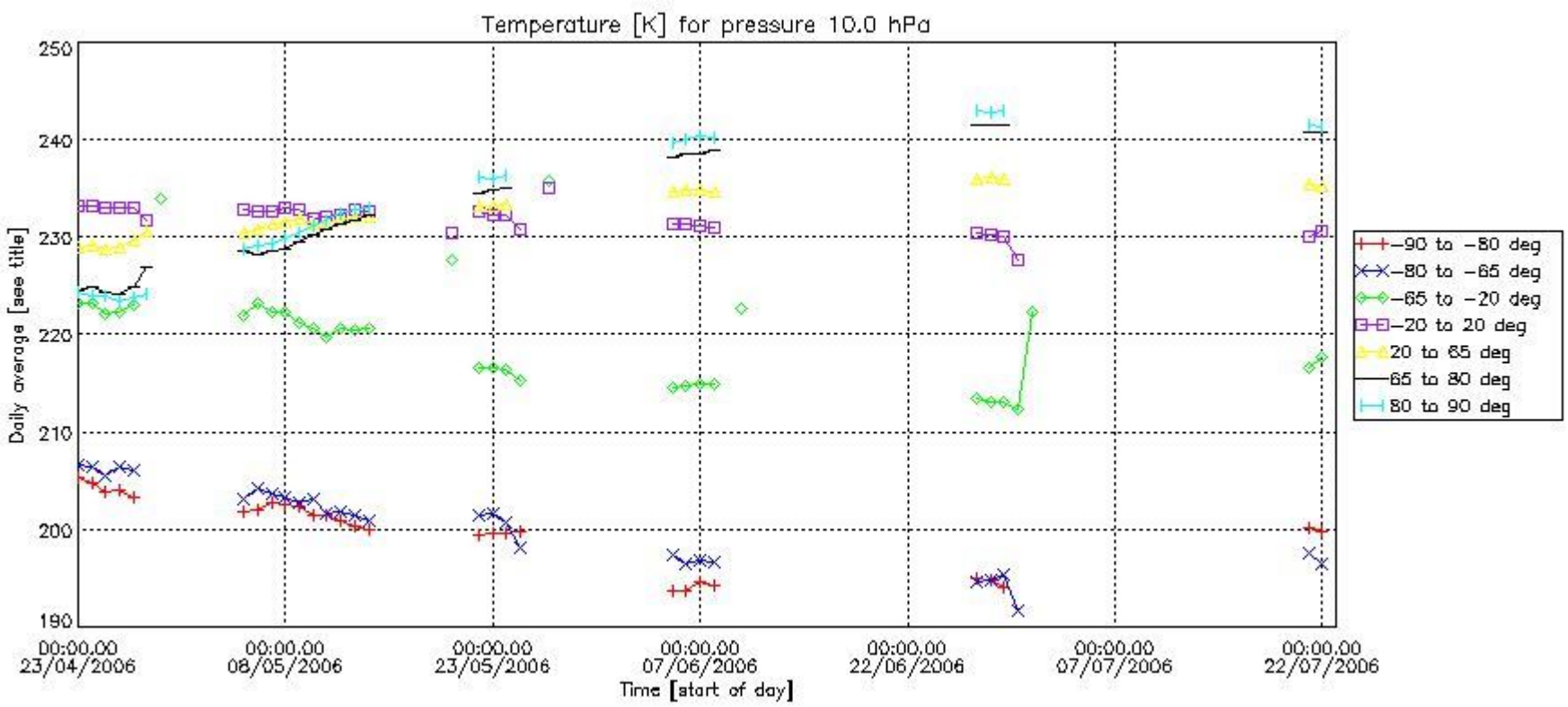
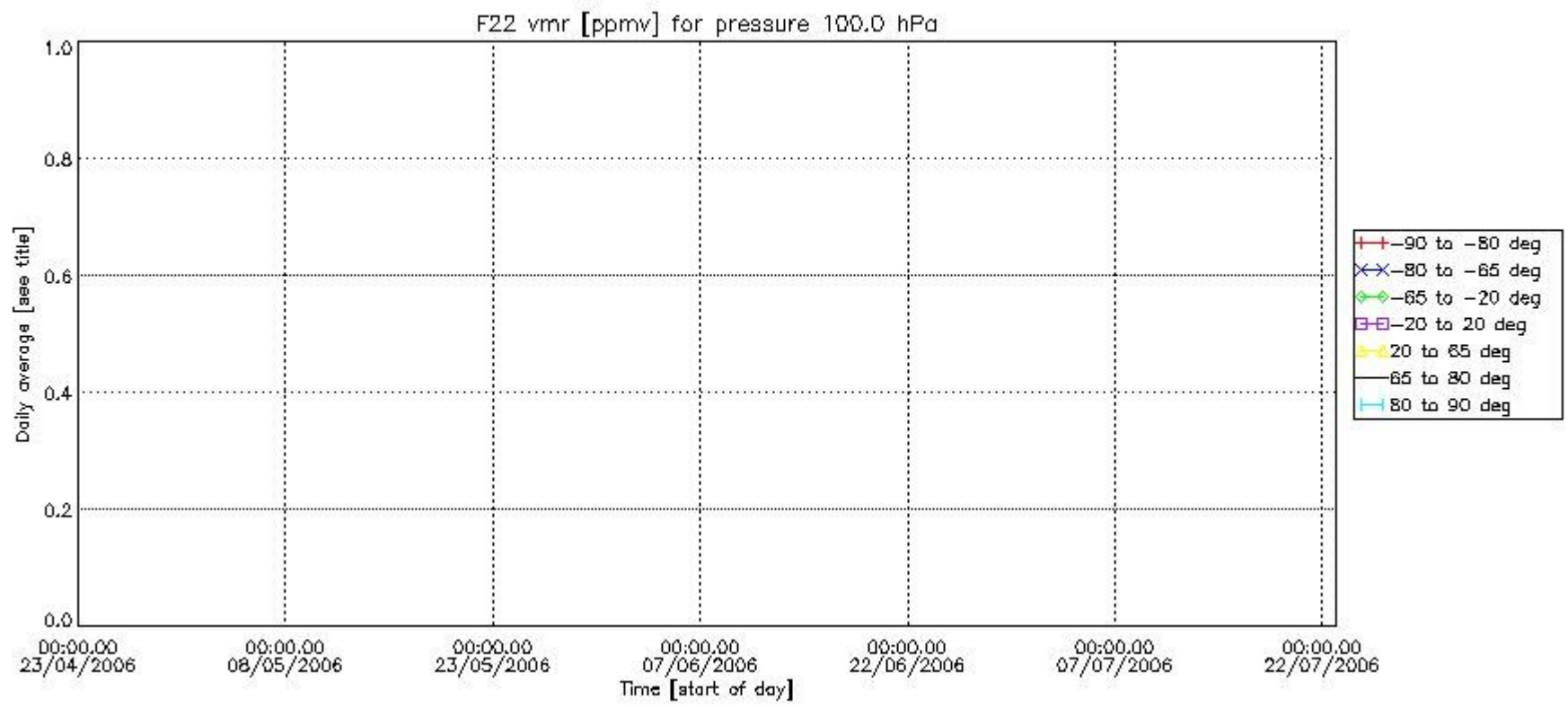


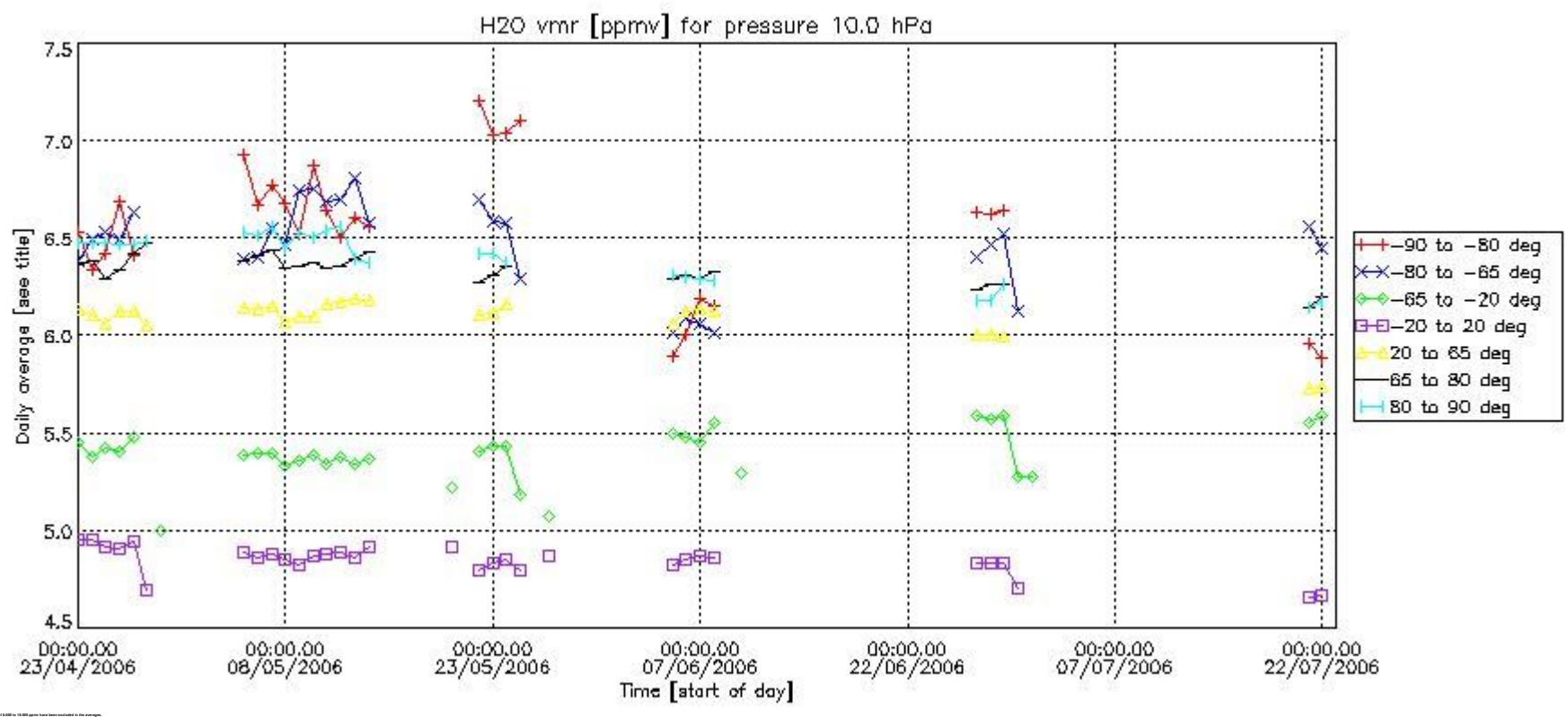
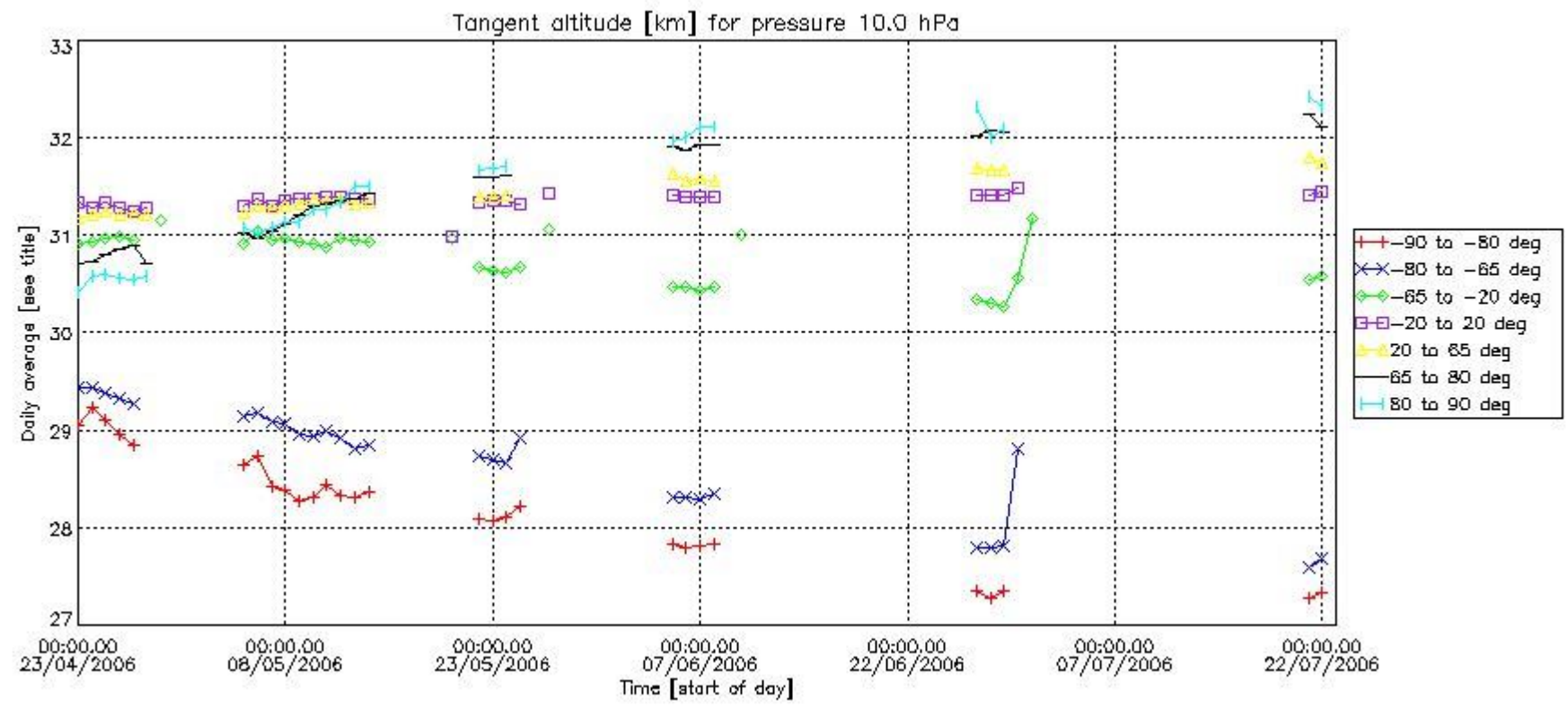




