

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

(See [mipas\\_daily\\_report\\_level2\\_ML2PP\\_7\\_03\\_W\\_20060813.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 19:56:10
Data source version	ML2PP/7.03-W
Processing scope for products	13AUG2006 00:00:00 to 14AUG2006 00:00:00
Start time of first product within scope	12AUG2006 22:22:59
Stop time of last product within scope	14AUG2006 00:55:58
Total number of level 2 products	10
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__2PWDSI20060812_222259_000060302050_00173_23273_1000.N1	12AUG2006 22:22:59	13AUG2006 00:03:28	0	128/128	VMR_TERM_MACRO_MICRO[HCN/macro:1; F14/macro:1; CLNO/micro:1; HCN/micro:2]
1	MIP_NL__2PWDSI20060813_000335_000050402050_00174_23274_1000.N1	13AUG2006 00:03:35	13AUG2006 01:27:35	0	111/111	VMR_TERM_MACRO_MICRO[CLNO/micro:1; HCN/micro:2]
2	MIP_NL__2PWDSI20060813_062414_000012542050_00177_23277_1000.N1	13AUG2006 06:24:14	13AUG2006 06:45:08	0	24/24	
3	MIP_NL__2PWDSI20060813_064558_000060302050_00178_23278_1000.N1	13AUG2006 06:45:58	13AUG2006 08:26:28	0	109/109	VMR_TERM_MACRO_MICRO[HCN/micro:4]
4	MIP_NL__2PWDSI20060813_082634_000060302050_00179_23279_1000.N1	13AUG2006 08:26:34	13AUG2006 10:07:04	0	128/128	P_T_TERM_MACRO_MICRO[macro:1], VMR_TERM_MACRO_MICRO[HCN/macro:1; CLNO/micro:1; HCN/micro:2]
5	MIP_NL__2PWDSI20060813_100710_000050402050_00180_23280_1000.N1	13AUG2006 10:07:10	13AUG2006 11:31:10	0	111/111	P_T_TERM_MACRO_MICRO[macro:1], VMR_TERM_MACRO_MICRO[HCN/macro:1]
6	MIP_NL__2PWDSI20060813_194902_000012532050_00185_23285_1000.N1	13AUG2006 19:49:02	13AUG2006 20:09:56	0	24/24	
7	MIP_NL__2PWDSI20060813_201046_000060302050_00186_23286_1000.N1	13AUG2006 20:10:46	13AUG2006 21:51:15	0	128/128	VMR_TERM_MACRO_MICRO[F14/macro:1; H2O/micro:1; CLNO/micro:1; HCN/micro:1; F14/micro:1]
8	MIP_NL__2PWDSI20060813_215122_000060302050_00187_23287_1000.N1	13AUG2006 21:51:22	13AUG2006 23:31:51	0	128/128	VMR_TERM_MACRO_MICRO[HCN/macro:1; HCN/micro:2]
9	MIP_NL__2PWDSI20060813_233157_000050402050_00188_23288_1000.N1	13AUG2006 23:31:57	14AUG2006 00:55:58	0	111/111	VMR_TERM_MACRO_MICRO[HCN/micro:2]

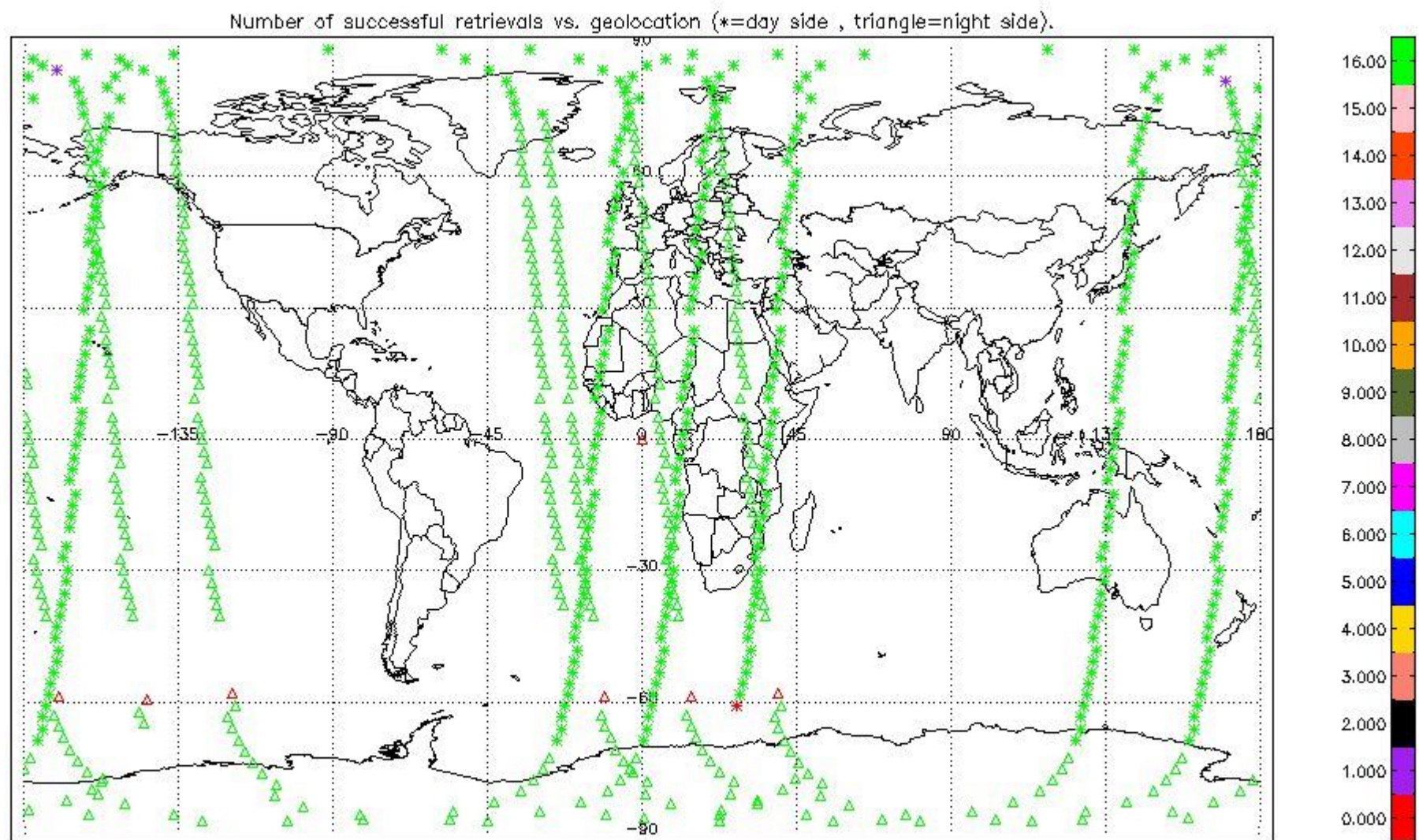
## 2.2 Processing performance indicators

### 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.

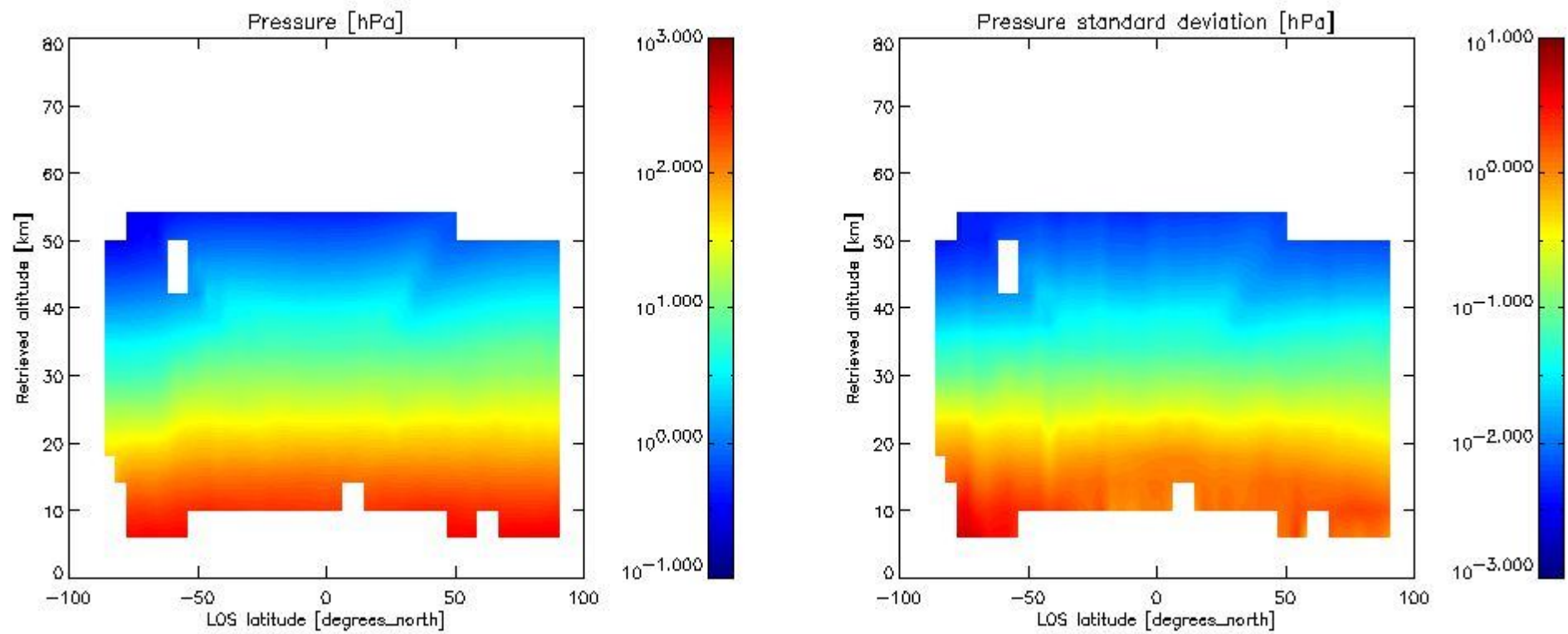
RETRIEVAL MDS	# scans processed	# Successful retrievals	%
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PT	1002	792	79.042
H2O	1002	790	78.842
O3	1002	790	78.842
HNO3	1002	790	78.842
CH4	1002	790	78.842
N2O	1002	790	78.842
NO2	1002	790	78.842
F11	1002	790	78.842
CLNO	1002	790	78.842
N2O5	1002	790	78.842
F12	1002	790	78.842
COF2	1002	790	78.842
CCL4	1002	790	78.842
HCN	1002	790	78.842
F14	1002	790	78.842
F22	1002	790	78.842



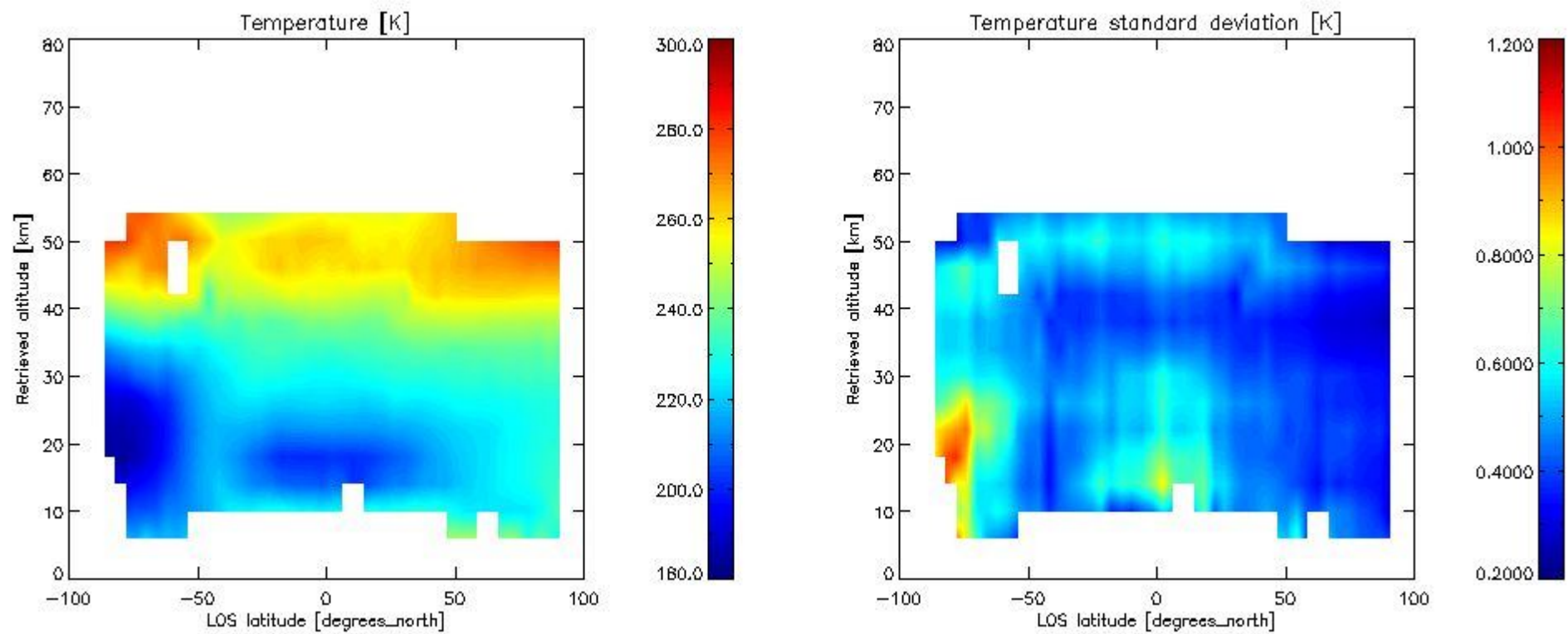
## 2.2.2 Pressure overview

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



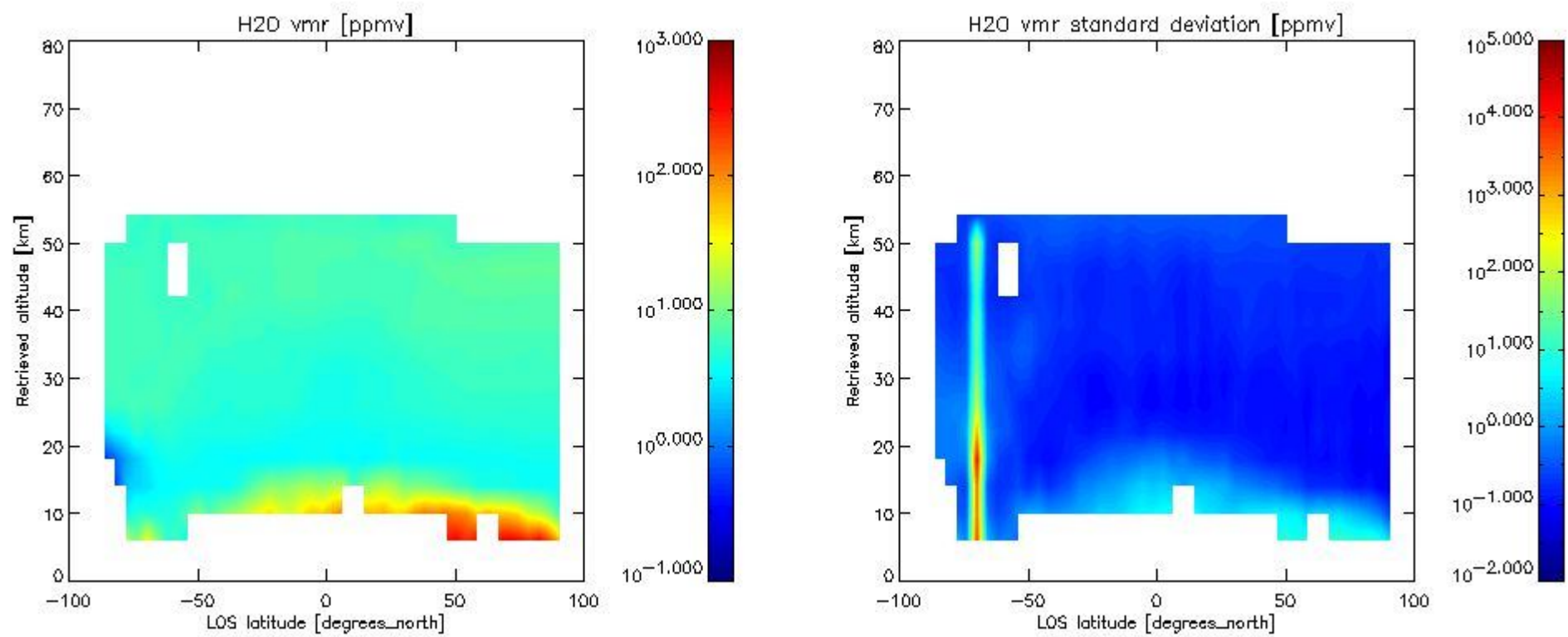
### 2.2.3 Temperature overview

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

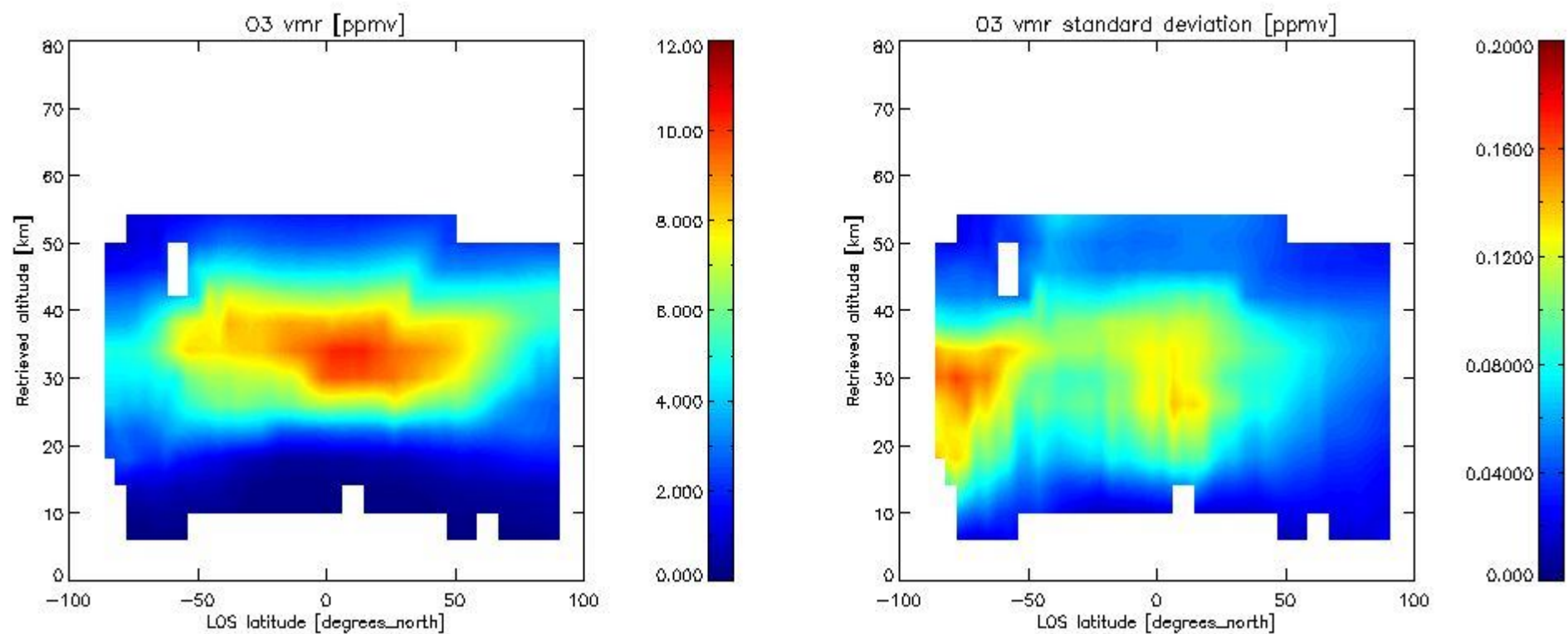


### 2.2.4 Species overview

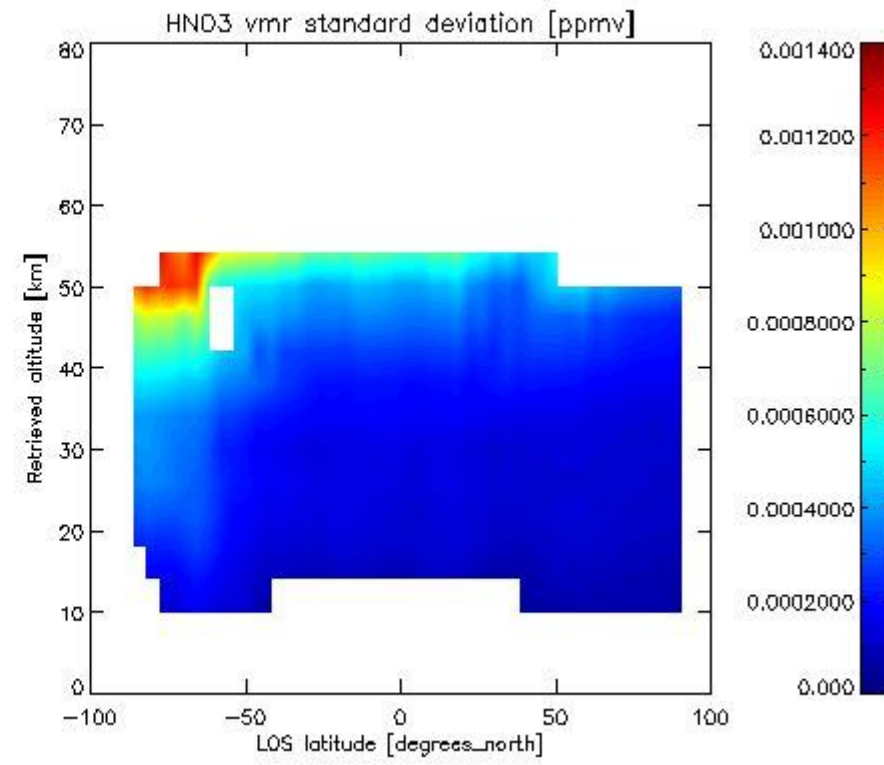
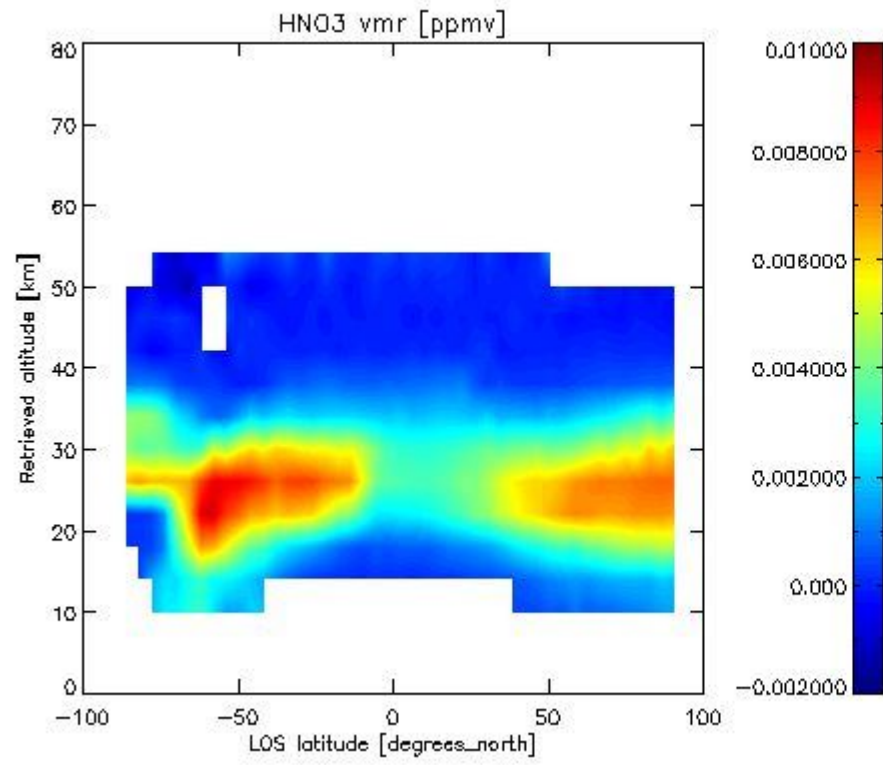
**2.2.4.1 H2O overview** This section shows values (left) and error (right) for H2O after binning individual sweep values over retrieved altitude and tangent latitude.



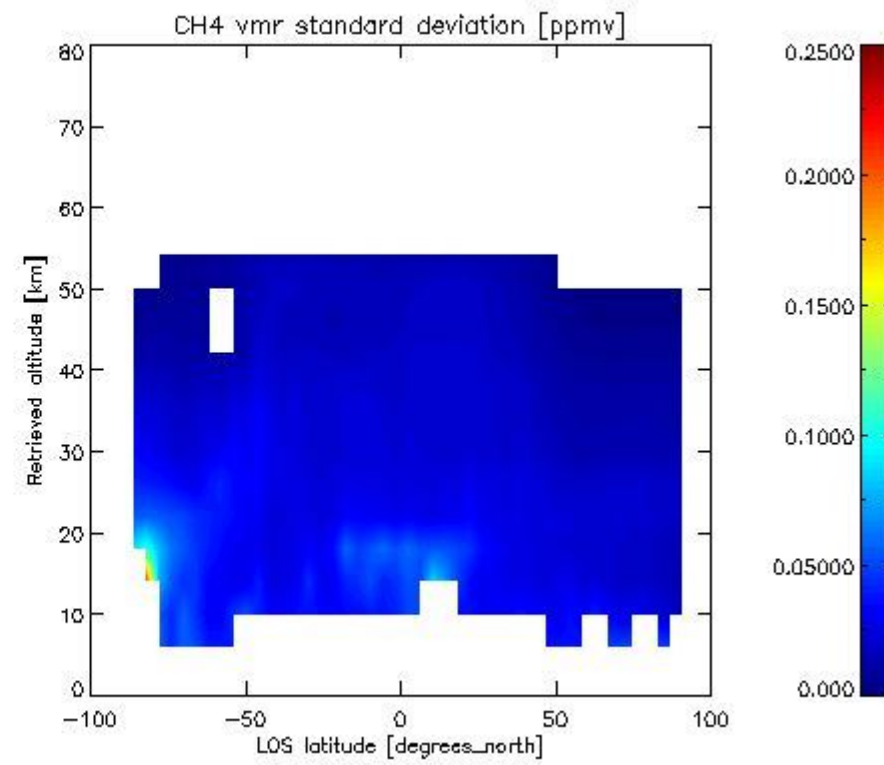
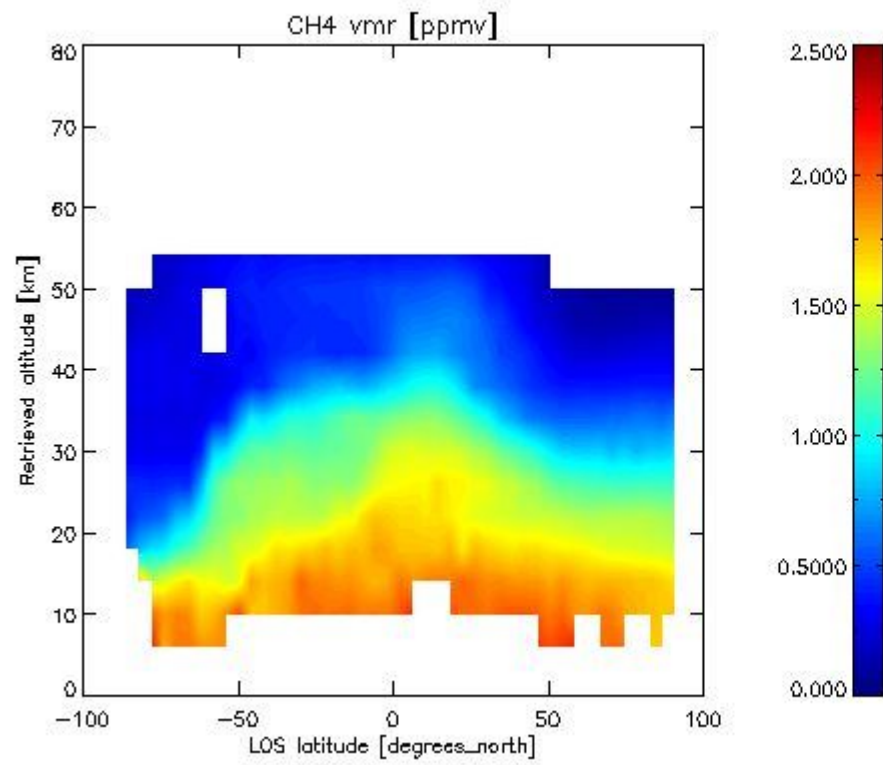
2.2.4.2 O3 overview This section shows values (left) and error (right) for O3 after binning individual sweep values over retrieved altitude and tangent latitude.



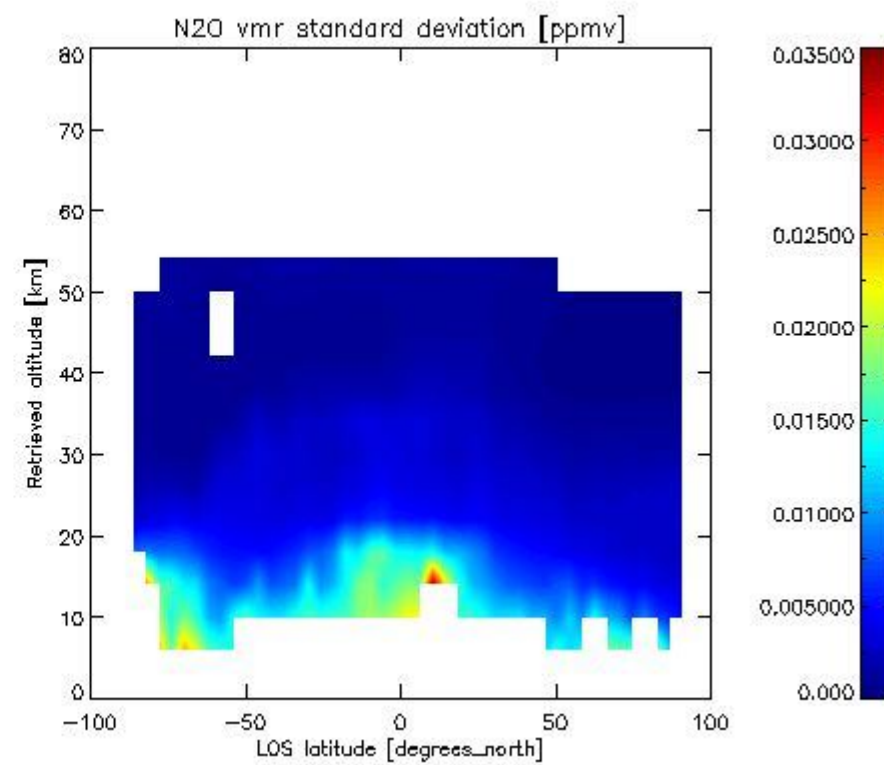
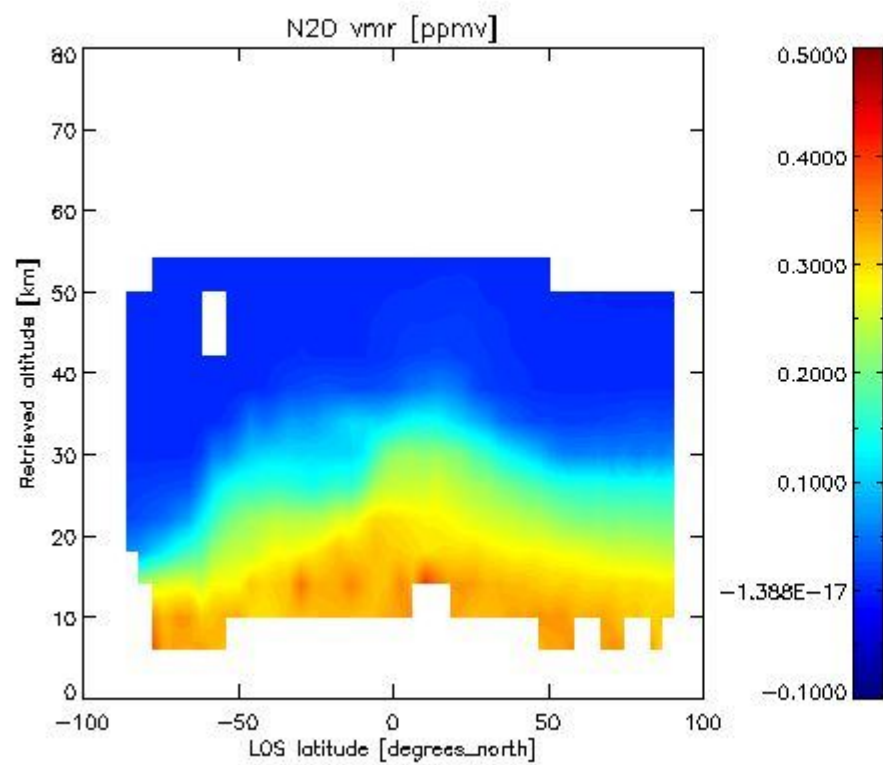
2.2.4.3 HNO3 overview This section shows values (left) and error (right) for HNO3 after binning individual sweep values over retrieved altitude and tangent latitude.



