

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

(See [mipas\\_daily\\_report\\_level2\\_ML2PP\\_7\\_03\\_W\\_20060818.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 20:13:28
Data source version	ML2PP/7.03-W
Processing scope for products	18AUG2006 00:00:00 to 19AUG2006 00:00:00
Start time of first product within scope	17AUG2006 23:06:05
Stop time of last product within scope	19AUG2006 00:14:57
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_2PWDSI20060817_230605_000050402050_00245_23345_1000.N1	17AUG2006 23:06:05	18AUG2006 00:30:05	0	111/111	VMR_TERM_MACRO_MICRO[CLNO/micro:1]
1	MIP_NL_2PWDSI20060818_070721_000012542050_00249_23349_1000.N1	18AUG2006 07:07:21	18AUG2006 07:28:14	0	24/24	VMR_TERM_MACRO_MICRO[HCN/macro:2]
2	MIP_NL_2PWDSI20060818_072905_000060302050_00250_23350_1000.N1	18AUG2006 07:29:05	18AUG2006 09:09:34	0	109/109	VMR_TERM_MACRO_MICRO[HCN/macro:1]
3	MIP_NL_2PWDSI20060818_090940_000060302050_00251_23351_1000.N1	18AUG2006 09:09:40	18AUG2006 10:50:10	0	128/128	VMR_TERM_MACRO_MICRO[F14/macro:2; CLNO/micro:1; HCN/micro:2]
4	MIP_NL_2PWDSI20060818_105016_000050402050_00252_23352_1000.N1	18AUG2006 10:50:16	18AUG2006 12:14:16	0	111/111	VMR_TERM_MACRO_MICRO[F14/macro:1]
5	MIP_NL_2PWDSI20060818_203209_000007402050_00257_23357_1000.N1	18AUG2006 20:32:09	18AUG2006 20:44:28	0	17/17	
6	MIP_NL_2PWDSI20060818_223004_000002132050_00258_23358_1000.N1	18AUG2006 22:30:04	18AUG2006 22:33:38	0	5/5	
7	MIP_NL_2PWDSI20060818_223428_000060302050_00259_23359_1000.N1	18AUG2006 22:34:28	19AUG2006 00:14:57	0	128/128	VMR_TERM_MACRO_MICRO[CH4/macro:1; CLNO/micro:2; HCN/micro:2]

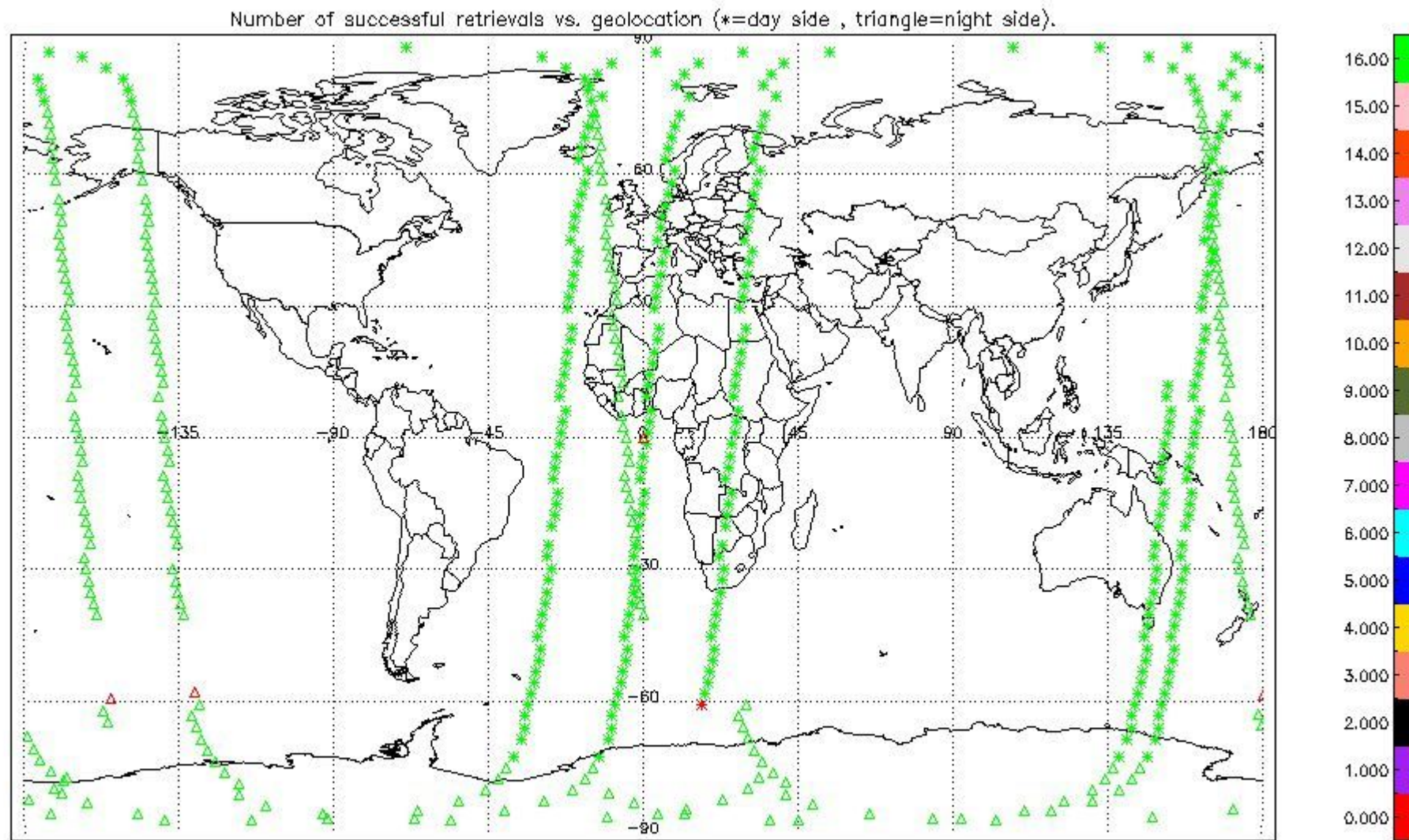
## 2.2 Processing performance indicators

### 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.

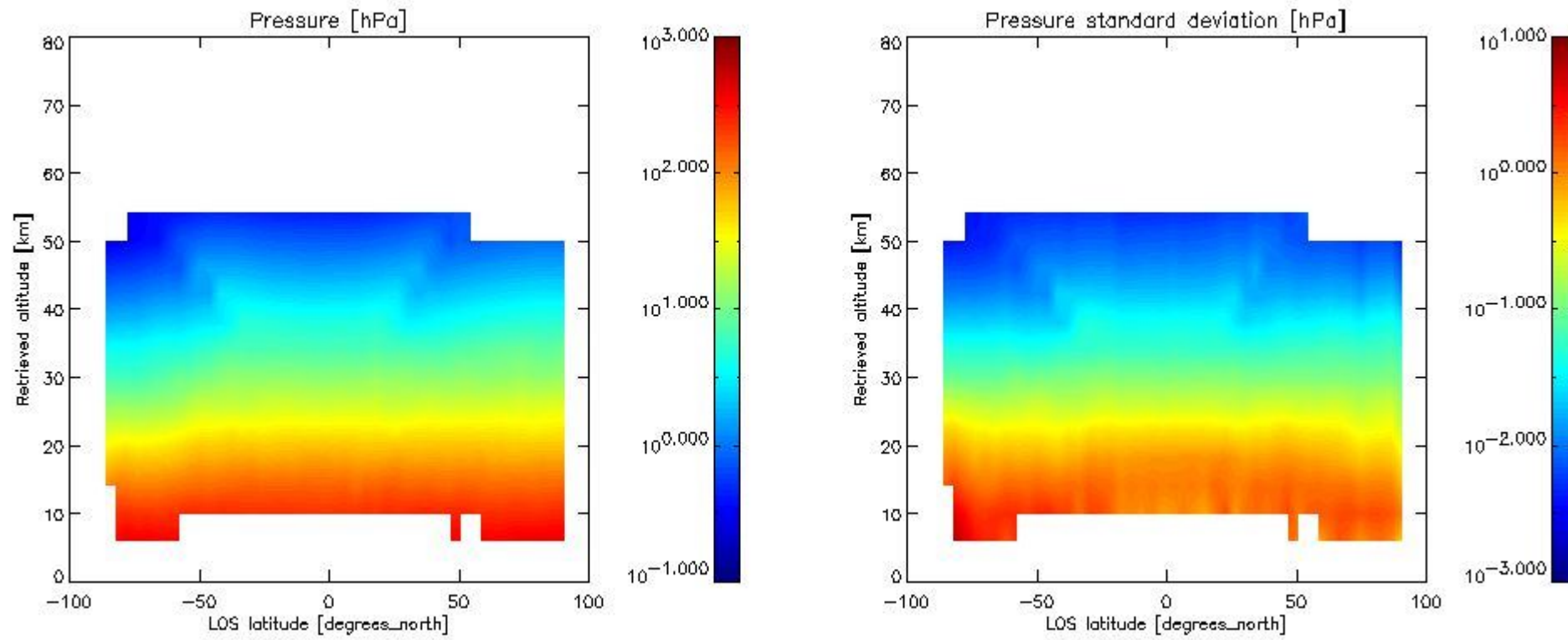
RETRIEVAL MDS	# scans processed	# Successful retrievals	%
PT	633	540	85.308
H2O	633	540	85.308

O3	633	540	85.308
HNO3	633	540	85.308
CH4	633	540	85.308
N2O	633	540	85.308
NO2	633	540	85.308
F11	633	540	85.308
CLNO	633	540	85.308
N2O5	633	540	85.308
F12	633	540	85.308
COF2	633	540	85.308
CCL4	633	540	85.308
HCN	633	540	85.308
F14	633	540	85.308
F22	633	540	85.308



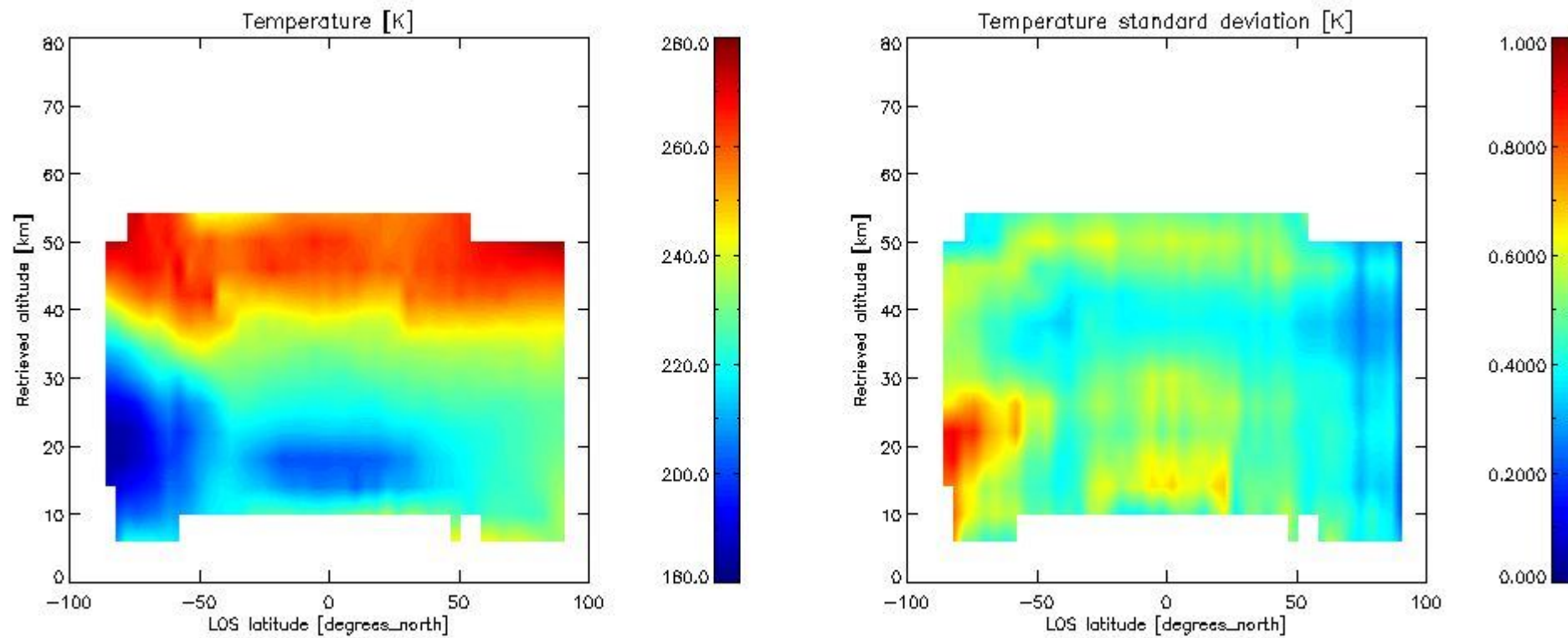
## 2.2.2 Pressure overview

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



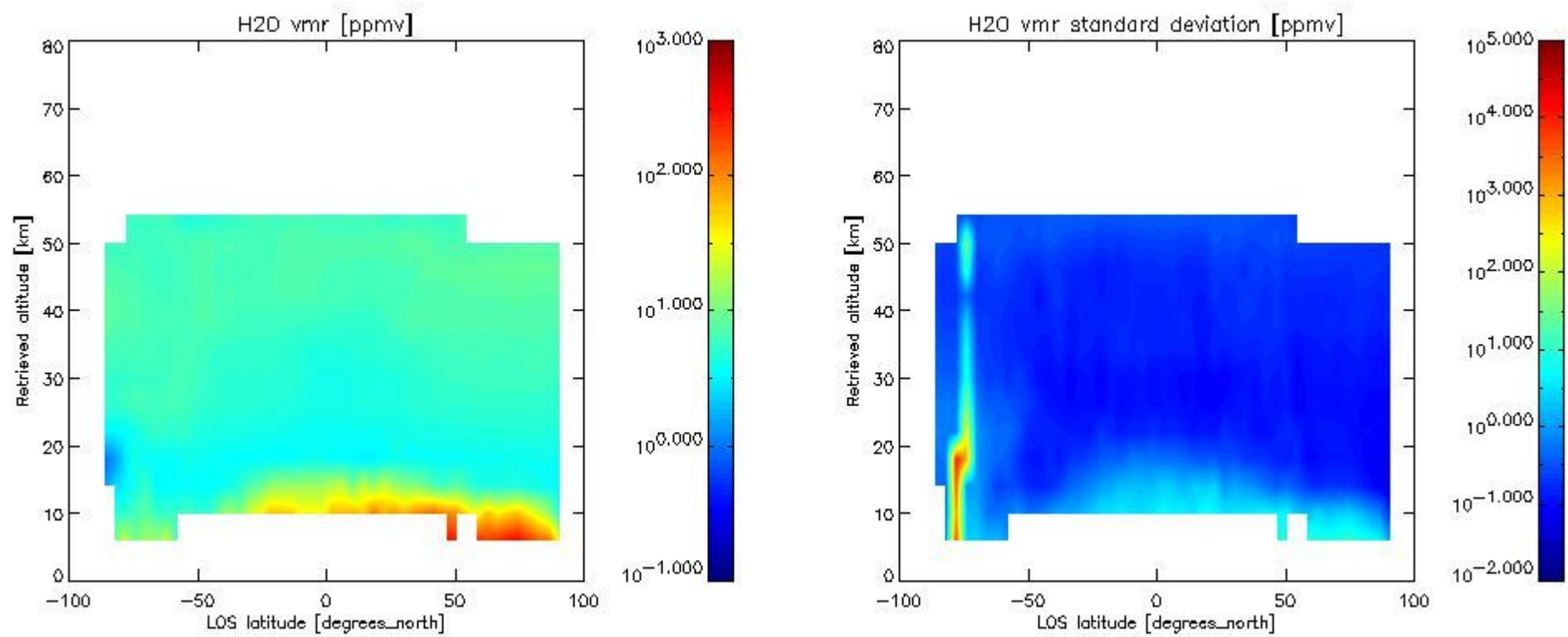
### 2.2.3 Temperature overview

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

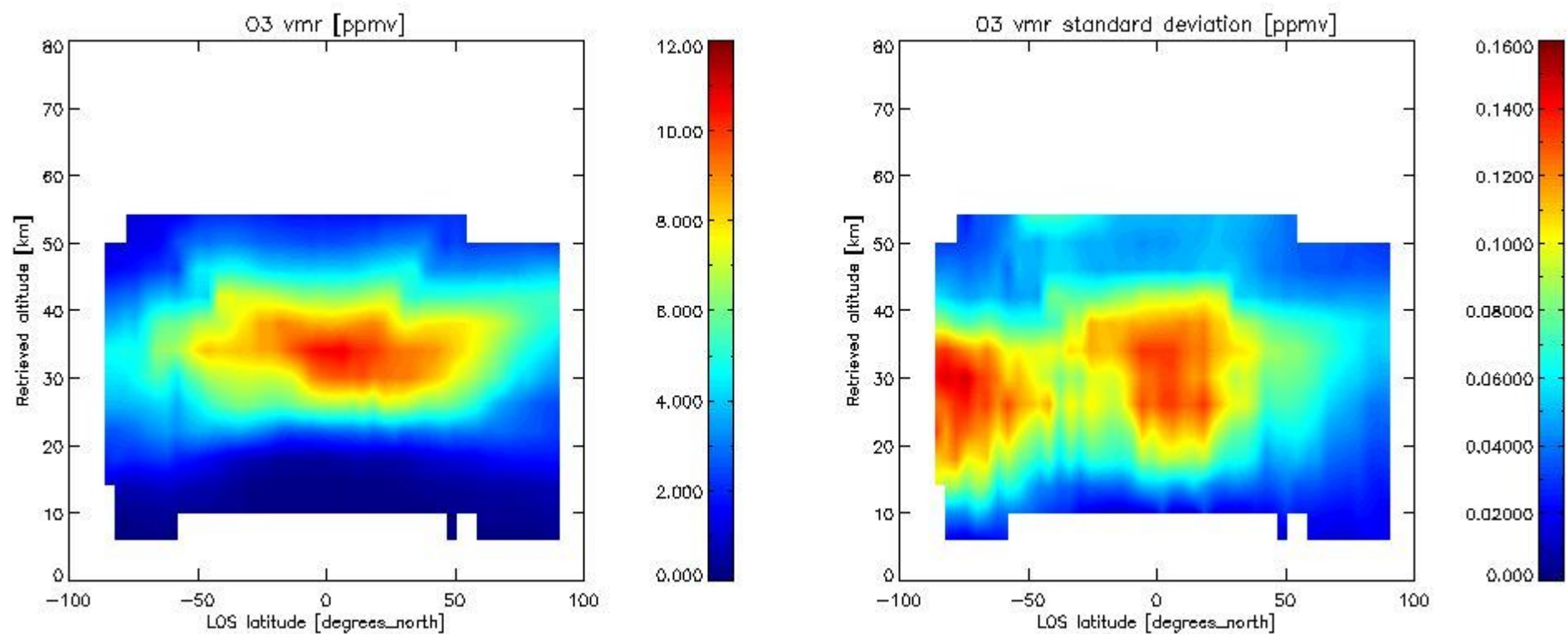


### 2.2.4 Species overview

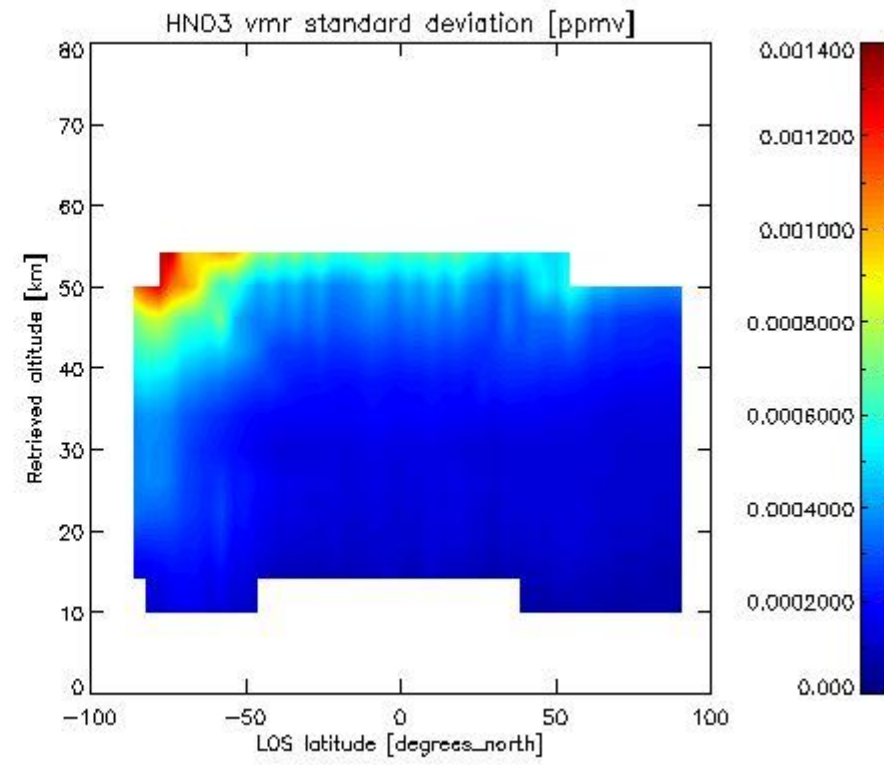
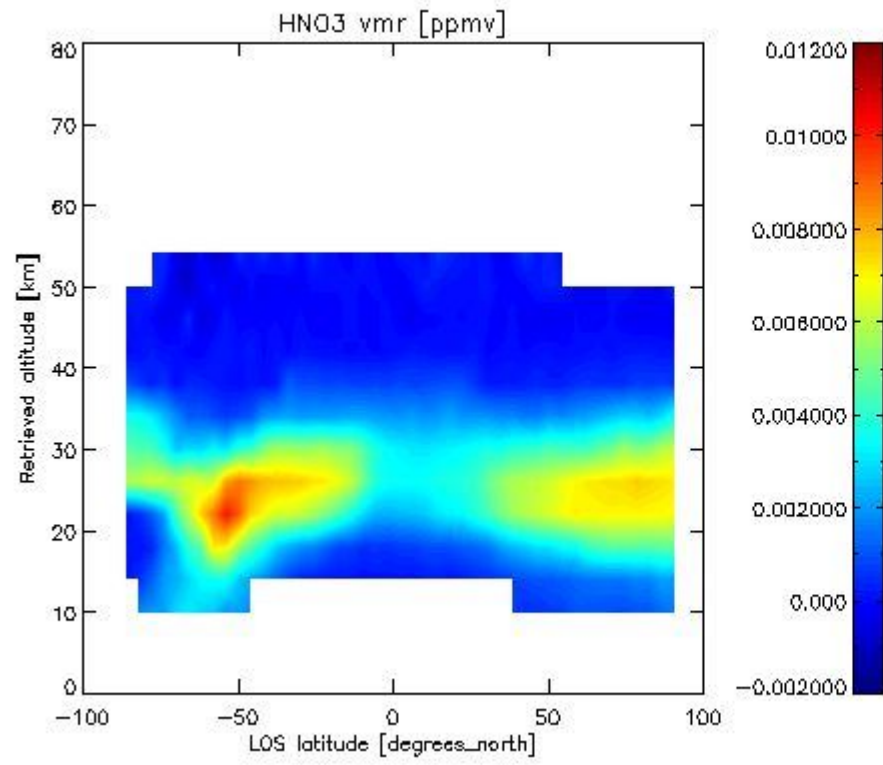
**2.2.4.1 H<sub>2</sub>O overview** This section shows values (left) and error (right) for H<sub>2</sub>O after binning individual sweep values over retrieved altitude and tangent latitude.



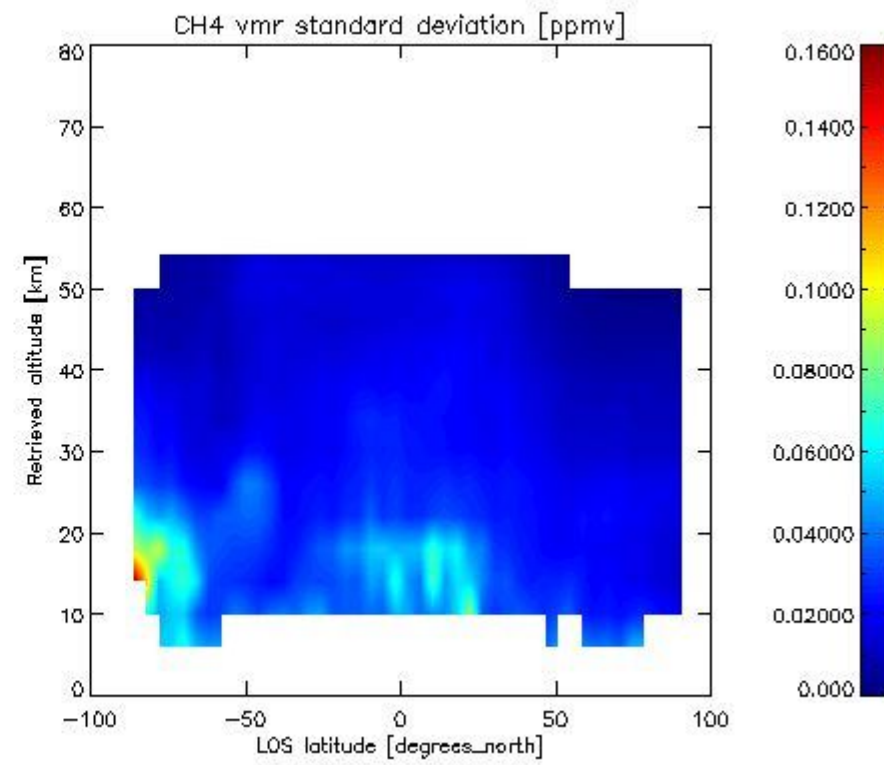
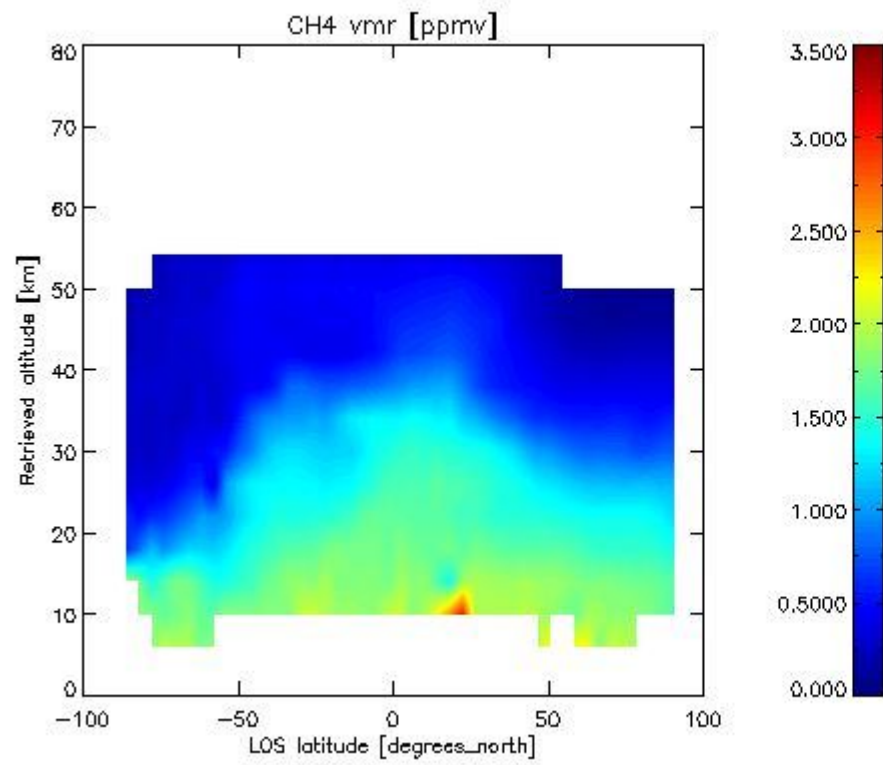
2.2.4.2 O3 overview This section shows values (left) and error (right) for O3 after binning individual sweep values over retrieved altitude and tangent latitude.



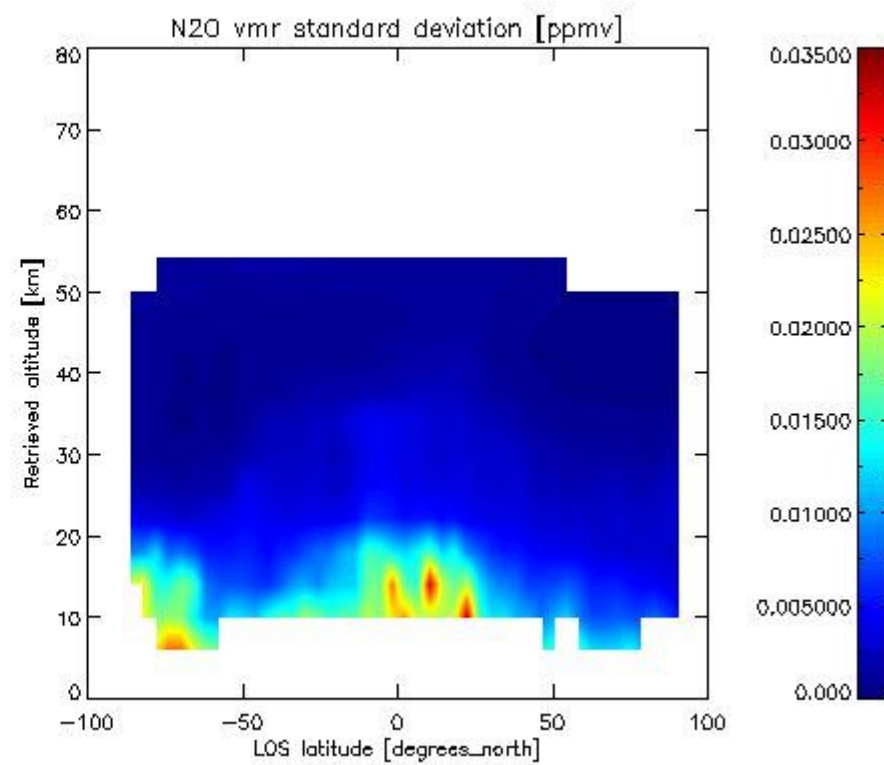
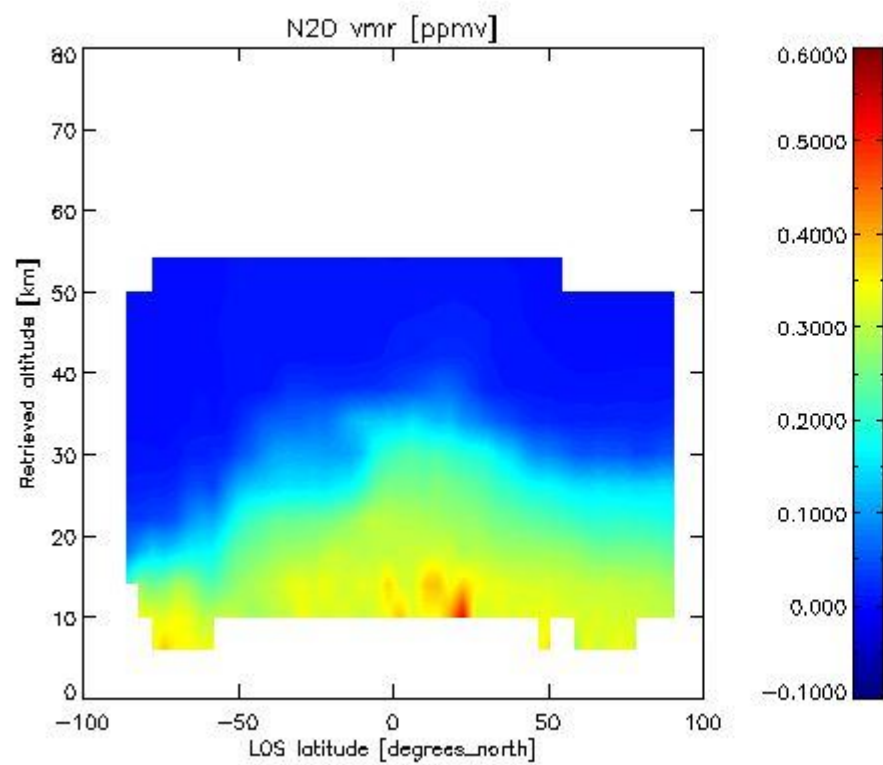
2.2.4.3 HNO3 overview This section shows values (left) and error (right) for HNO3 after binning individual sweep values over retrieved altitude and tangent latitude.



