

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

(See [mipas\\_daily\\_report\\_level2\\_ML2PP\\_7\\_03\\_W\\_20060803.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 19:14:05
Data source version	ML2PP/7.03-W
Processing scope for products	03AUG2006 00:00:00 to 04AUG2006 00:00:00
Start time of first product within scope	03AUG2006 20:03:25
Stop time of last product within scope	04AUG2006 01:10:21
Total number of level 2 products	4
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__2PWDSI20060803_200325_000012532050_00042_23142_1000.N1	03AUG2006 20:03:25	03AUG2006 20:24:19	0	24/24	
1	MIP_NL__2PWDSI20060803_202509_000060302050_00043_23143_1000.N1	03AUG2006 20:25:09	03AUG2006 22:05:39	0	128/128	VMR_TERM_MACRO_MICRO[HCN/micro:1]
2	MIP_NL__2PWDSI20060803_220545_000060302050_00044_23144_1000.N1	03AUG2006 22:05:45	03AUG2006 23:46:14	0	128/128	VMR_TERM_MACRO_MICRO[HCN/macro:1; O3/micro:1]
3	MIP_NL__2PWDSI20060803_234621_000050402050_00045_23145_1000.N1	03AUG2006 23:46:21	04AUG2006 01:10:21	0	111/111	

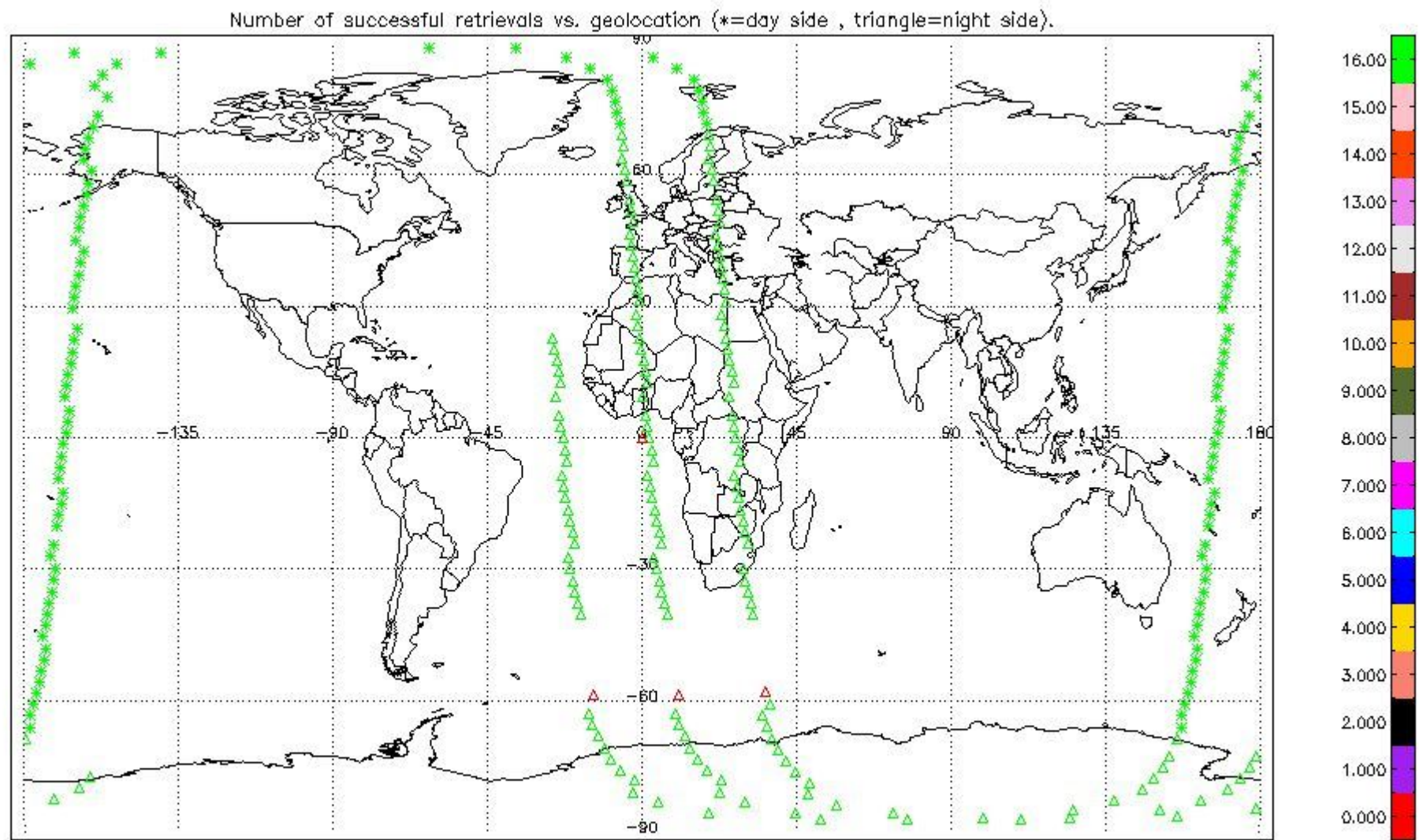
## 2.2 Processing performance indicators

### 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.

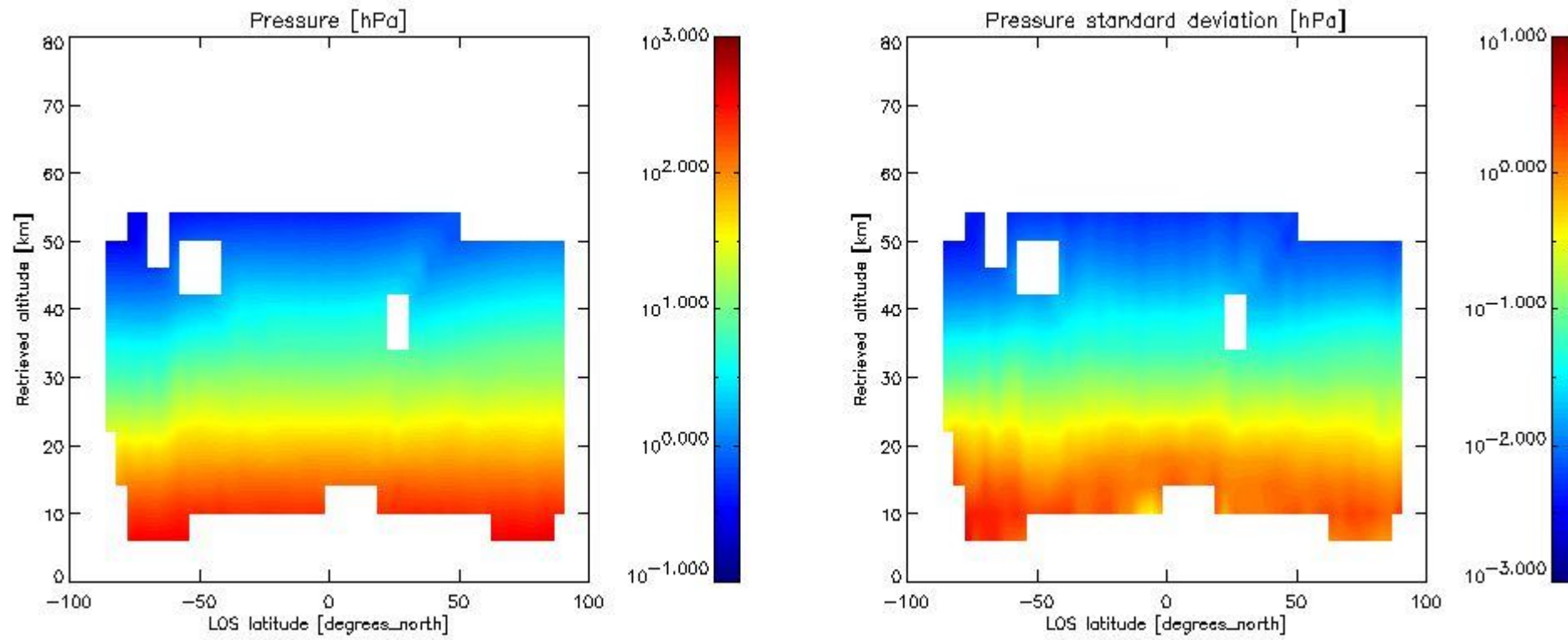
RETRIEVAL MDS	# scans processed	# Successful retrievals	%
PT	391	292	74.680
H2O	391	292	74.680
O3	391	292	74.680
HNO3	391	292	74.680
CH4	391	292	74.680
N2O	391	292	74.680

NO2	391	292	74.680
F11	391	292	74.680
CLNO	391	292	74.680
N2O5	391	292	74.680
F12	391	292	74.680
COF2	391	292	74.680
CCL4	391	292	74.680
HCN	391	292	74.680
F14	391	292	74.680
F22	391	292	74.680



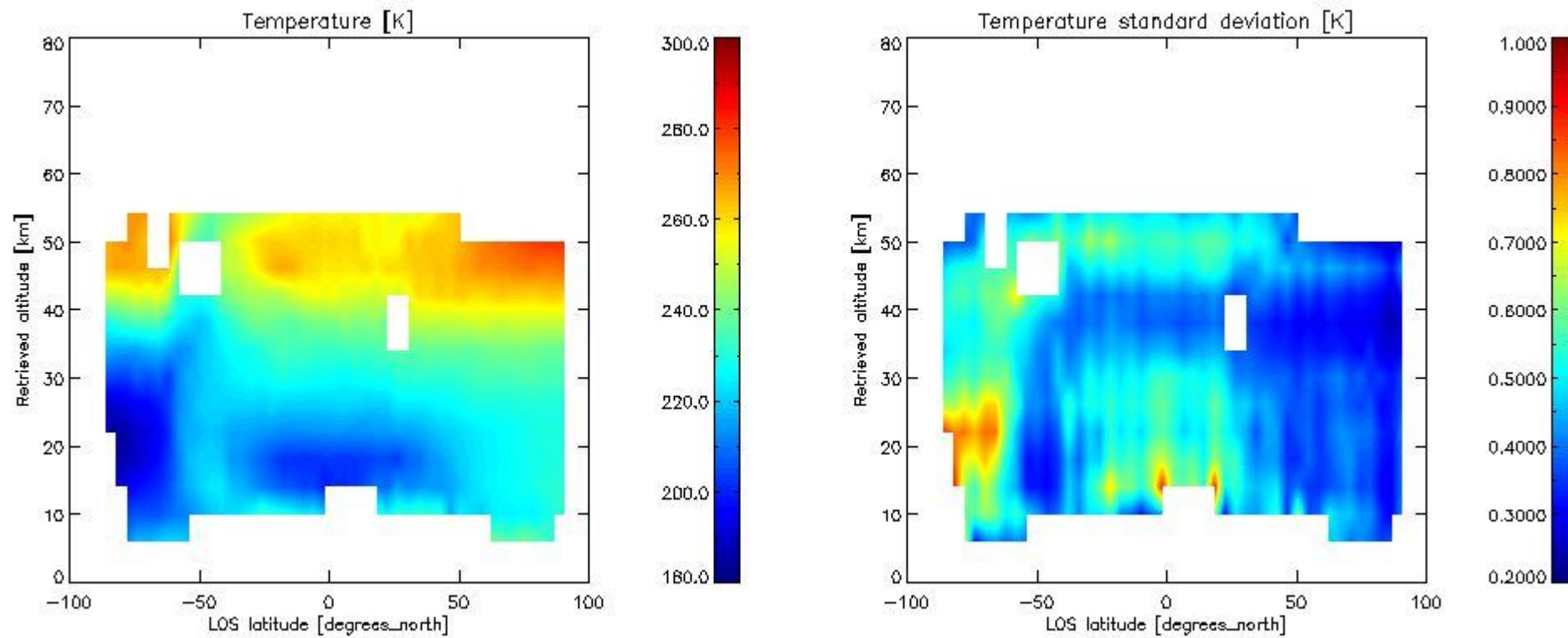
## 2.2.2 Pressure overview

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



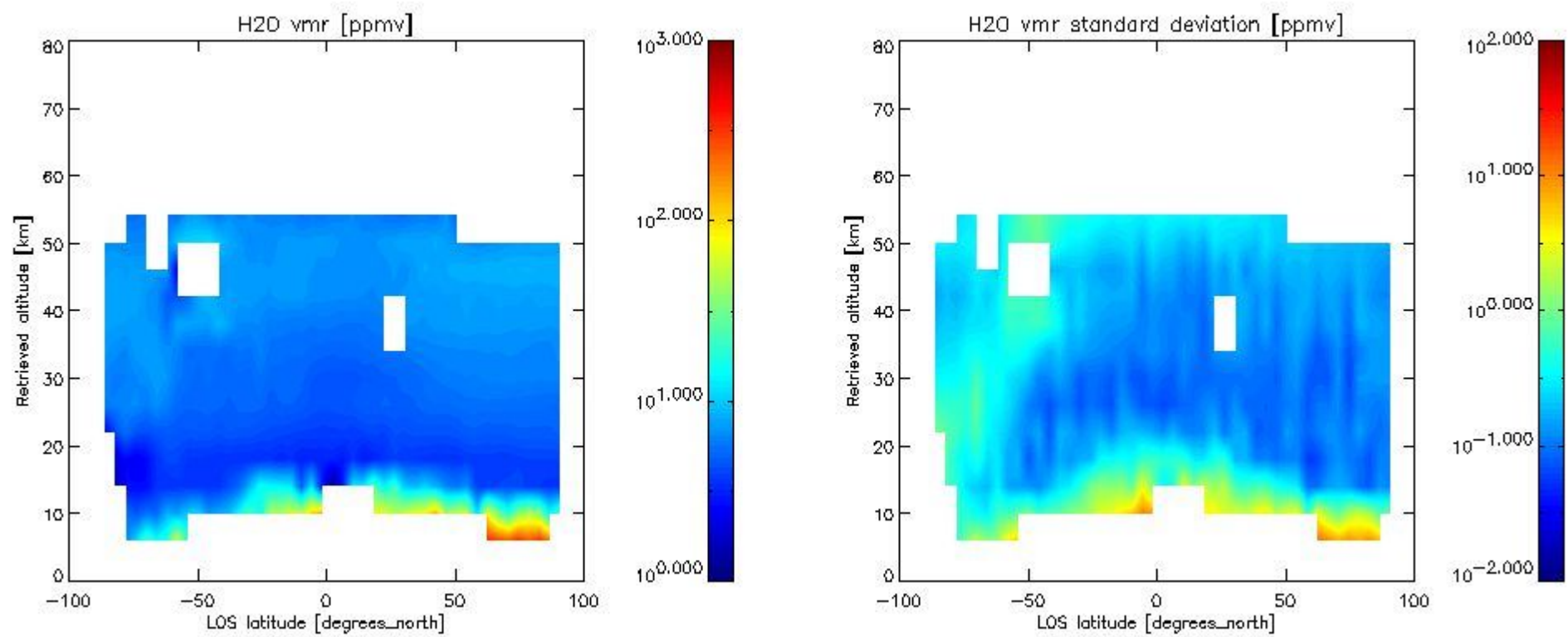
### 2.2.3 Temperature overview

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

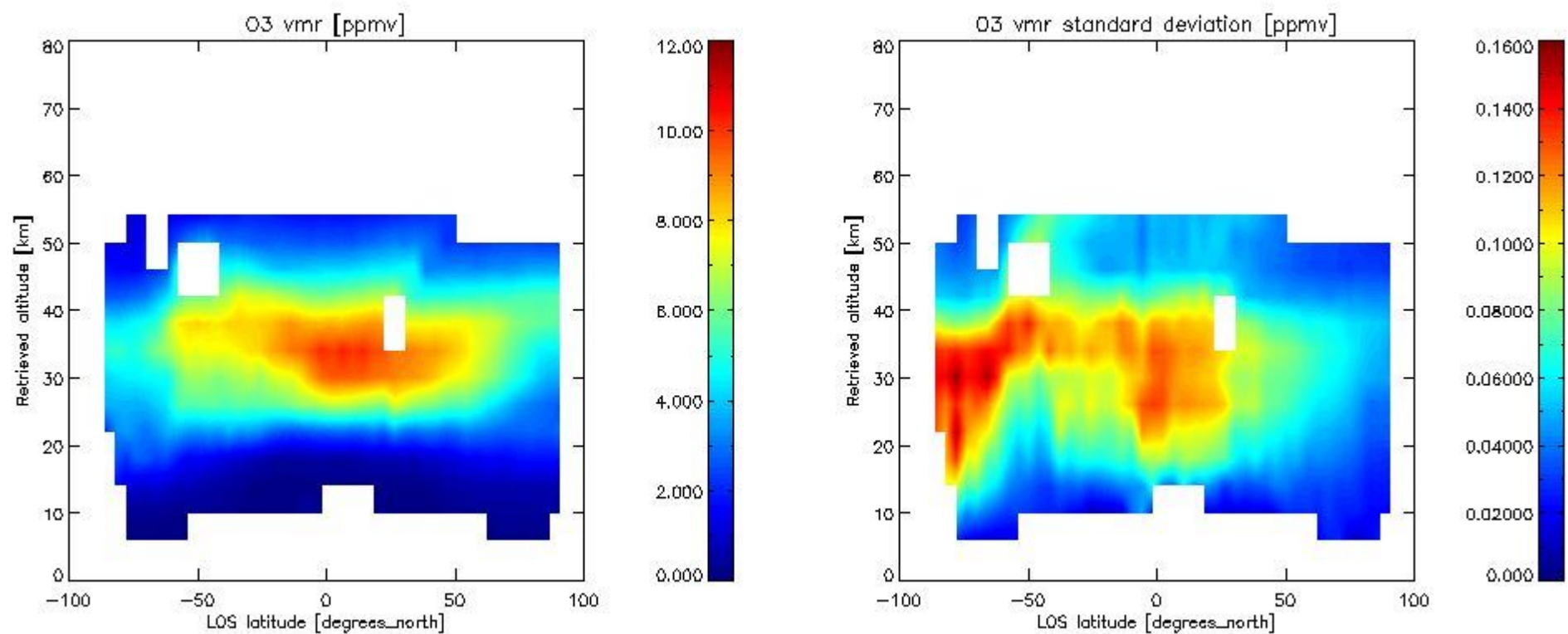


### 2.2.4 Species overview

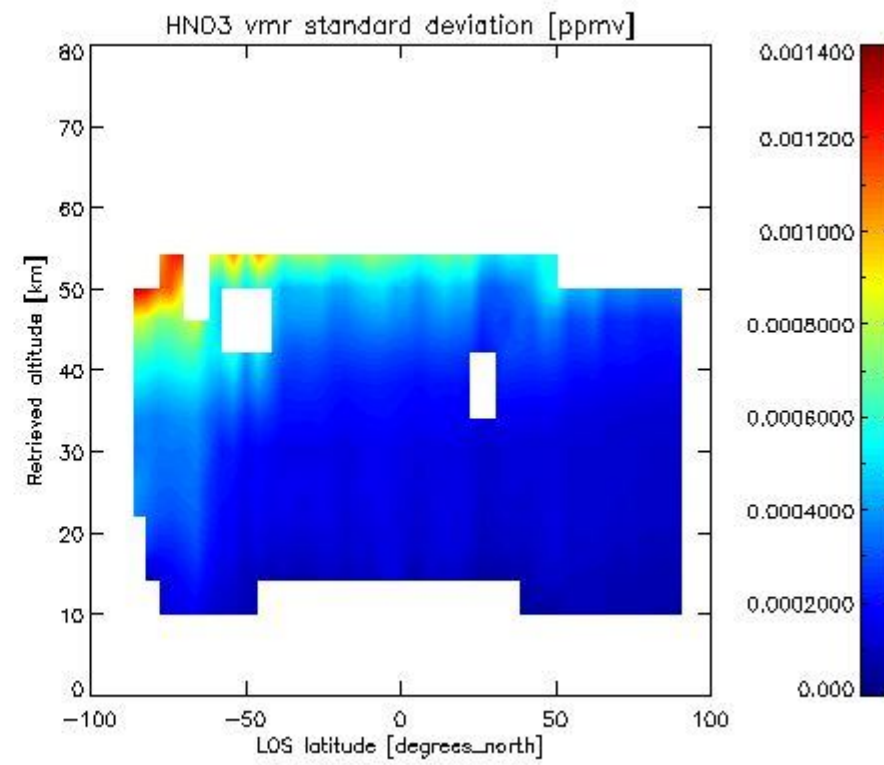
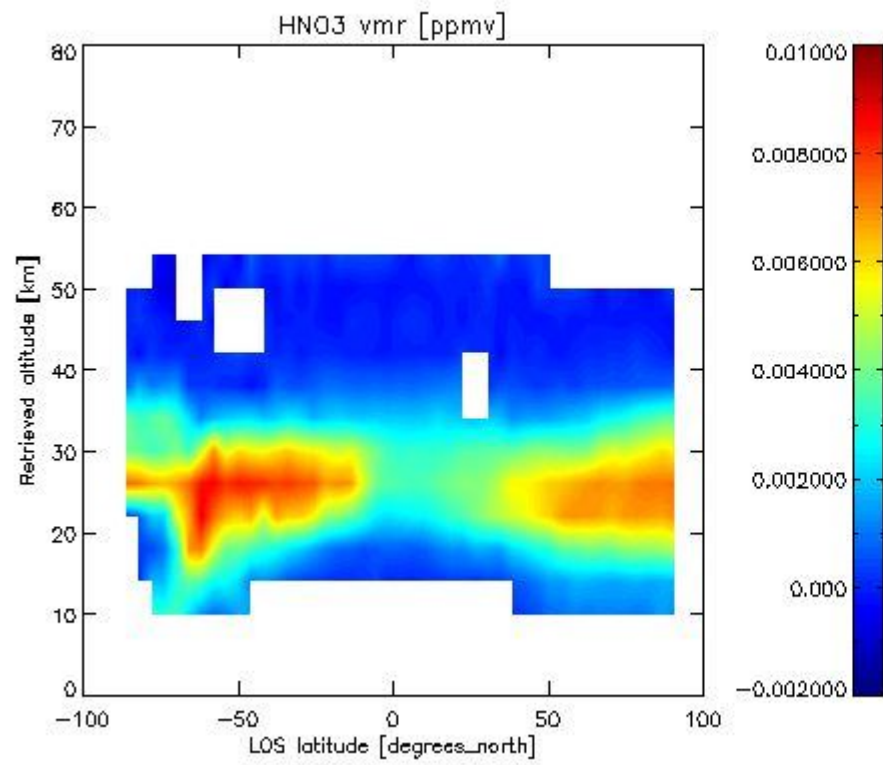
**2.2.4.1 H<sub>2</sub>O overview** This section shows values (left) and error (right) for H<sub>2</sub>O after binning individual sweep values over retrieved altitude and tangent latitude.



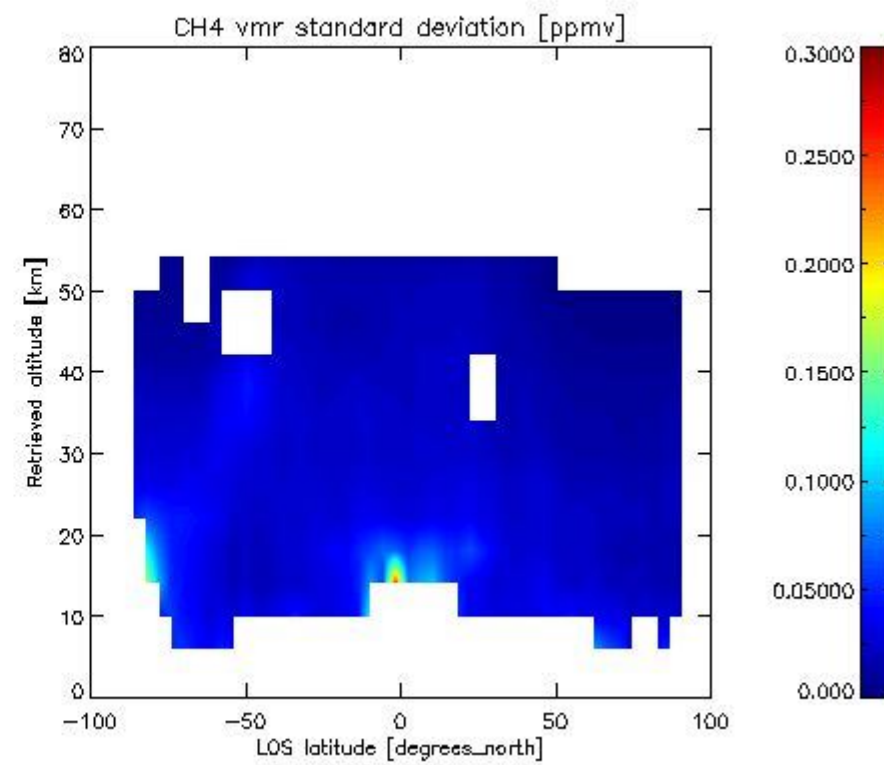
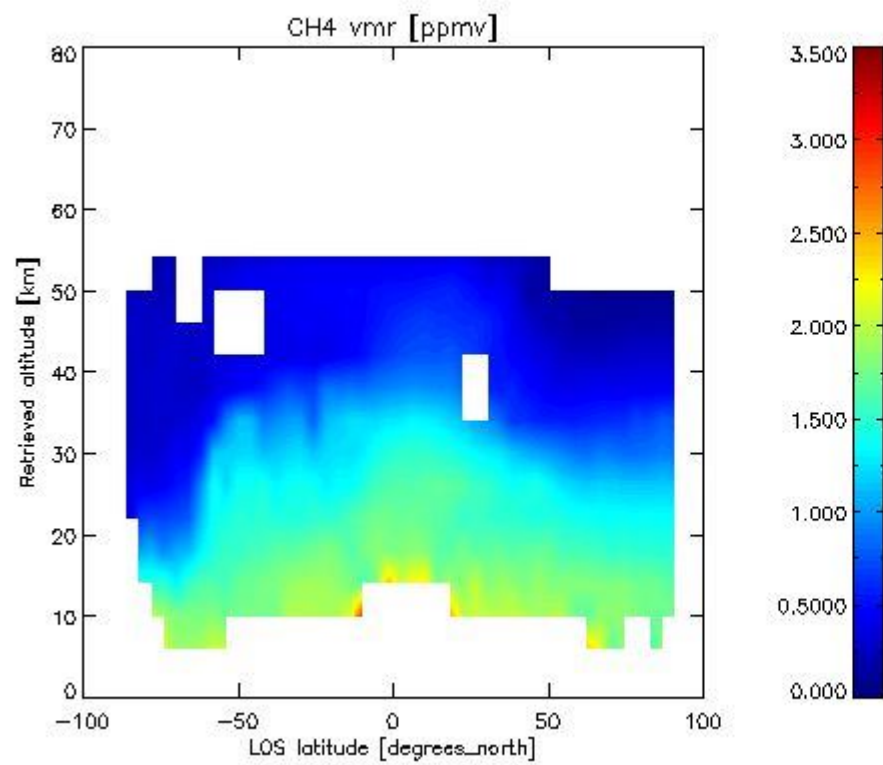
2.2.4.2 O<sub>3</sub> overview This section shows values (left) and error (right) for O<sub>3</sub> after binning individual sweep values over retrieved altitude and tangent latitude.



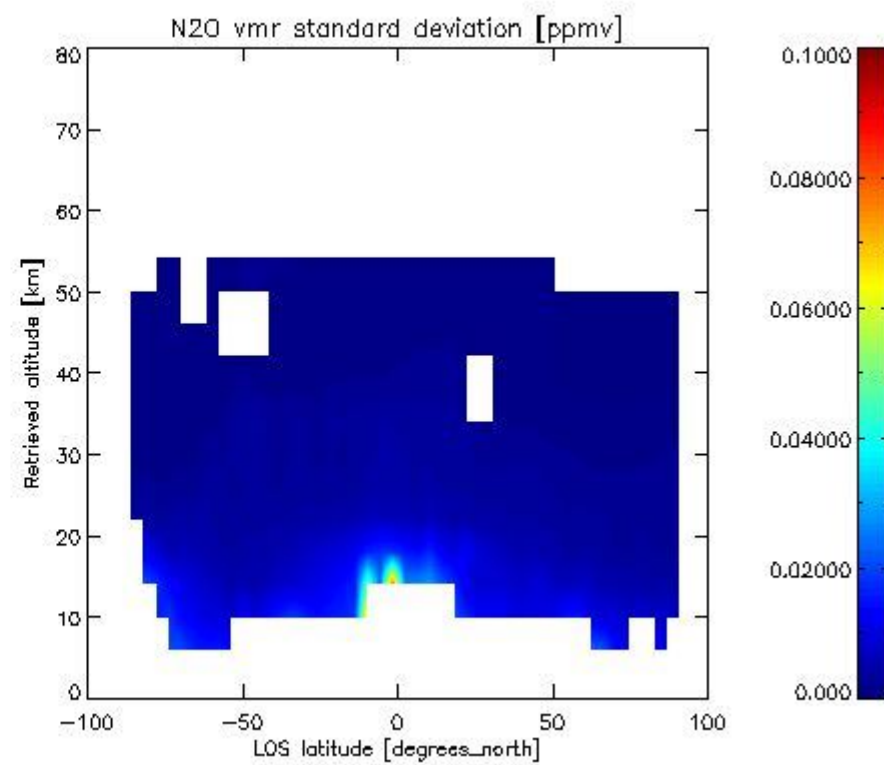
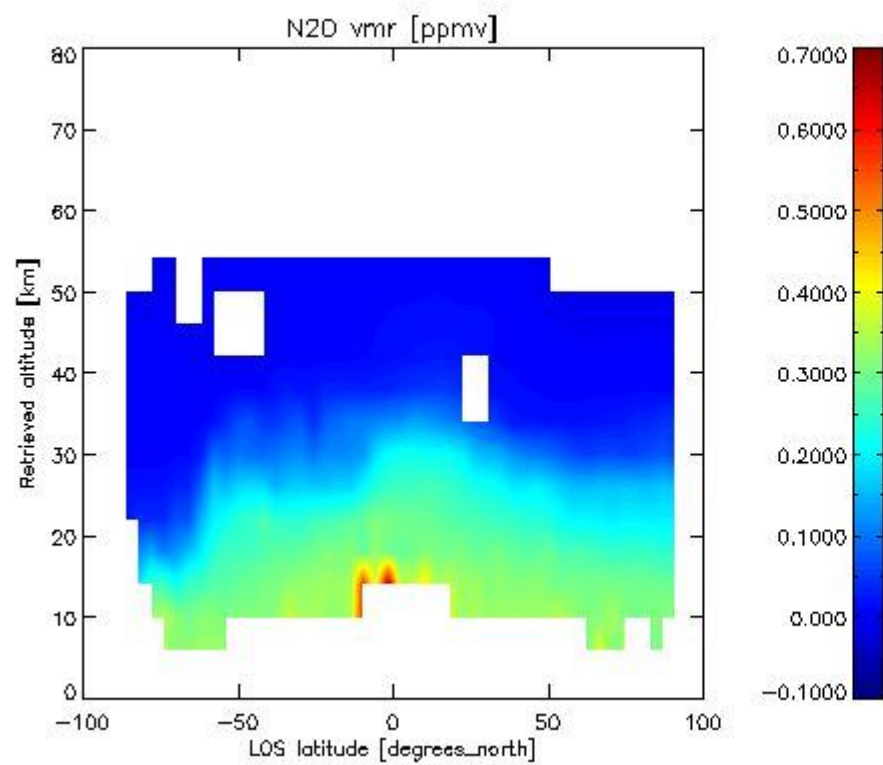
2.2.4.3 HNO<sub>3</sub> overview This section shows values (left) and error (right) for HNO<sub>3</sub> after binning individual sweep values over retrieved altitude and tangent latitude.