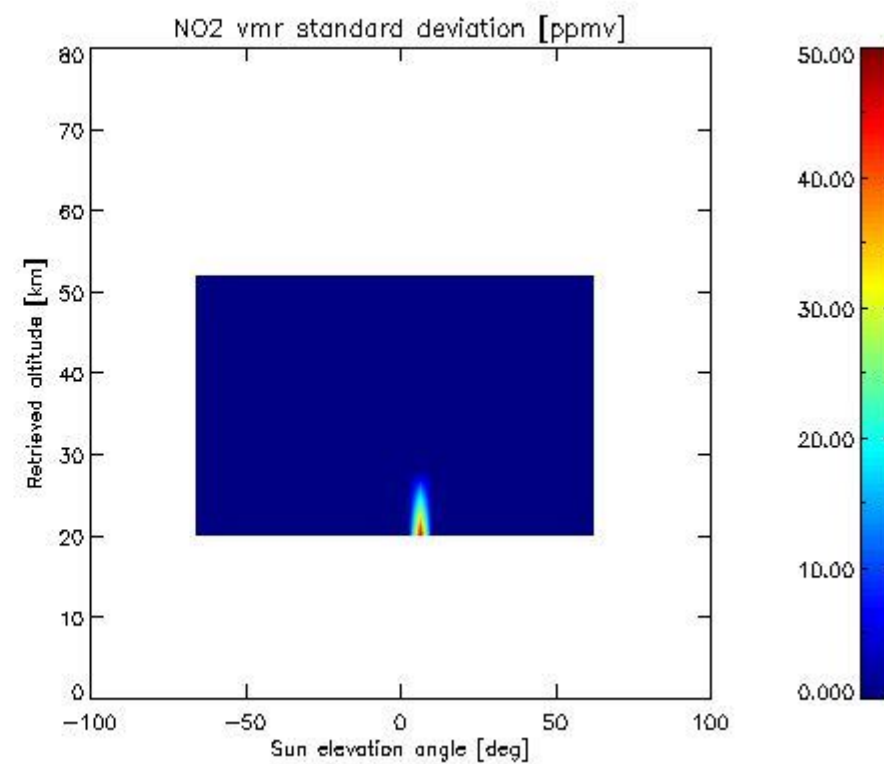
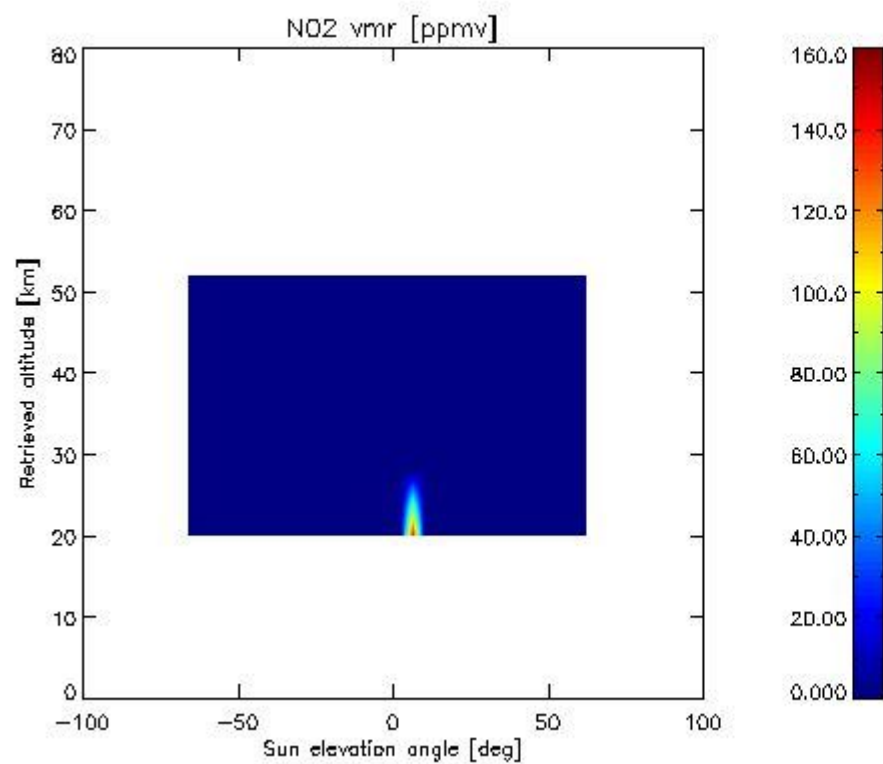
2.2.4.4 CH<sub>4</sub> overview This section shows values (left) and error (right) for CH<sub>4</sub> after binning individual sweep values over retrieved altitude and tangent latitude.



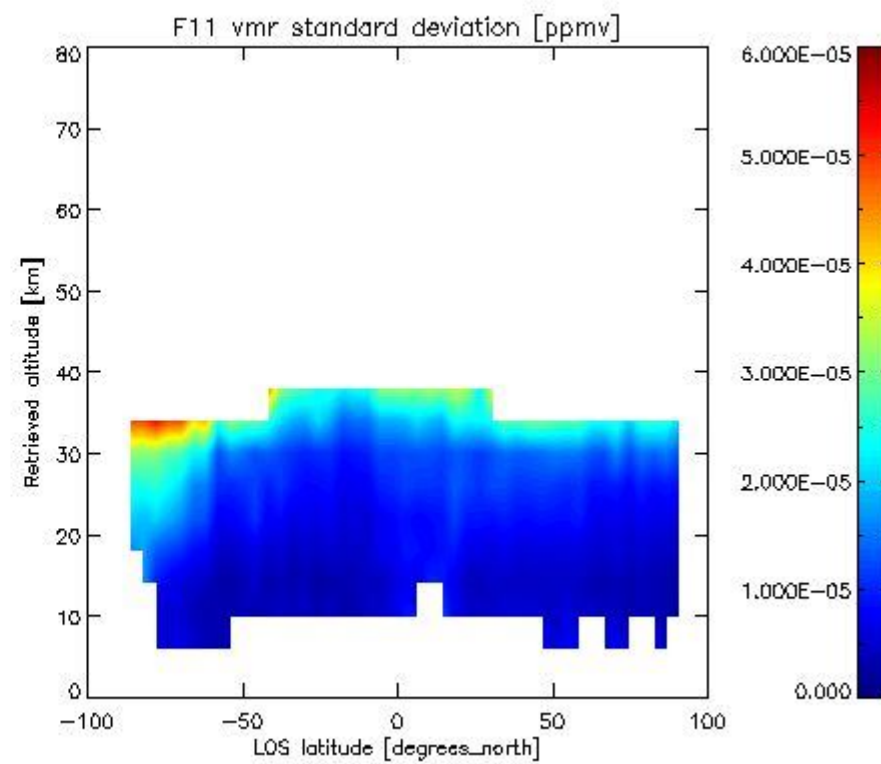
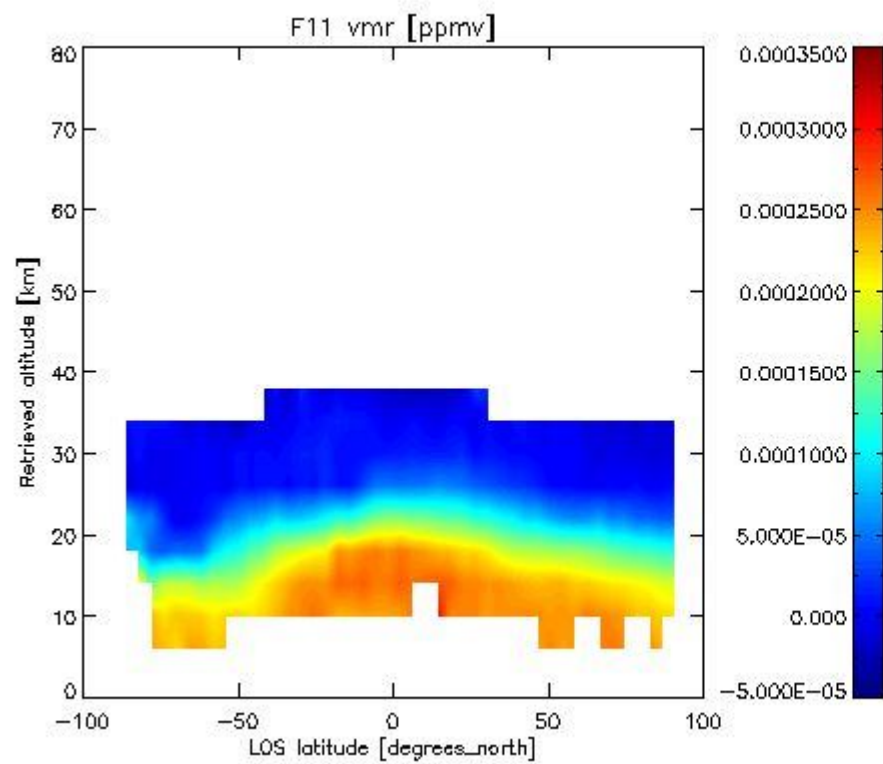
2.2.4.5 N<sub>2</sub>O overview This section shows values (left) and error (right) for N<sub>2</sub>O after binning individual sweep values over retrieved altitude and tangent latitude.



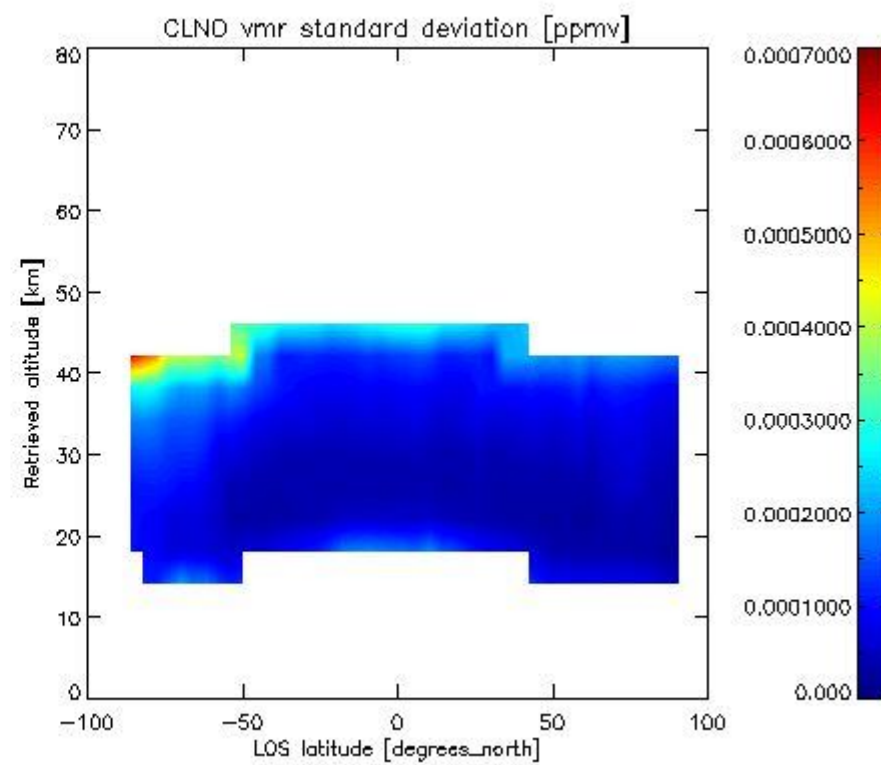
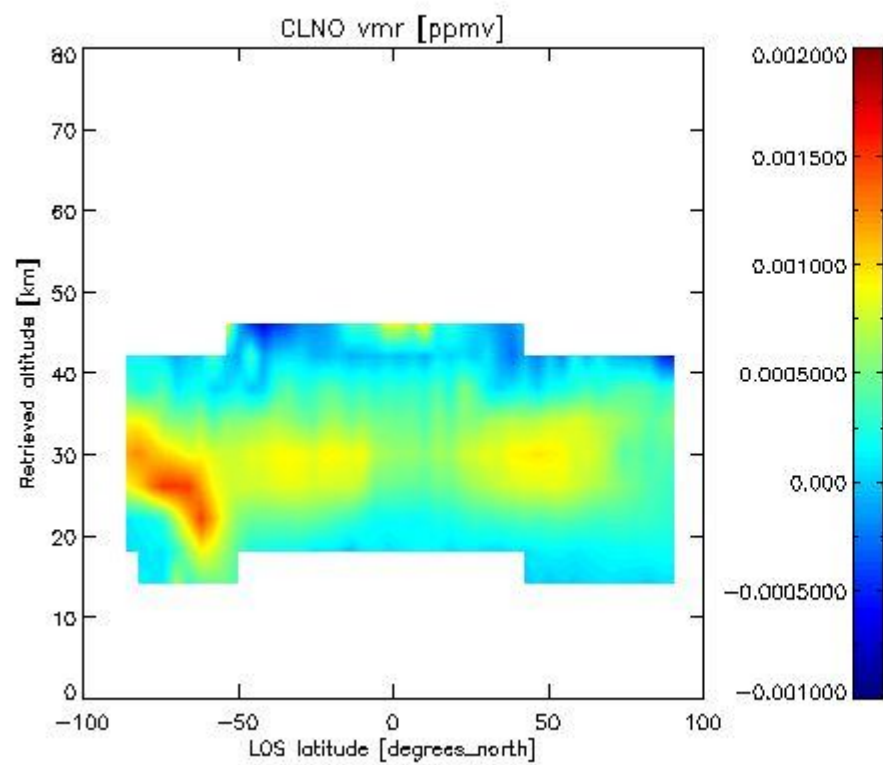
2.2.4.6 NO2 overview This section shows values (left) and error (right) for NO2 after binning individual sweep values over retrieved altitude and Sun Elevation Angle. Note that for NO2 the bin heights are 8 km.

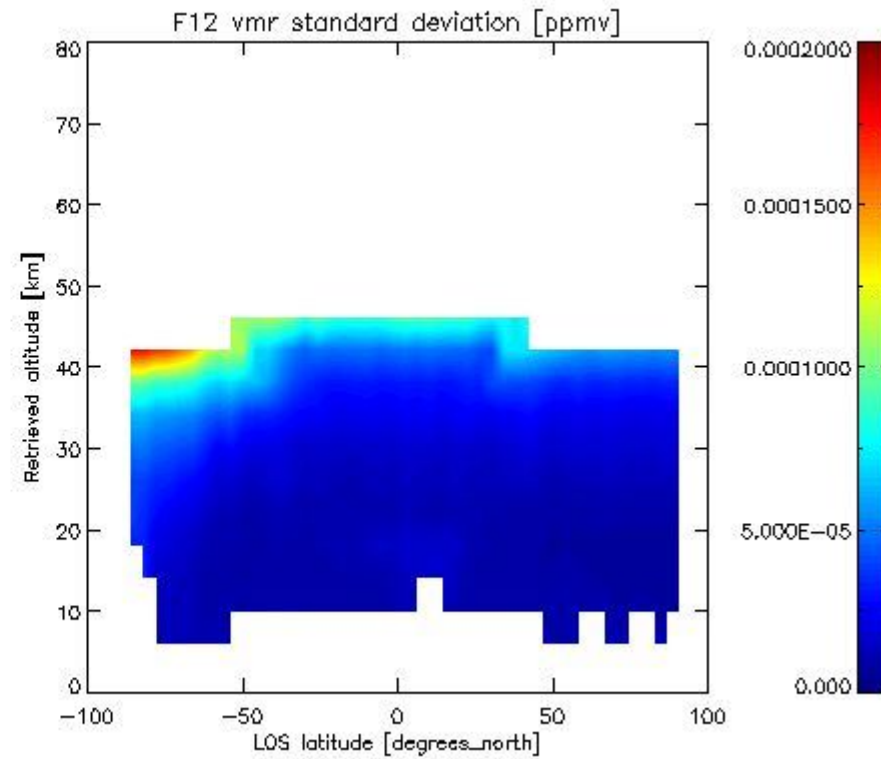
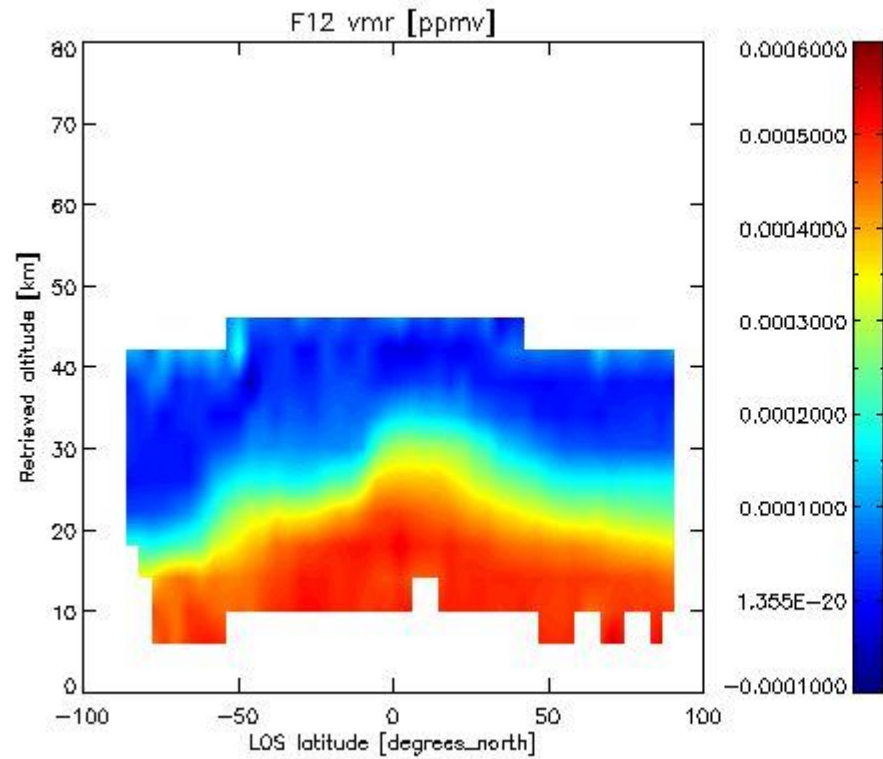
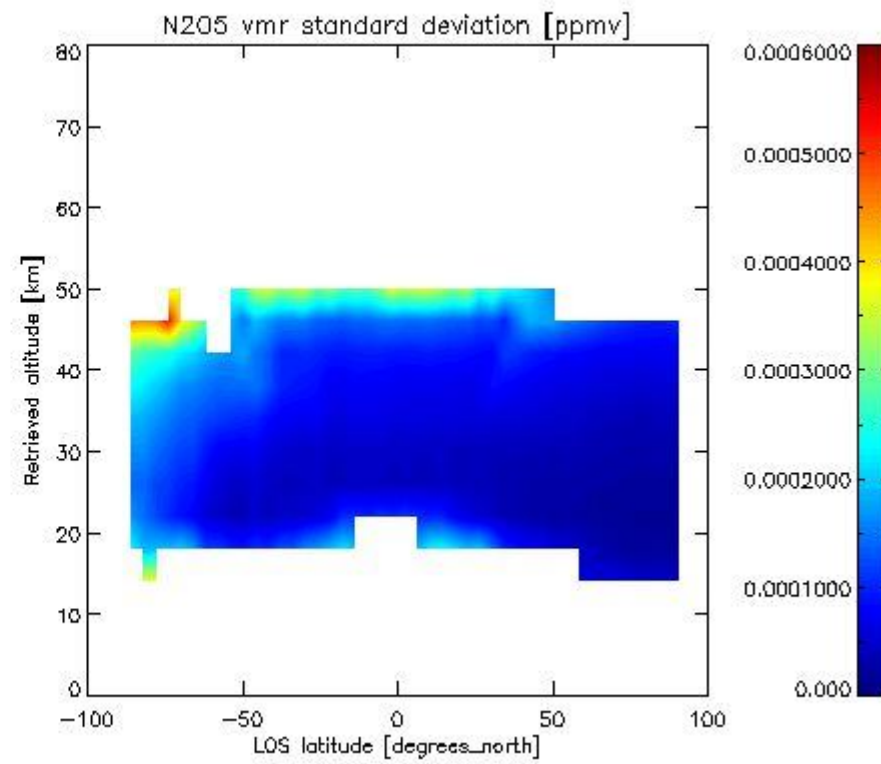
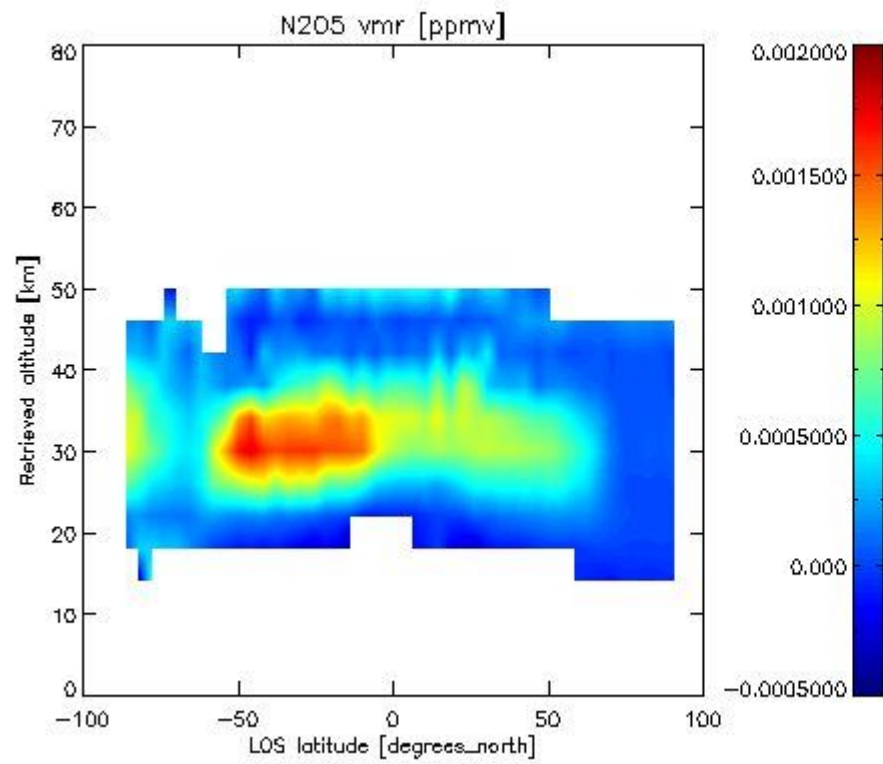


2.2.4.7 F11 overview This section shows values (left) and error (right) for F11 after binning individual sweep values over retrieved altitude and tangent latitude.

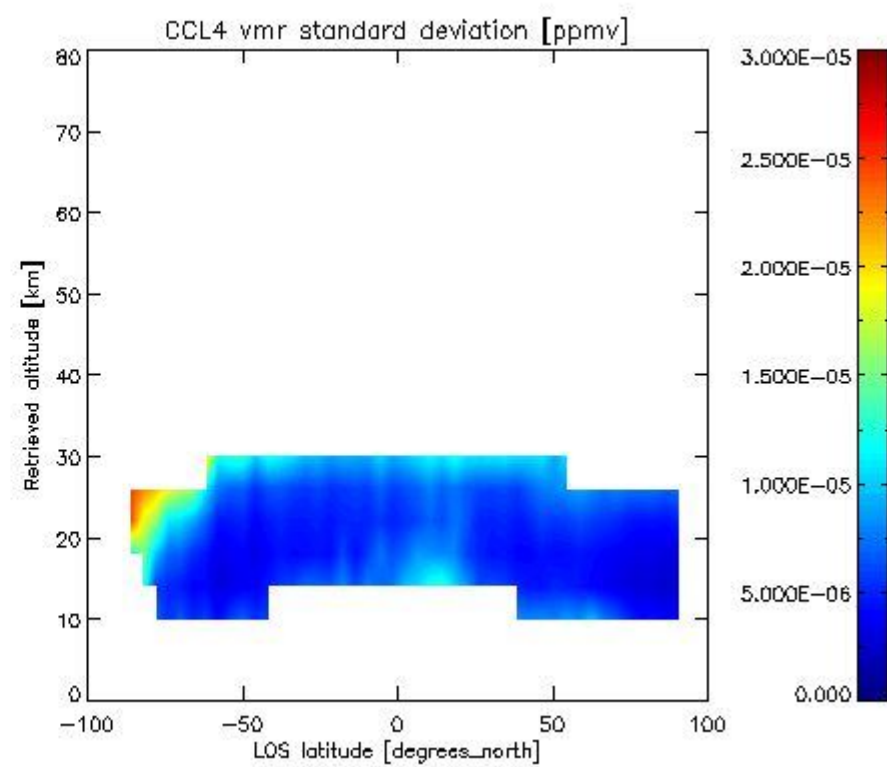
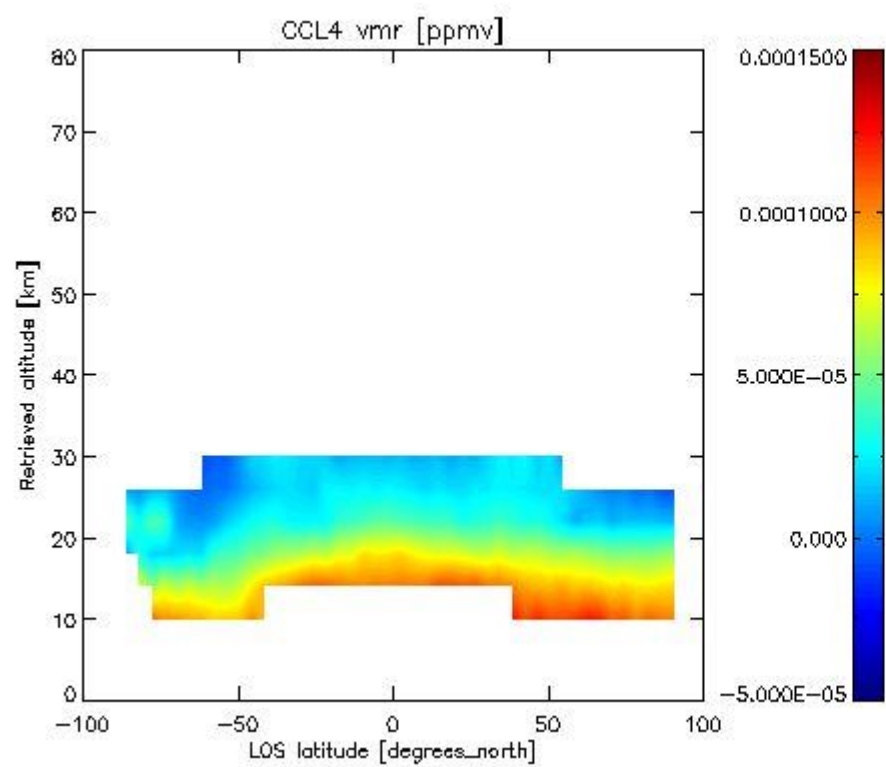
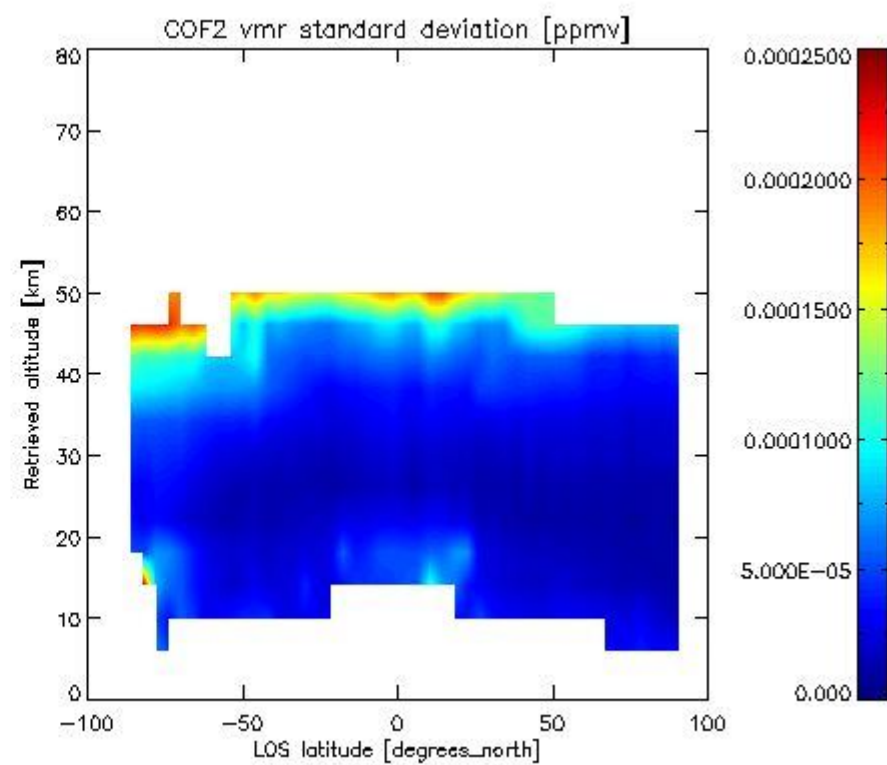
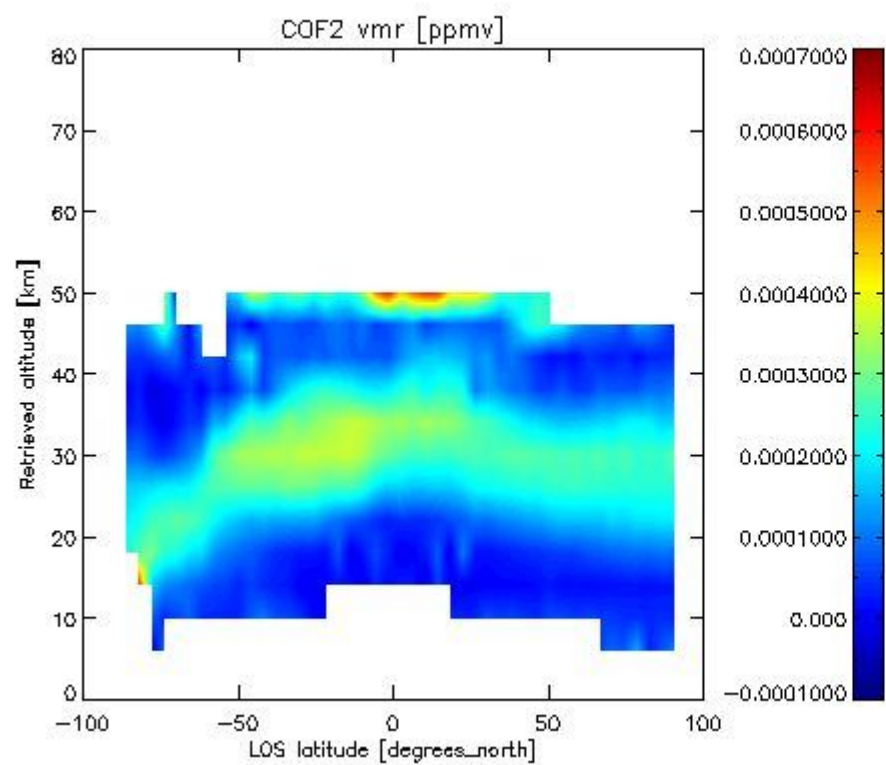