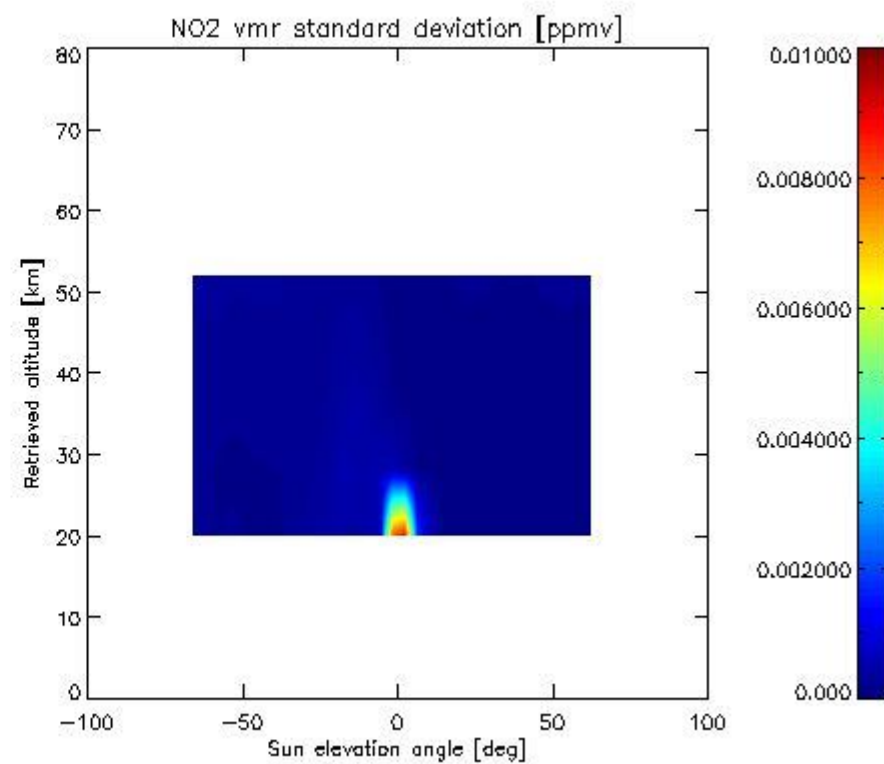
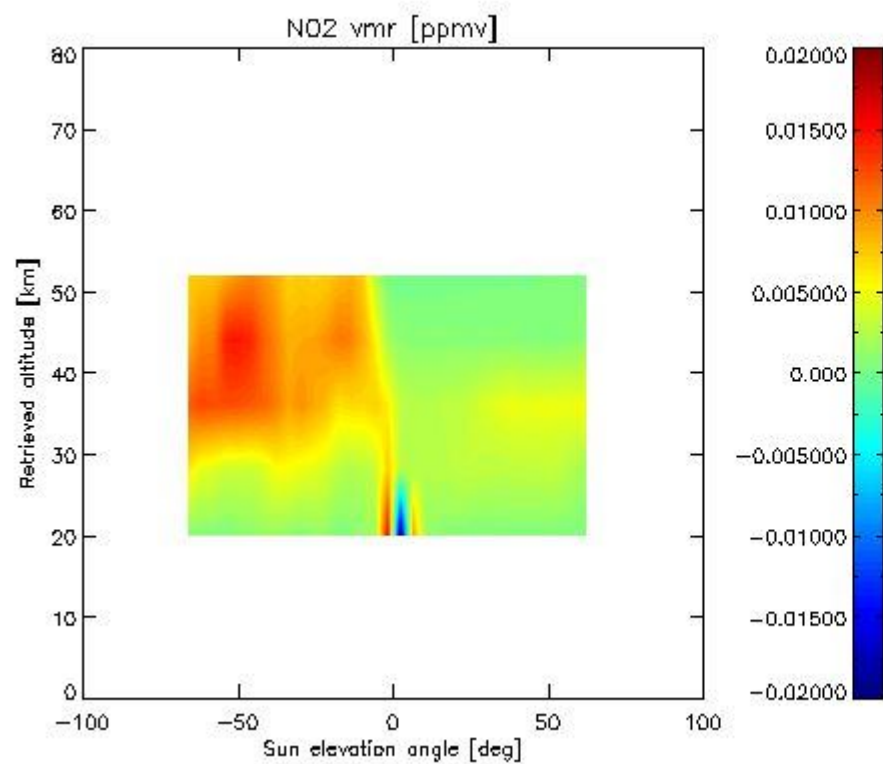
2.2.4.4 CH<sub>4</sub> overview This section shows values (left) and error (right) for CH<sub>4</sub> after binning individual sweep values over retrieved altitude and tangent latitude.



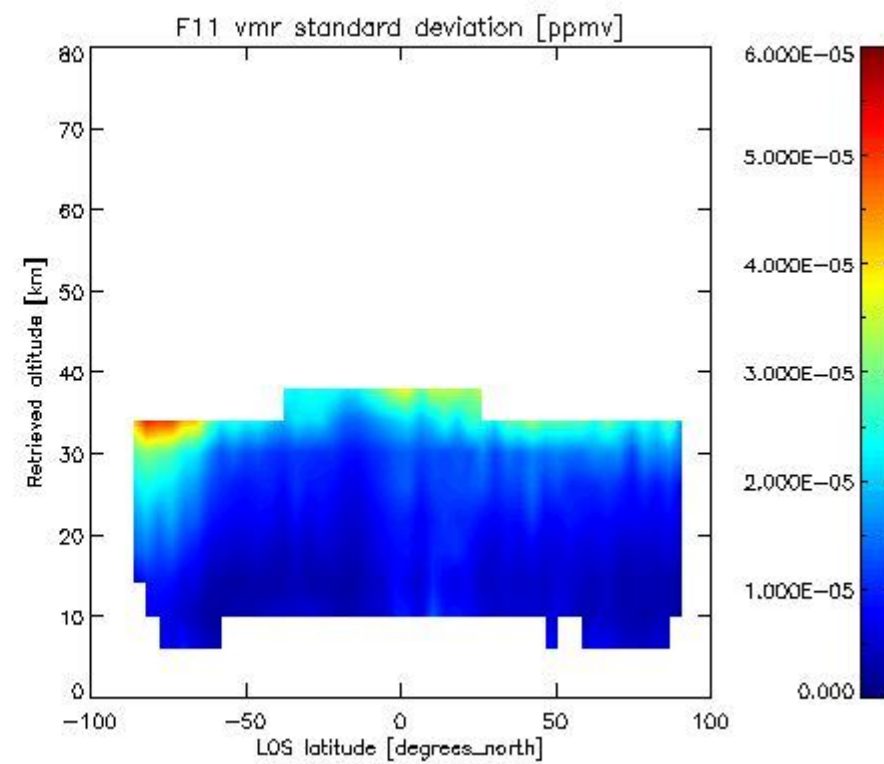
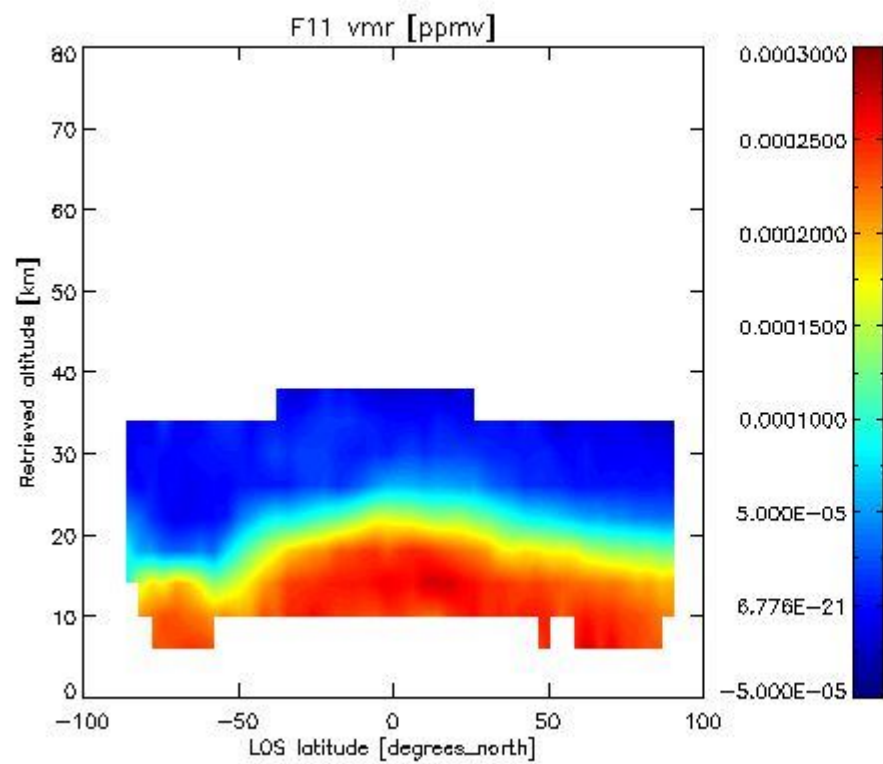
2.2.4.5 N<sub>2</sub>O overview This section shows values (left) and error (right) for N<sub>2</sub>O after binning individual sweep values over retrieved altitude and tangent latitude.



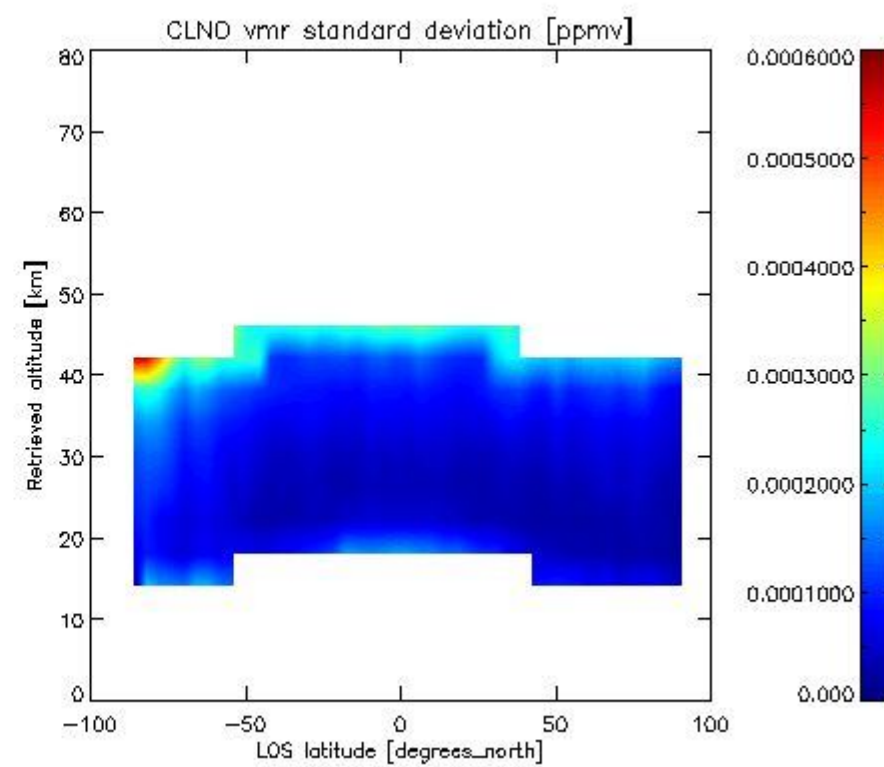
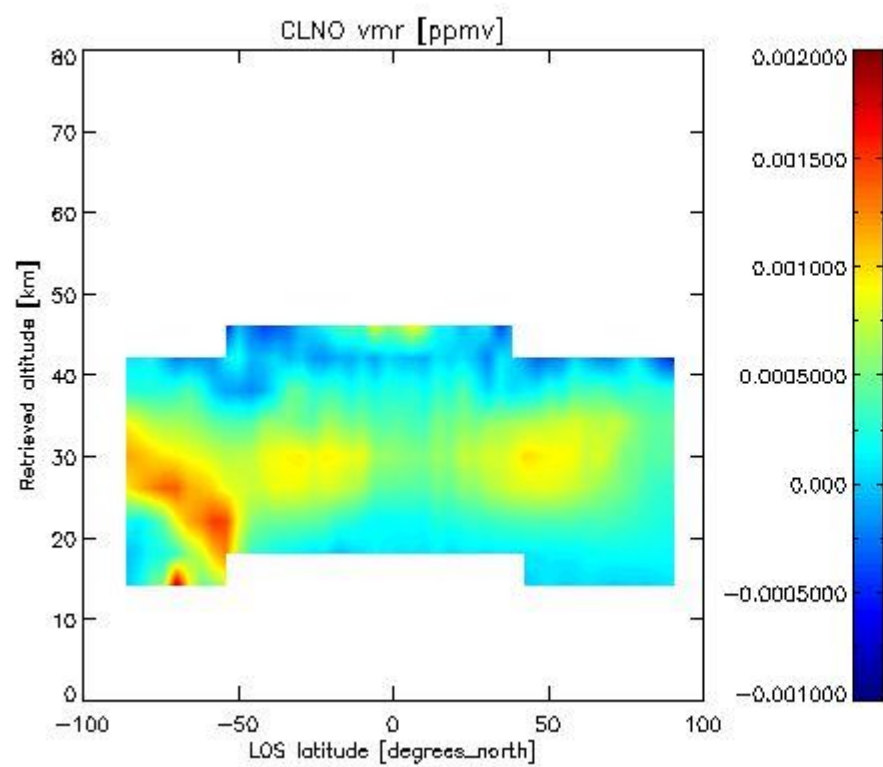
2.2.4.6 NO<sub>2</sub> overview This section shows values (left) and error (right) for NO<sub>2</sub> after binning individual sweep values over retrieved altitude and Sun Elevation Angle. Note that for NO<sub>2</sub> the bin heights are 8 km.

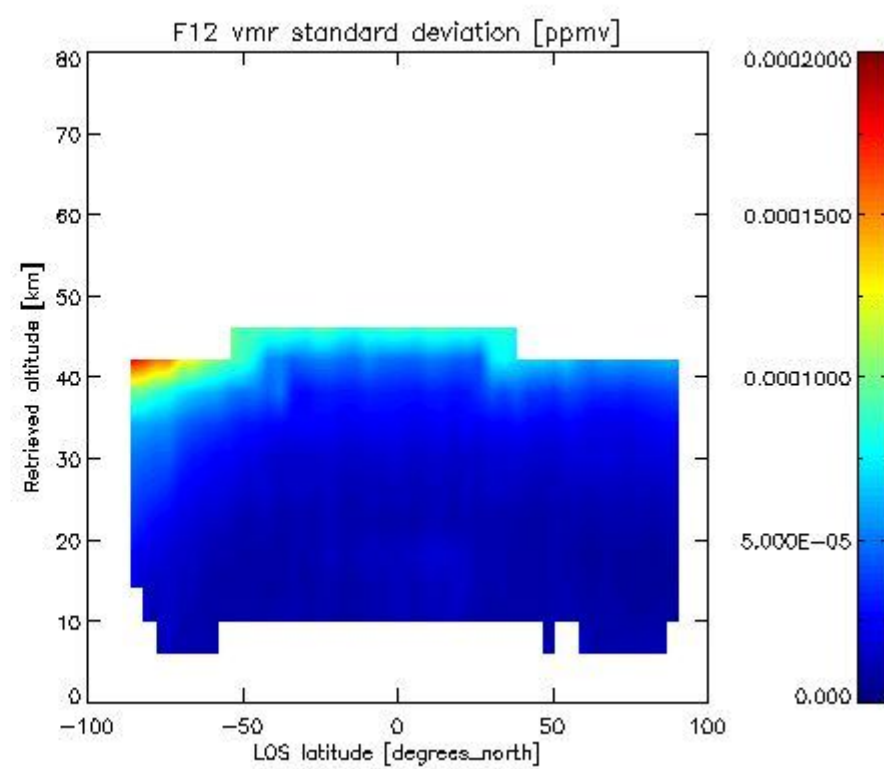
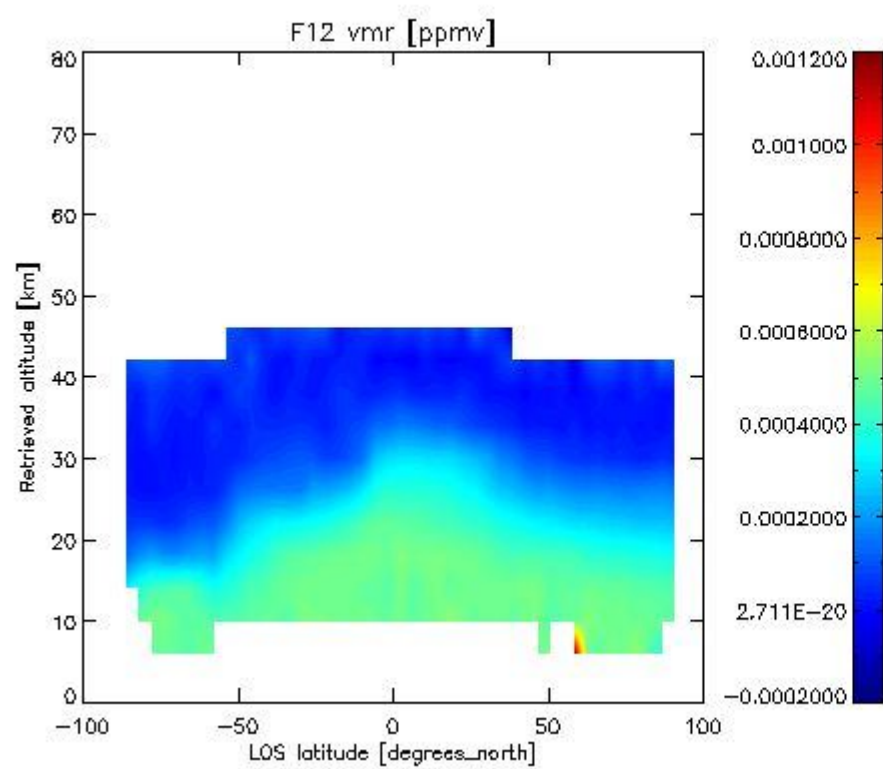
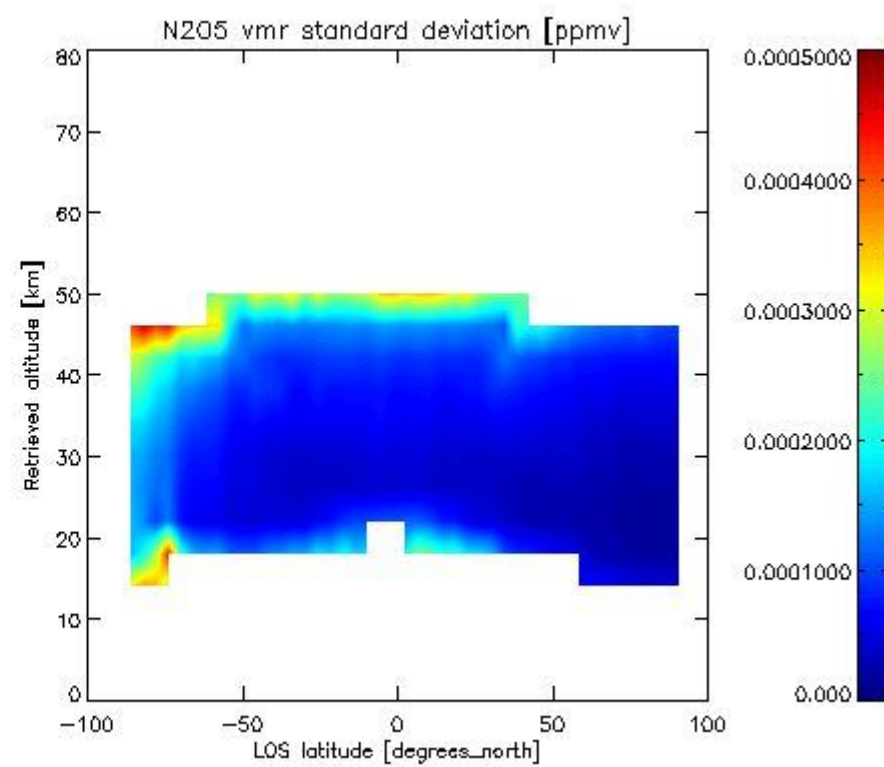
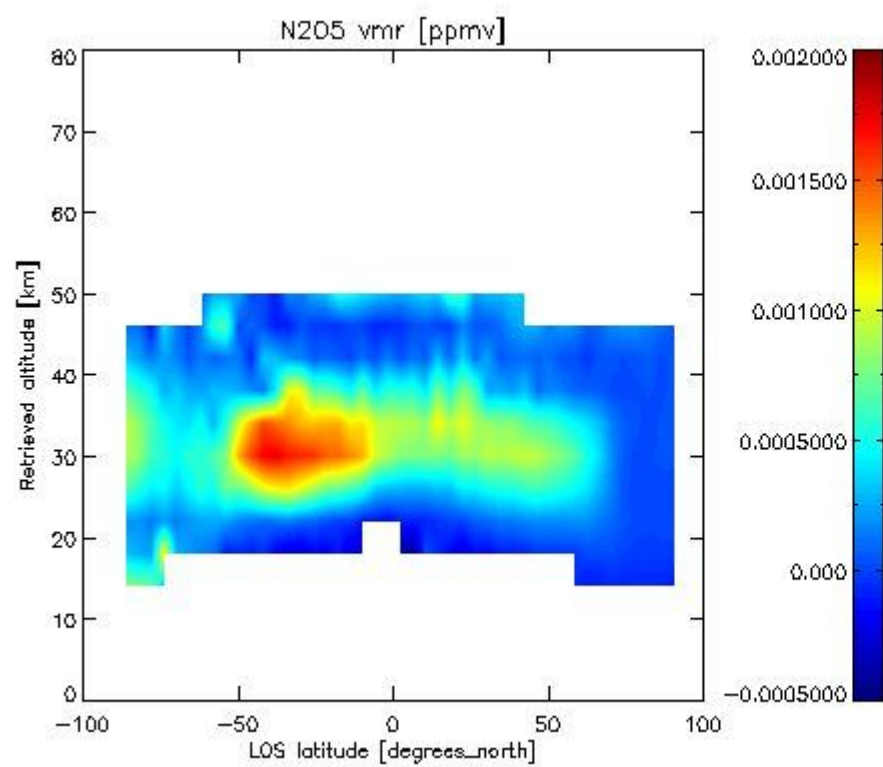


2.2.4.7 F11 overview This section shows values (left) and error (right) for F11 after binning individual sweep values over retrieved altitude and tangent latitude.

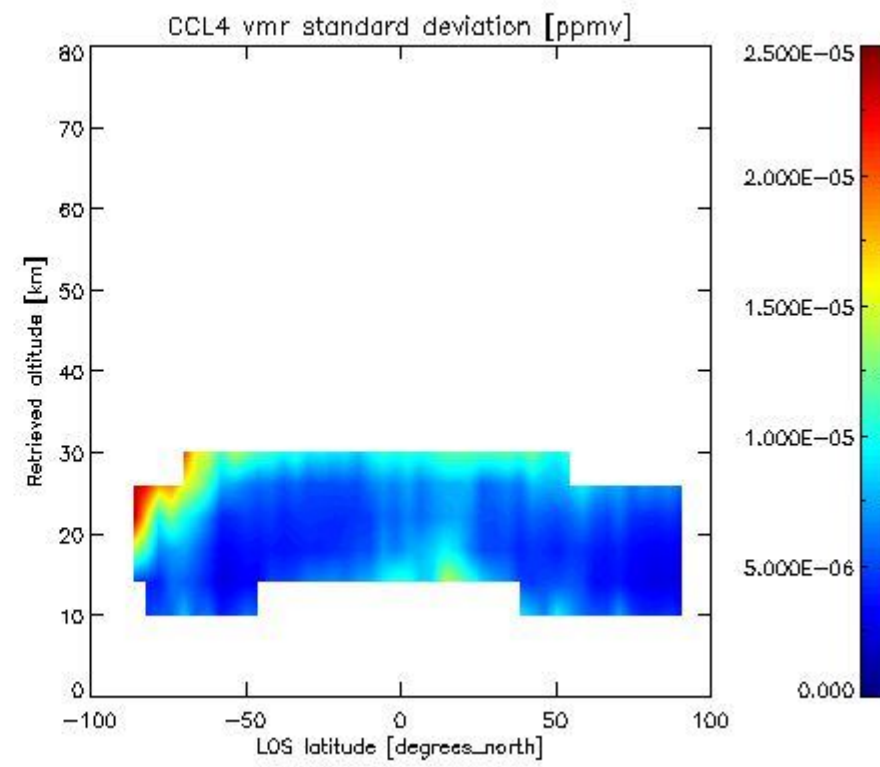
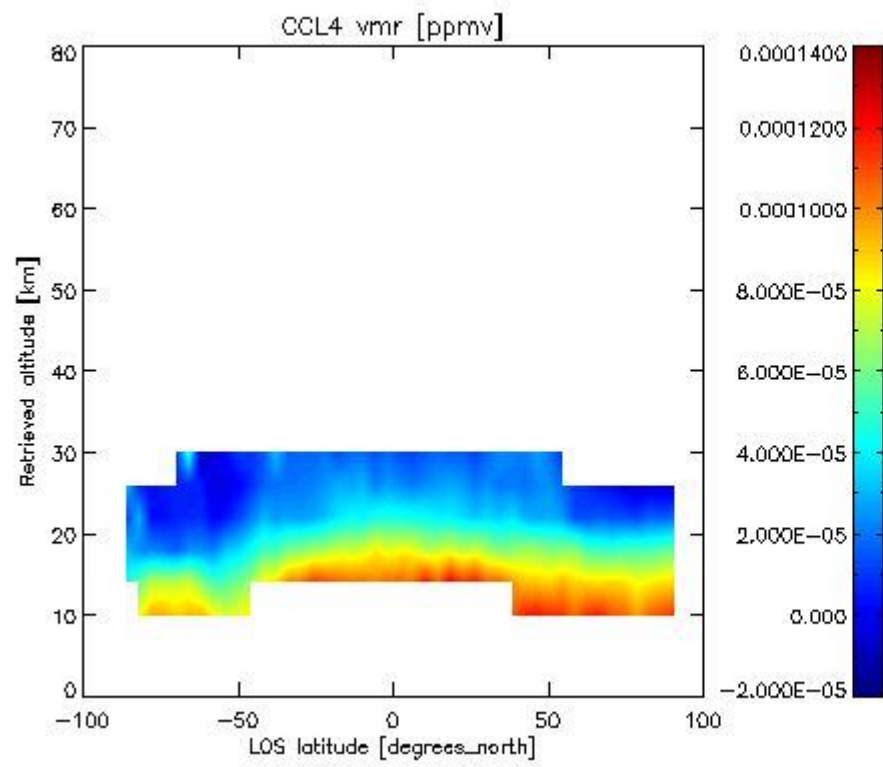
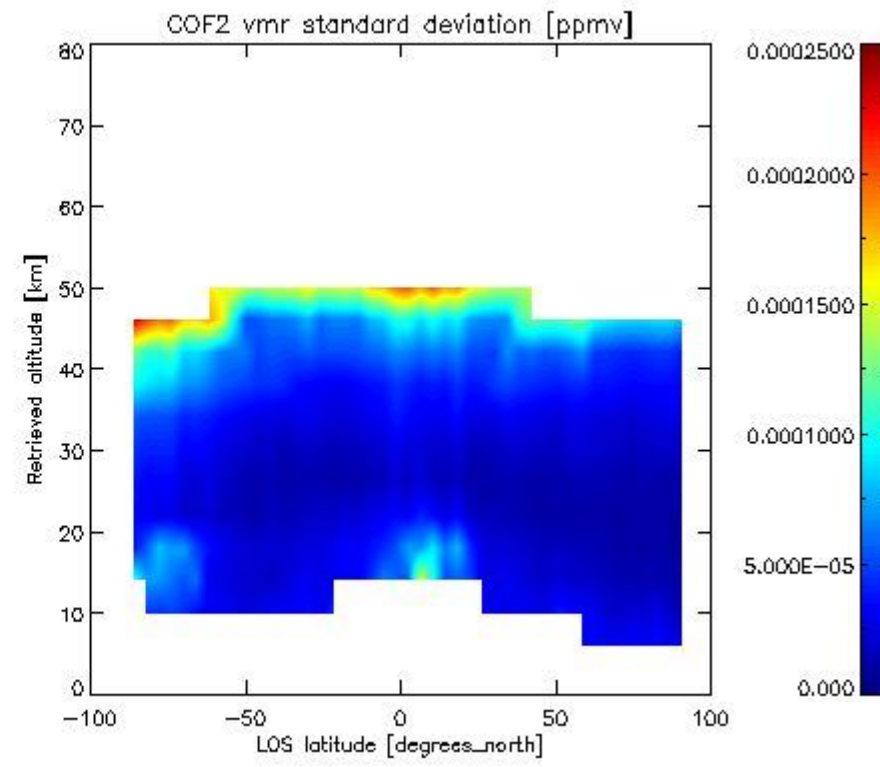
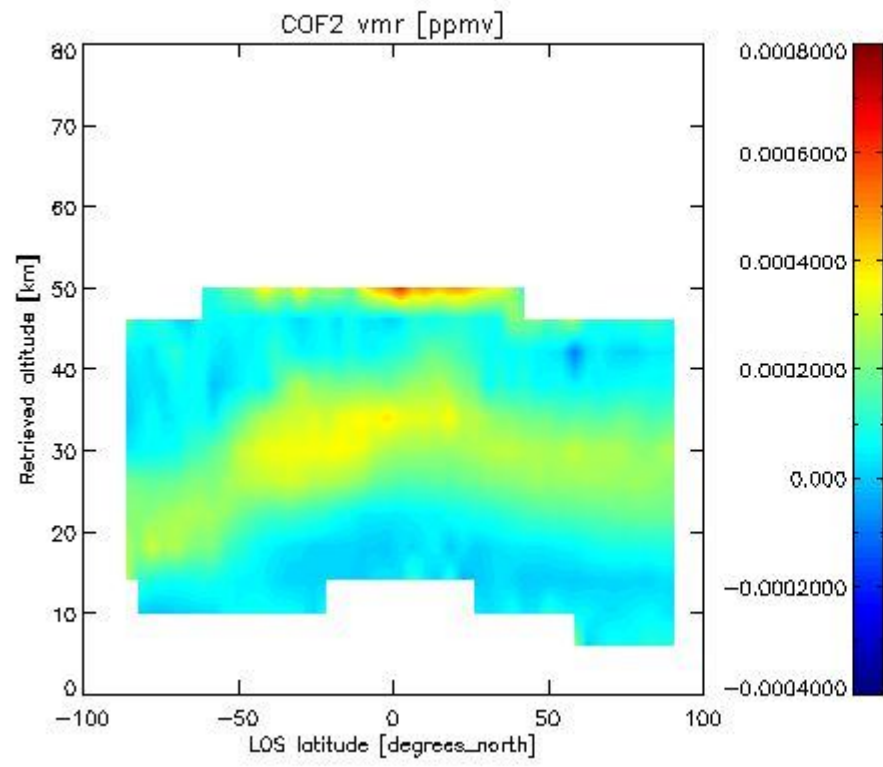