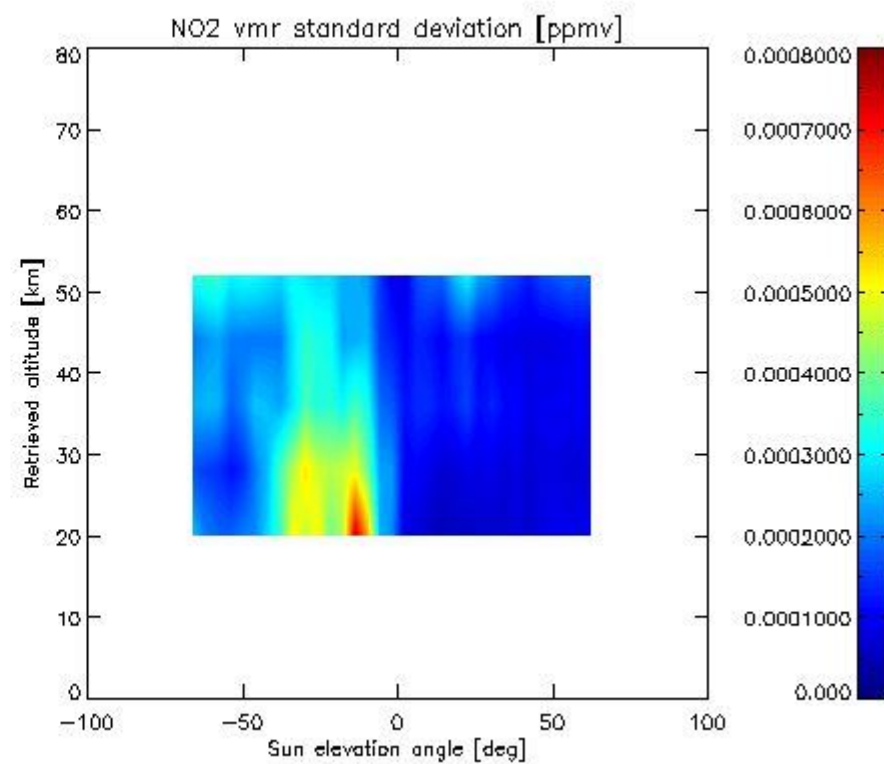
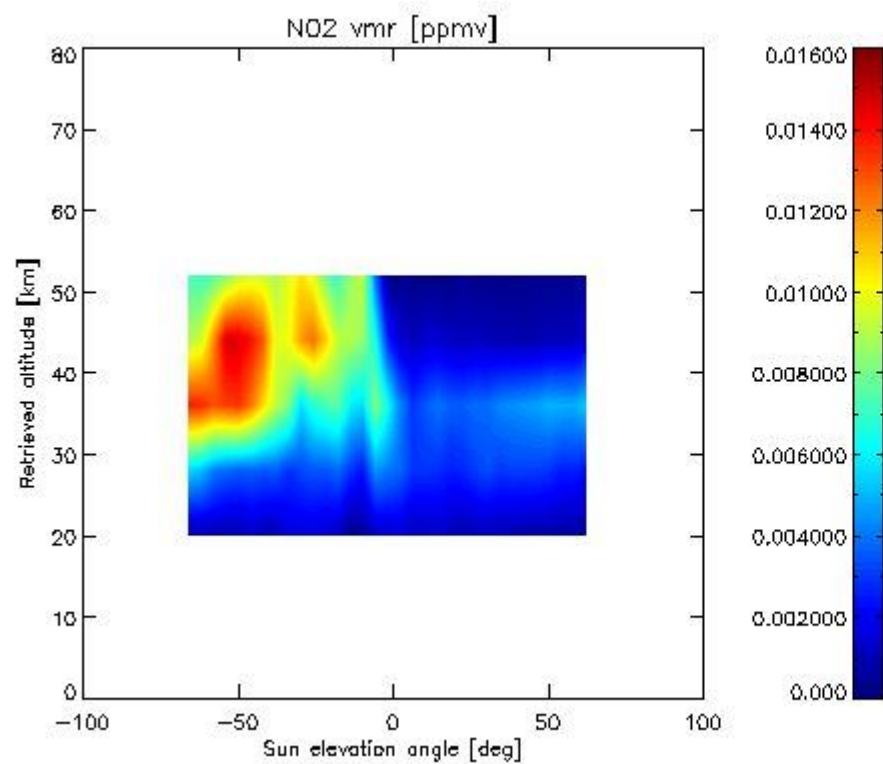
2.2.4.4 CH<sub>4</sub> overview This section shows values (left) and error (right) for CH<sub>4</sub> after binning individual sweep values over retrieved altitude and tangent latitude.



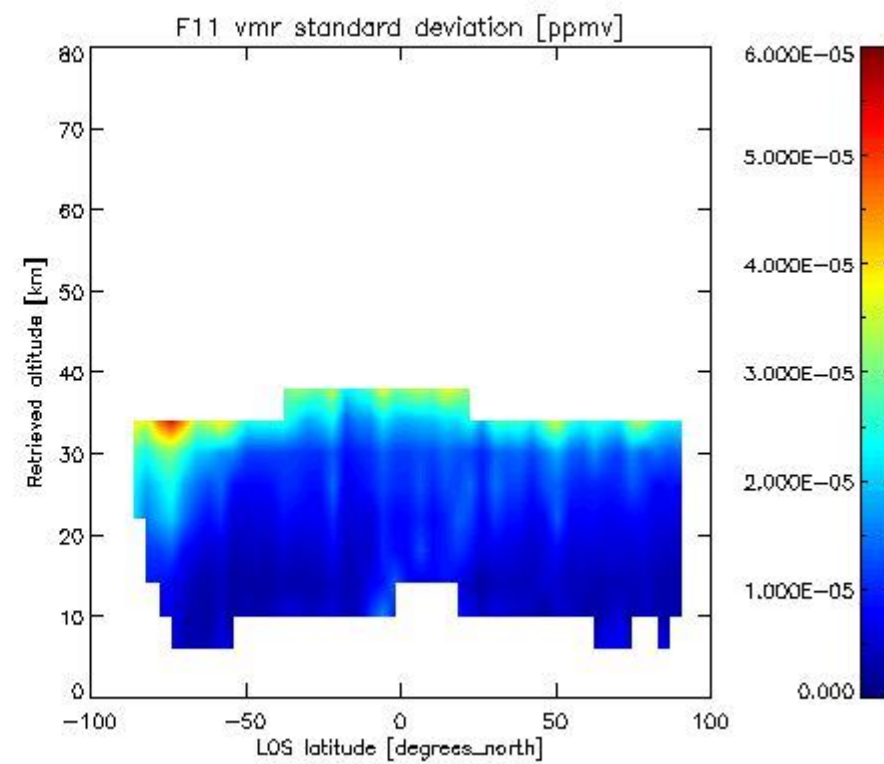
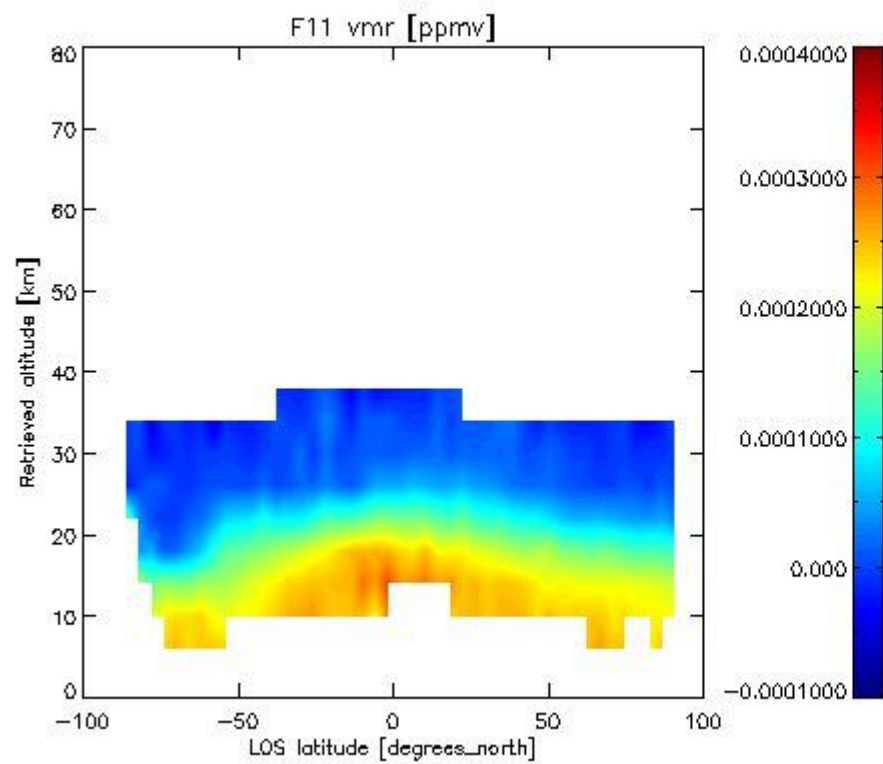
2.2.4.5 N<sub>2</sub>O overview This section shows values (left) and error (right) for N<sub>2</sub>O after binning individual sweep values over retrieved altitude and tangent latitude.



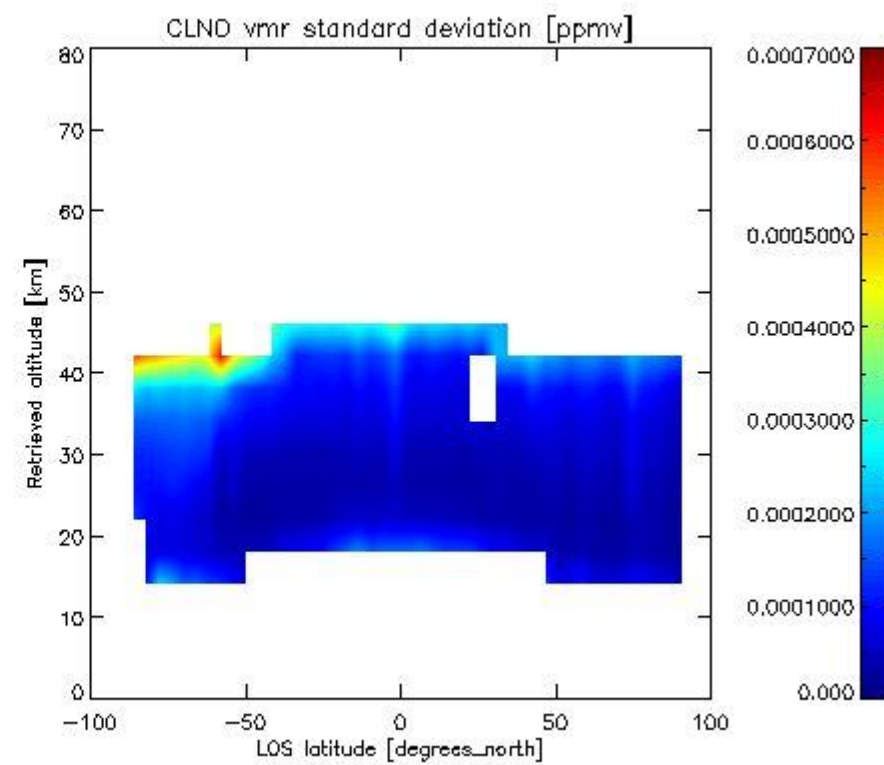
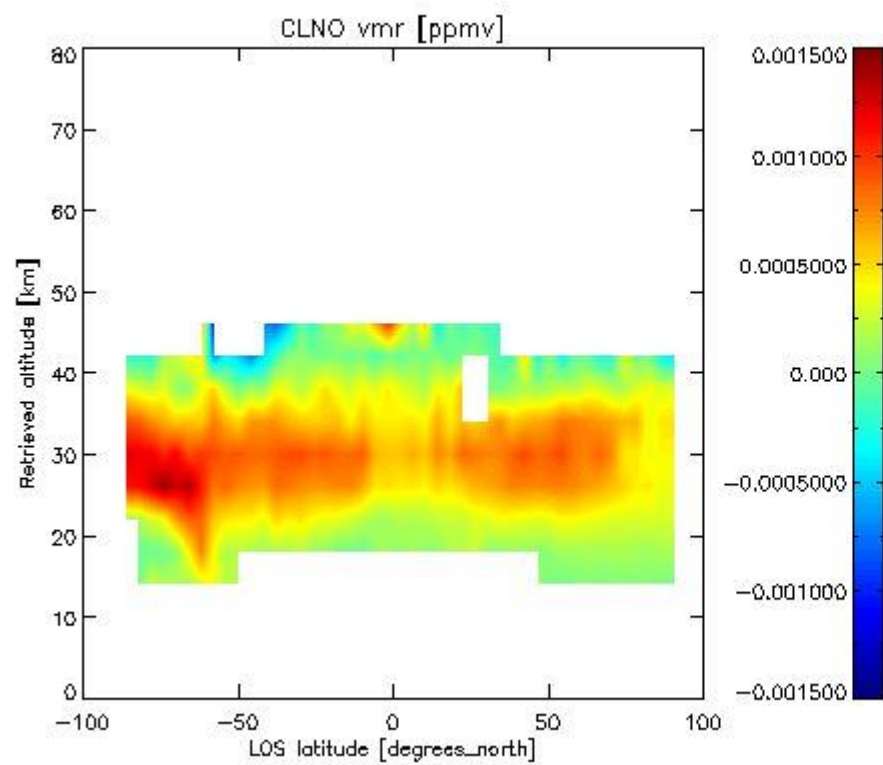
2.2.4.6 NO<sub>2</sub> overview This section shows values (left) and error (right) for NO<sub>2</sub> after binning individual sweep values over retrieved altitude and Sun Elevation Angle. Note that for NO<sub>2</sub> the bin heights are 6 km.



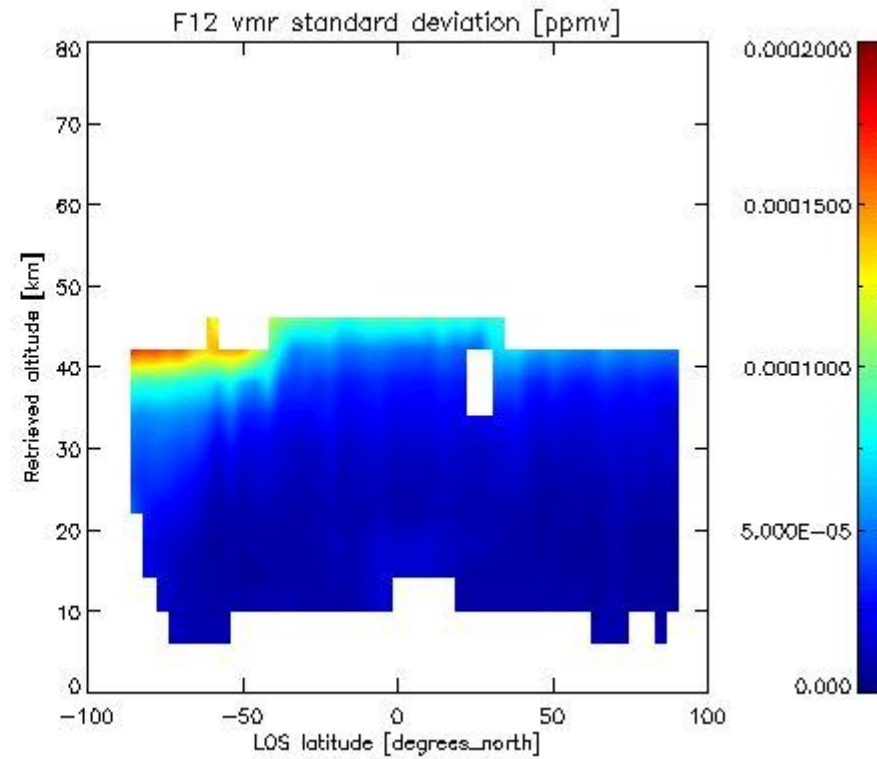
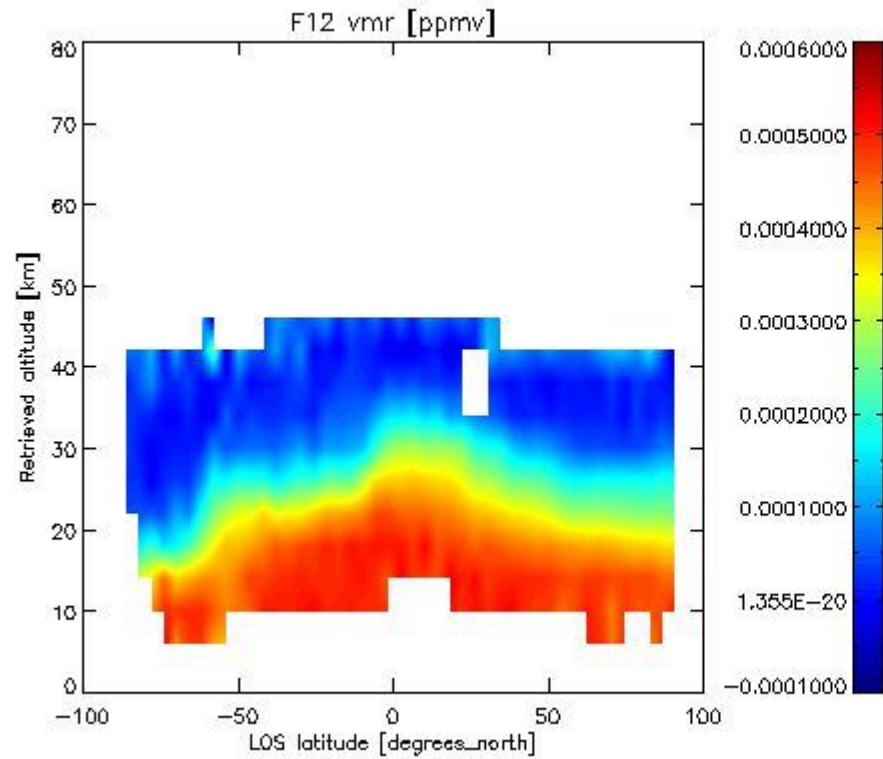
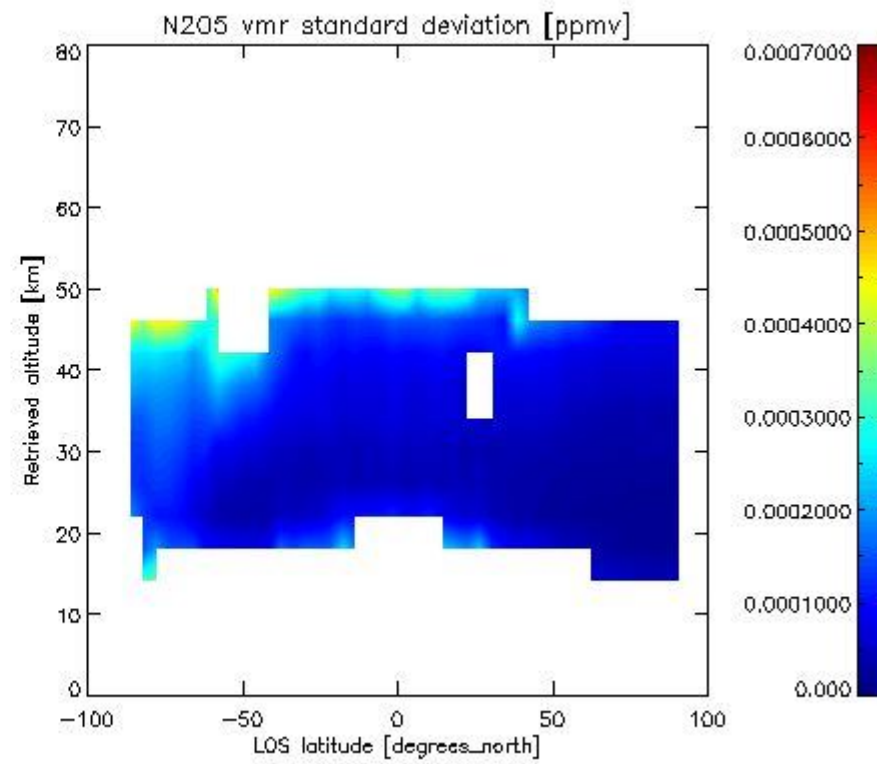
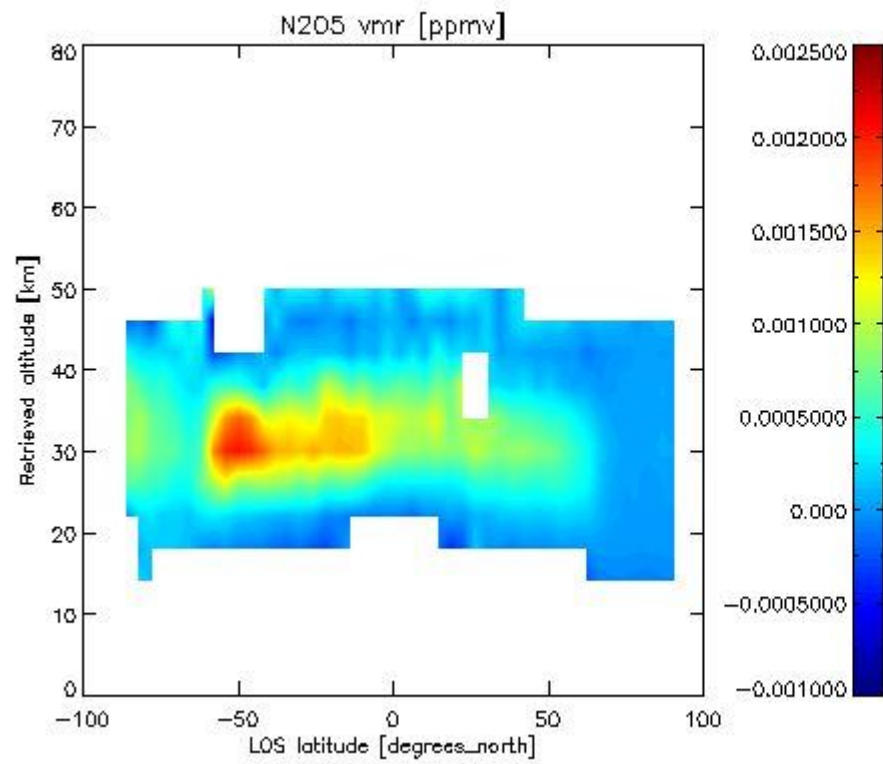
2.2.4.7 F11 overview This section shows values (left) and error (right) for F11 after binning individual sweep values over retrieved altitude and tangent latitude.



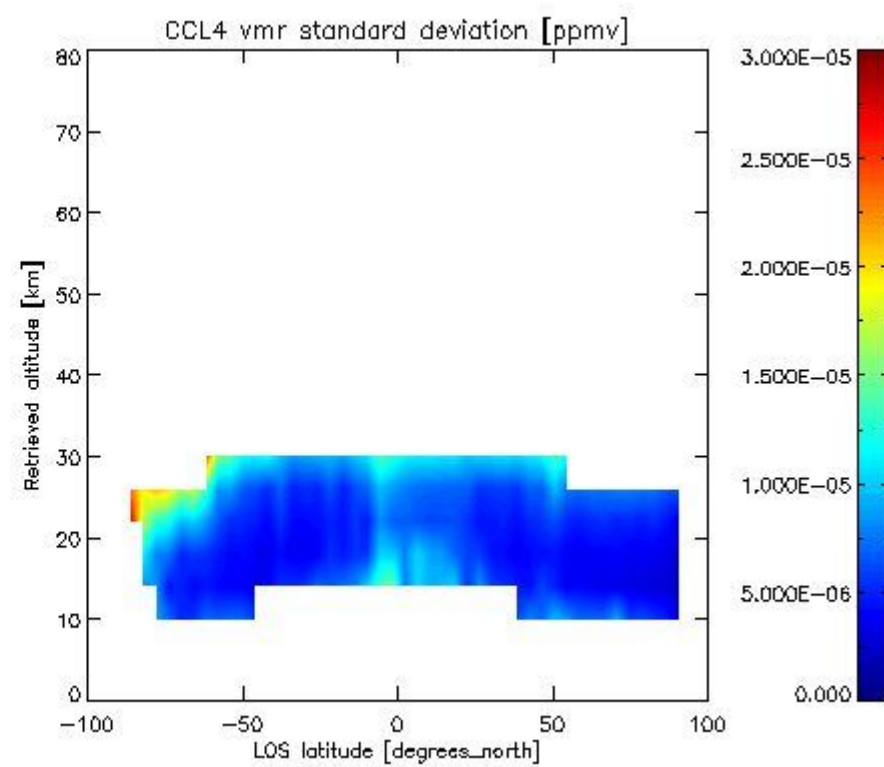
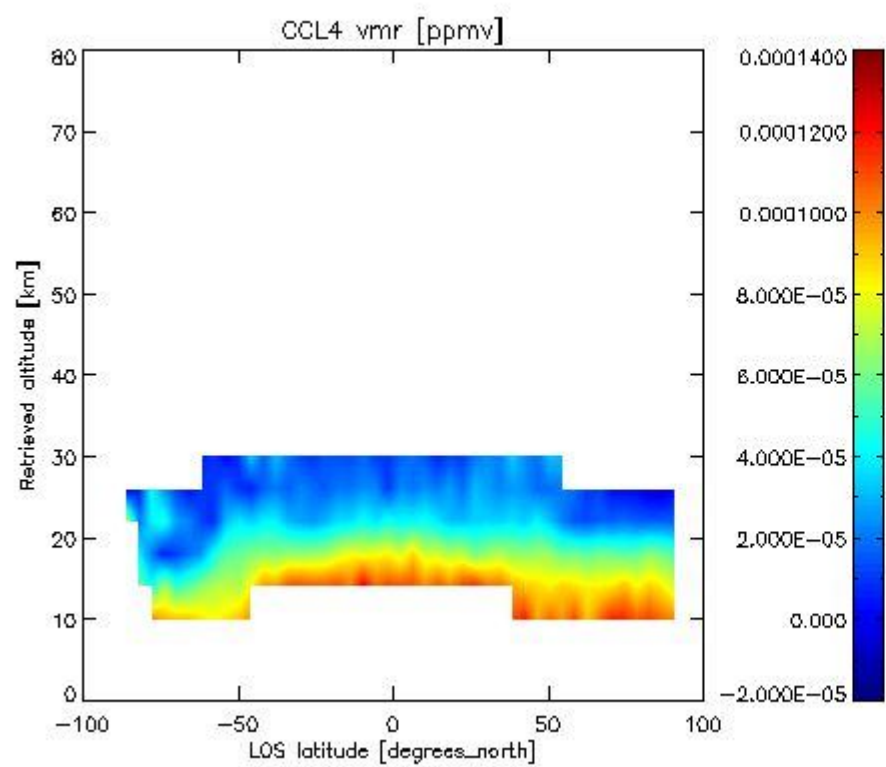
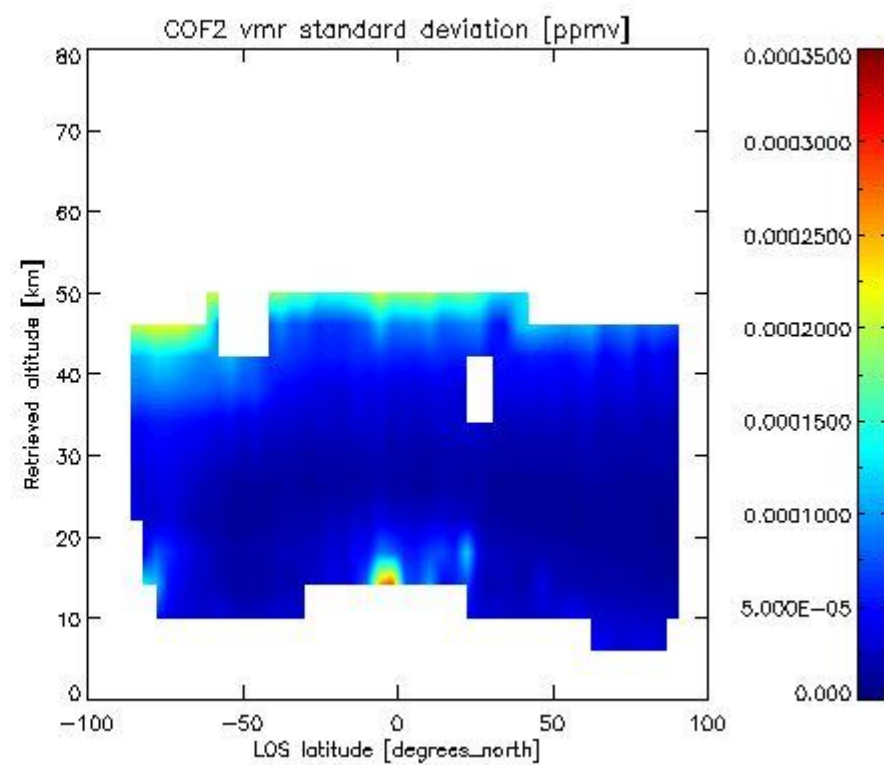
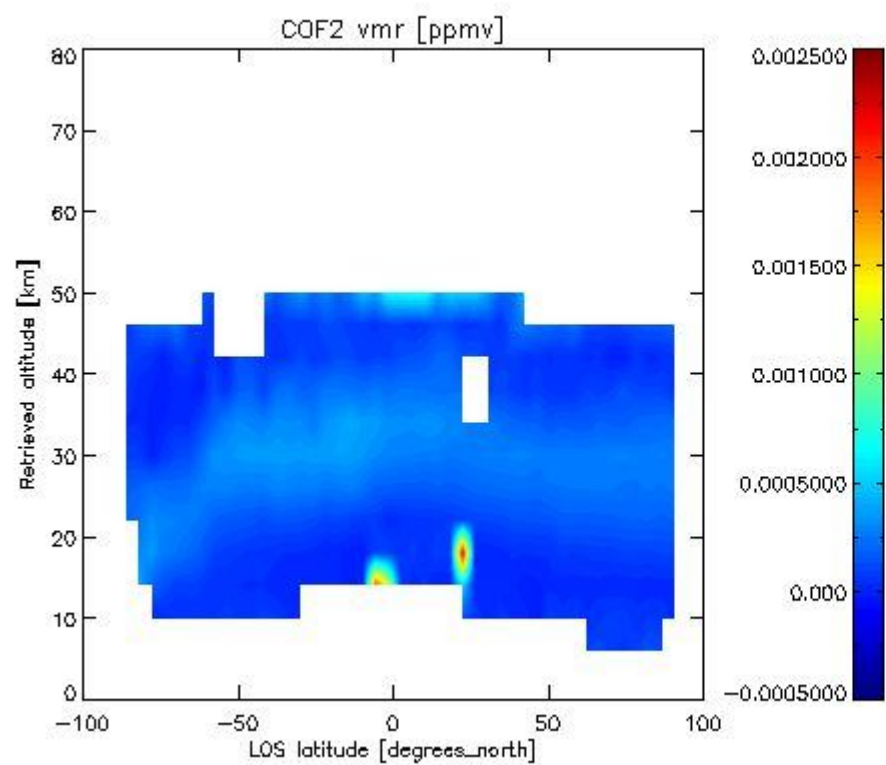
2.3.4 CLNO overview This section shows values (left) and error (right) for CLNO after binning individual sweep values over retrieved altitude and target latitude.