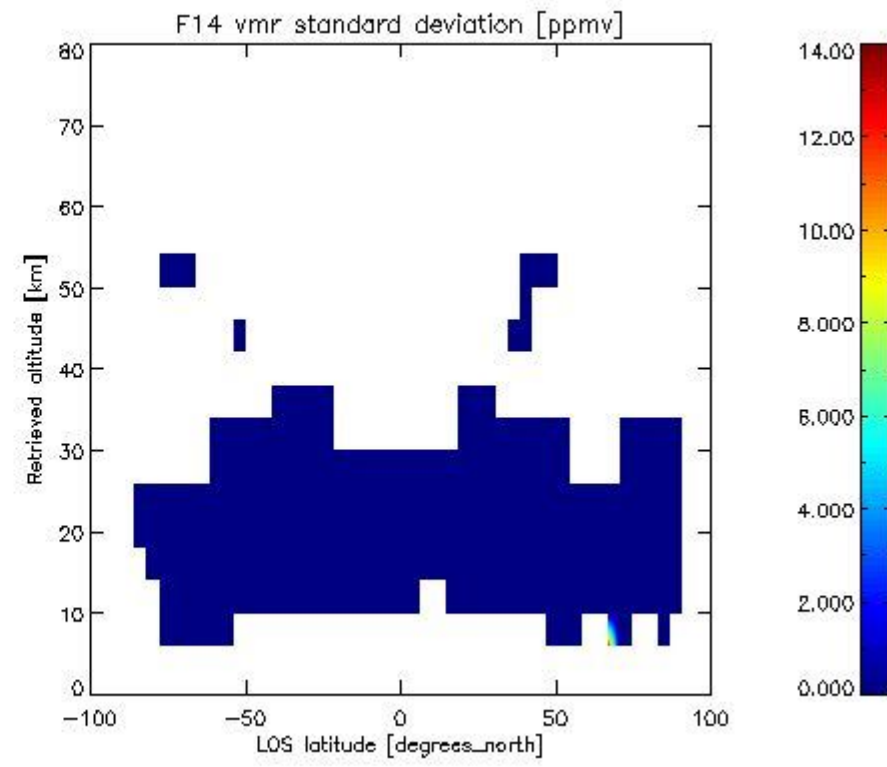
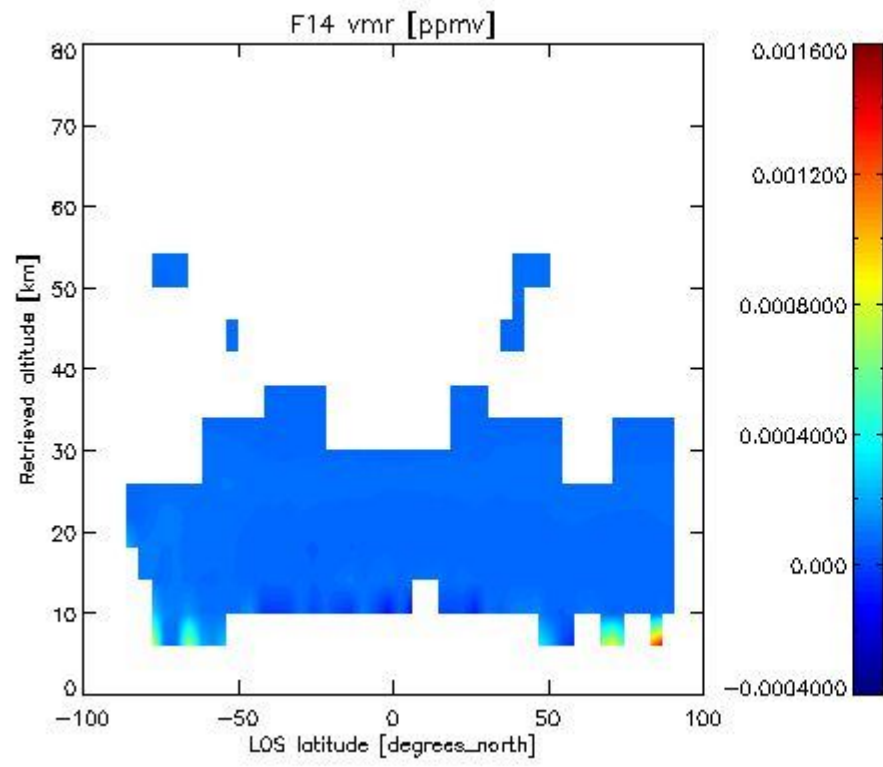
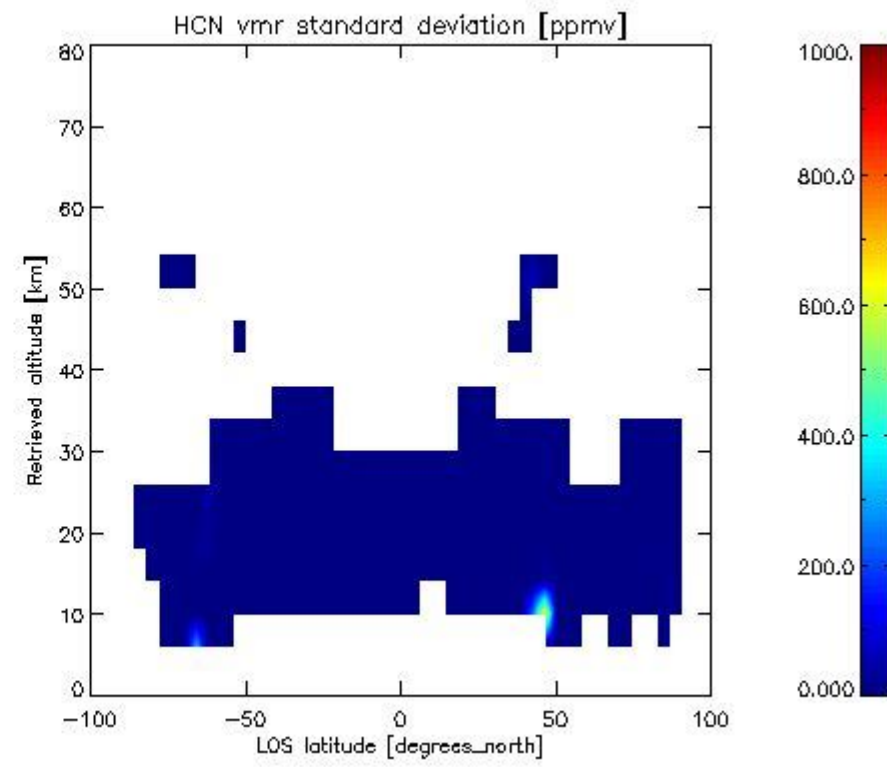
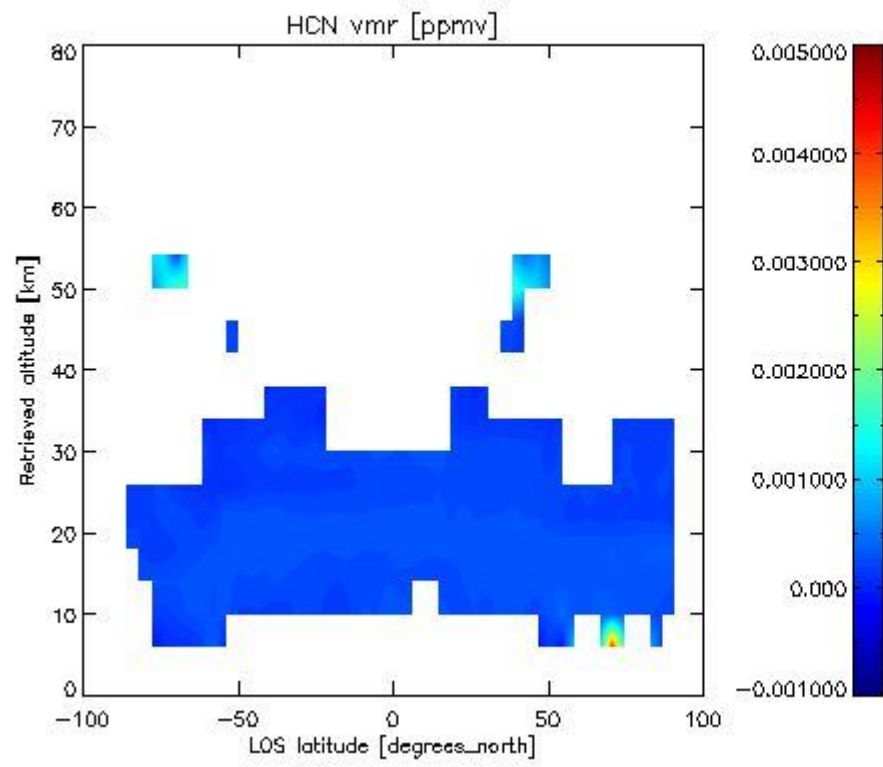
2.3.4.4 CLNO vmr: This section shows values (left) and error (right) for CLNO after binning individual vmr values over retrieved altitude and target latitude.

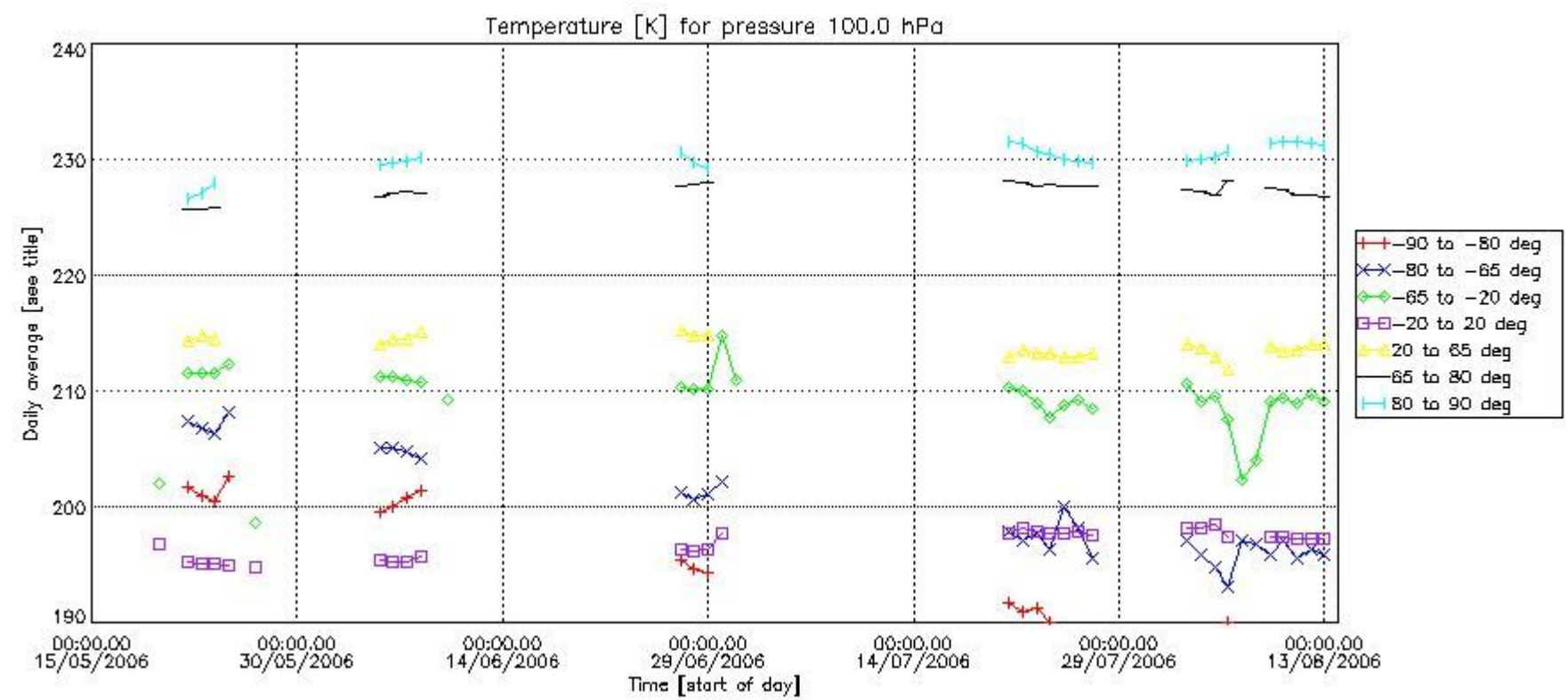
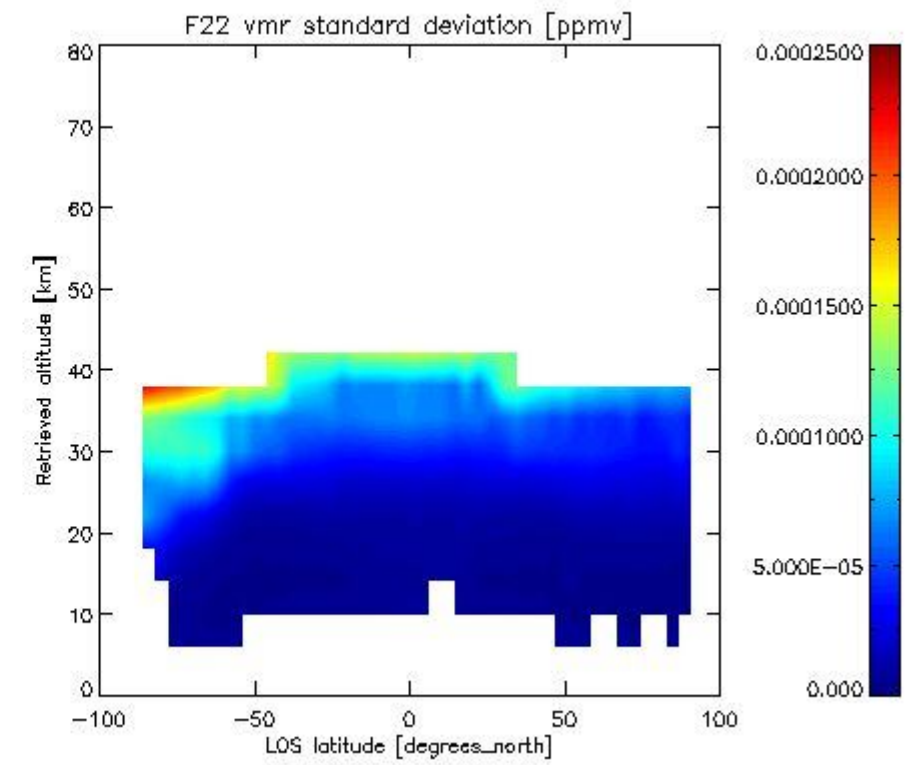
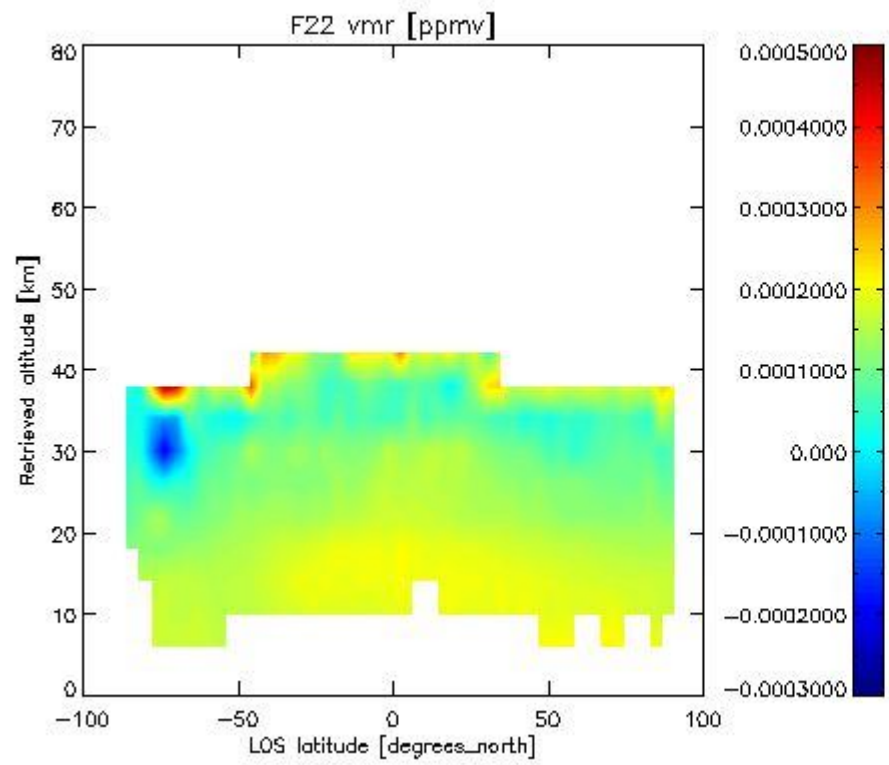


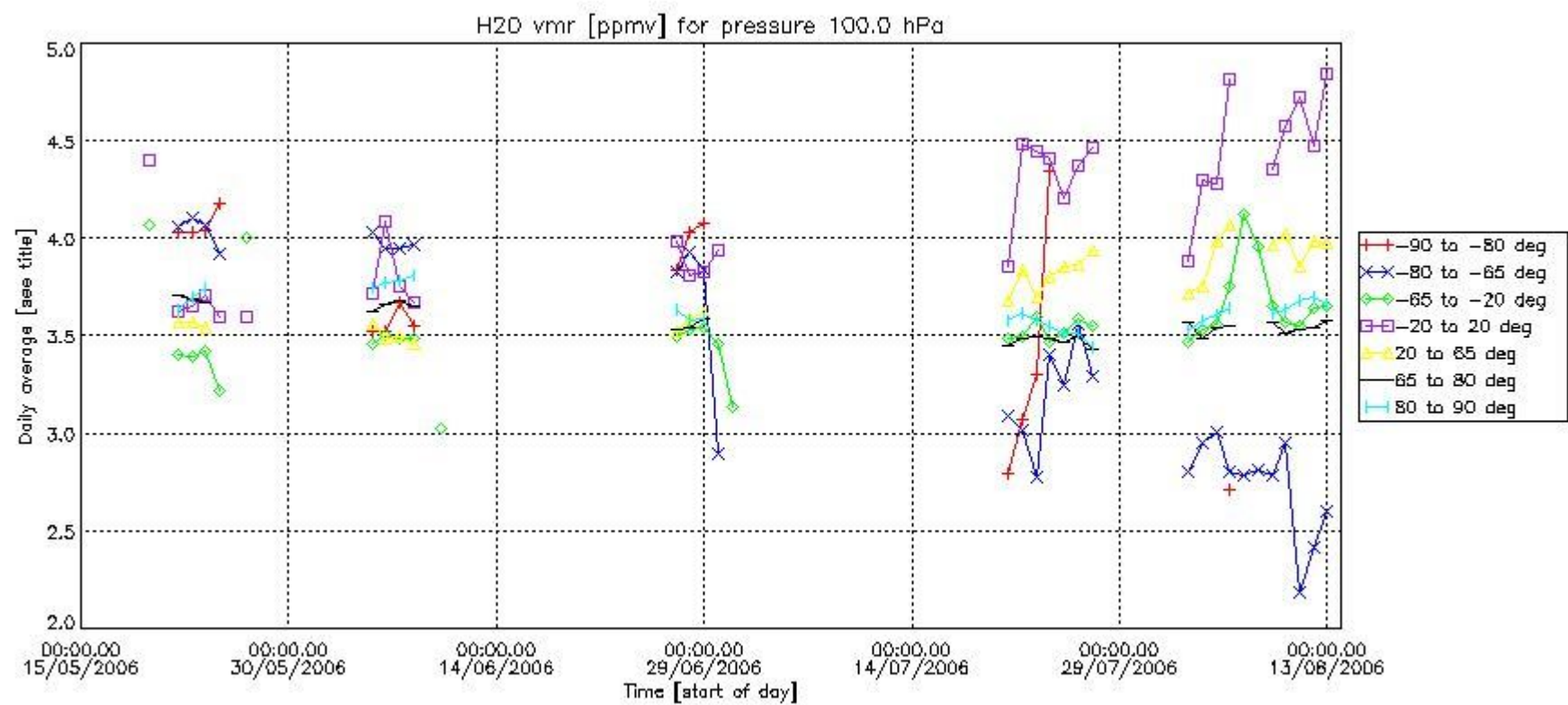
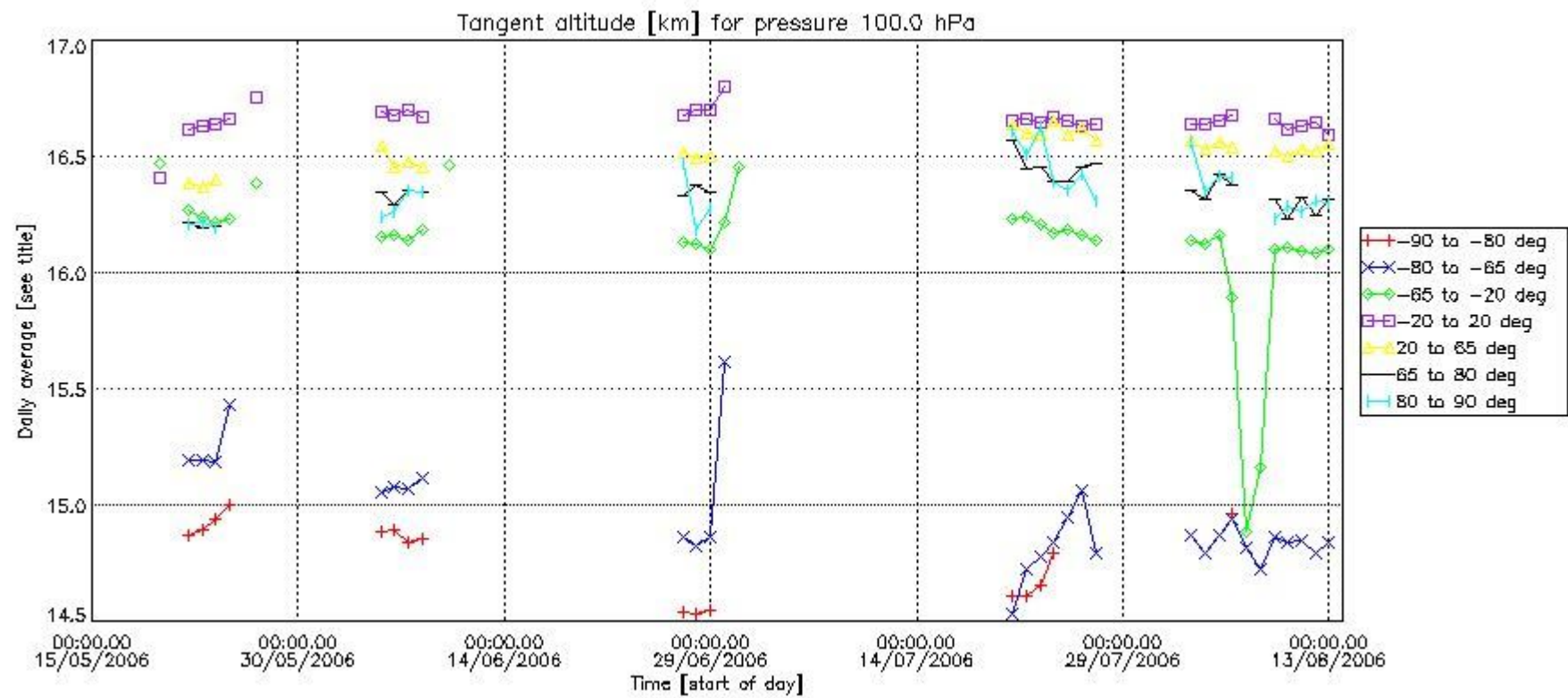


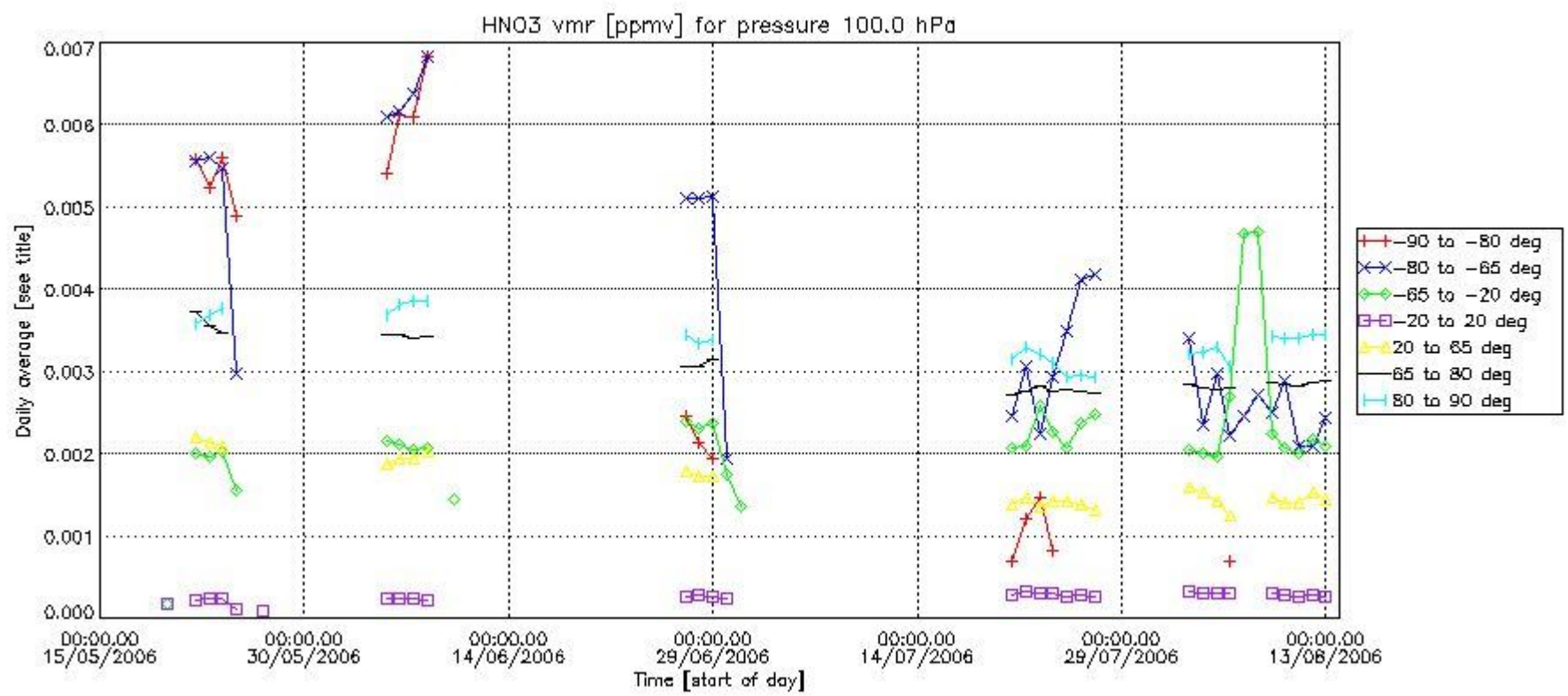
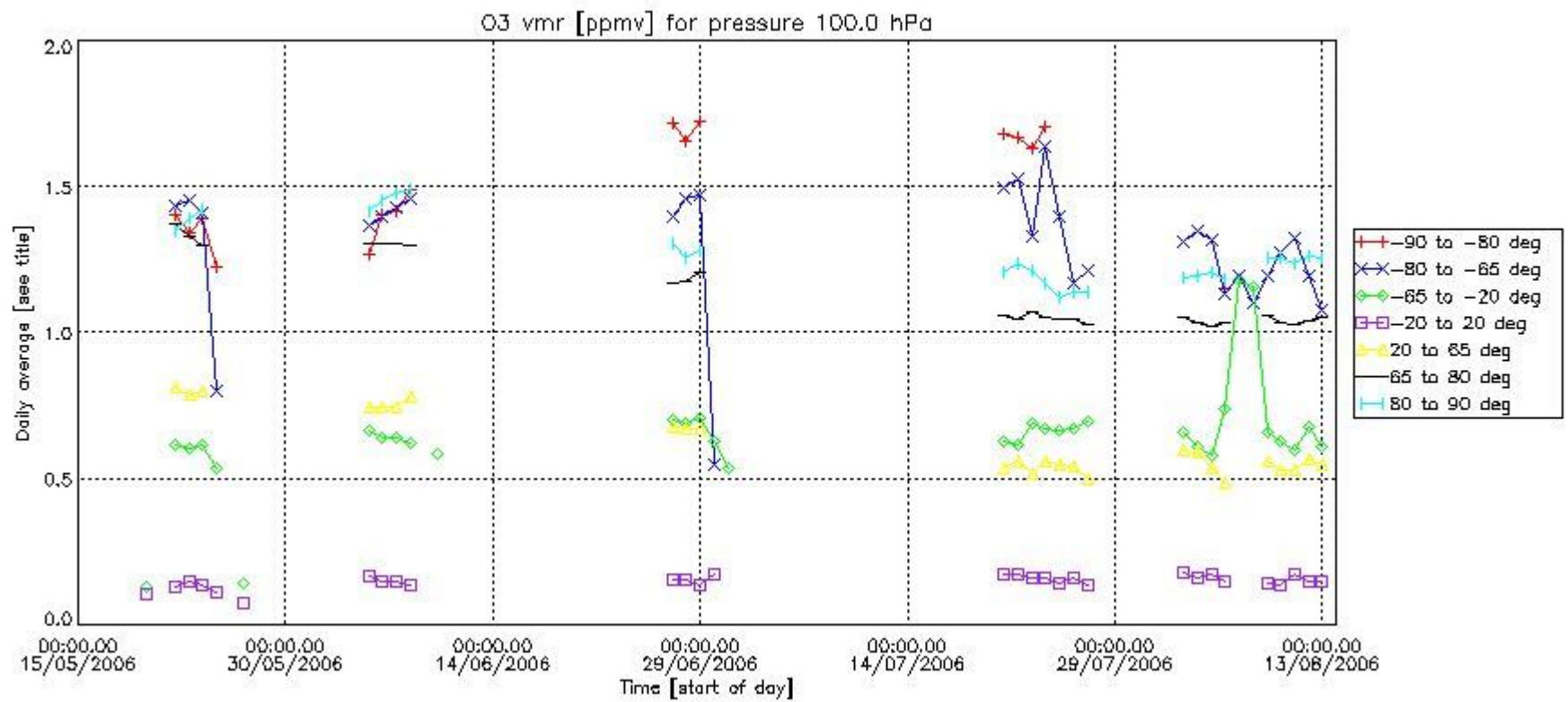