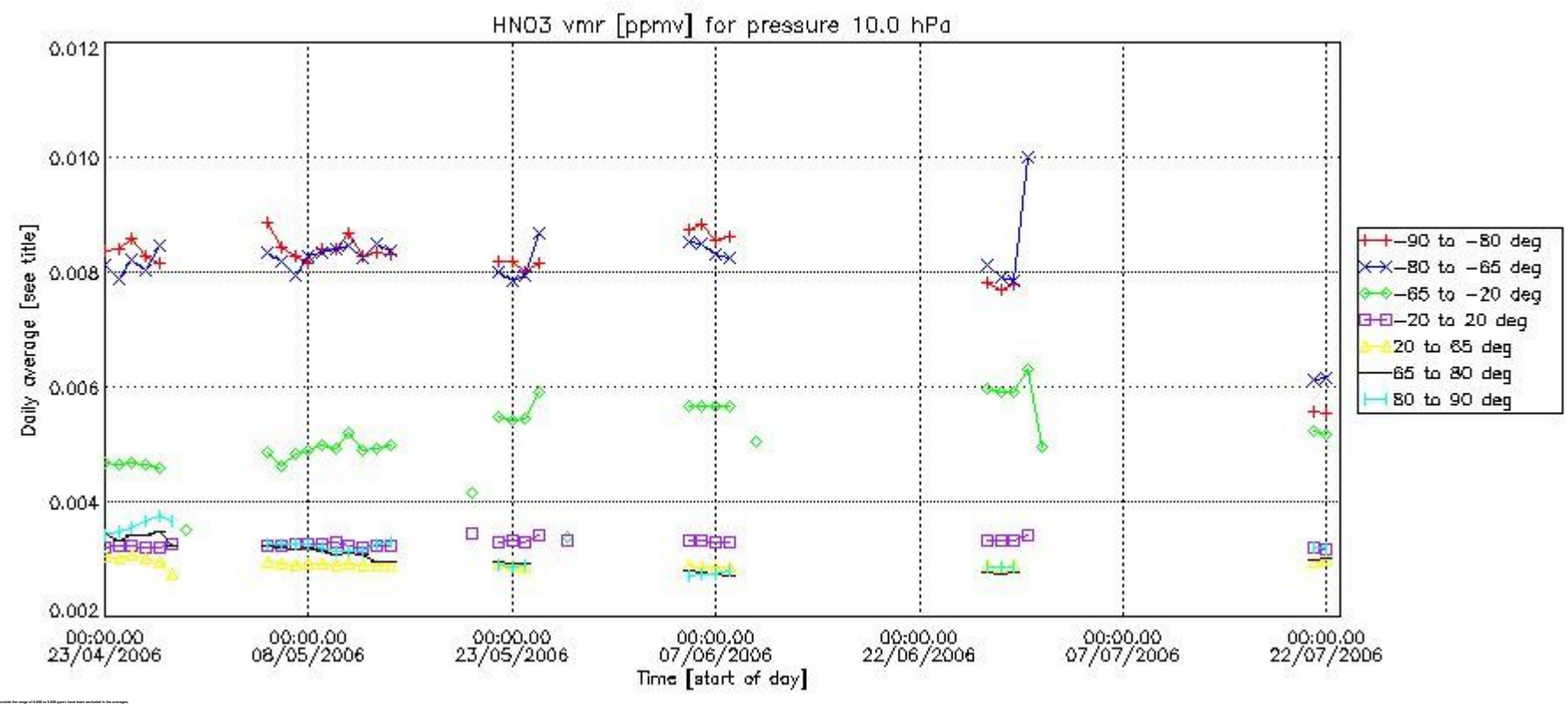
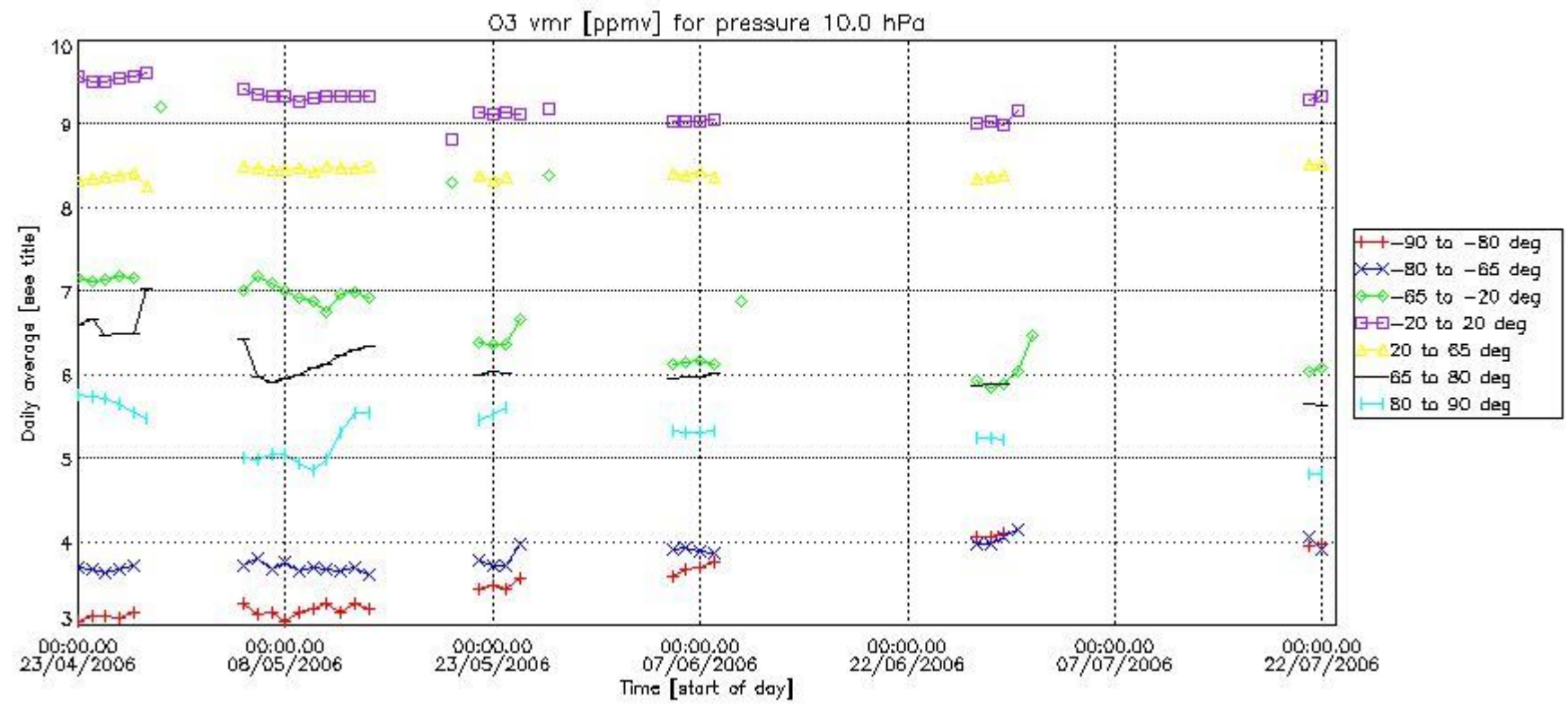


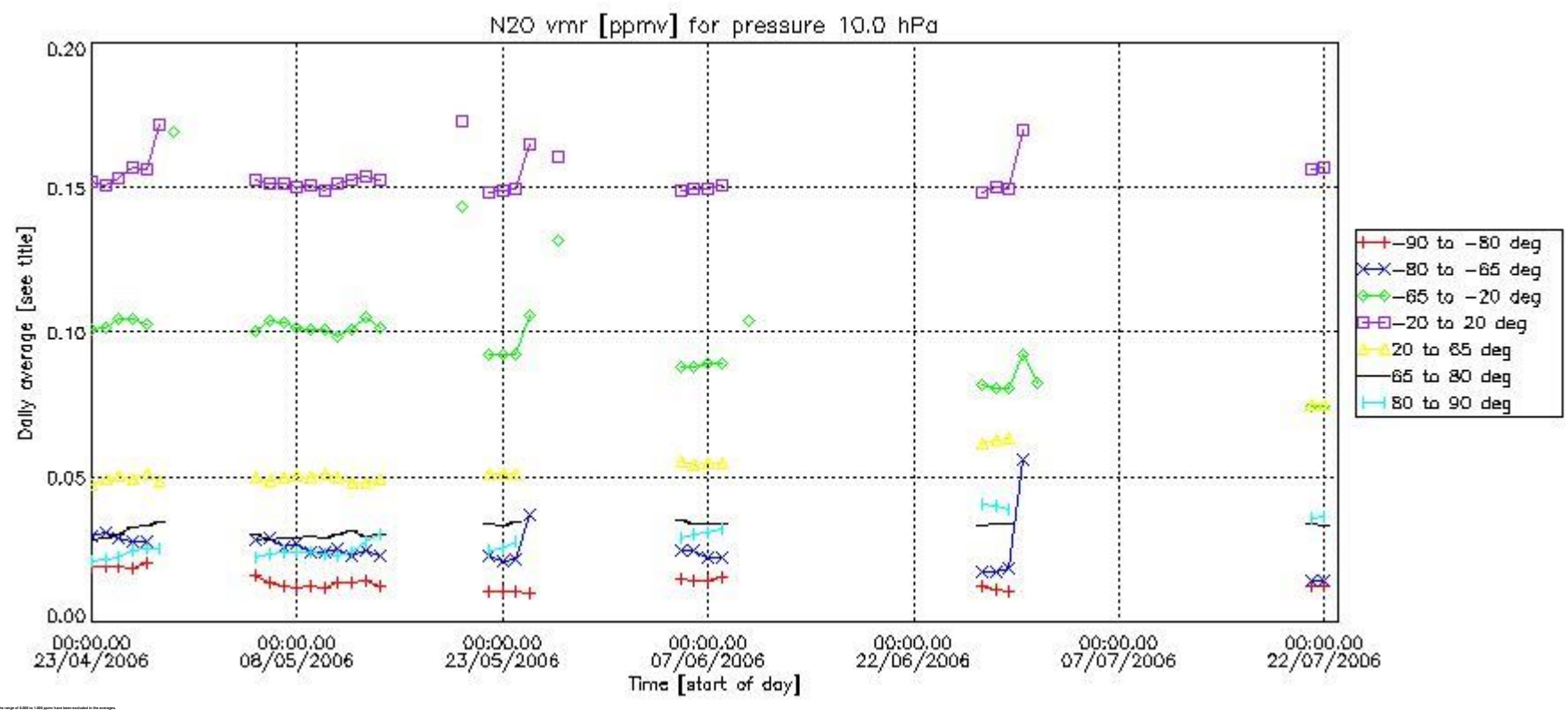
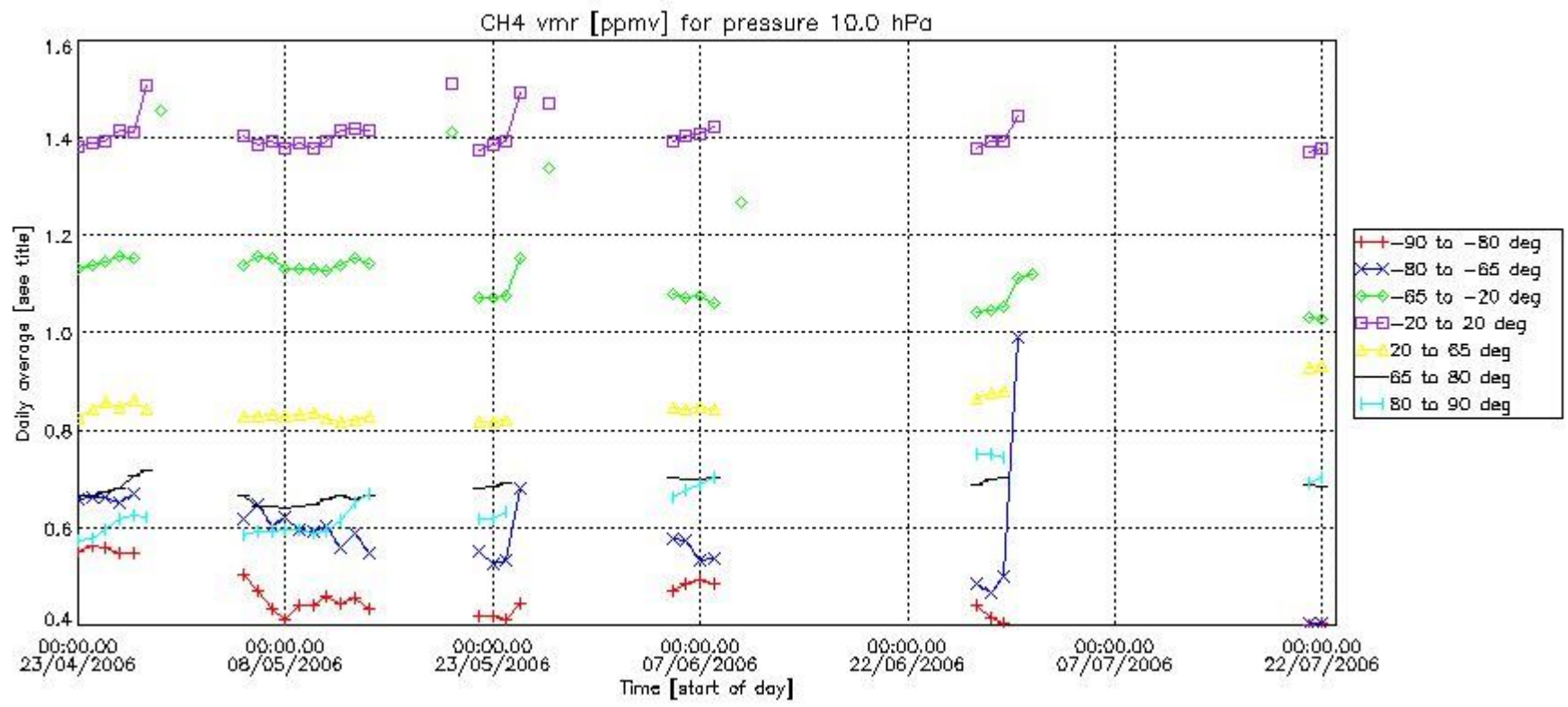


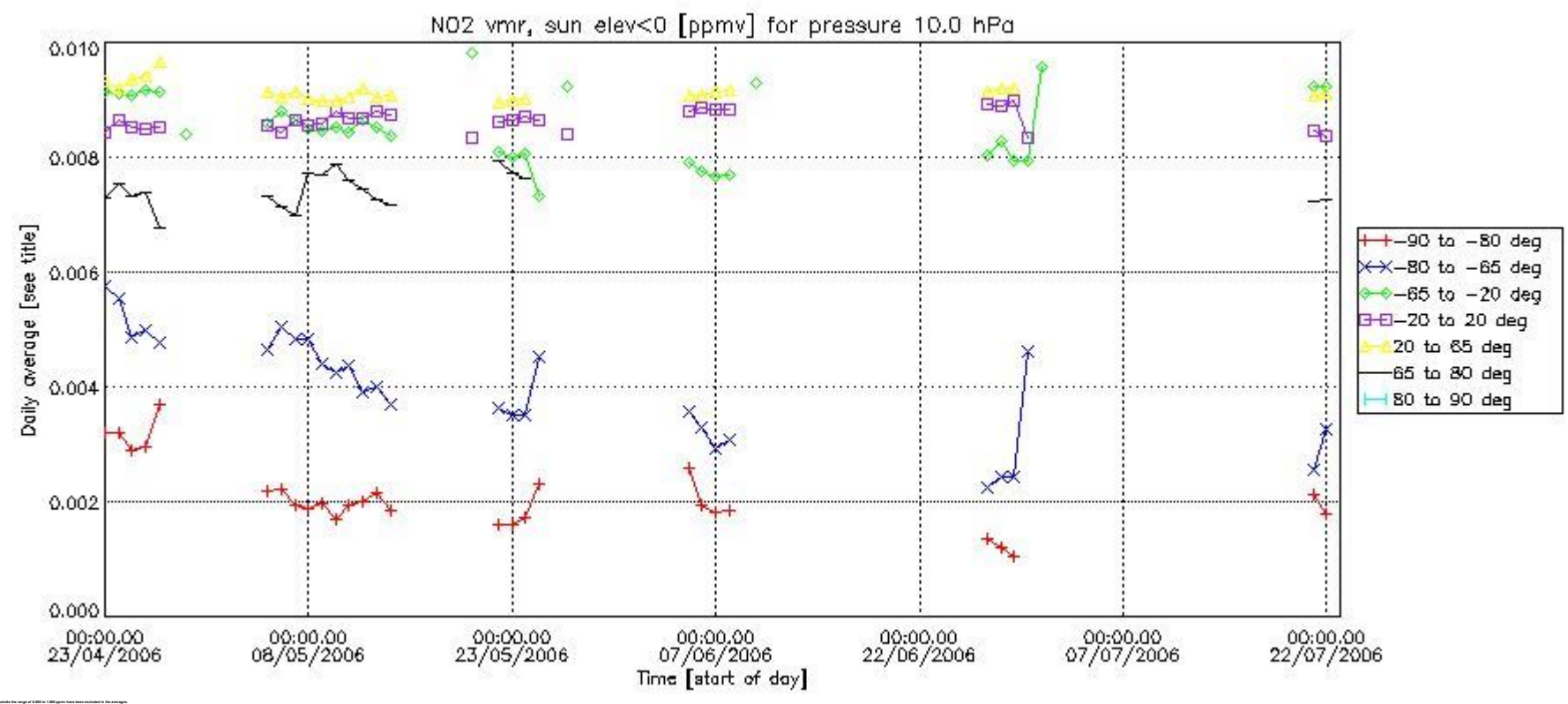
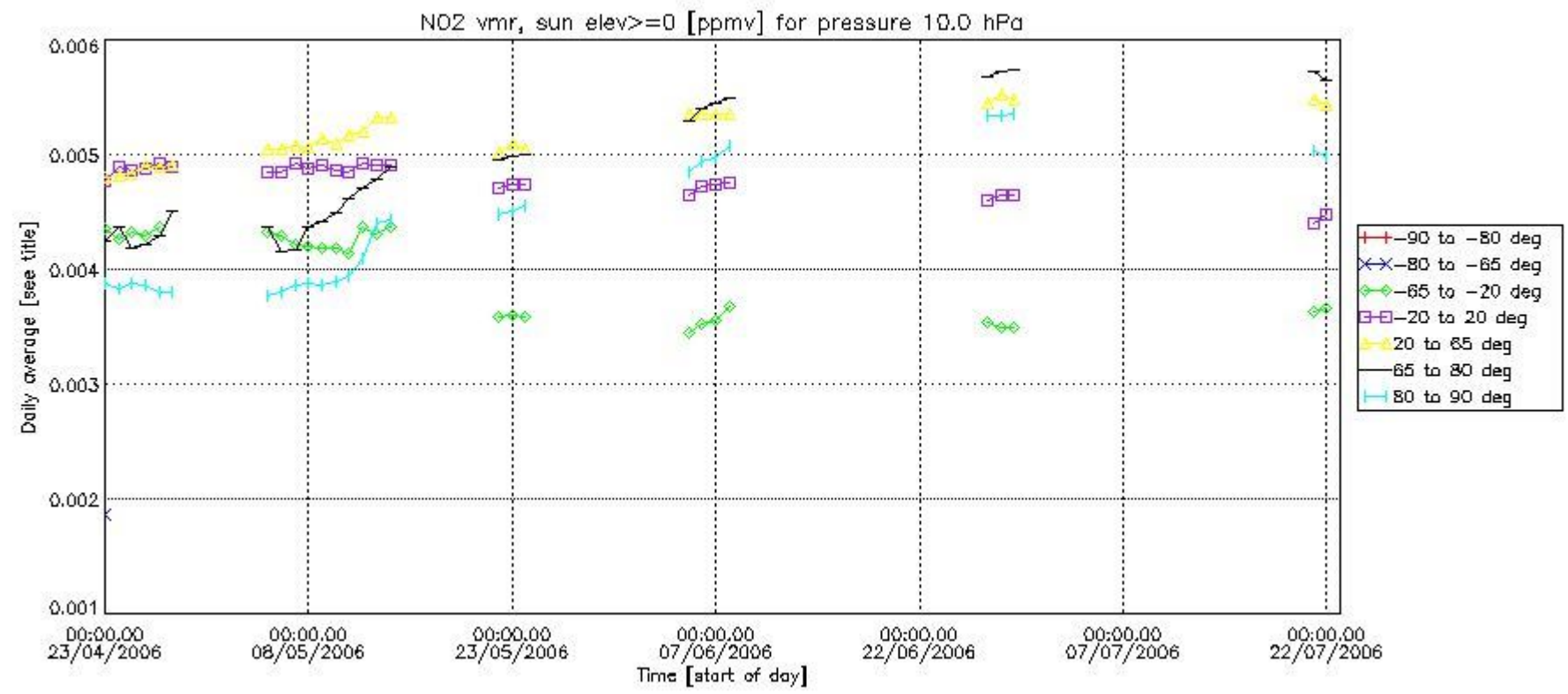