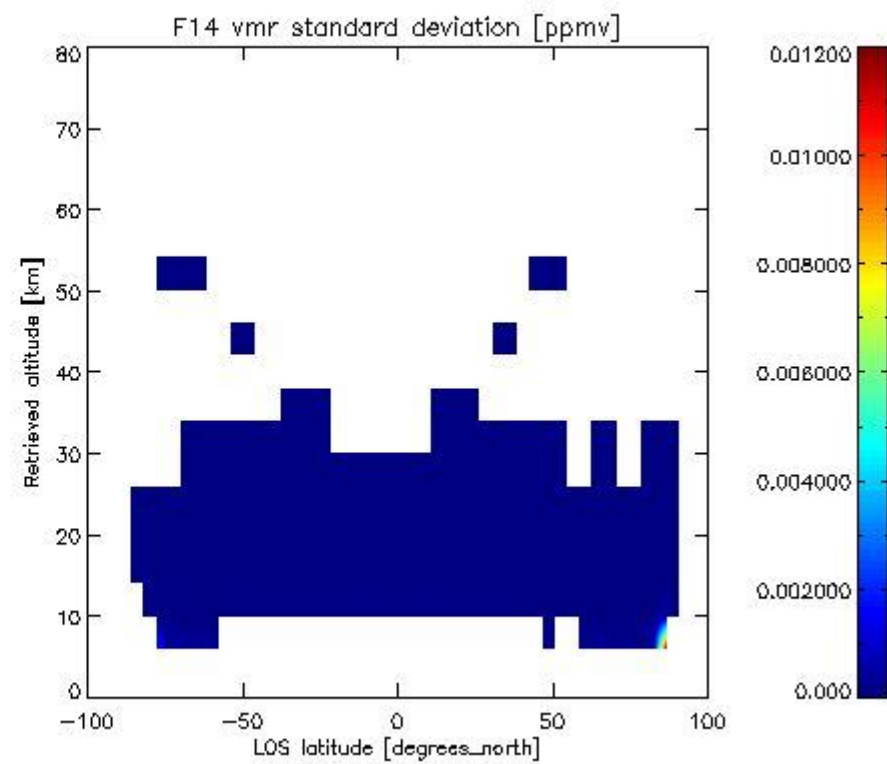
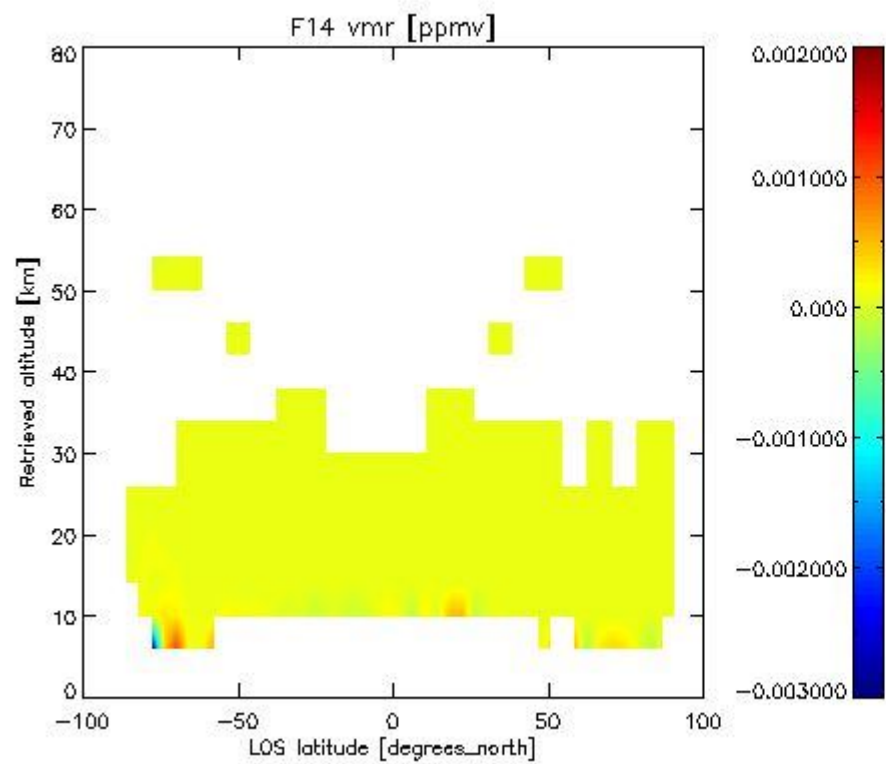
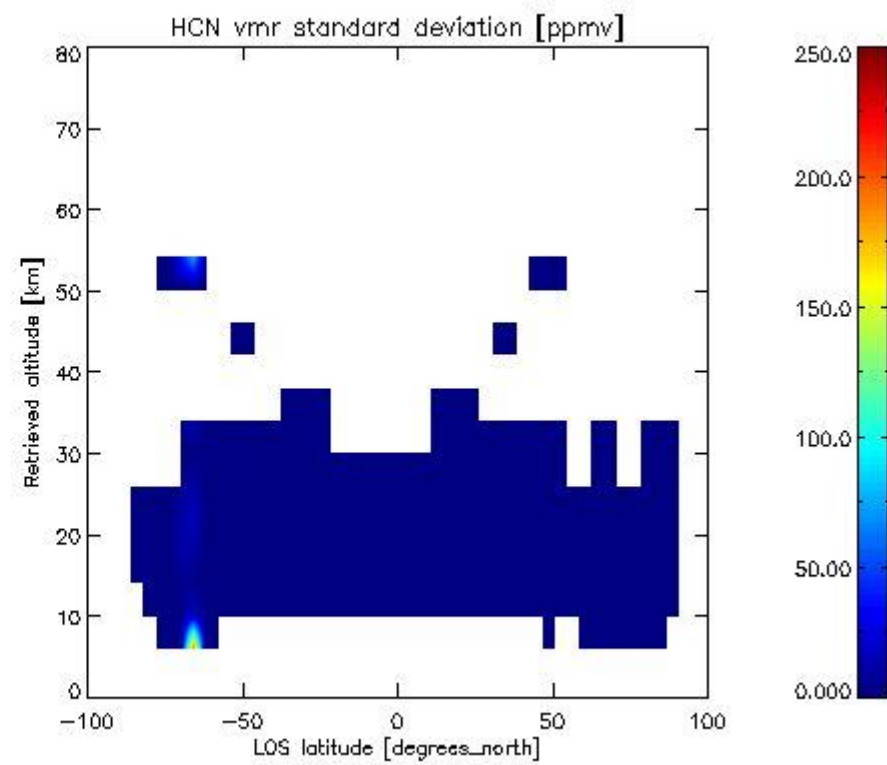
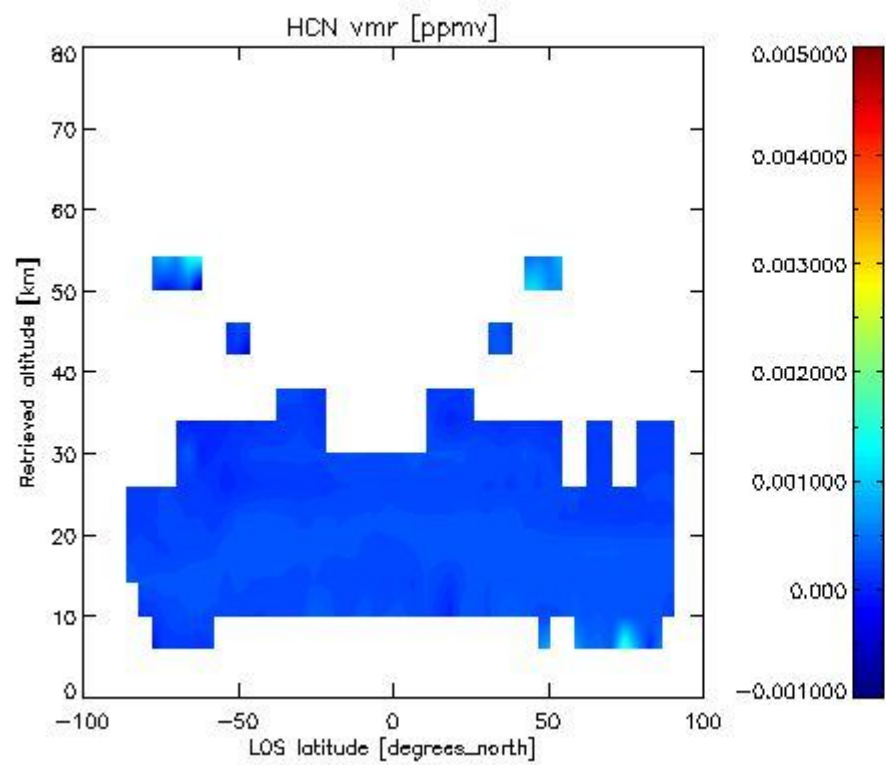
2.3.4.4 CLNO overview: This section shows values (left) and error (right) for CLNO after binning individual sweep values over retrieved altitude and target latitude.

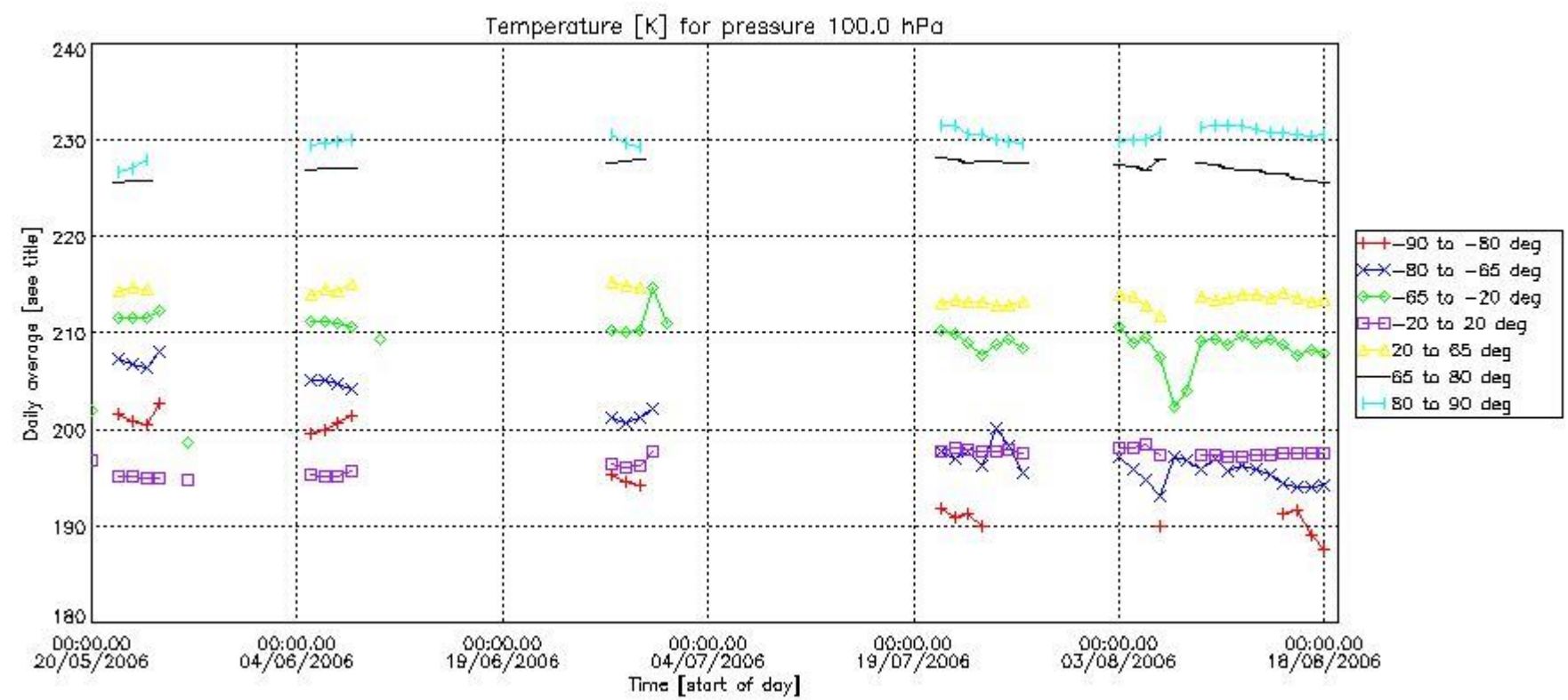
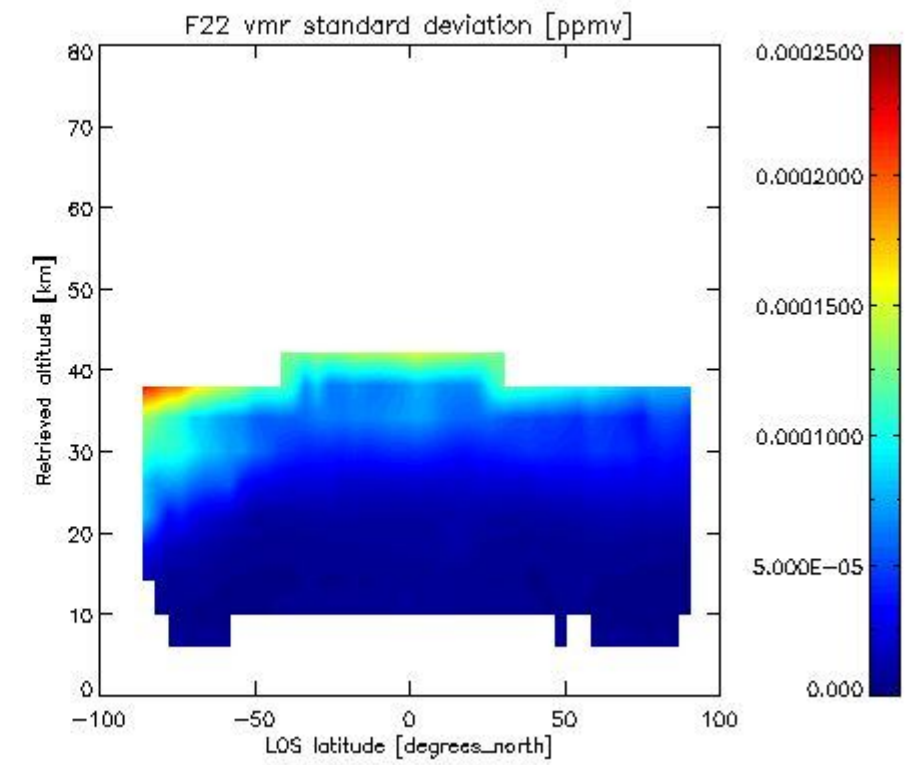
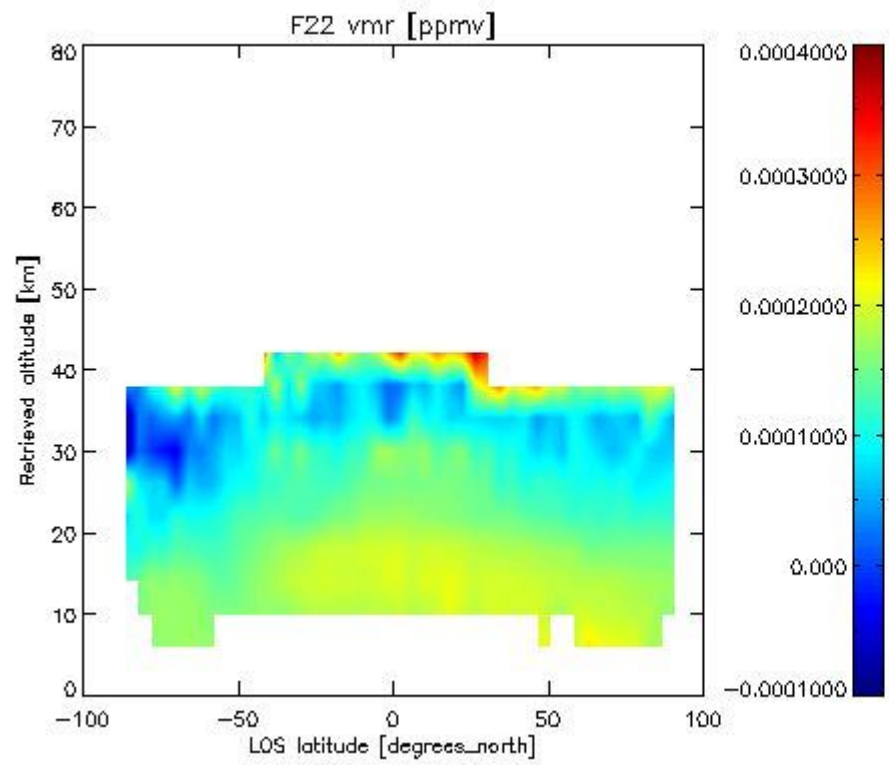


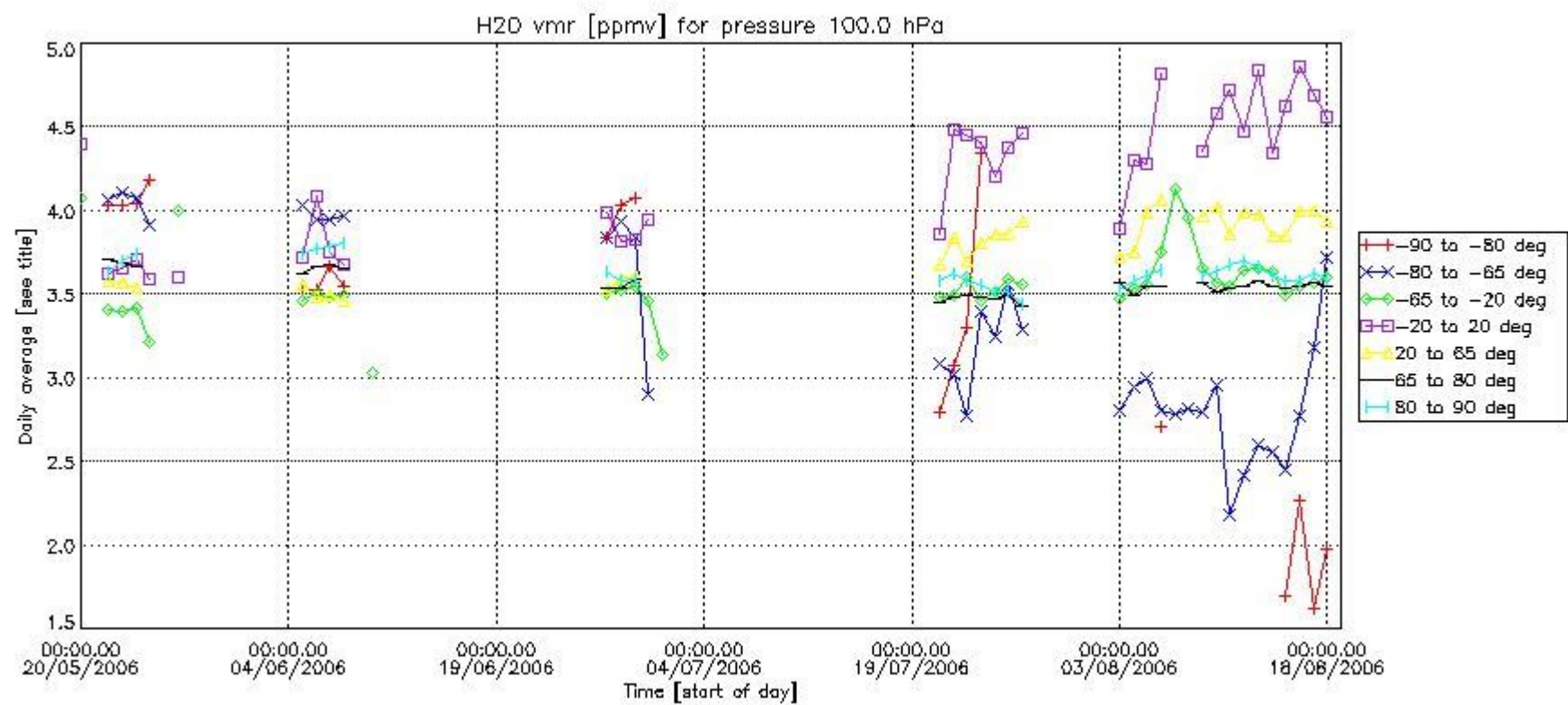
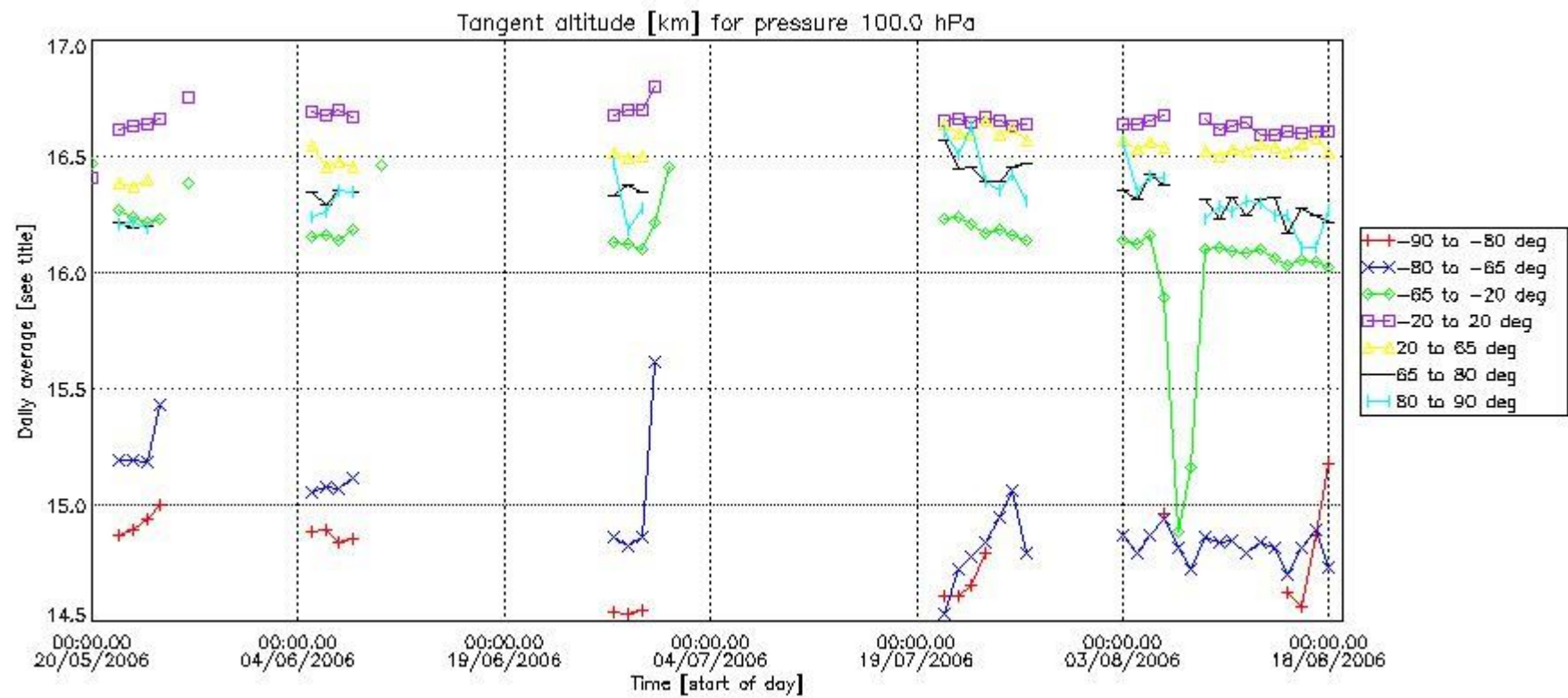


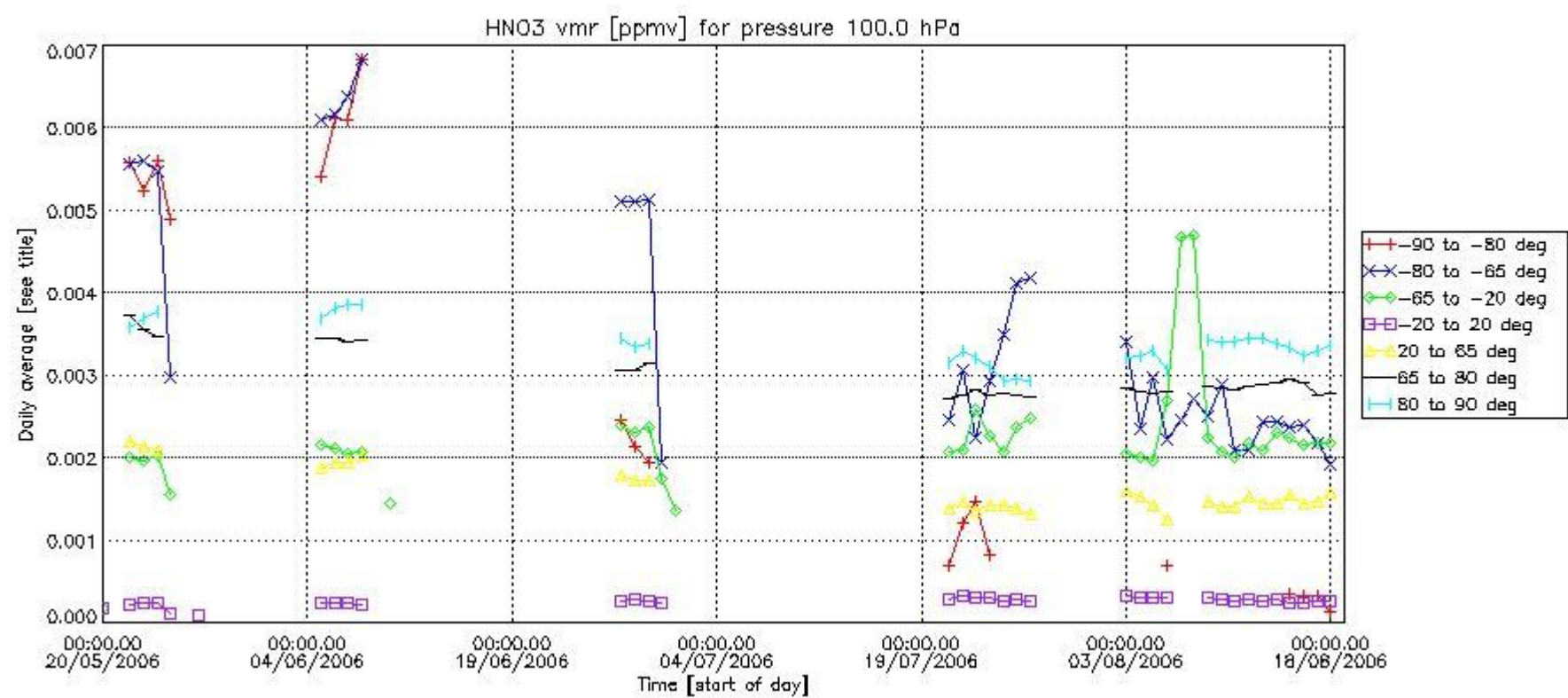
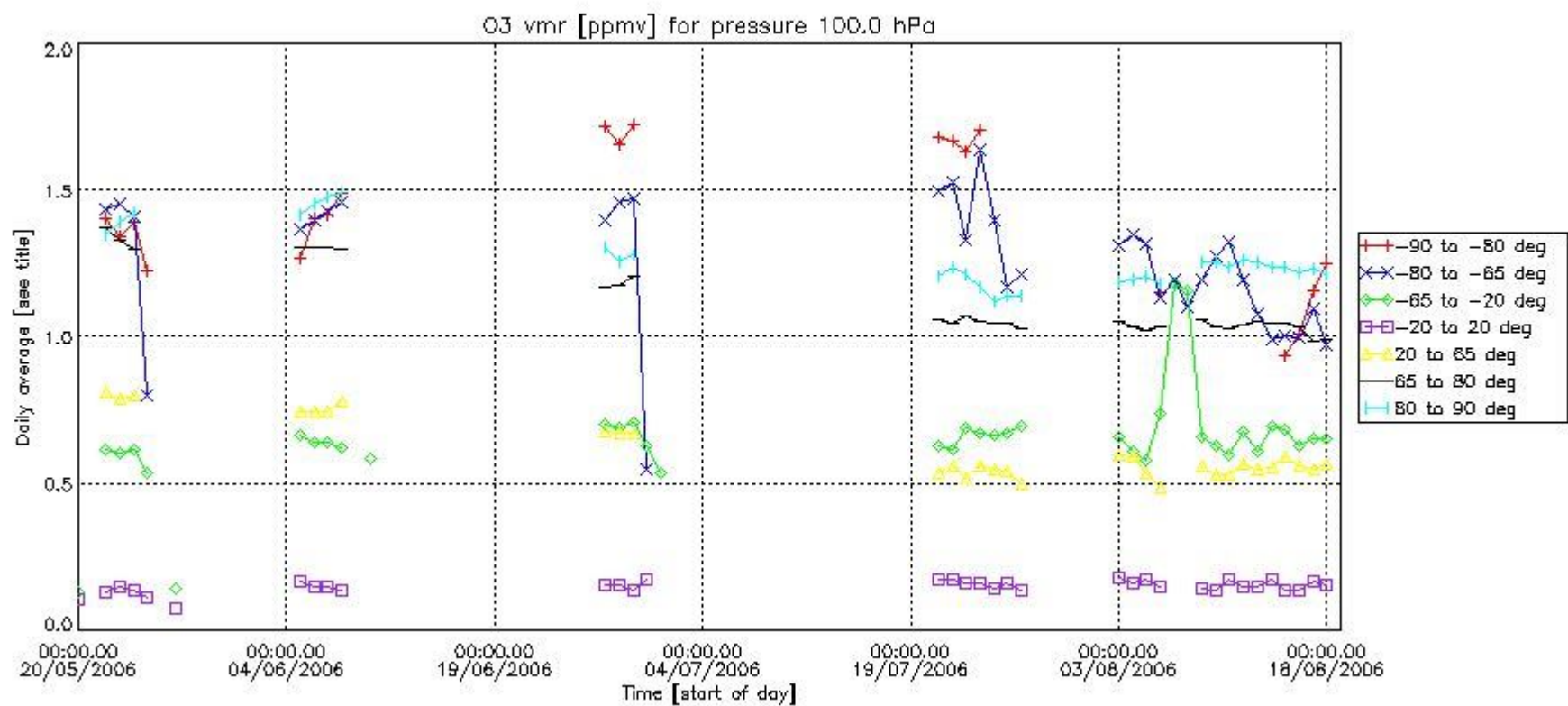