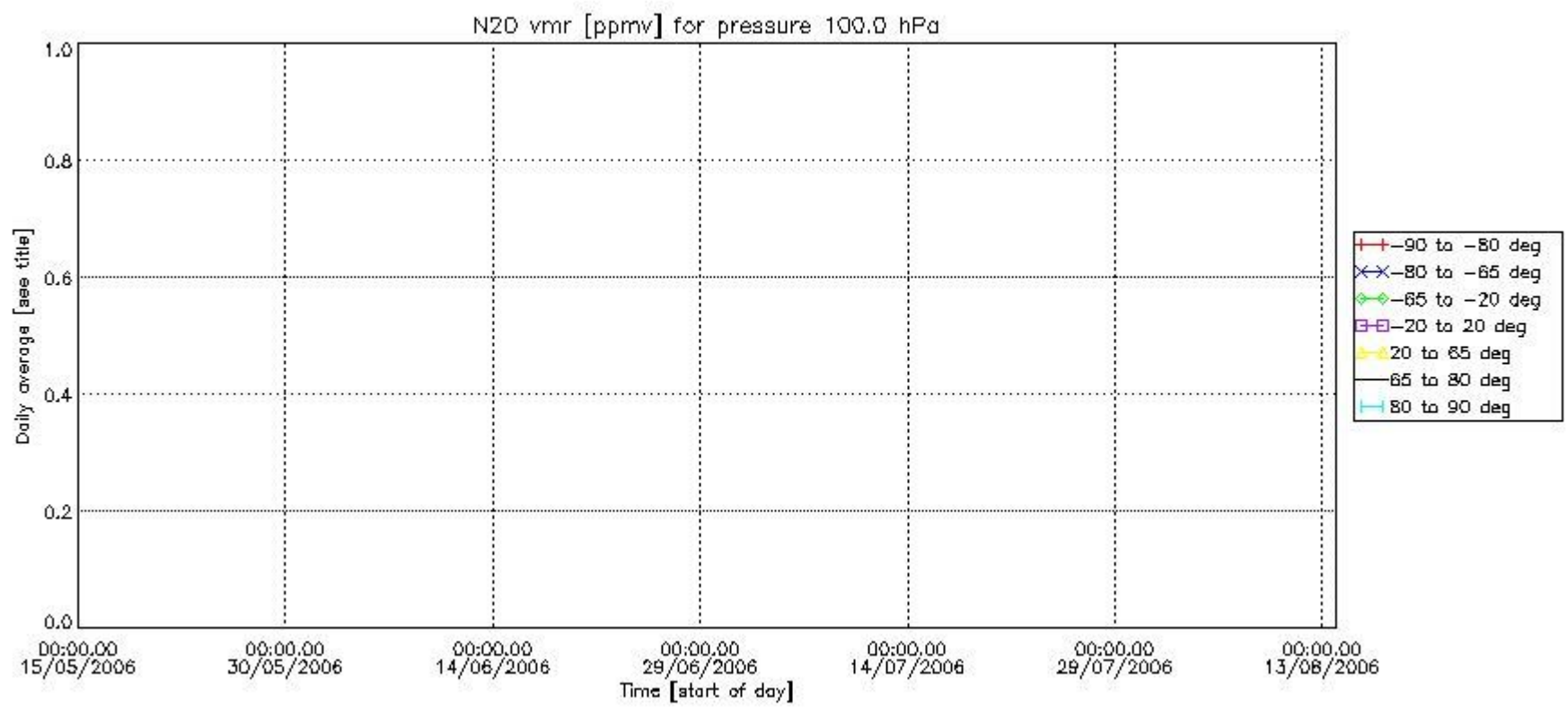
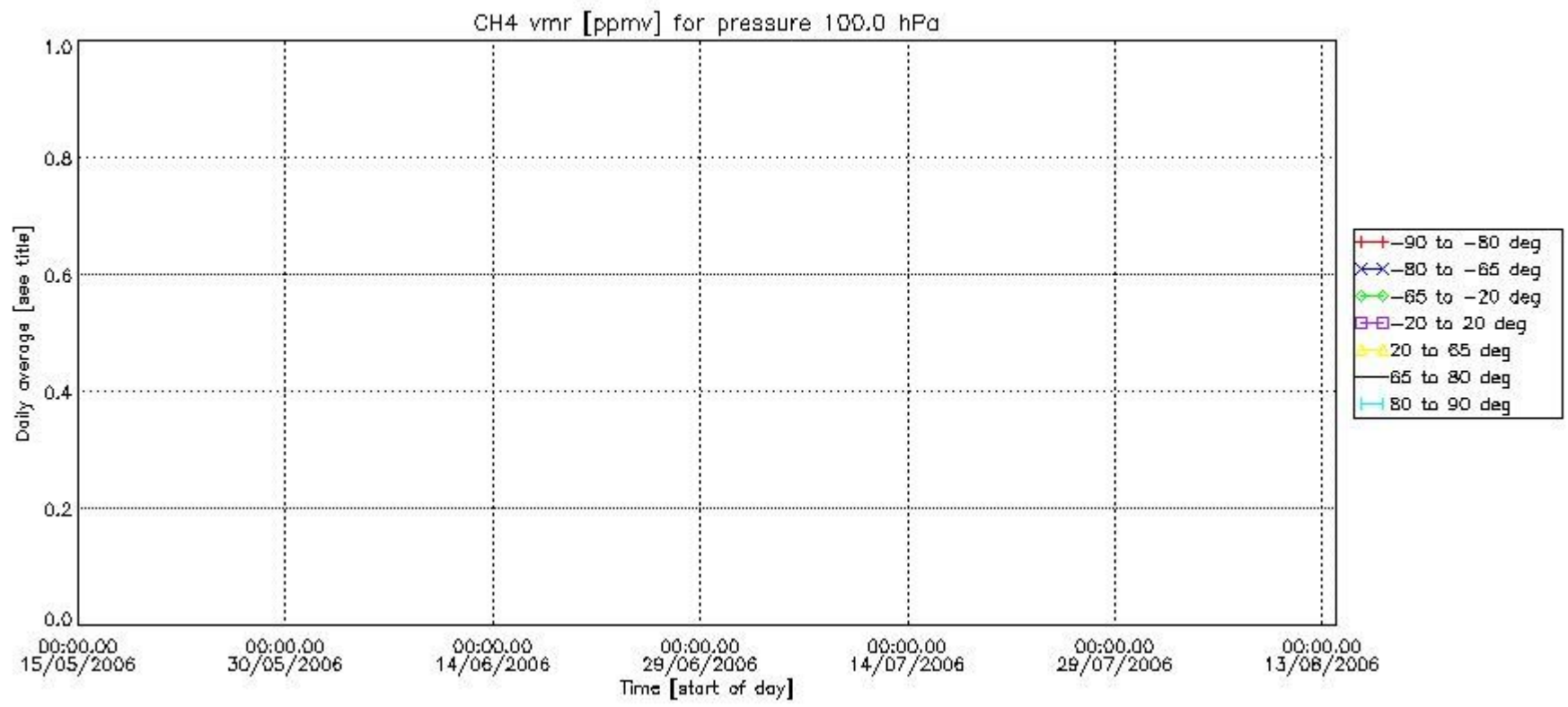


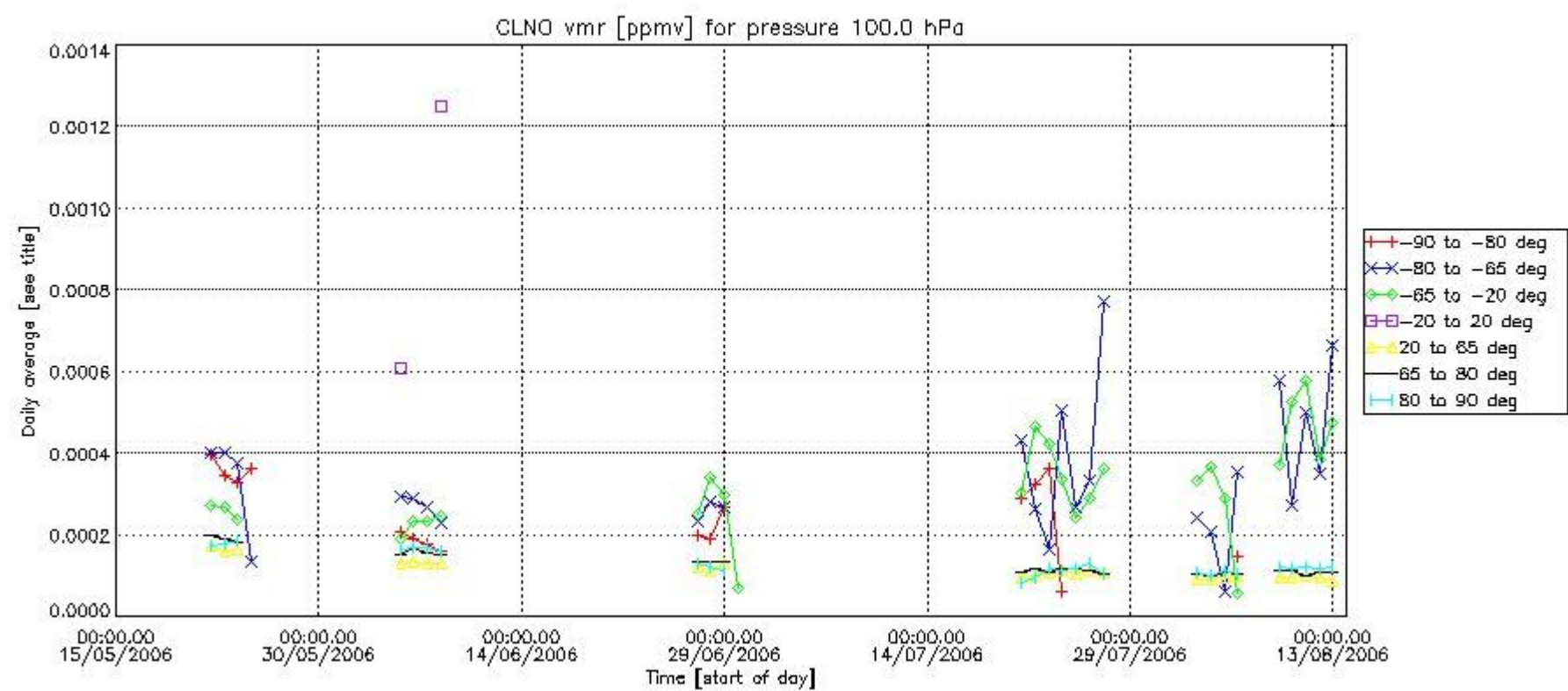
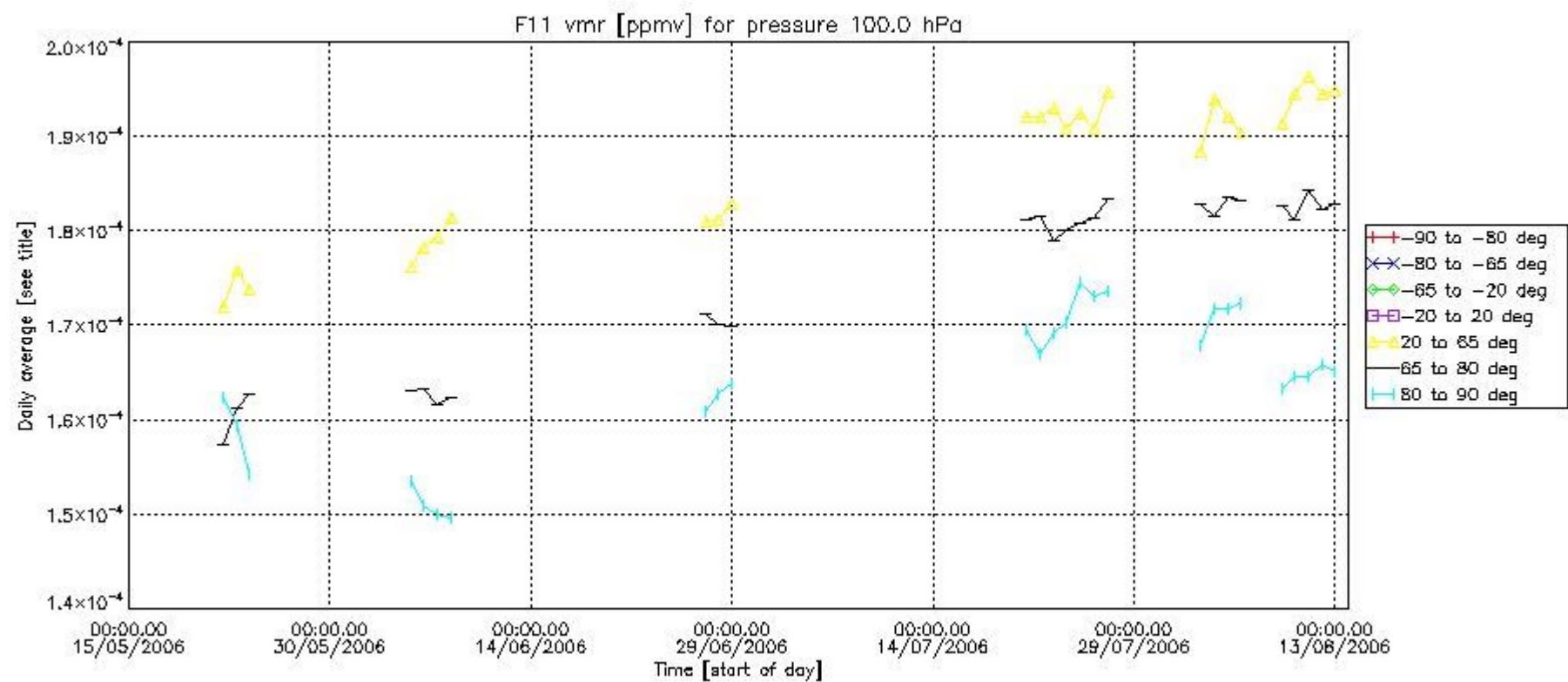


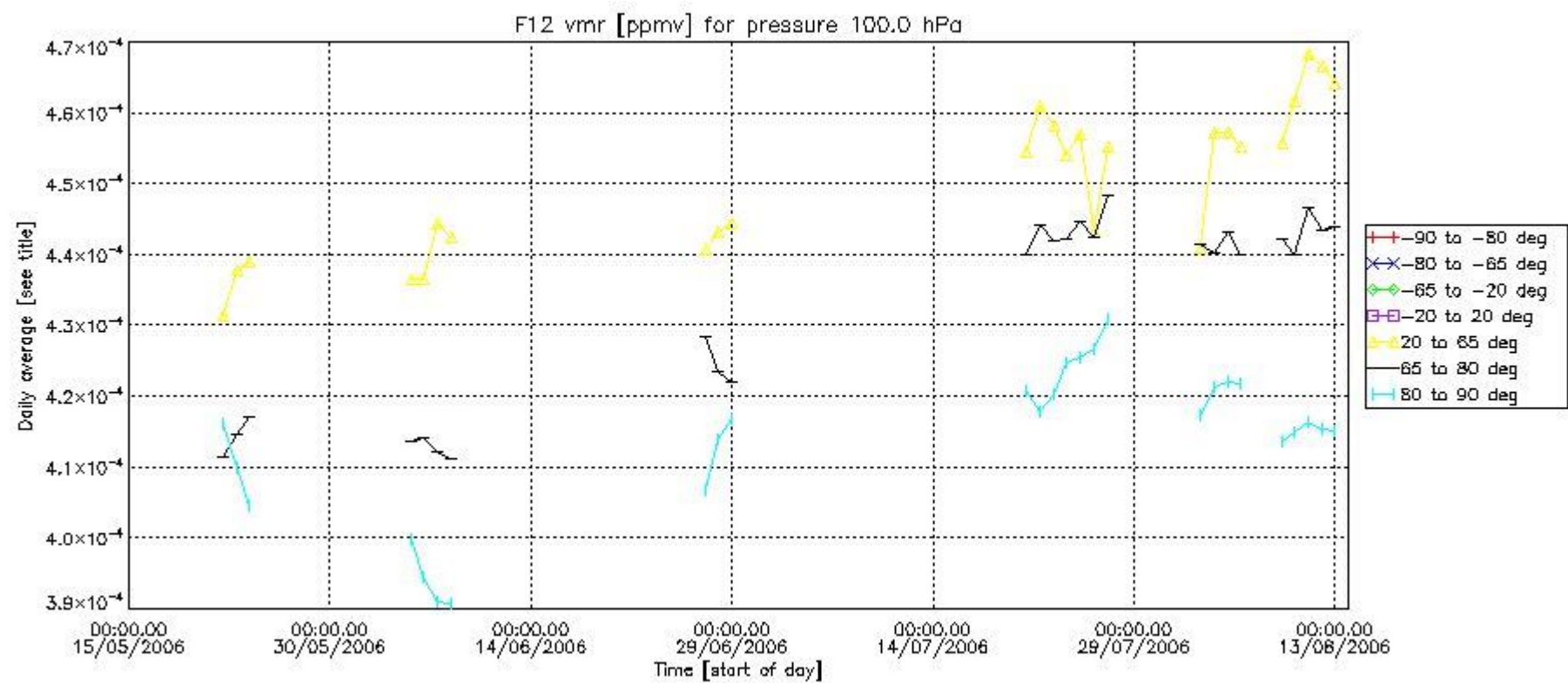
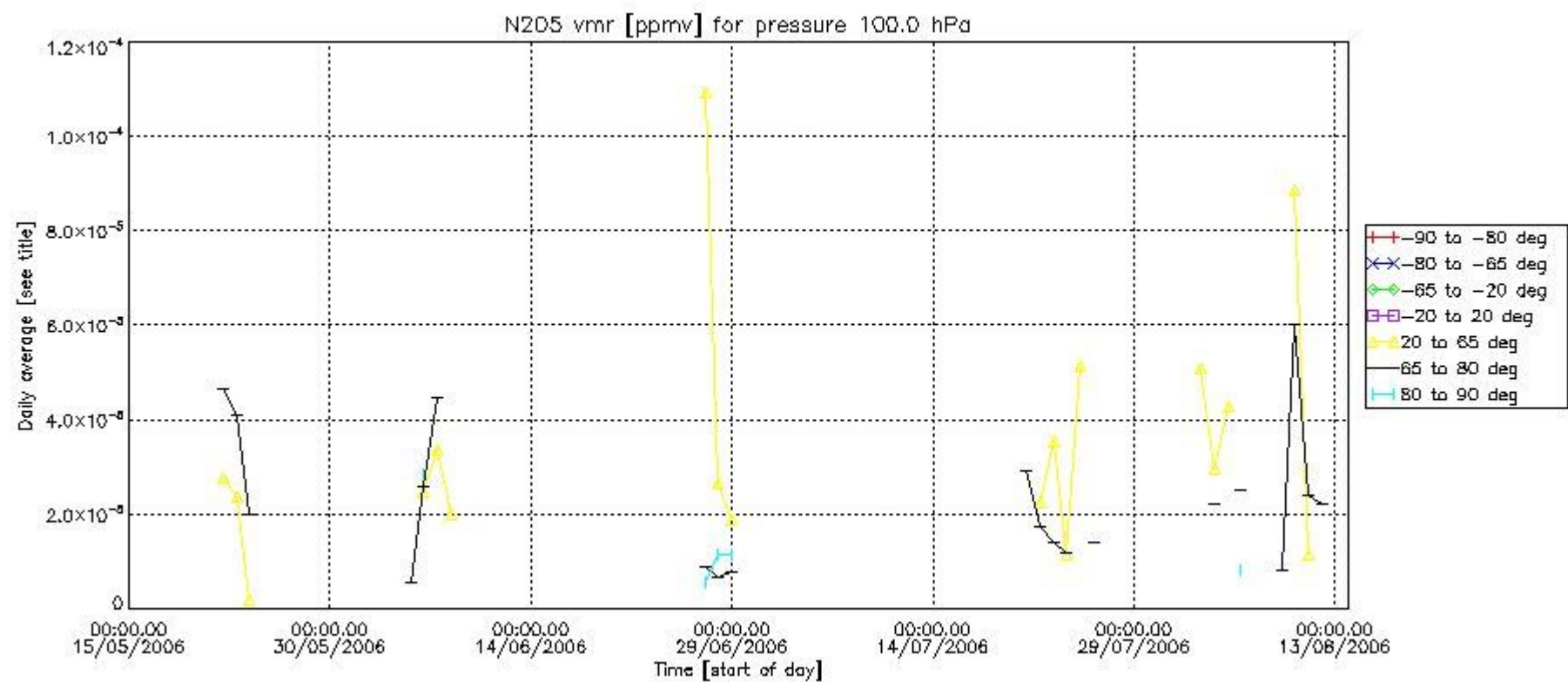




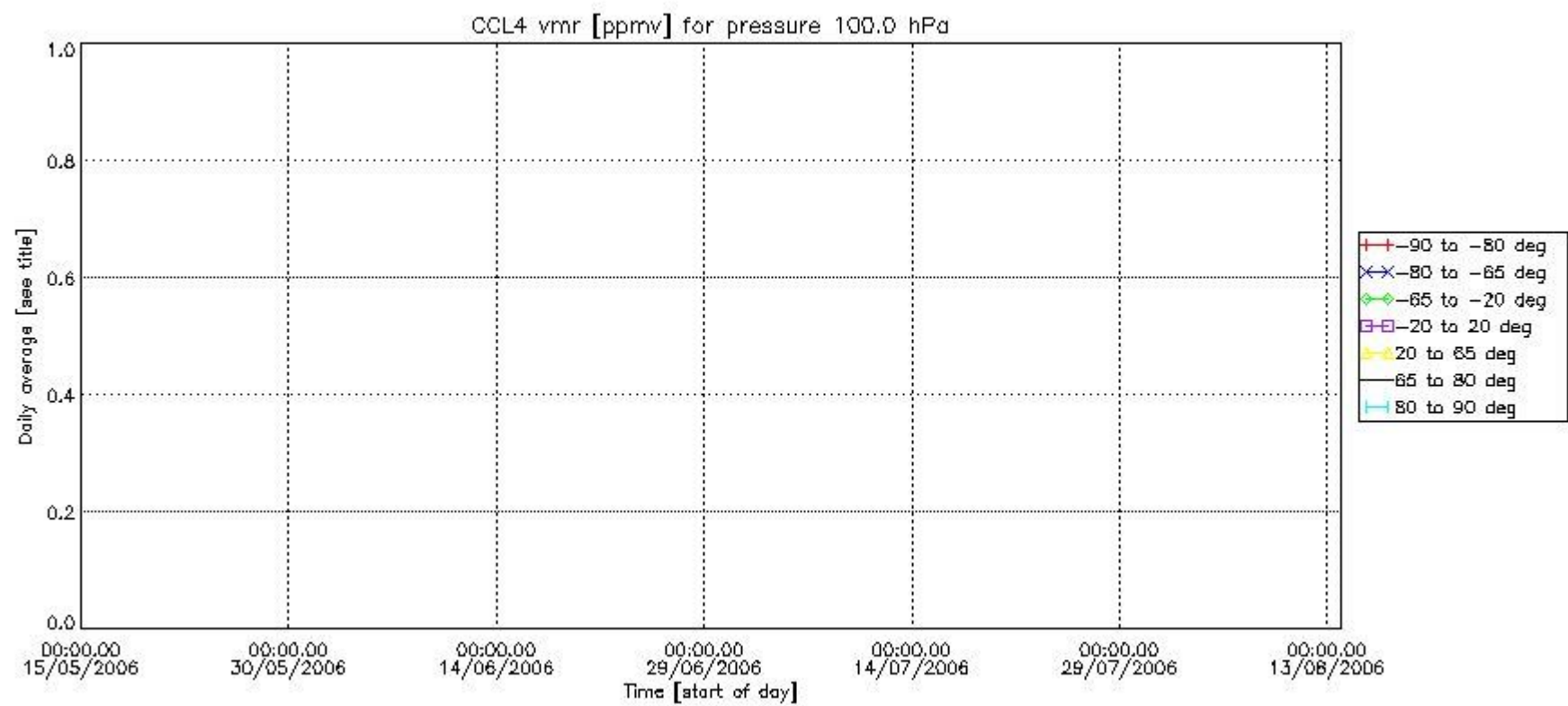
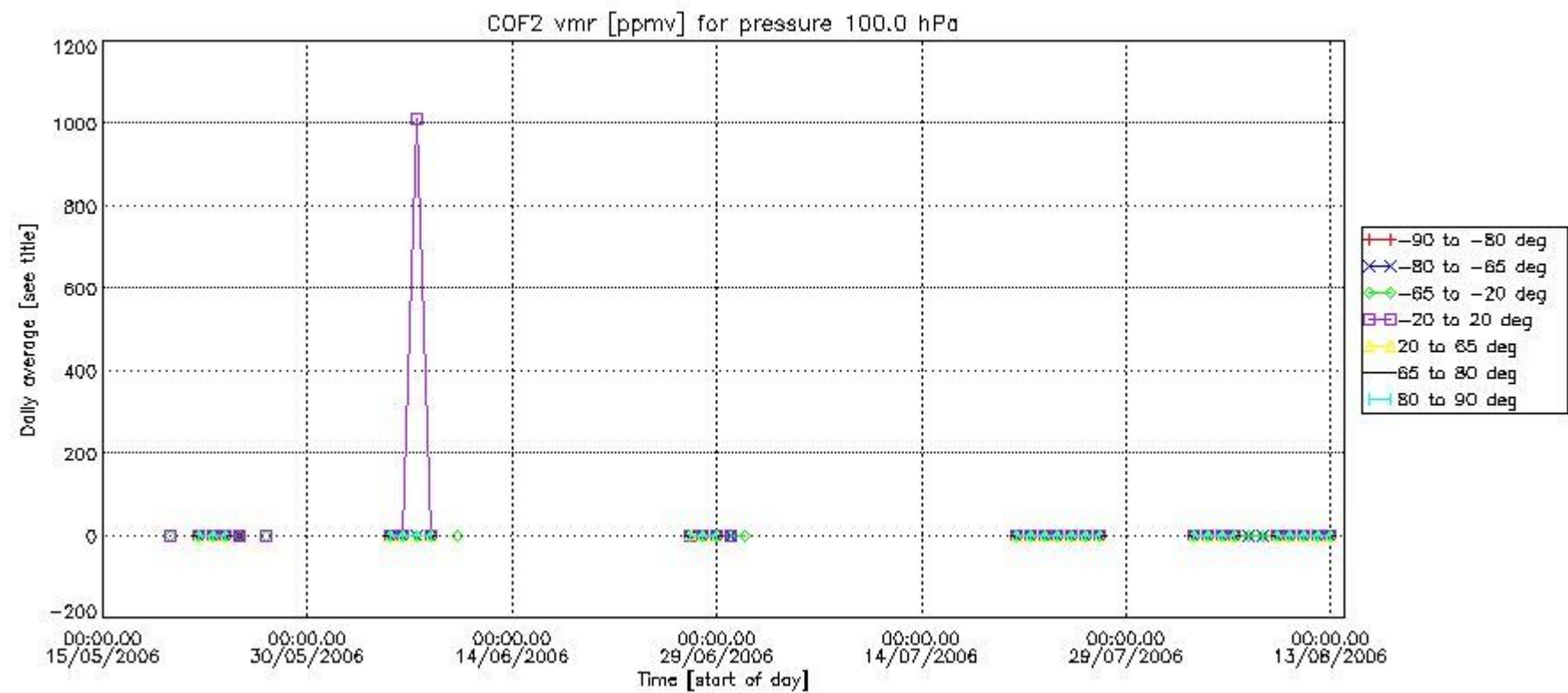


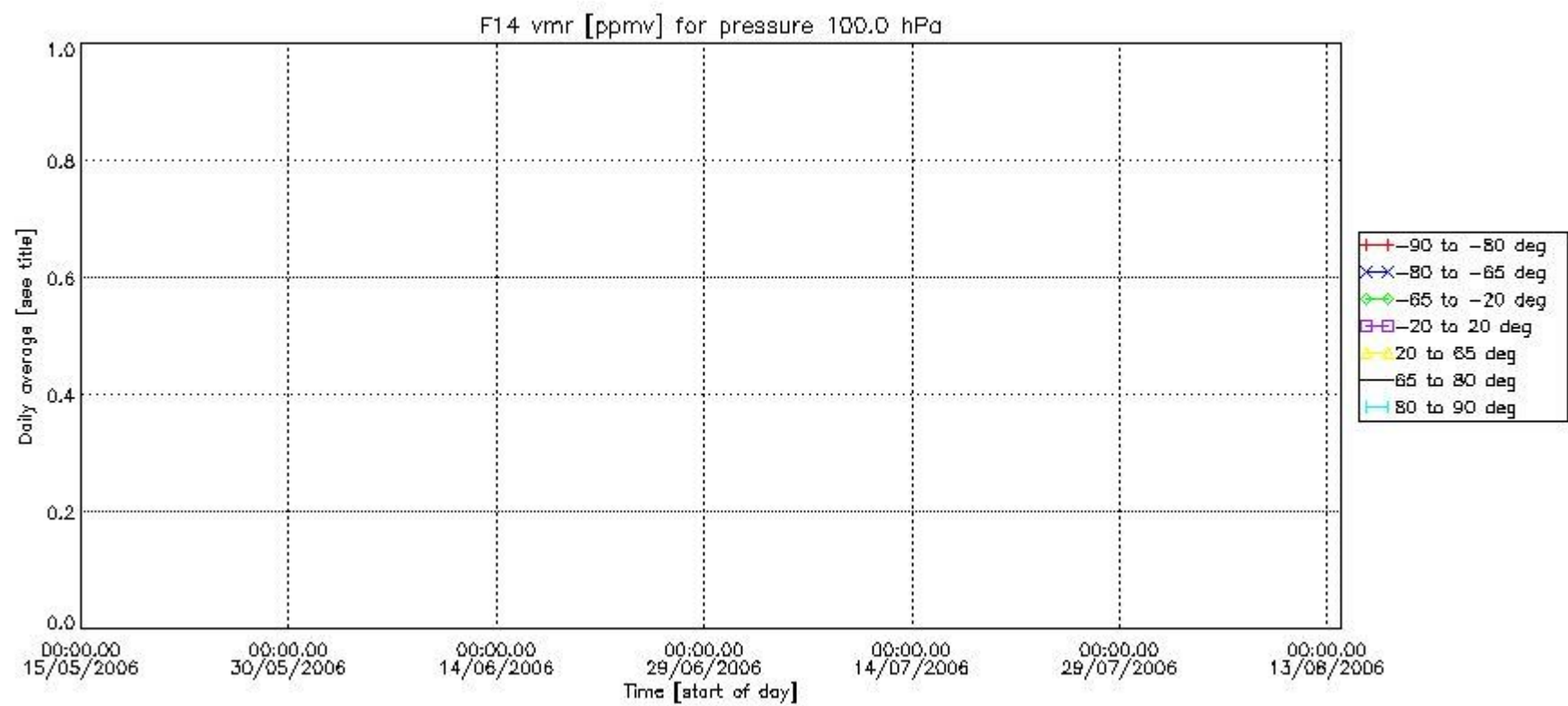
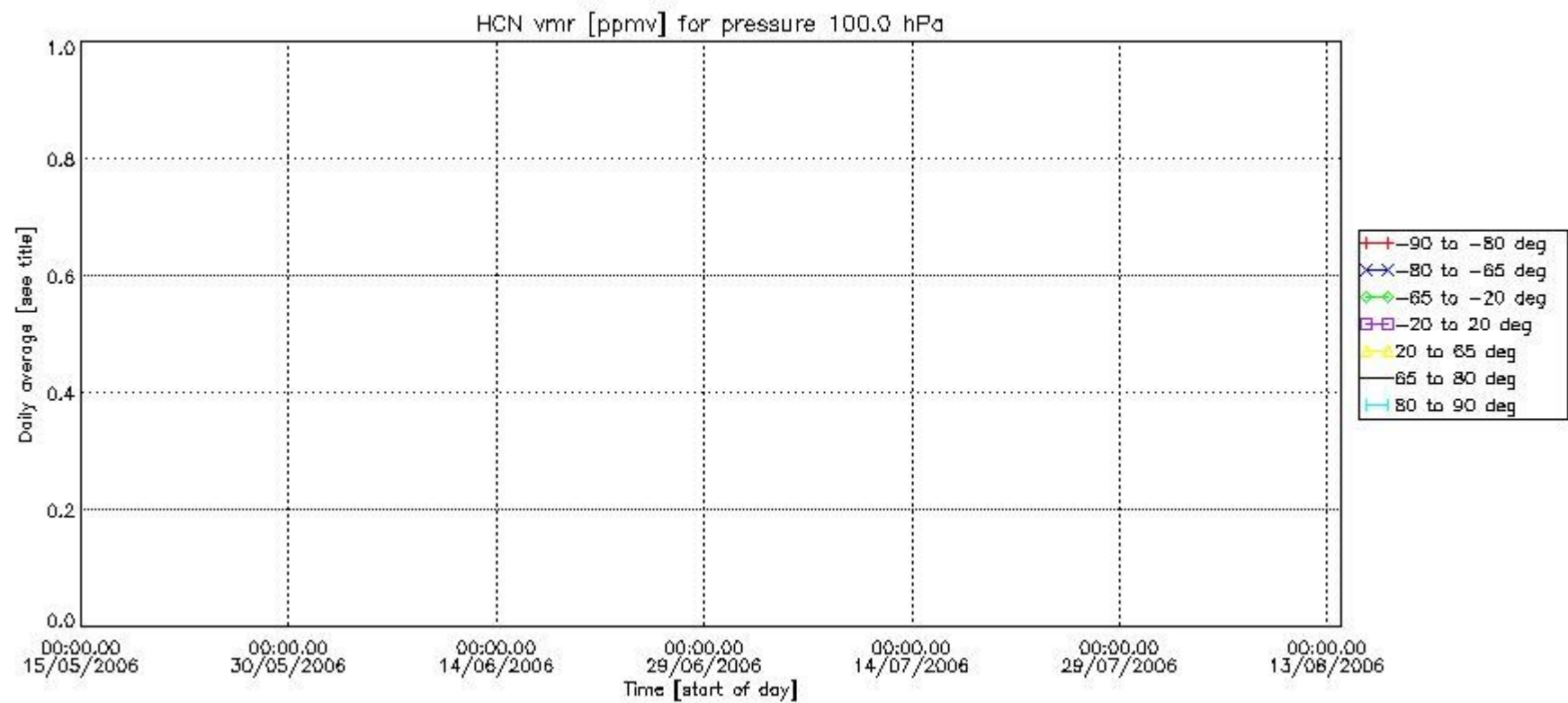