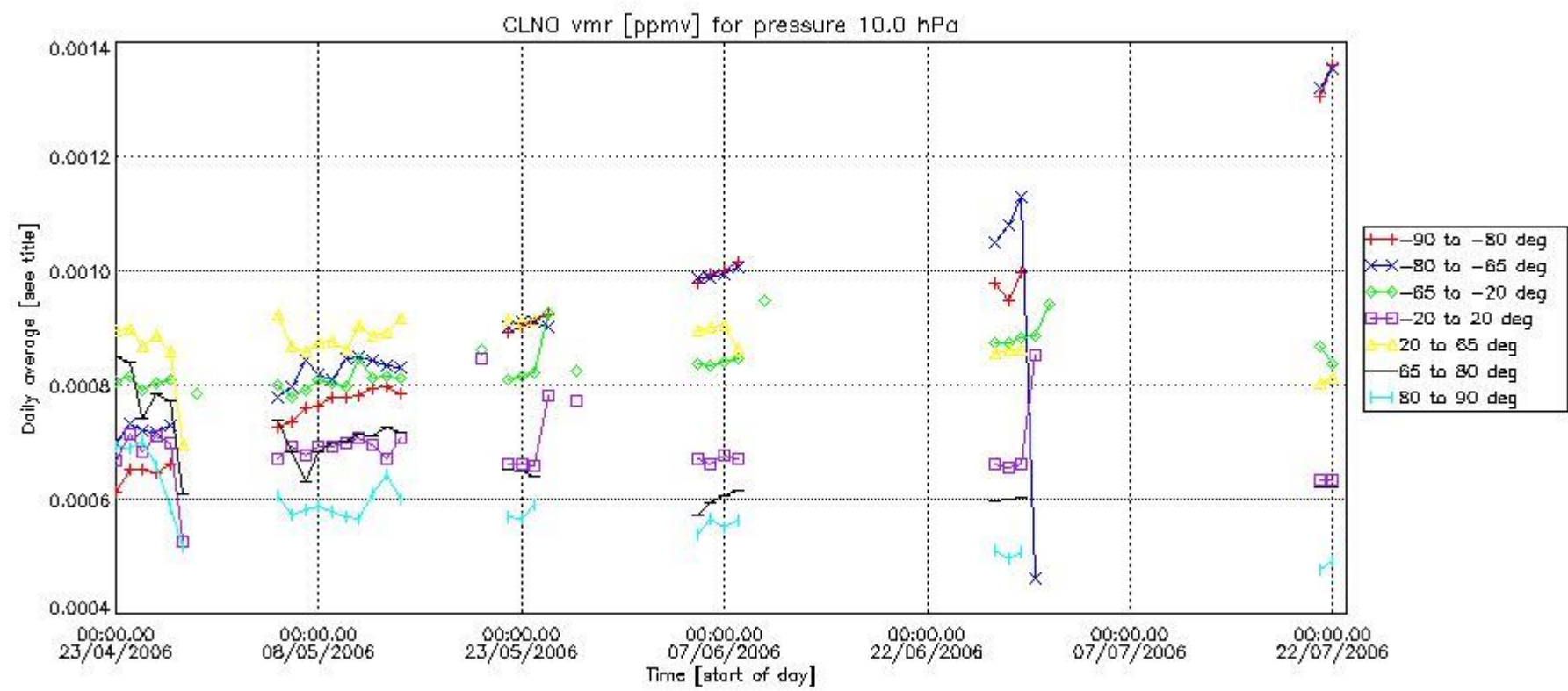
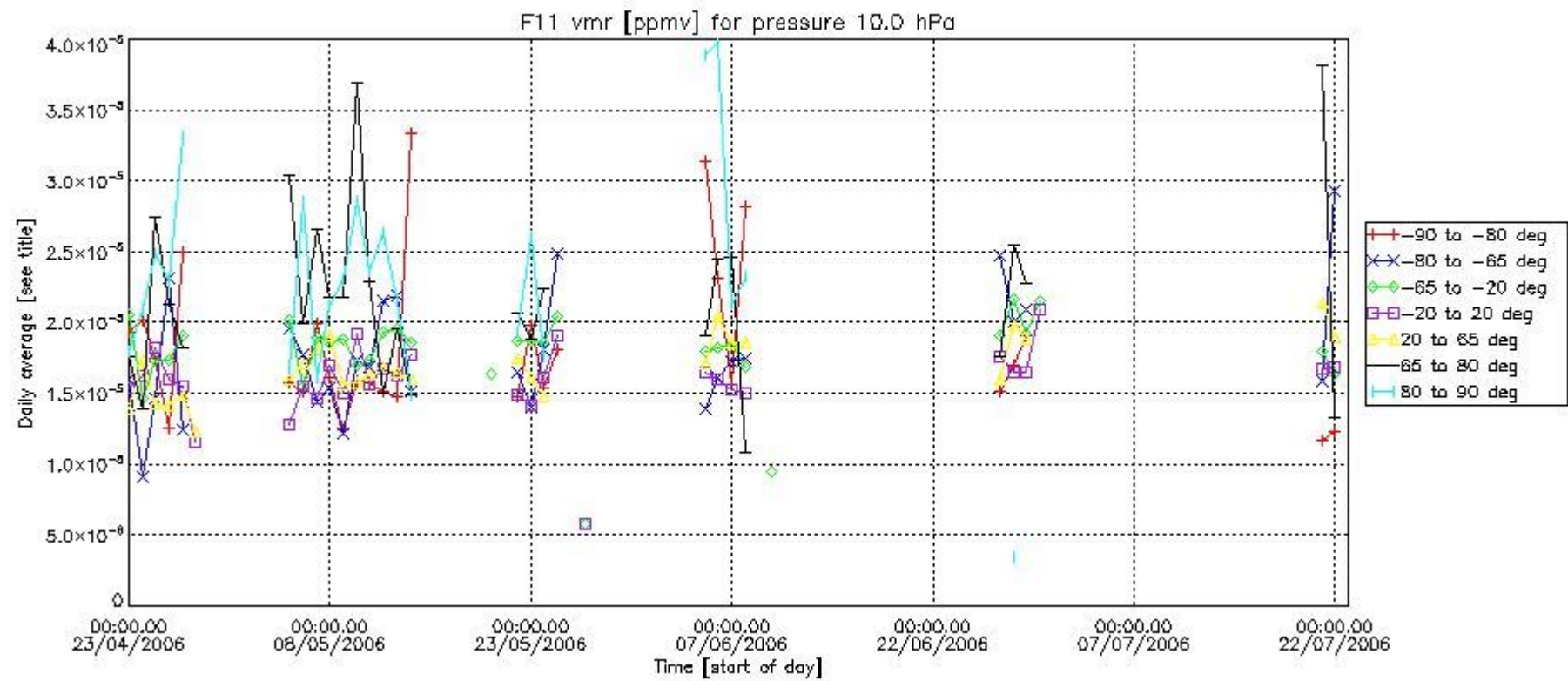


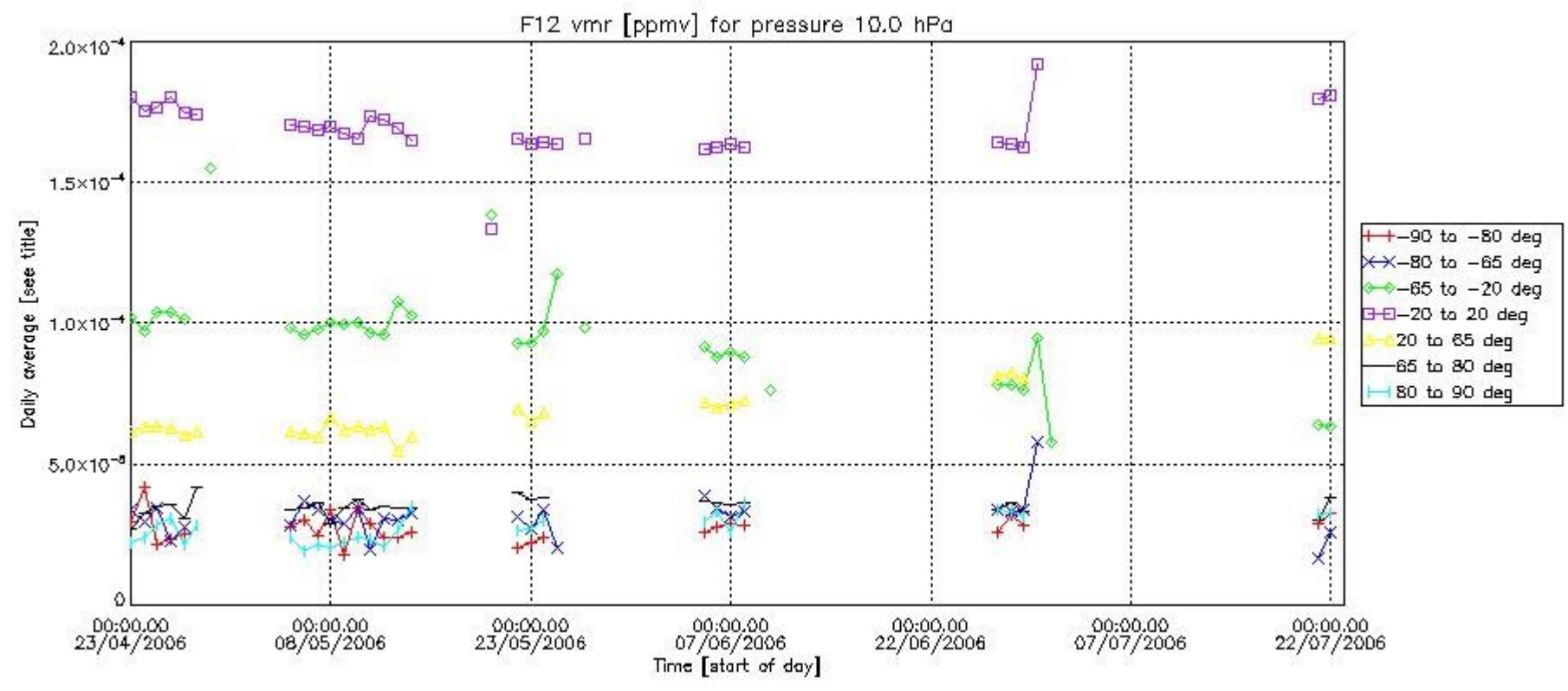
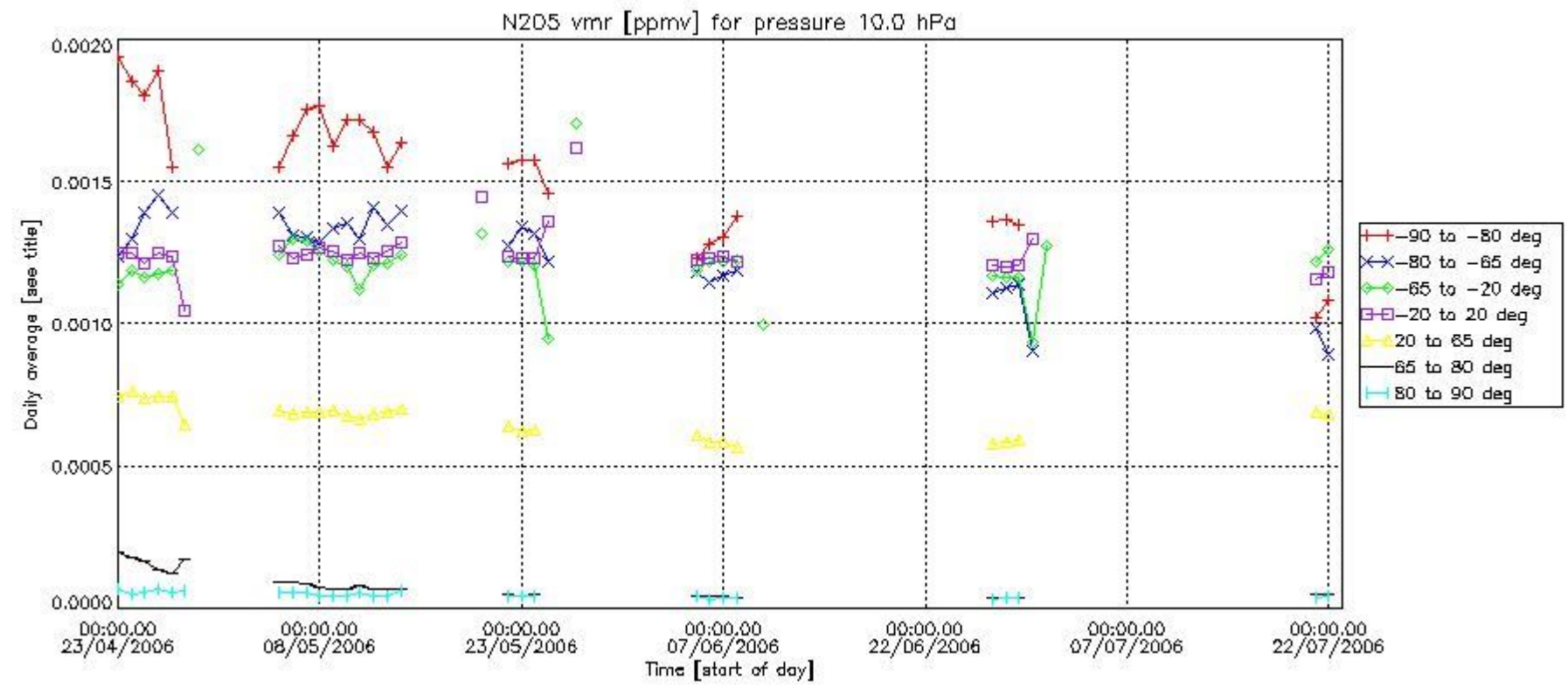