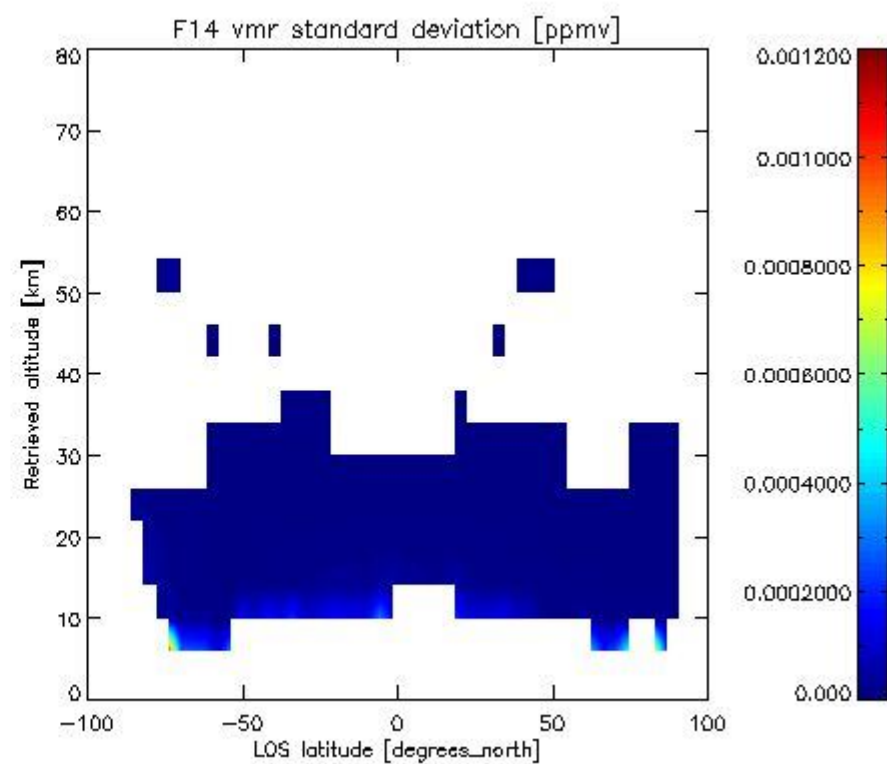
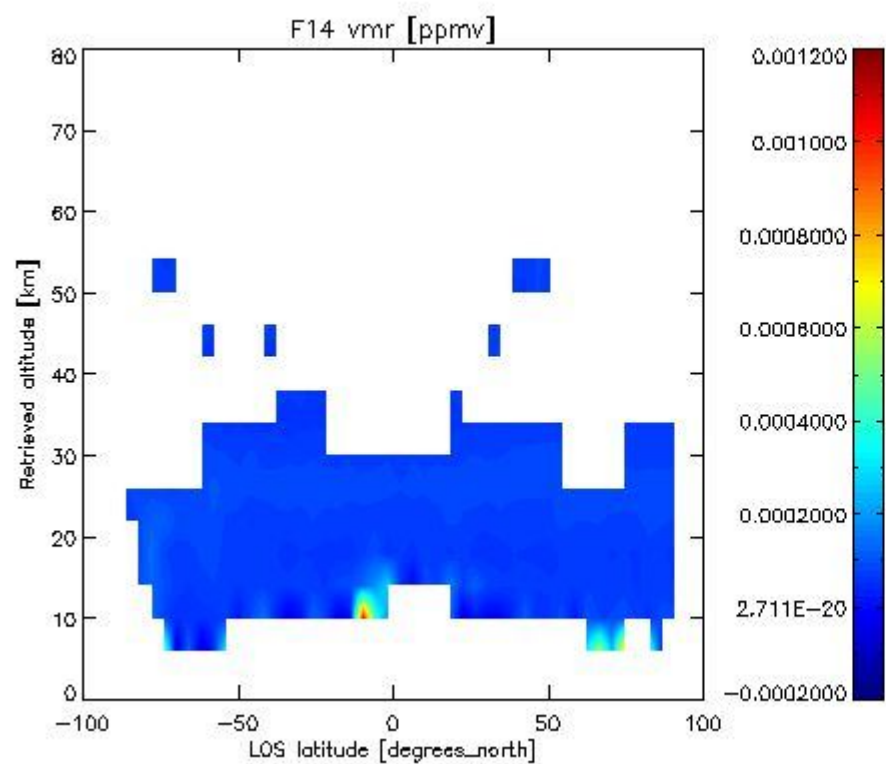
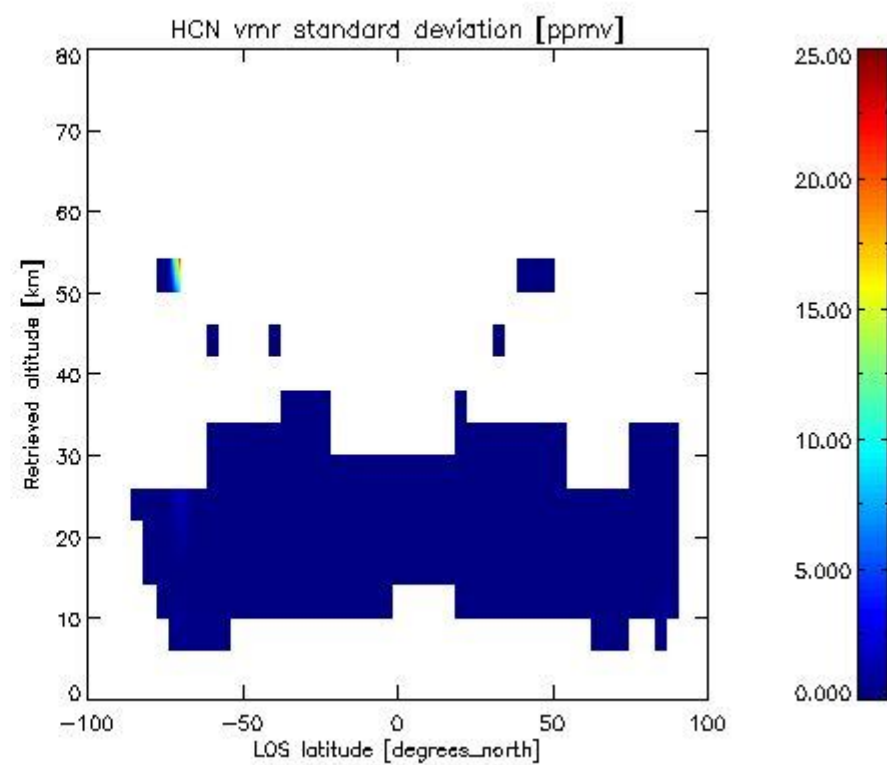
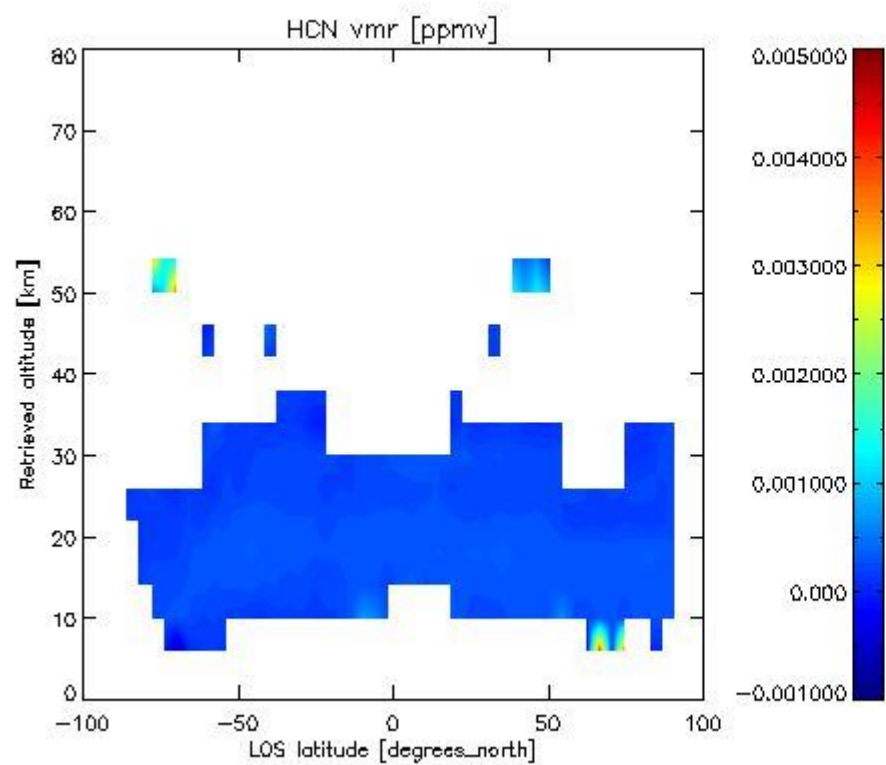


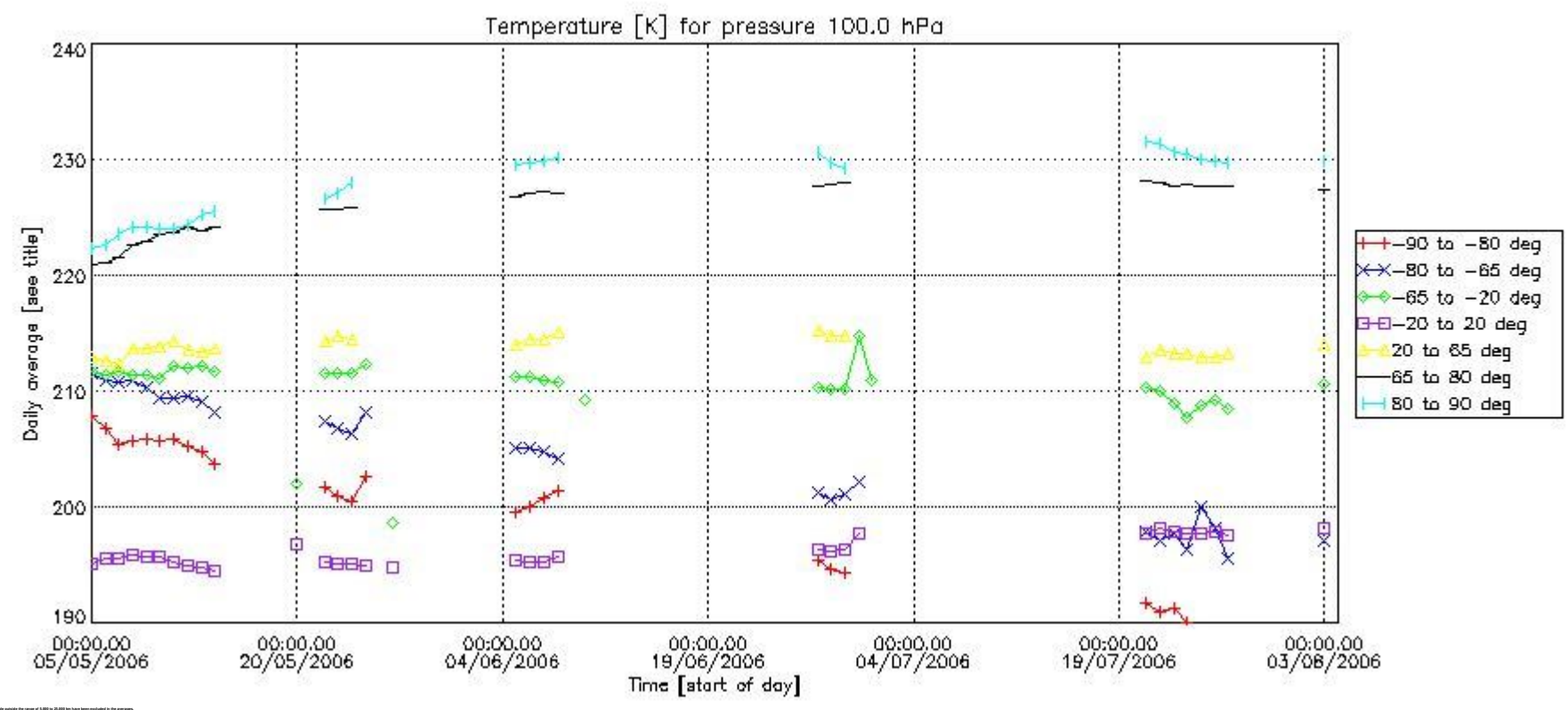
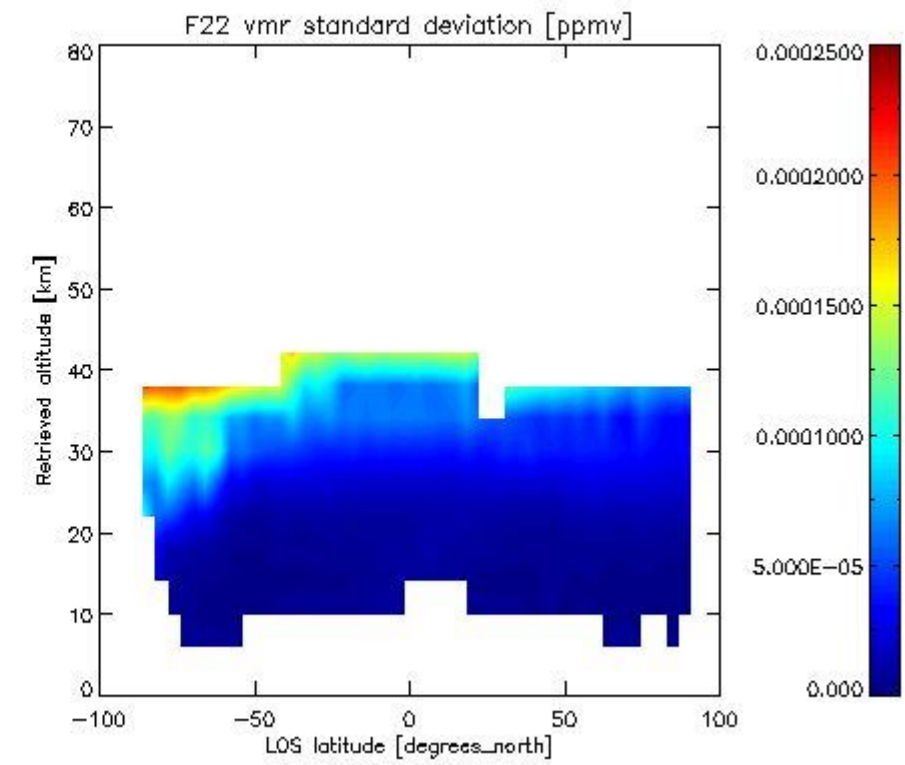
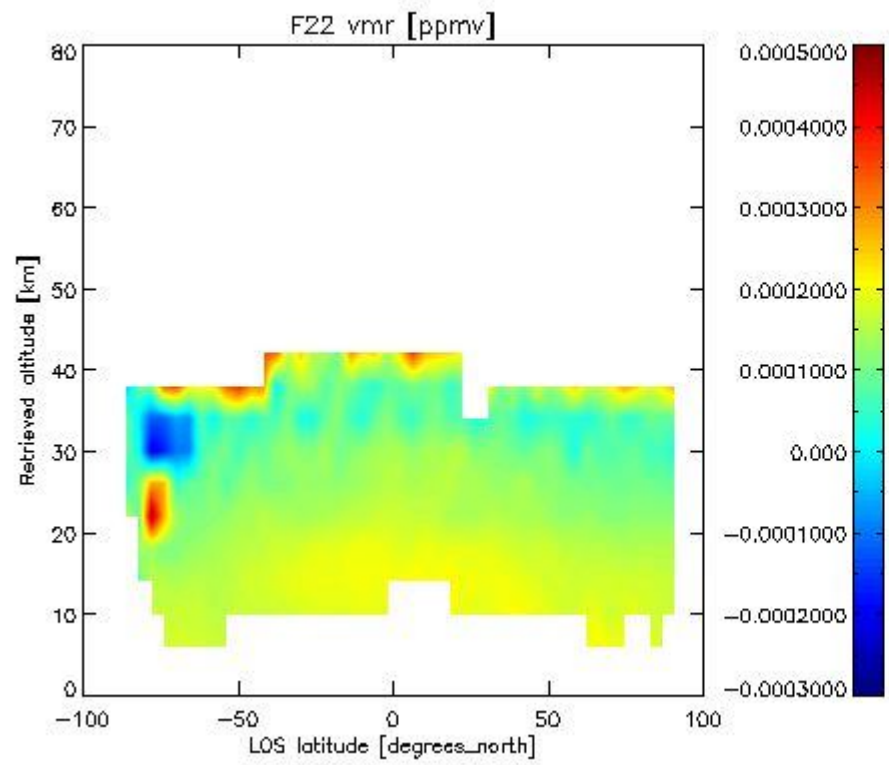
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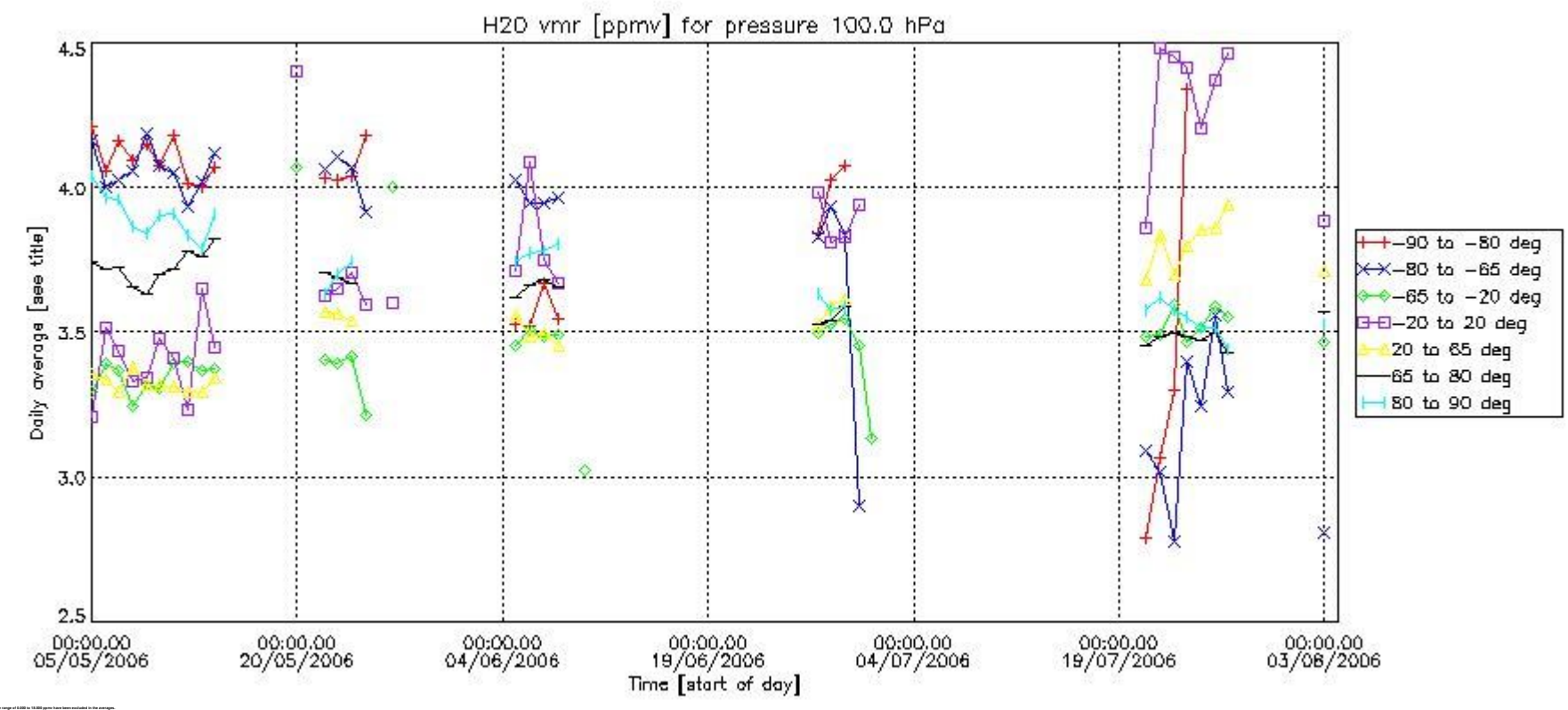
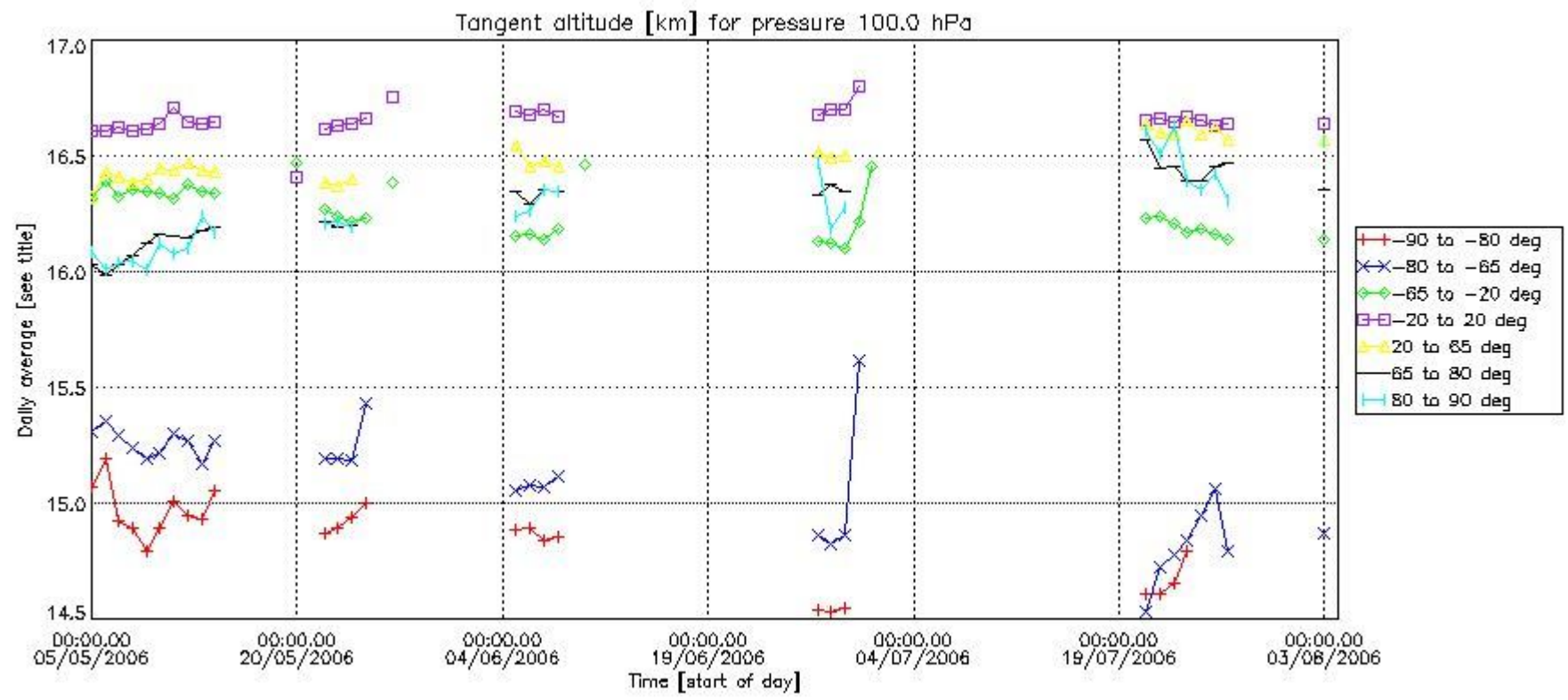


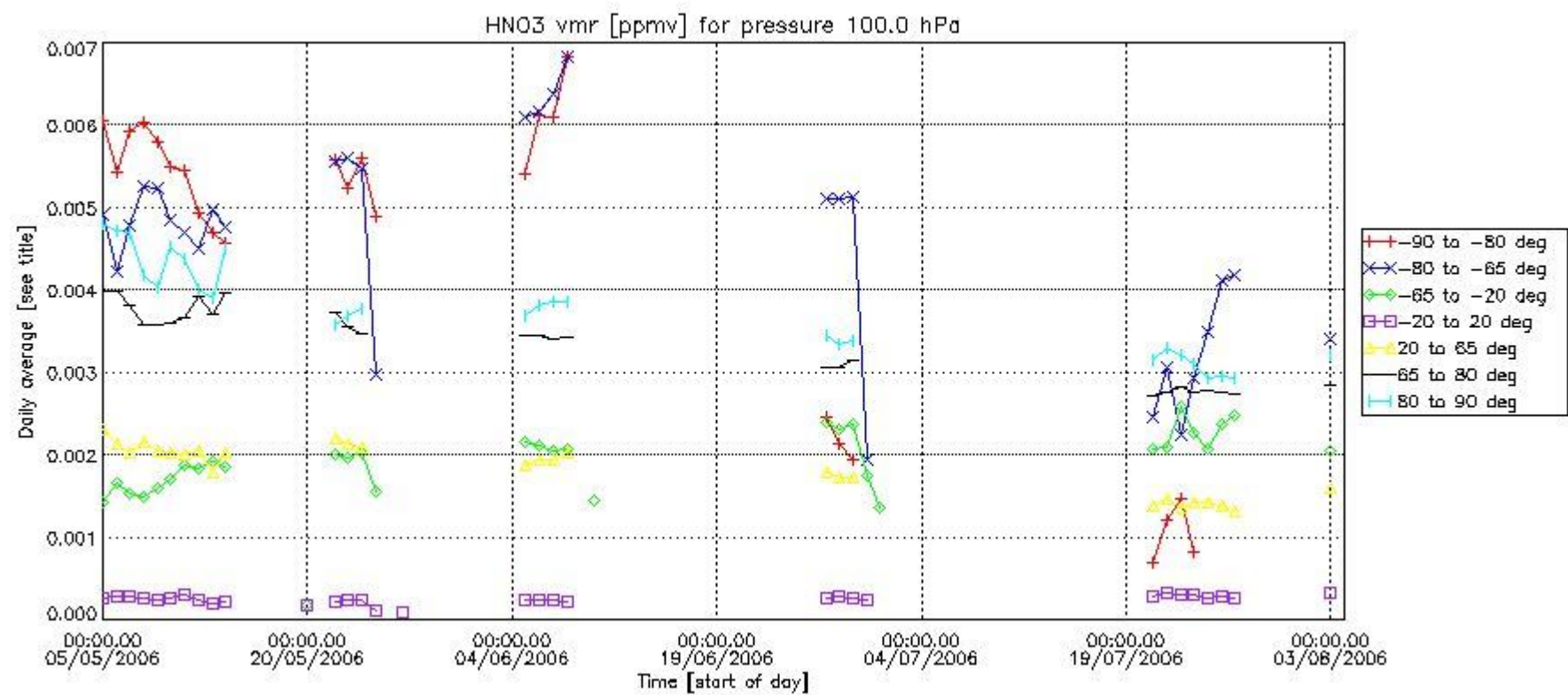
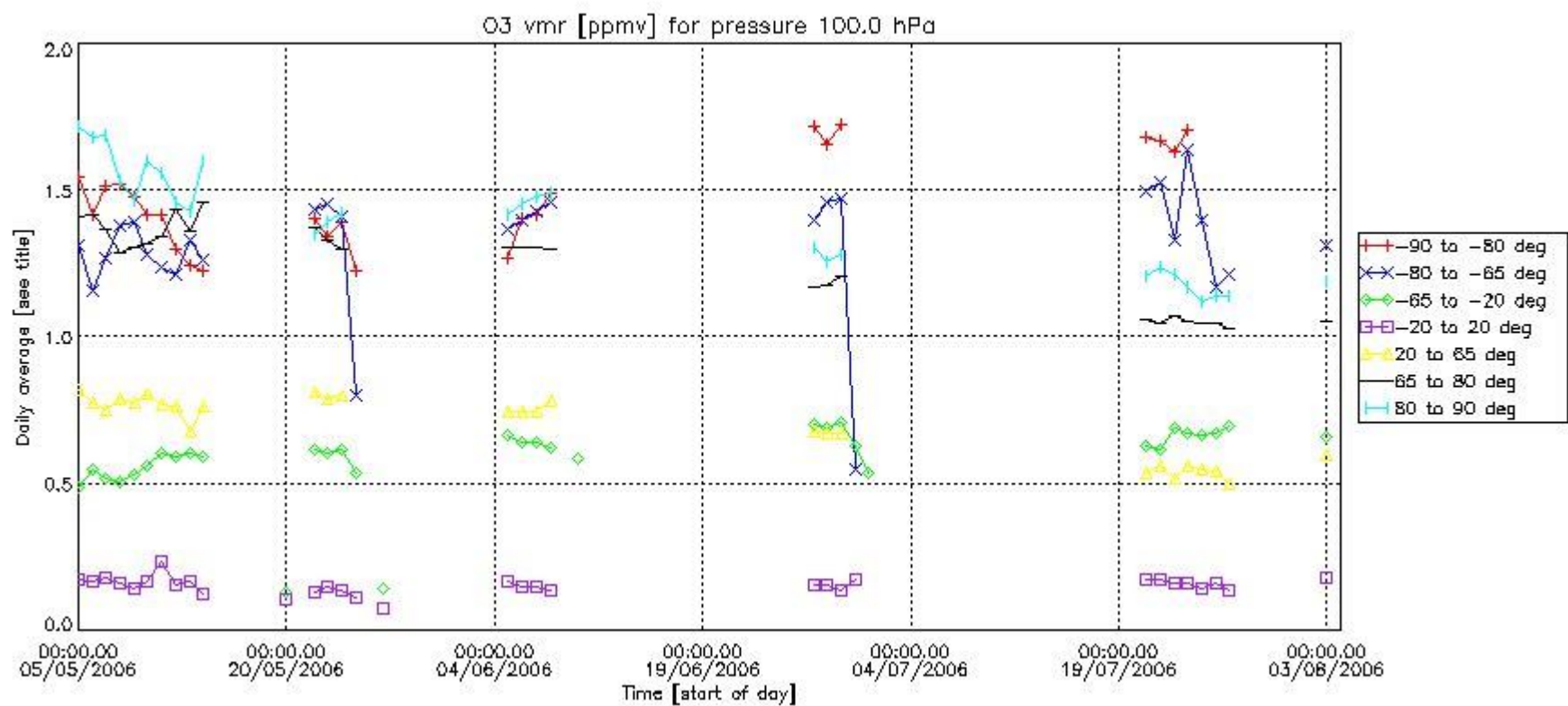