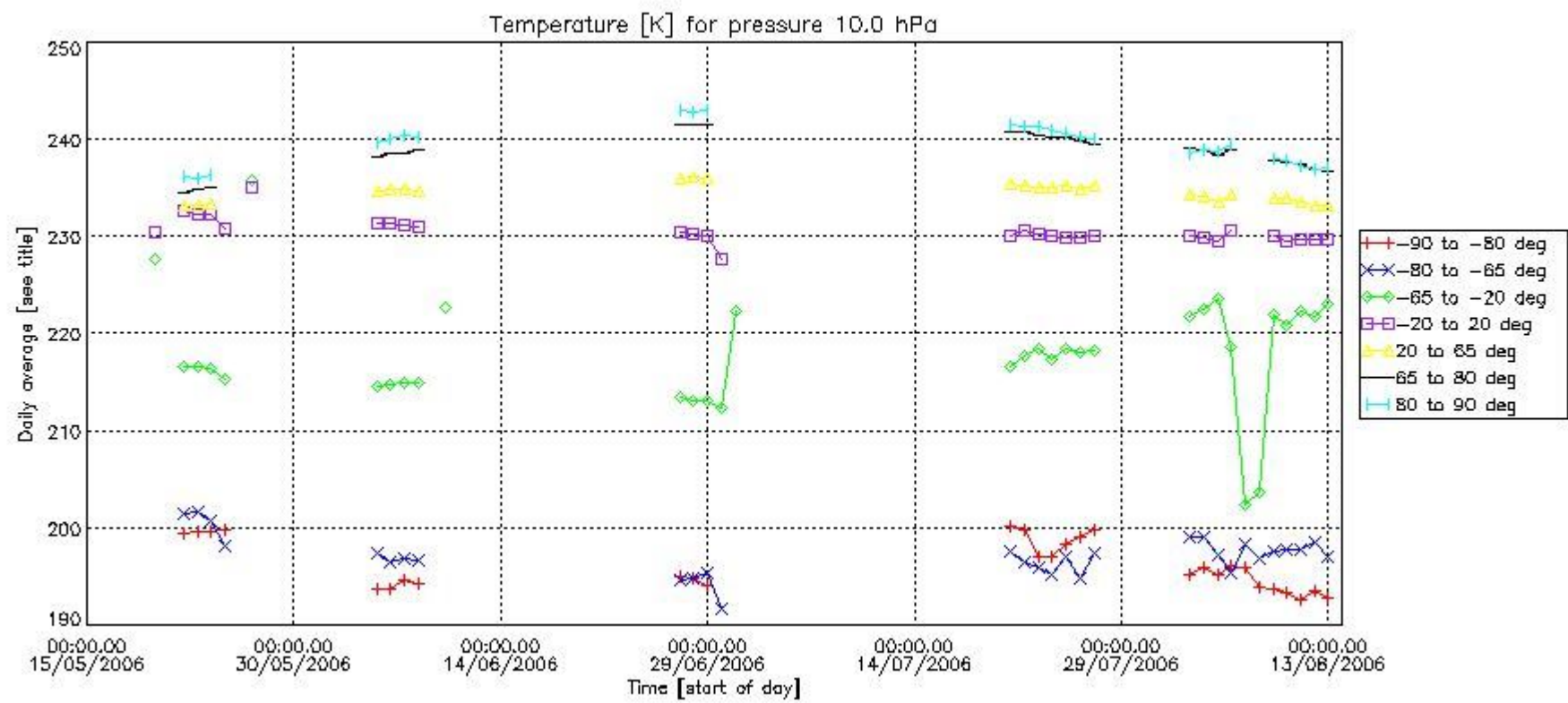
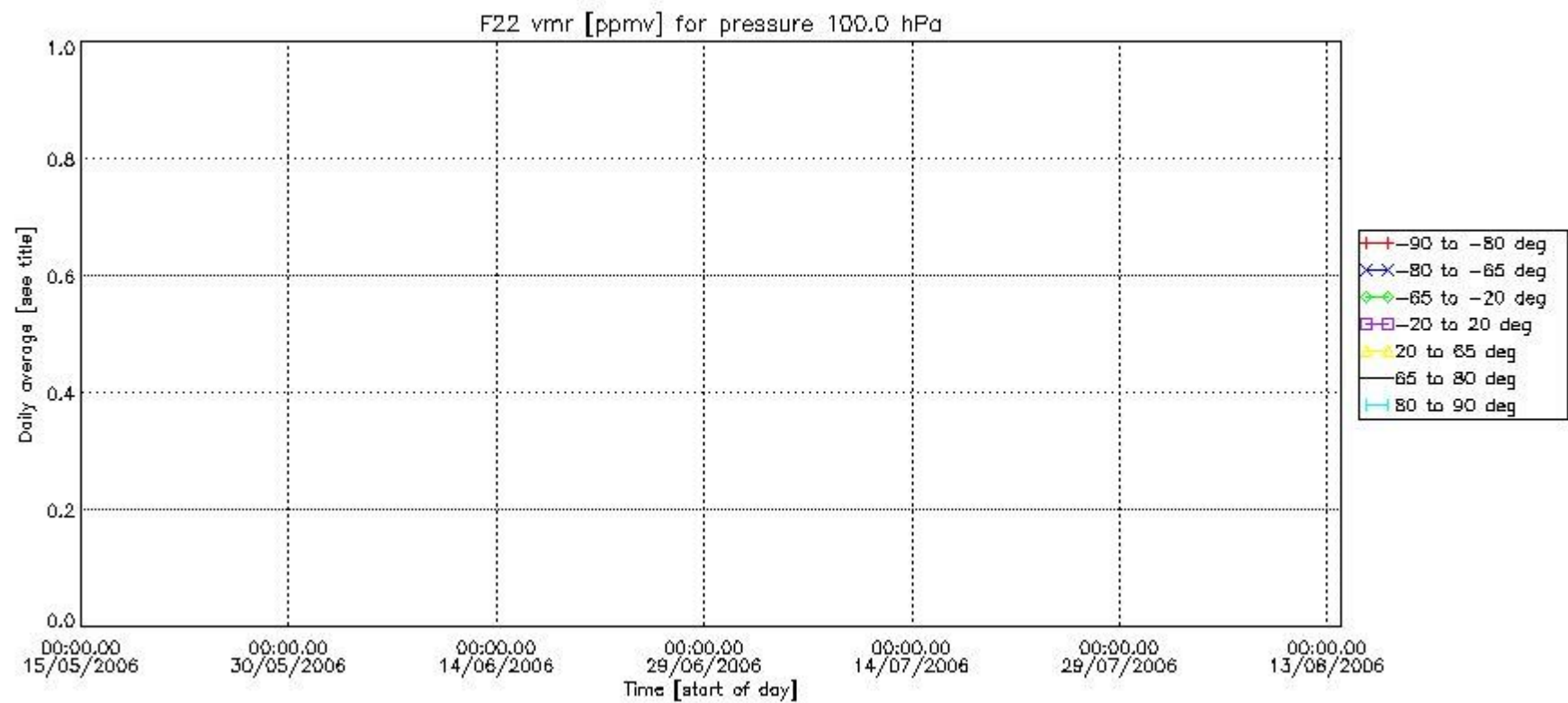


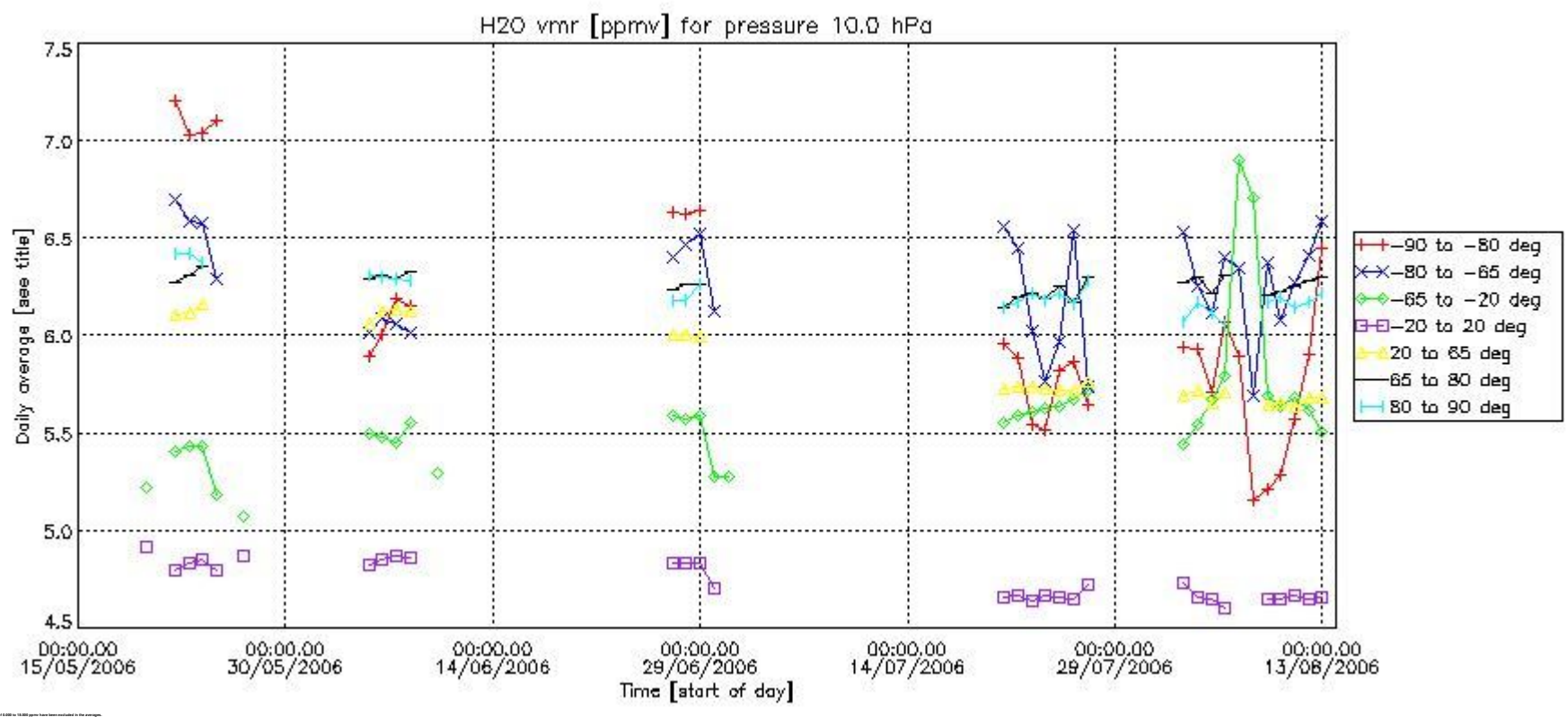
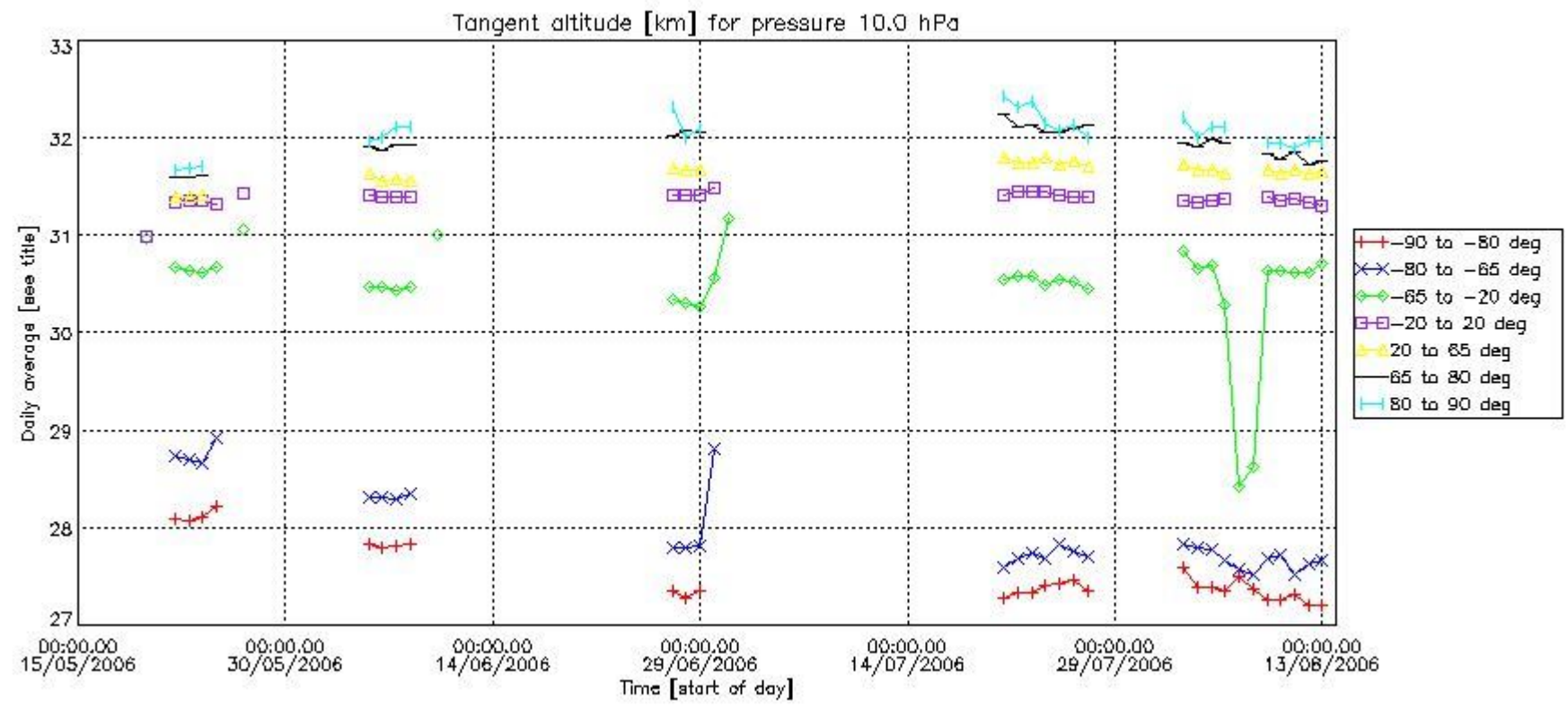


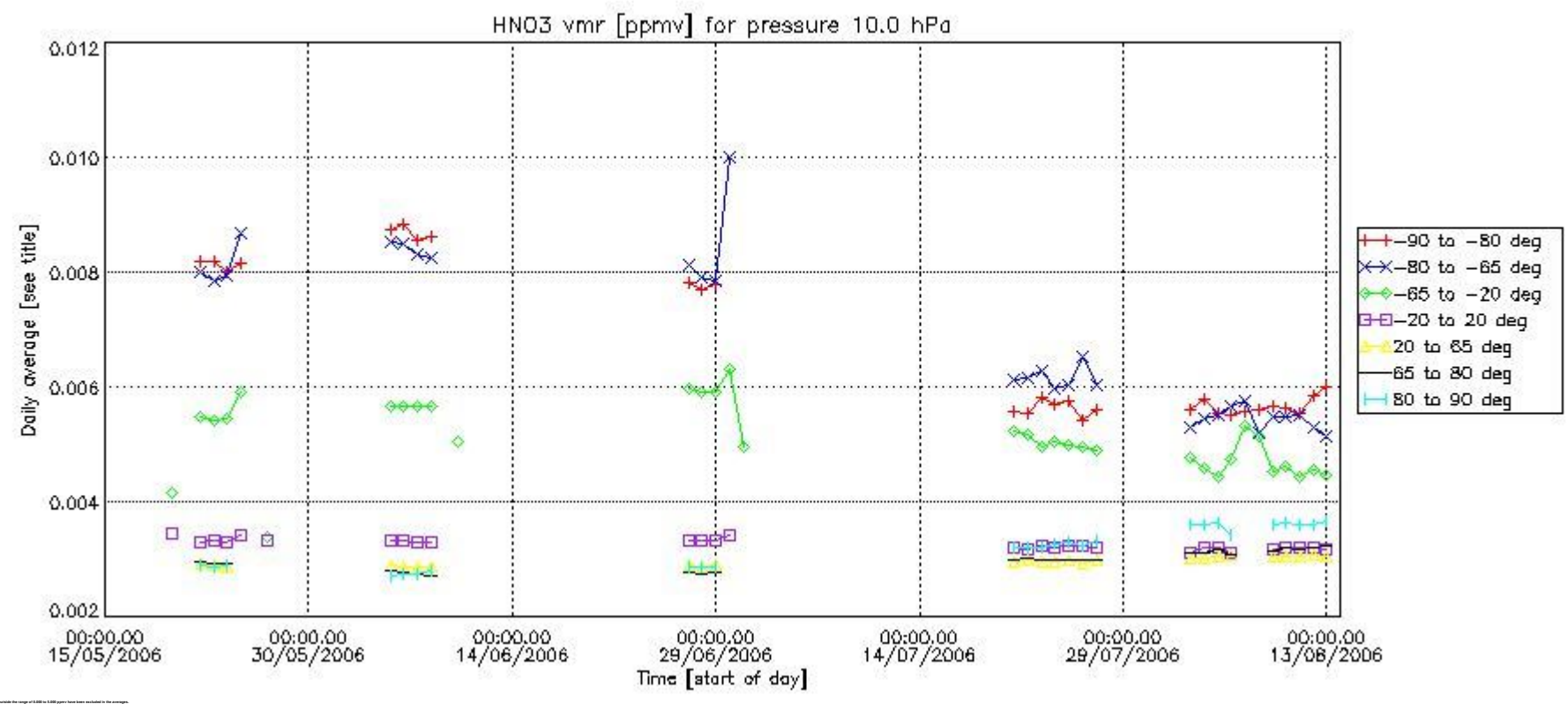
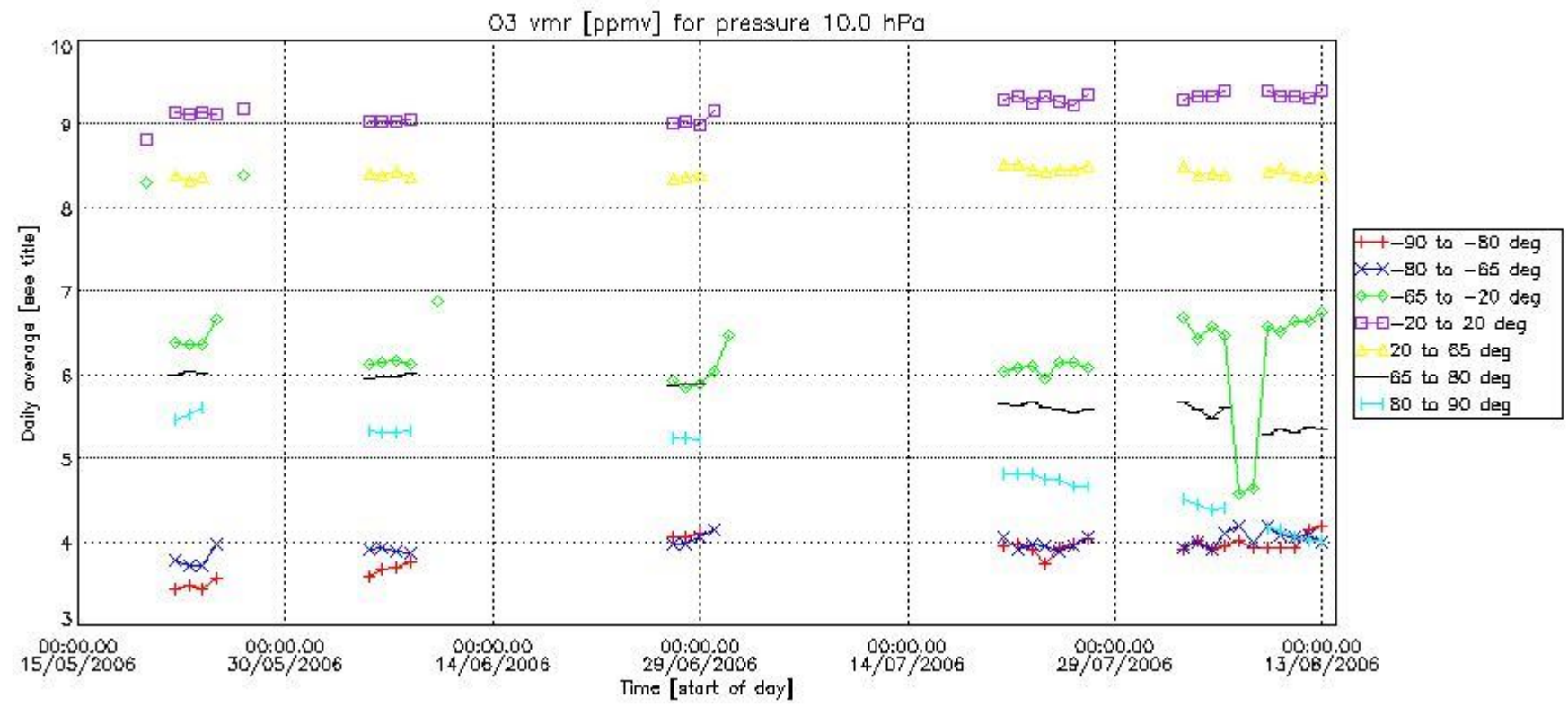


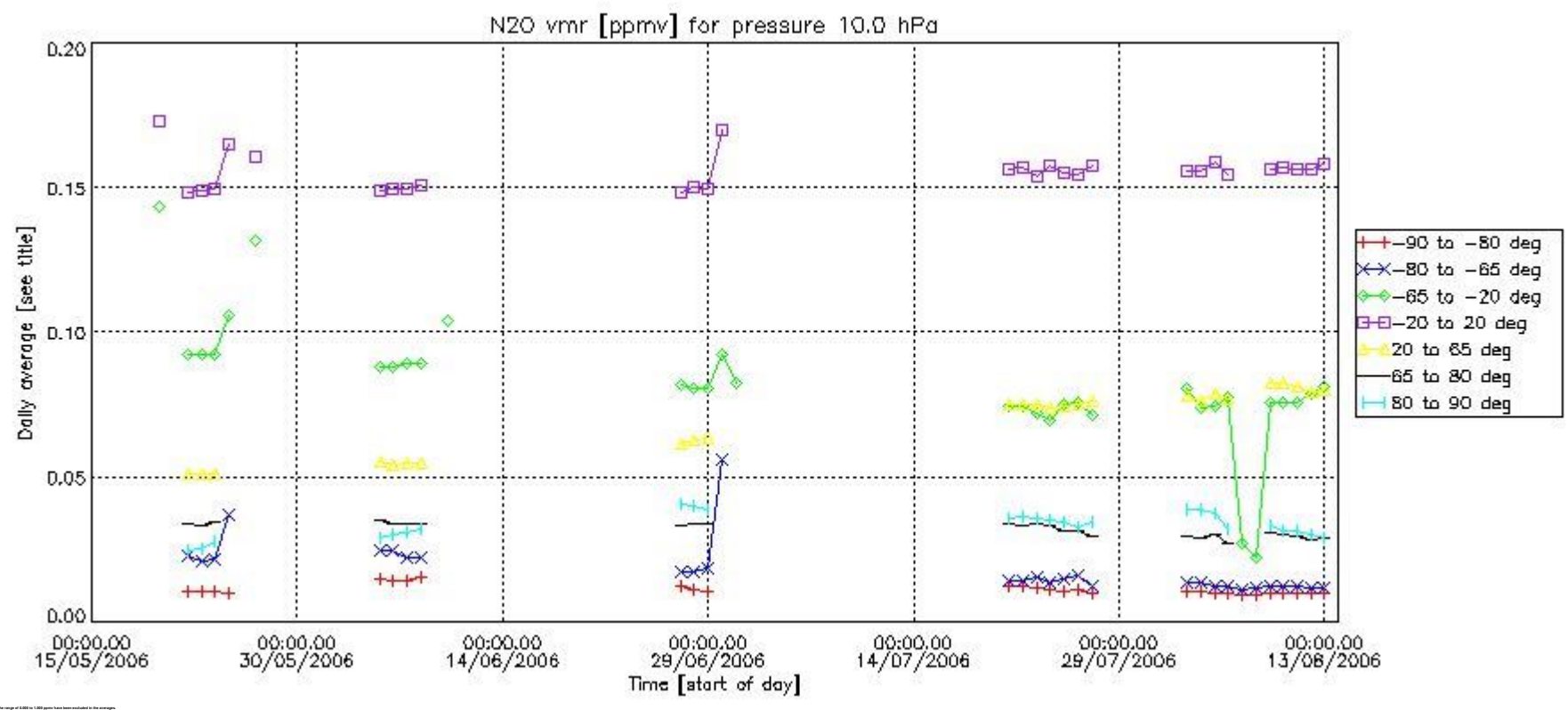
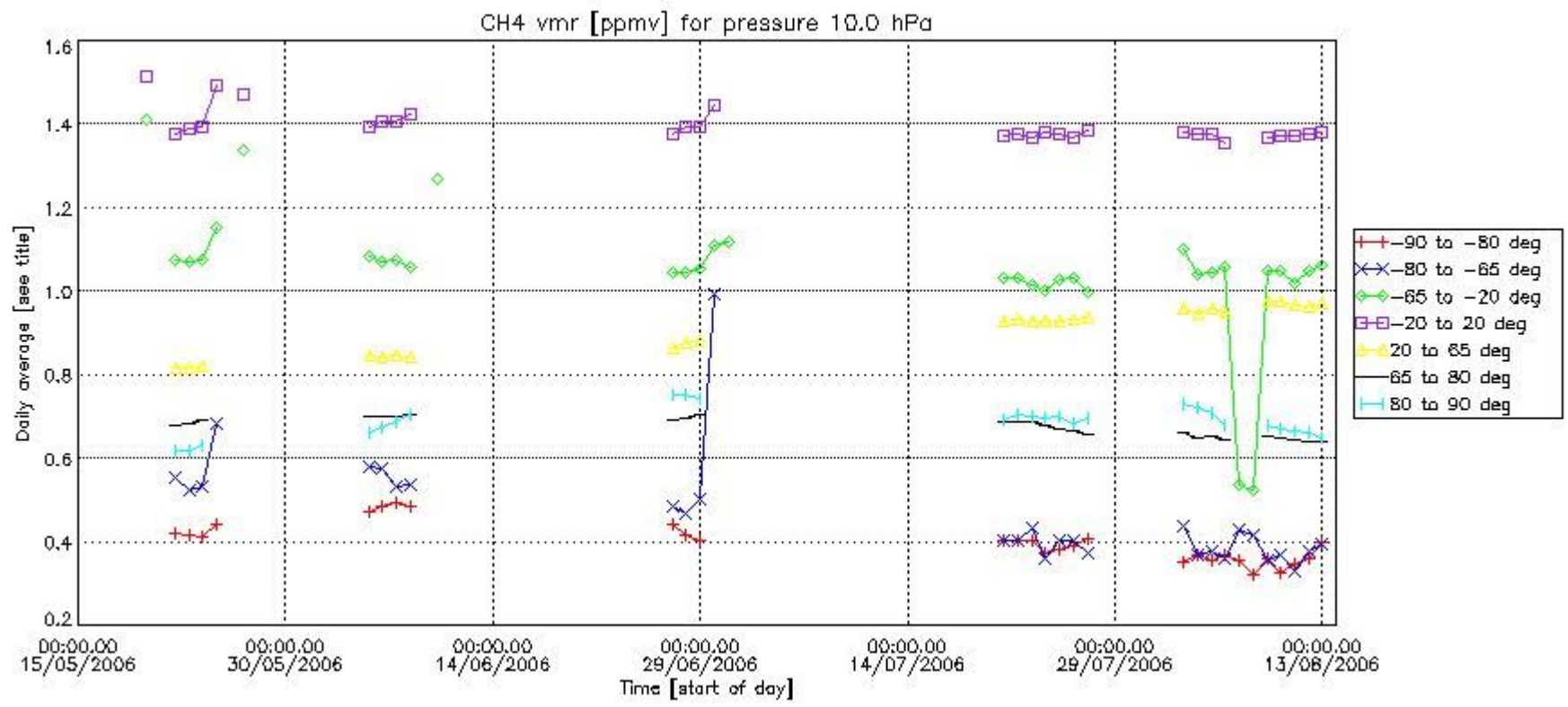


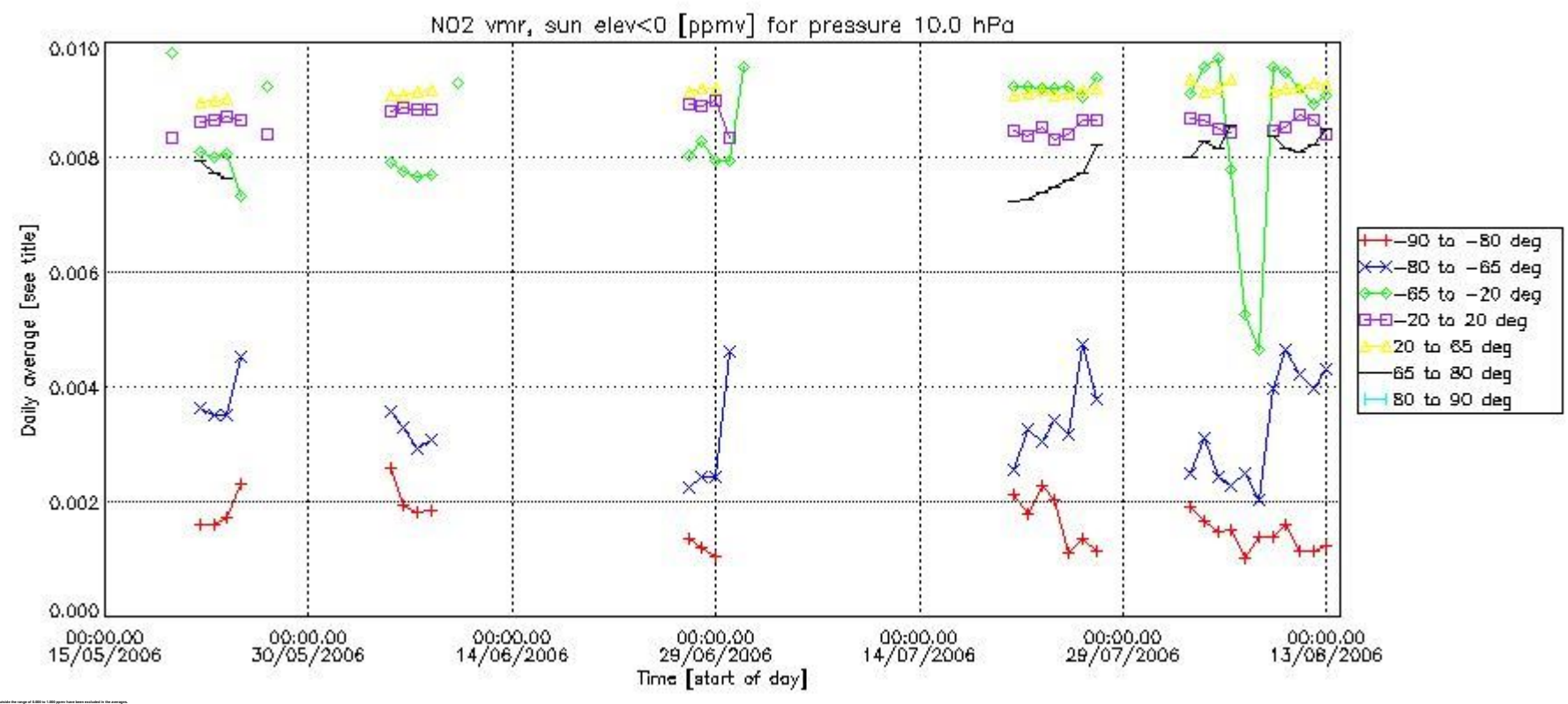
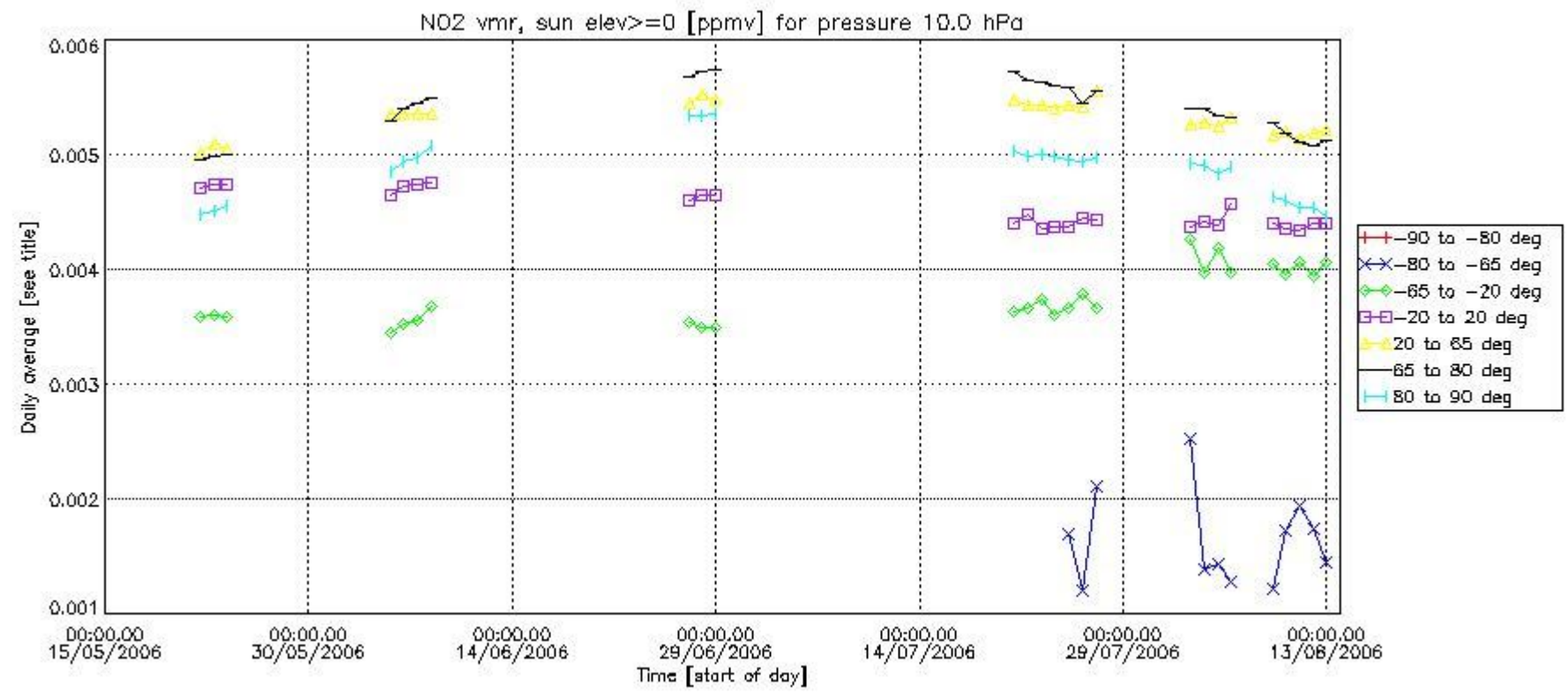