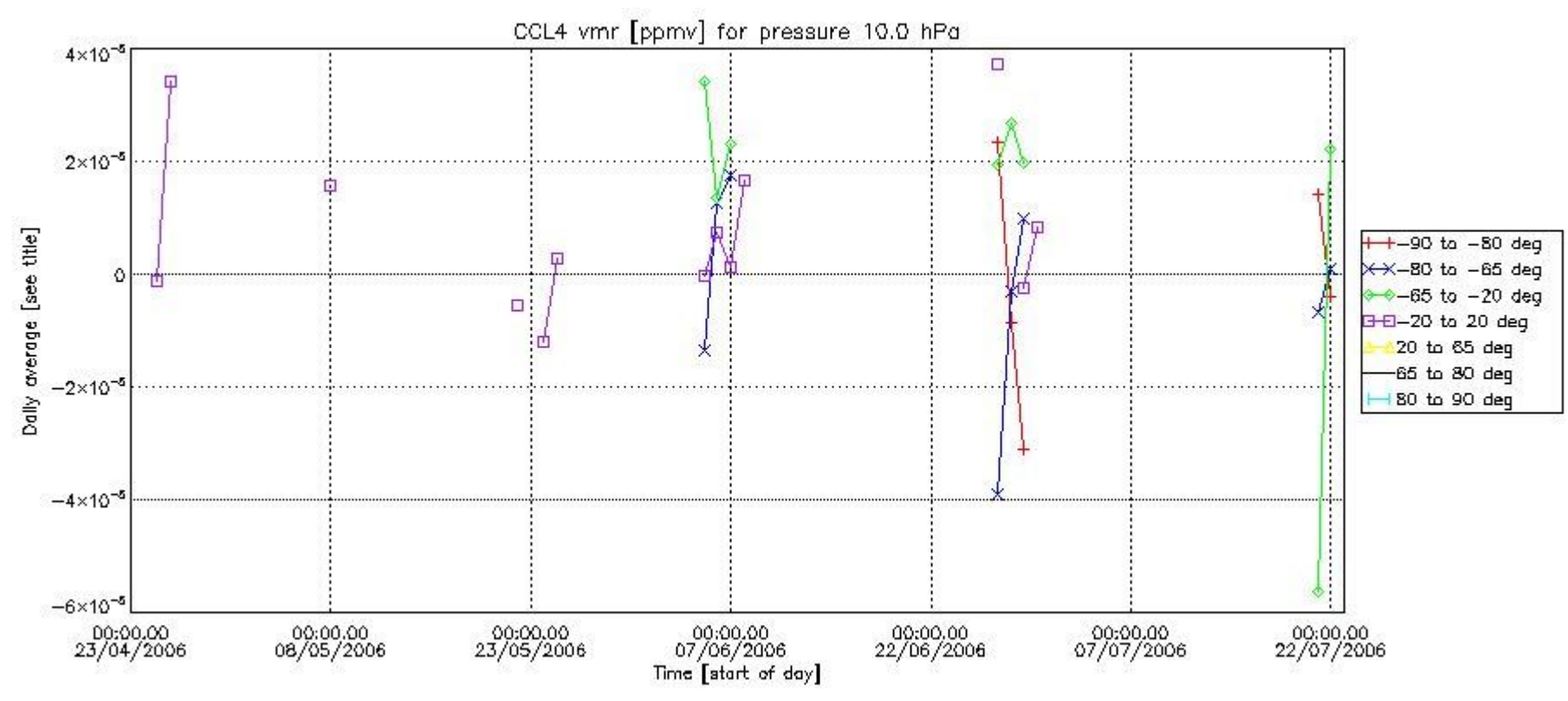
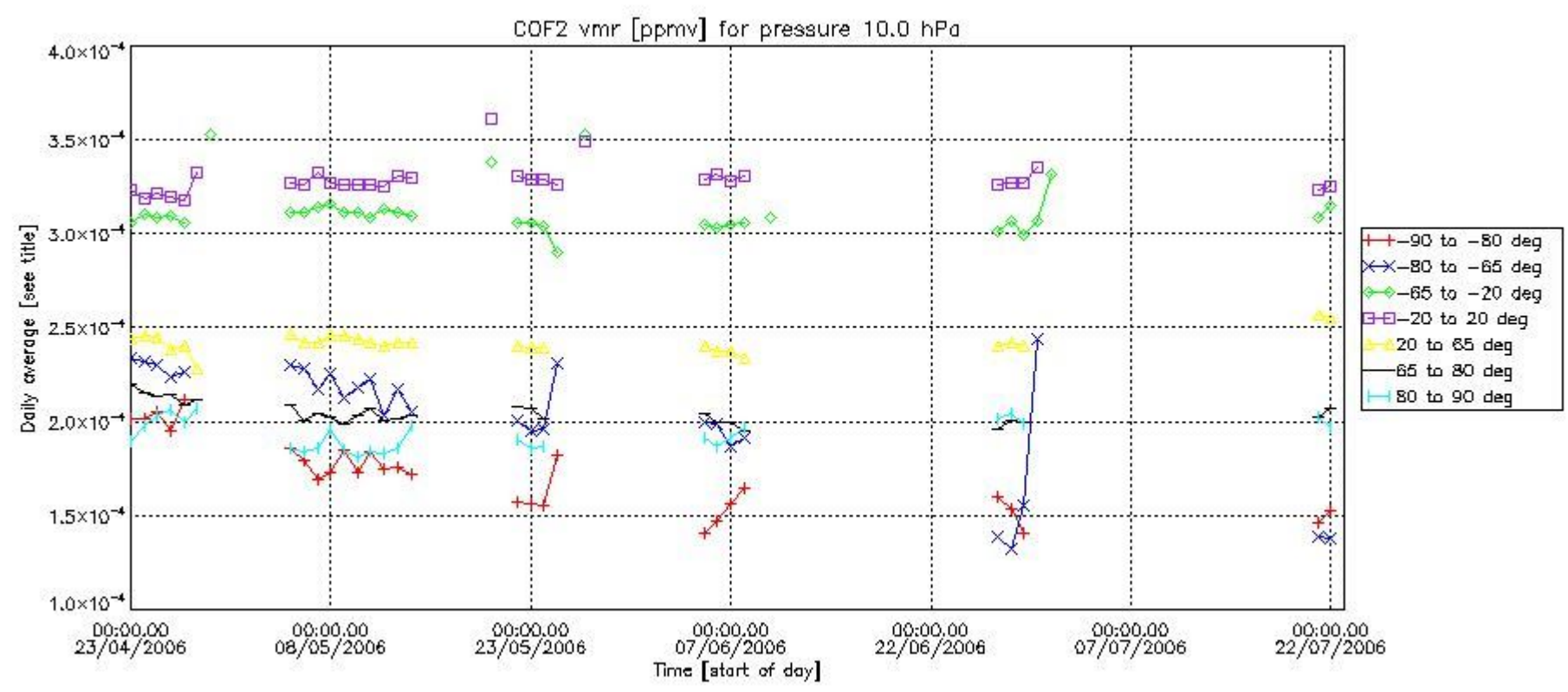




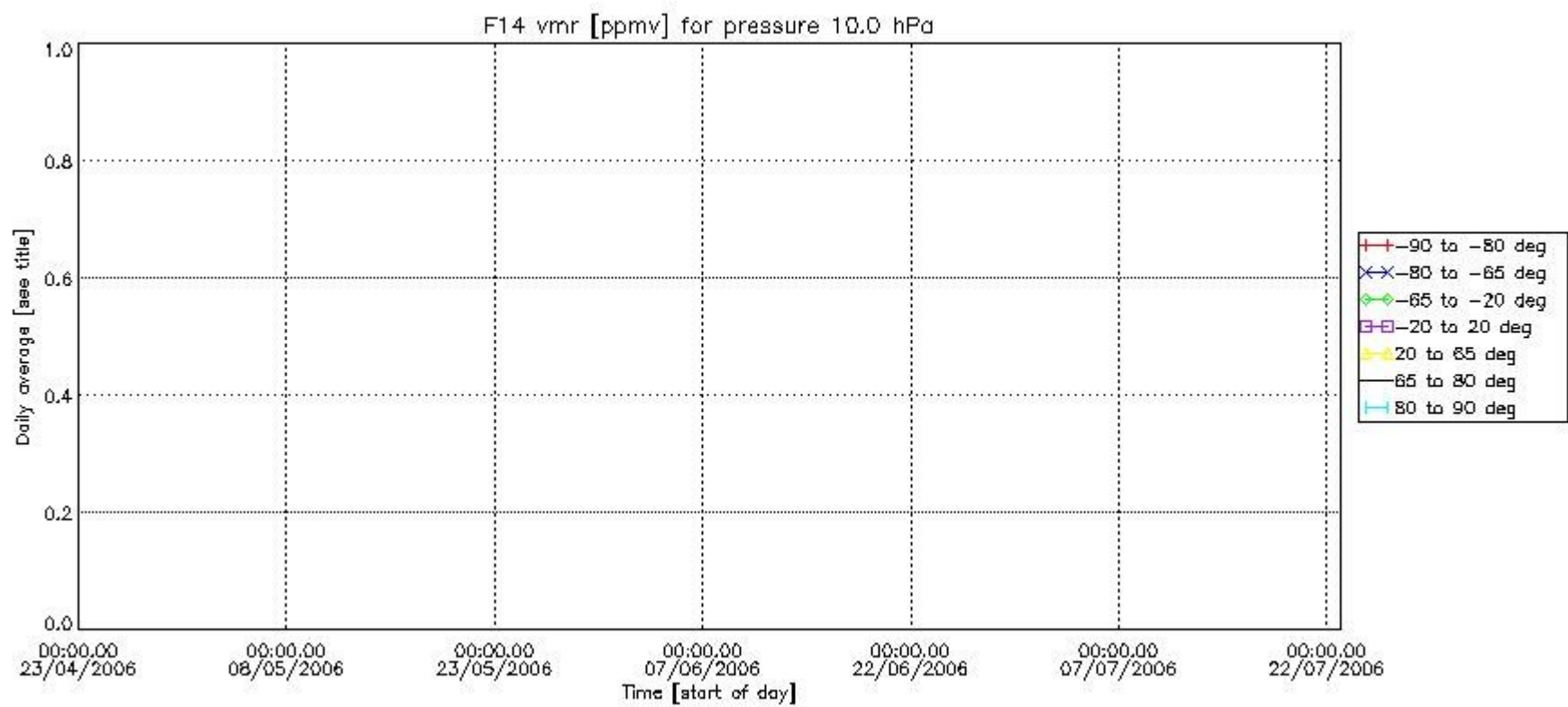
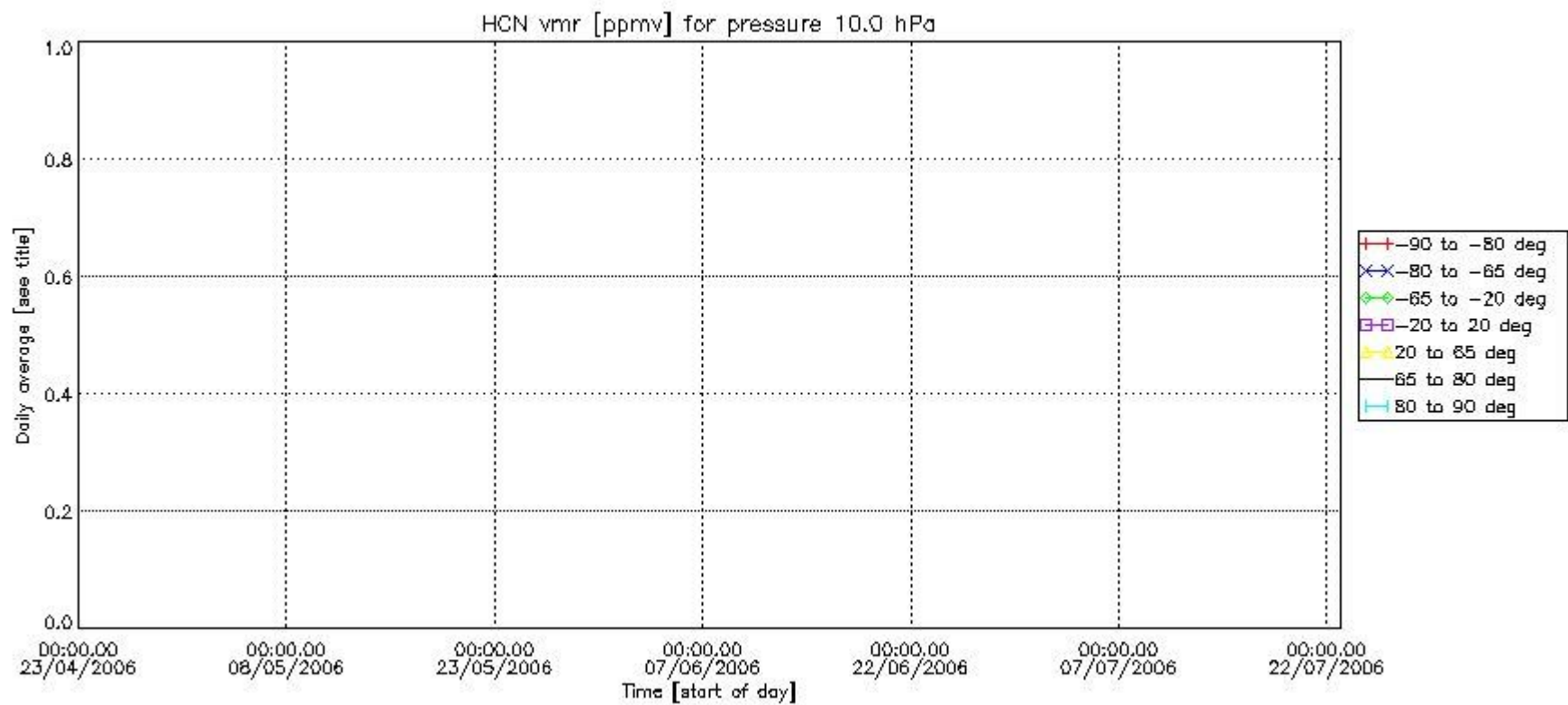