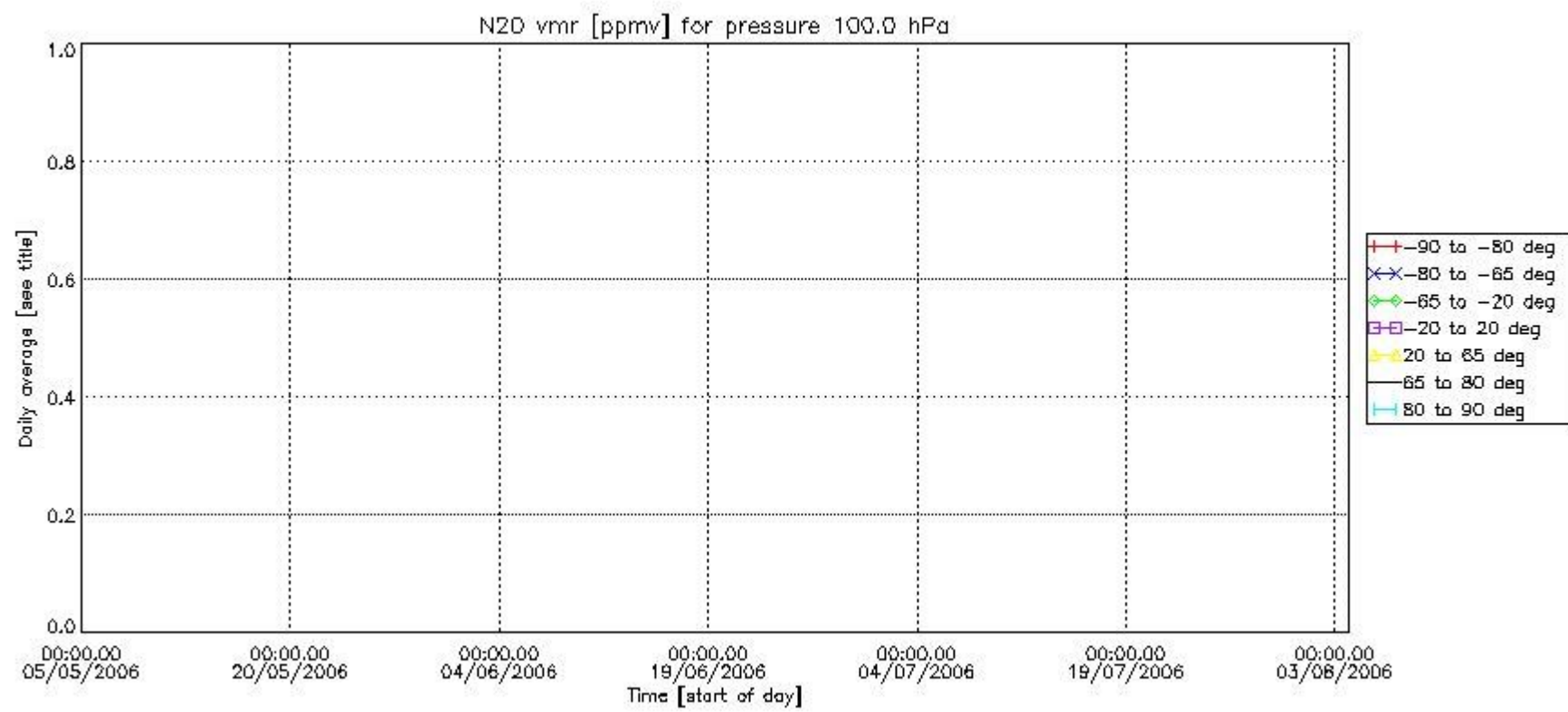
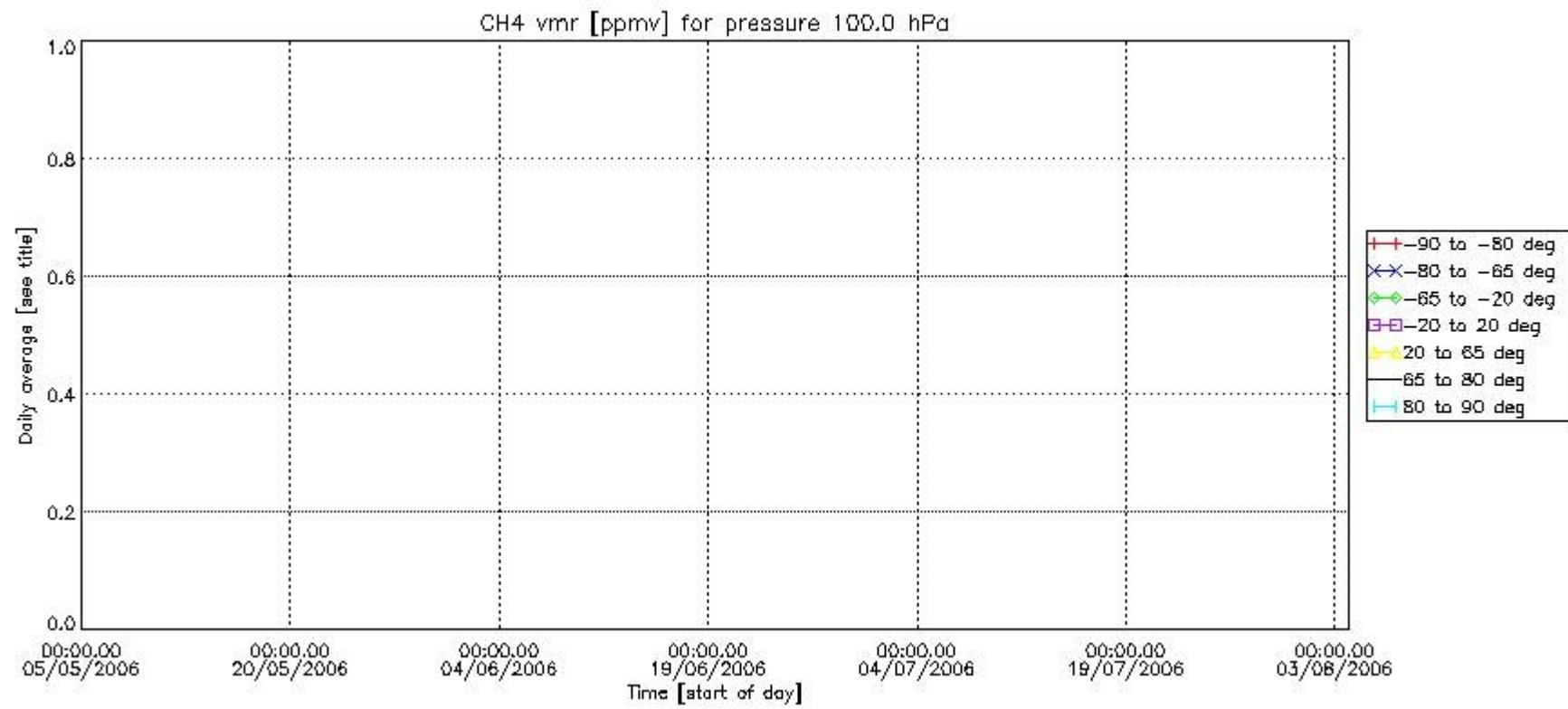


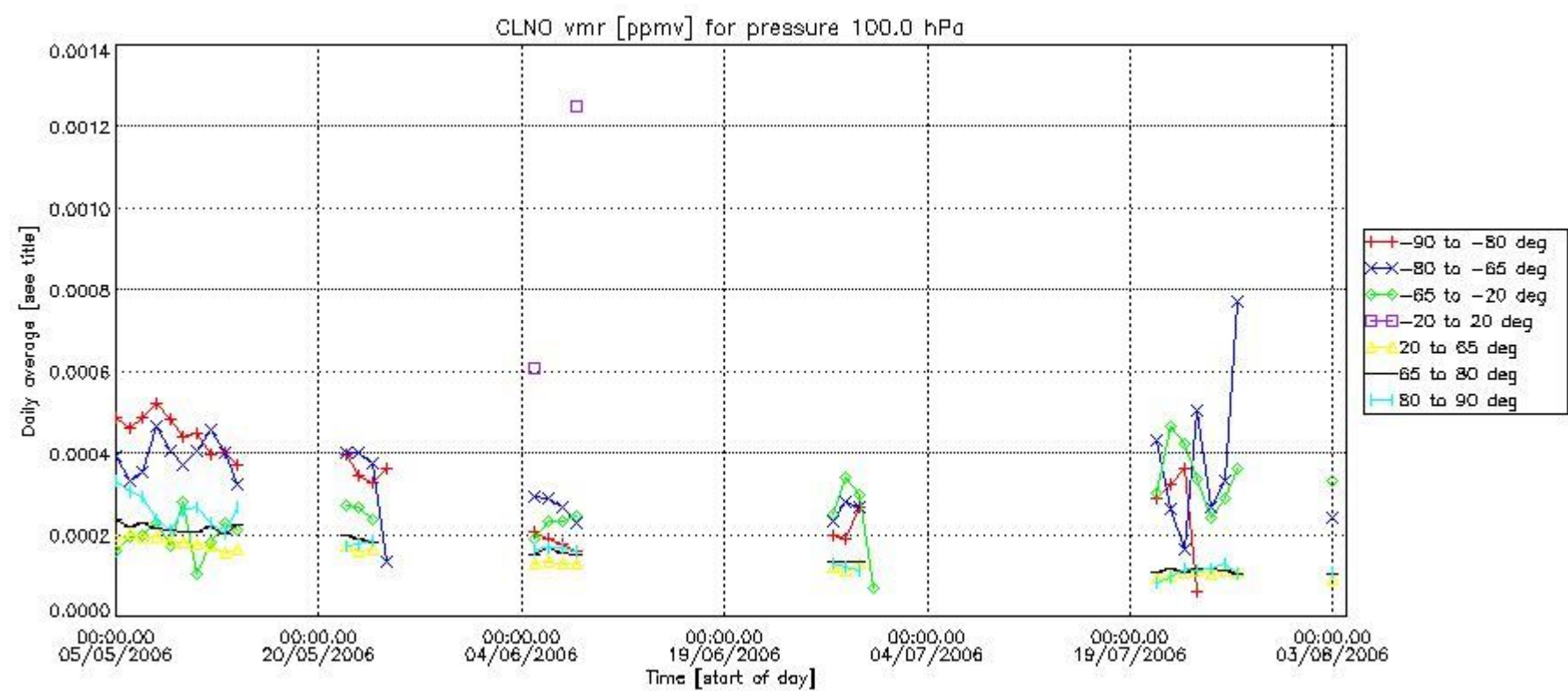
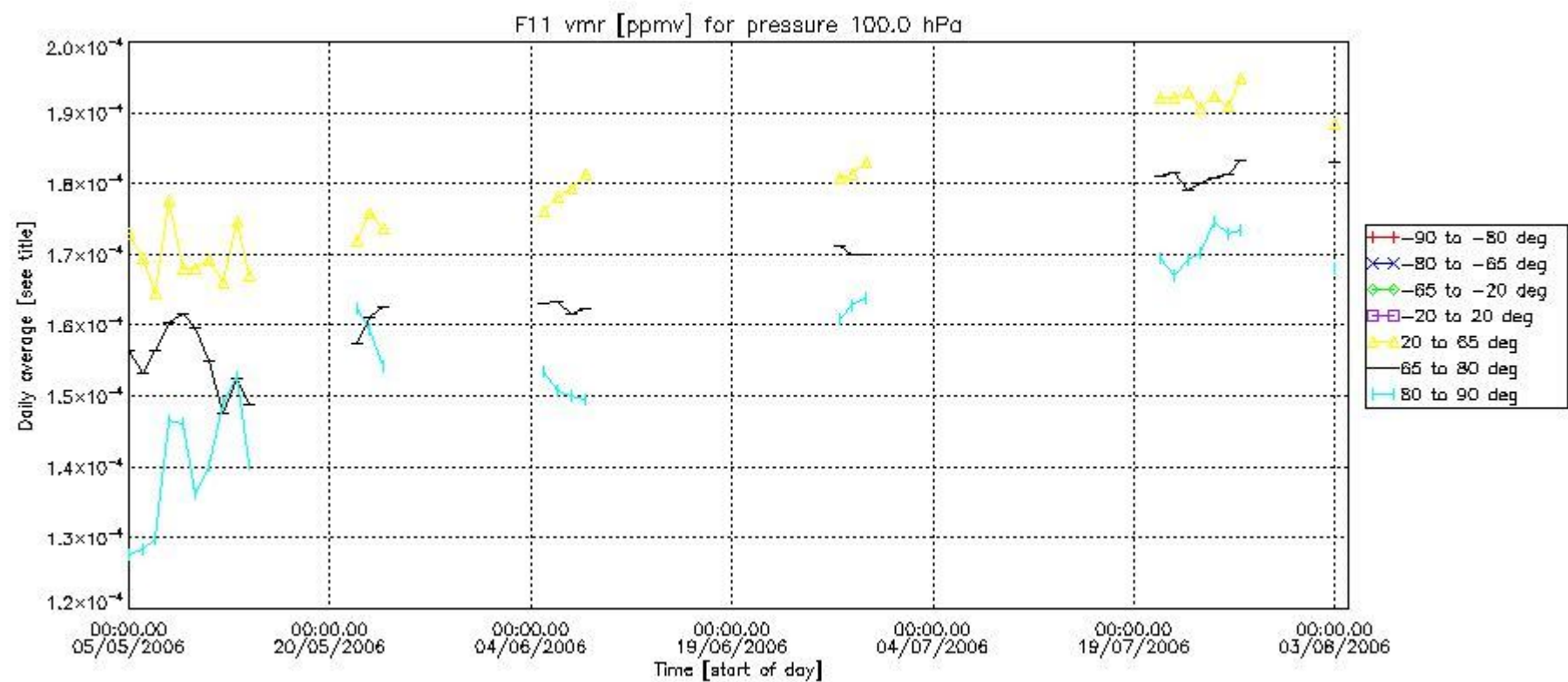


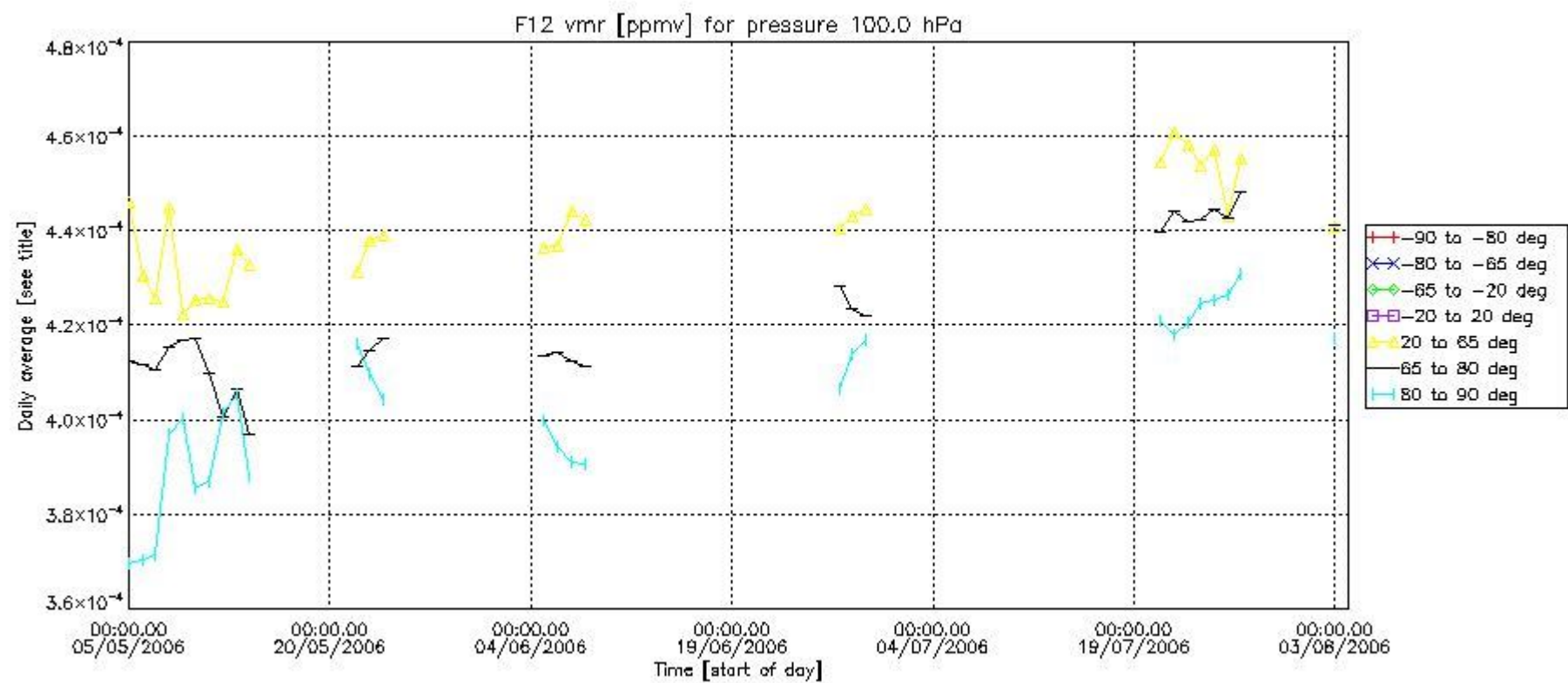
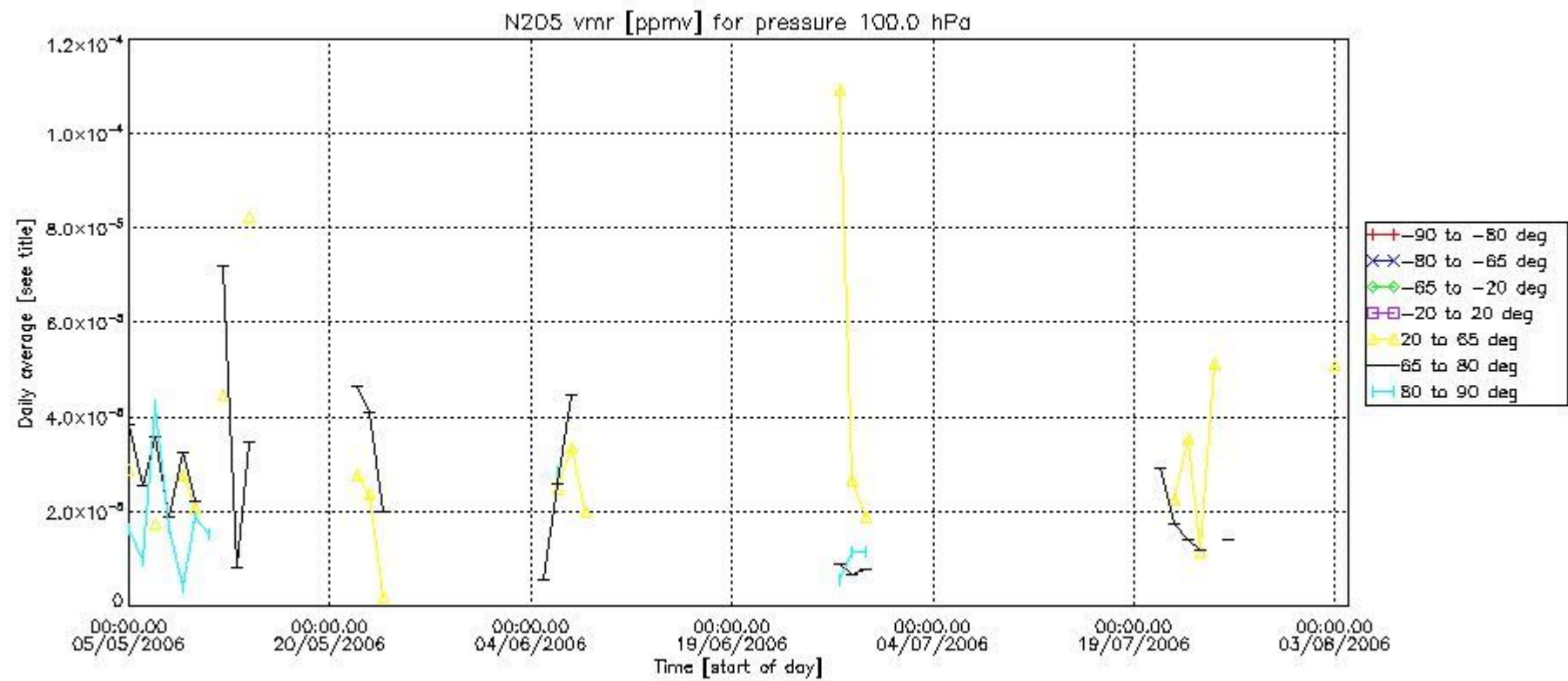






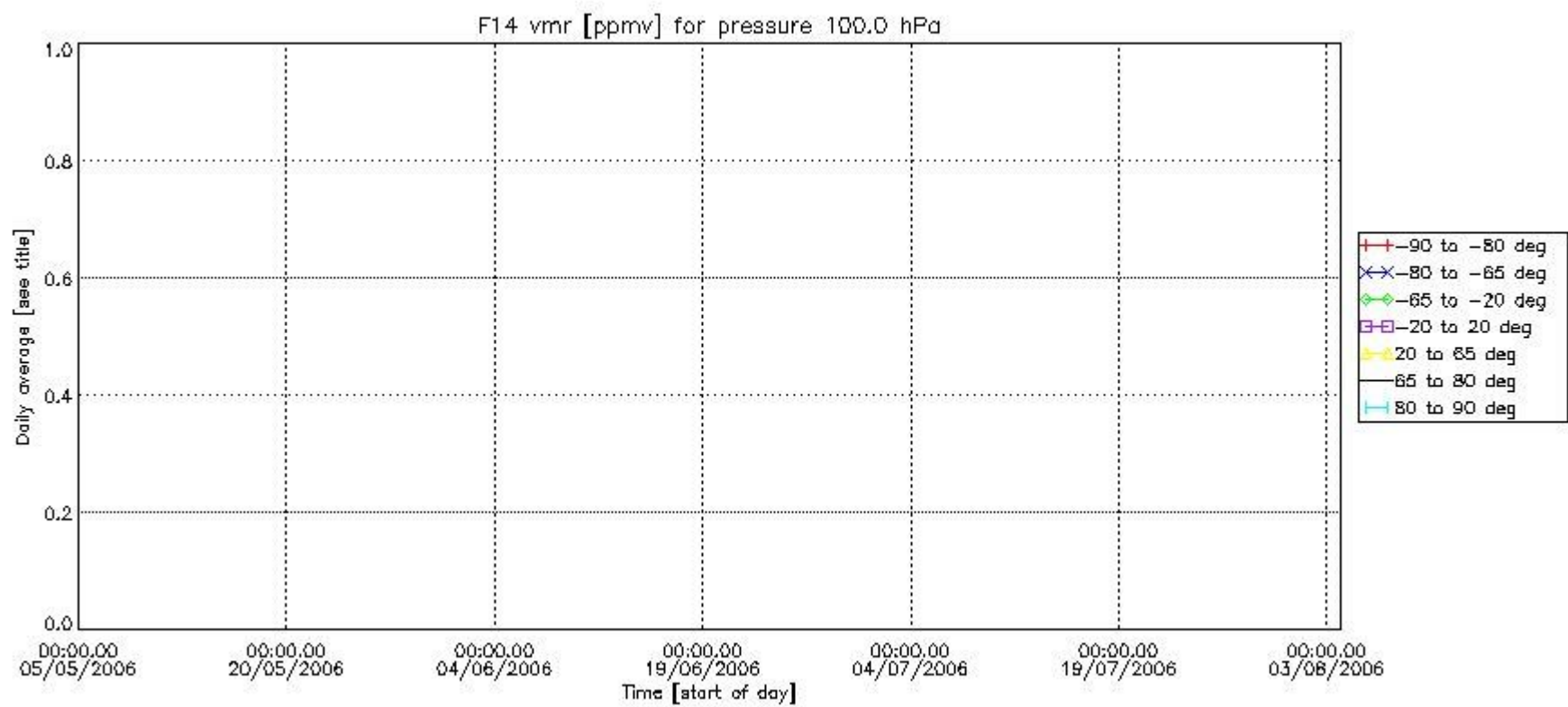
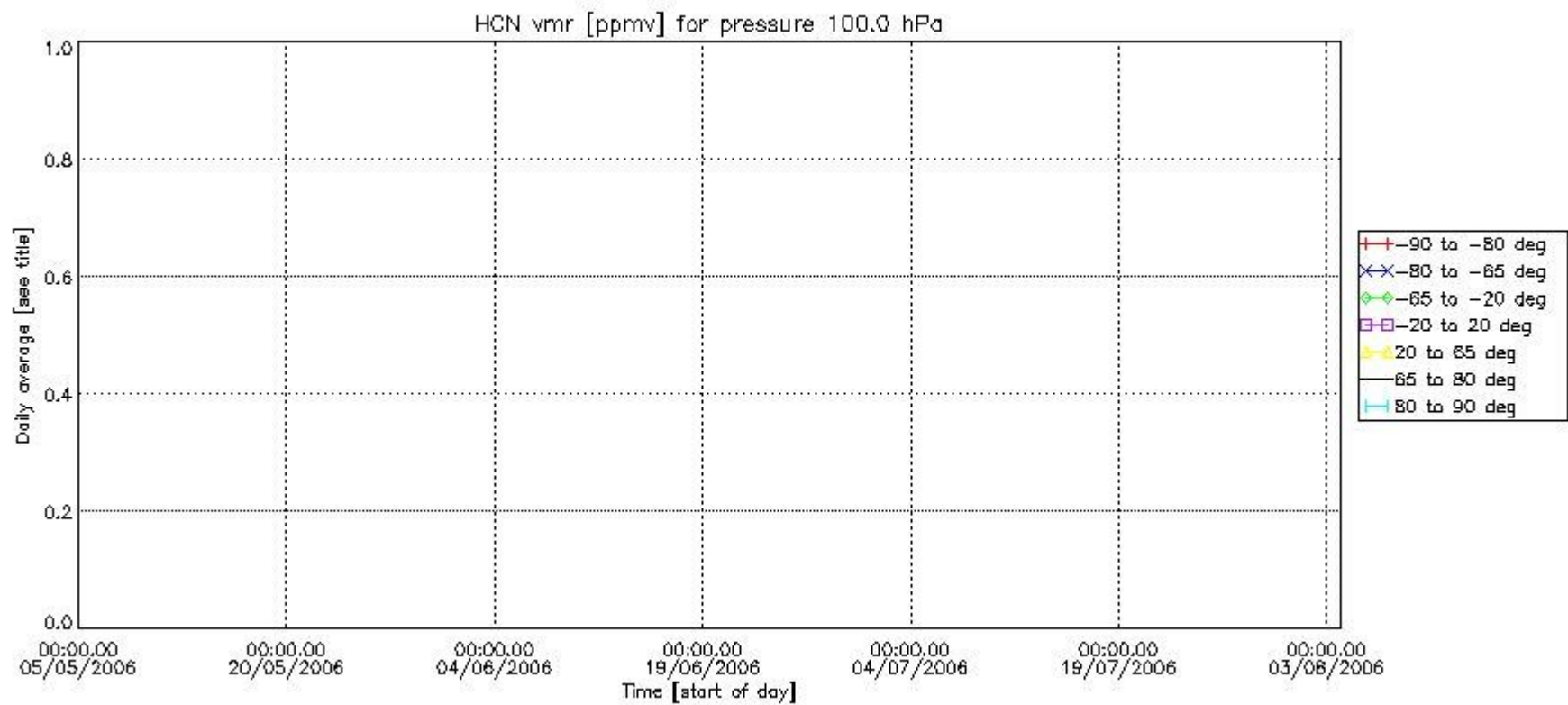


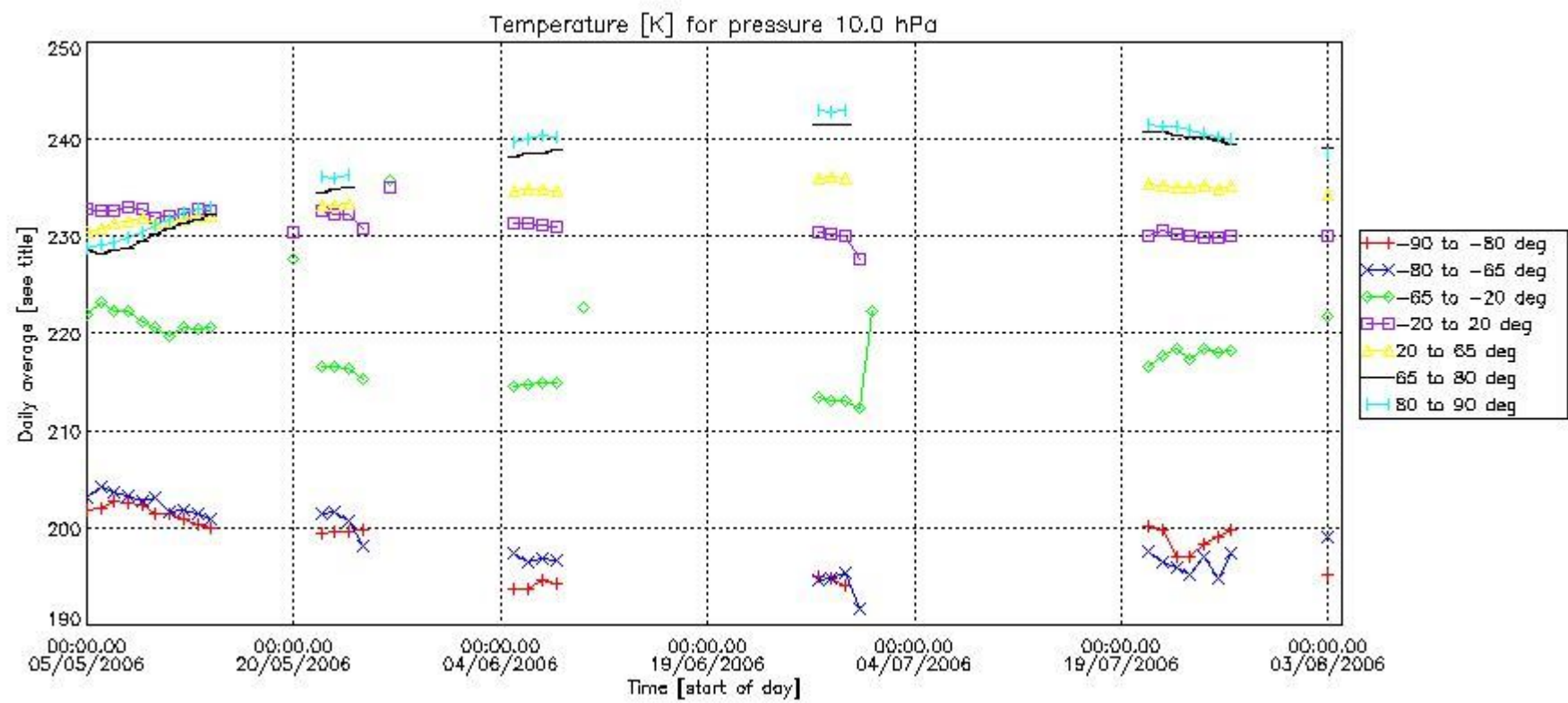
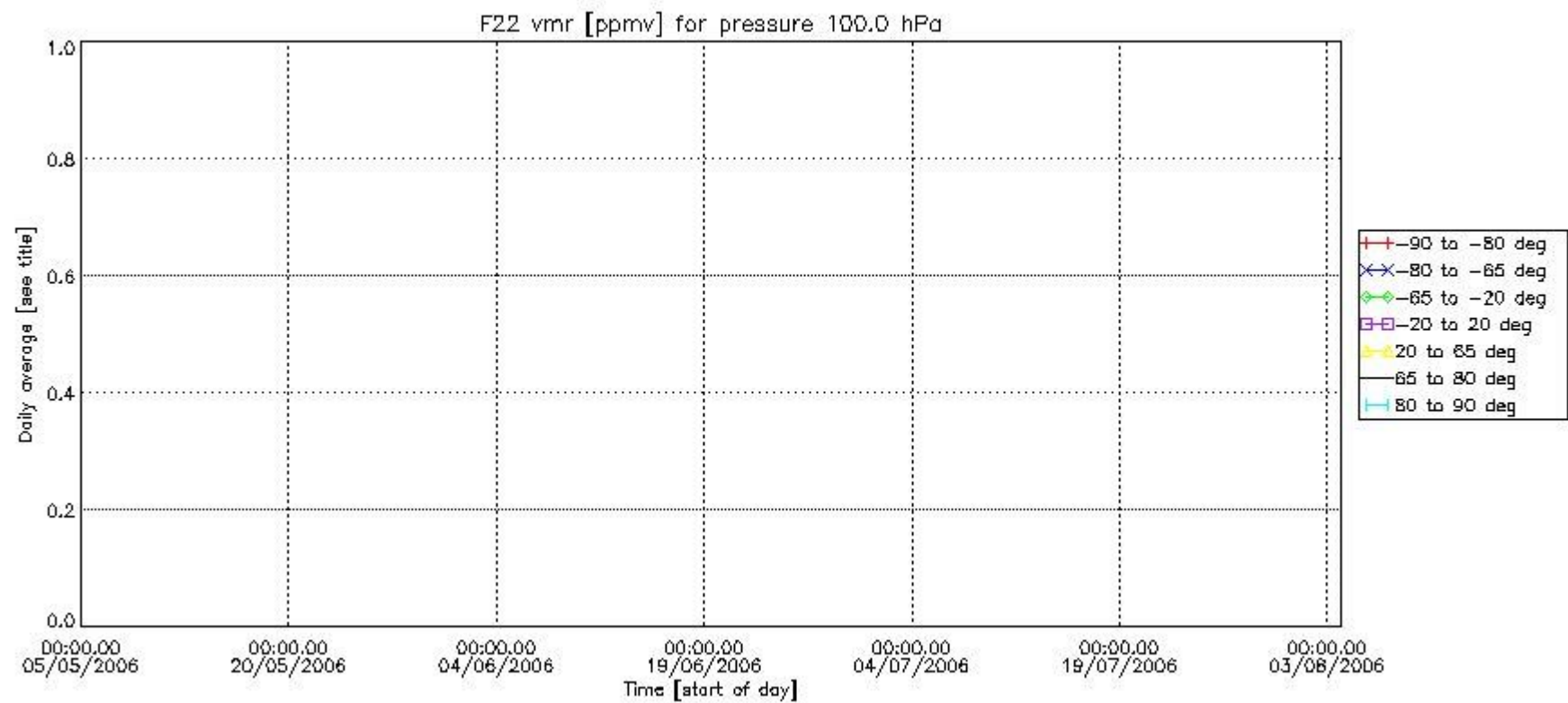