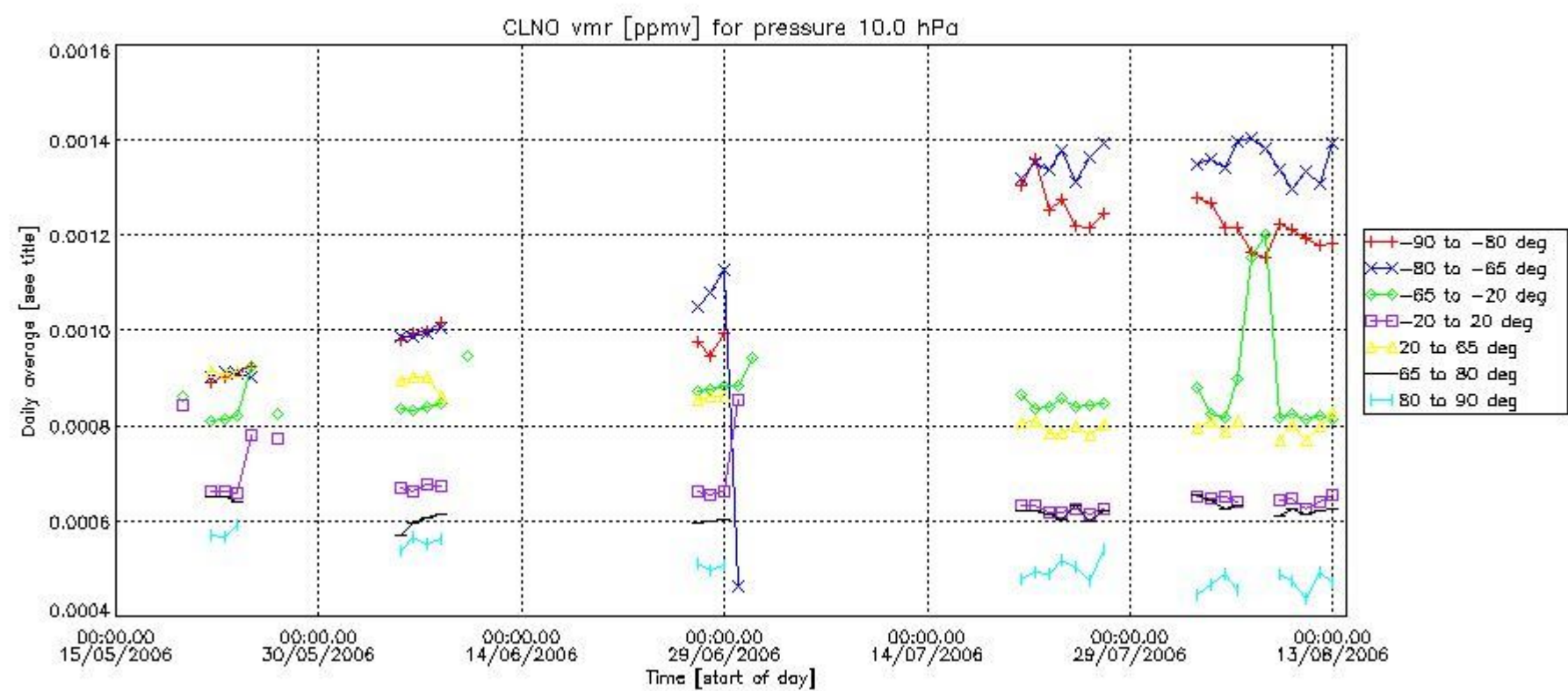
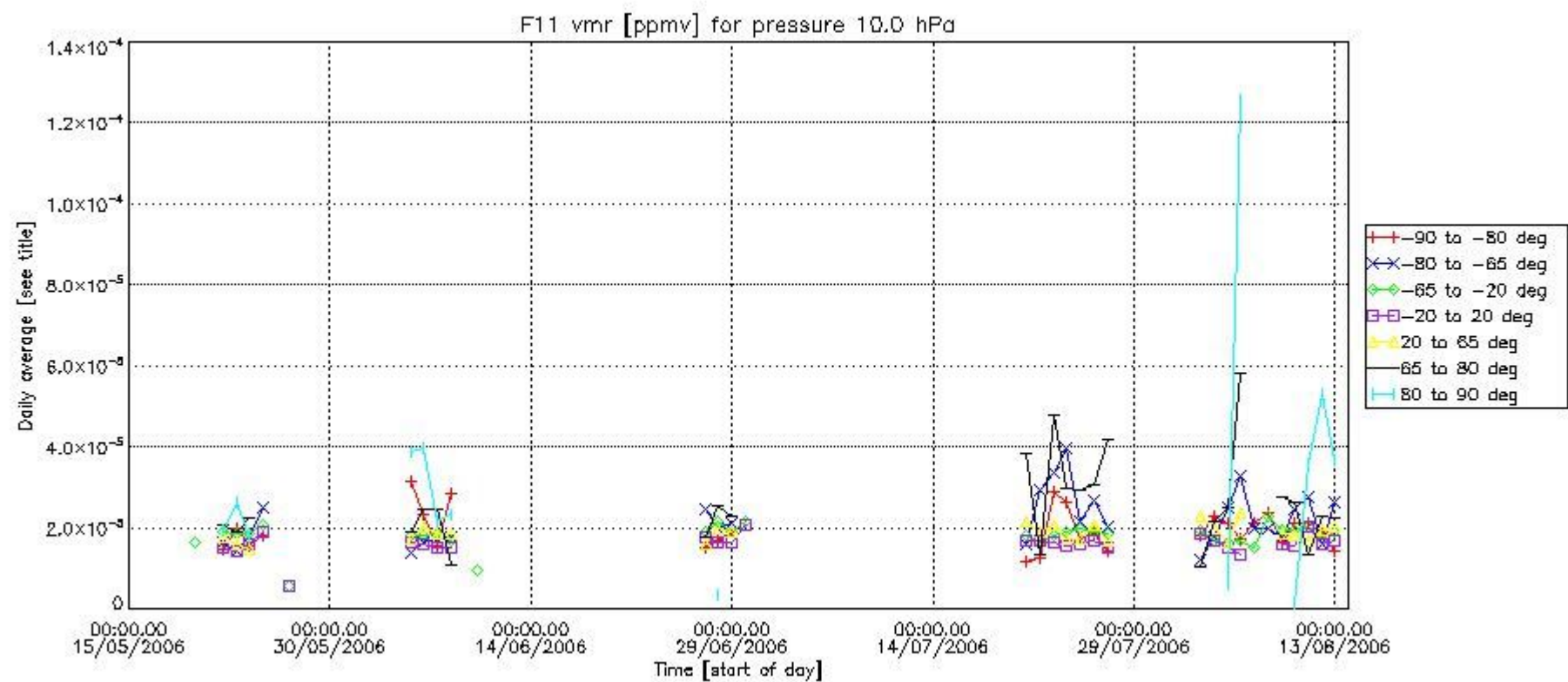




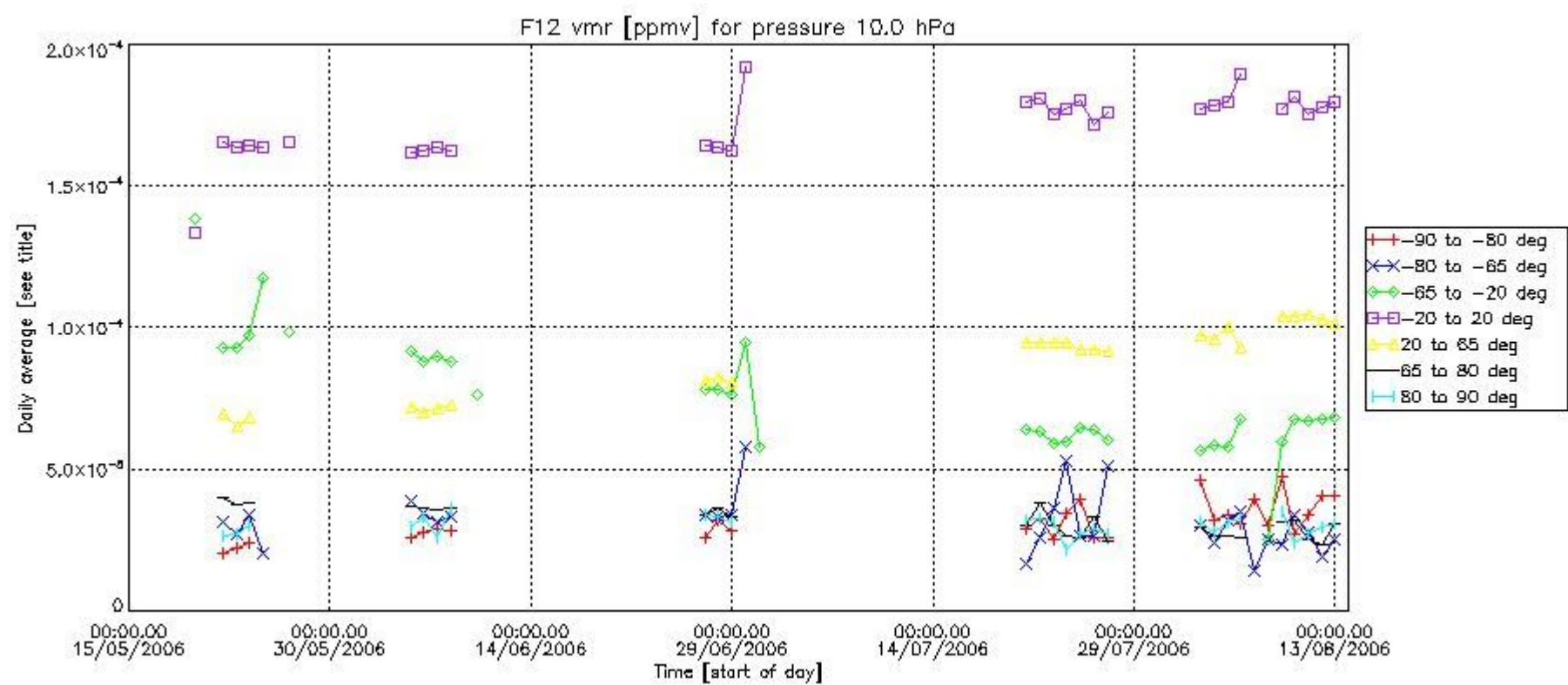
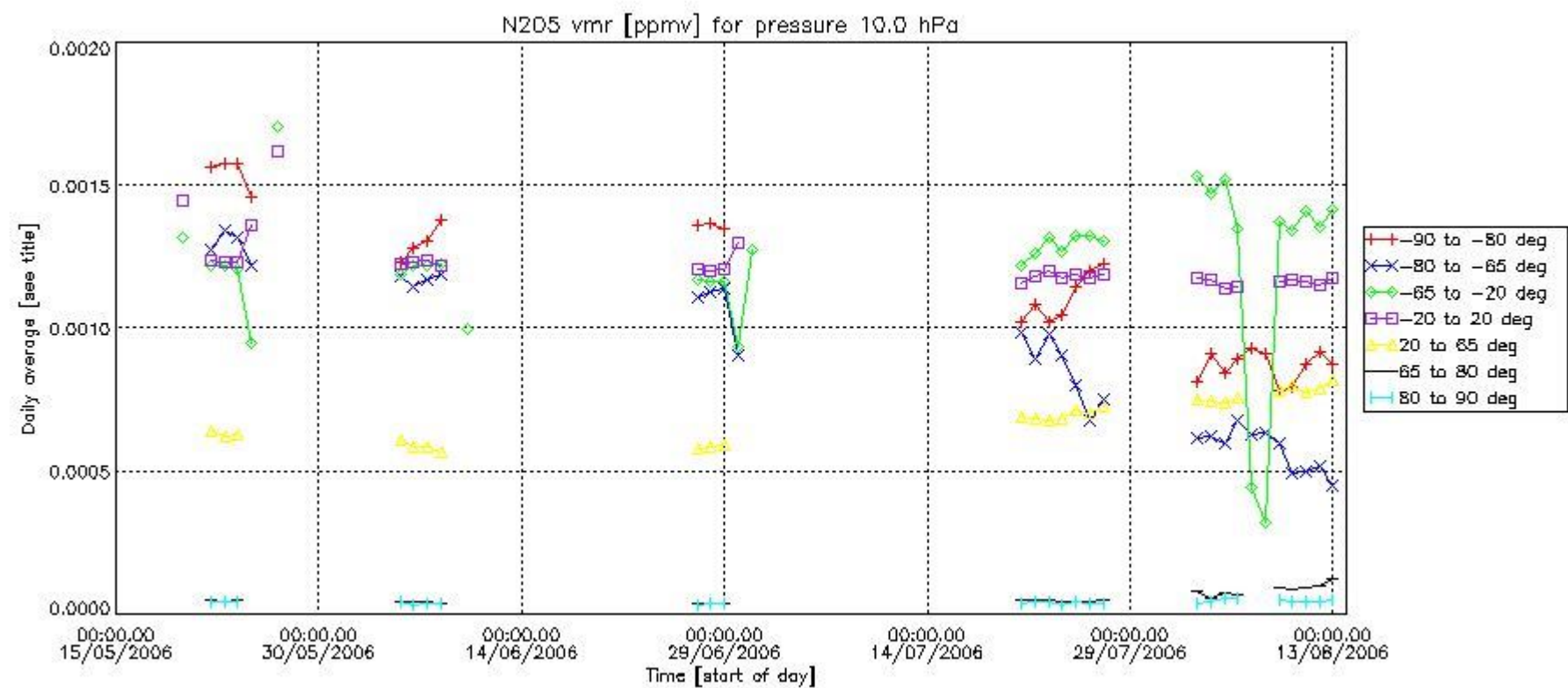


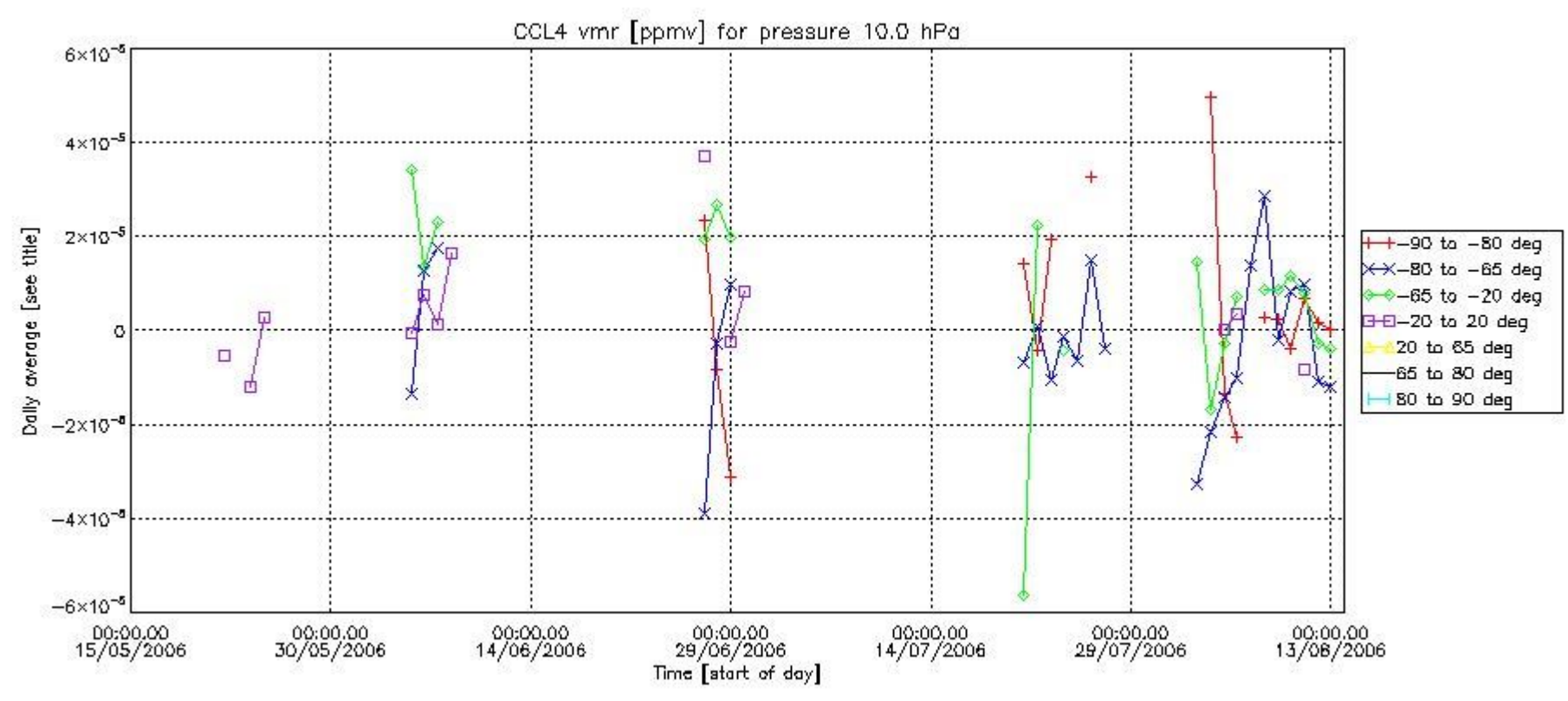
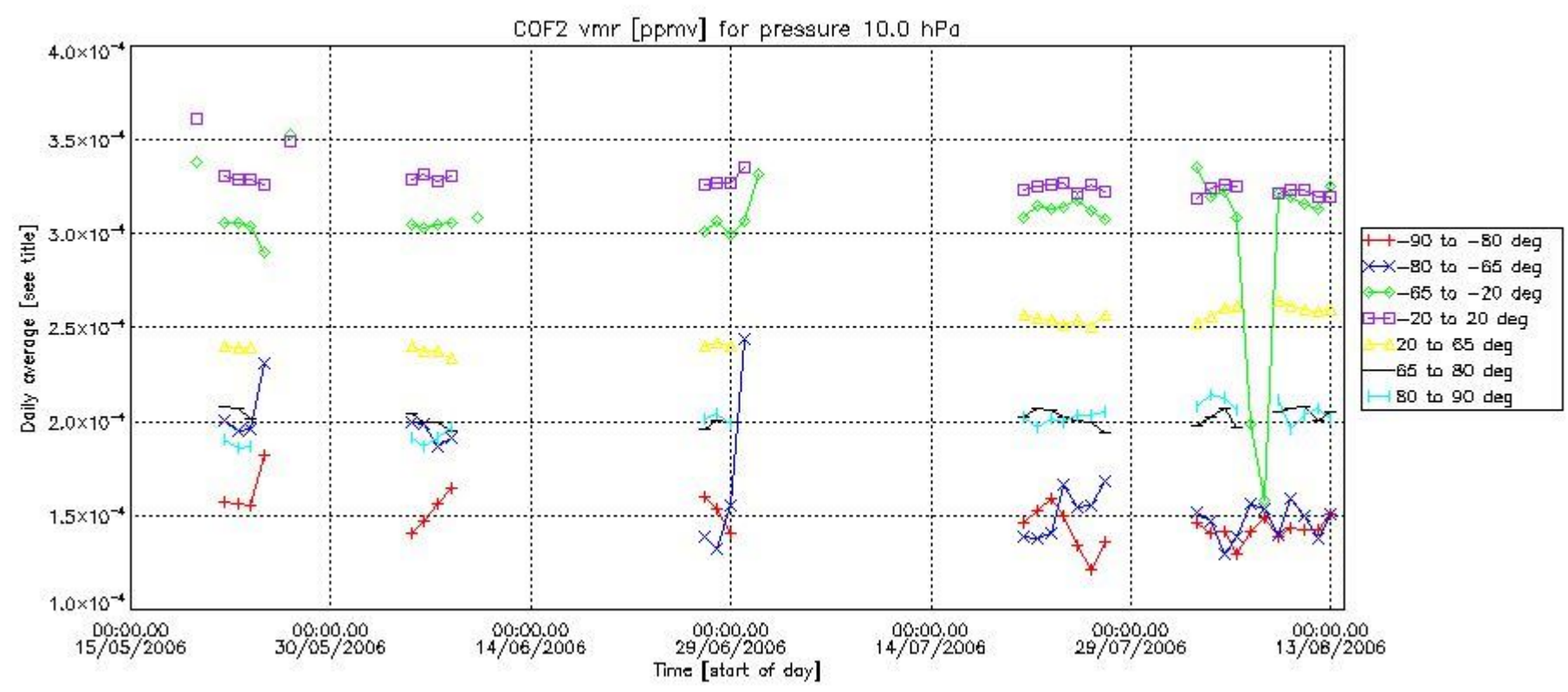


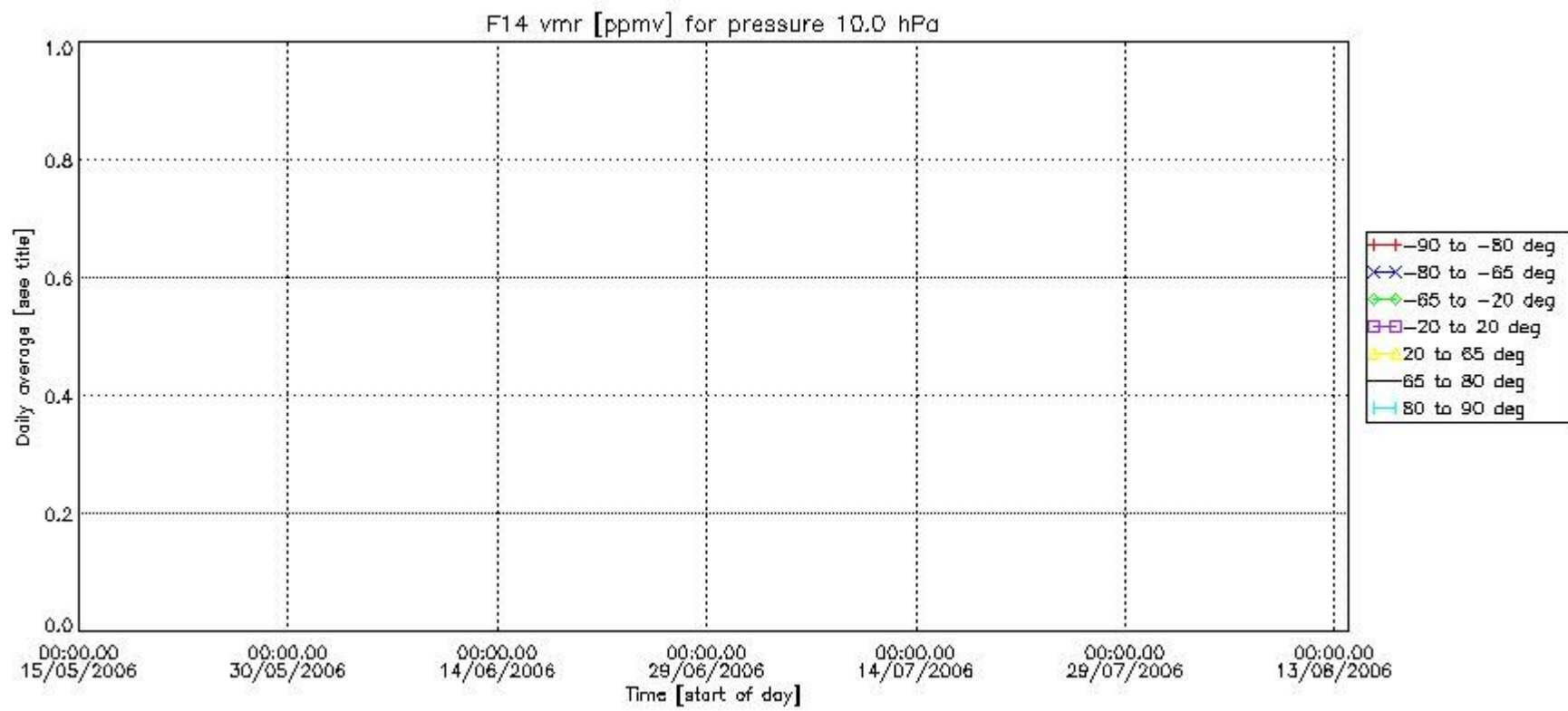
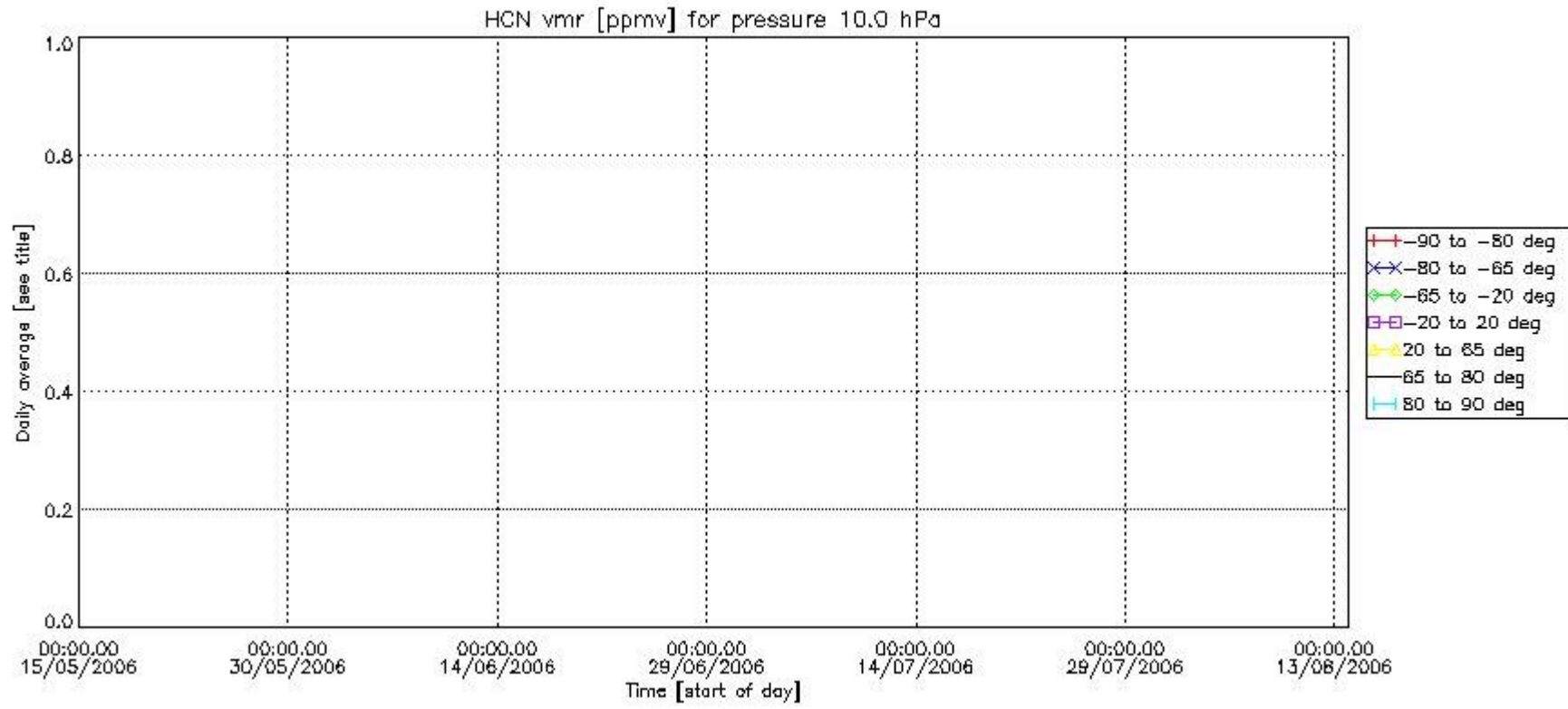