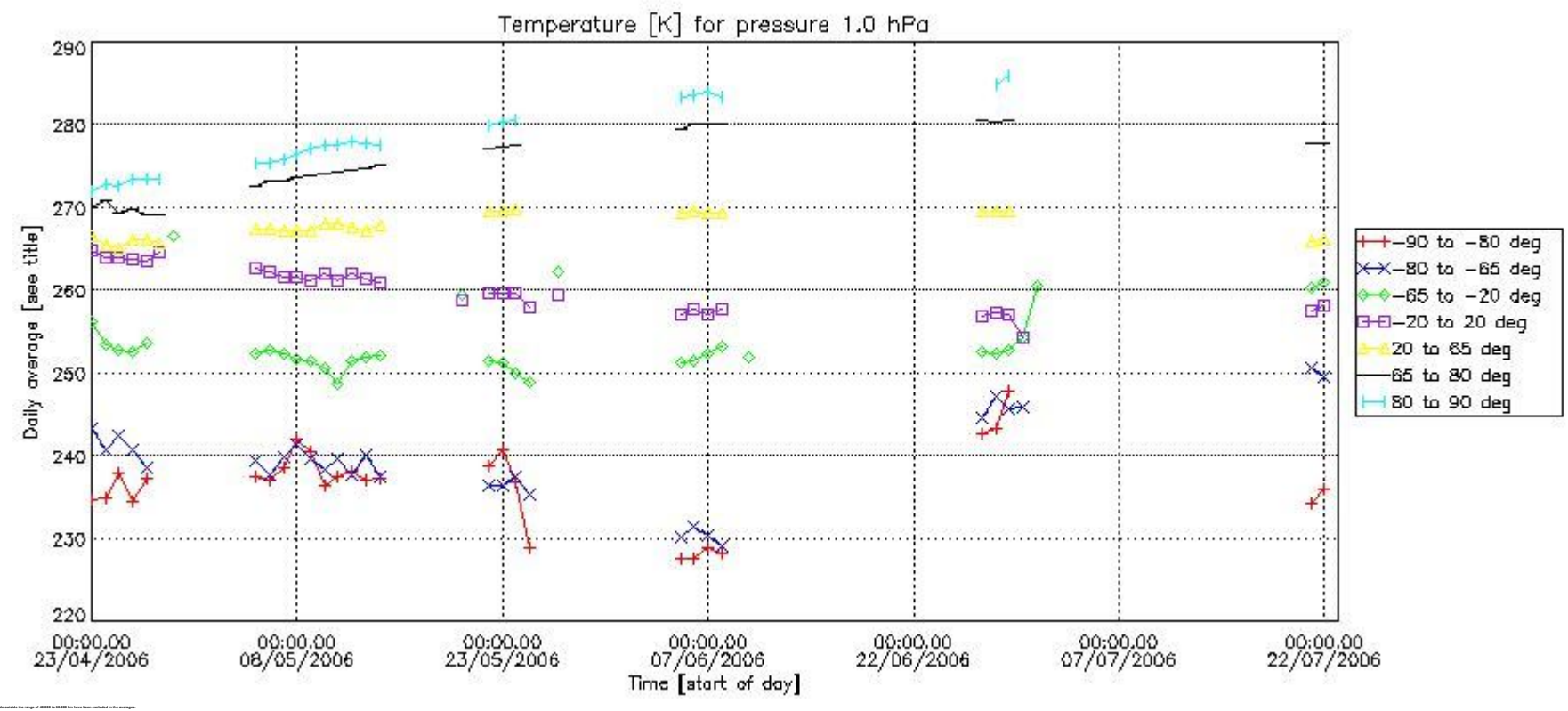
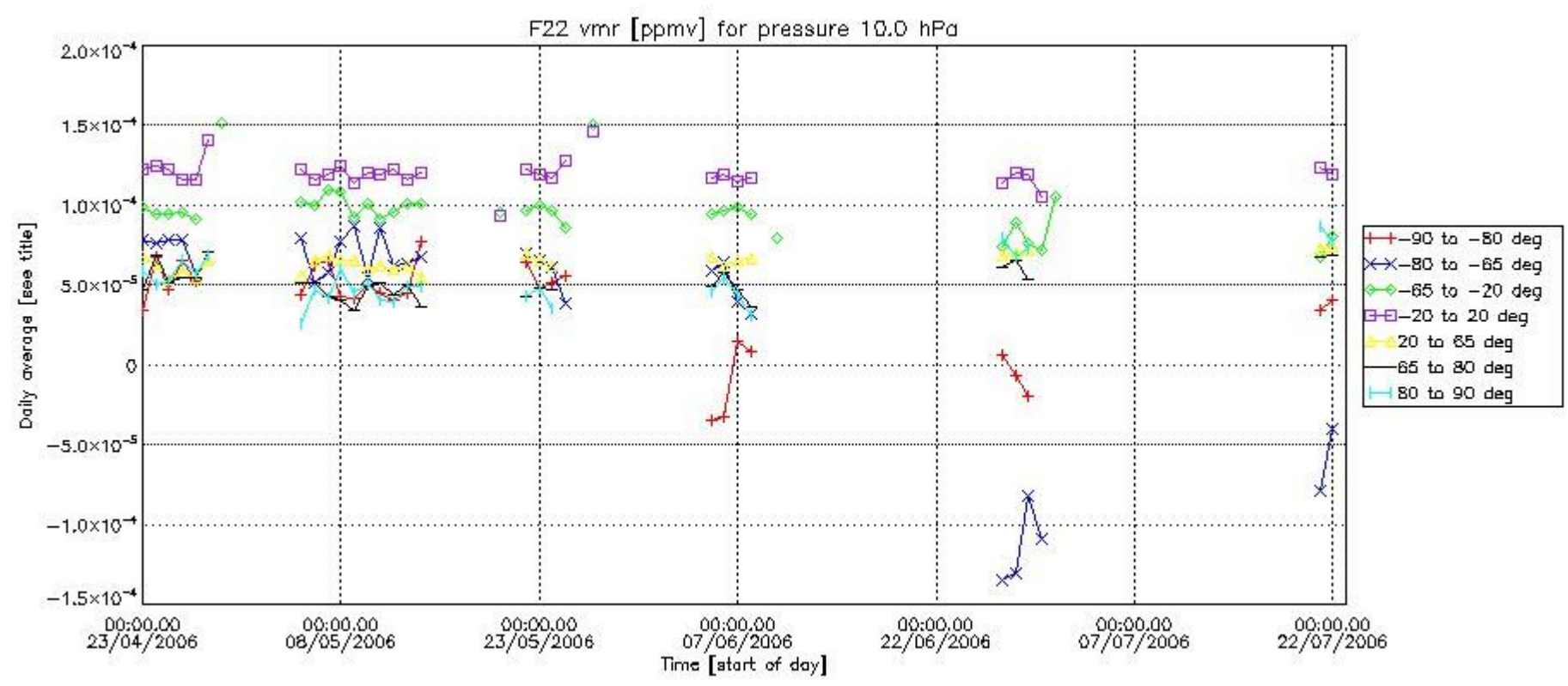


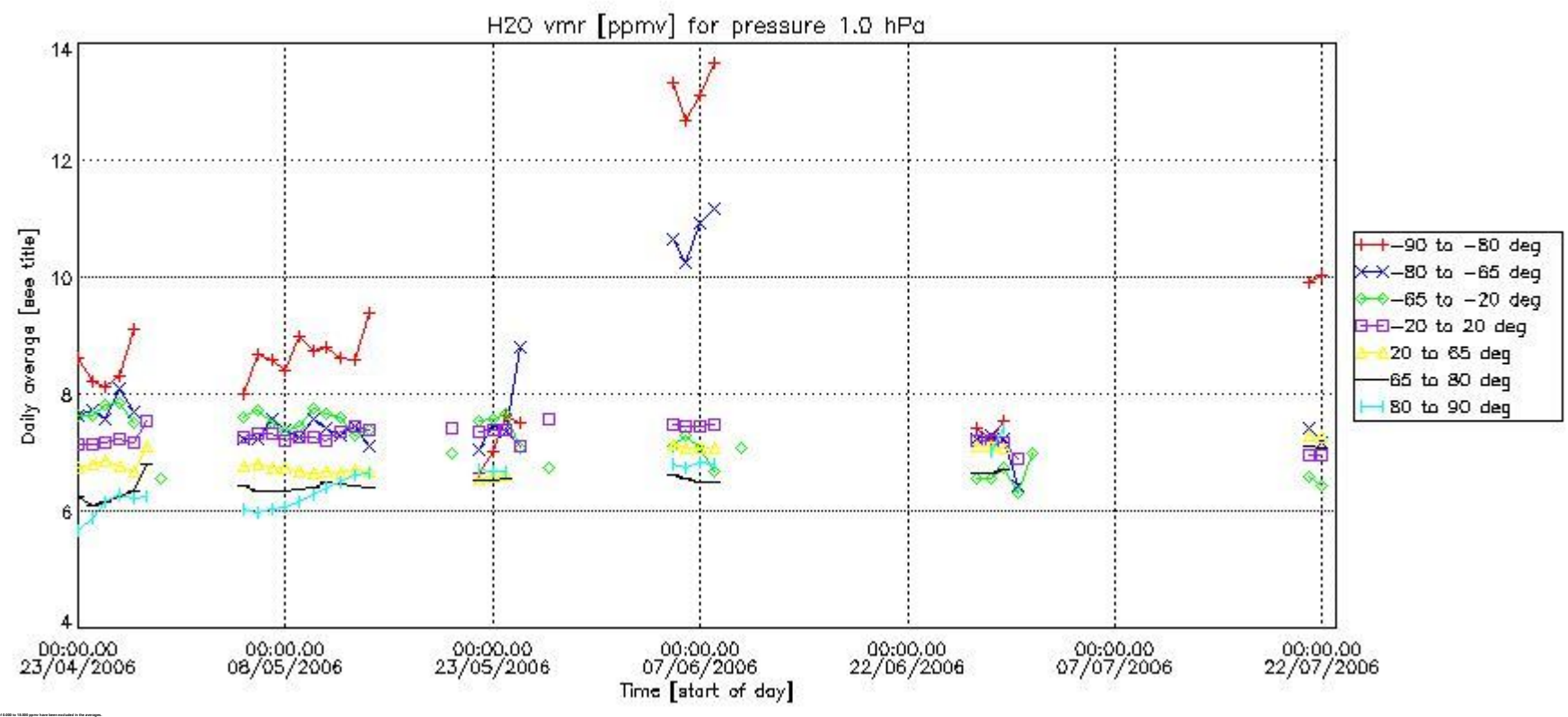
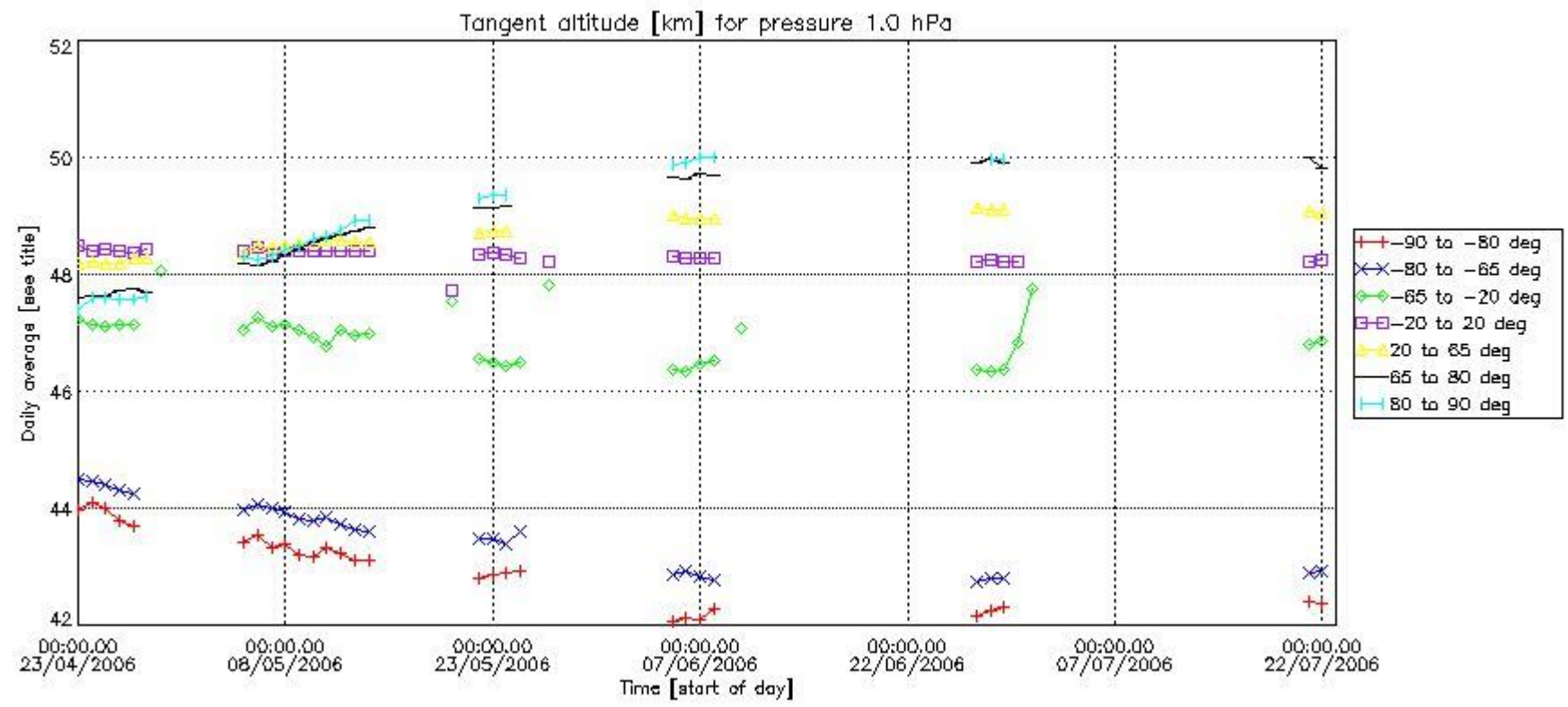




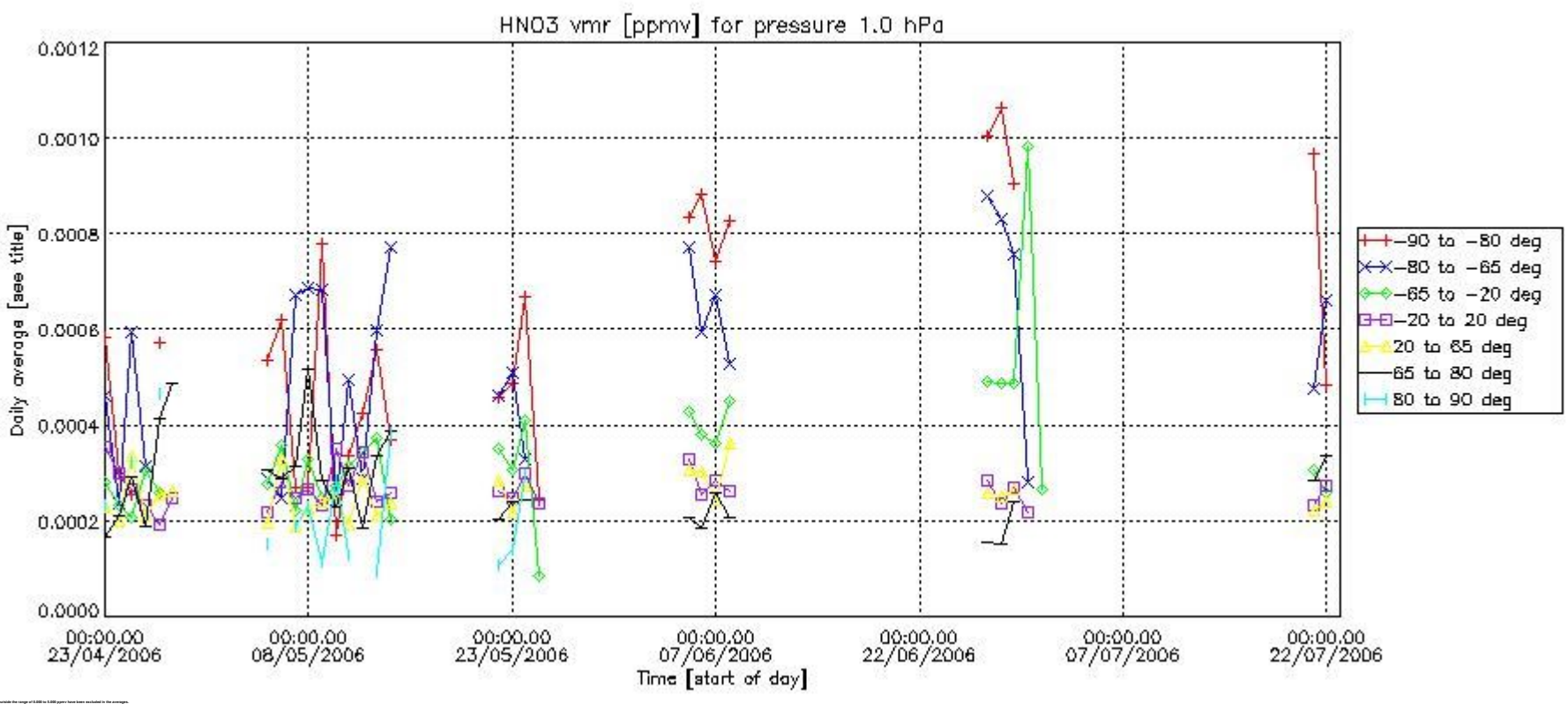
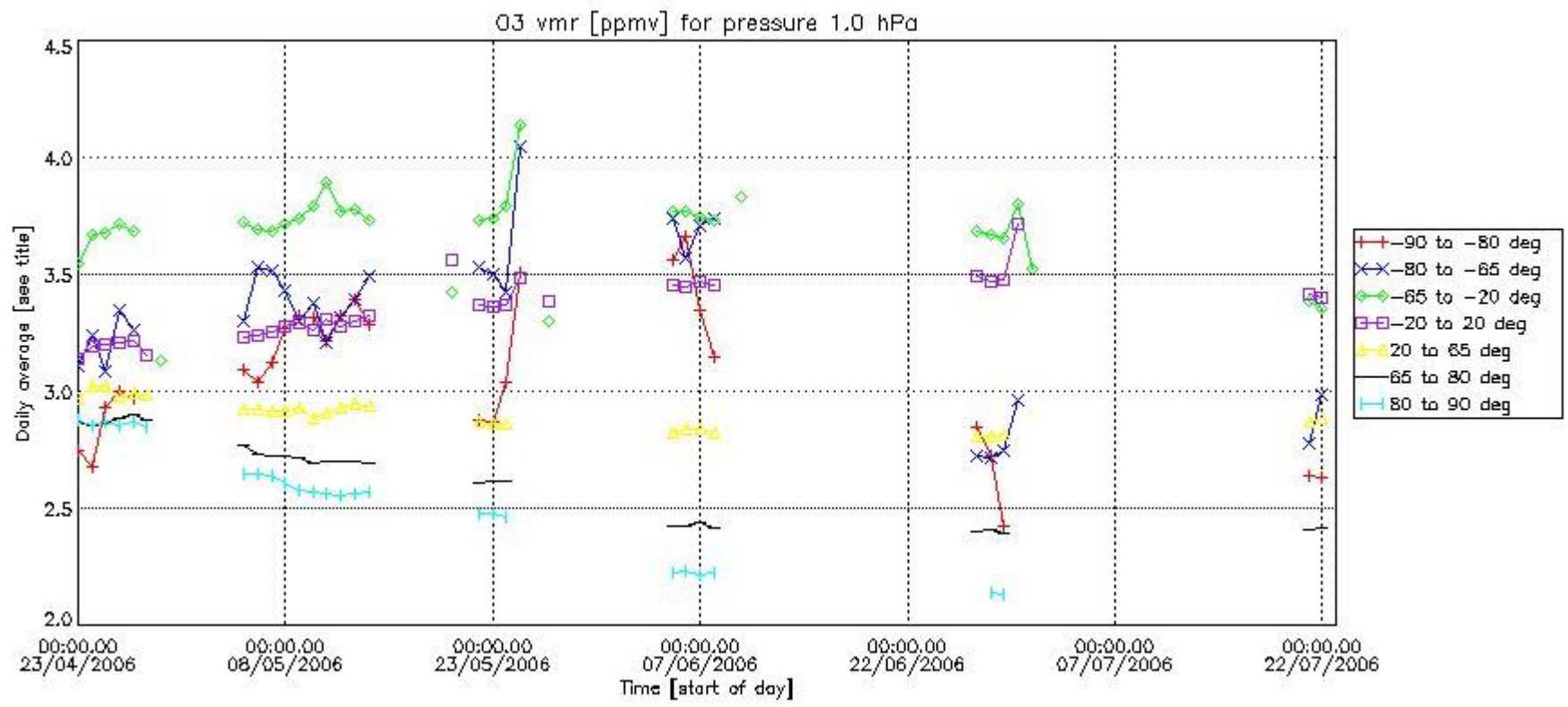