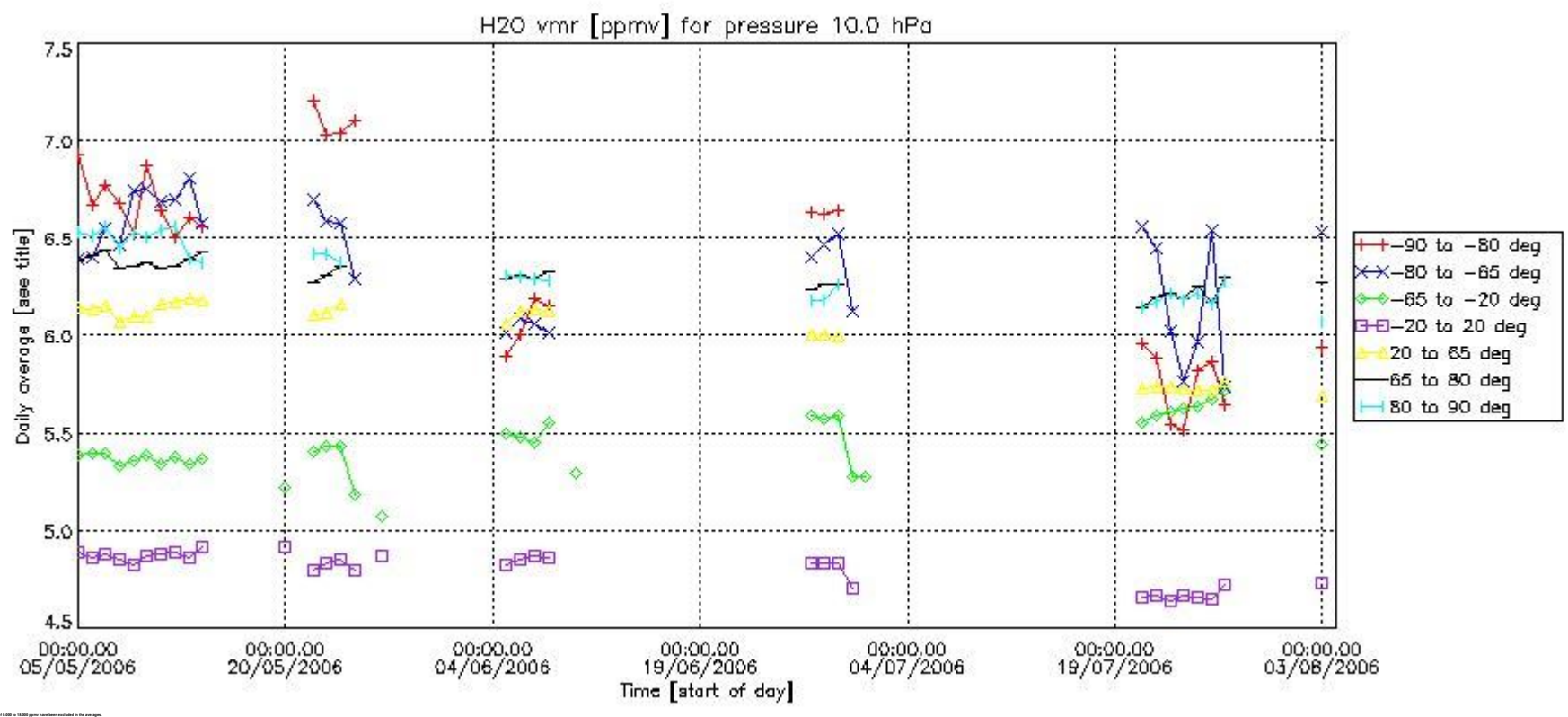
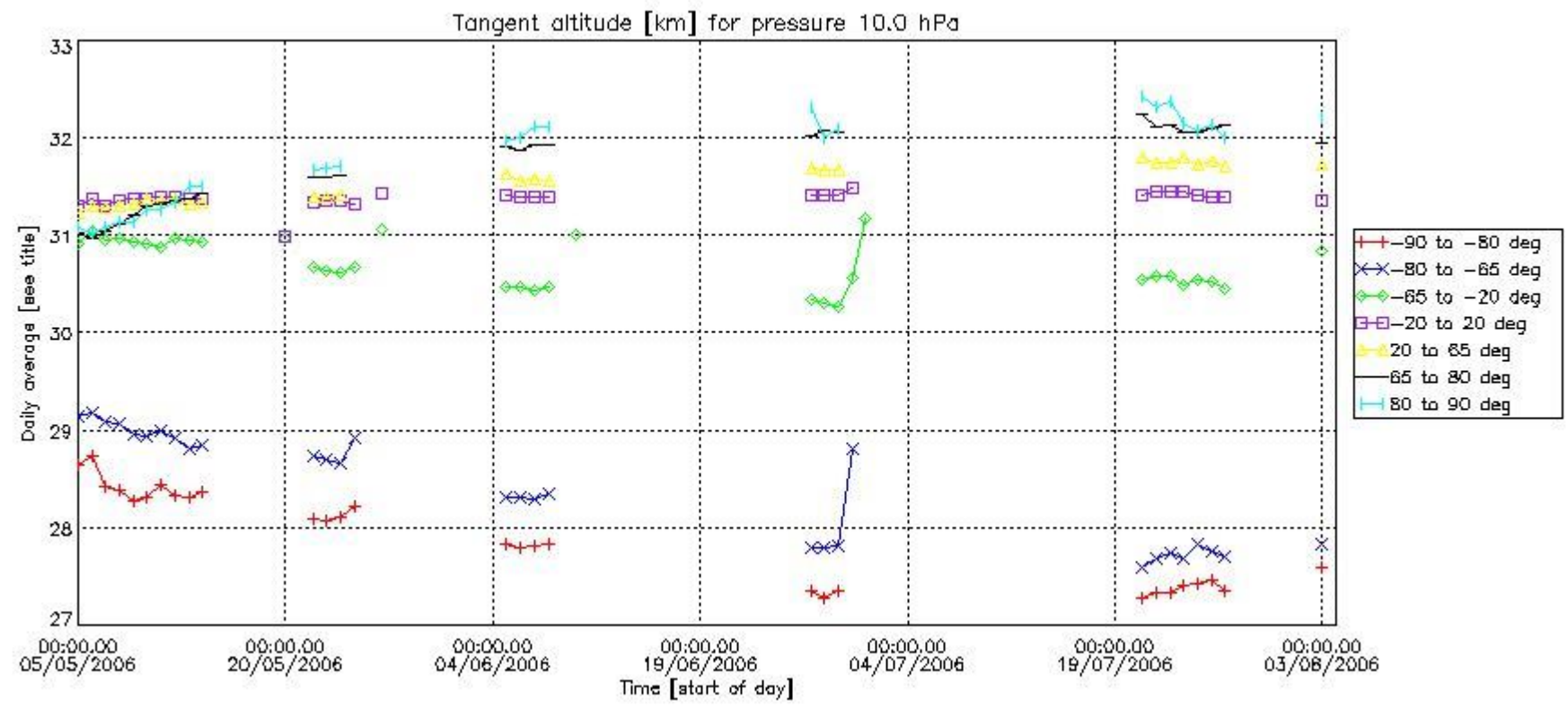


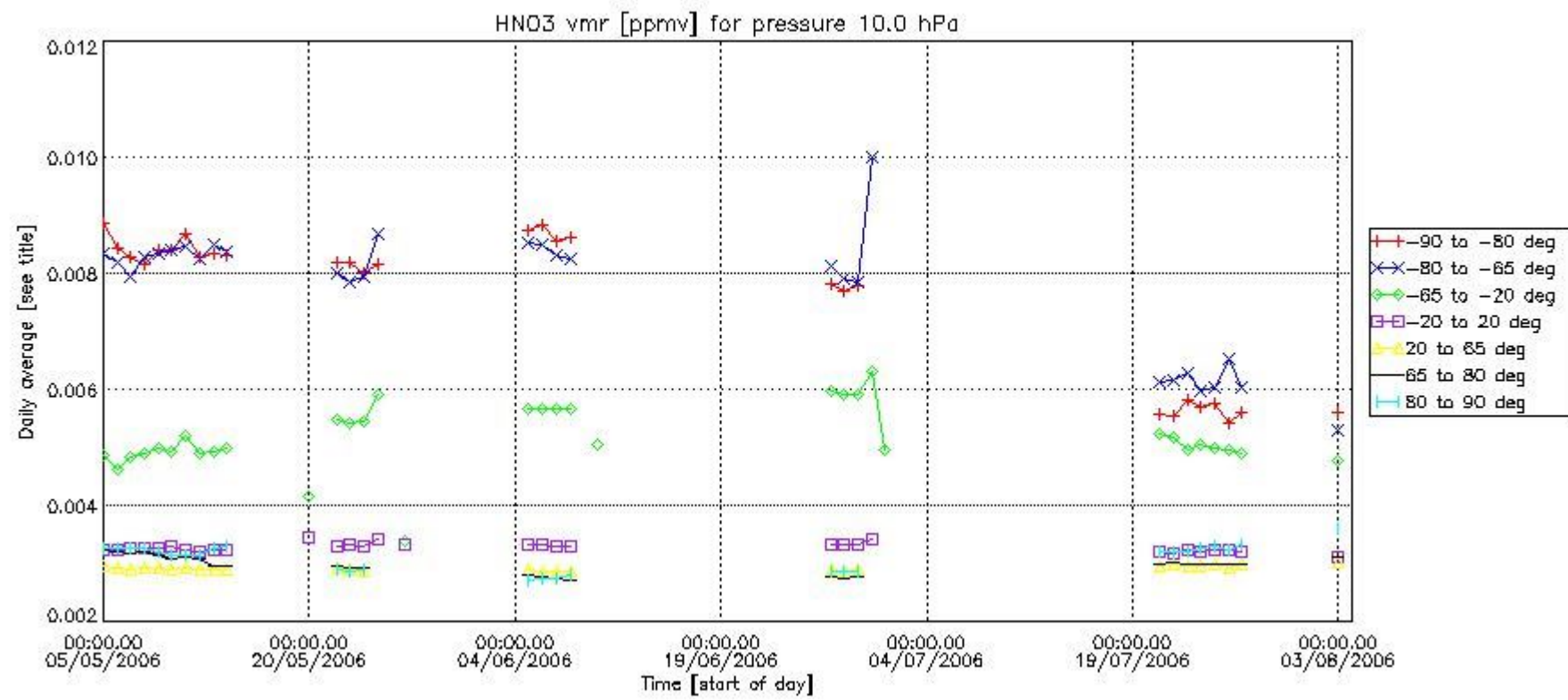
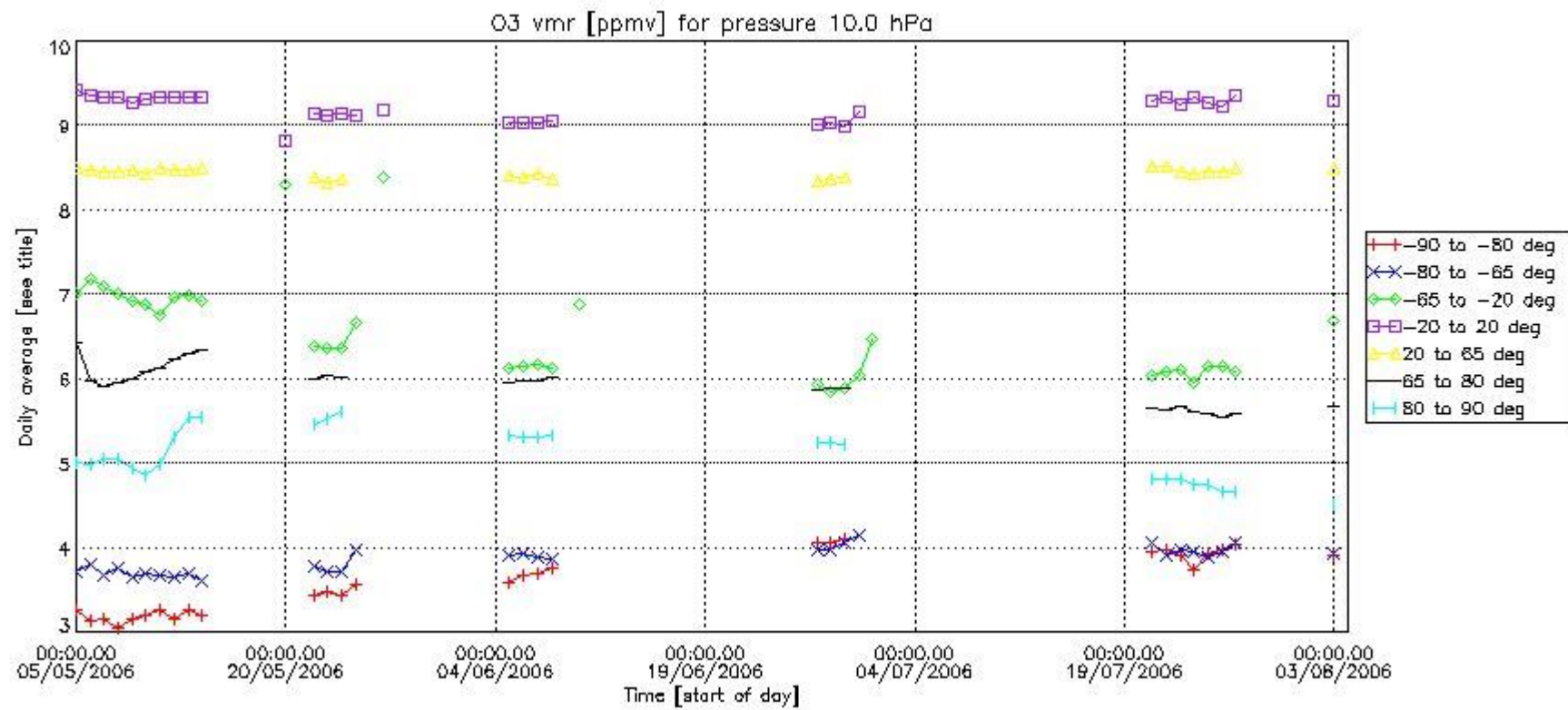


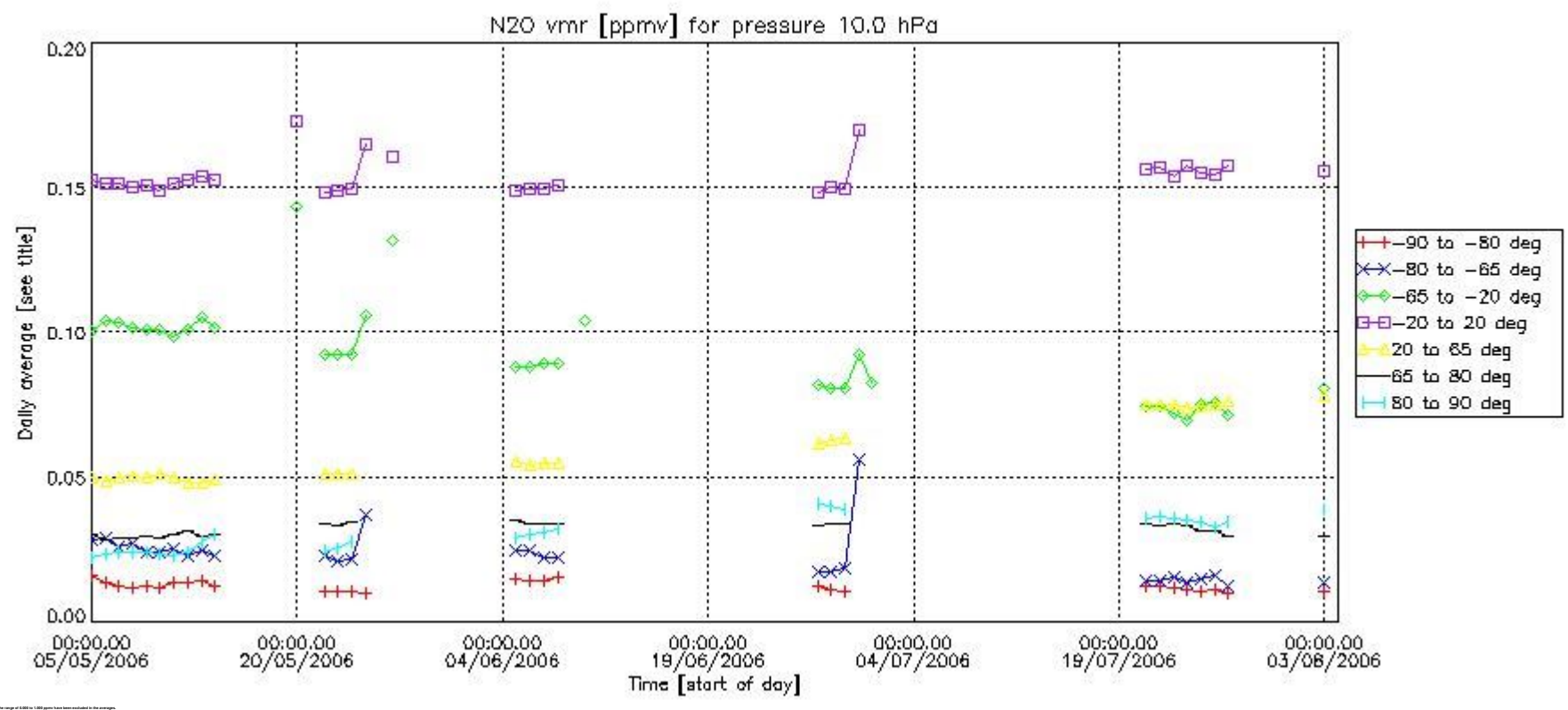
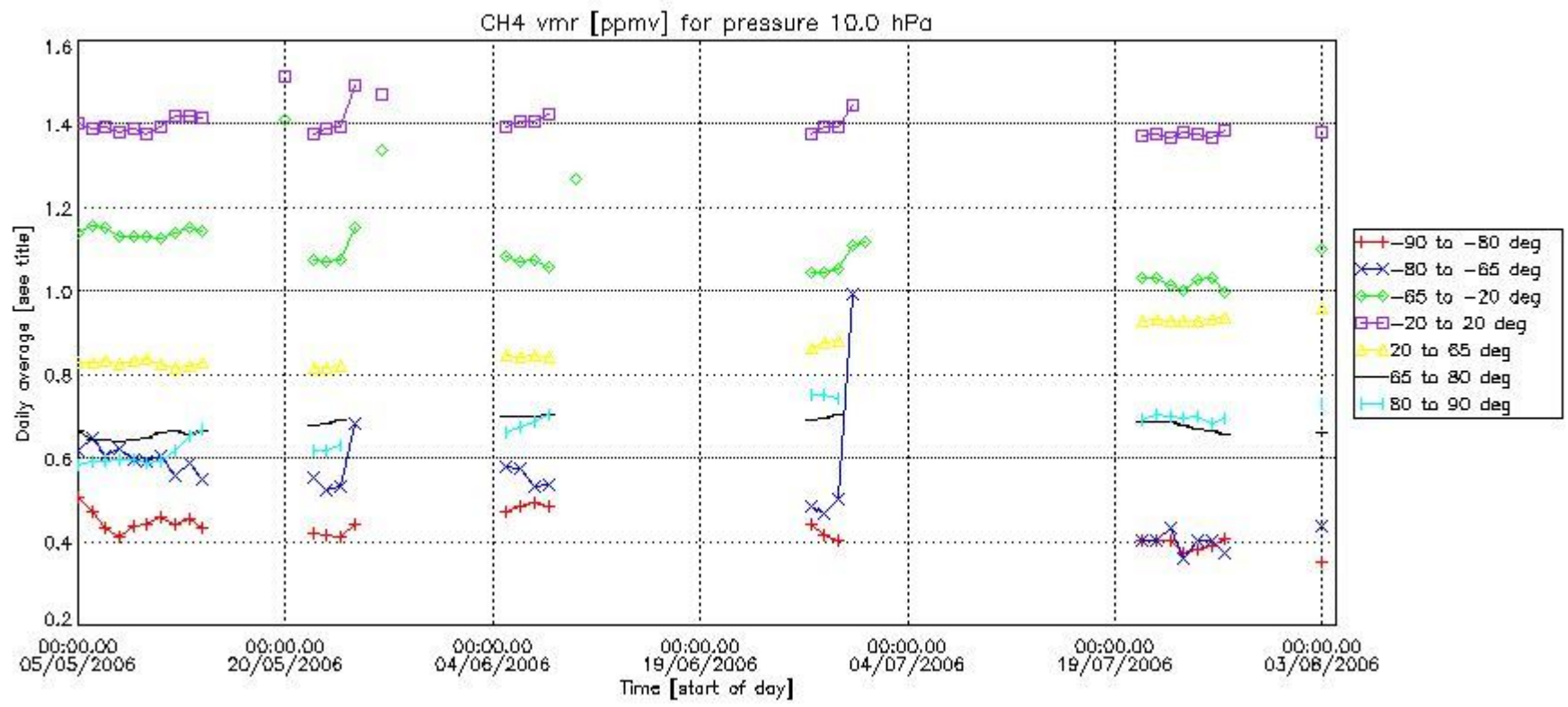


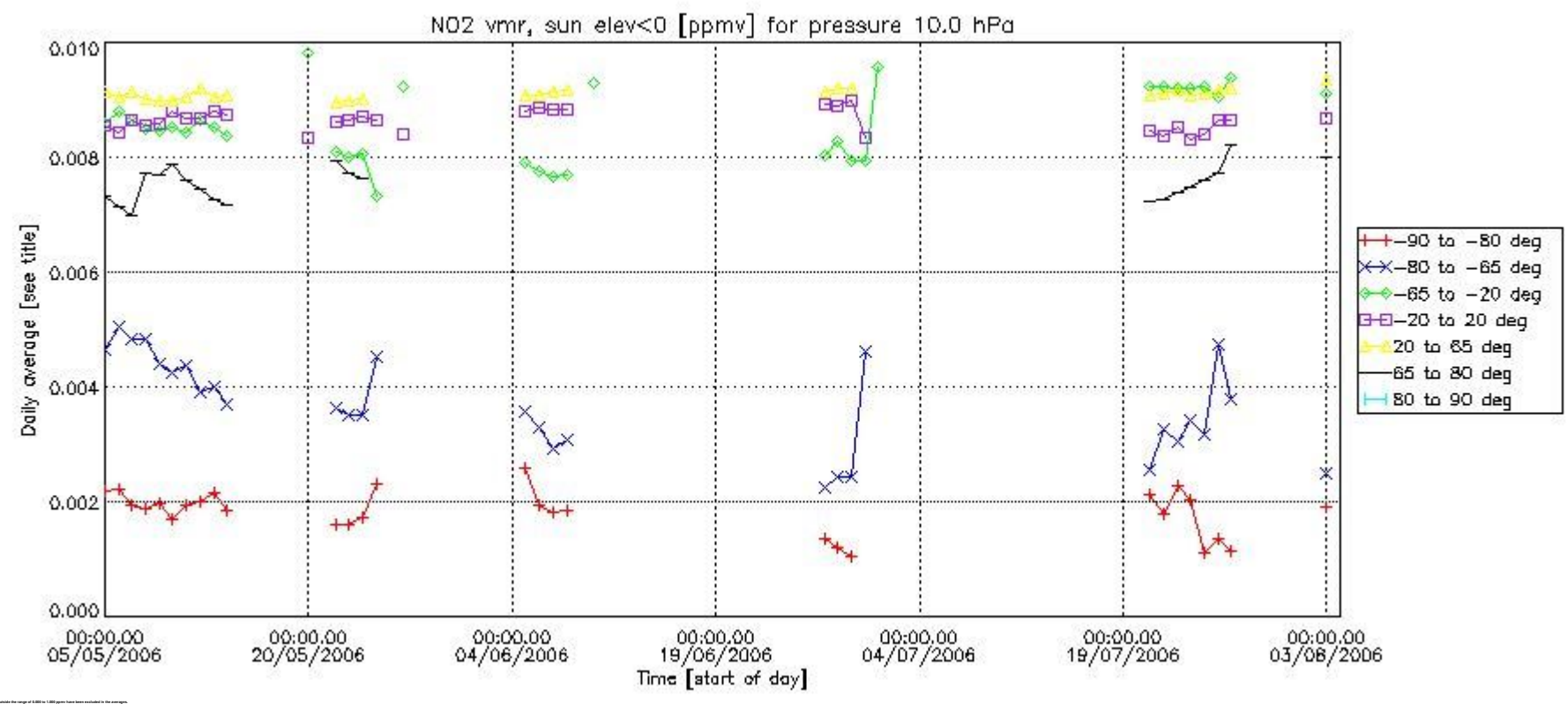
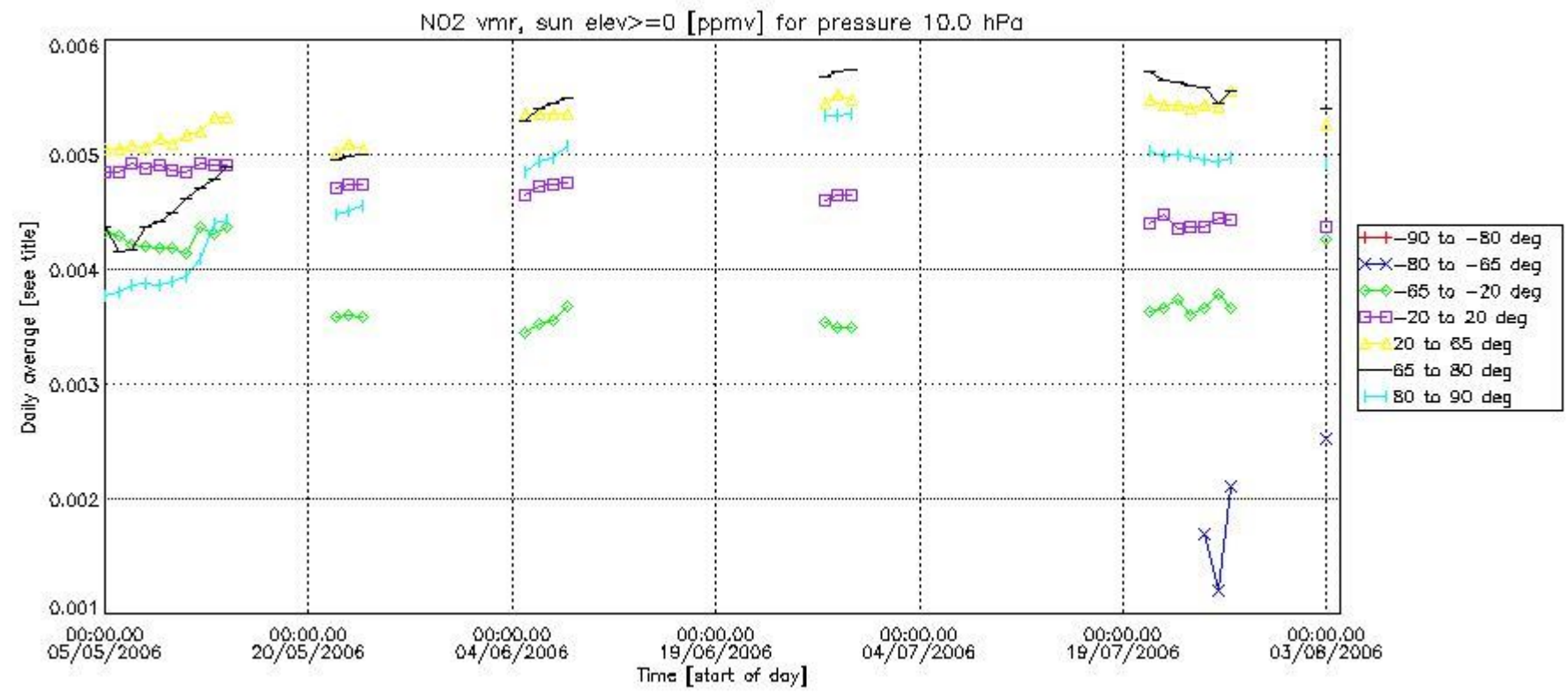