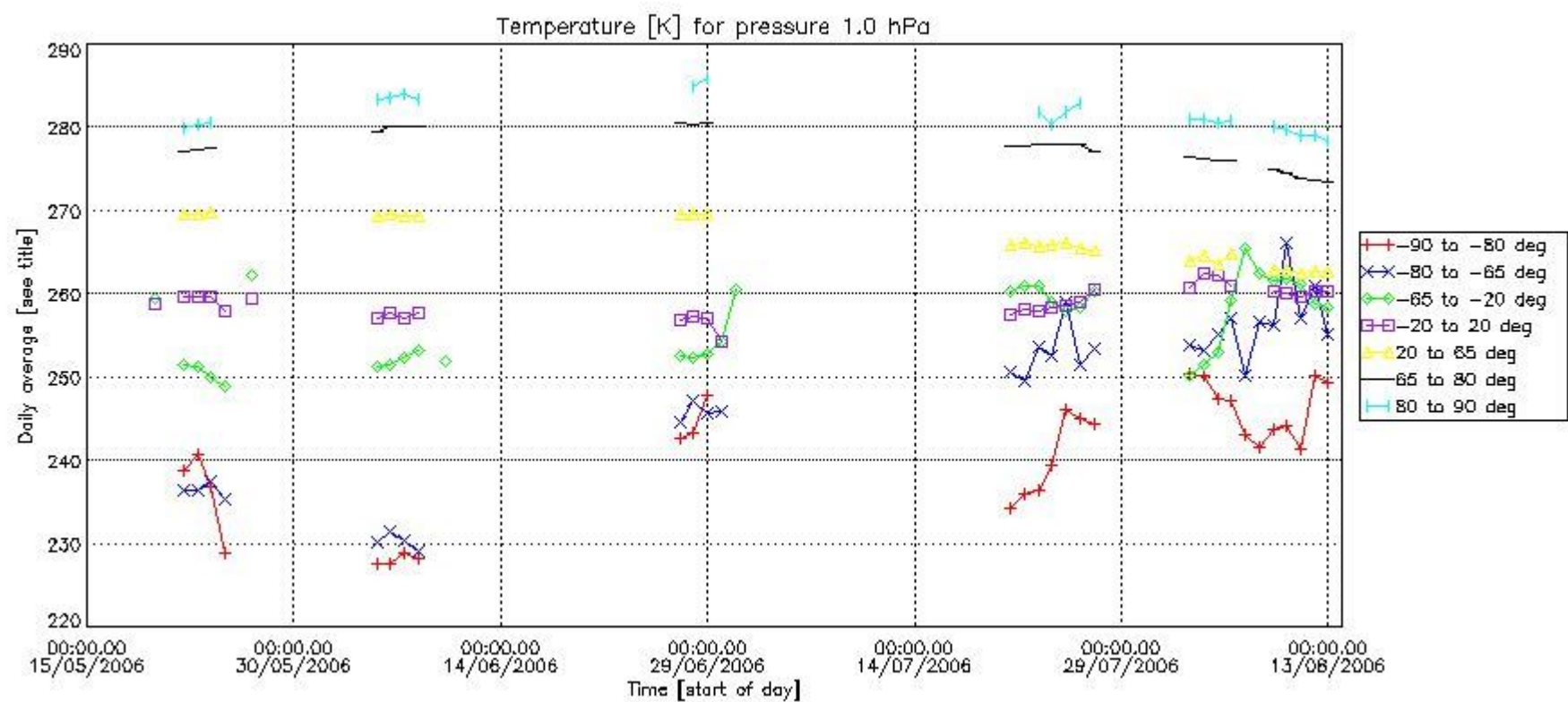
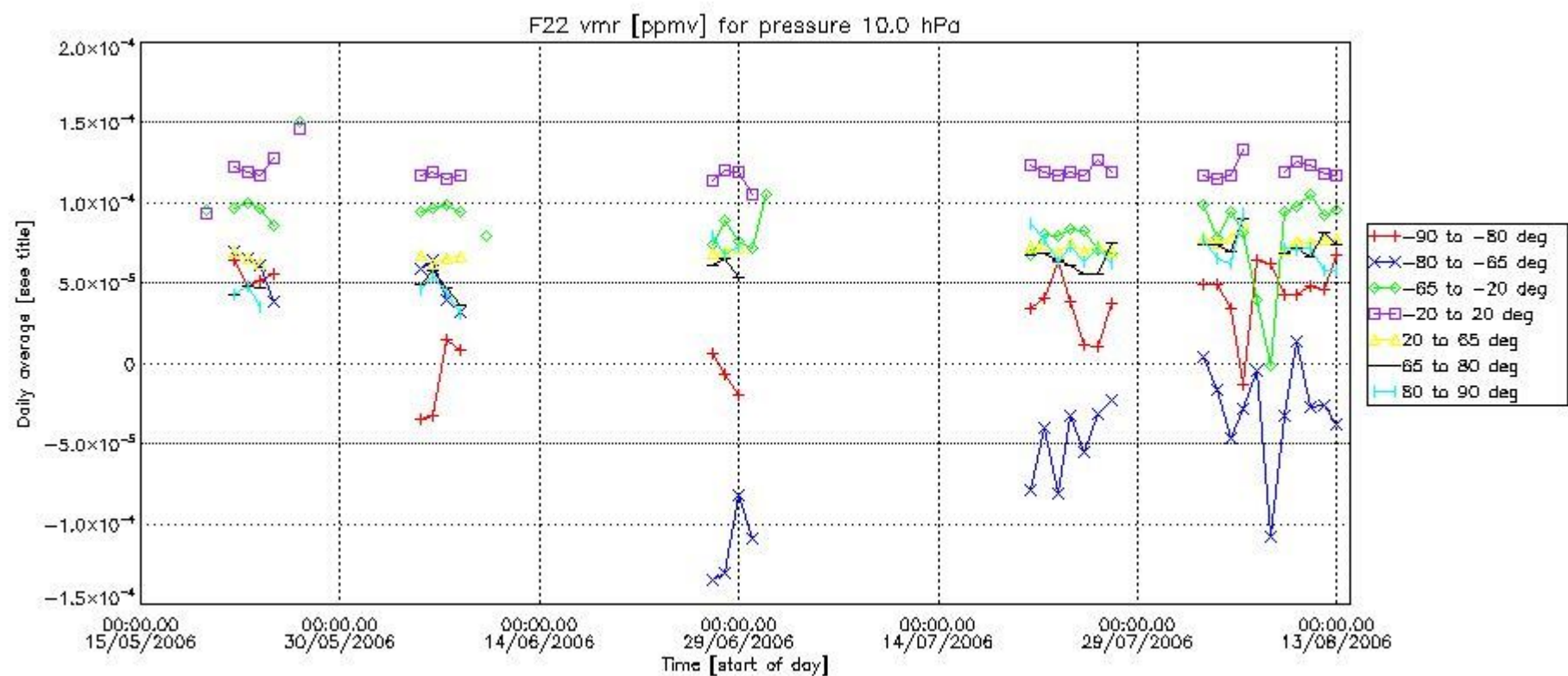


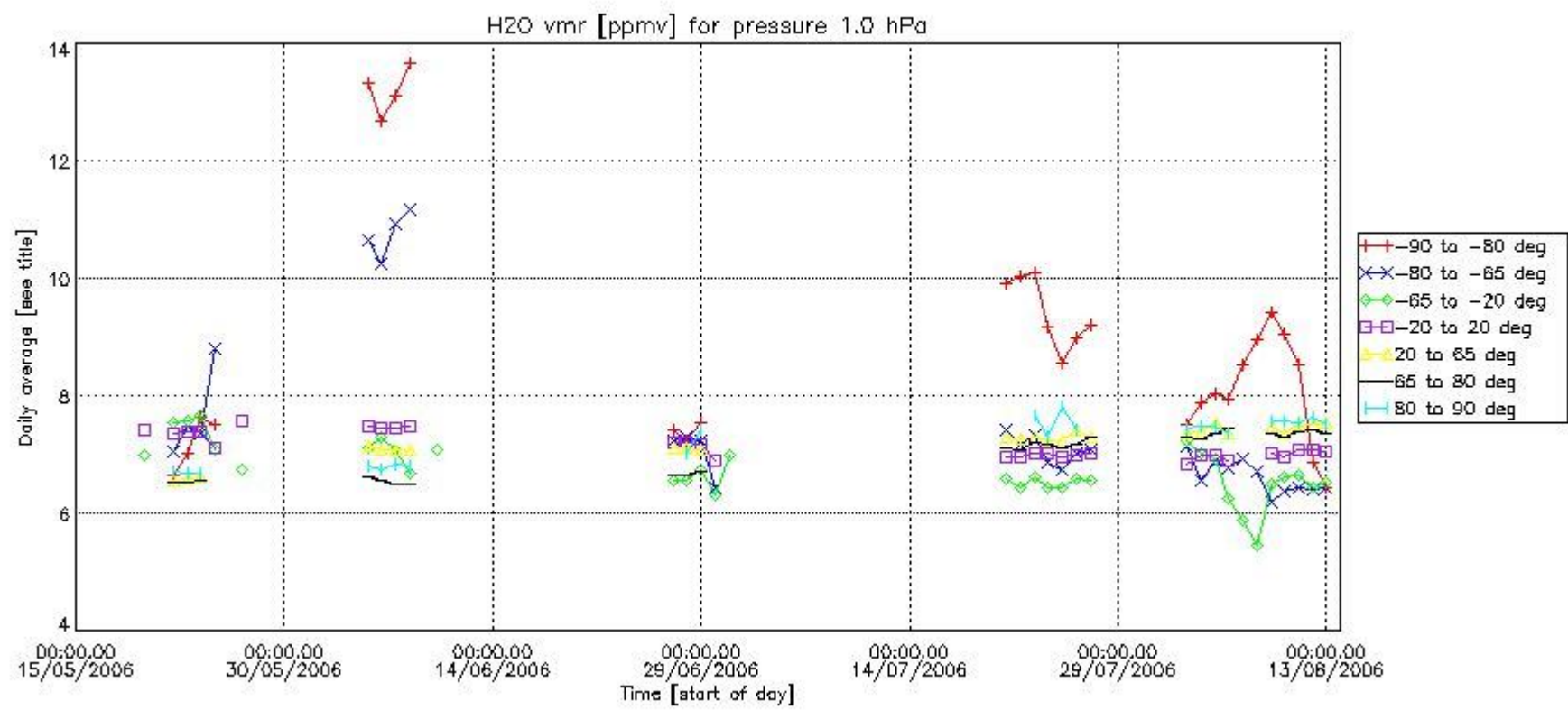
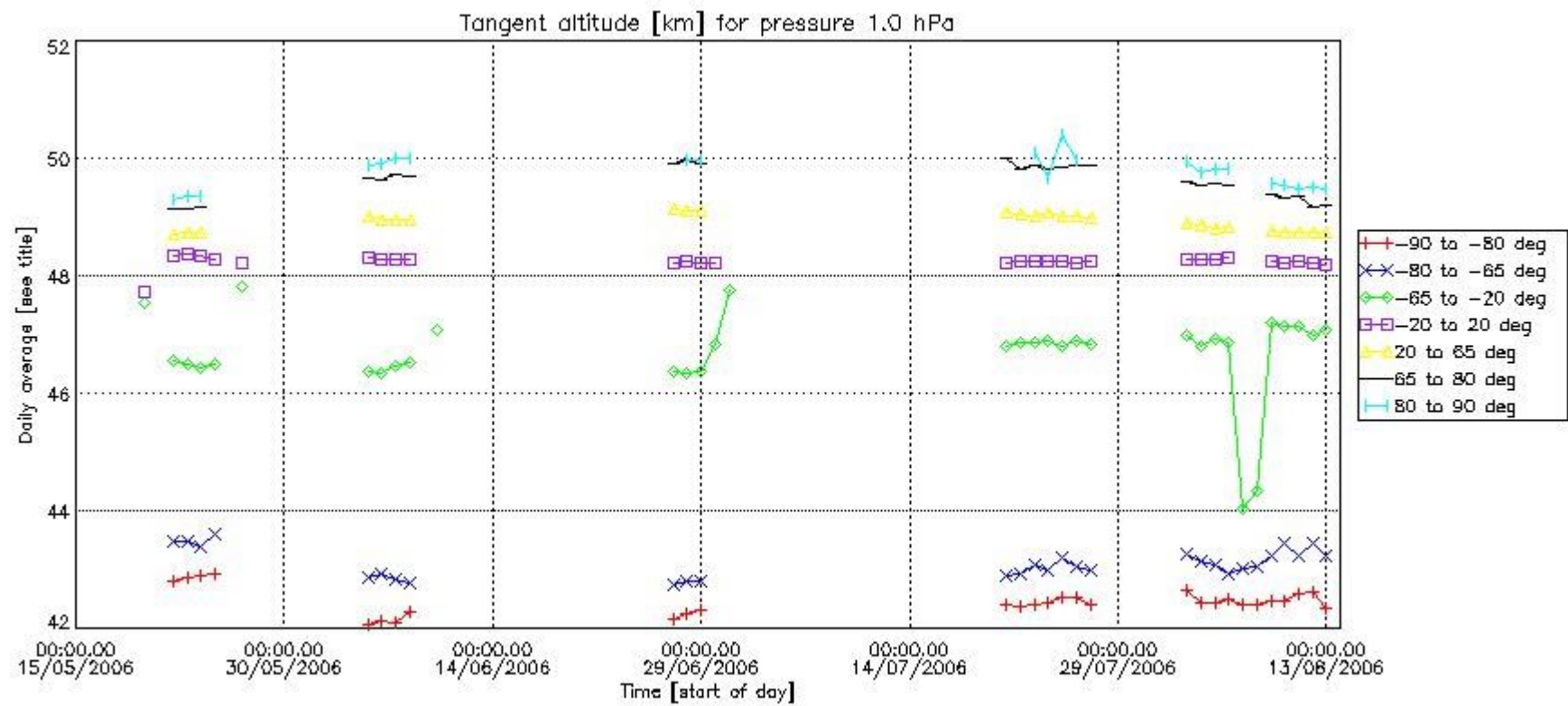


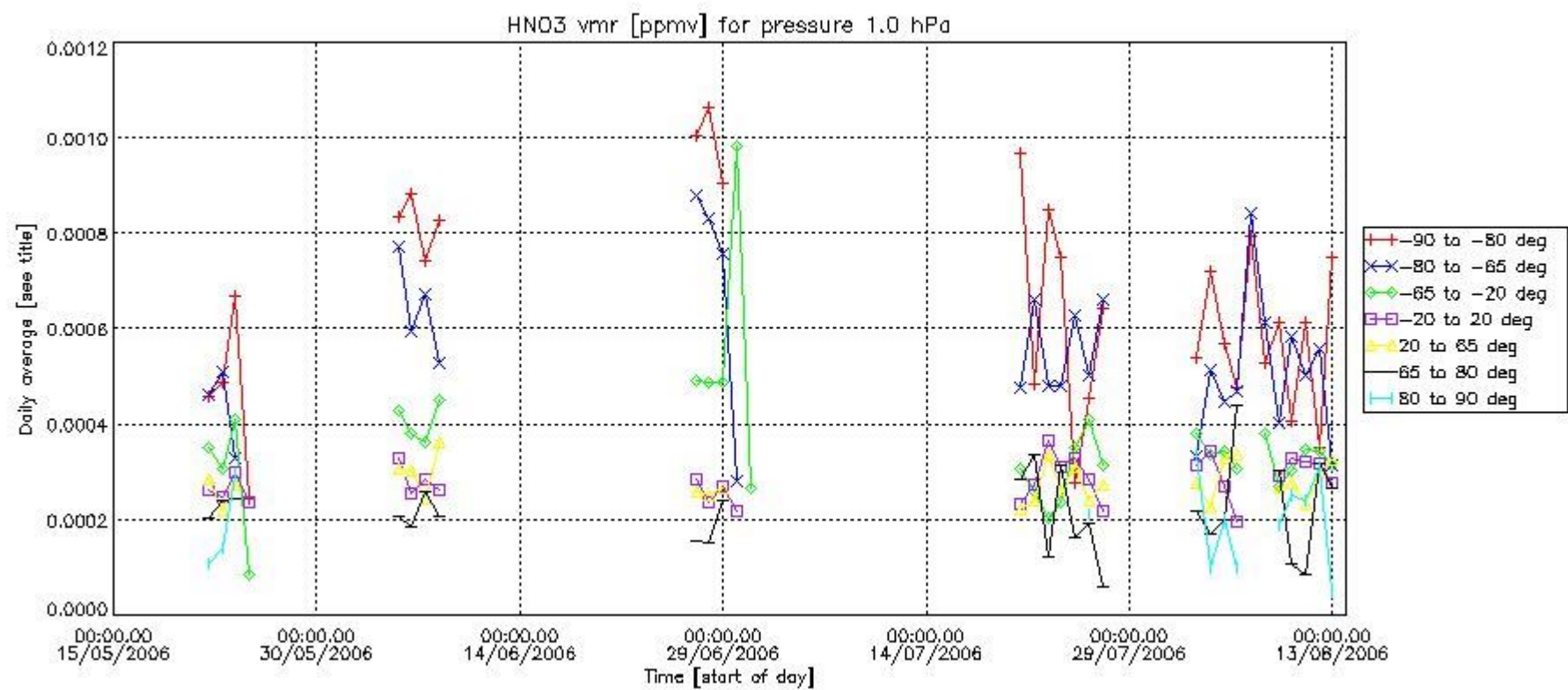
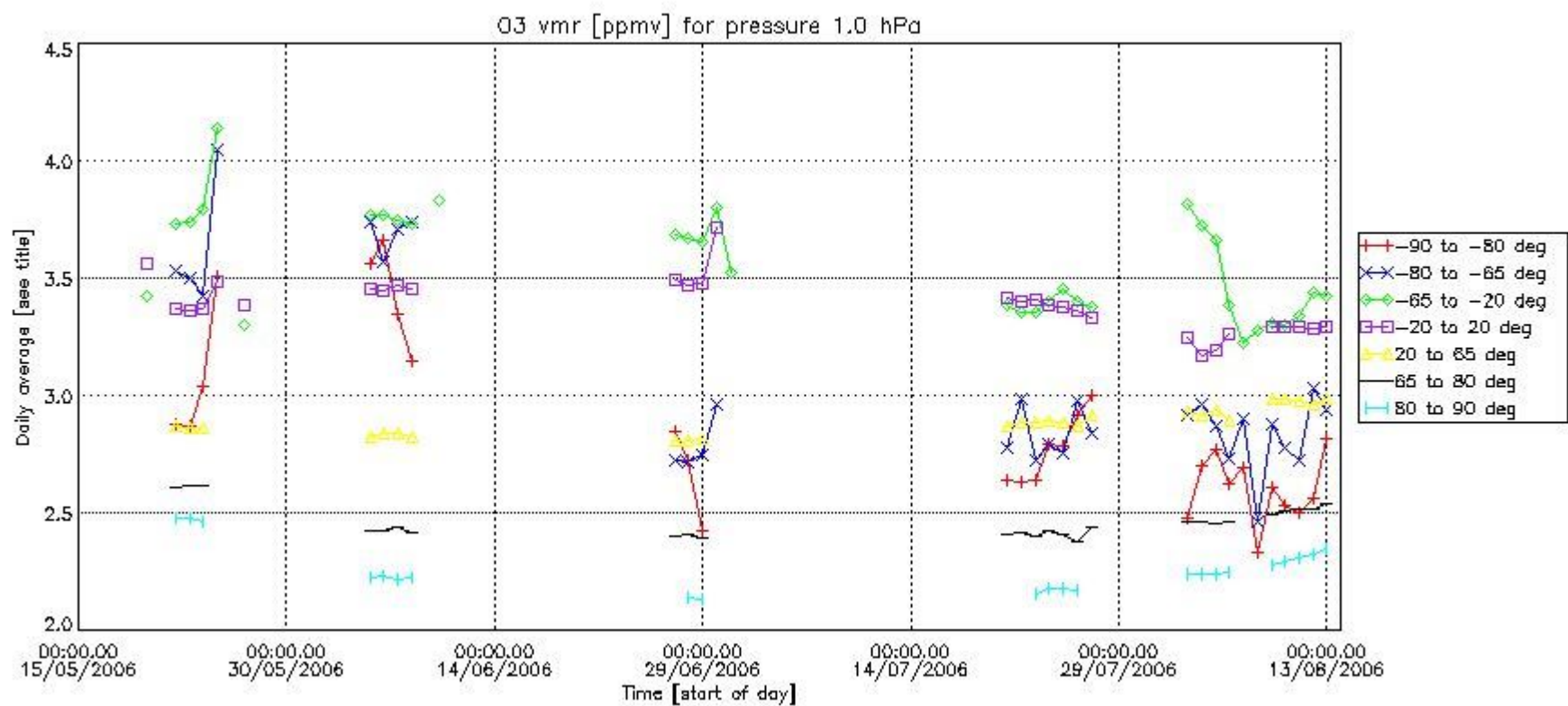


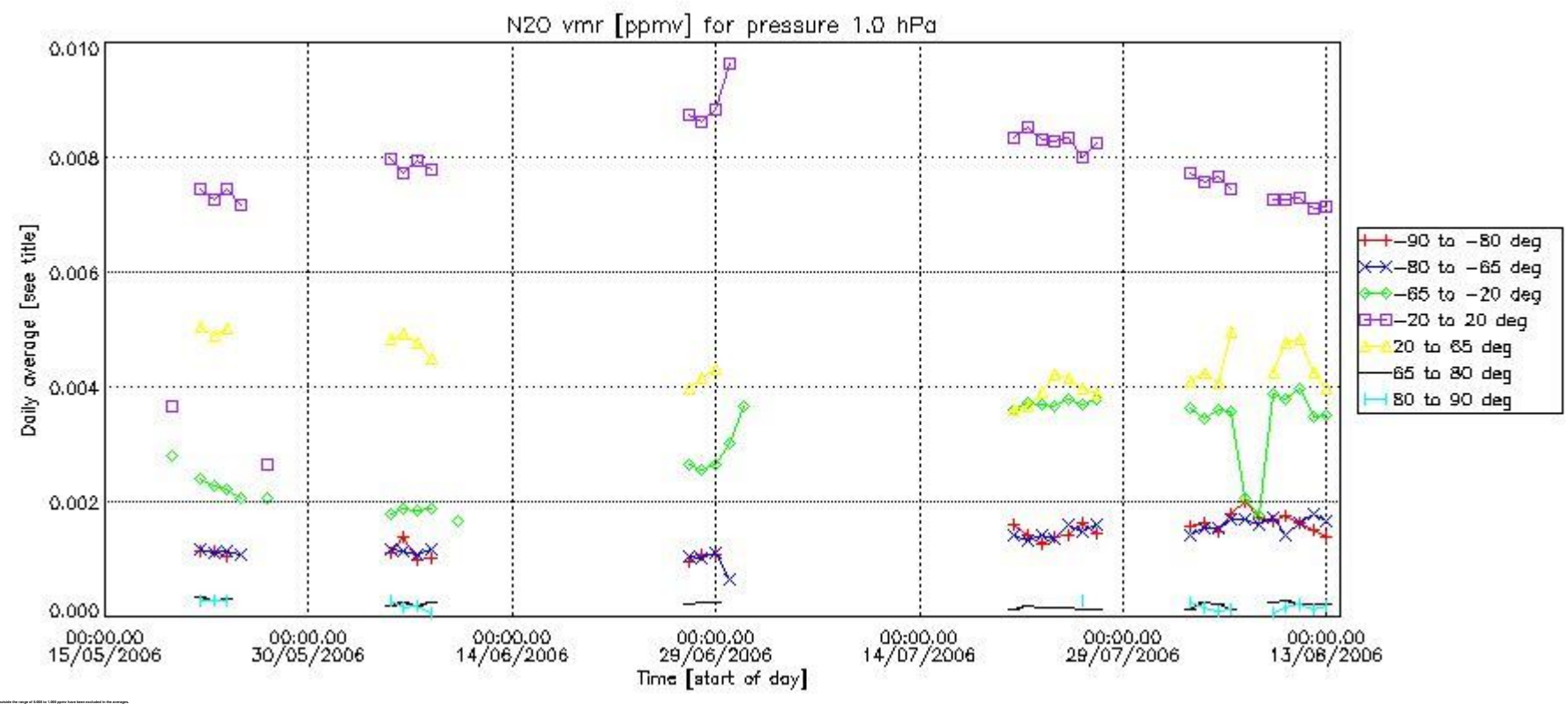
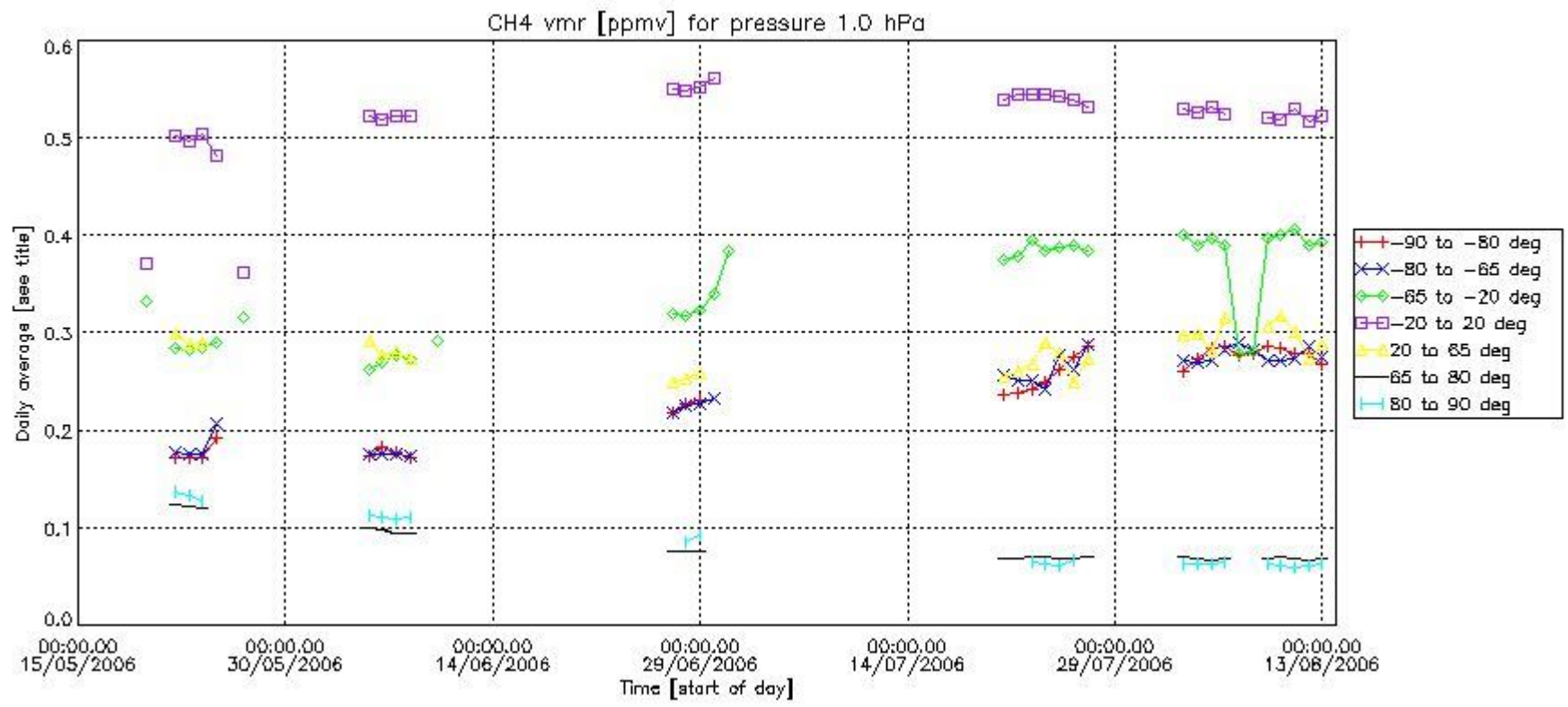


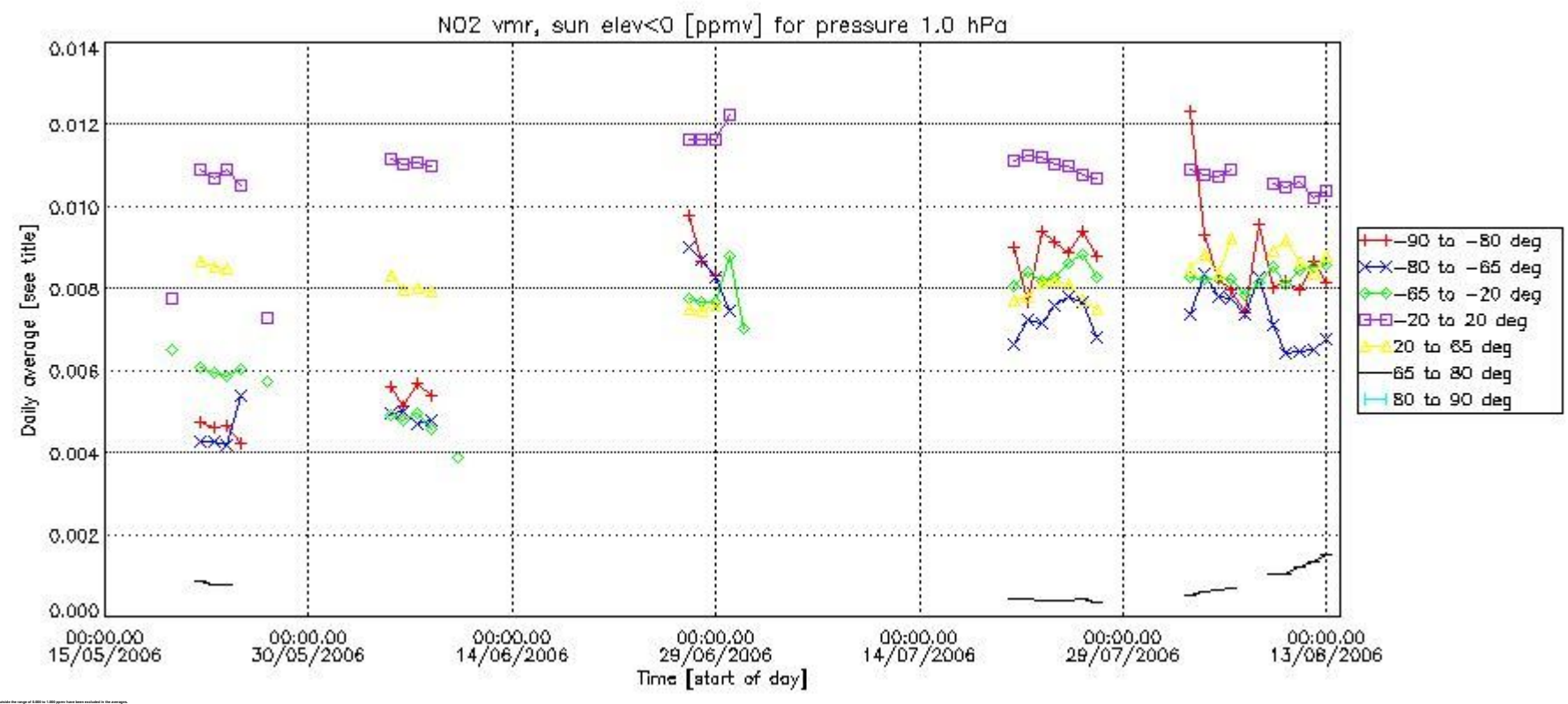
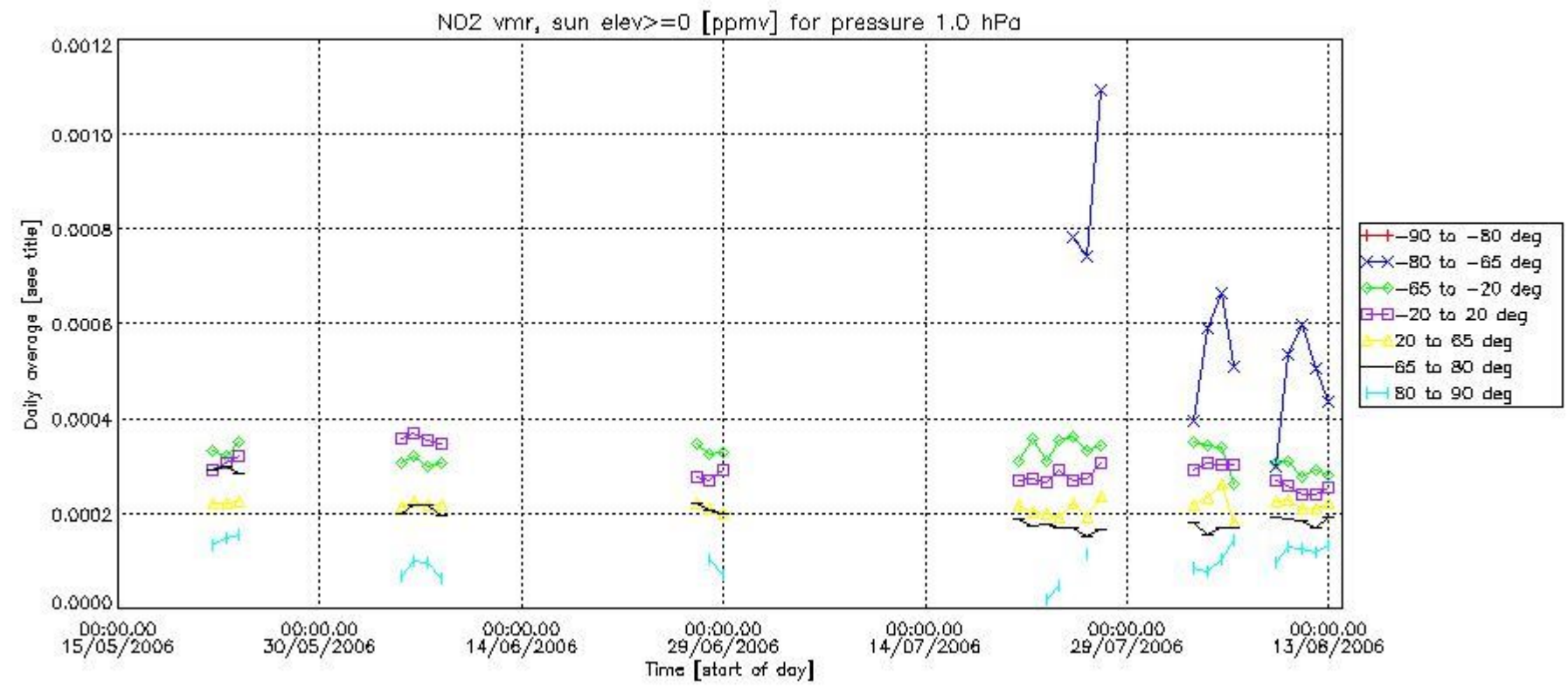