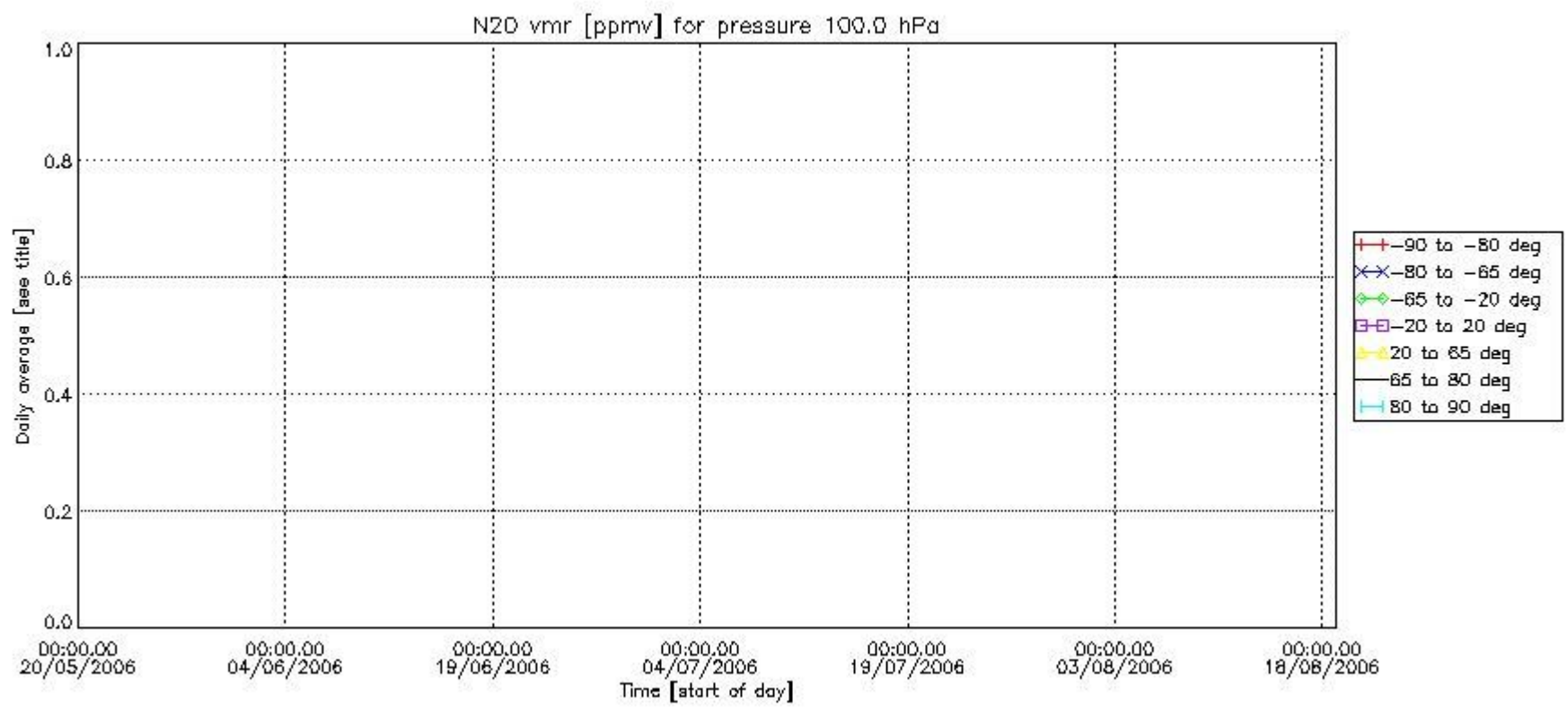
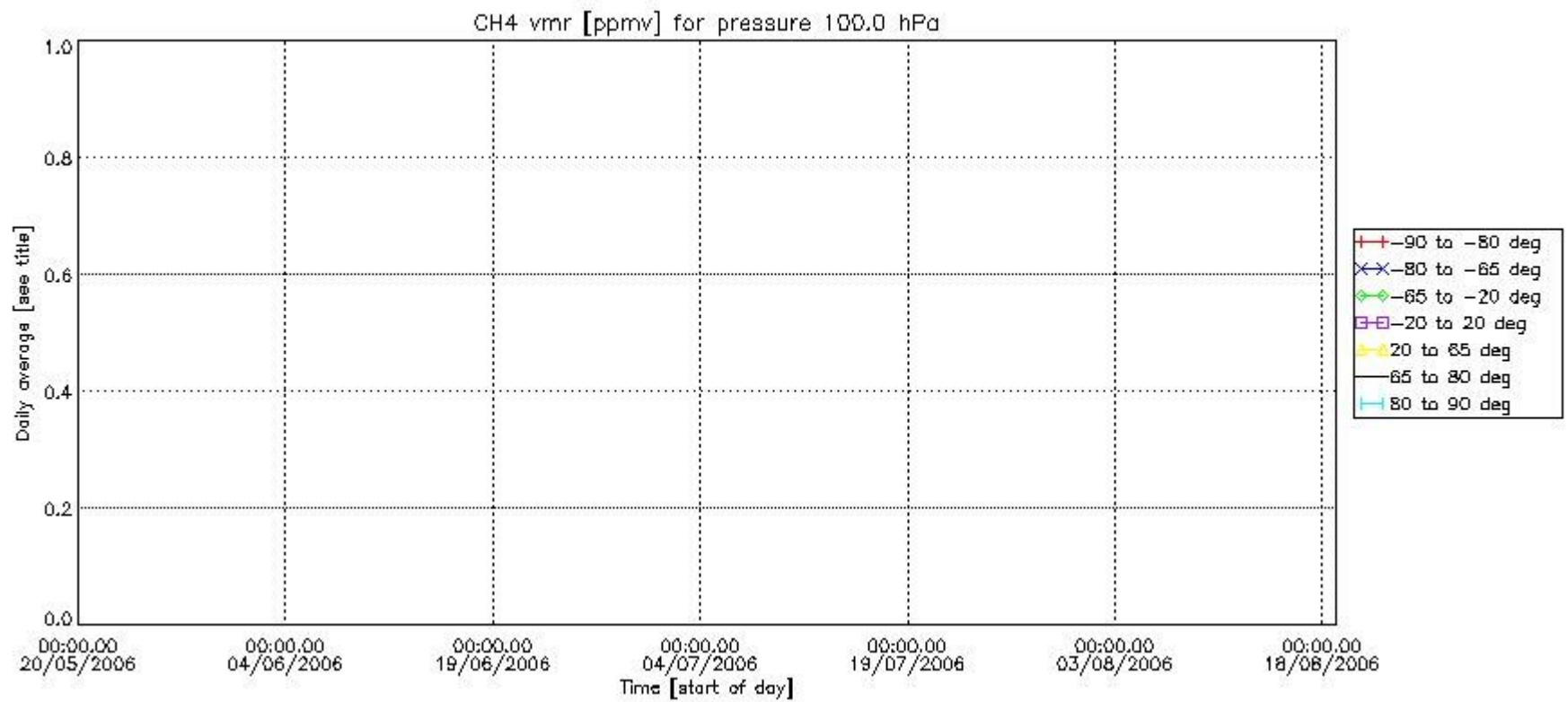


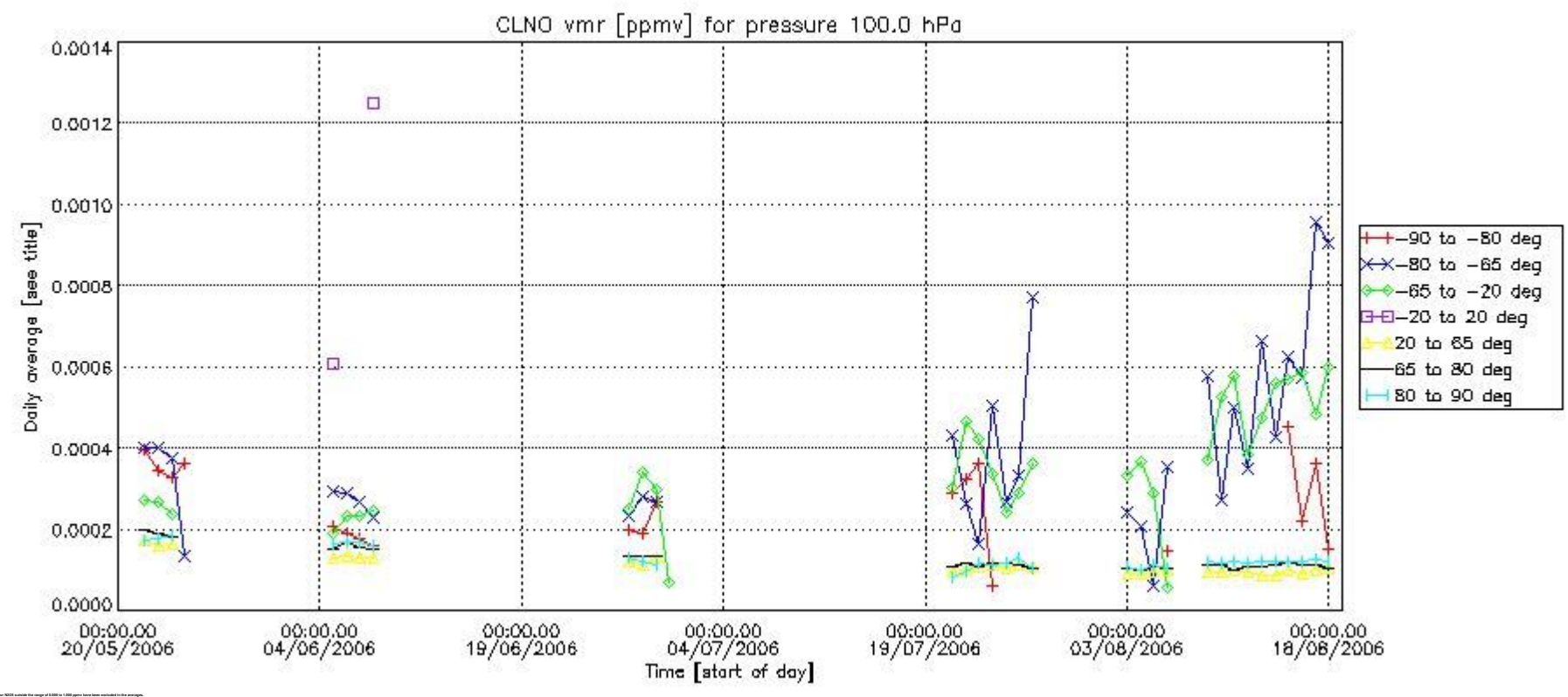
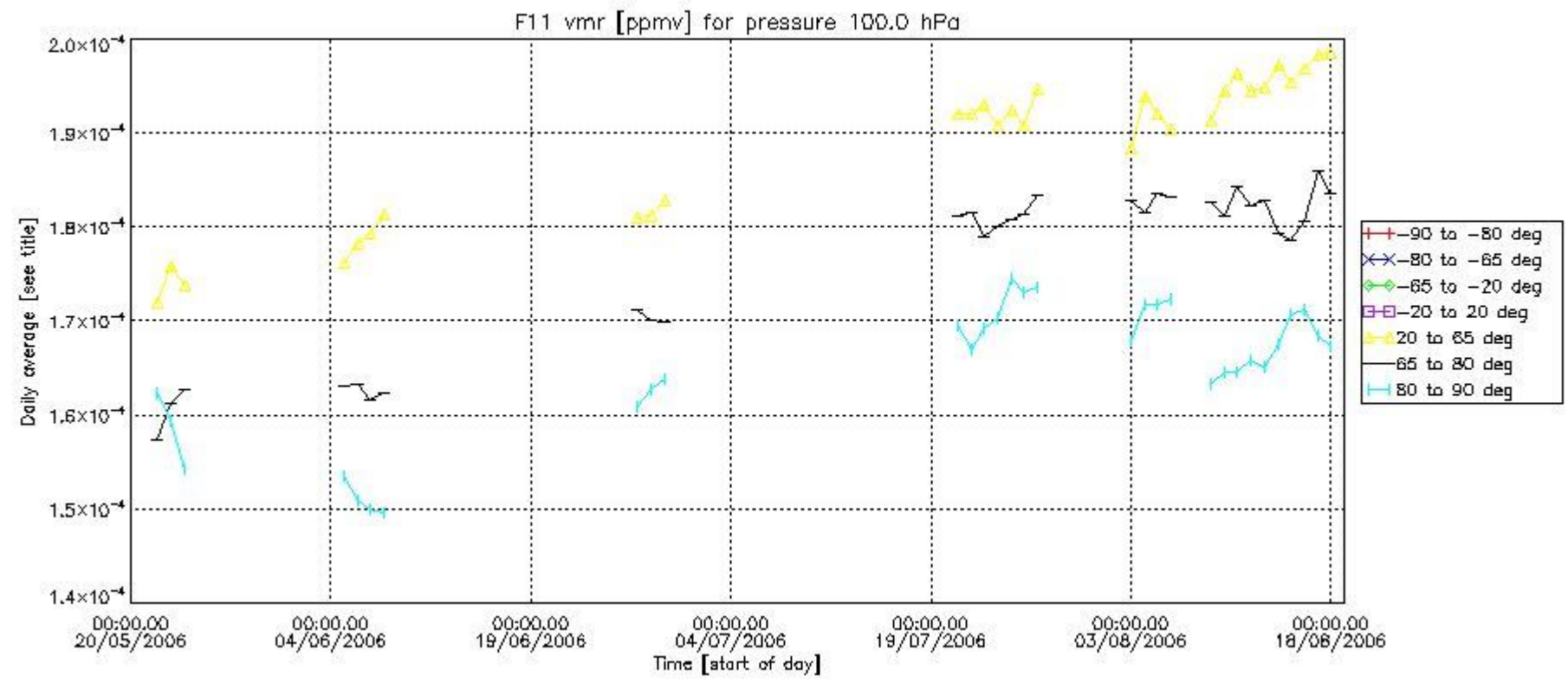


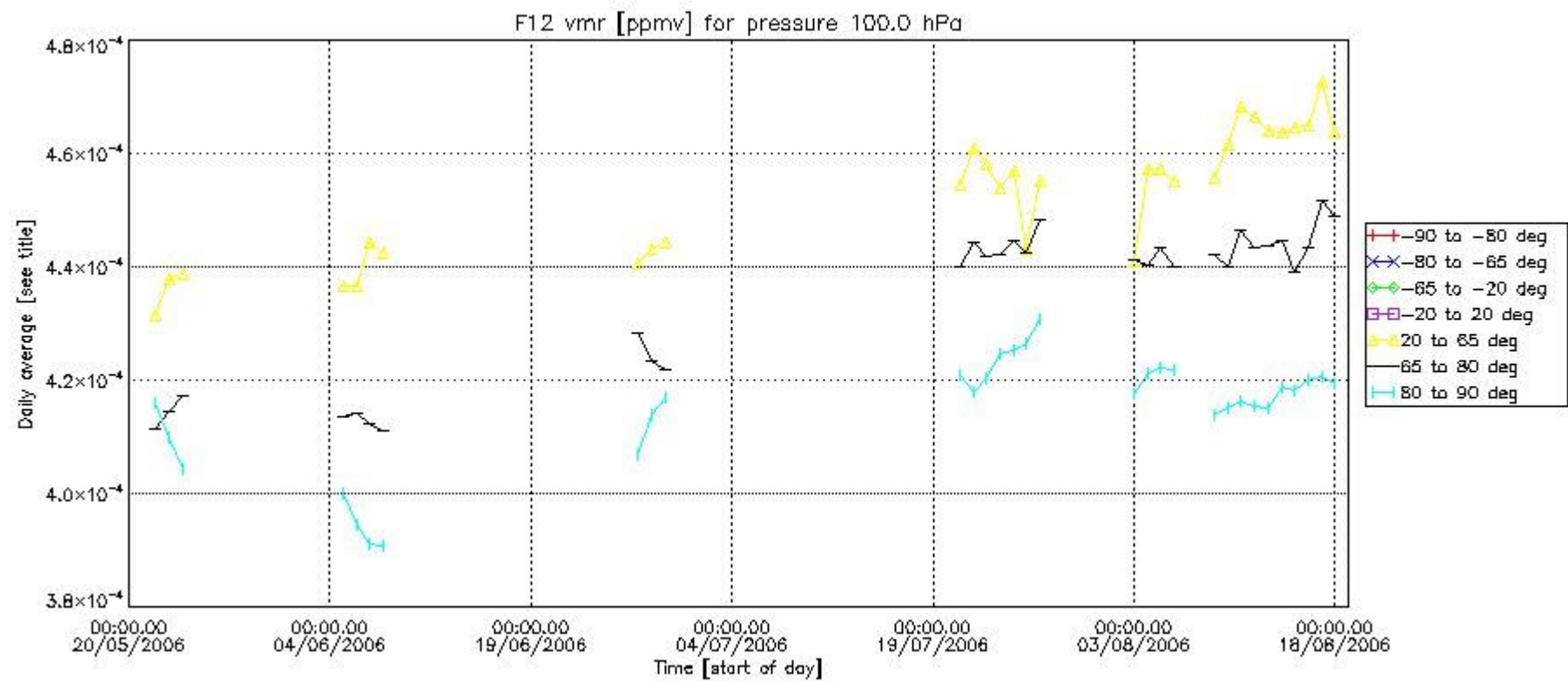
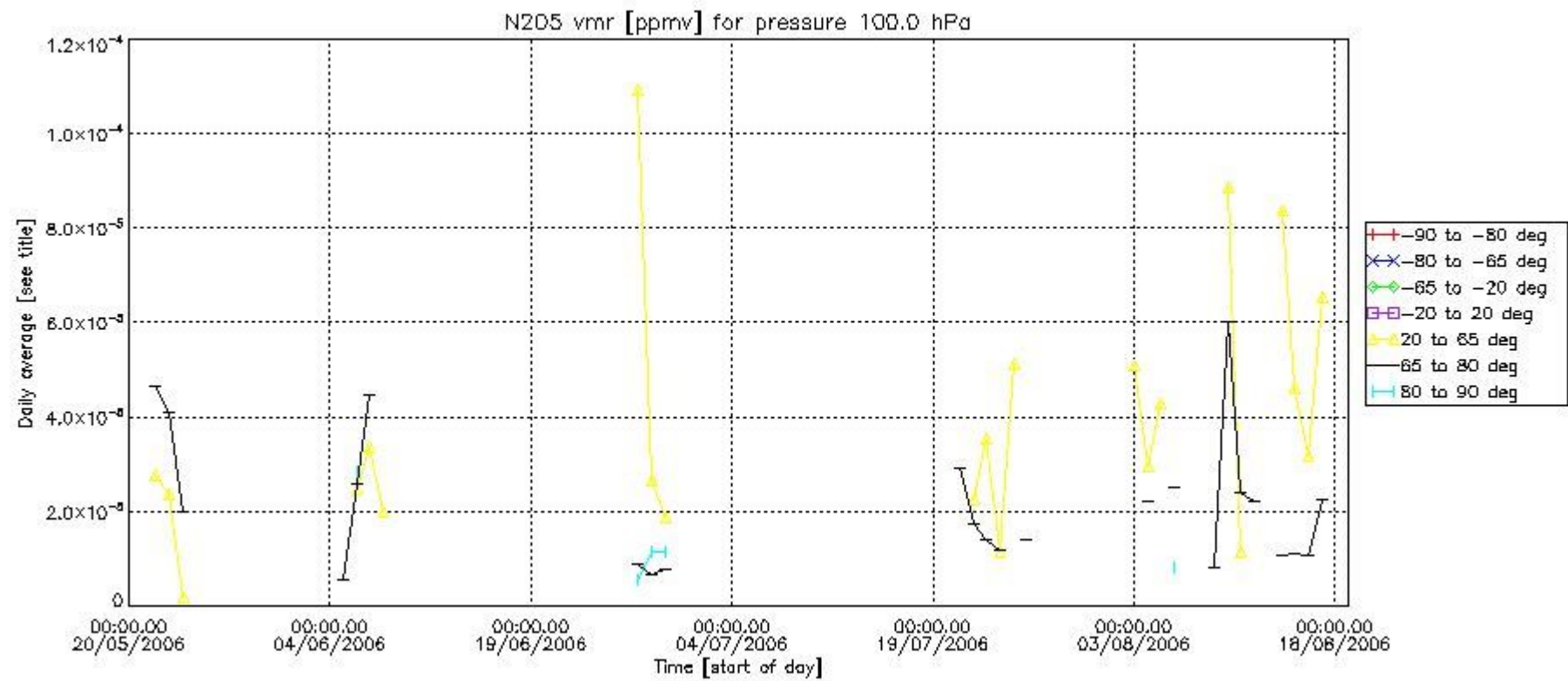




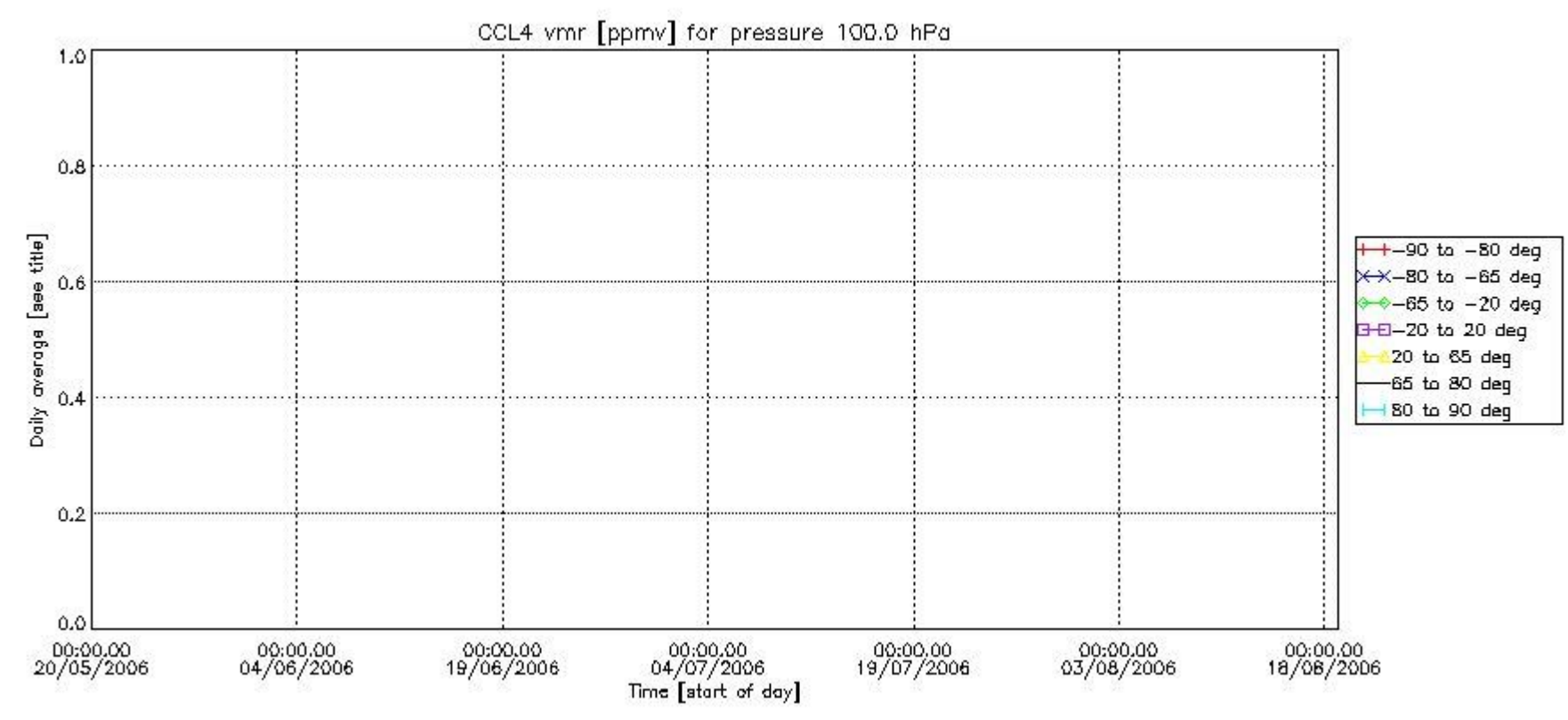
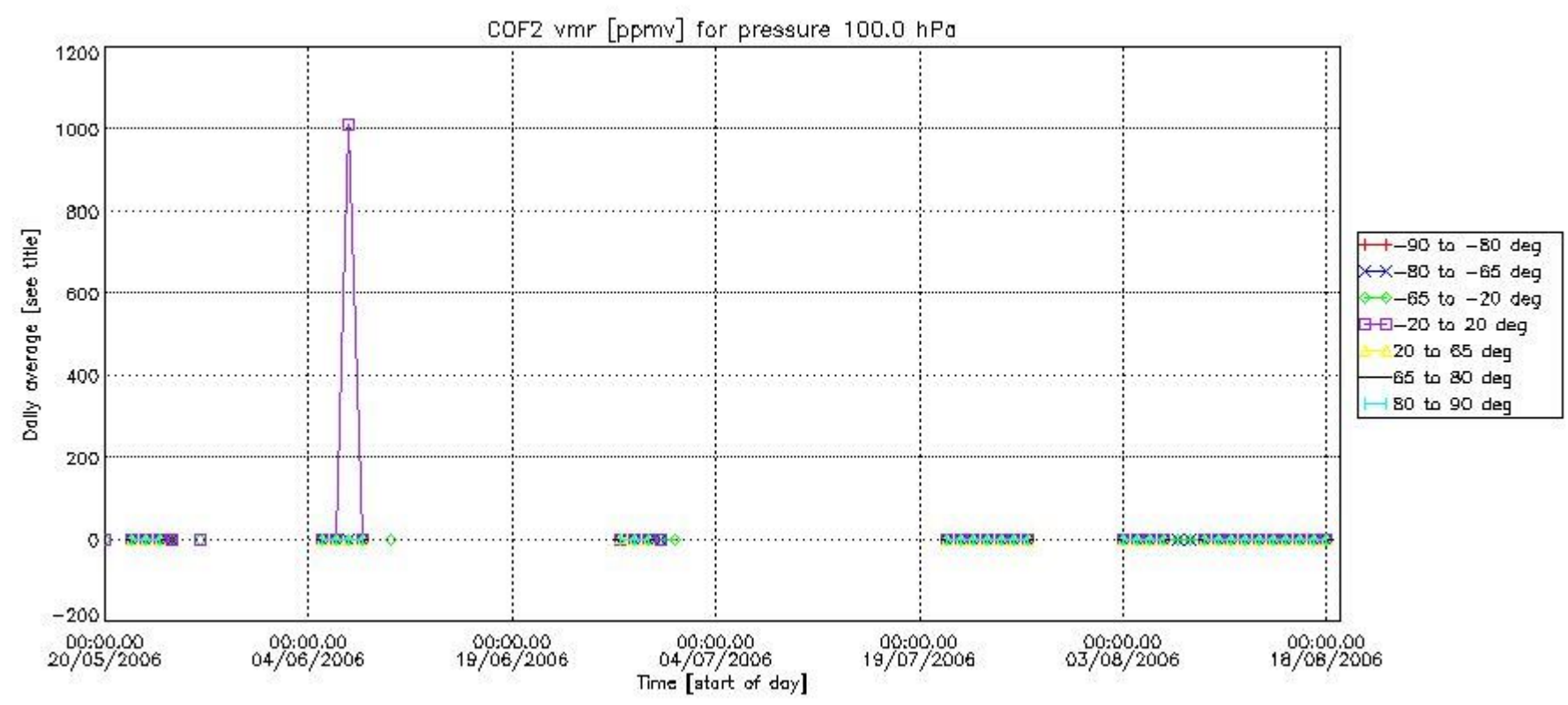