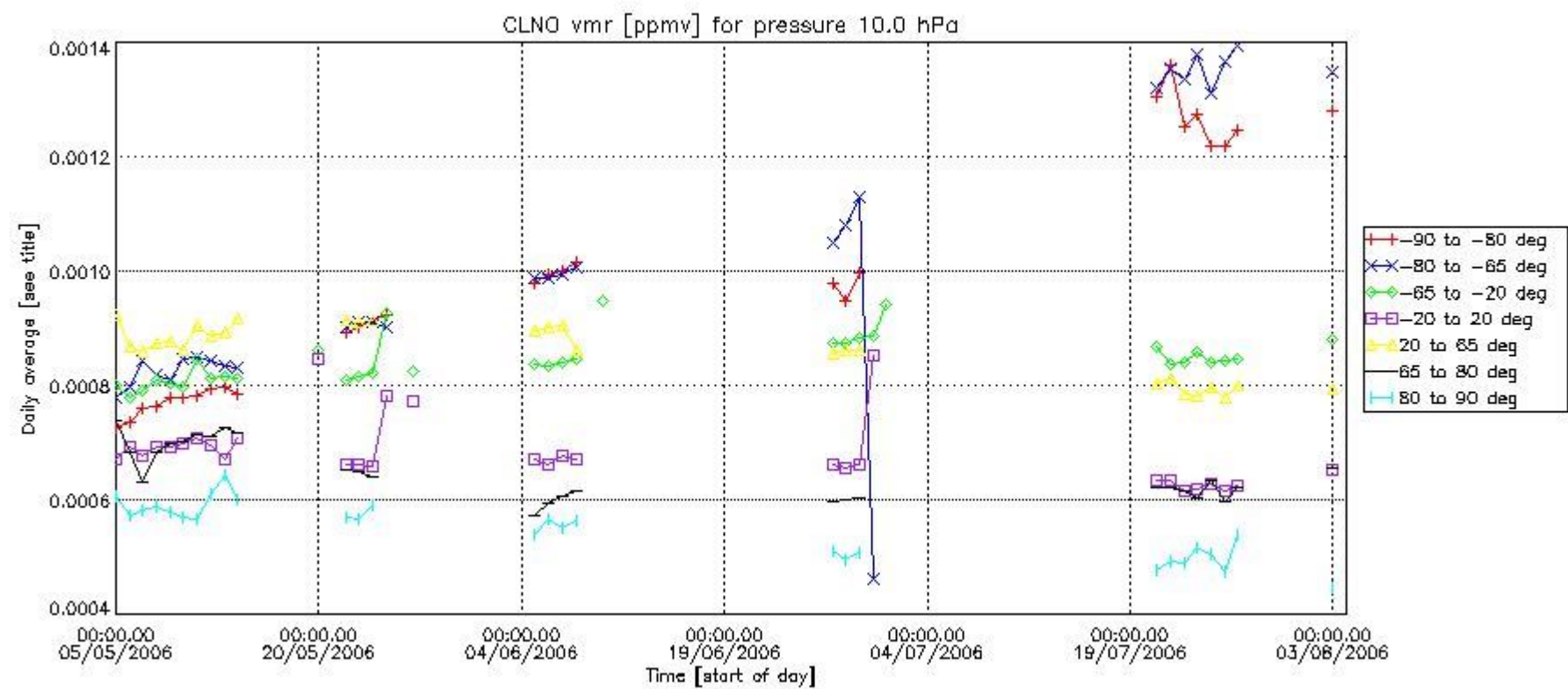
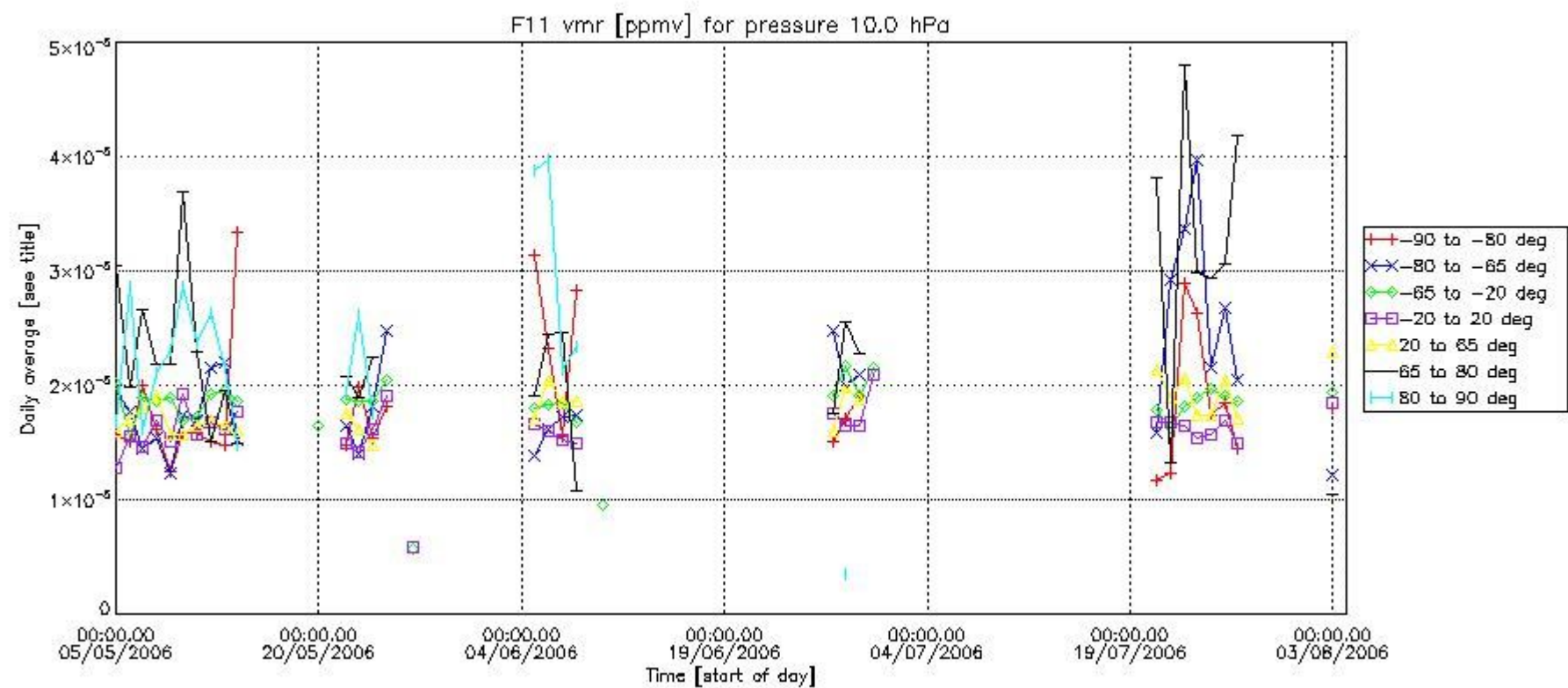




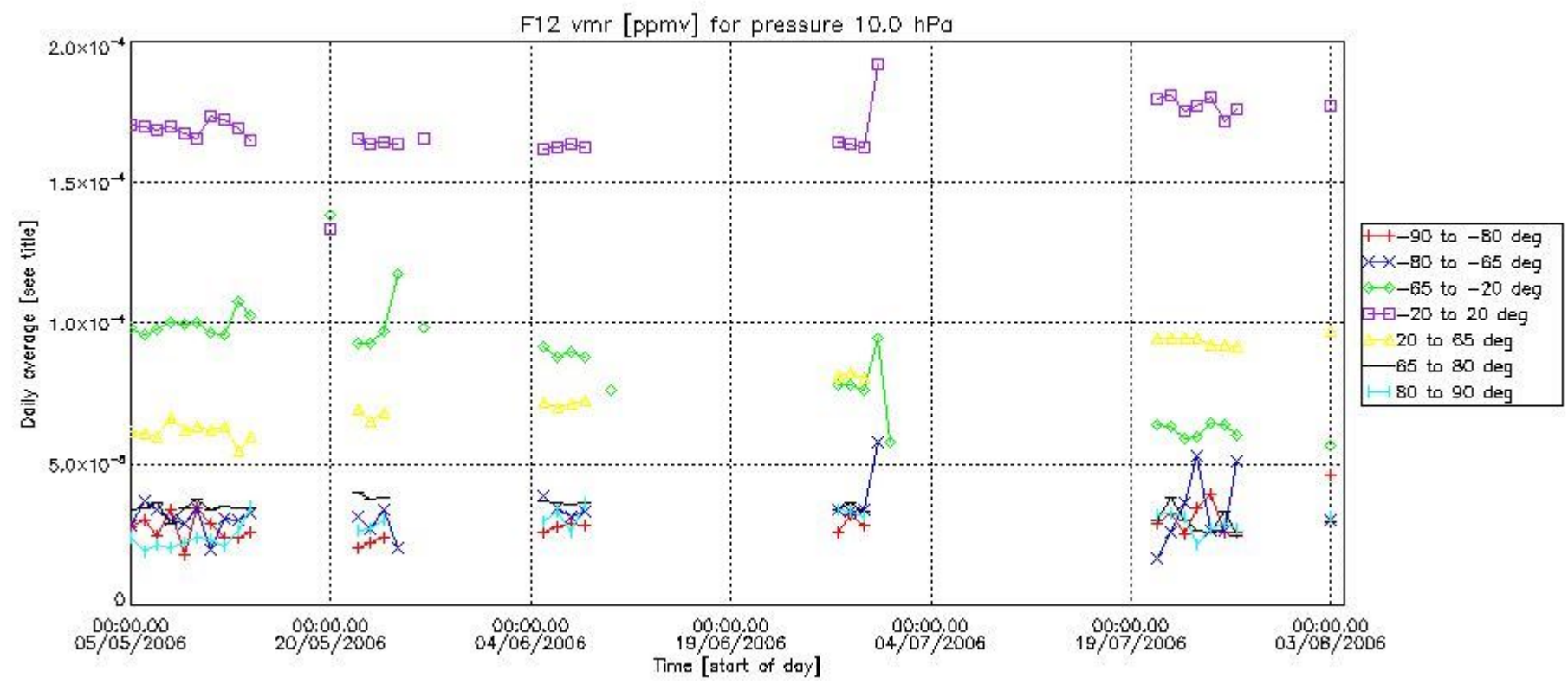
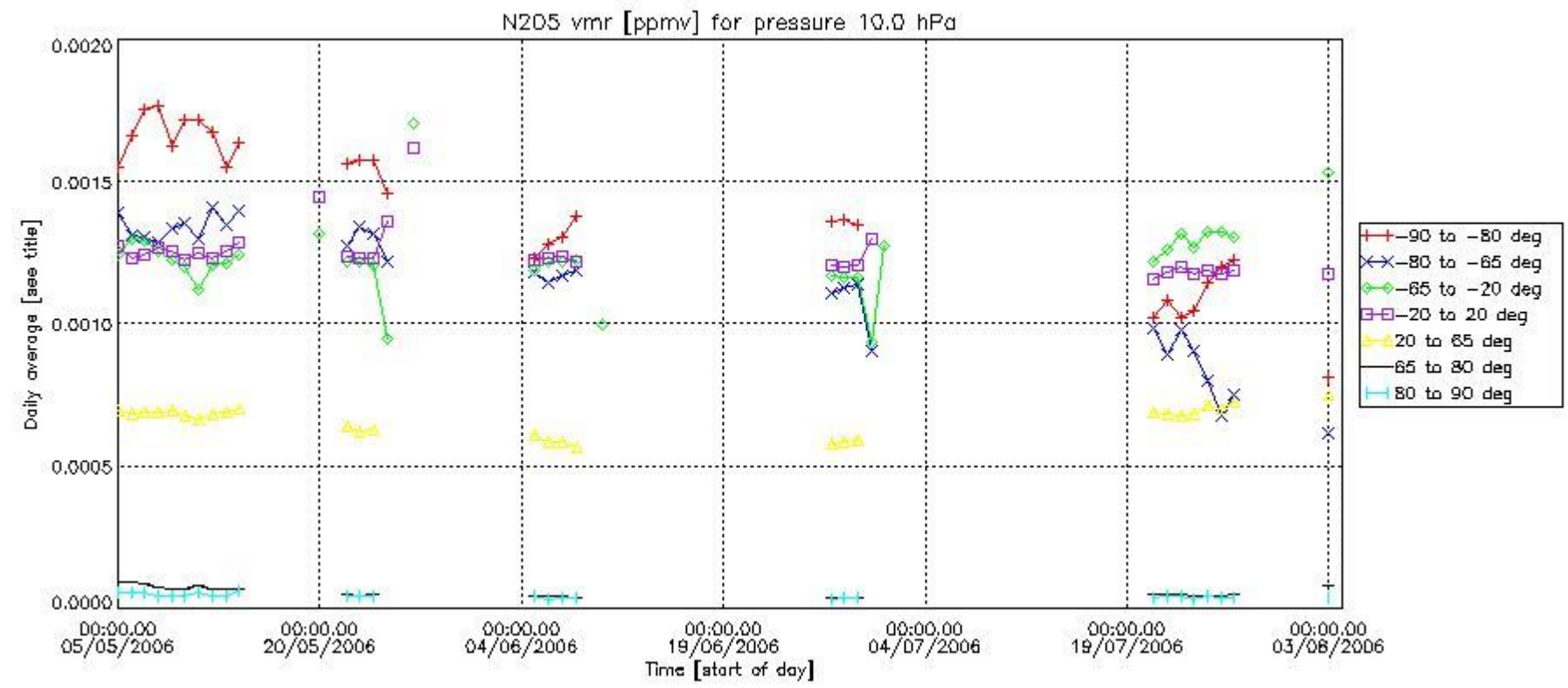


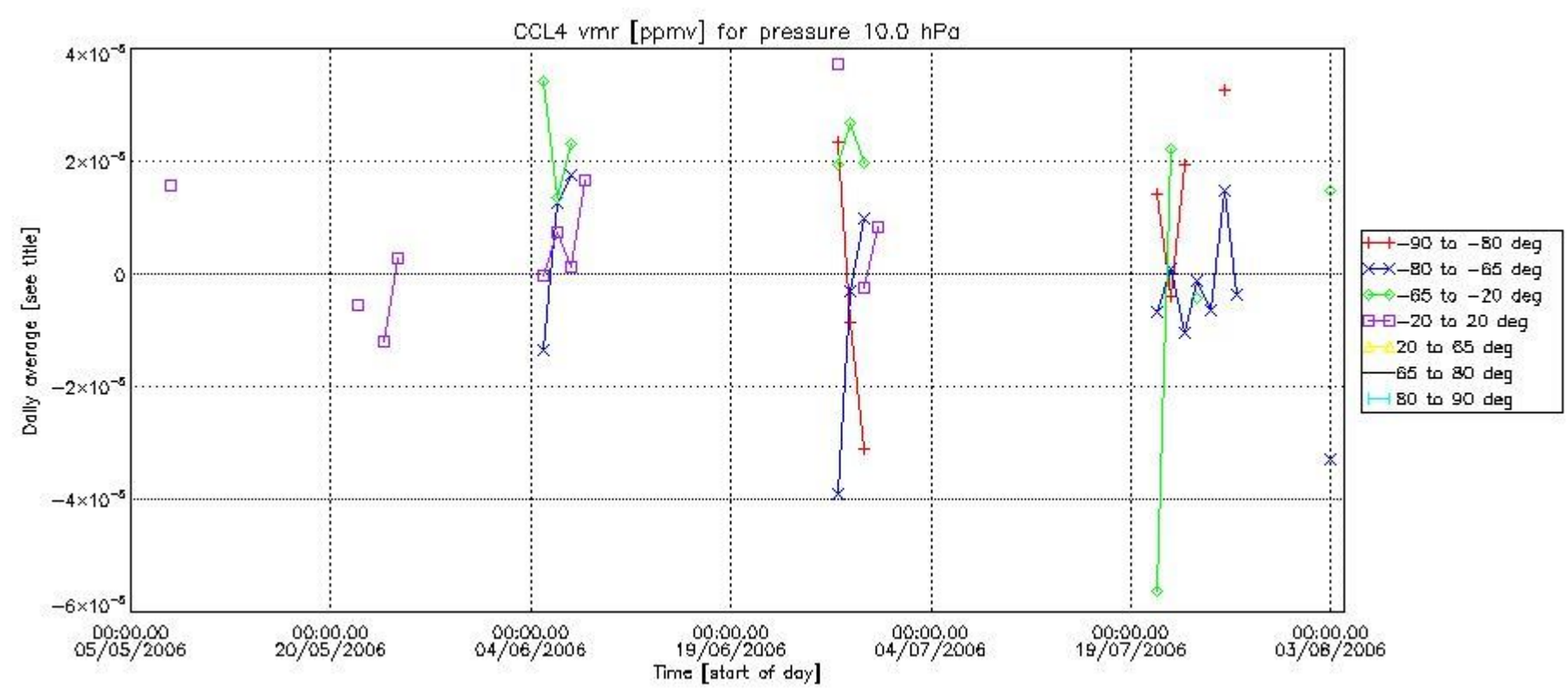
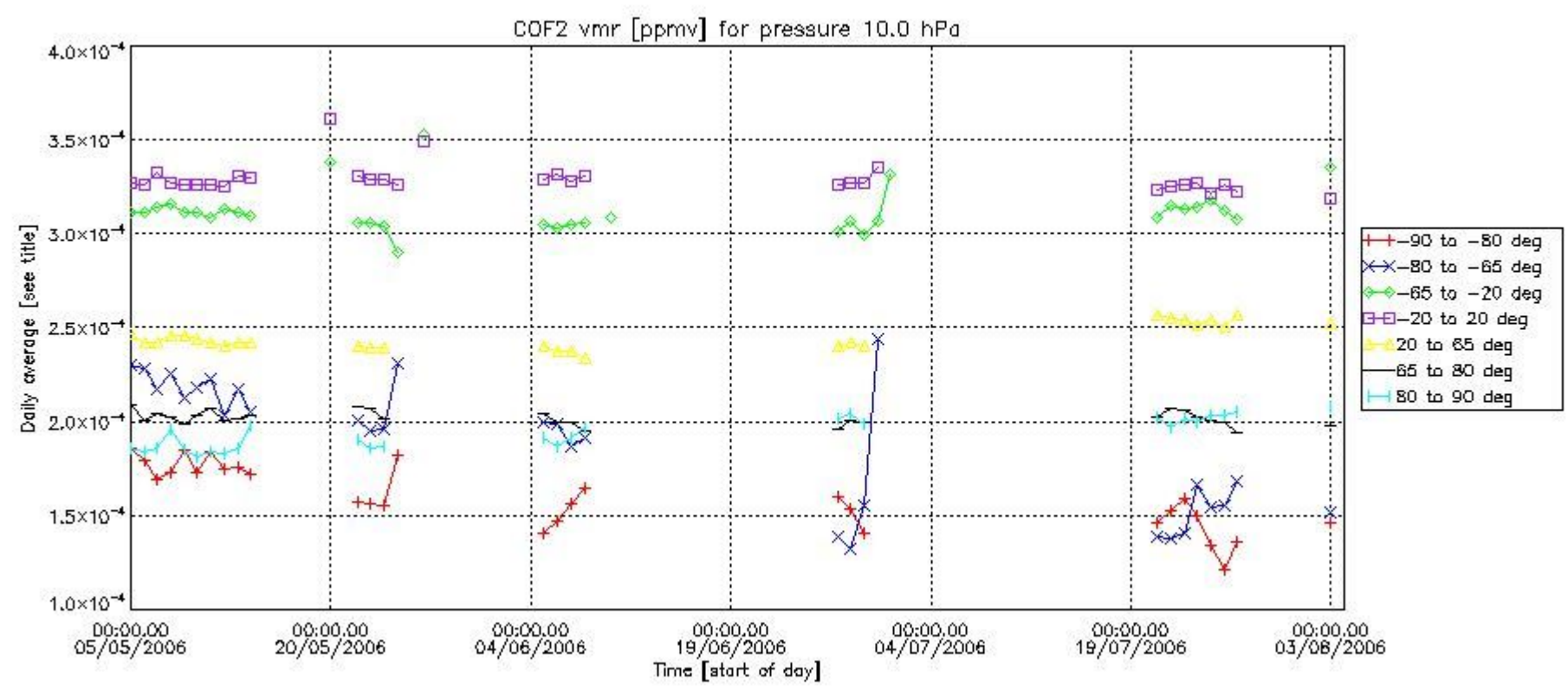


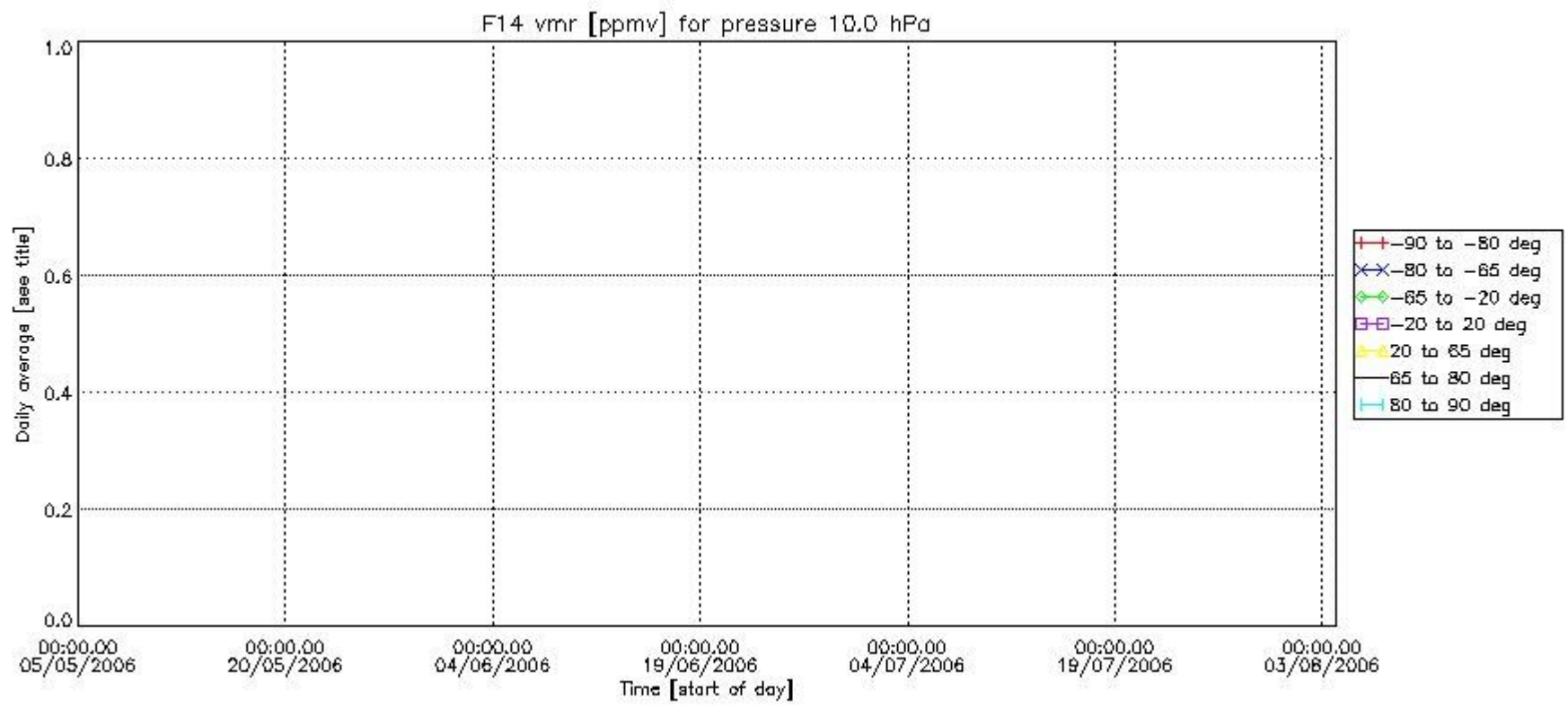
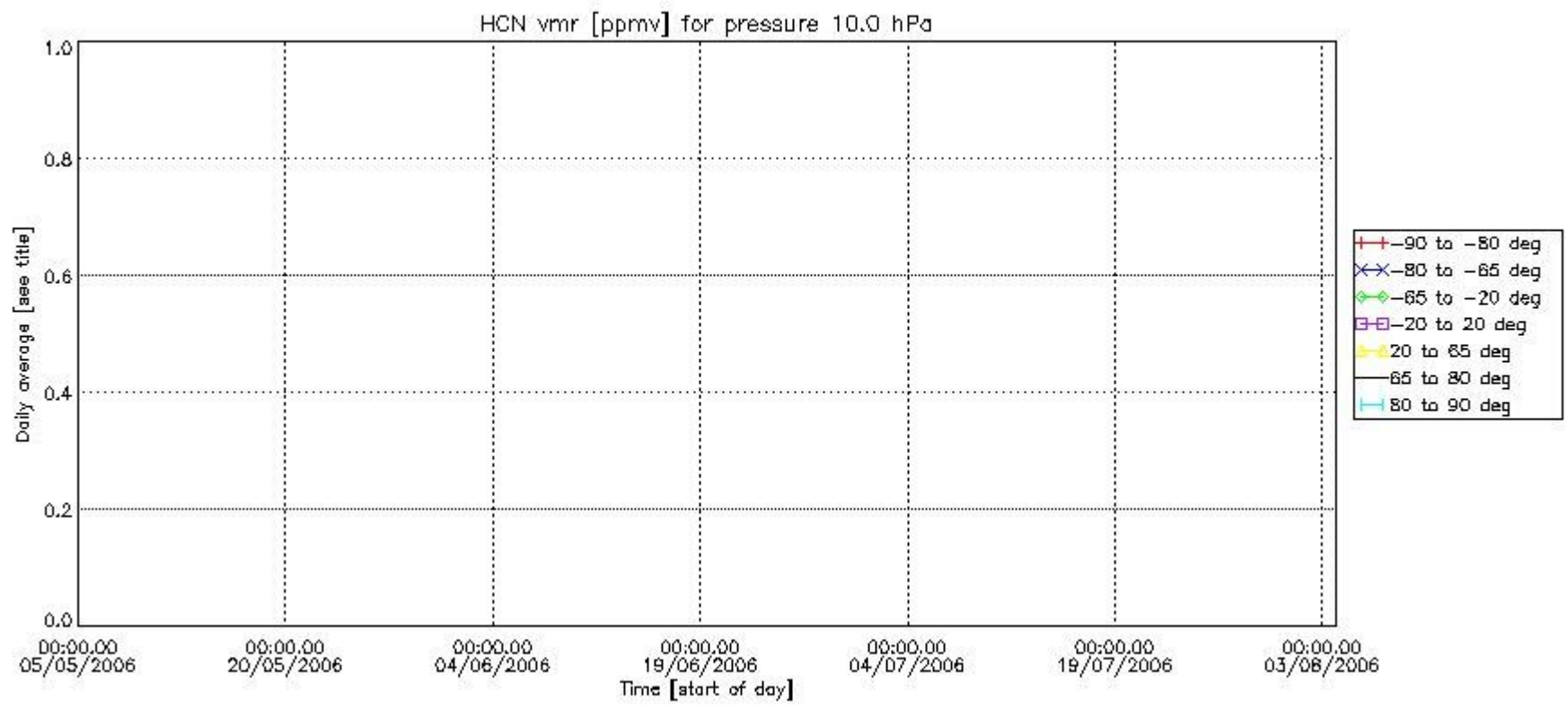


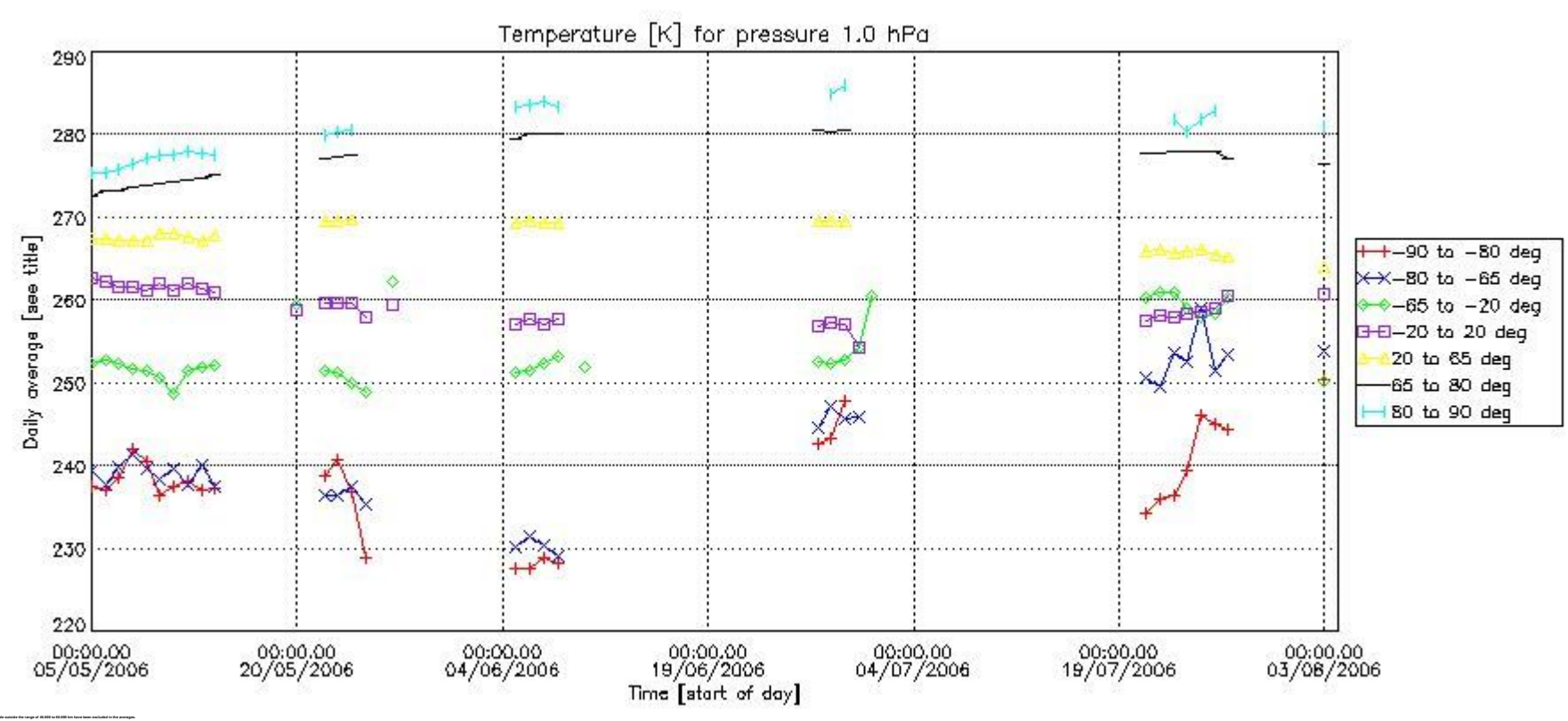
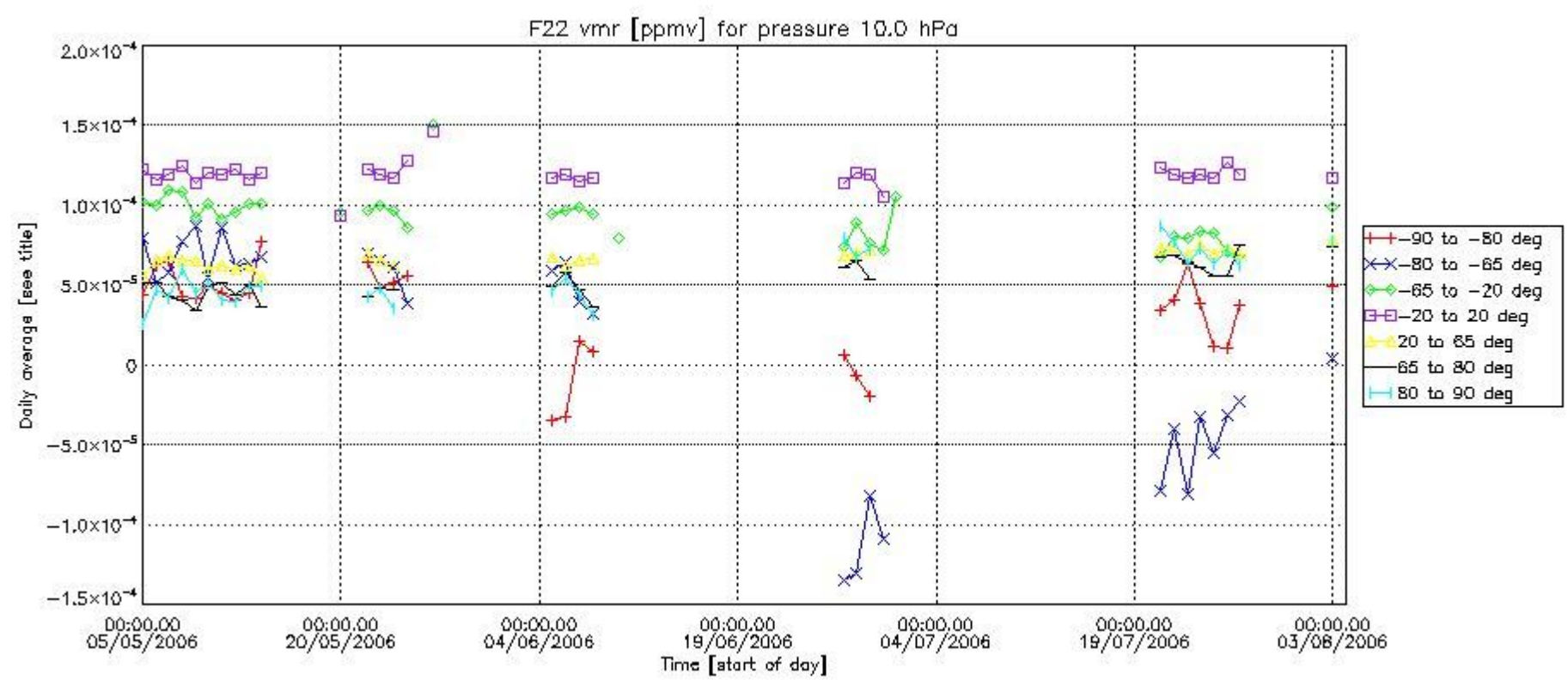