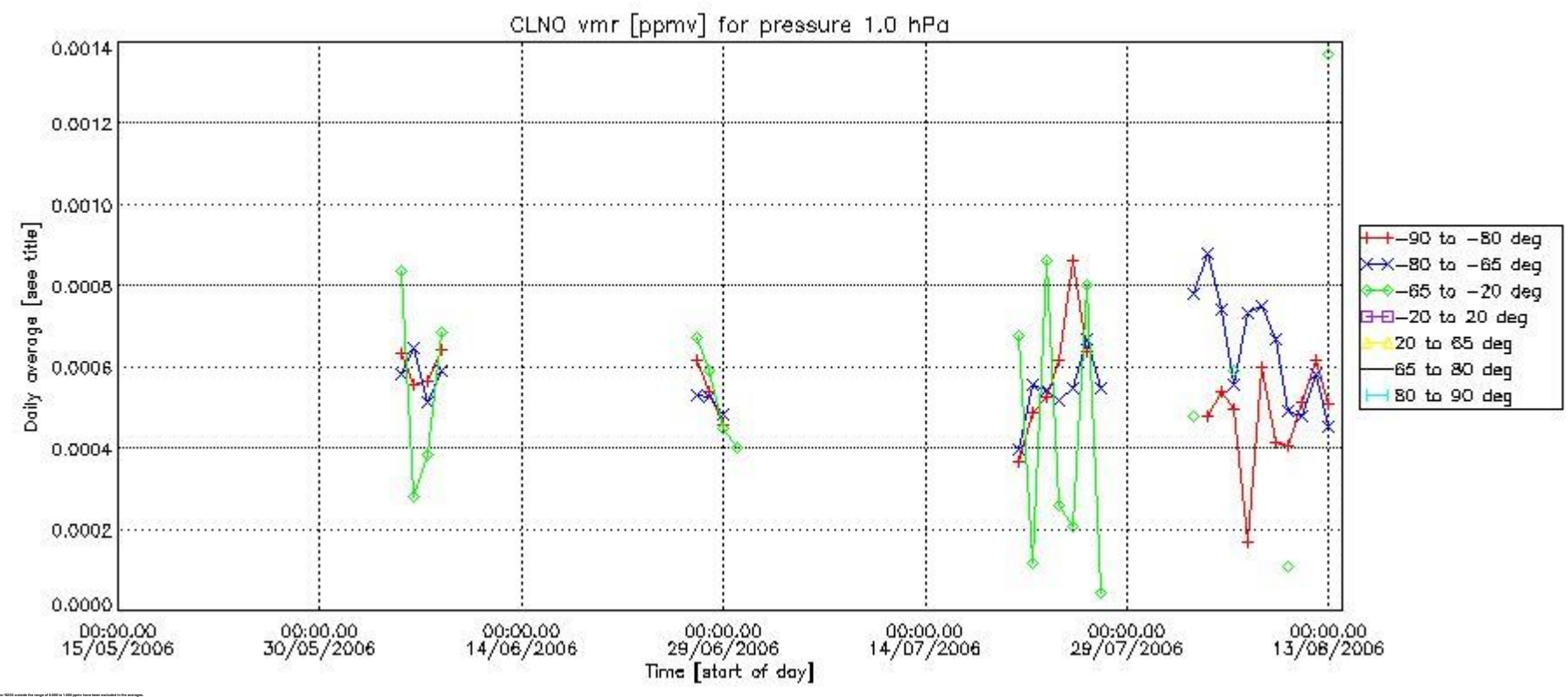
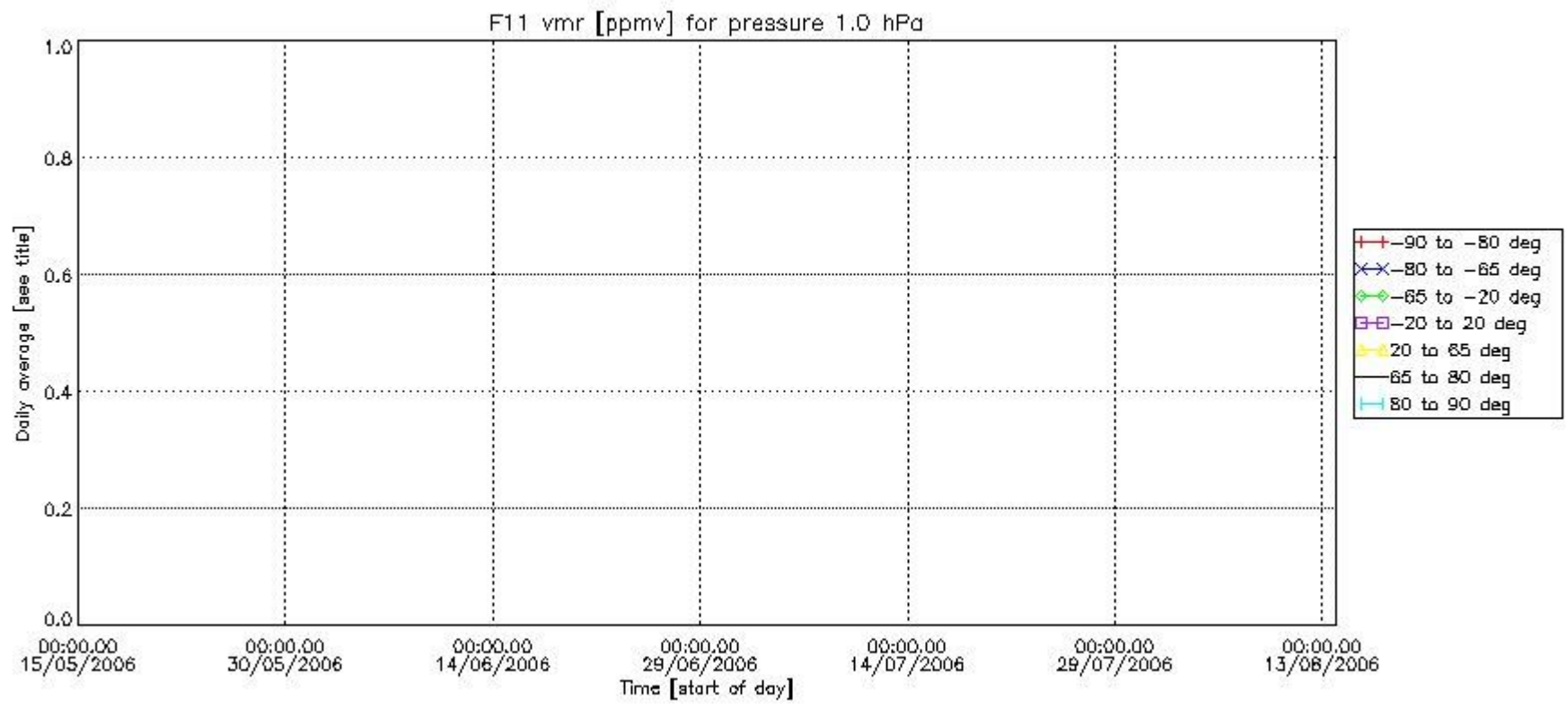


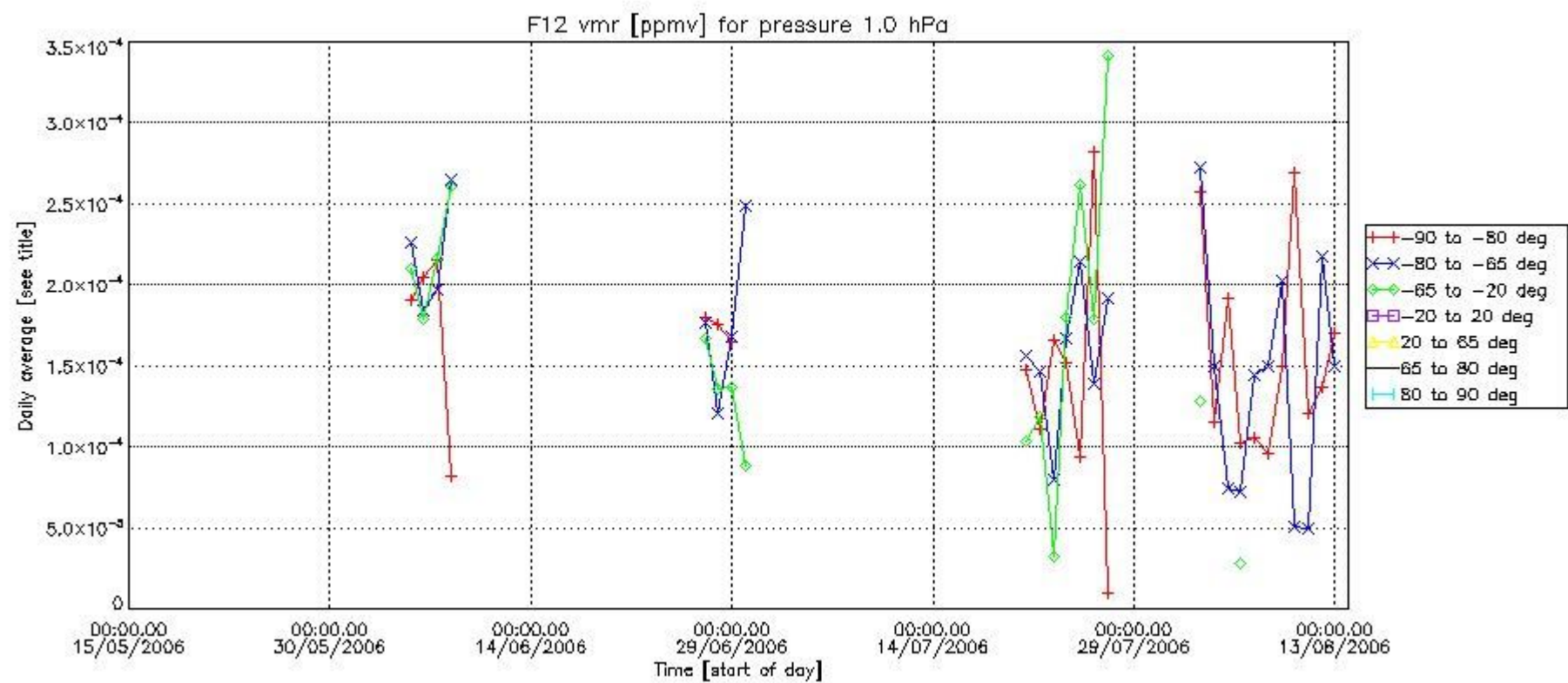
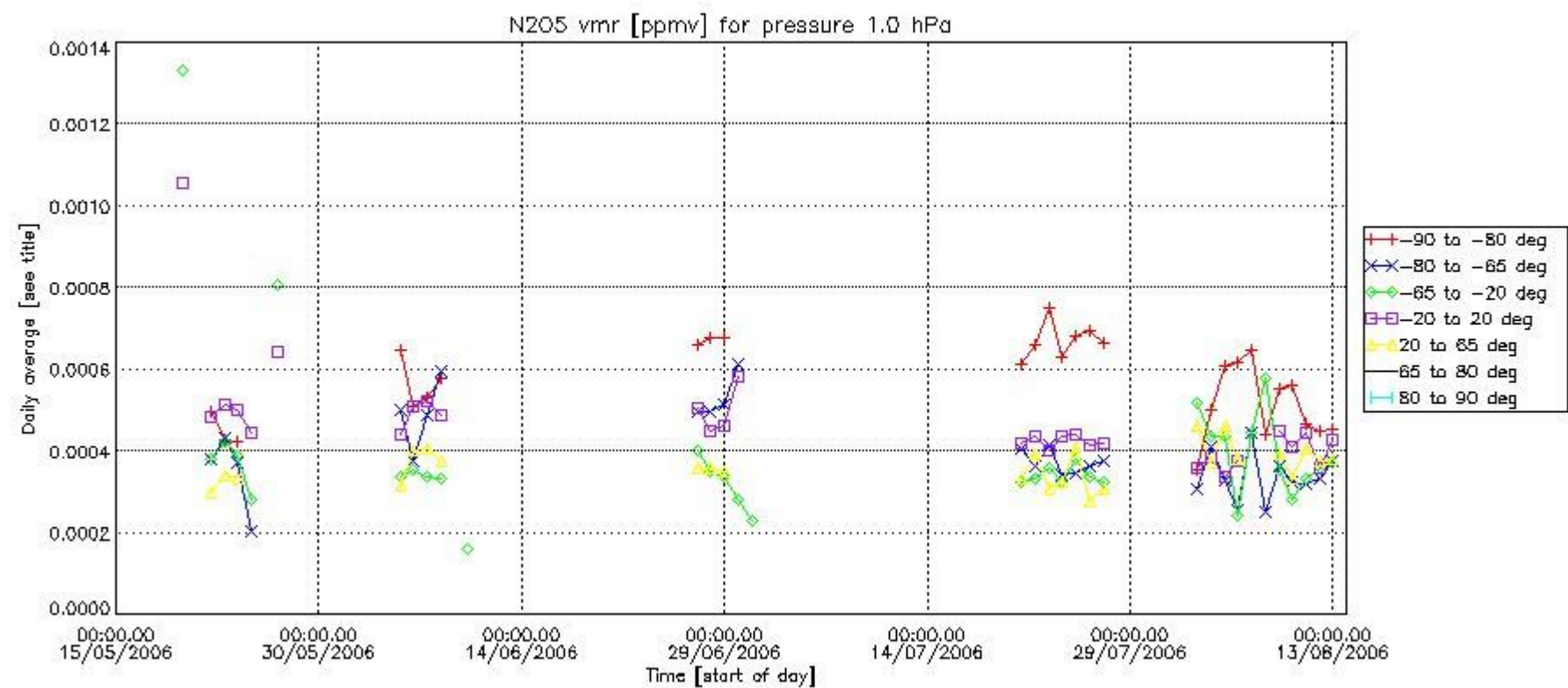


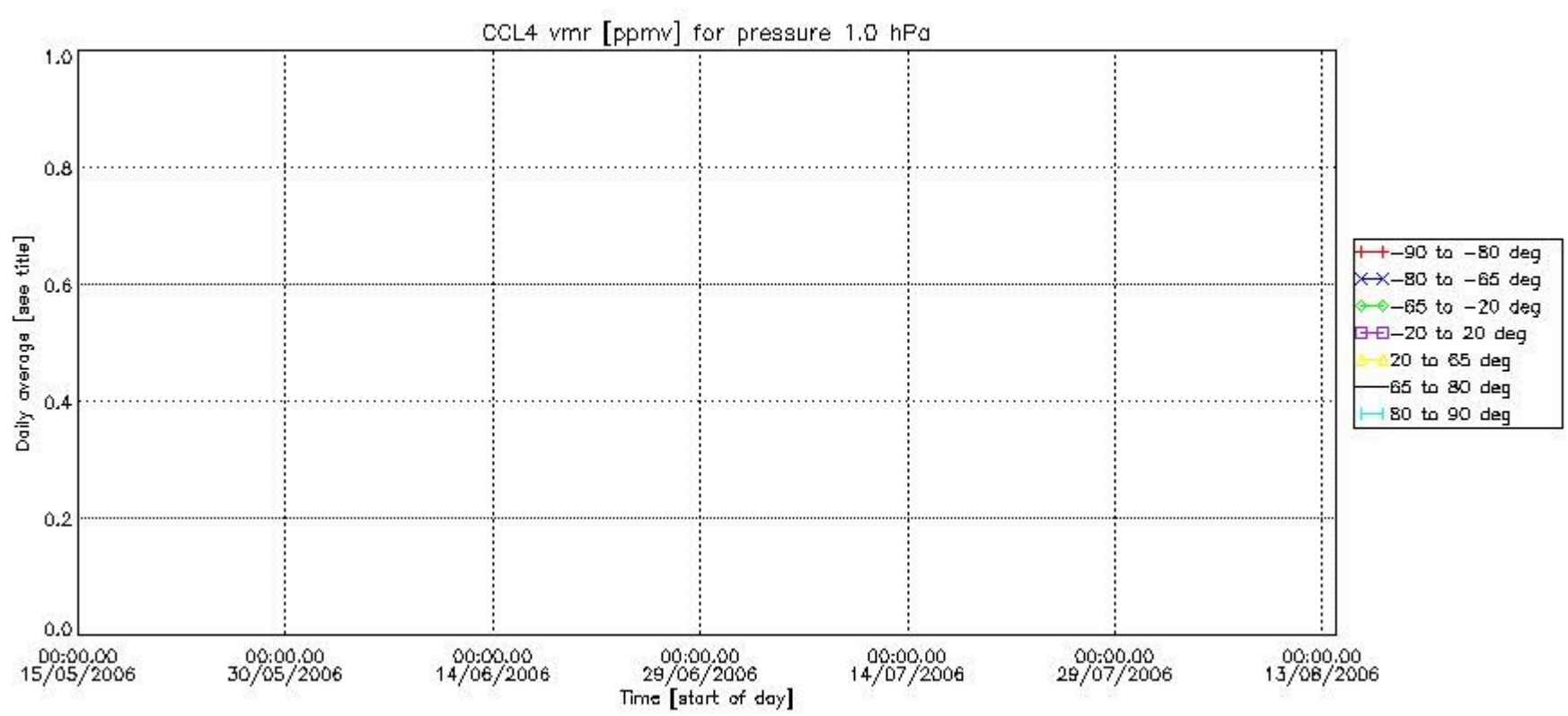
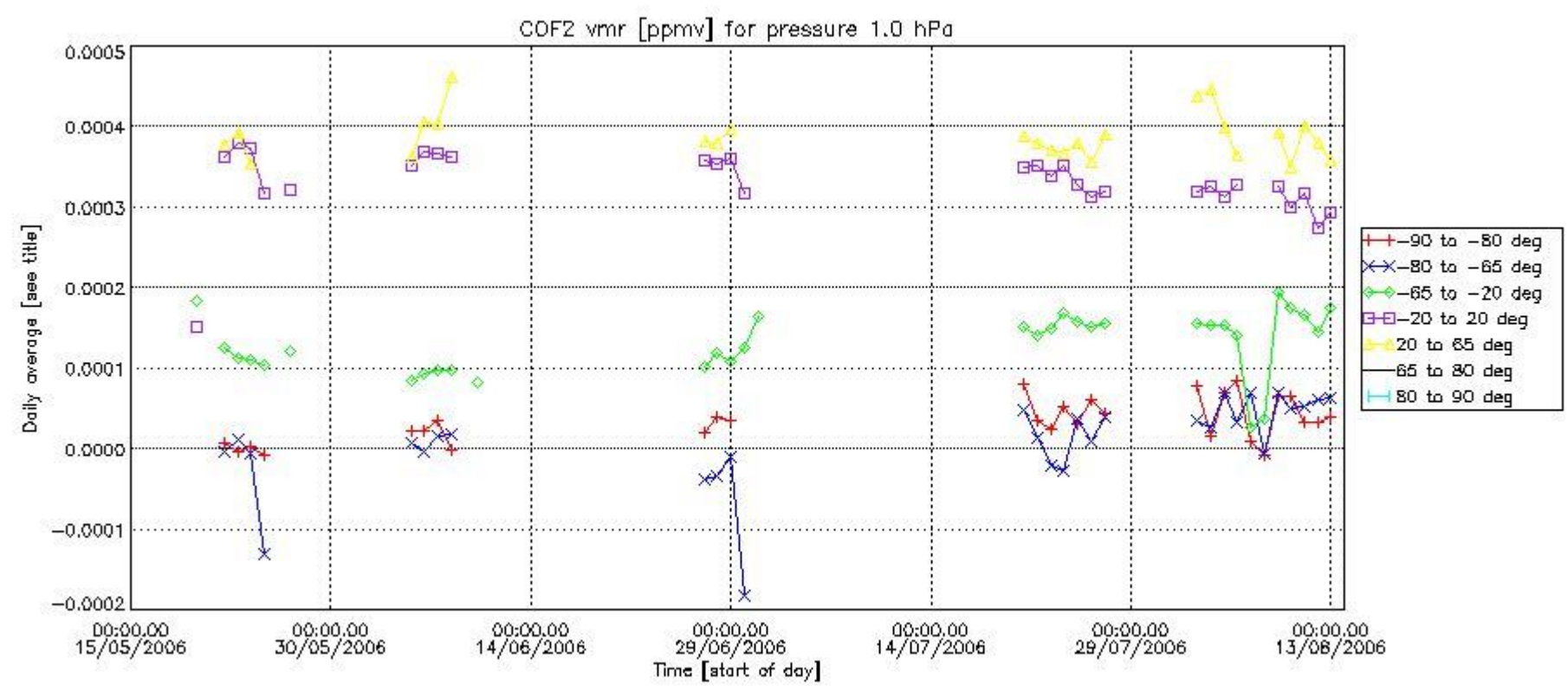


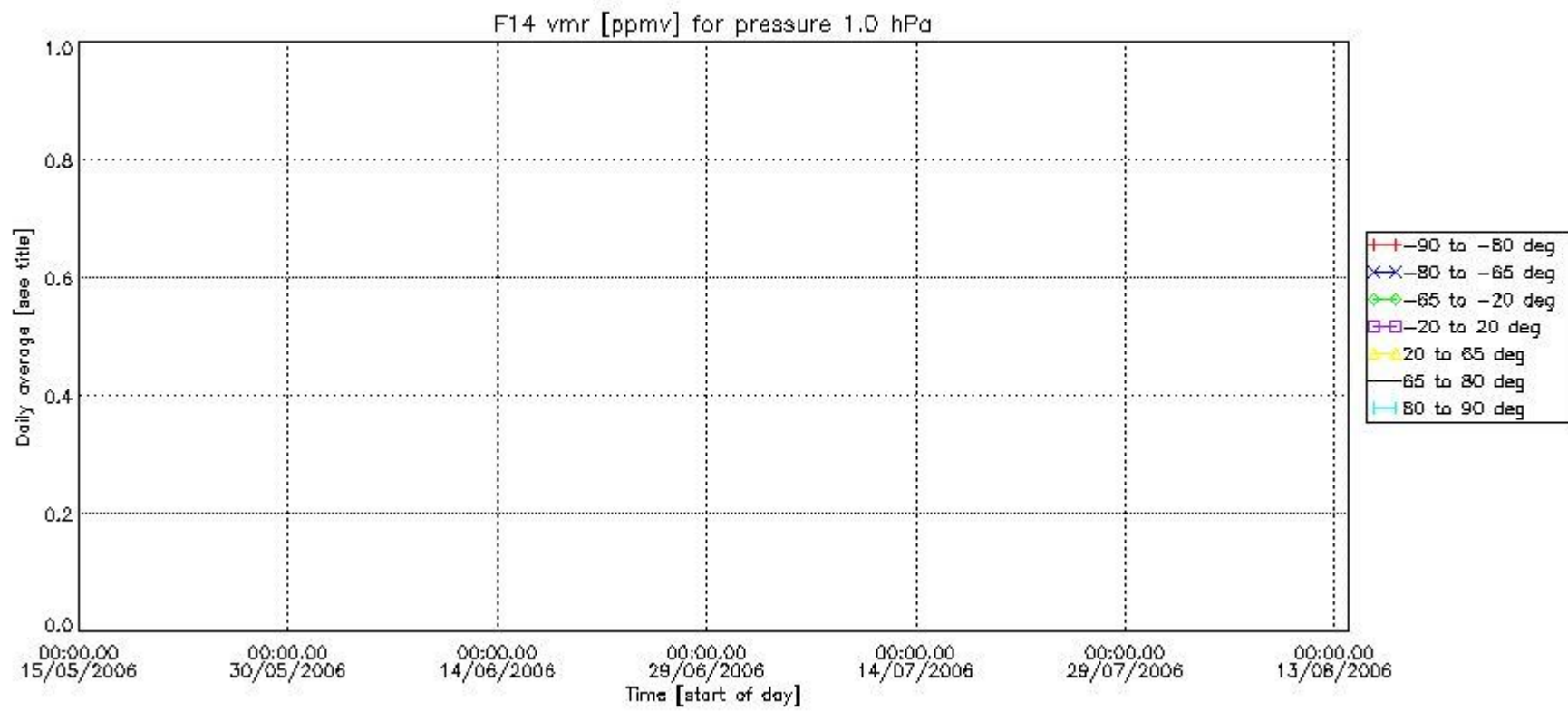
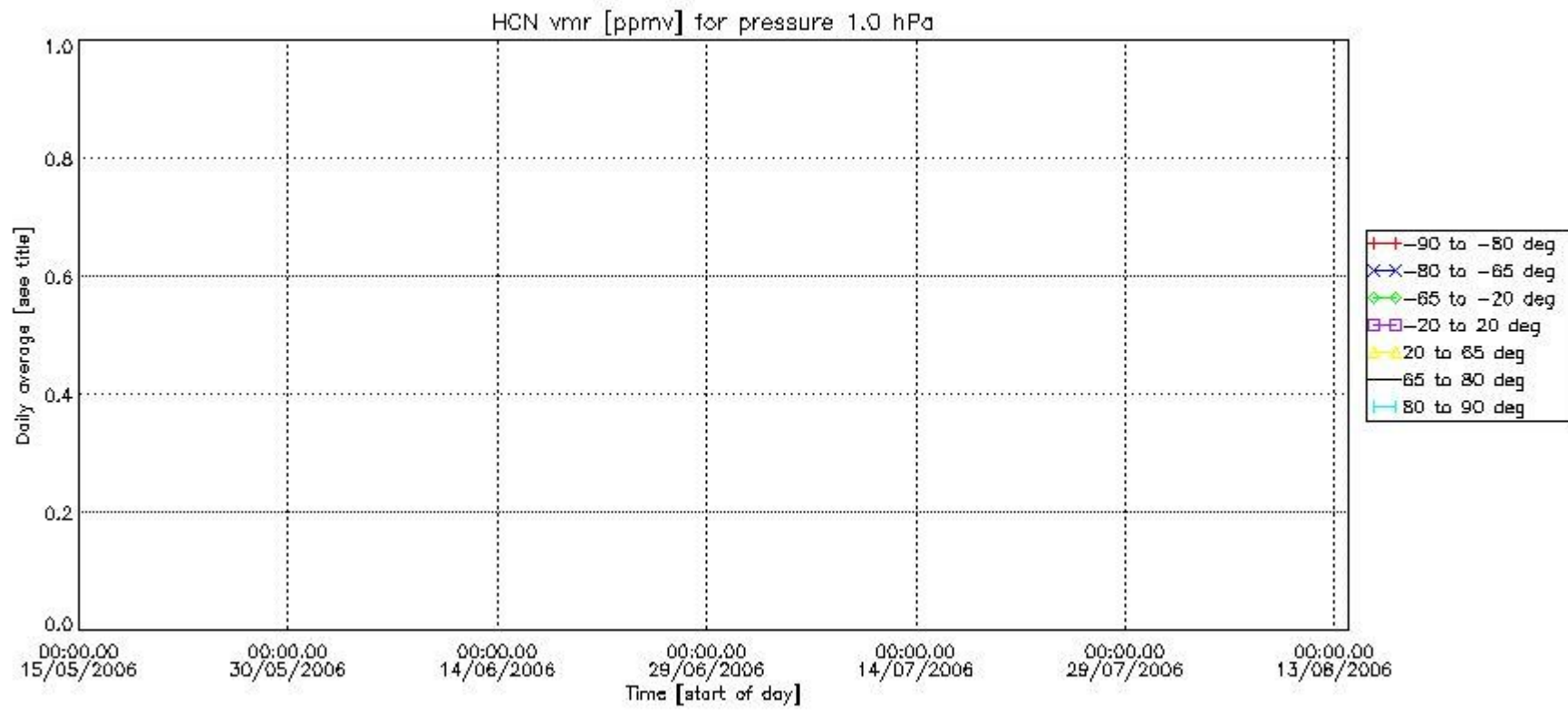


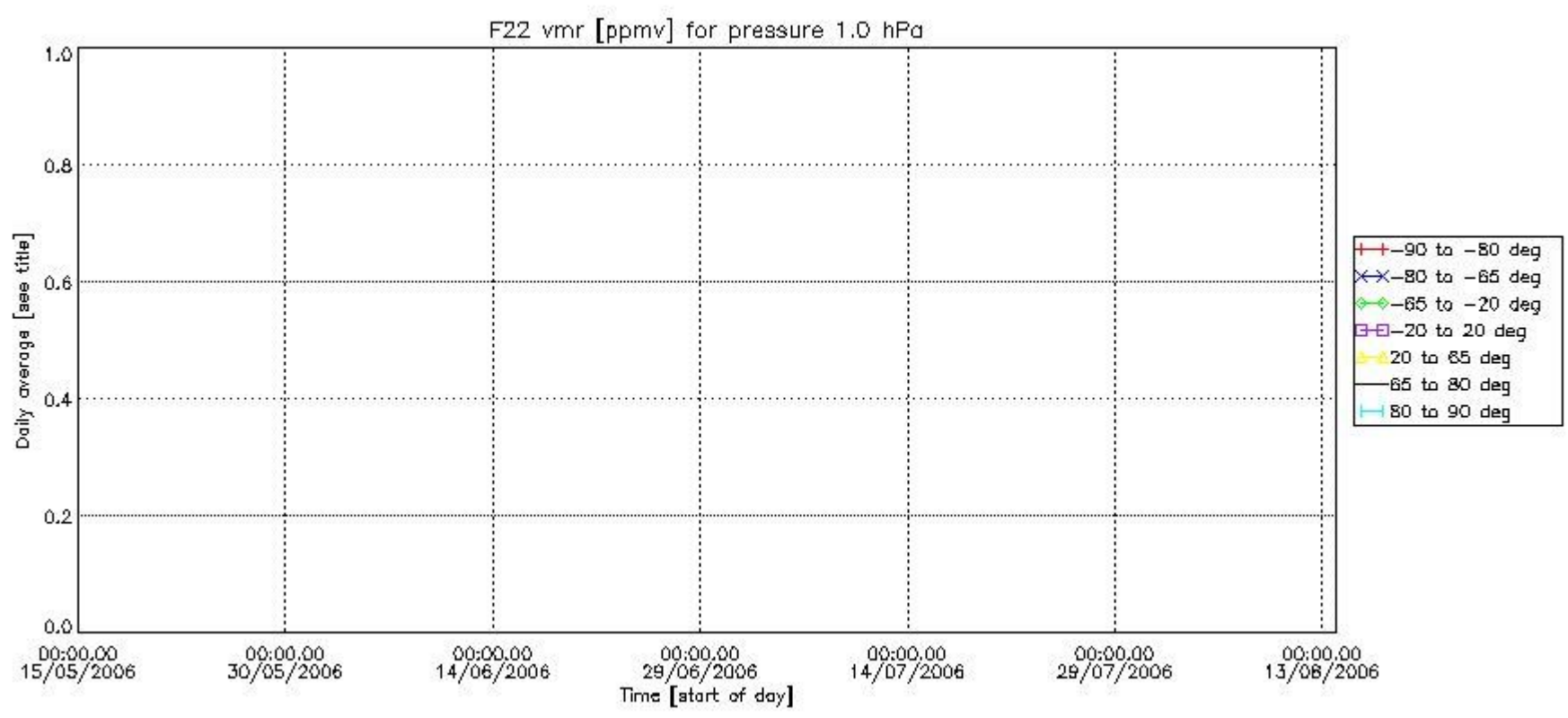












Number of successful retrievals vs. geolocation (\*=day side , triangle=night side).