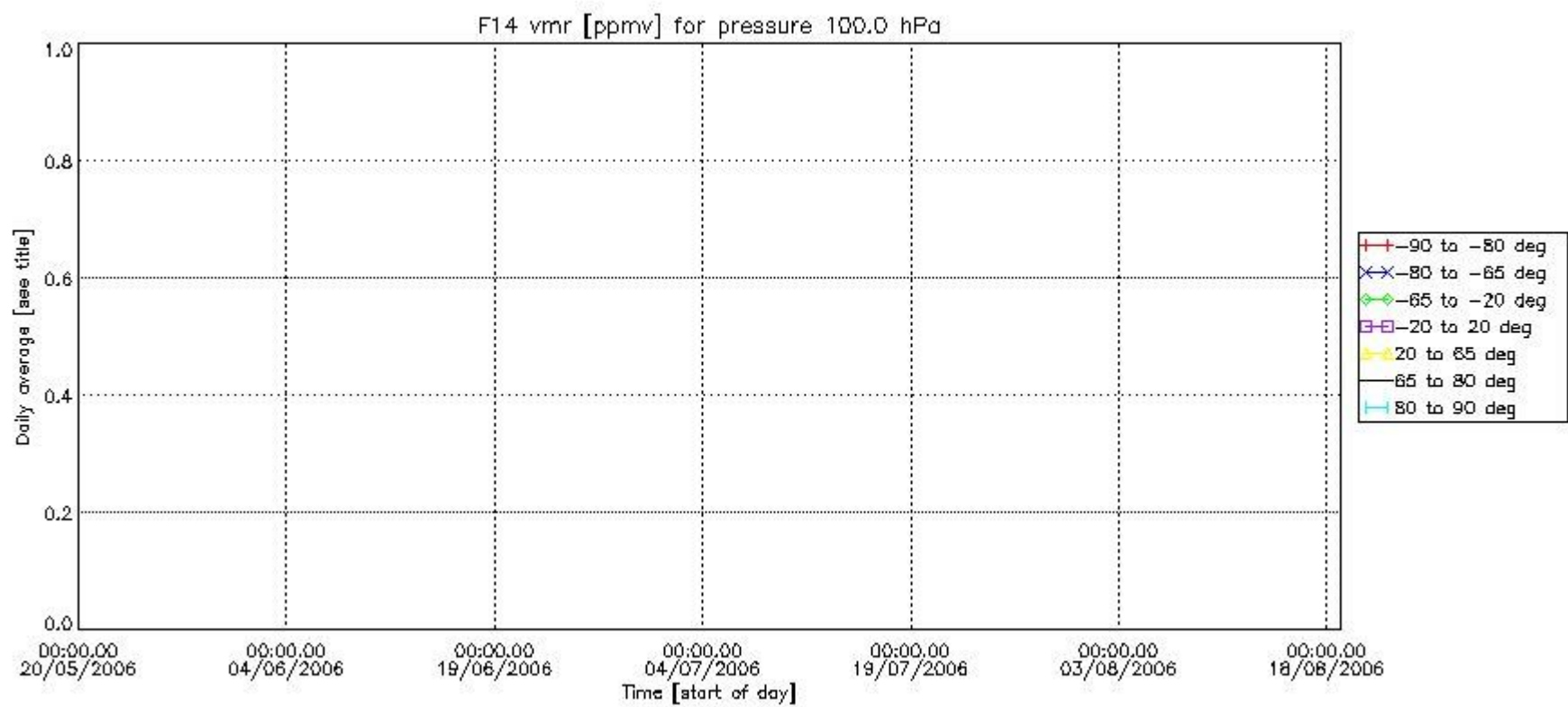
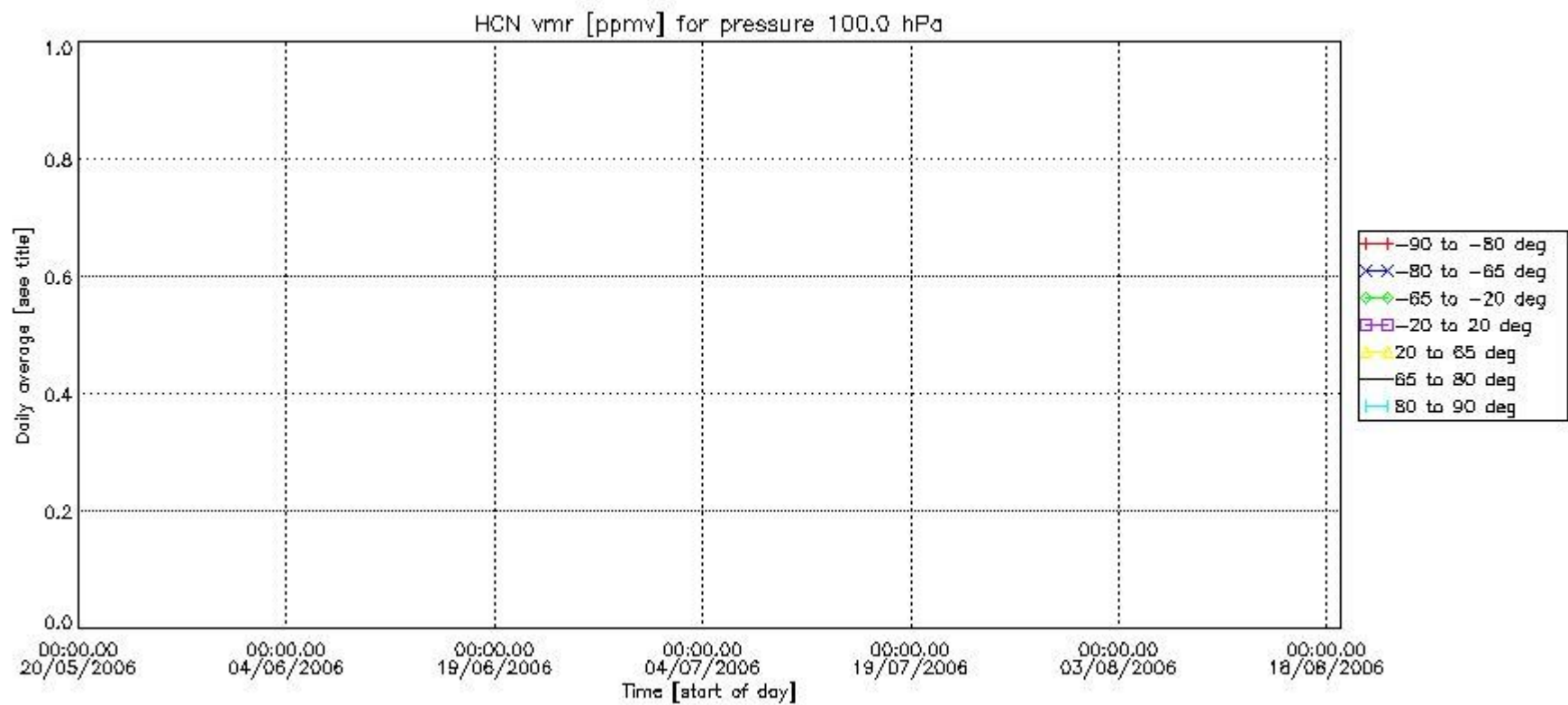


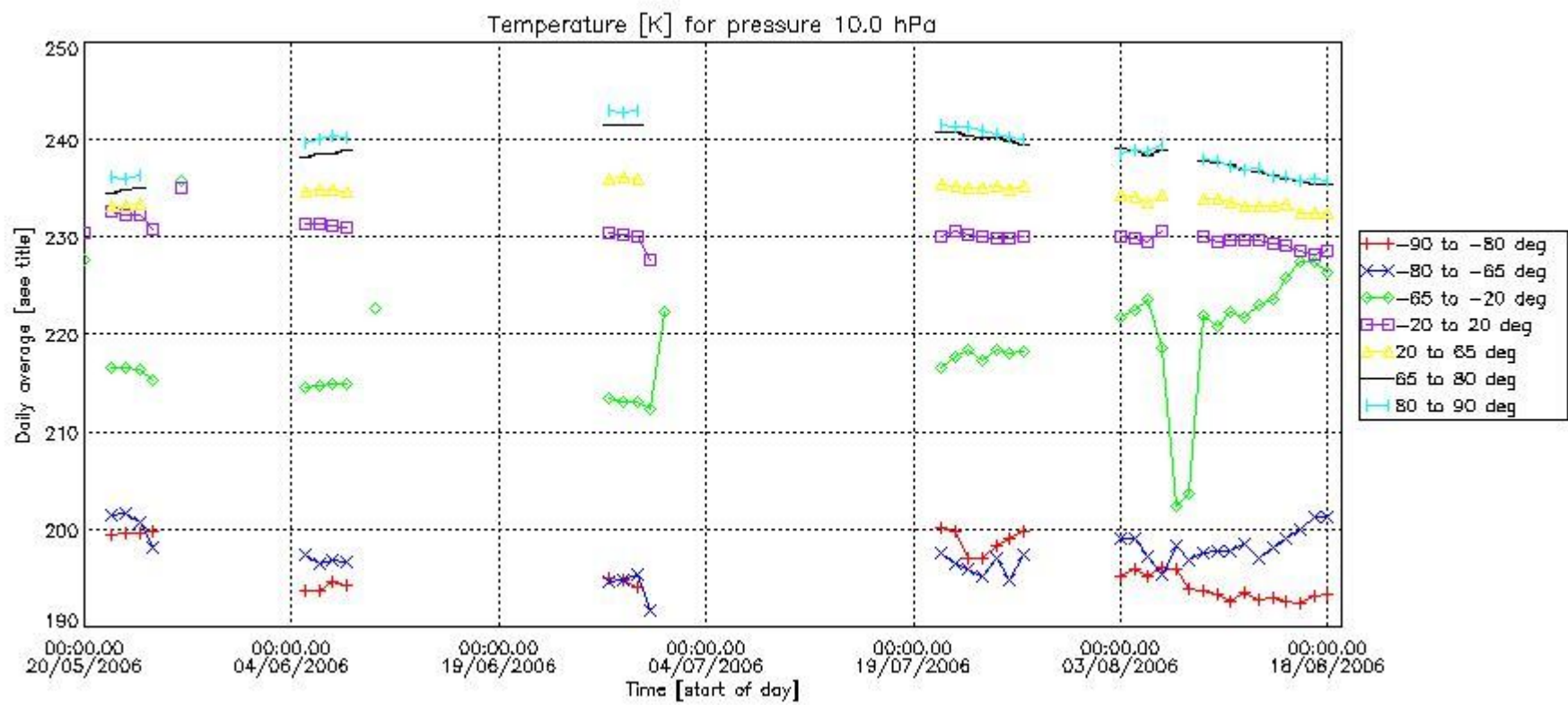
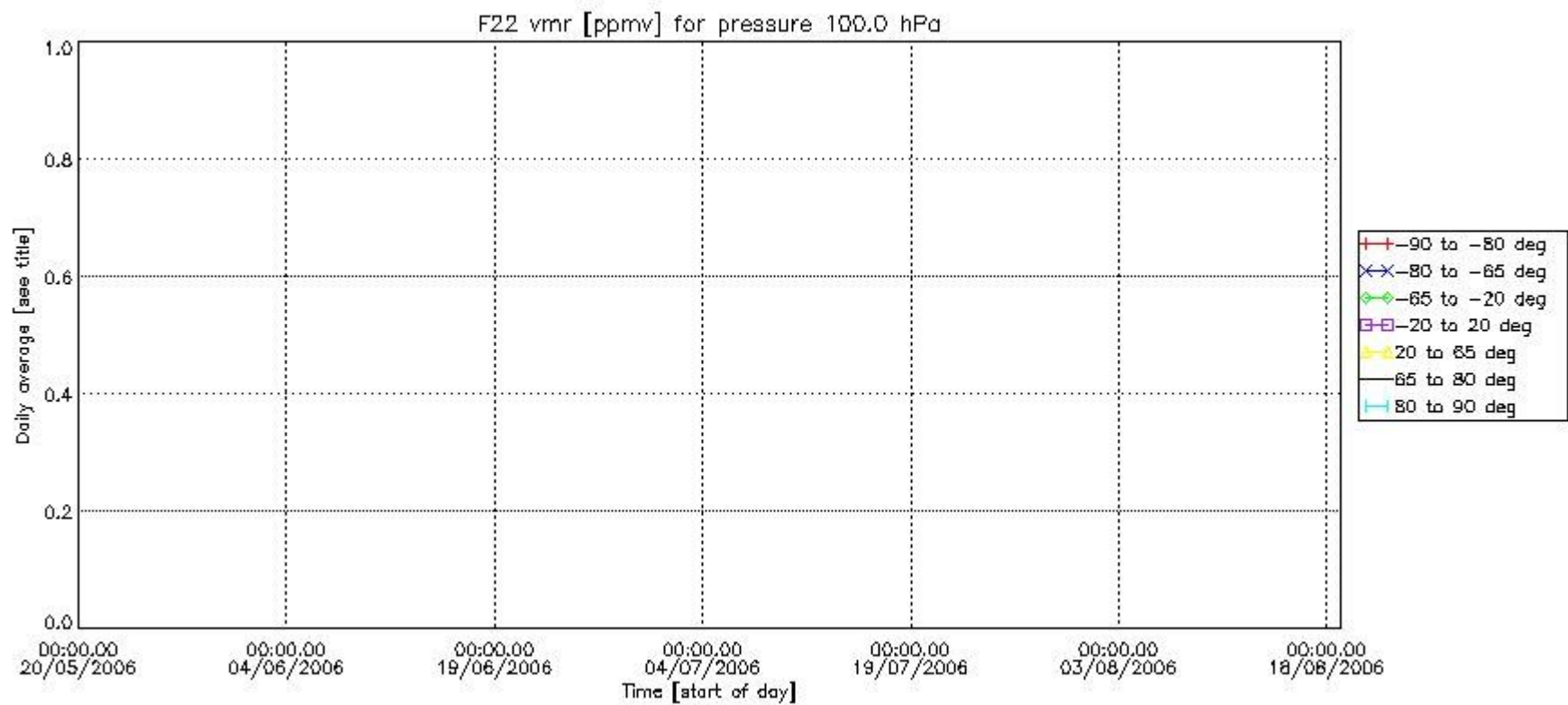


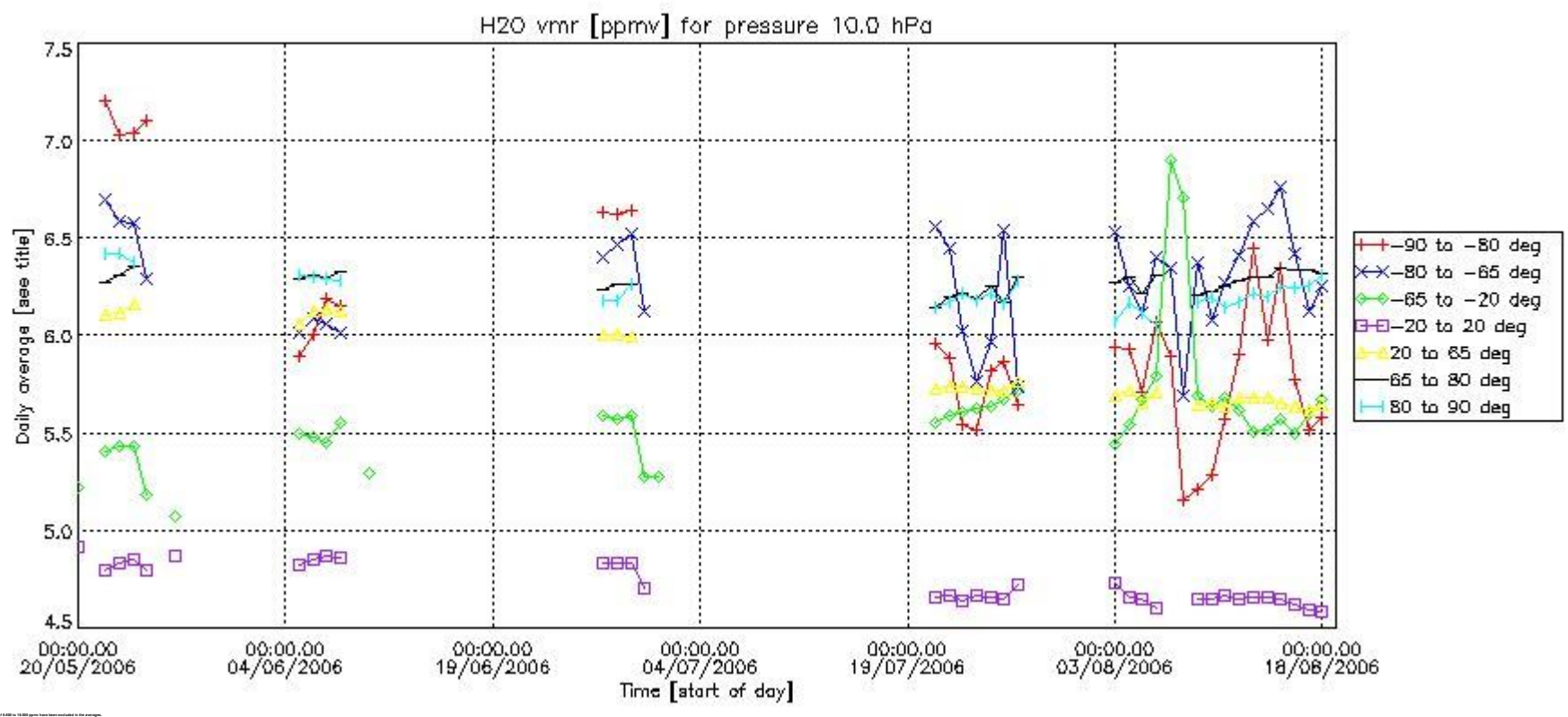
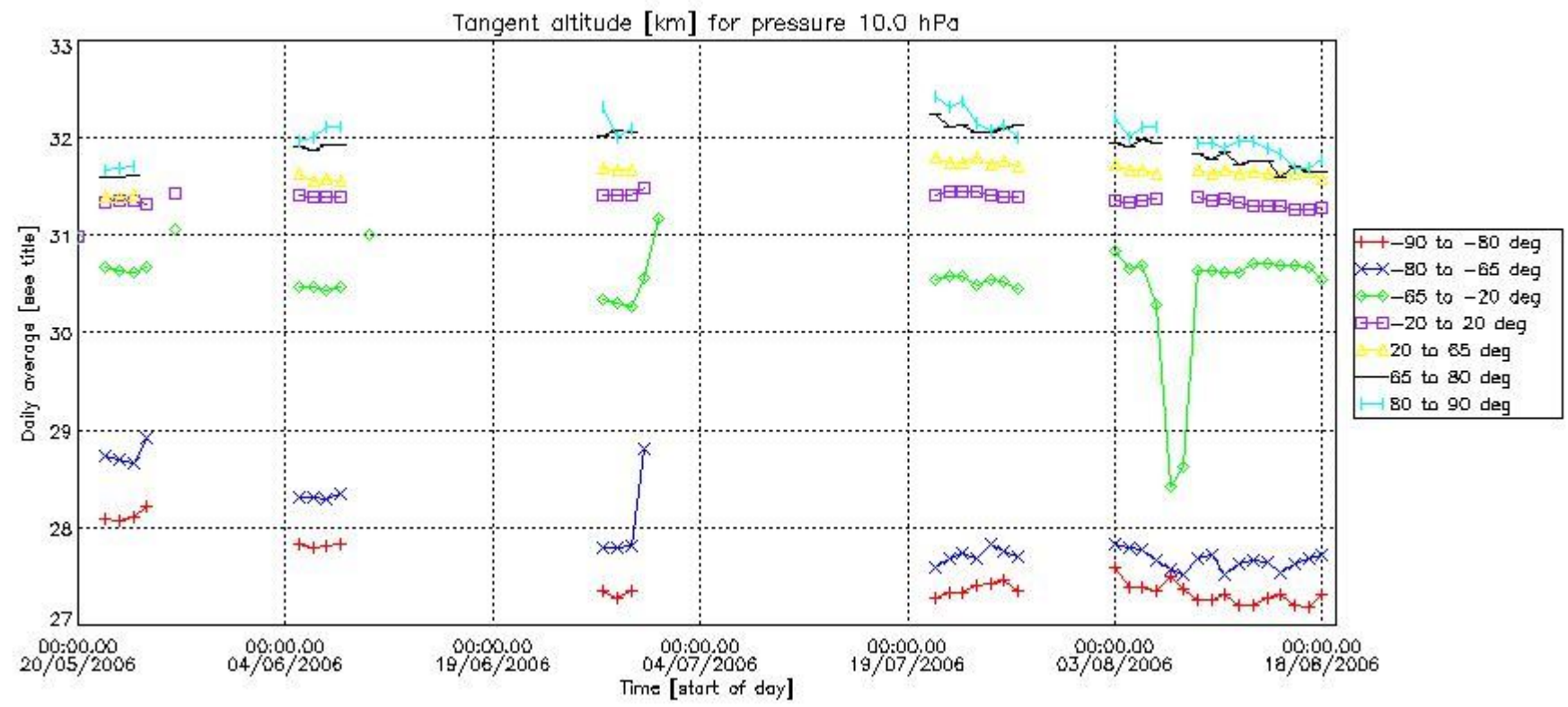


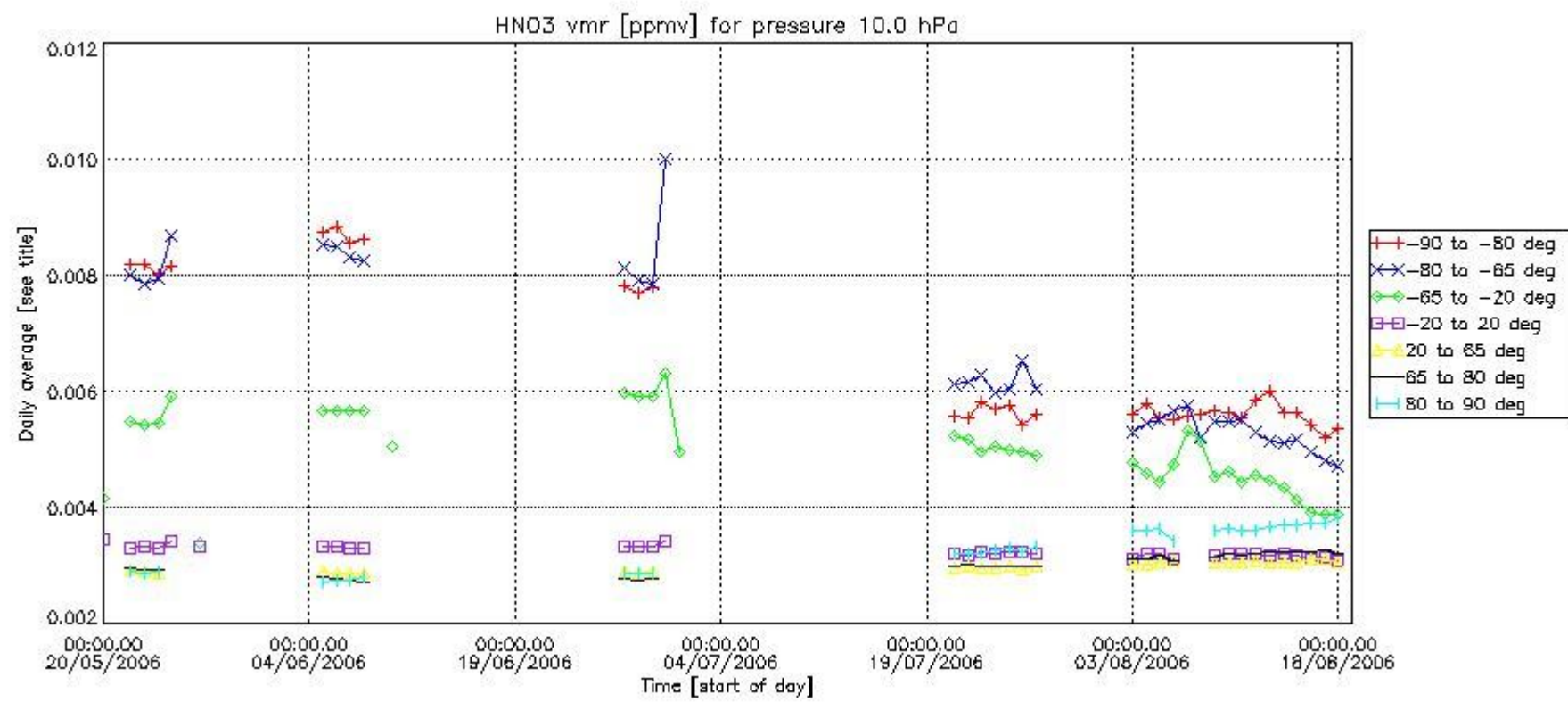
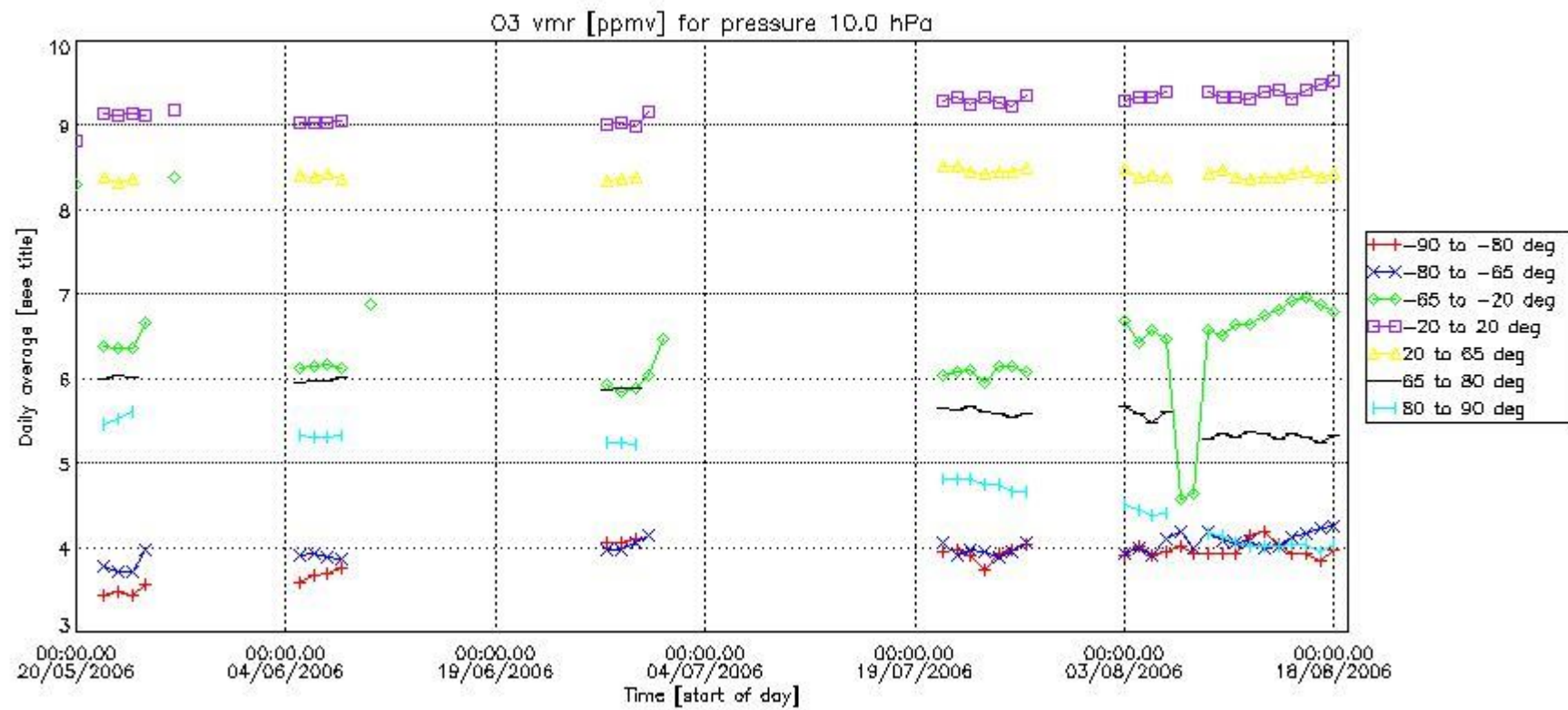