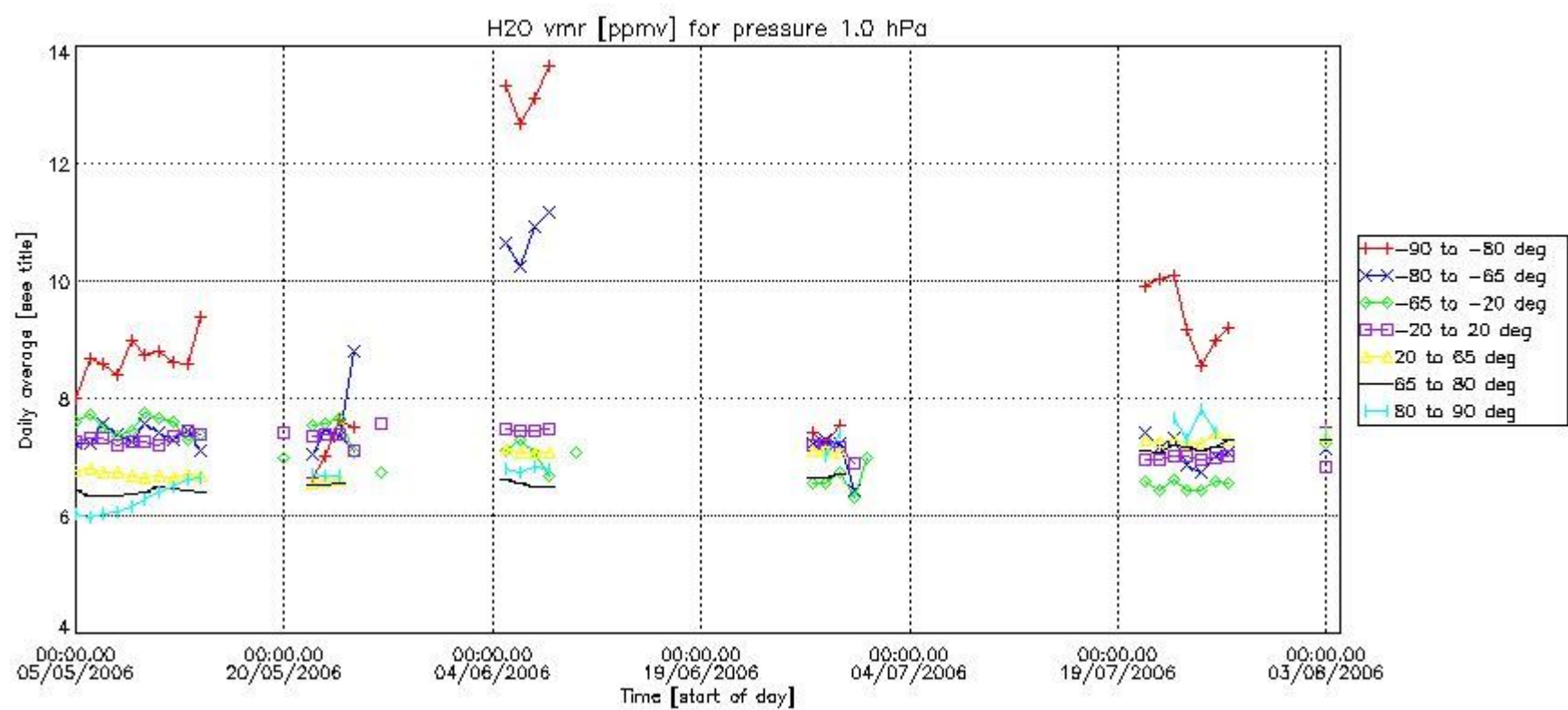
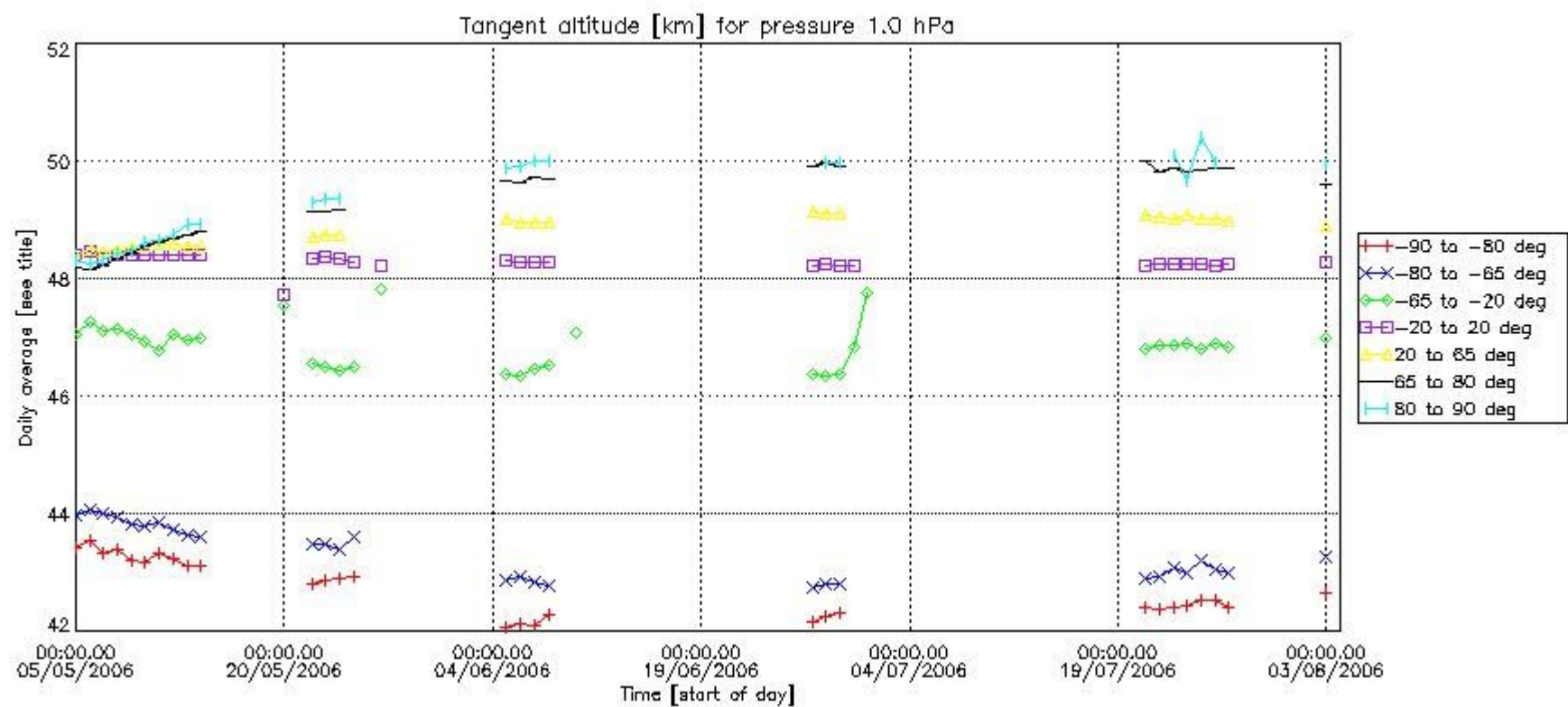


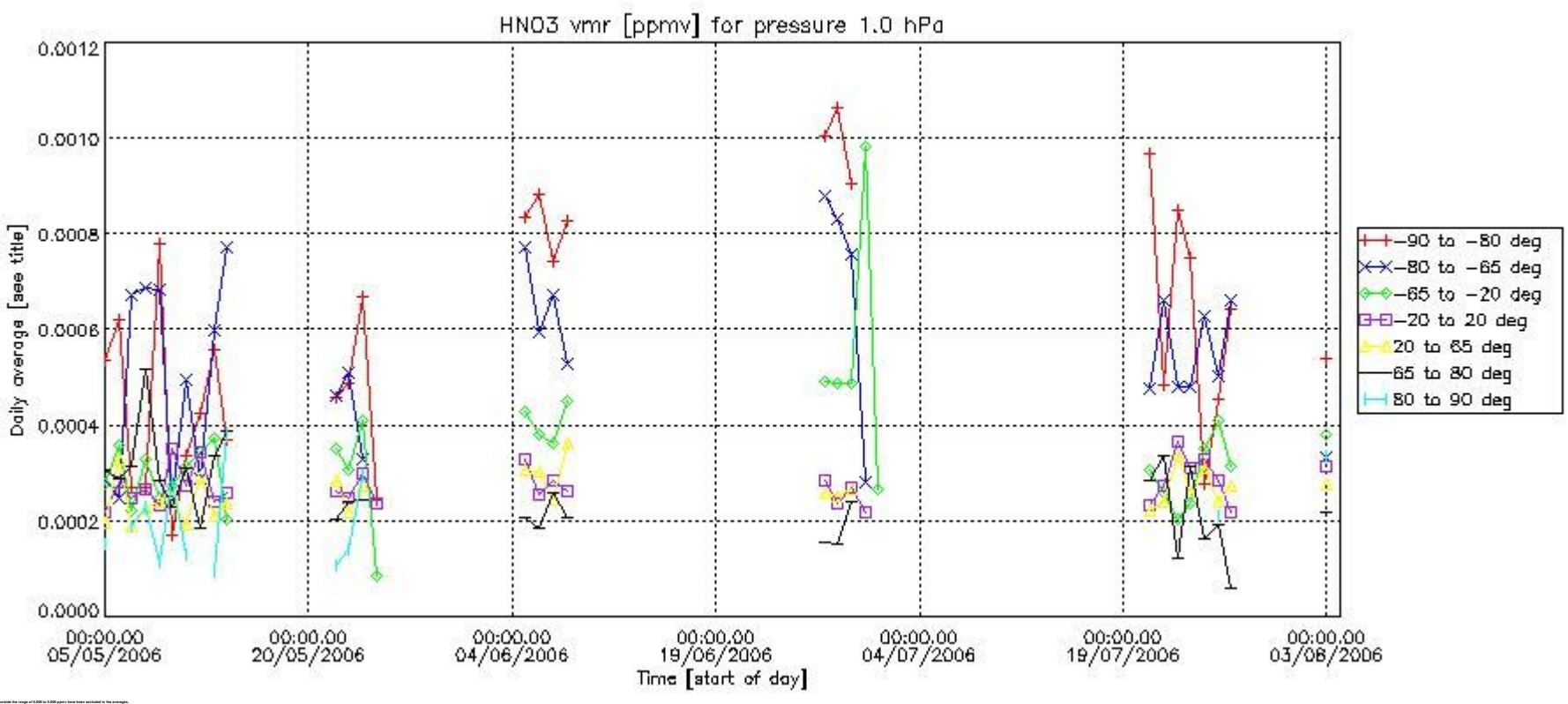
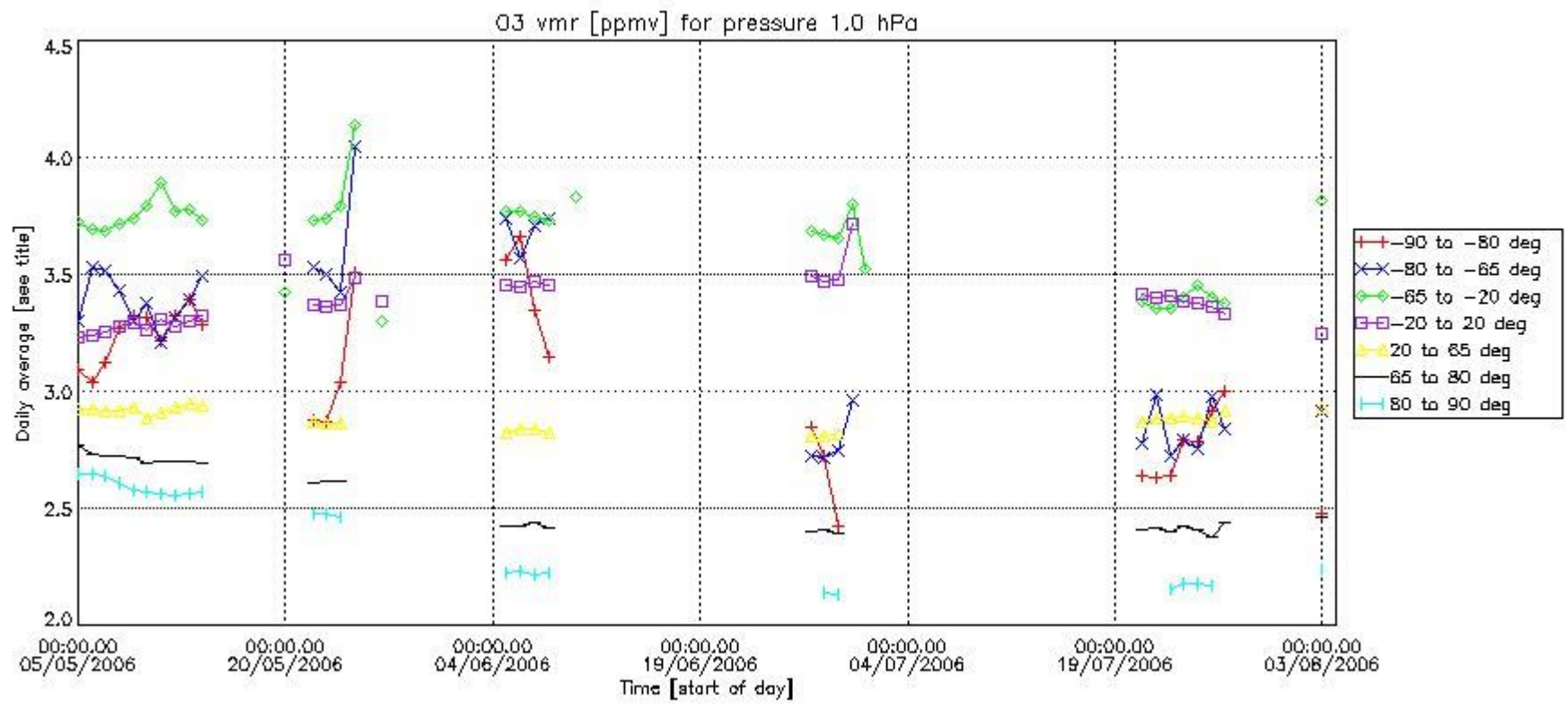


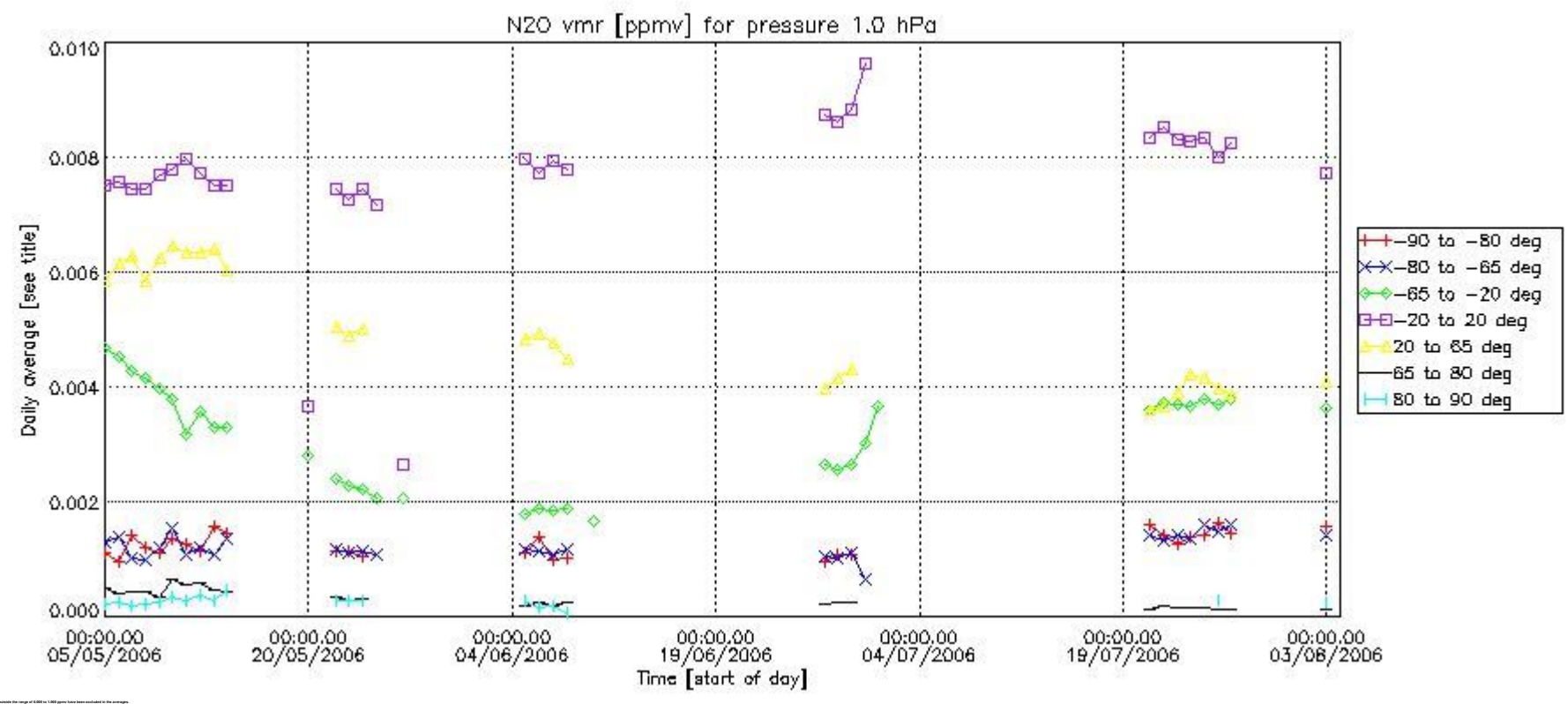
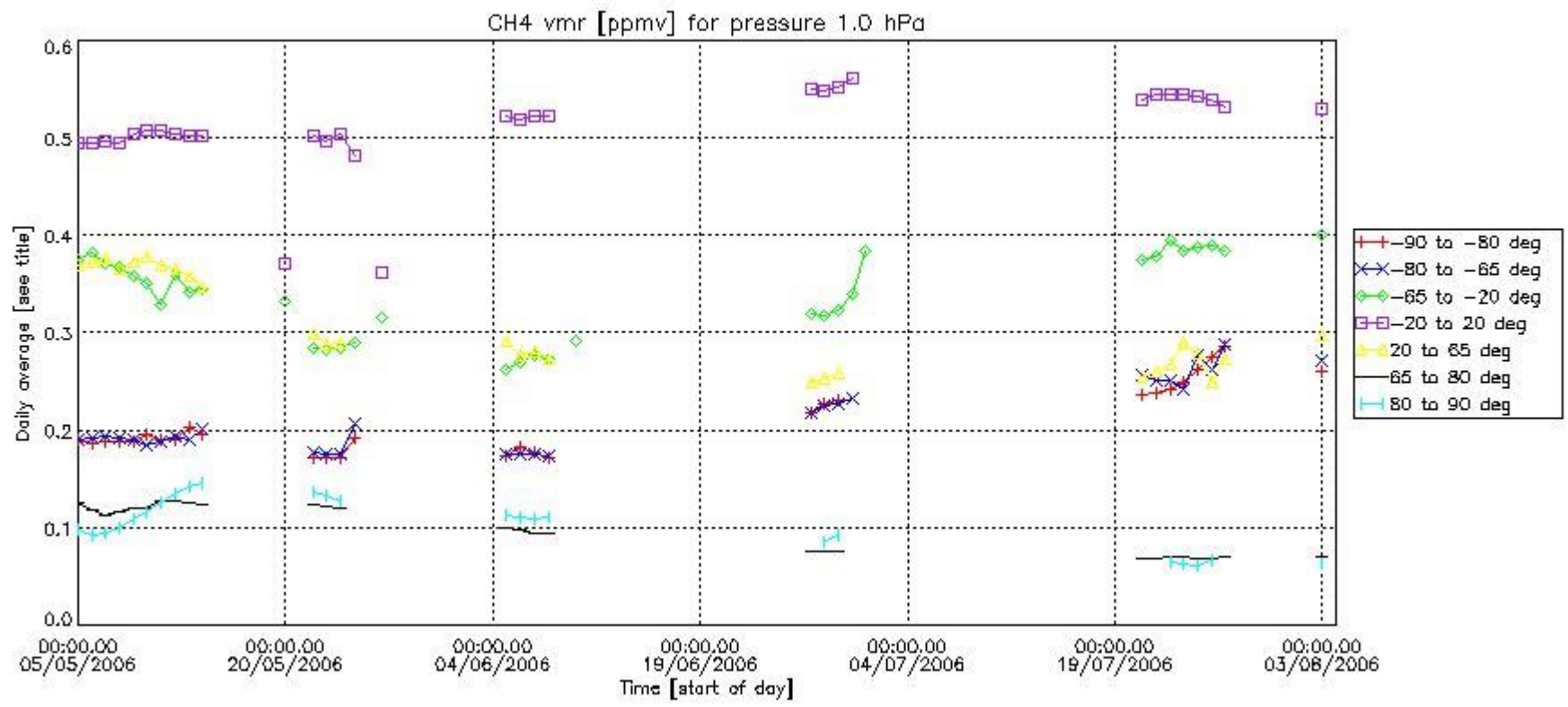


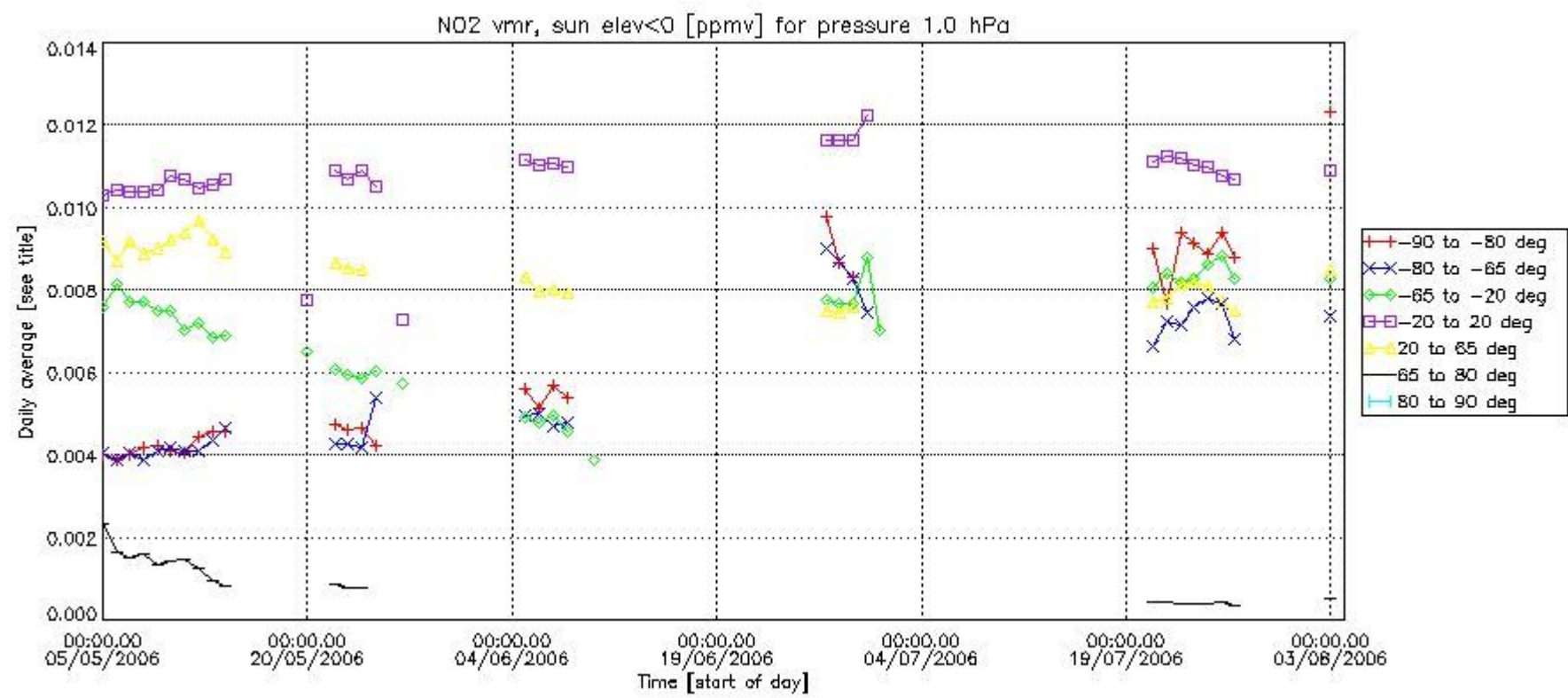
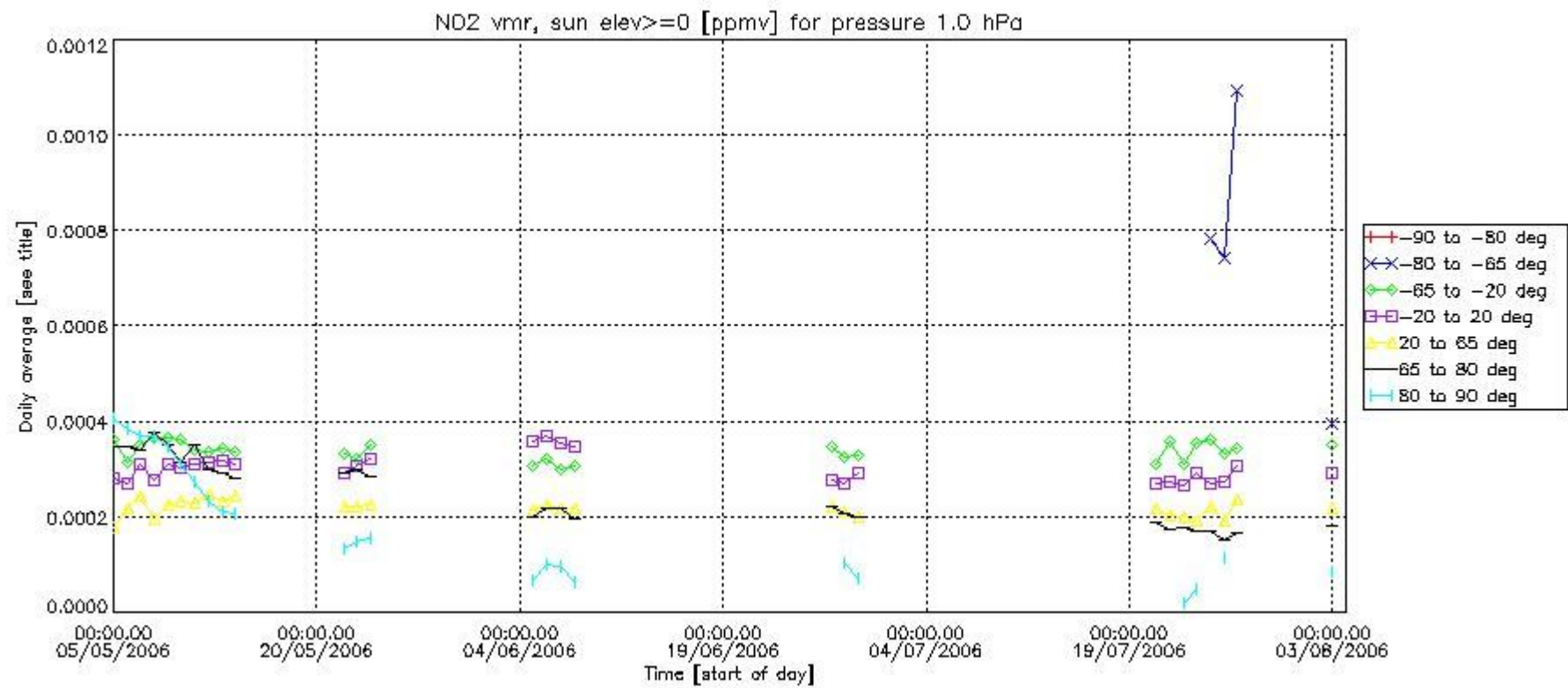