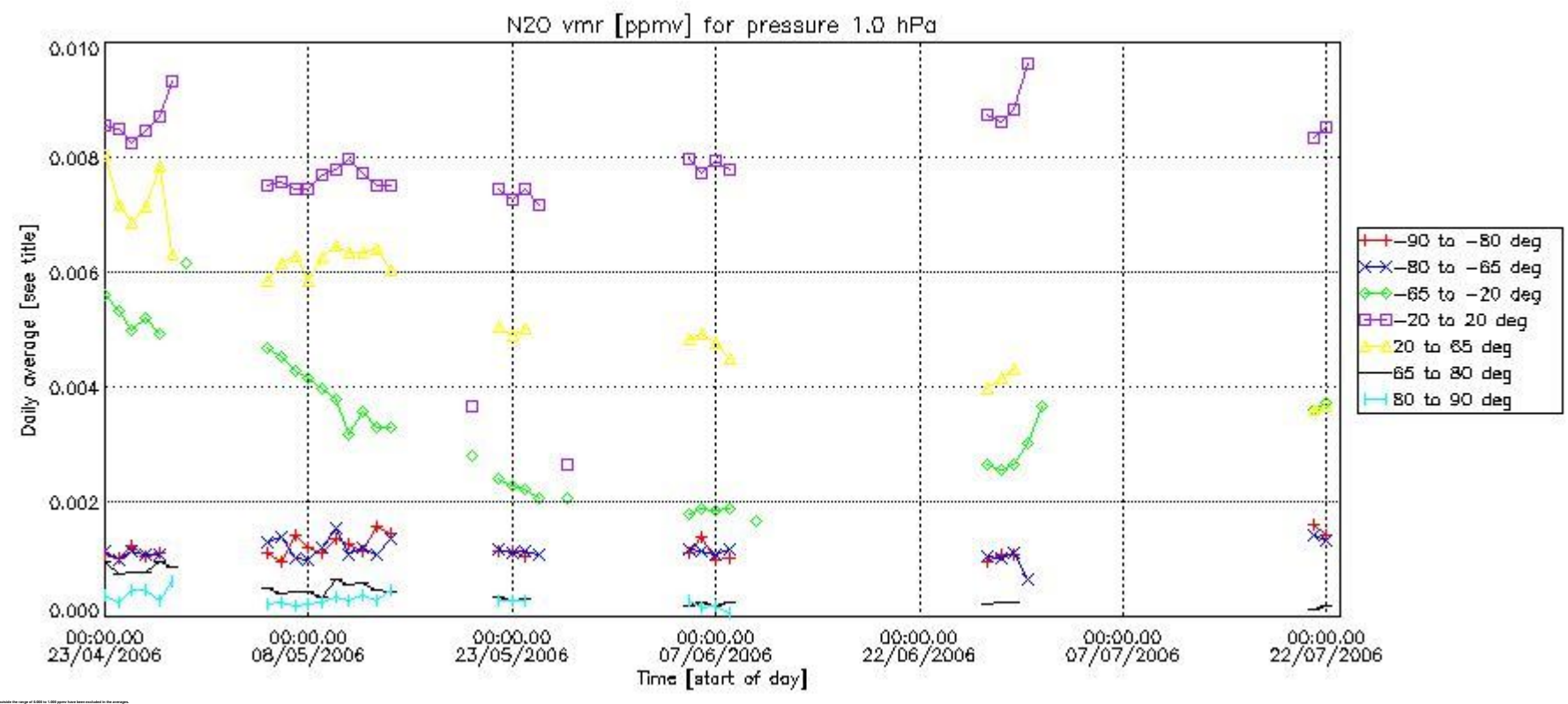
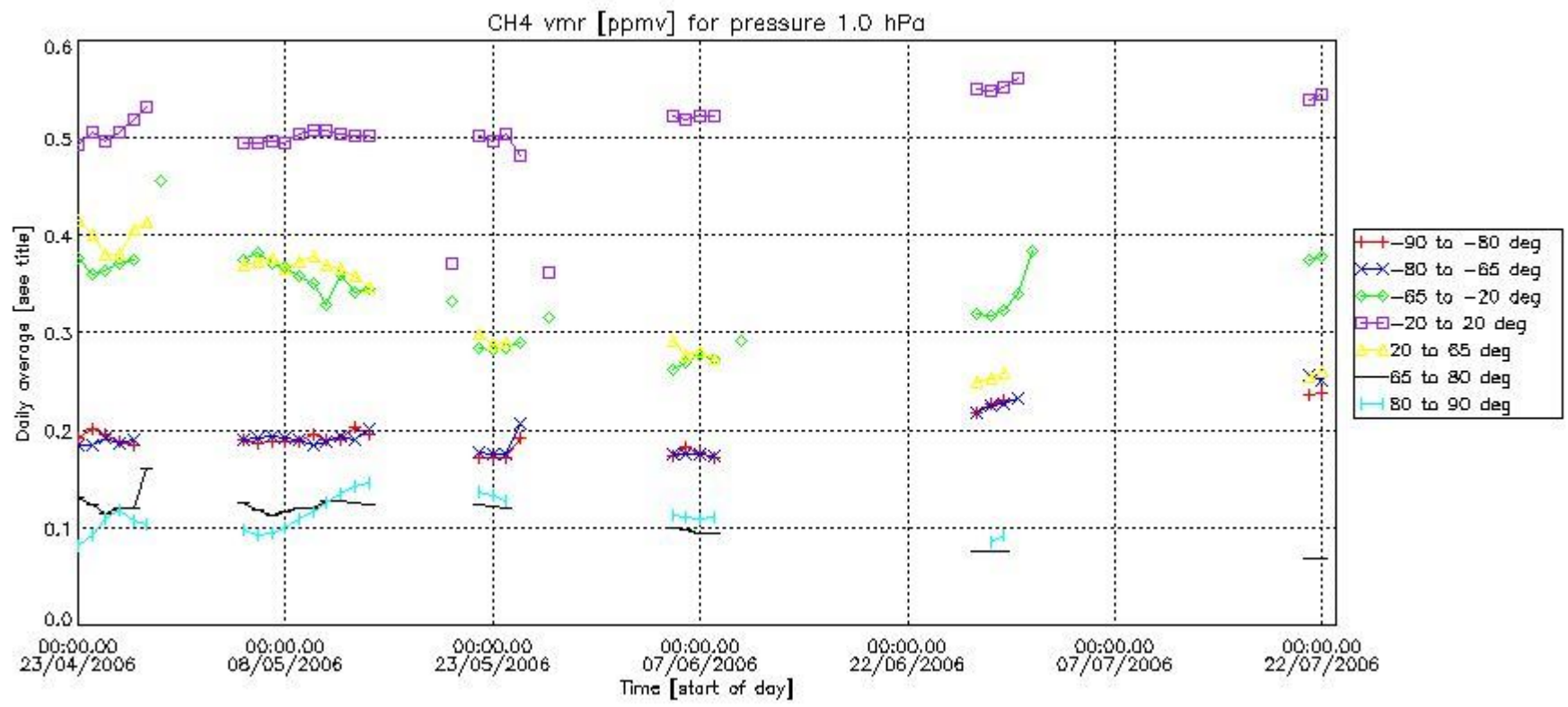


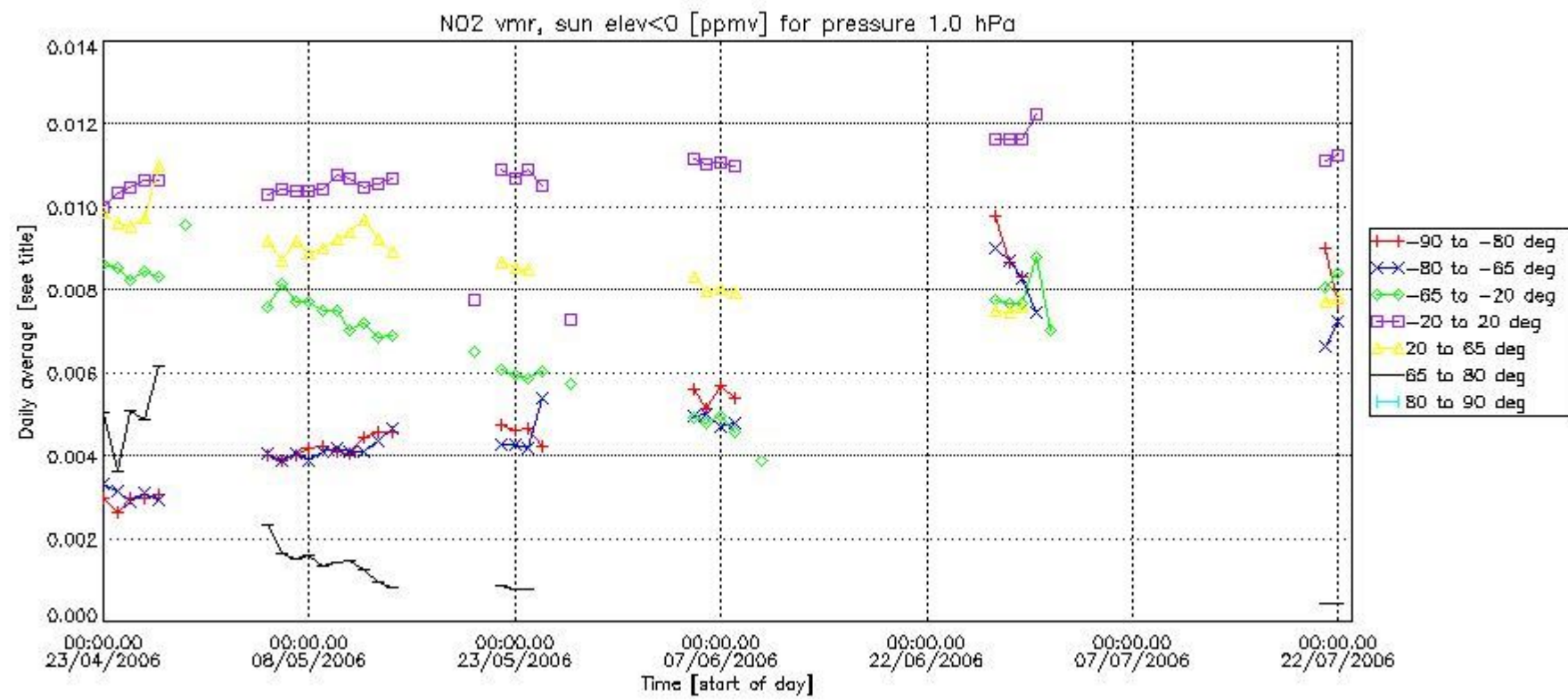
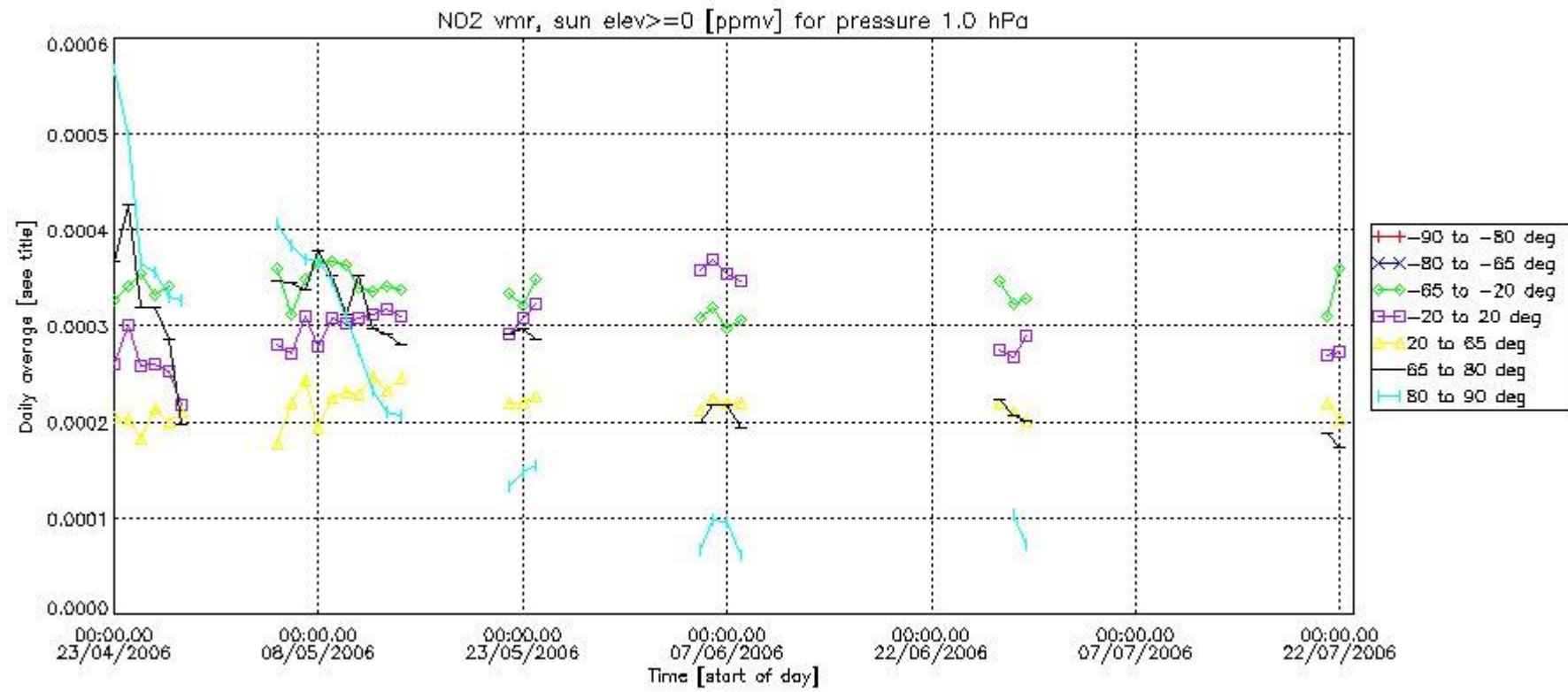