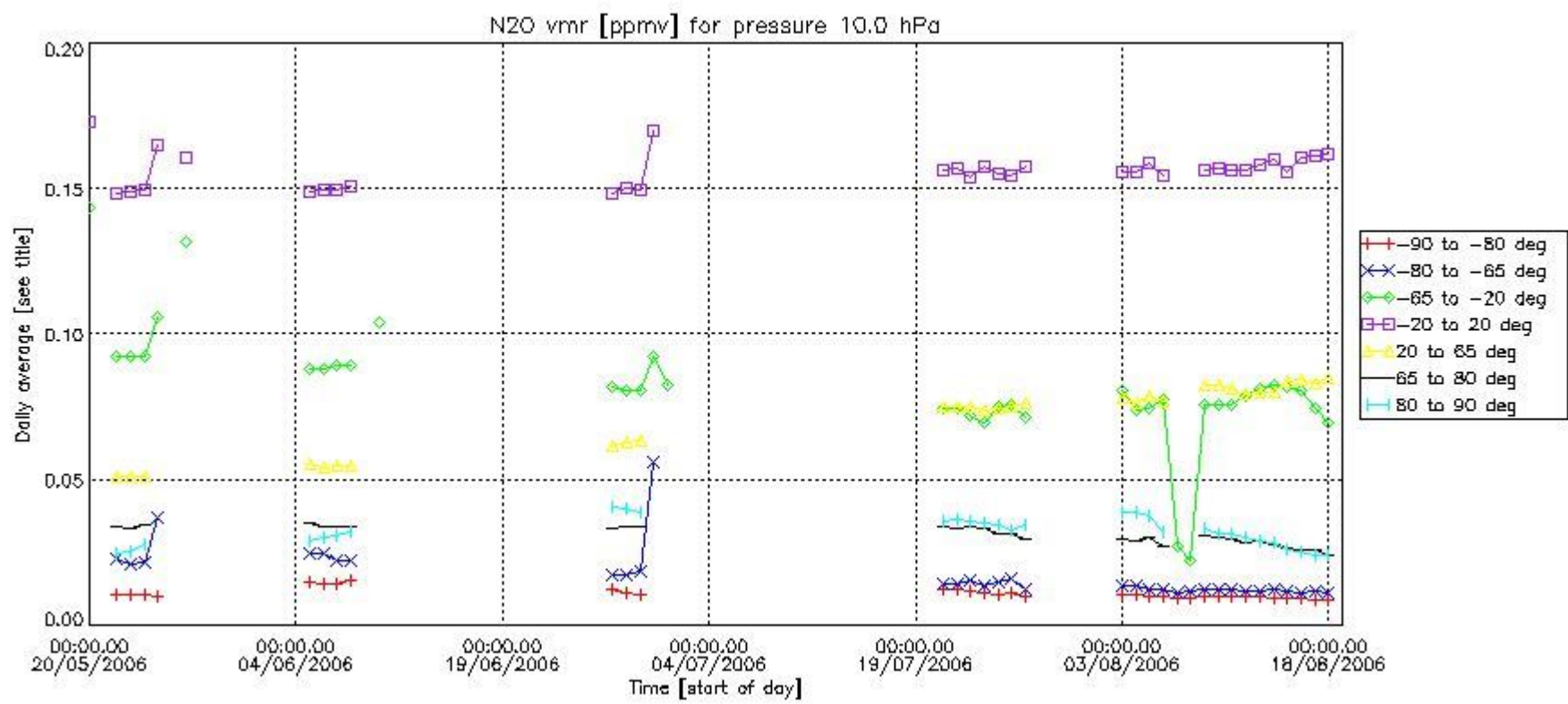
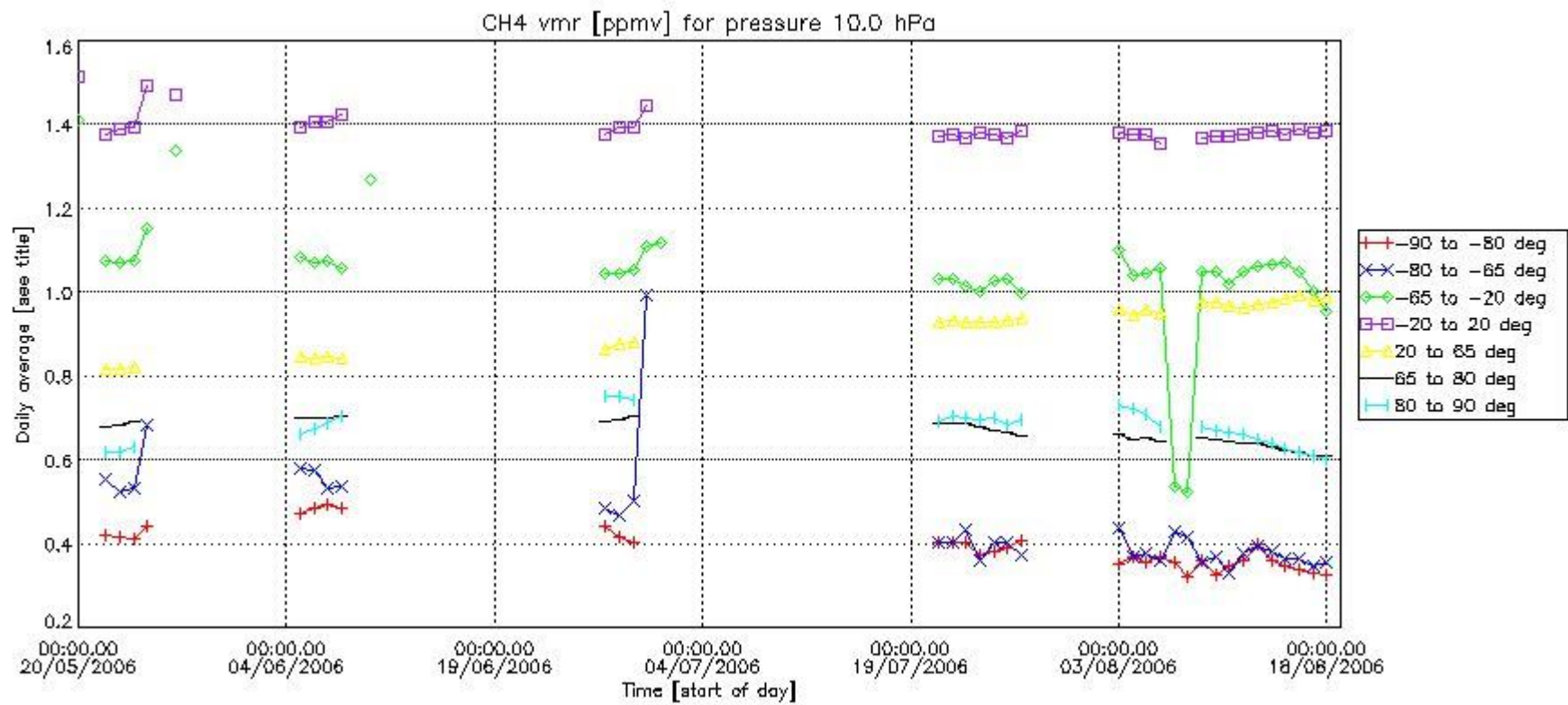


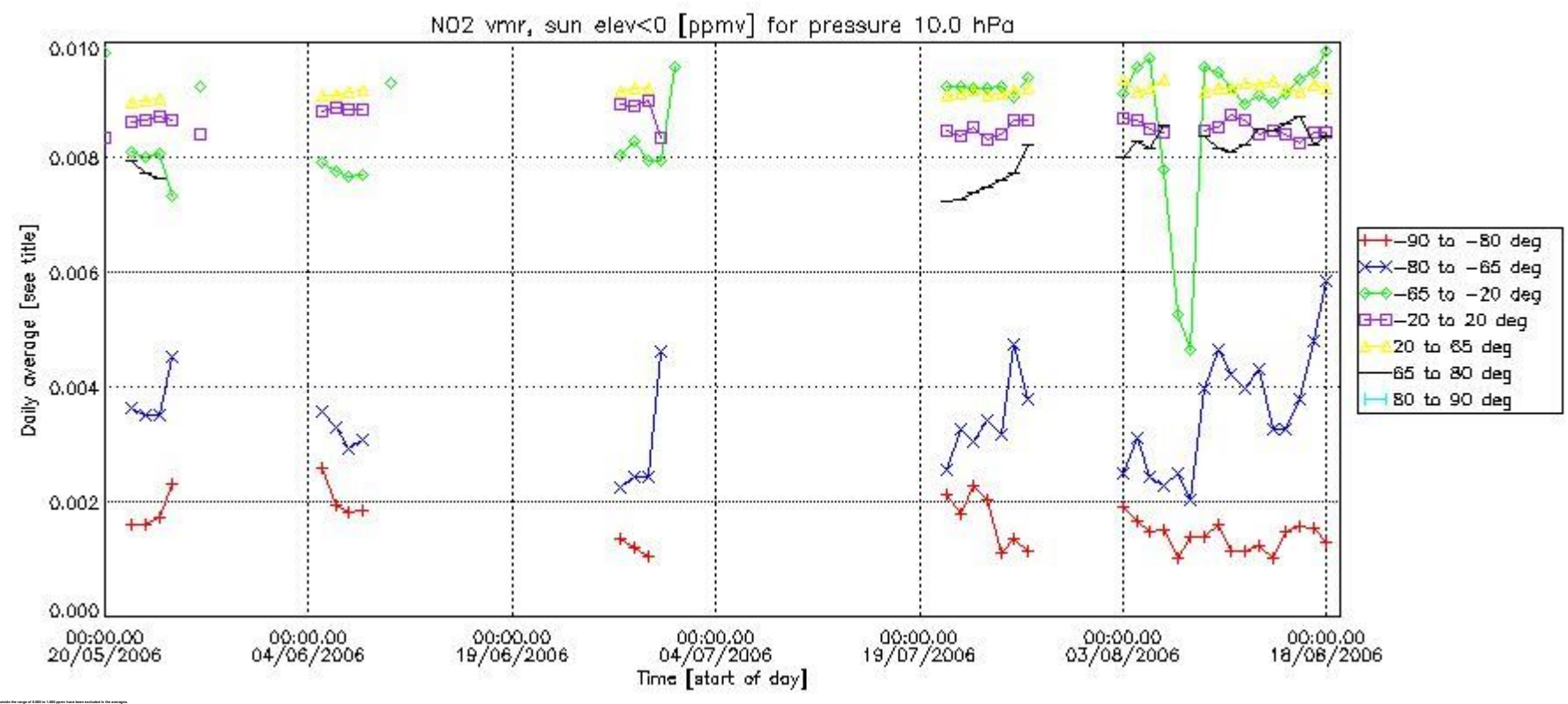
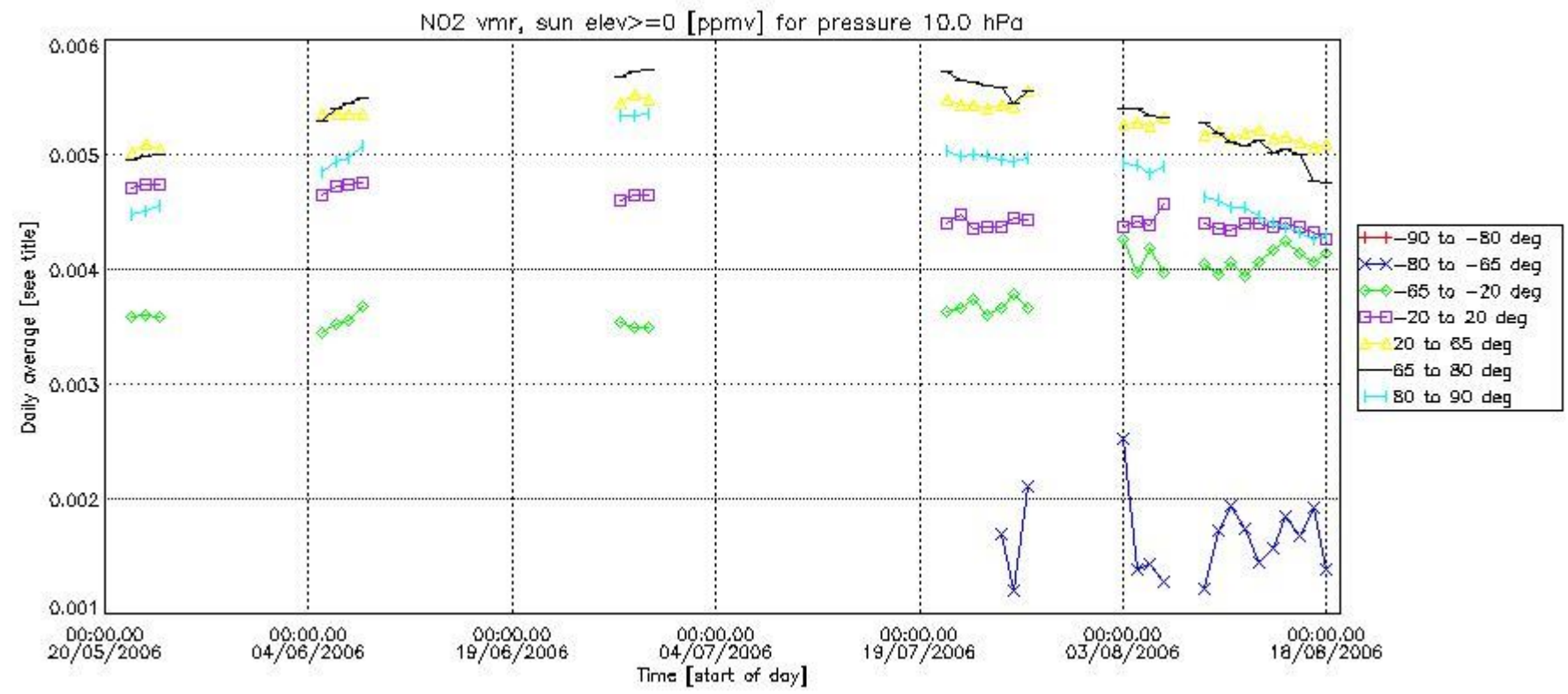


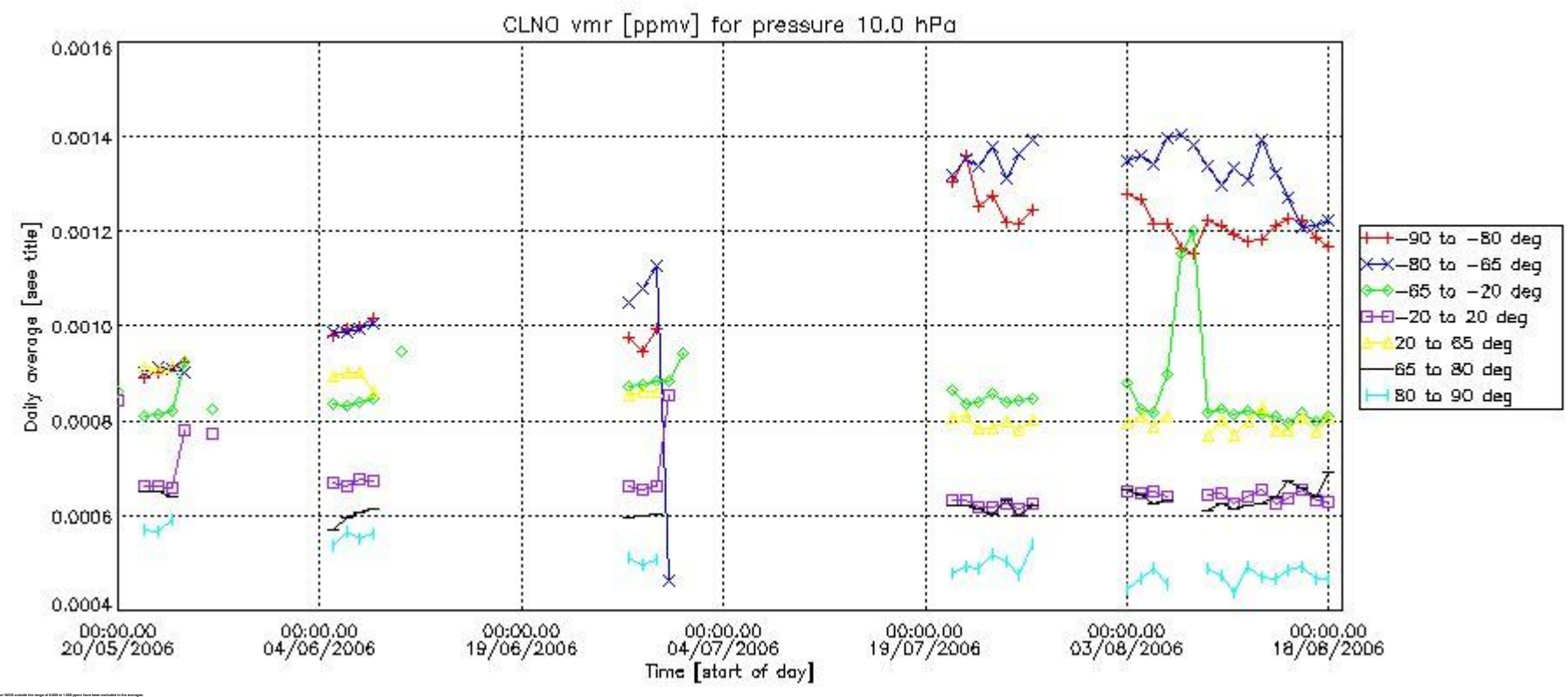
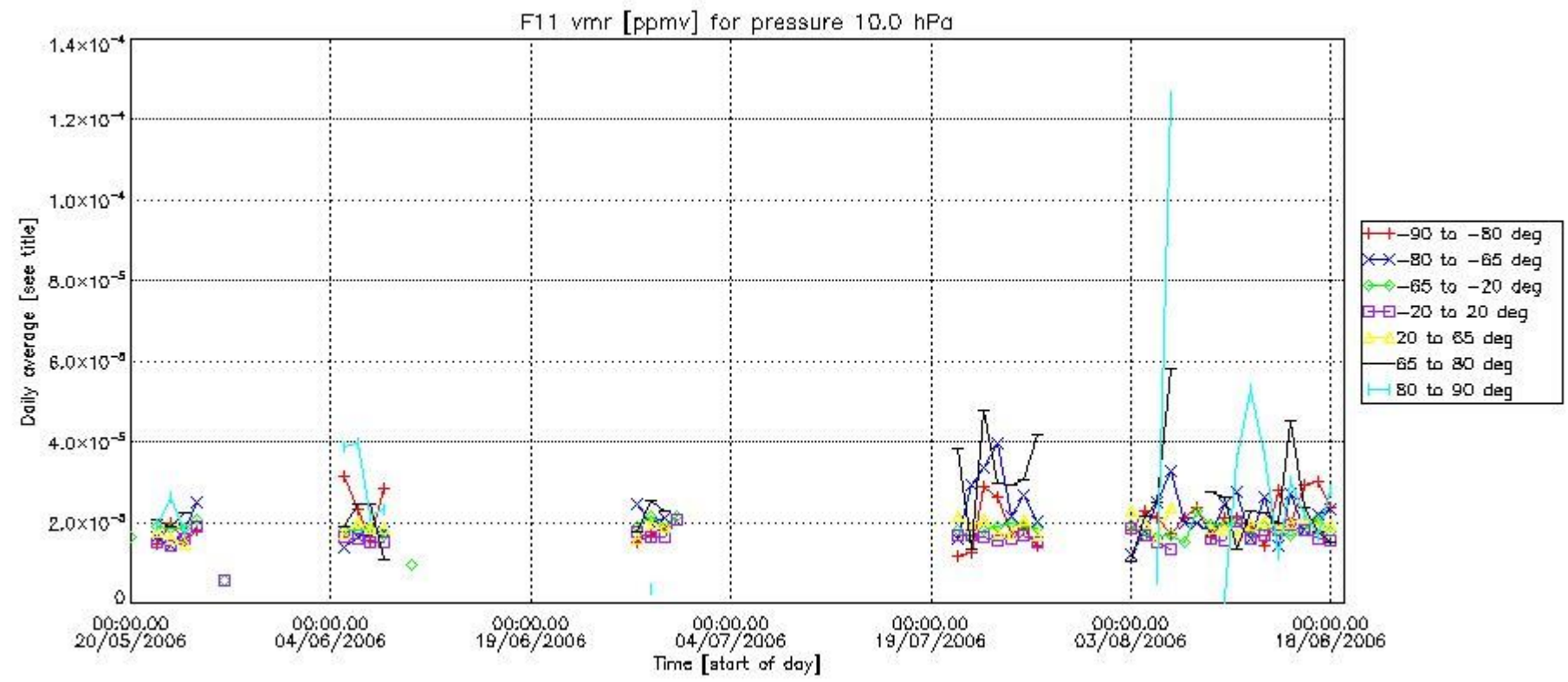




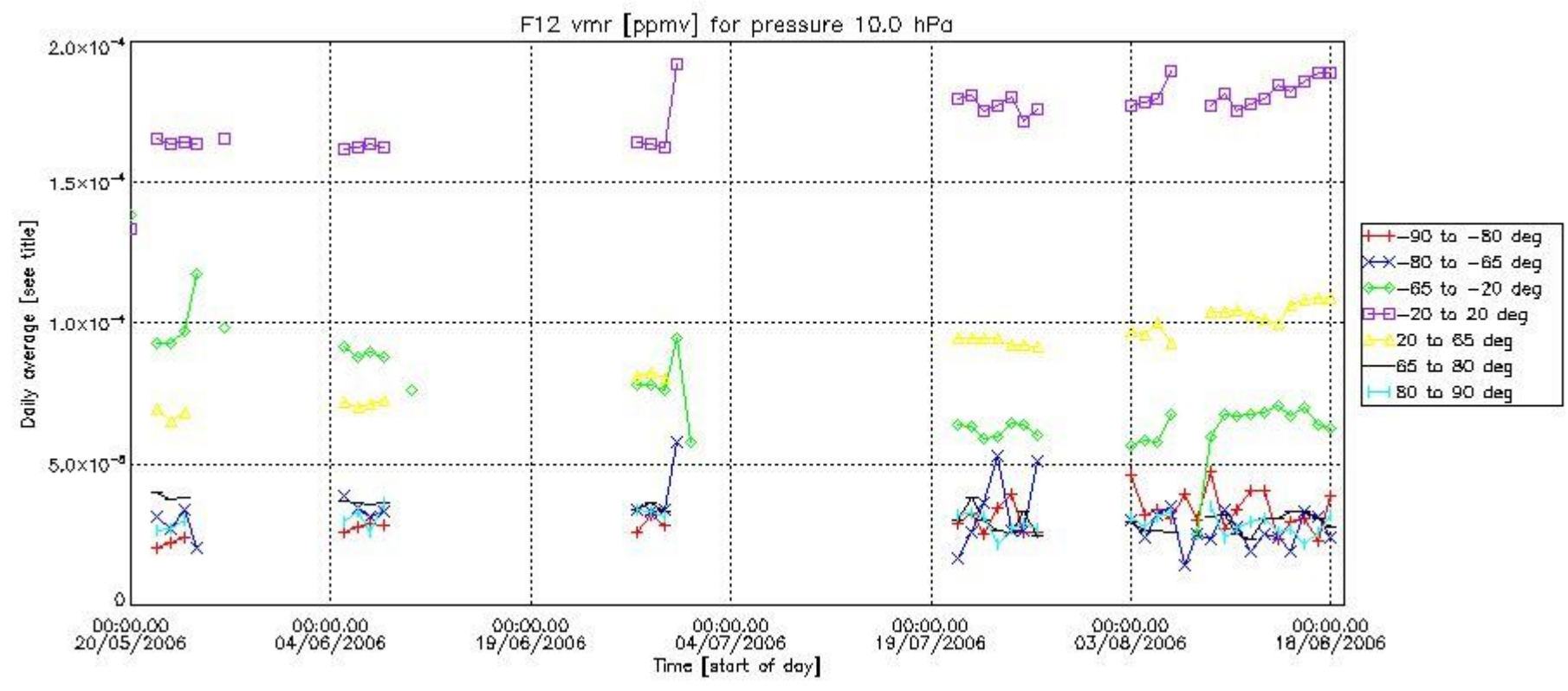
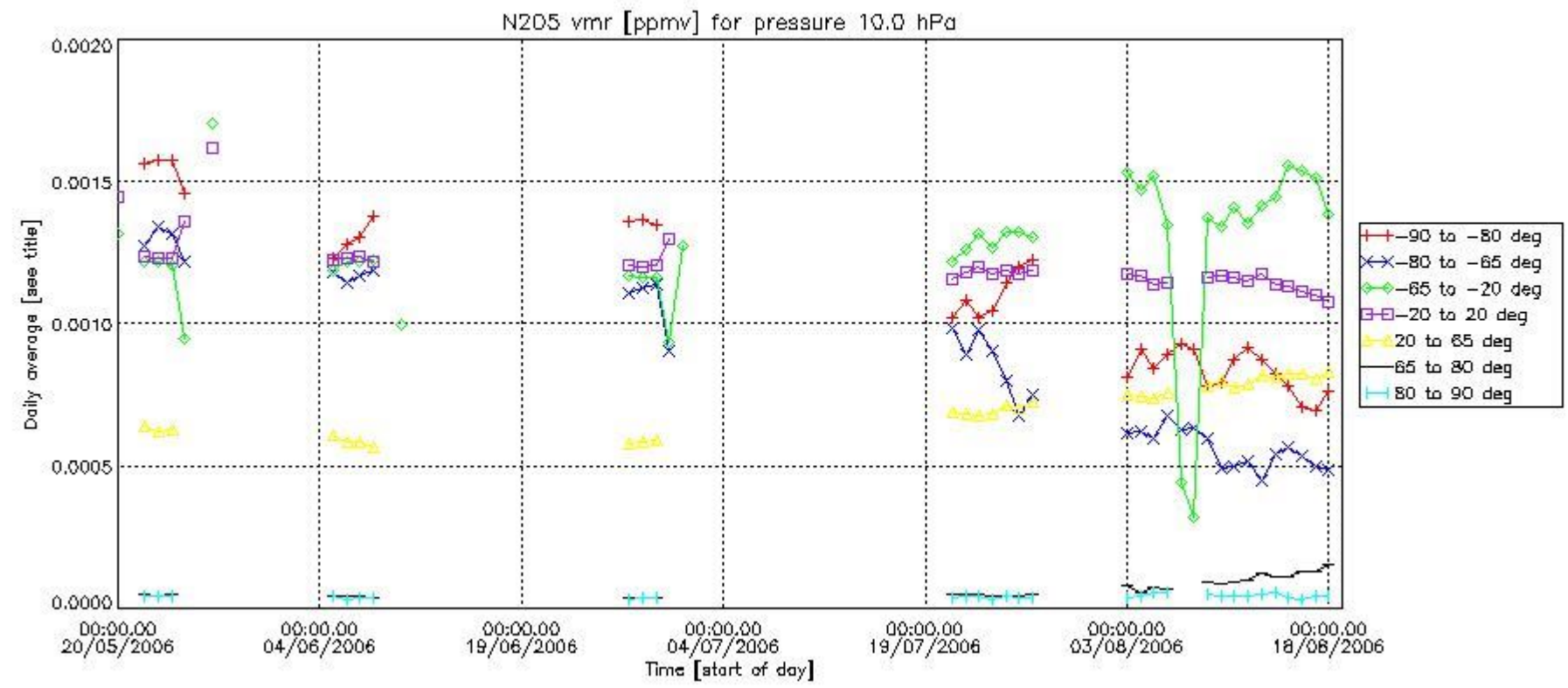


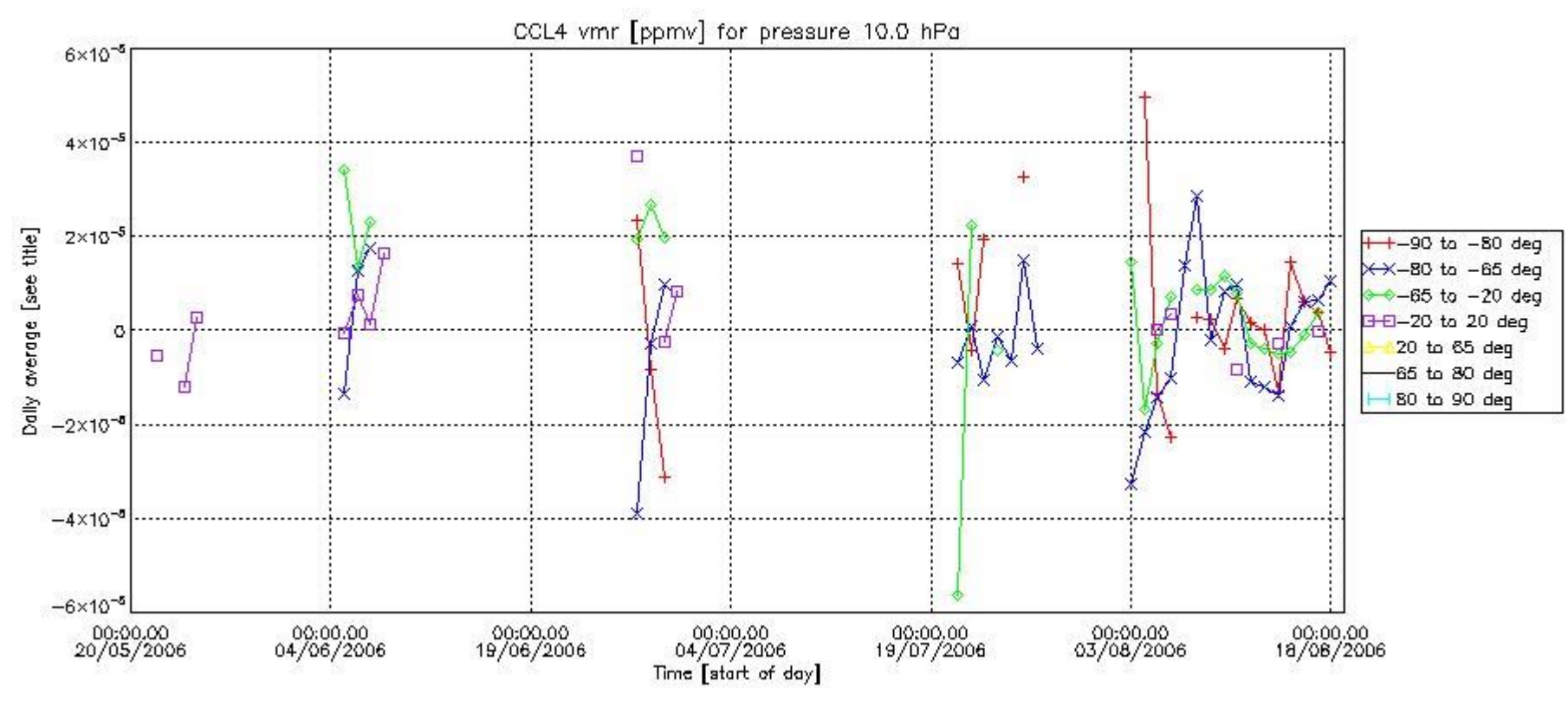
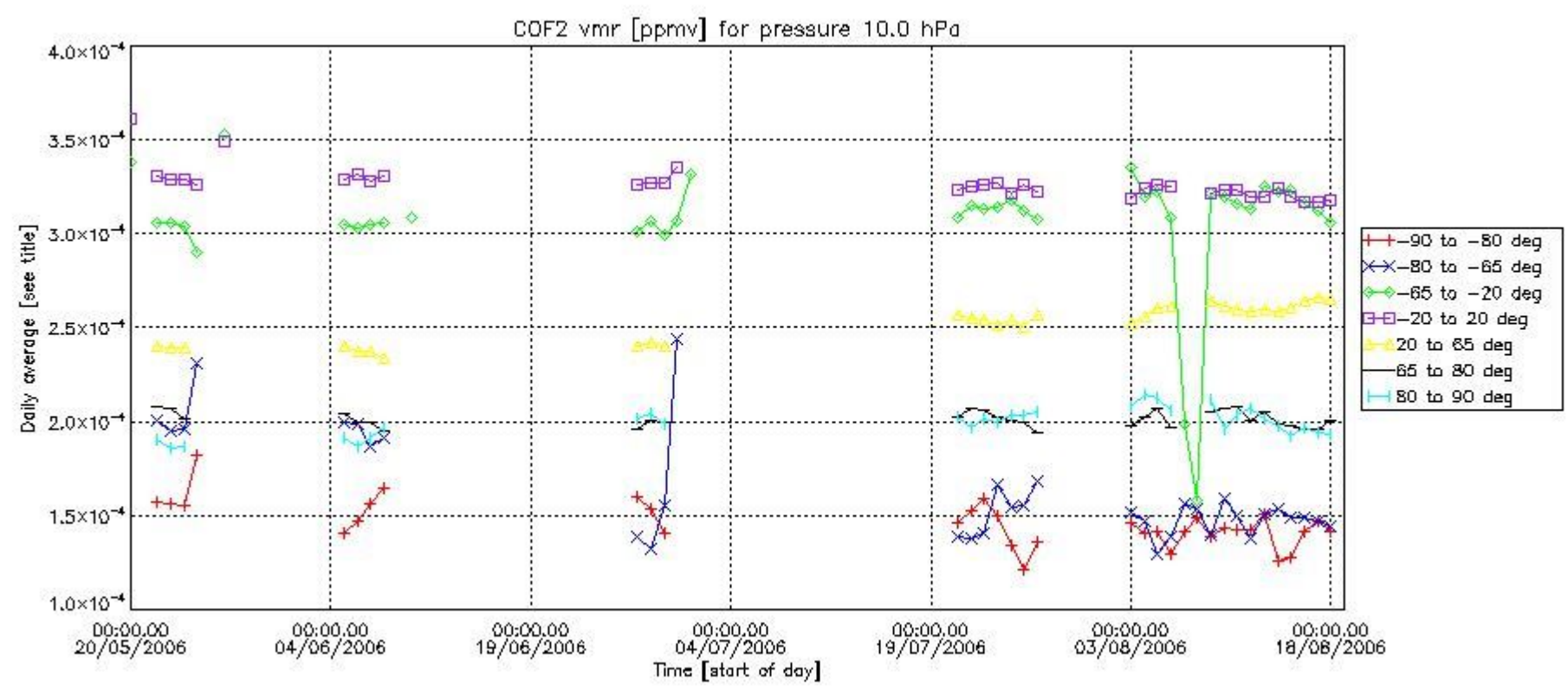