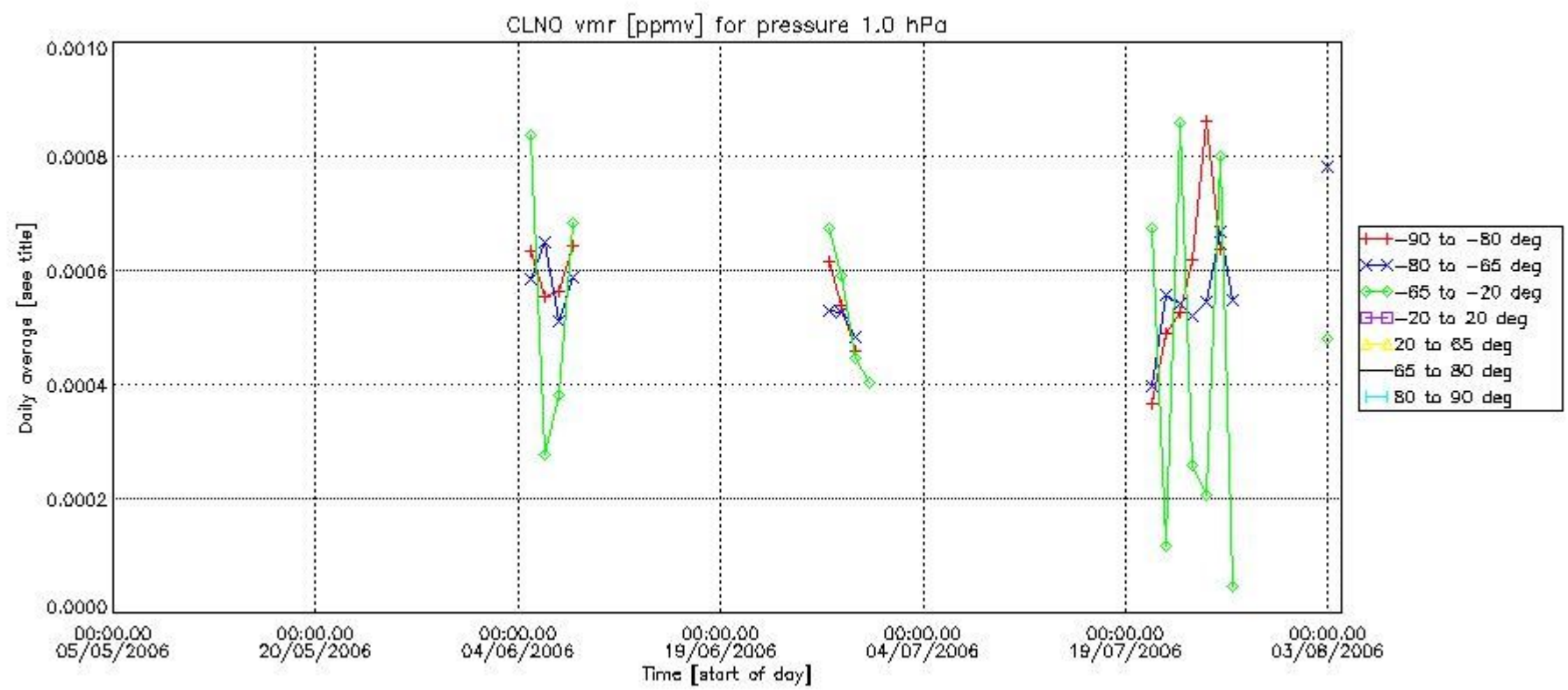
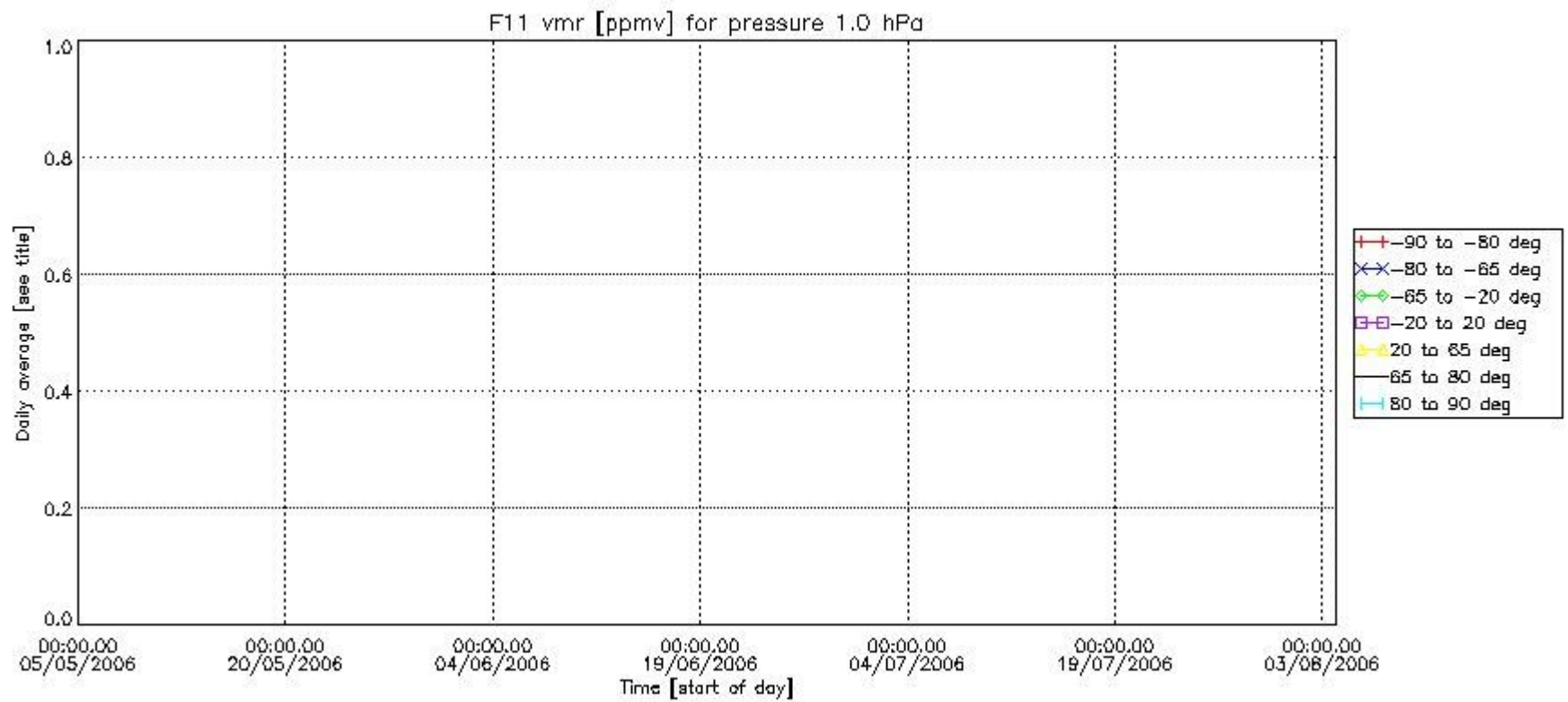


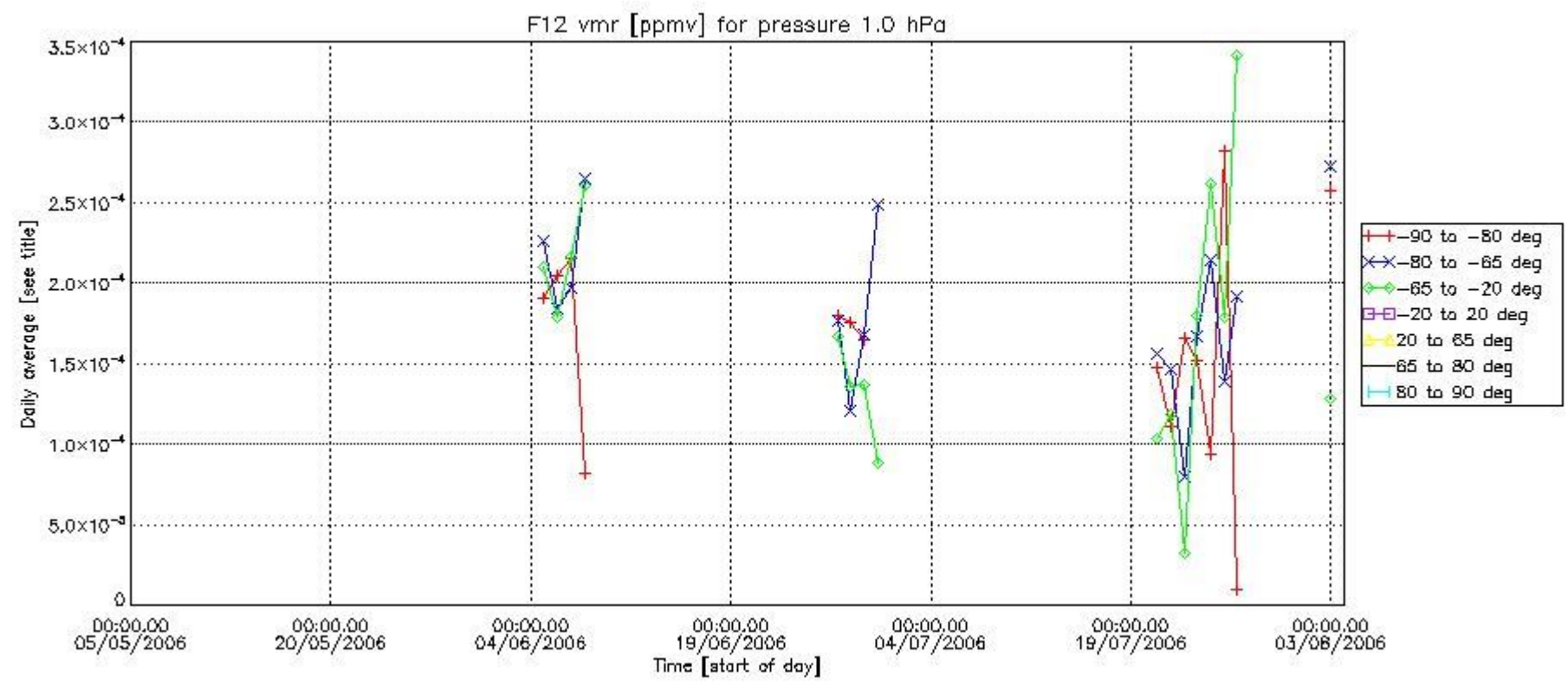
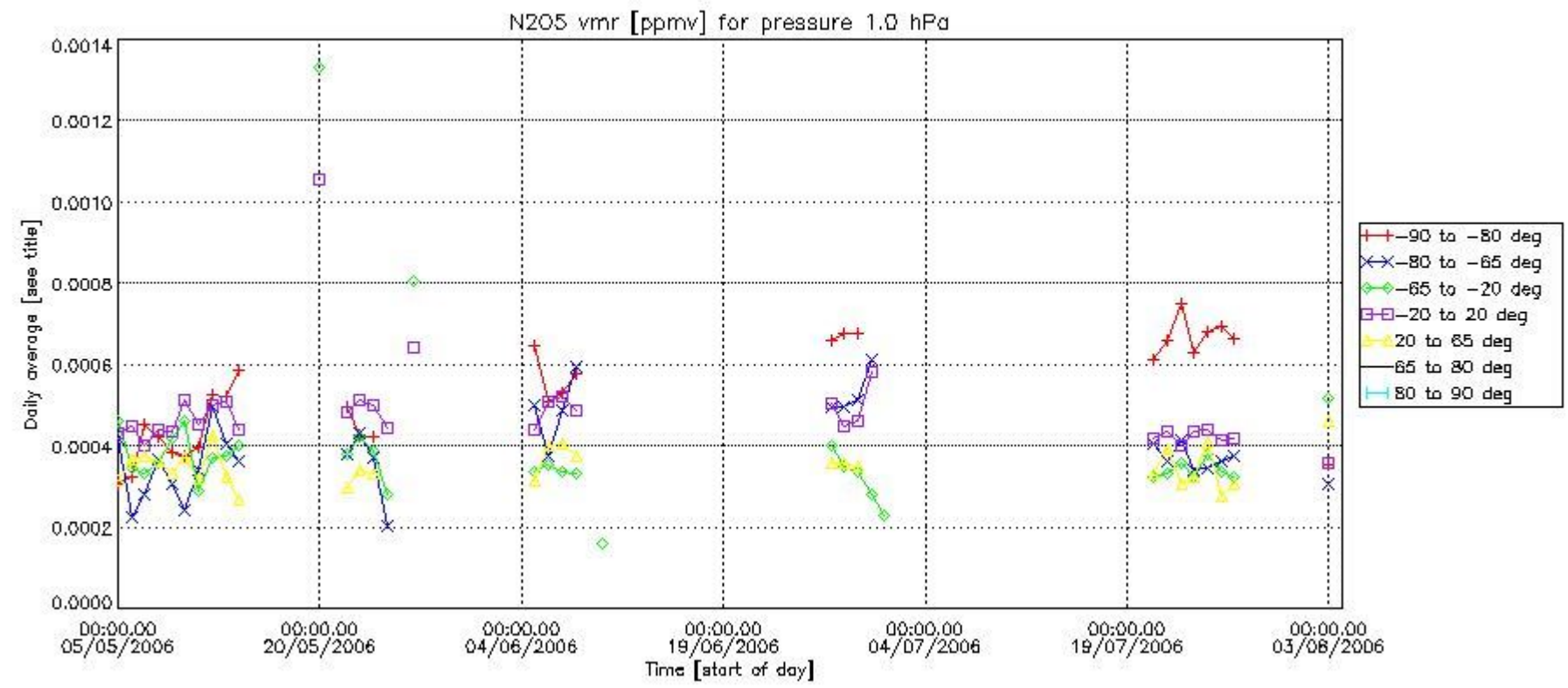


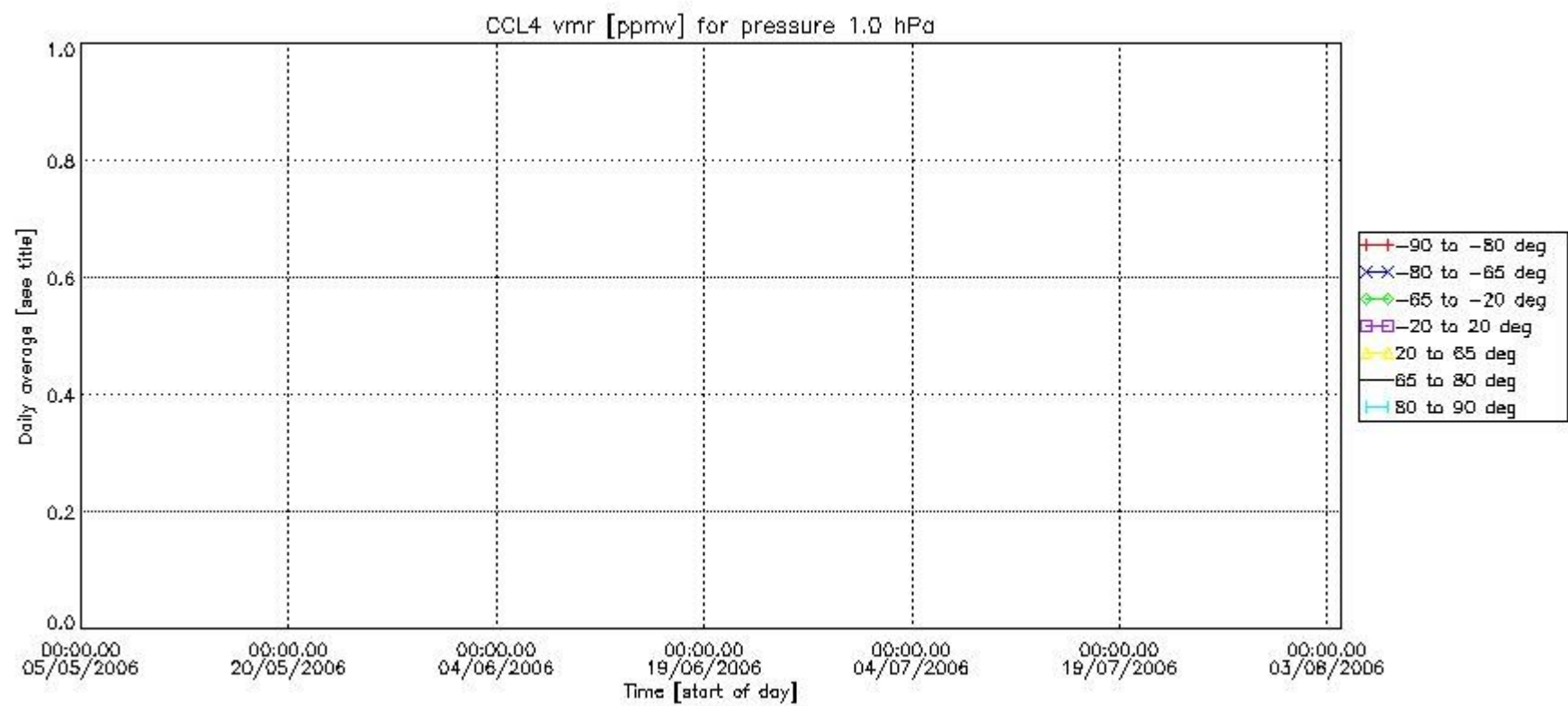
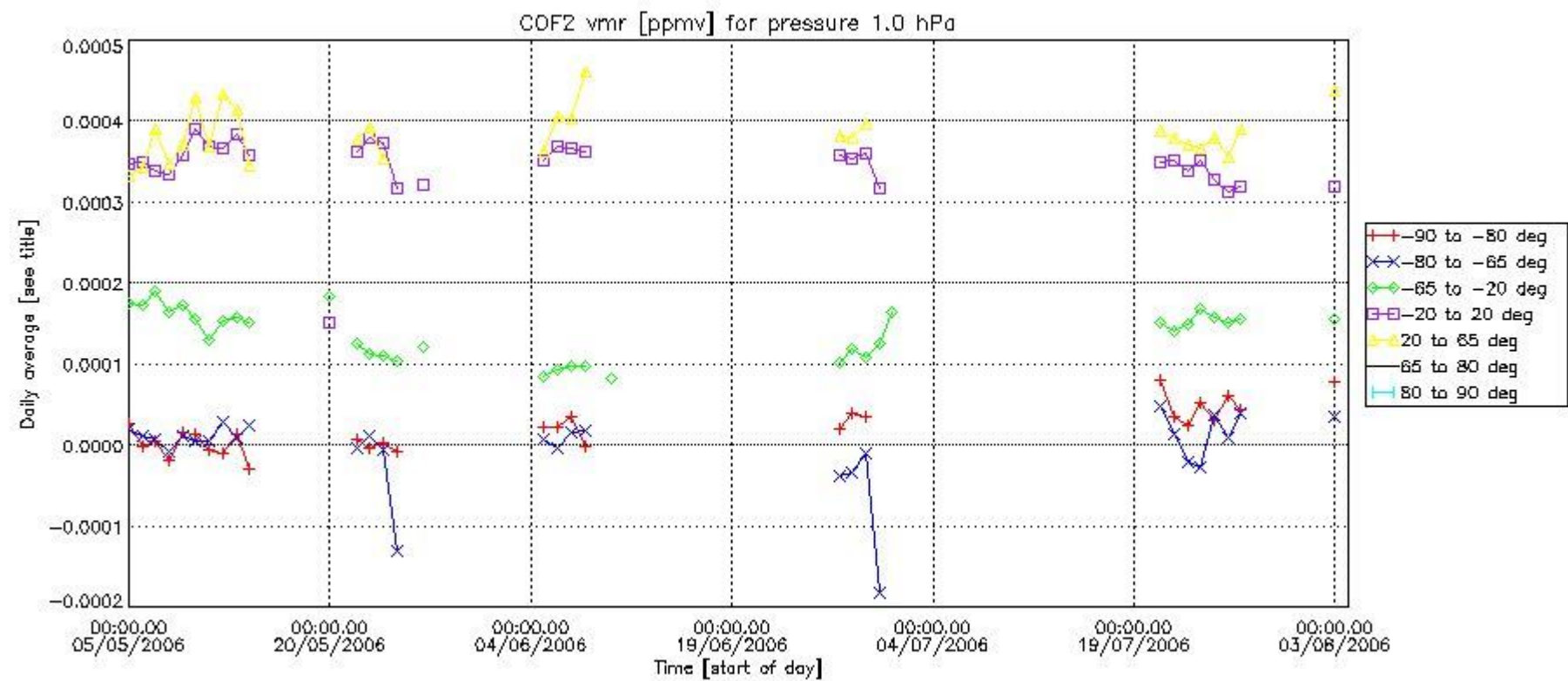


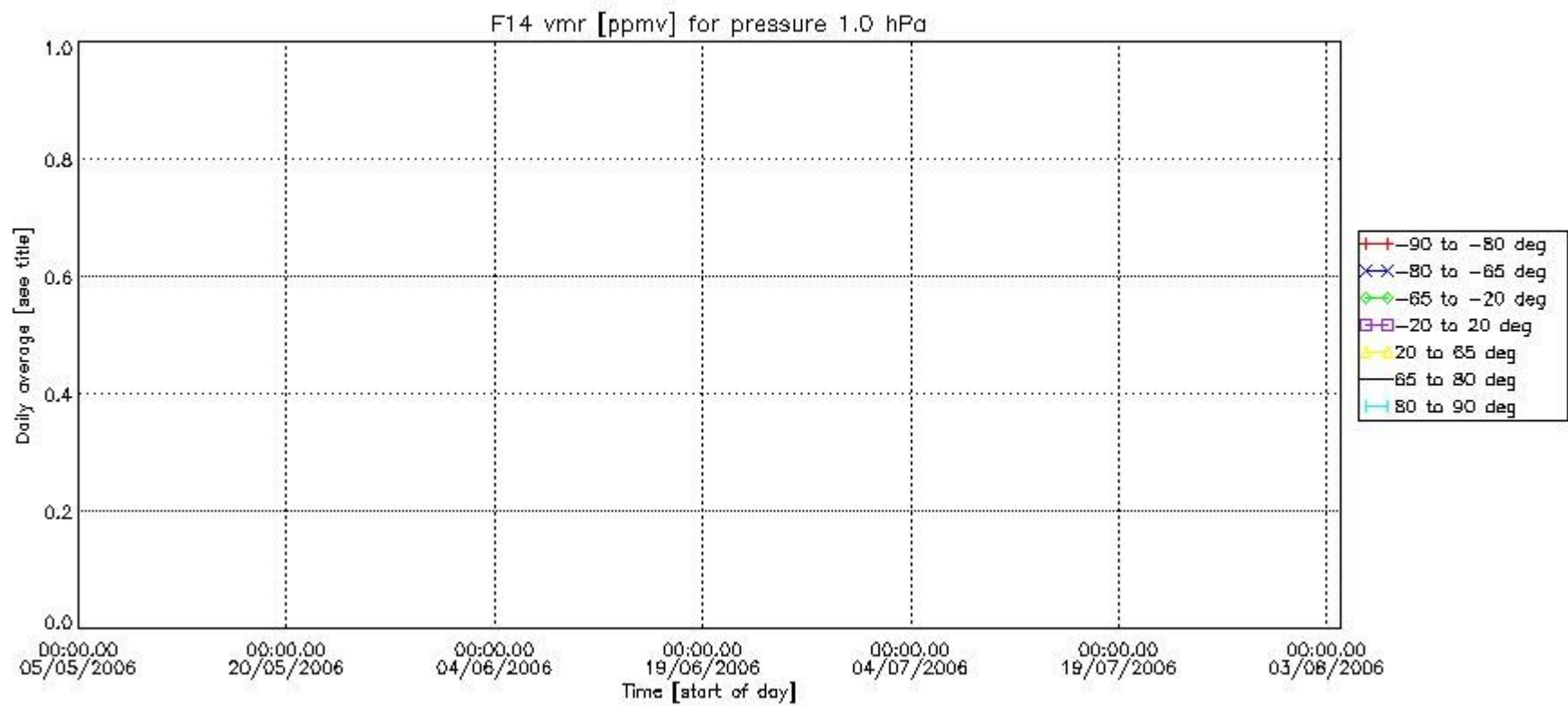
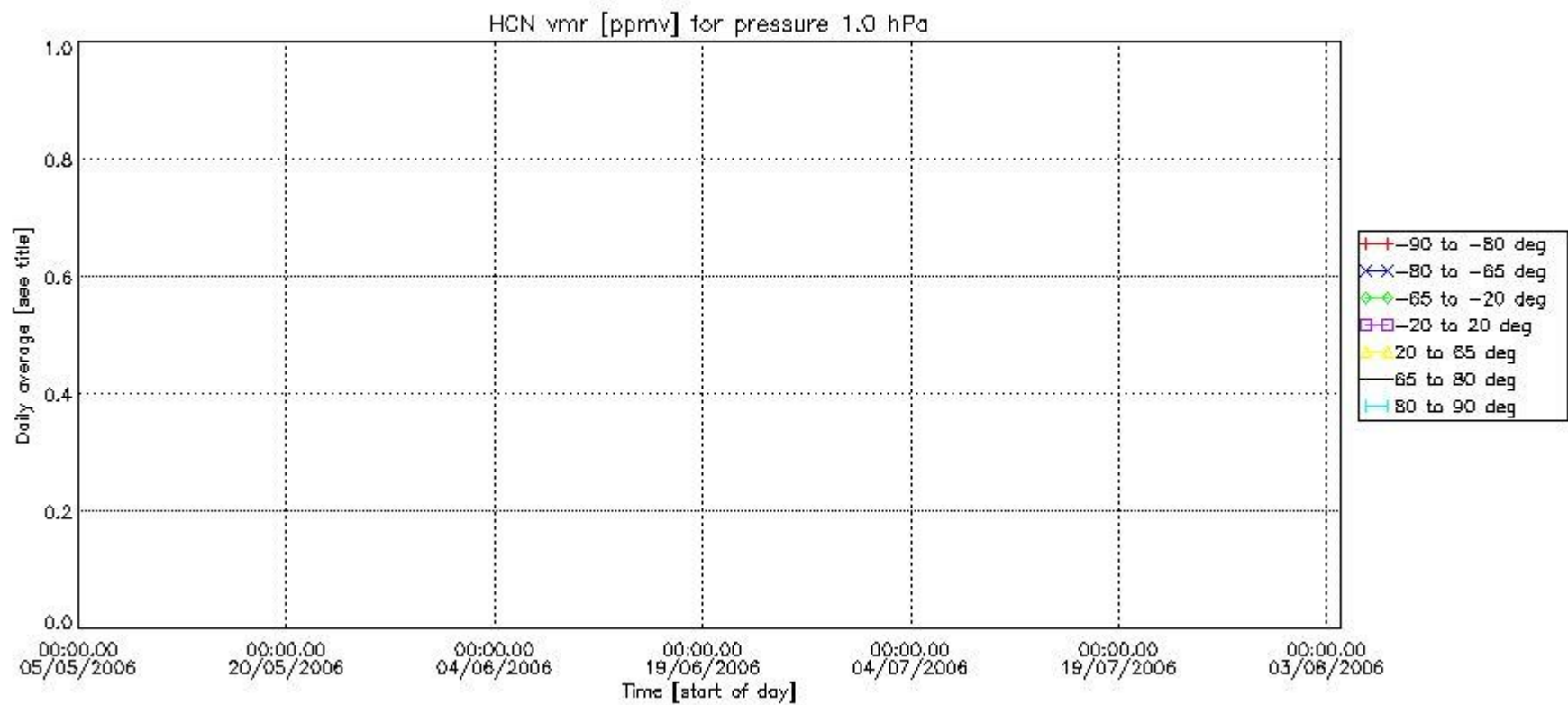


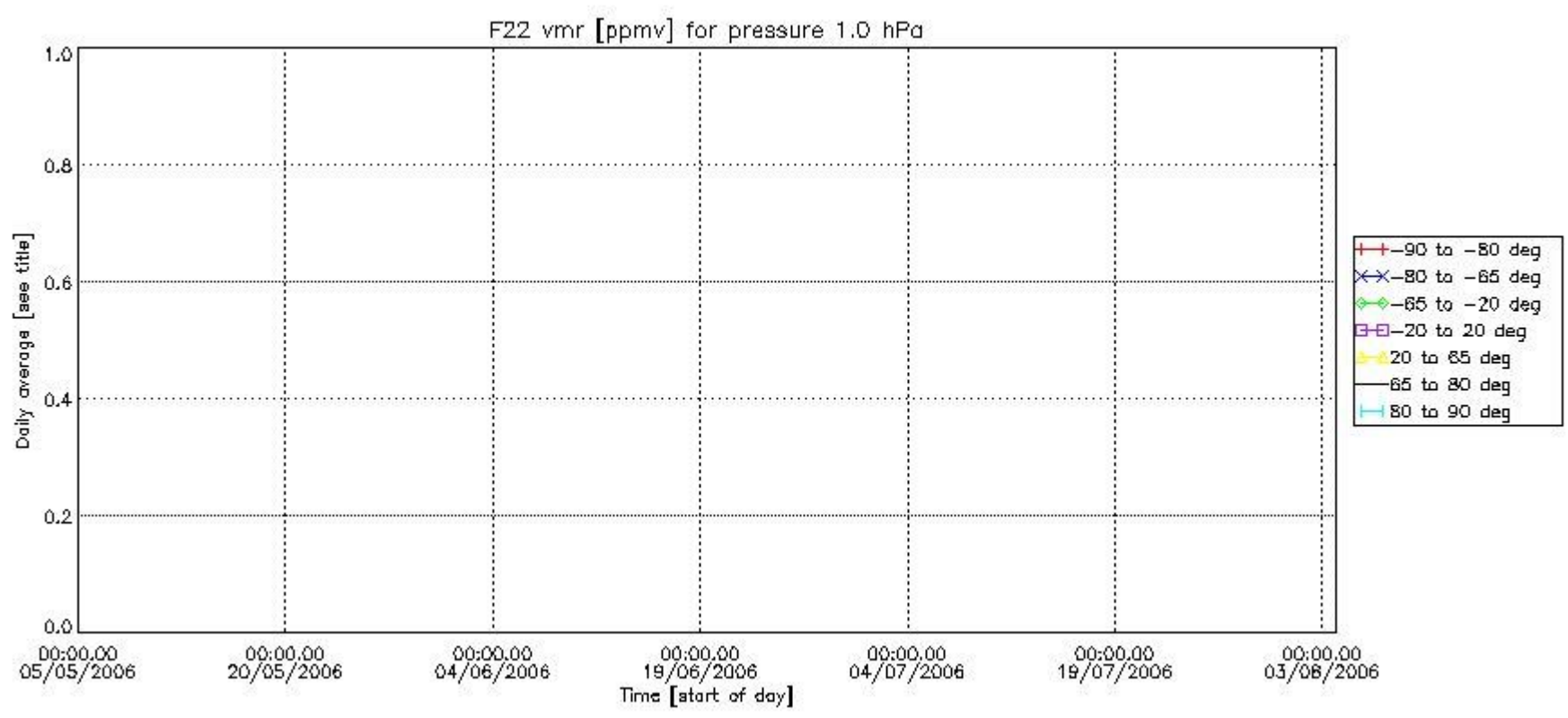












Number of successful retrievals vs. geolocation (\*=day side , triangle=night side).