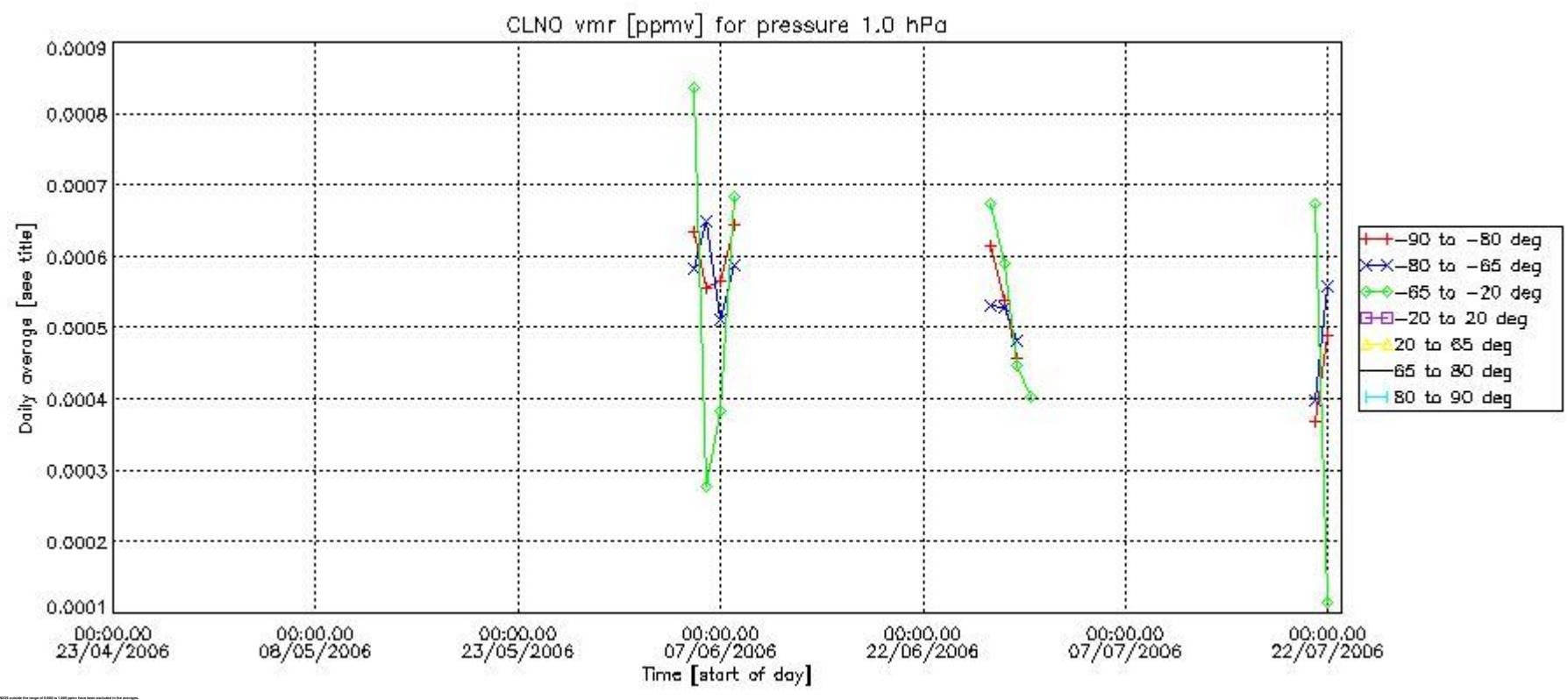
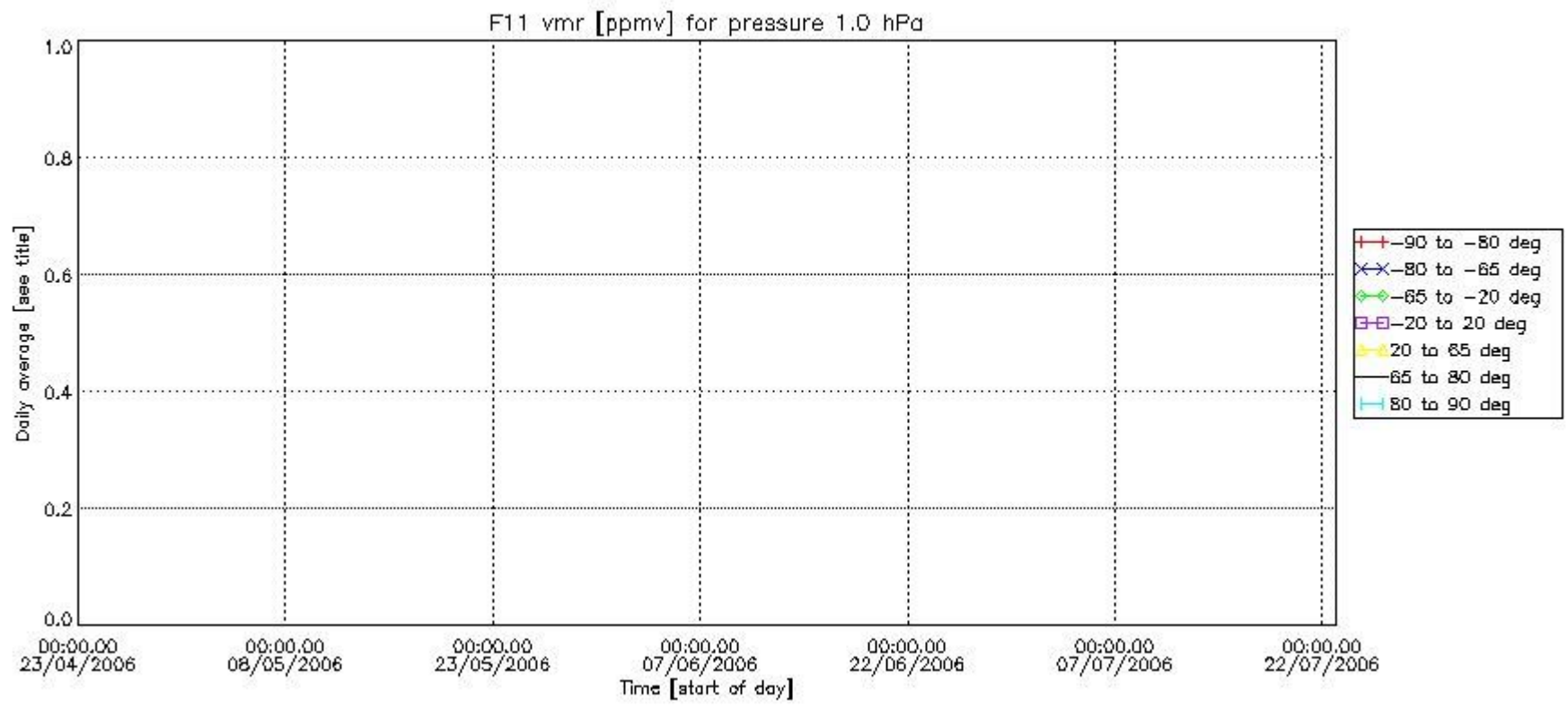


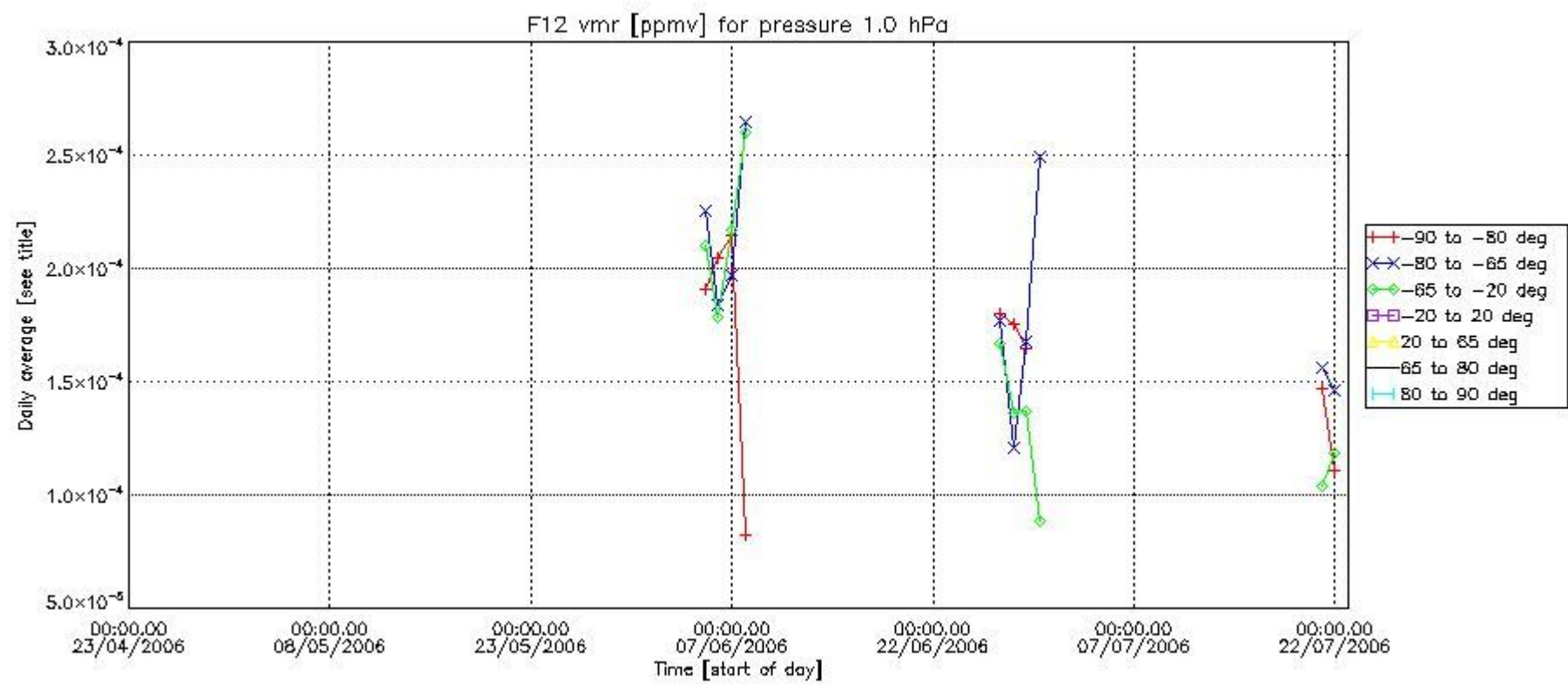
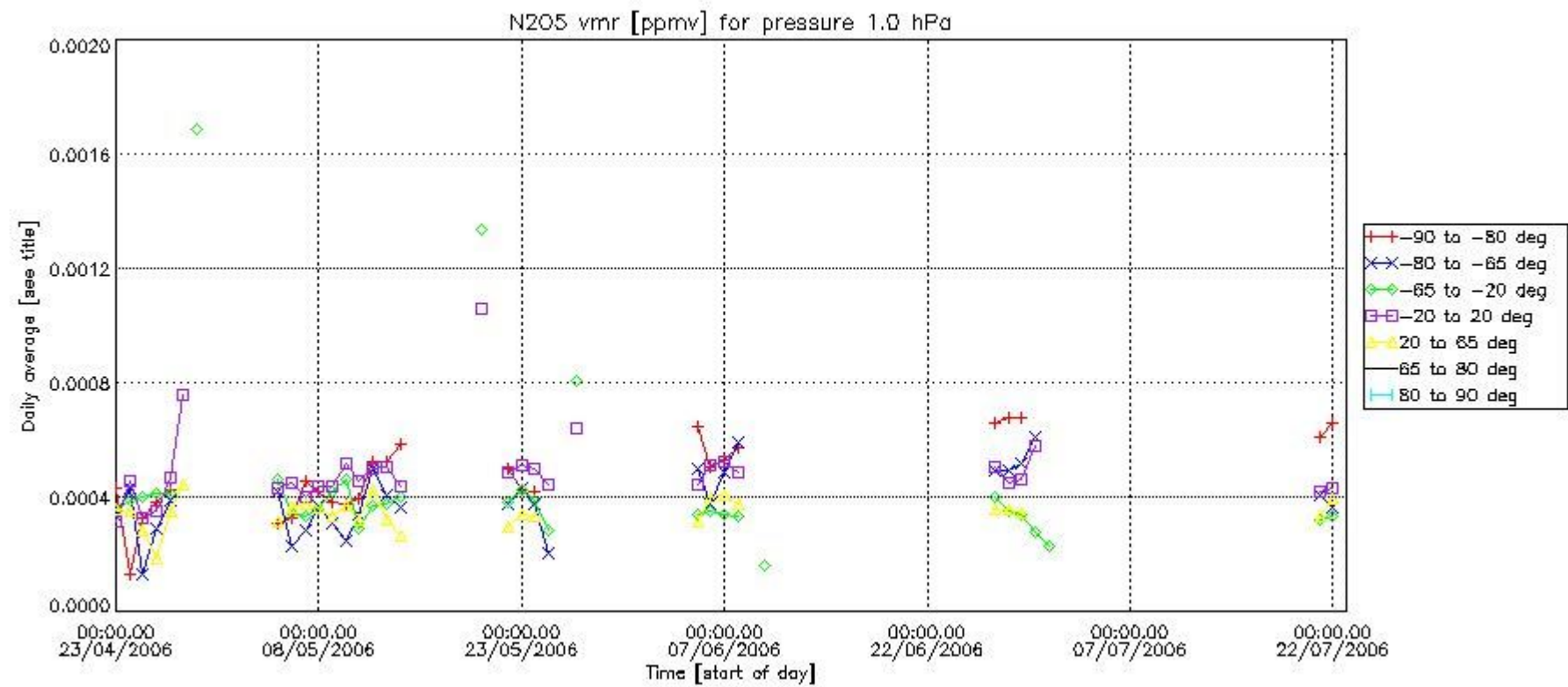