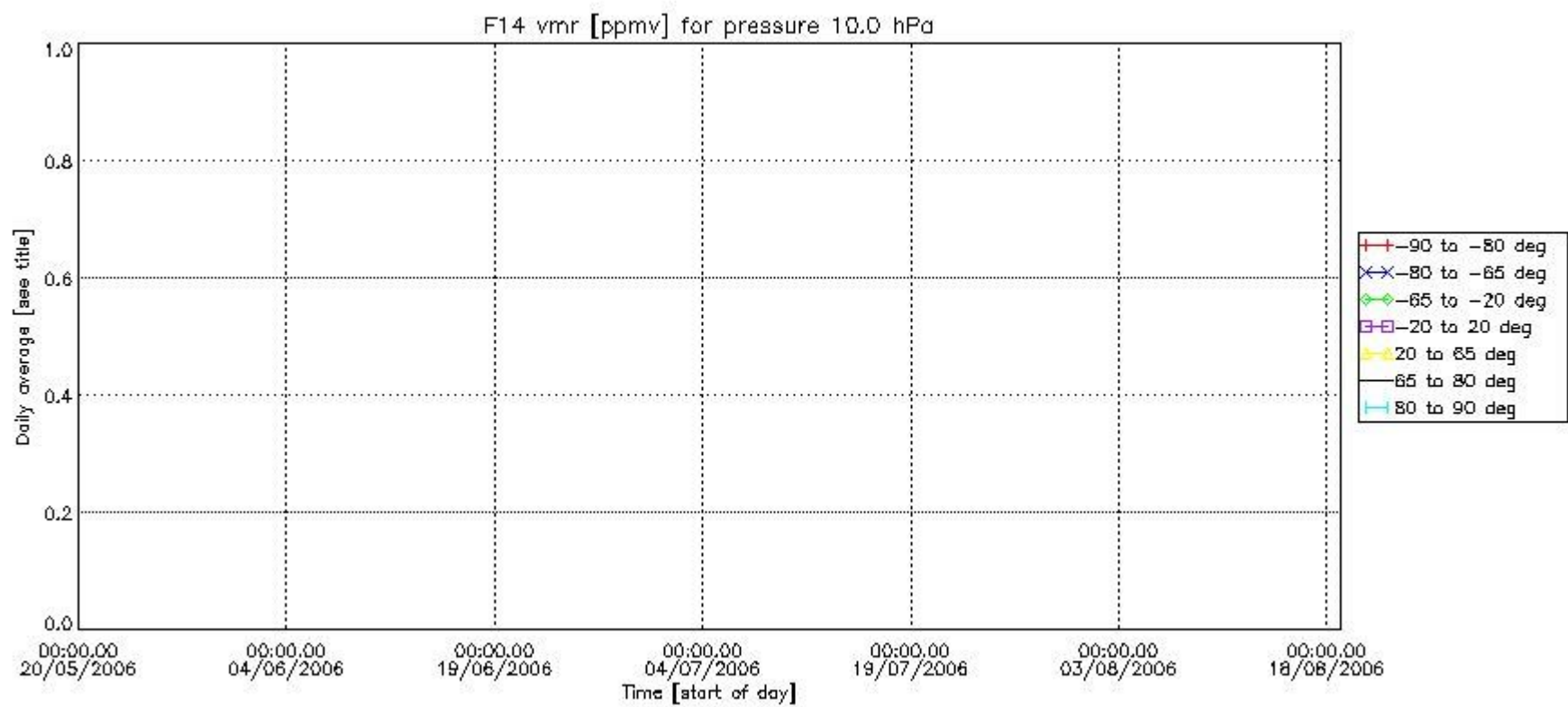
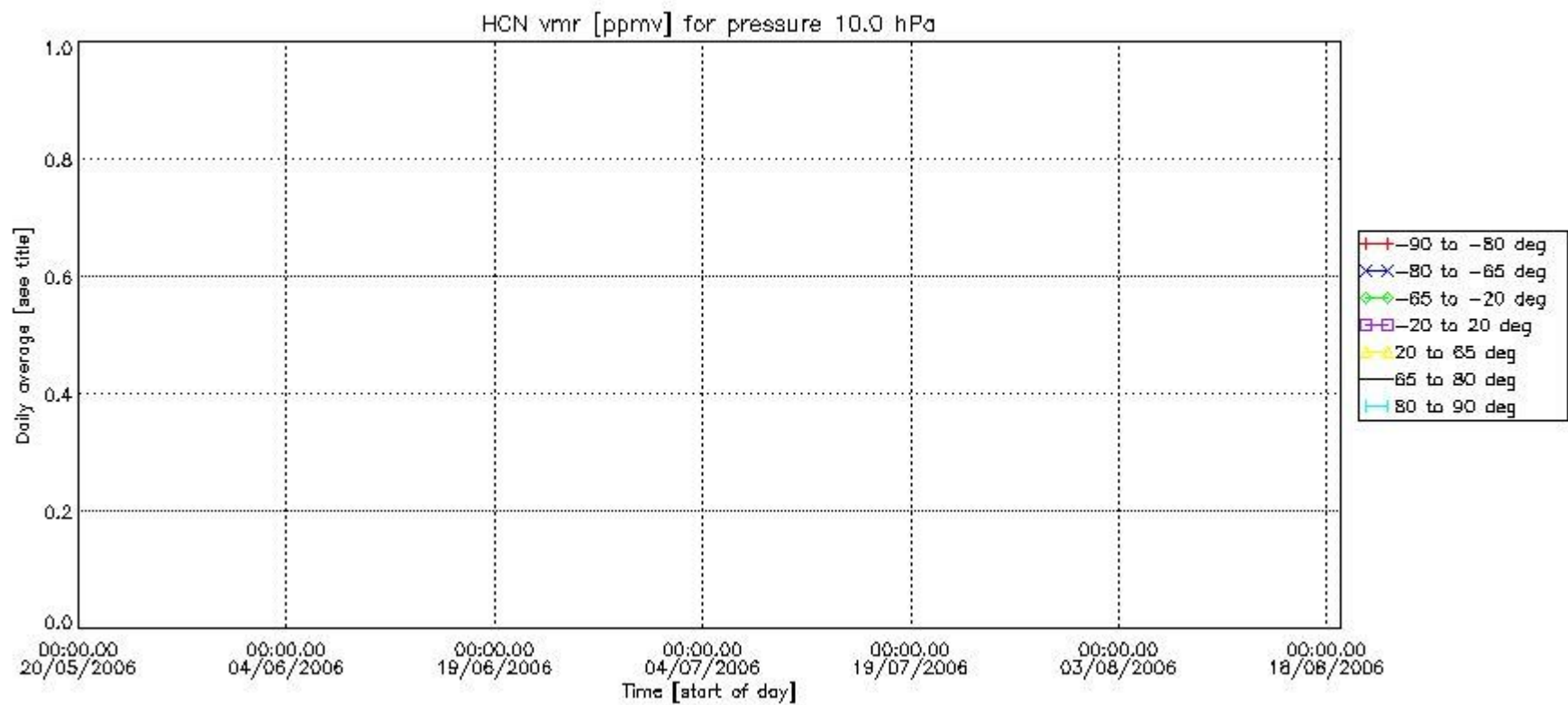


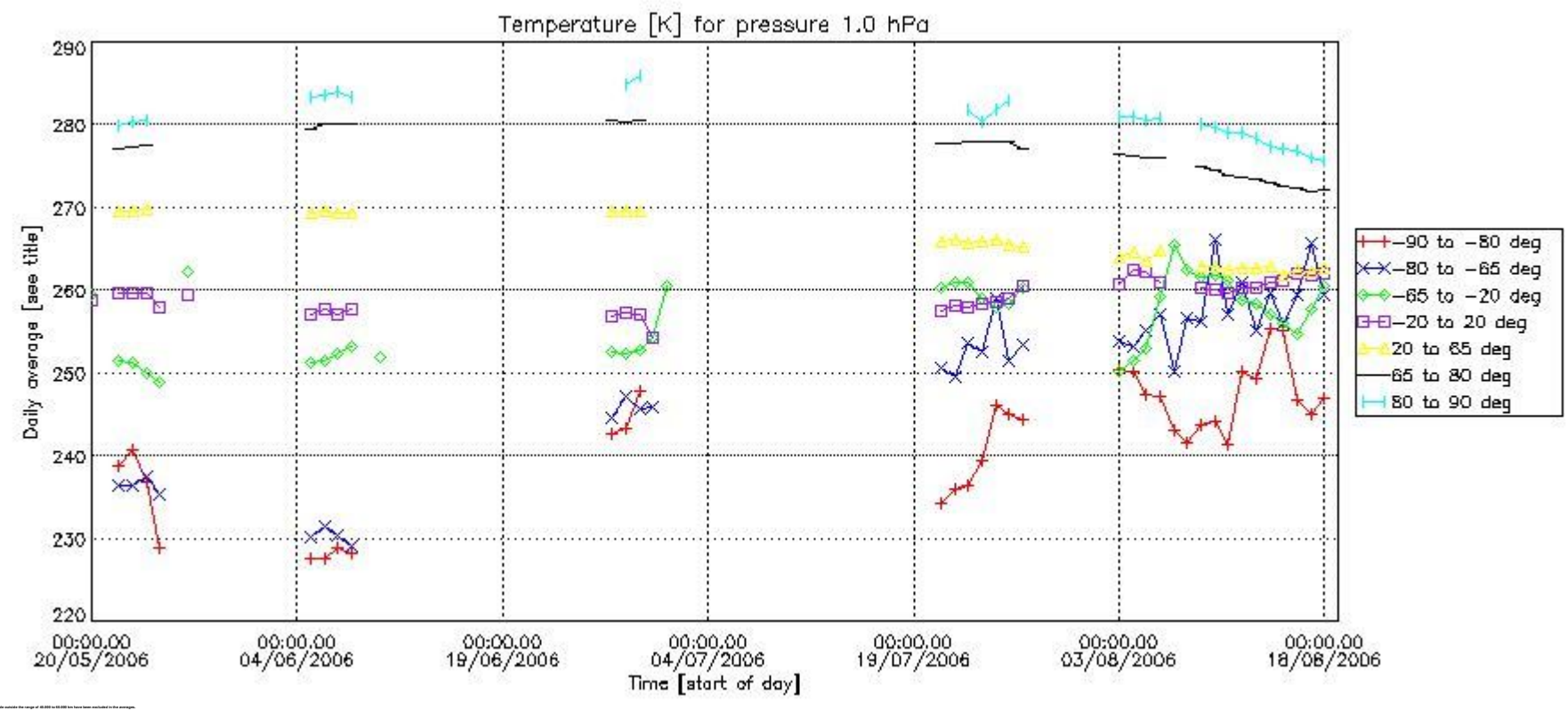
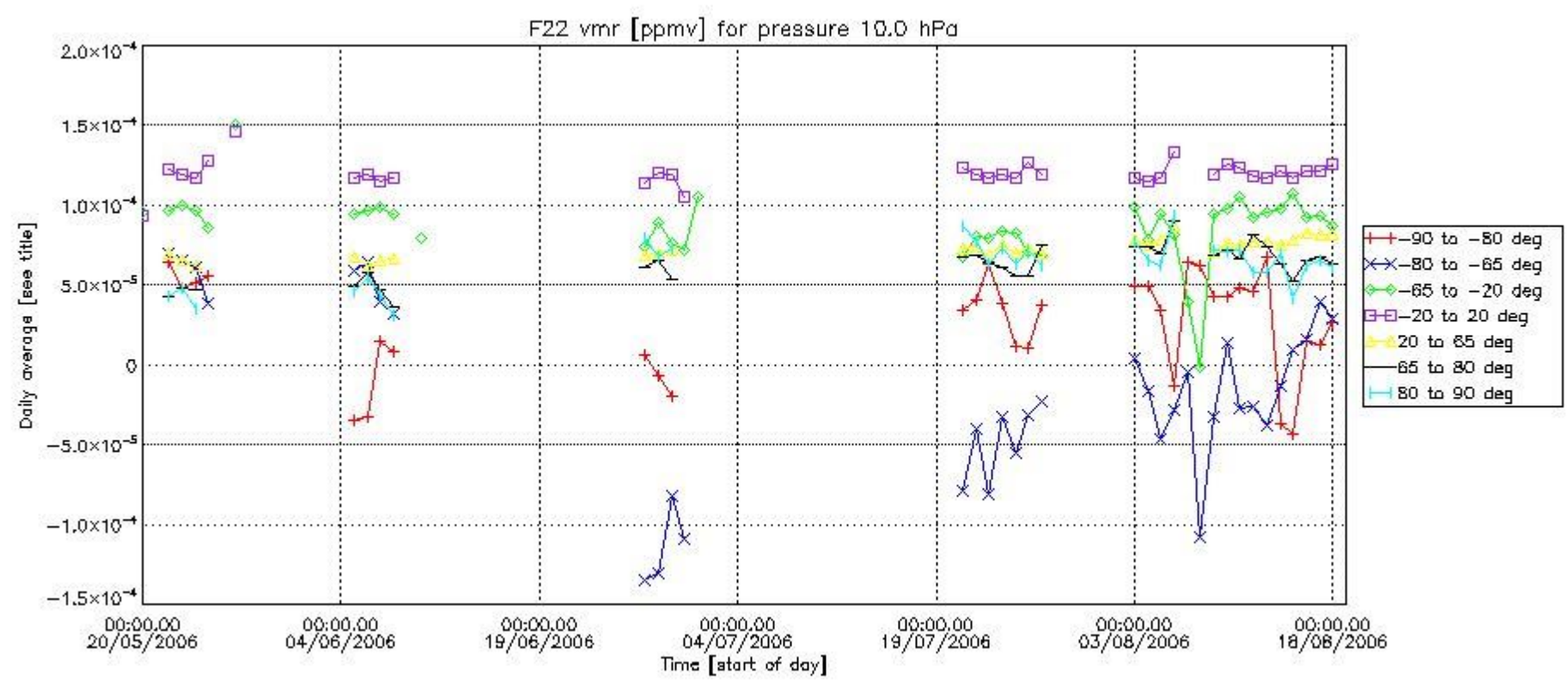


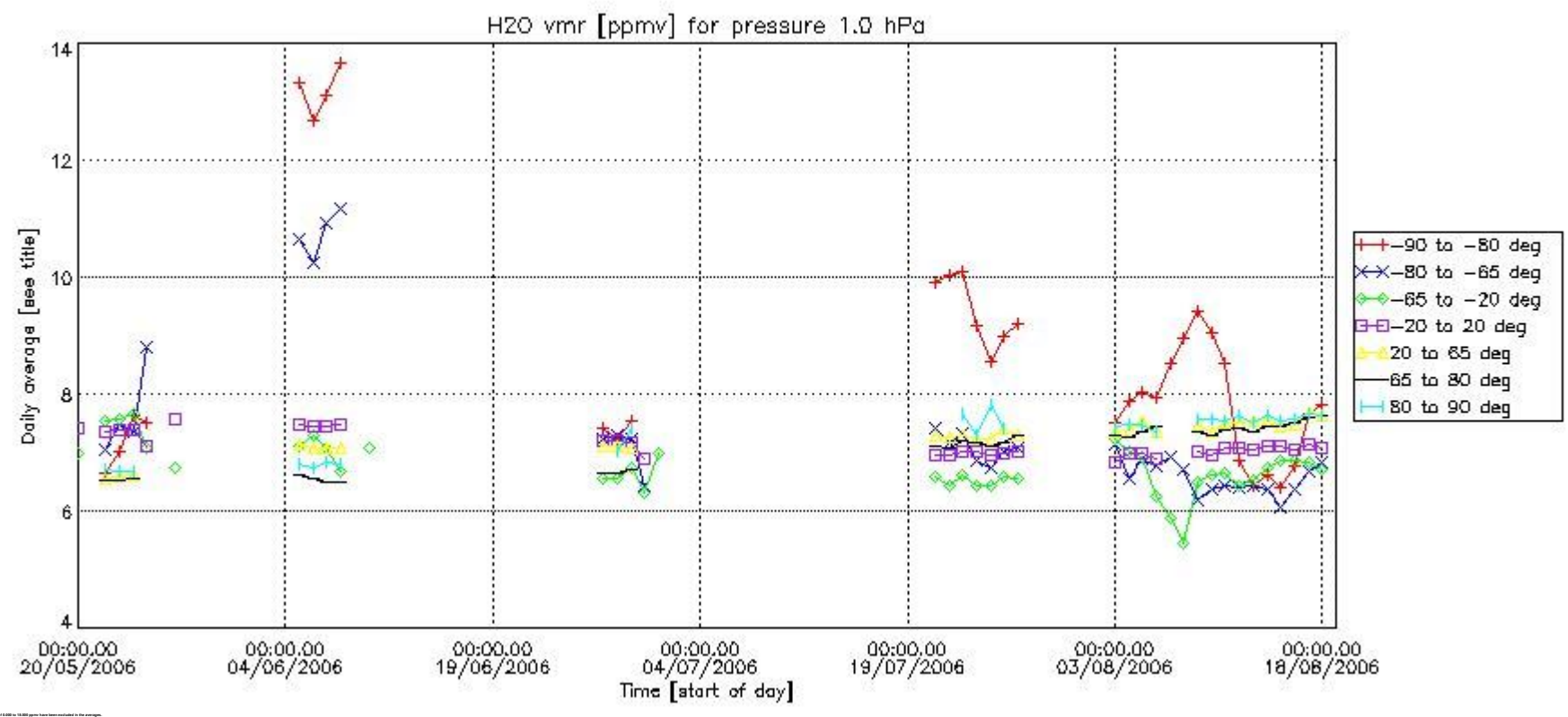
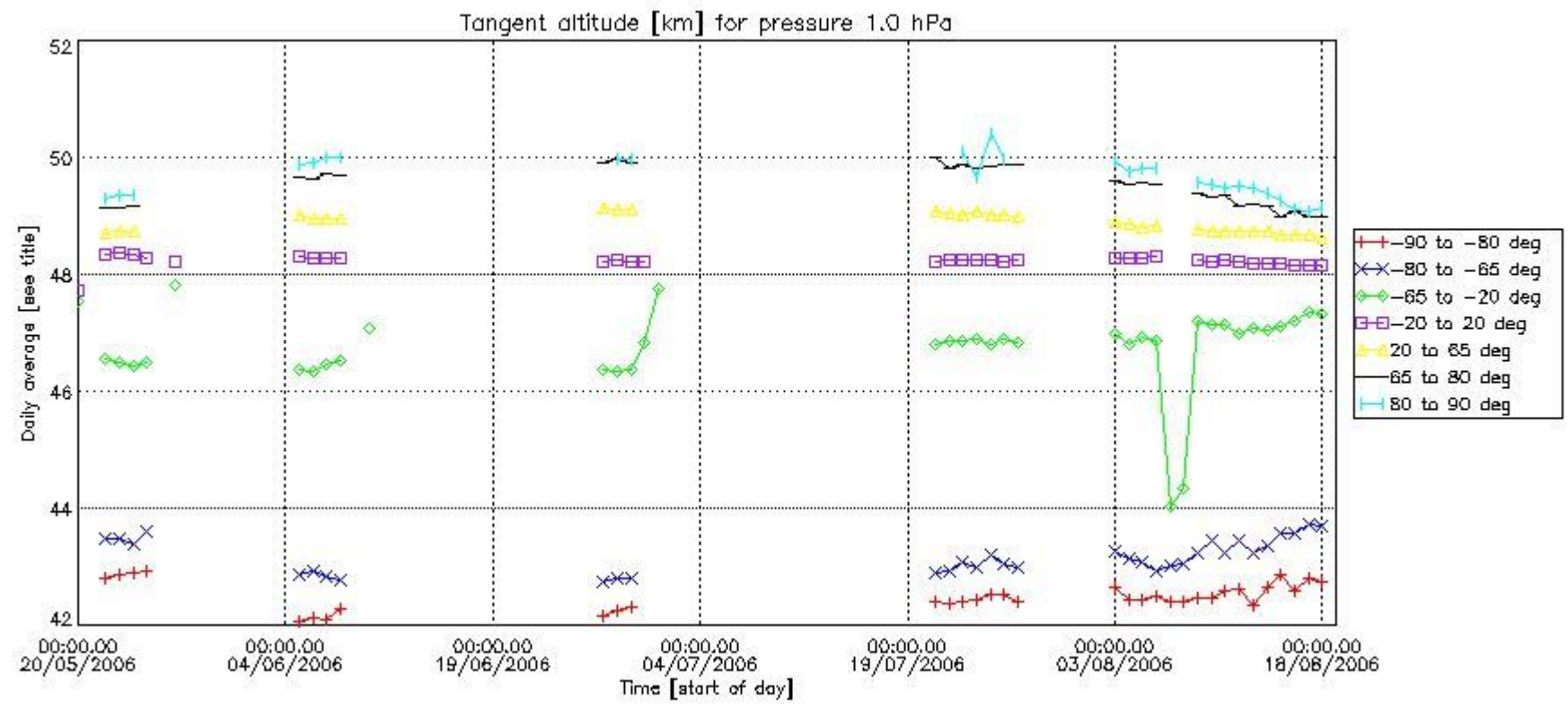


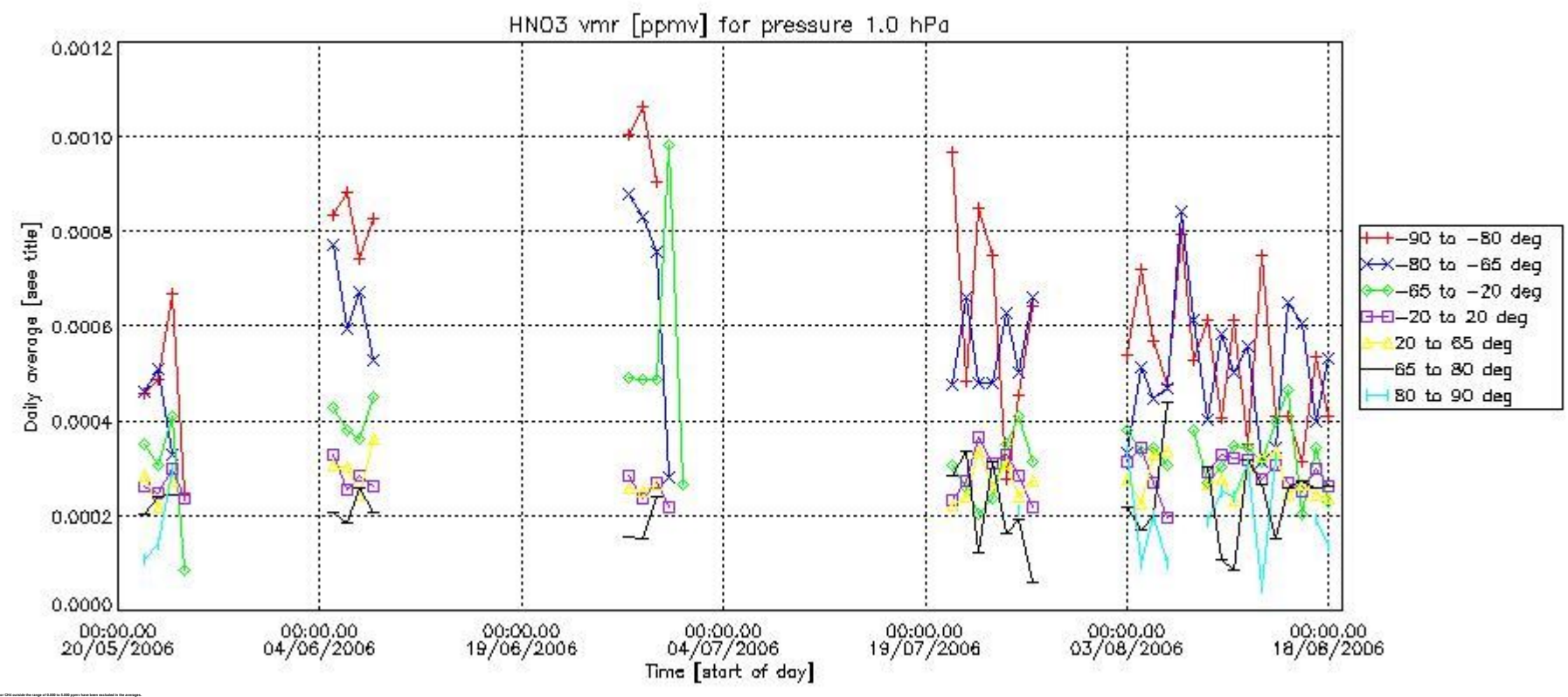
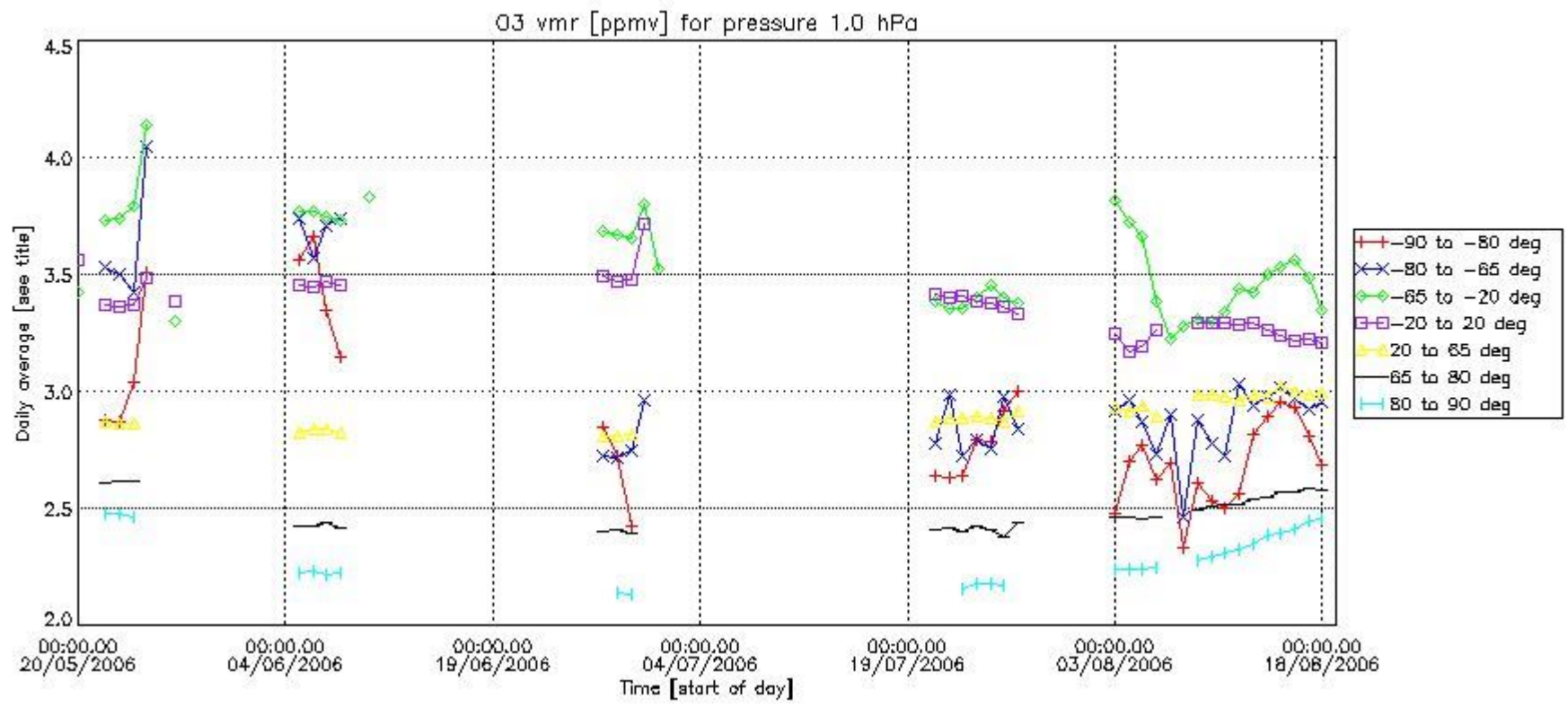