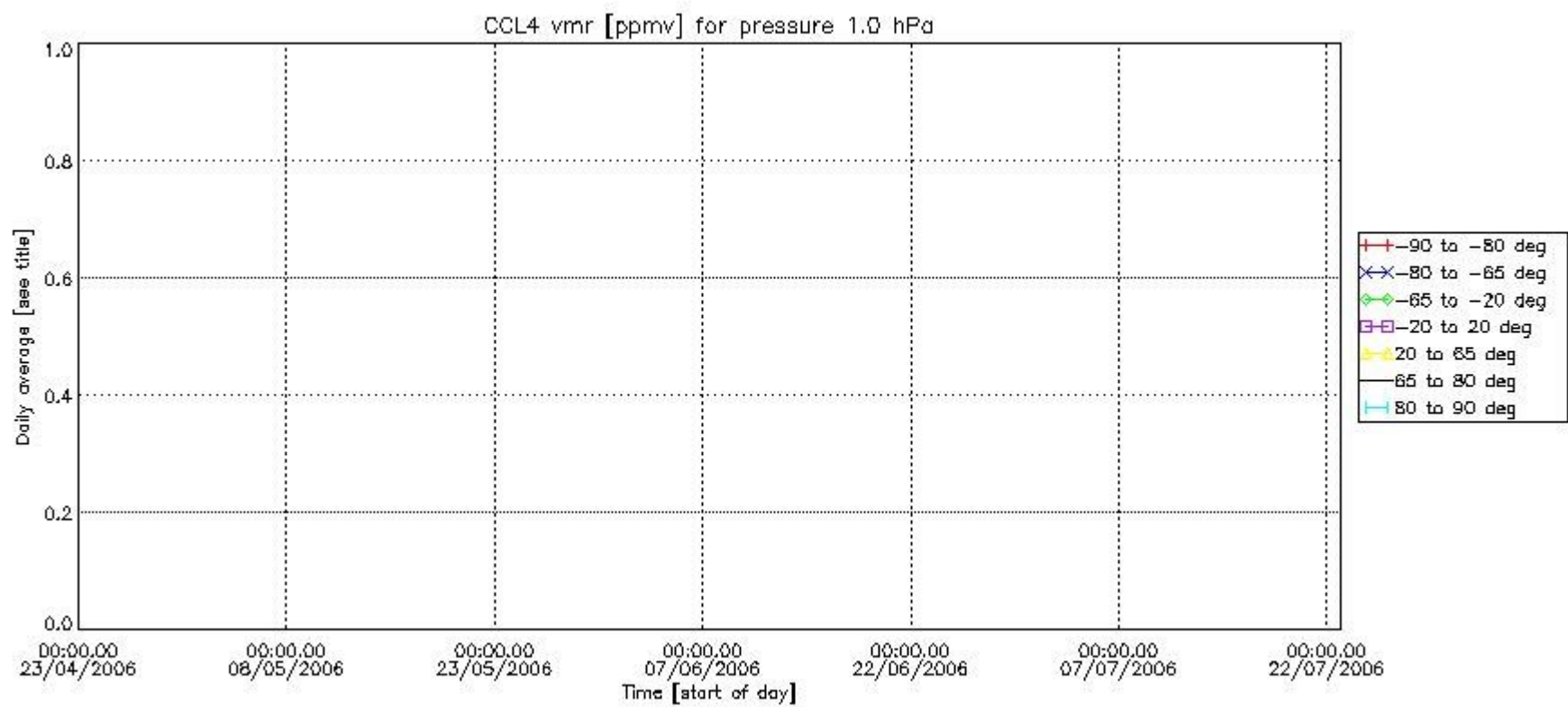
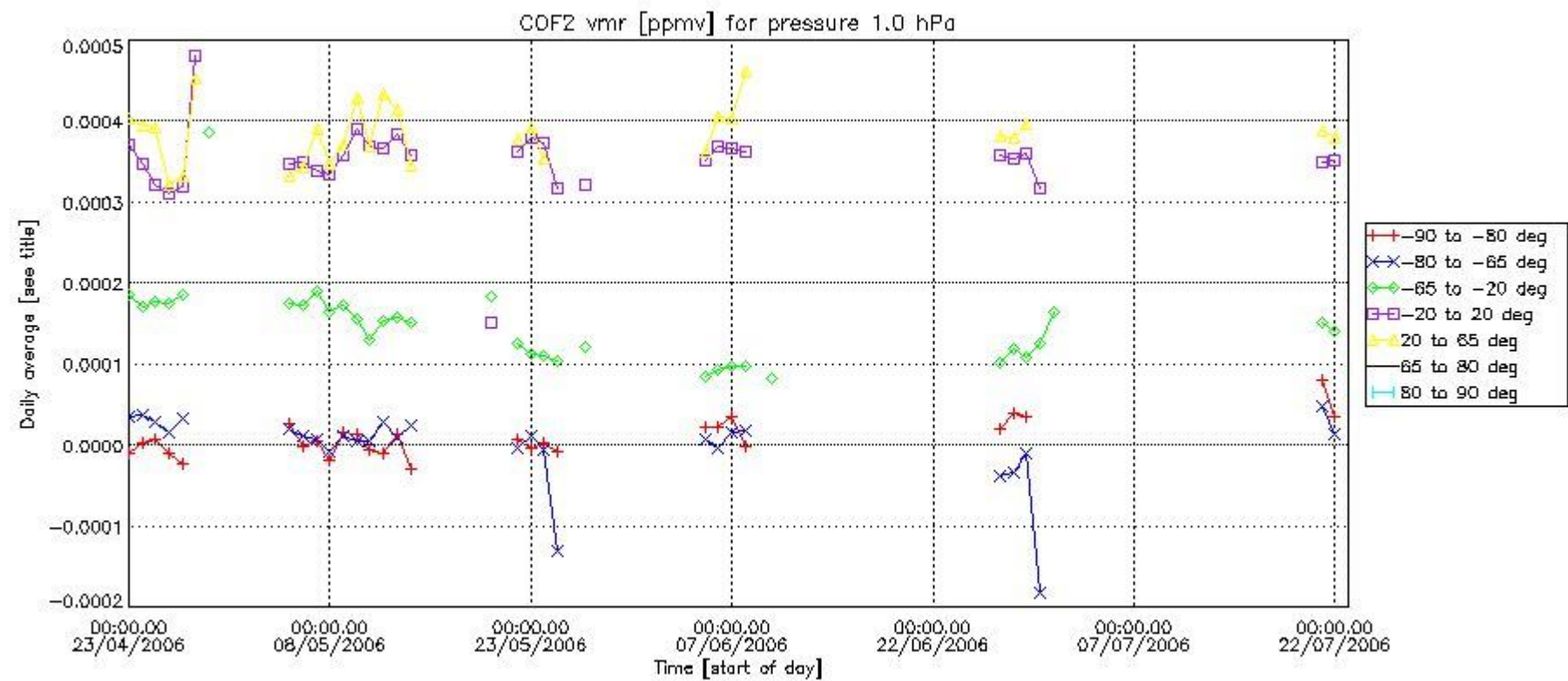




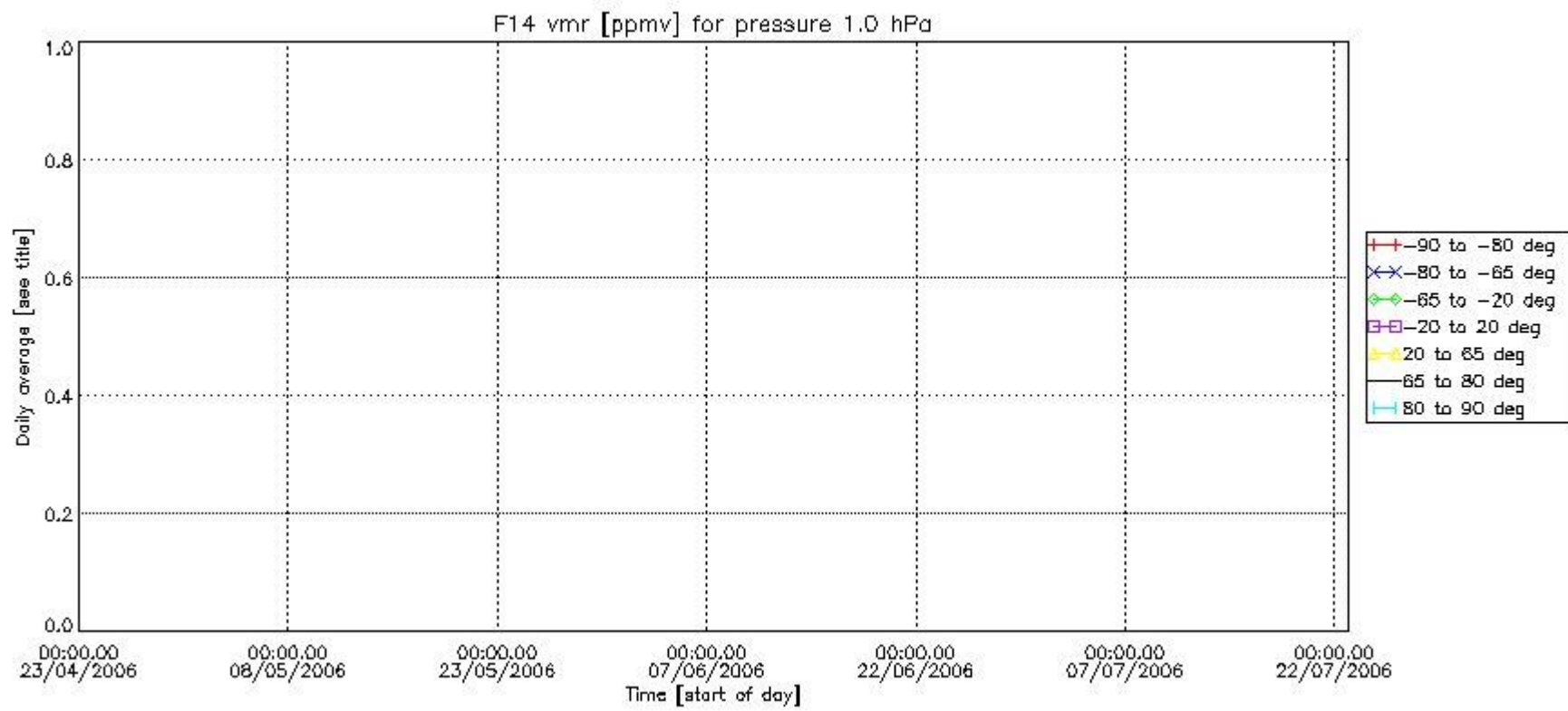
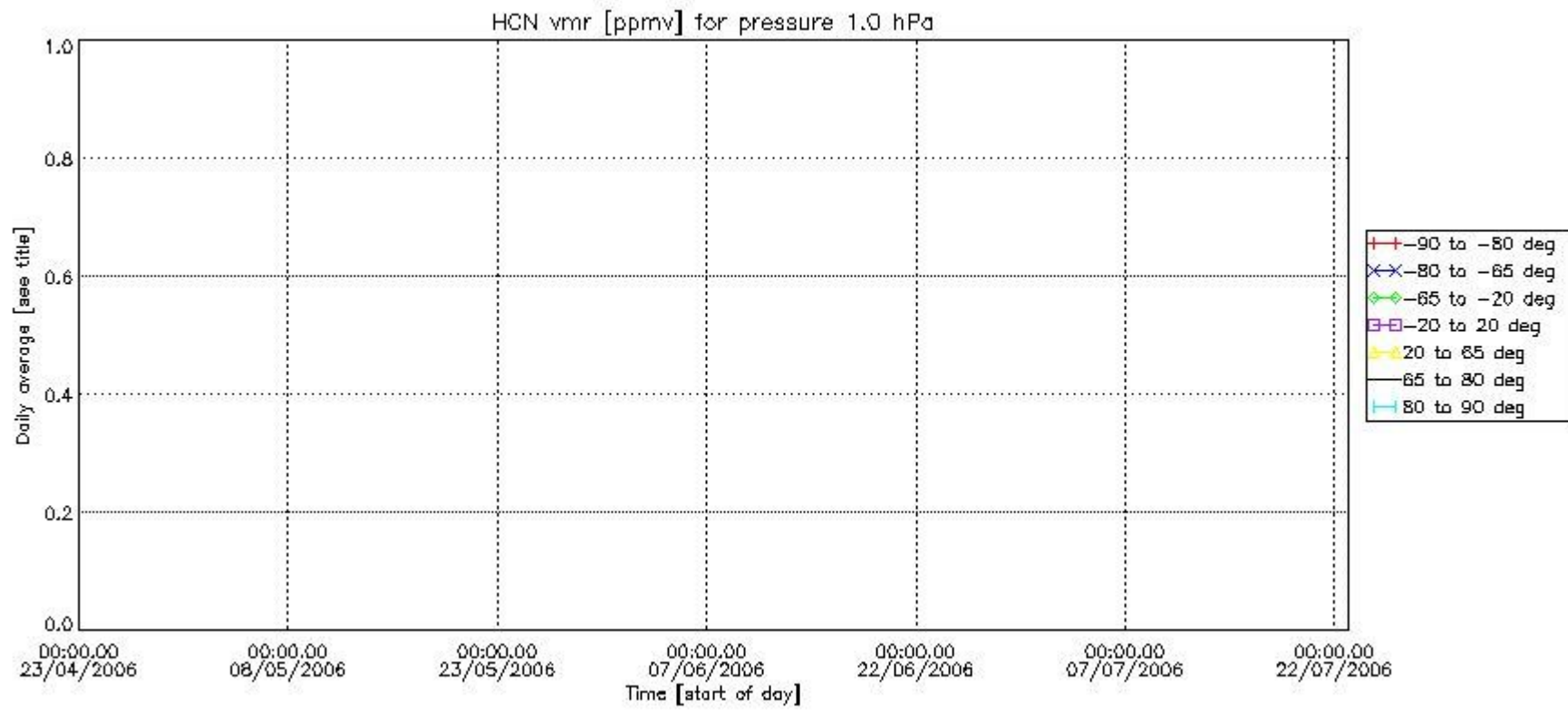


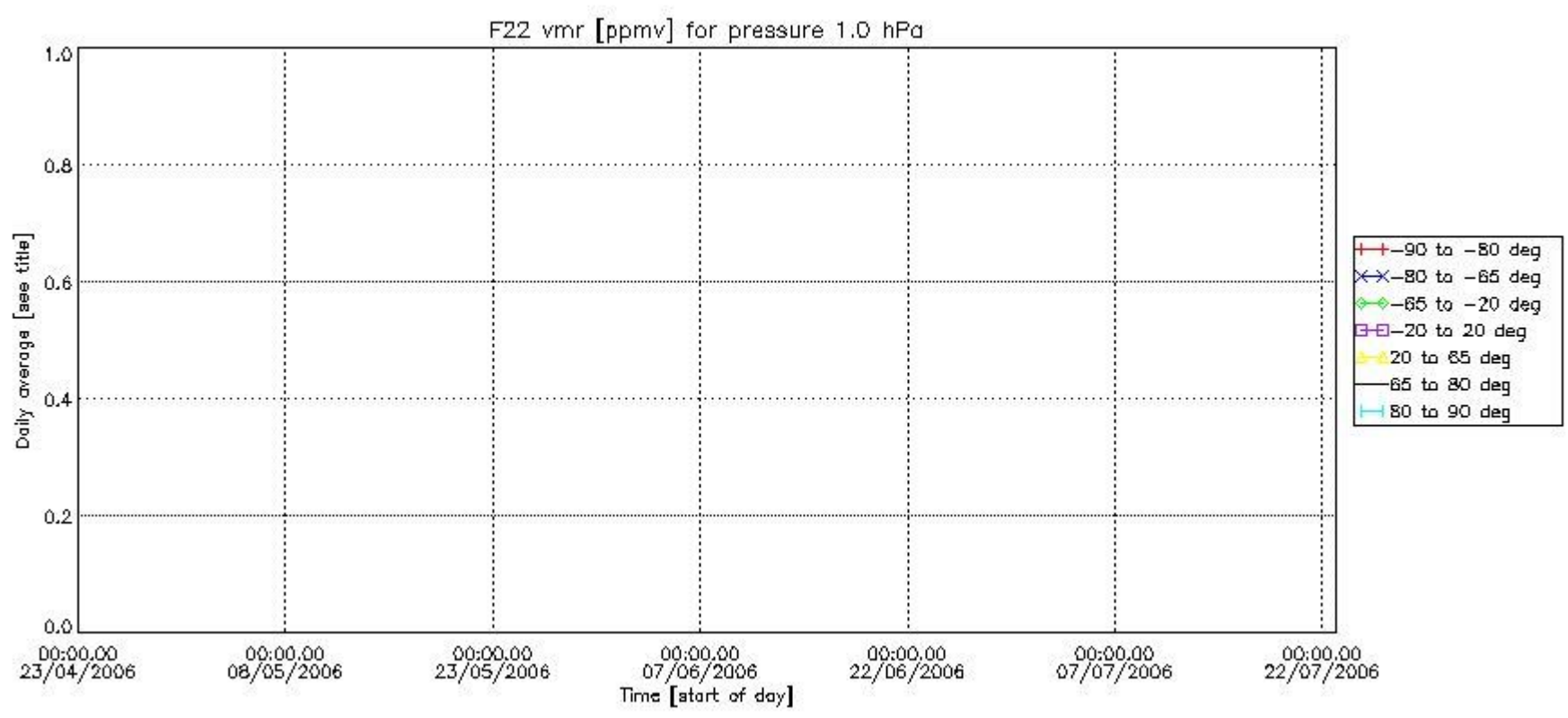












Number of successful retrievals vs. geolocation (\*=day side , triangle=night side).