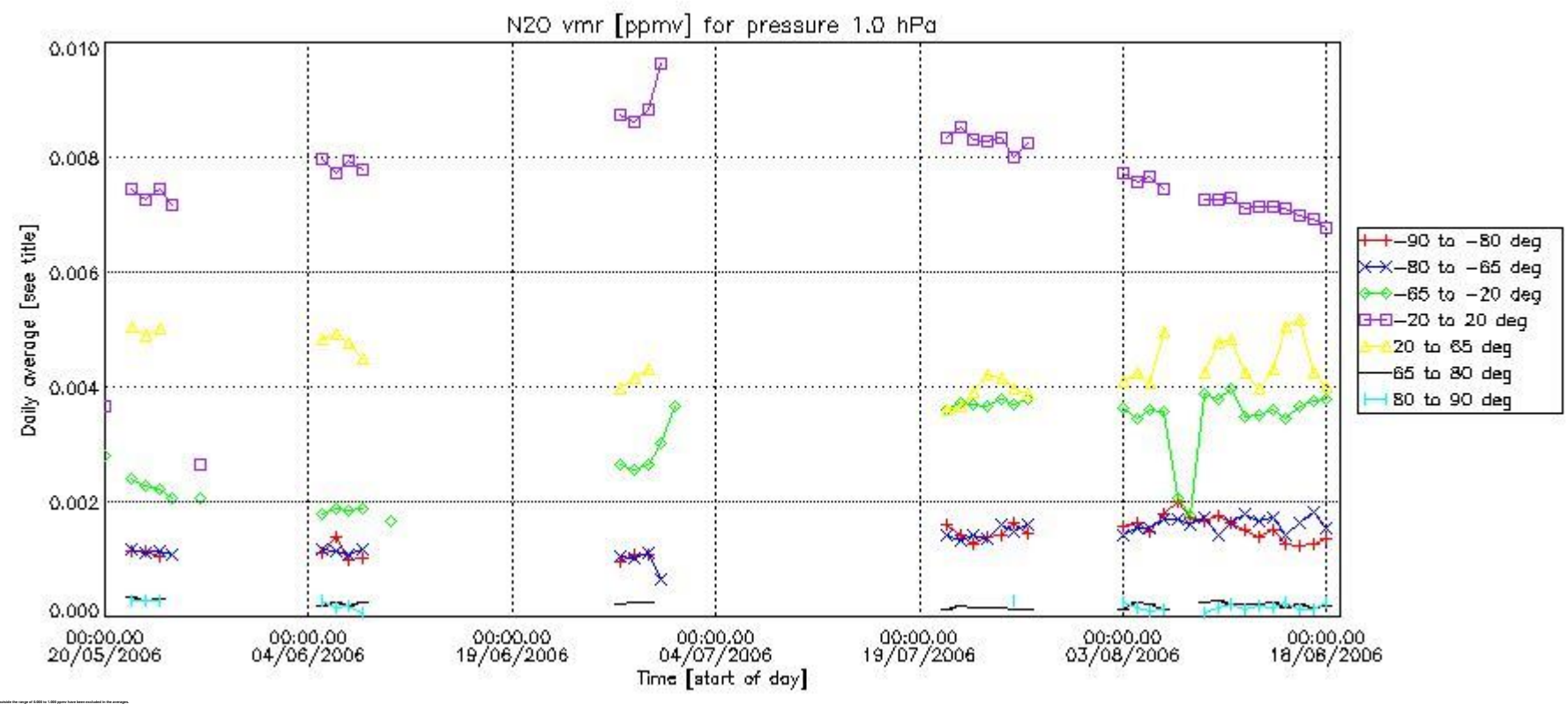
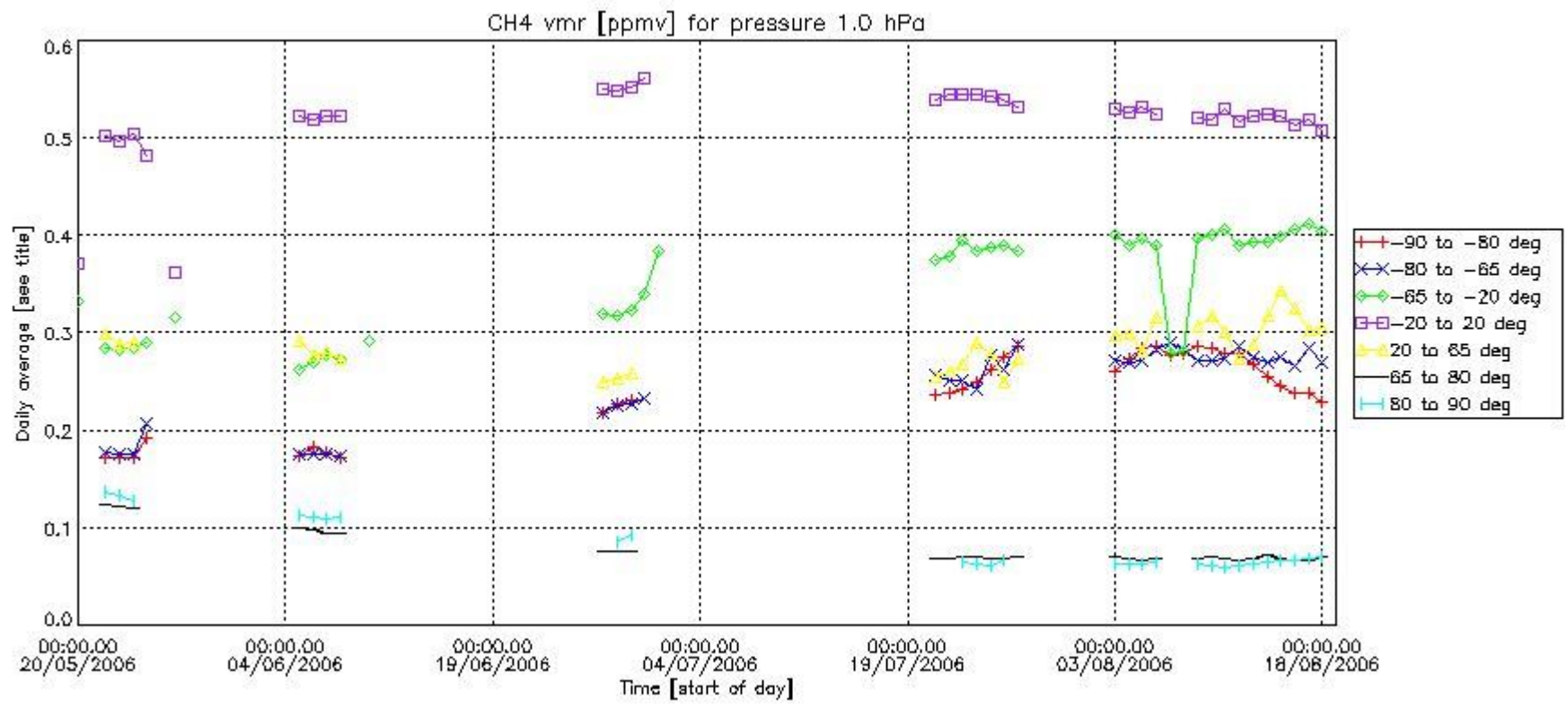


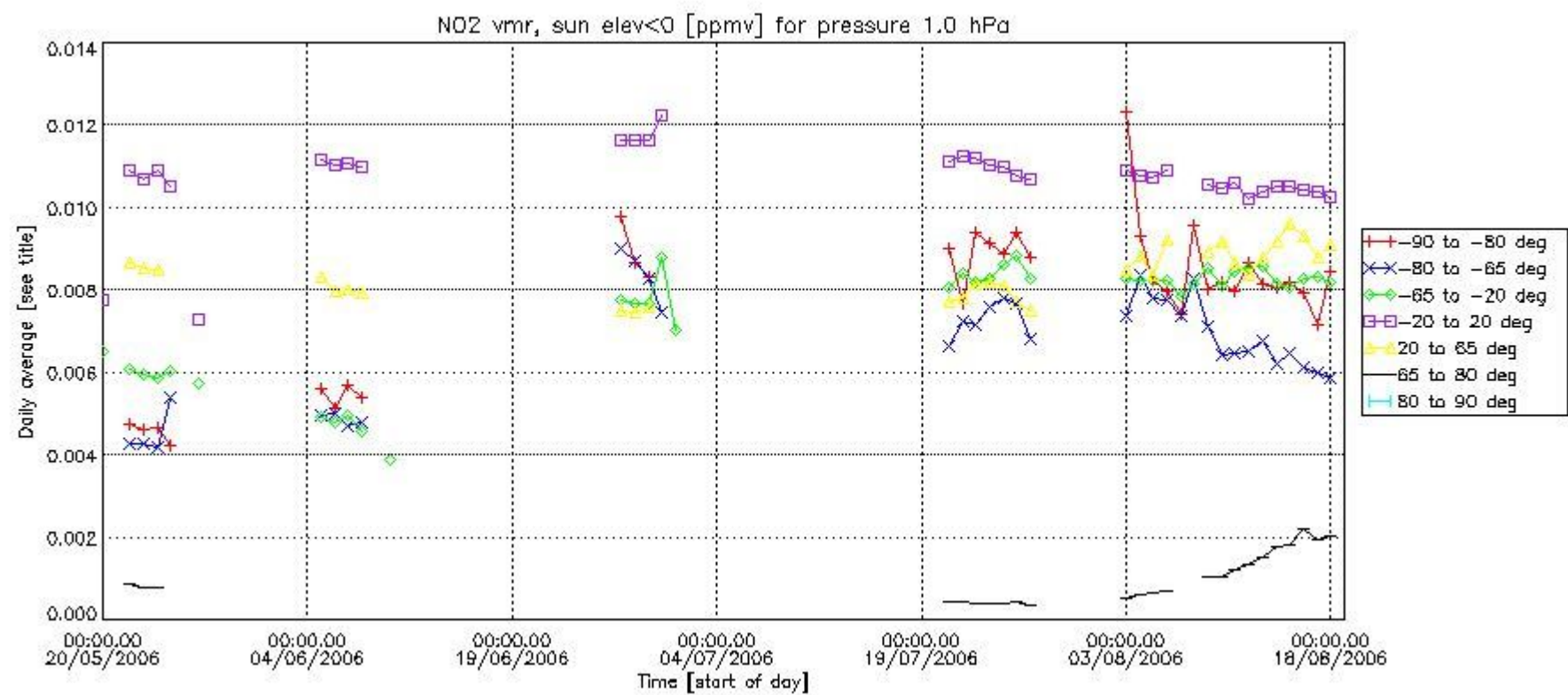
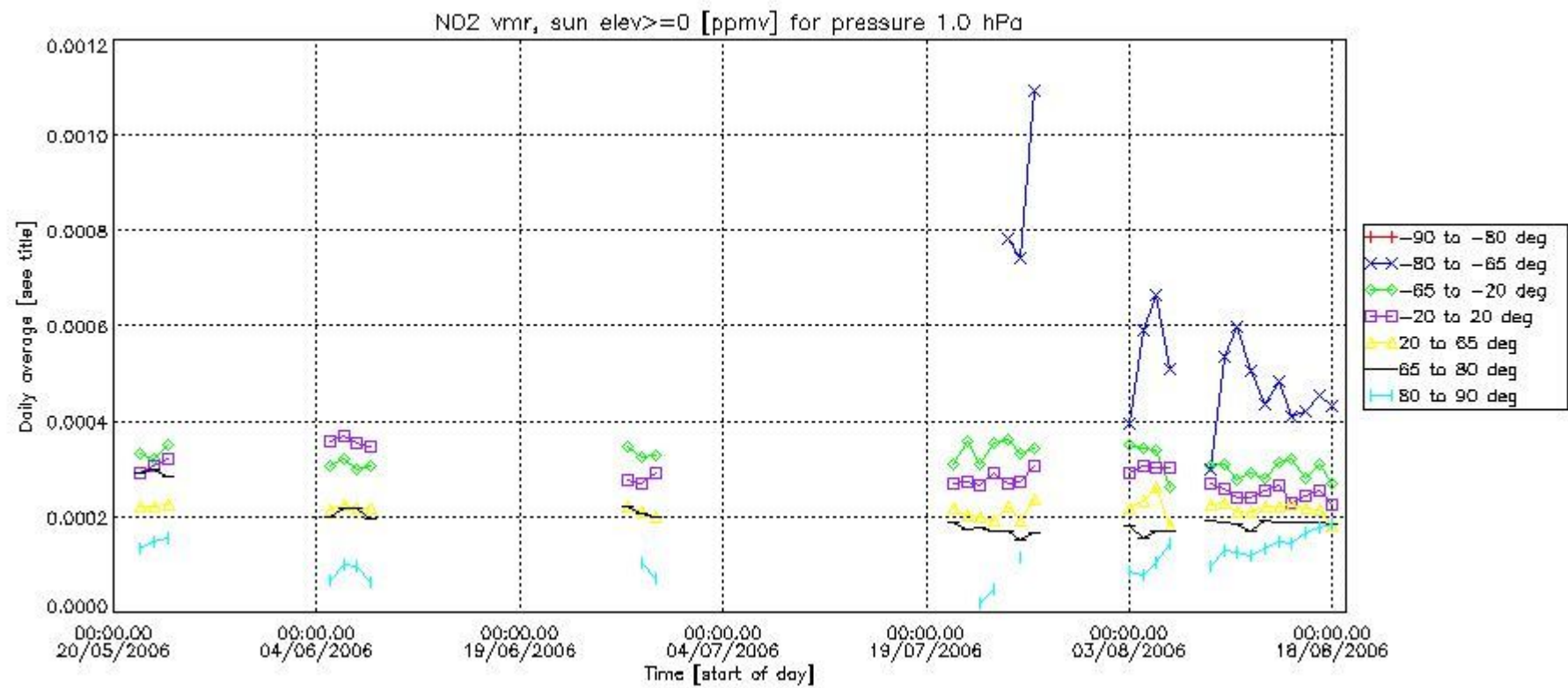




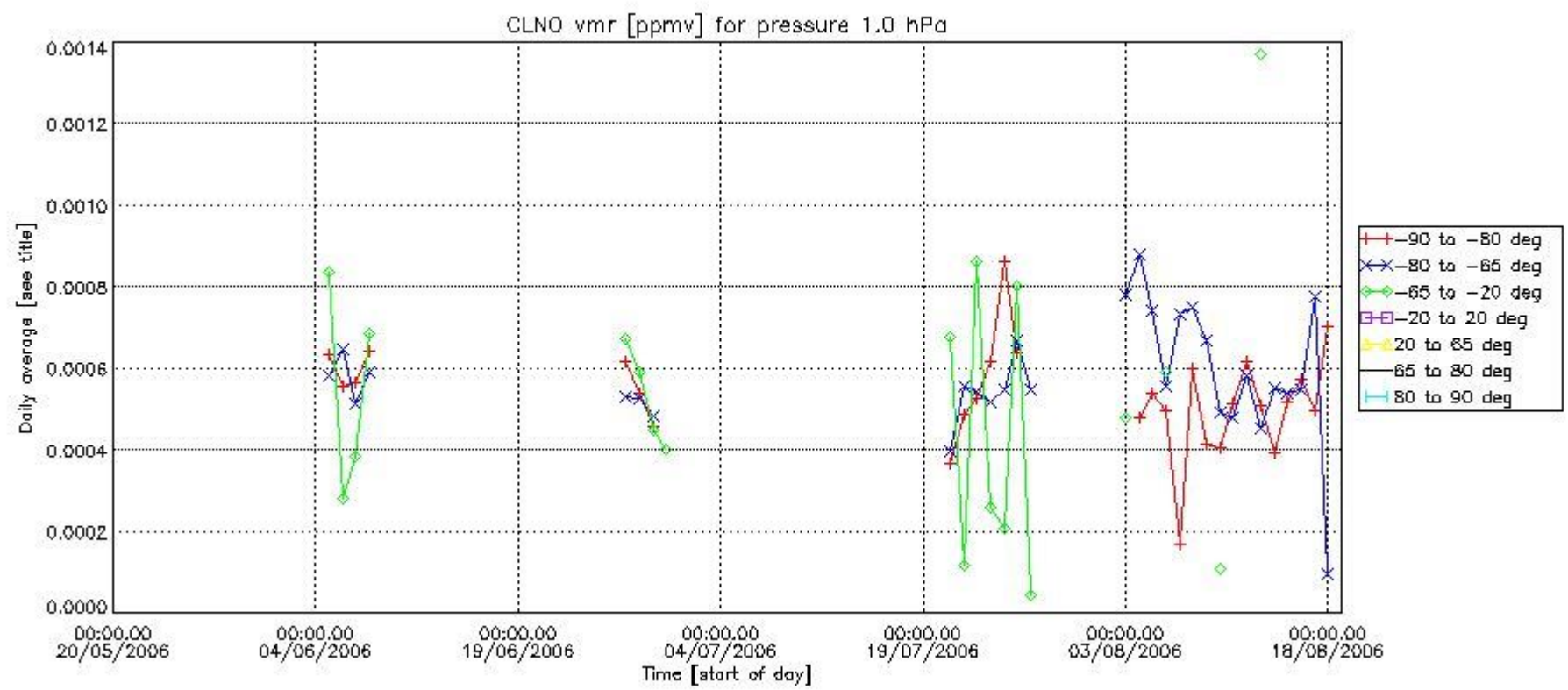
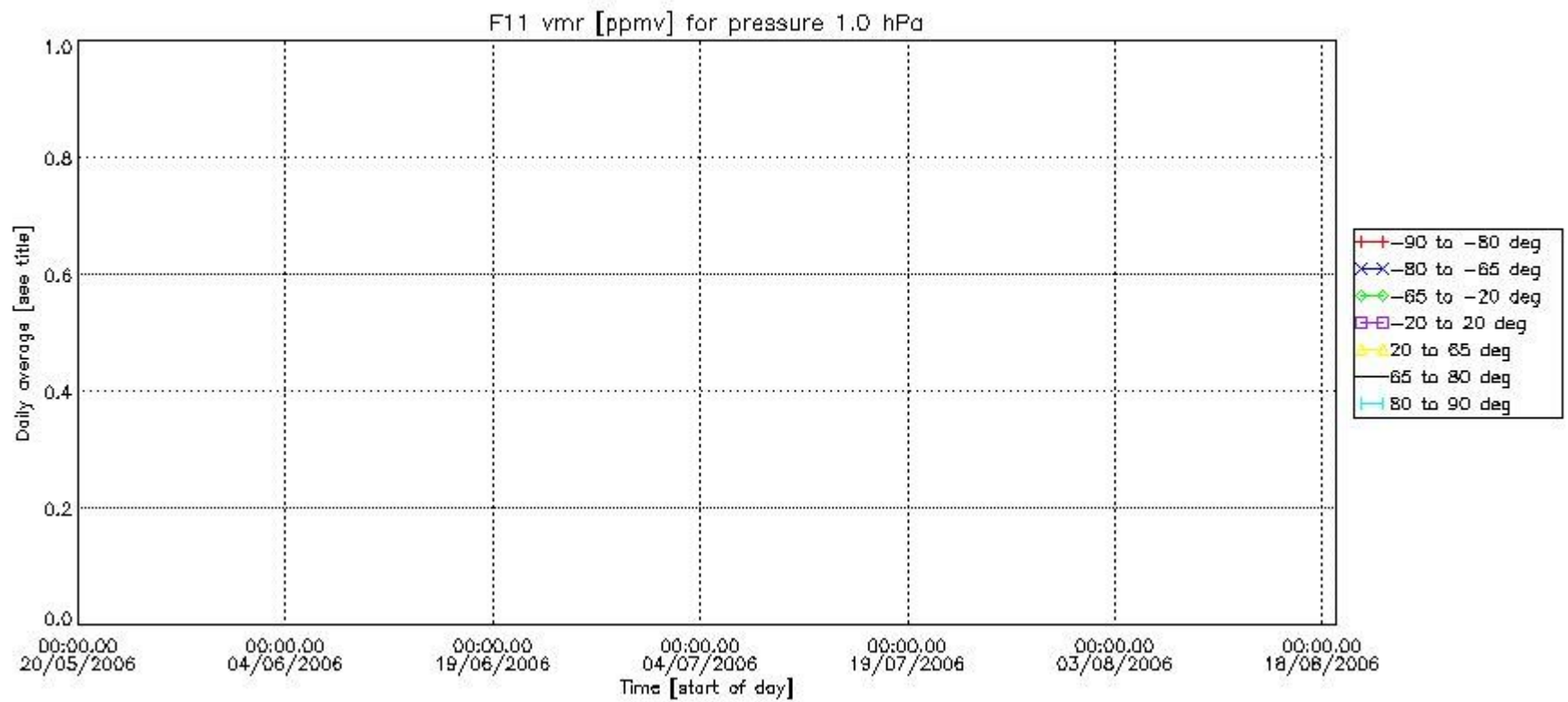


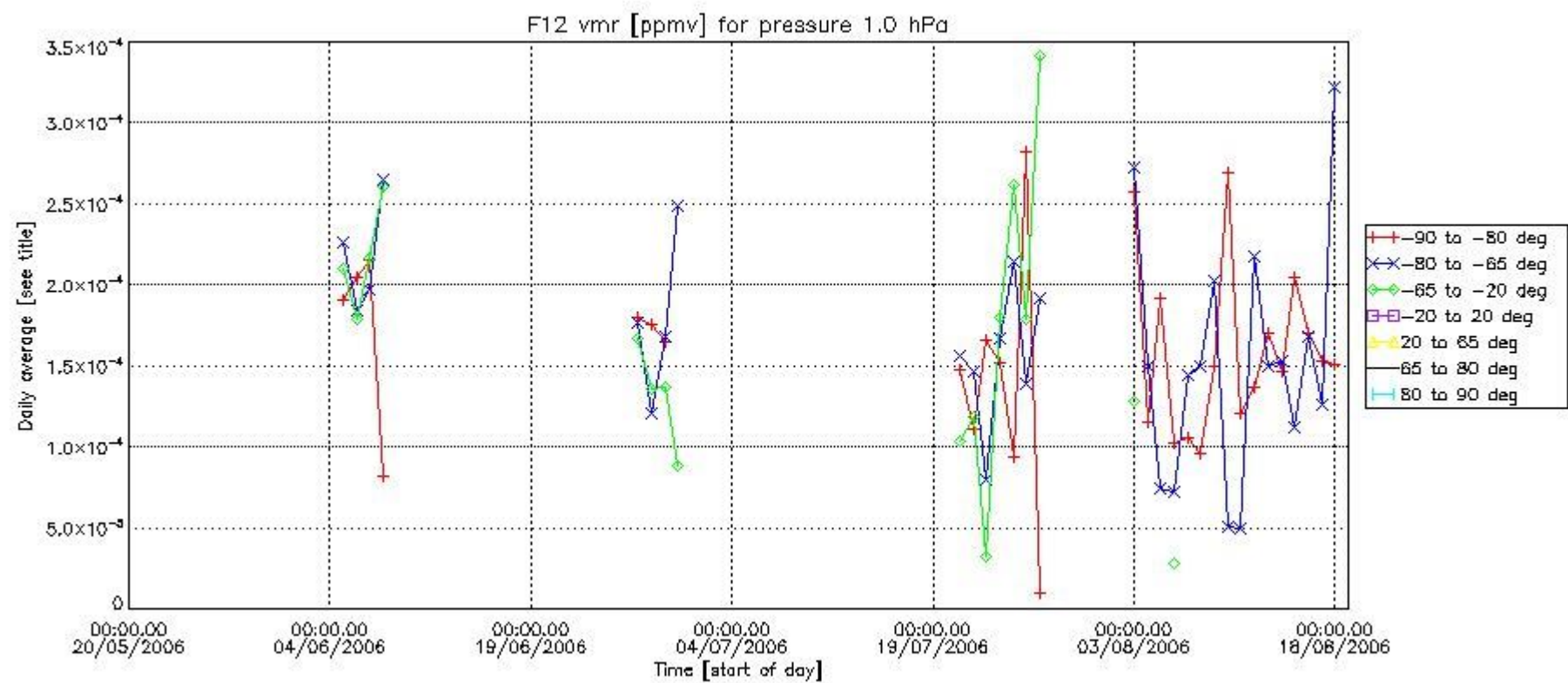
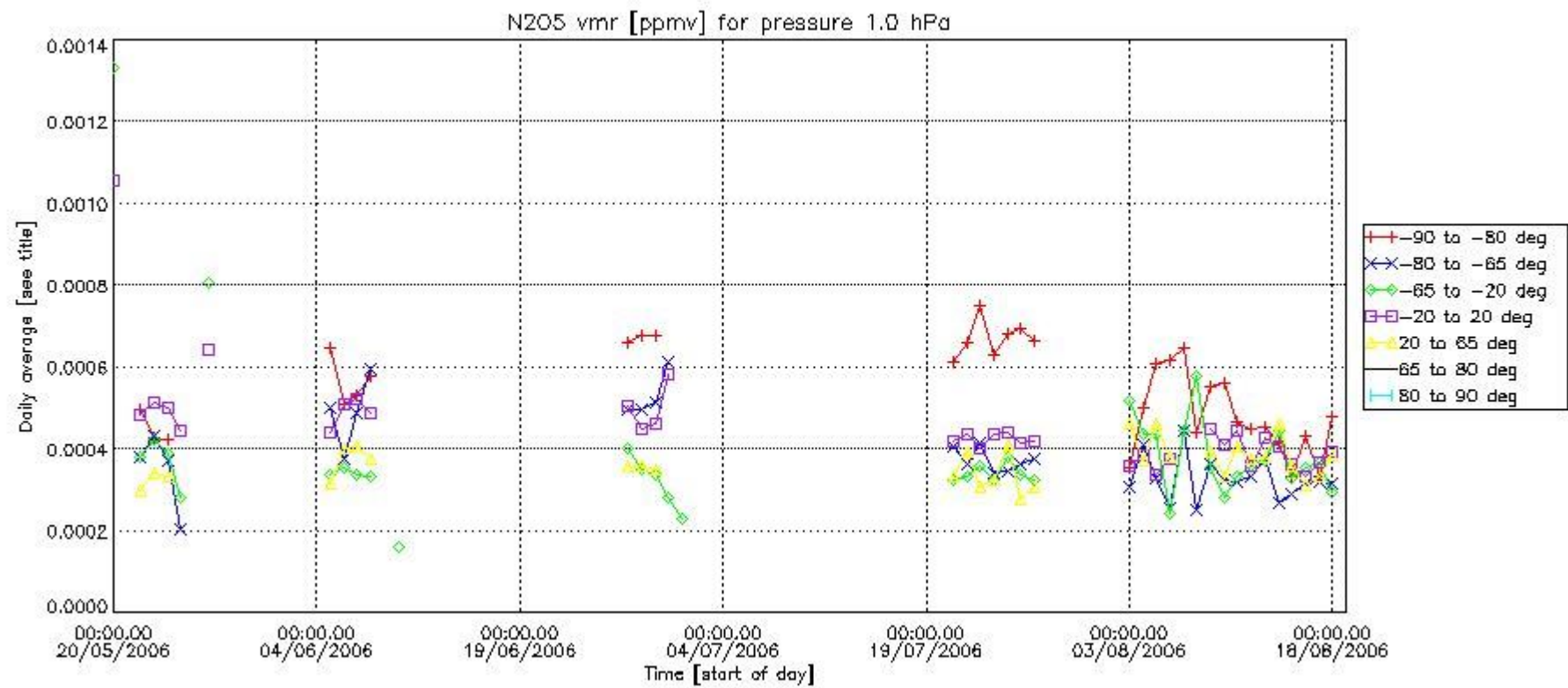


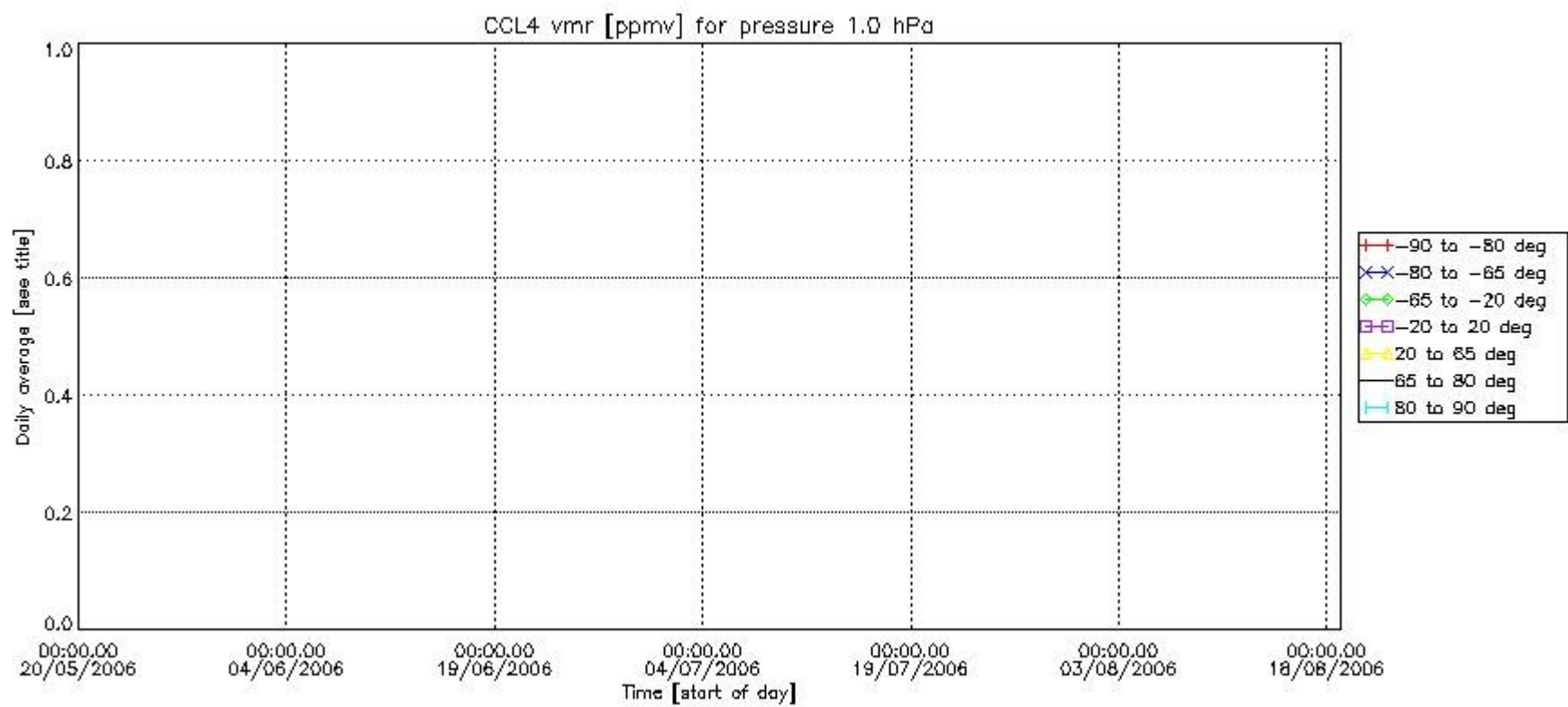
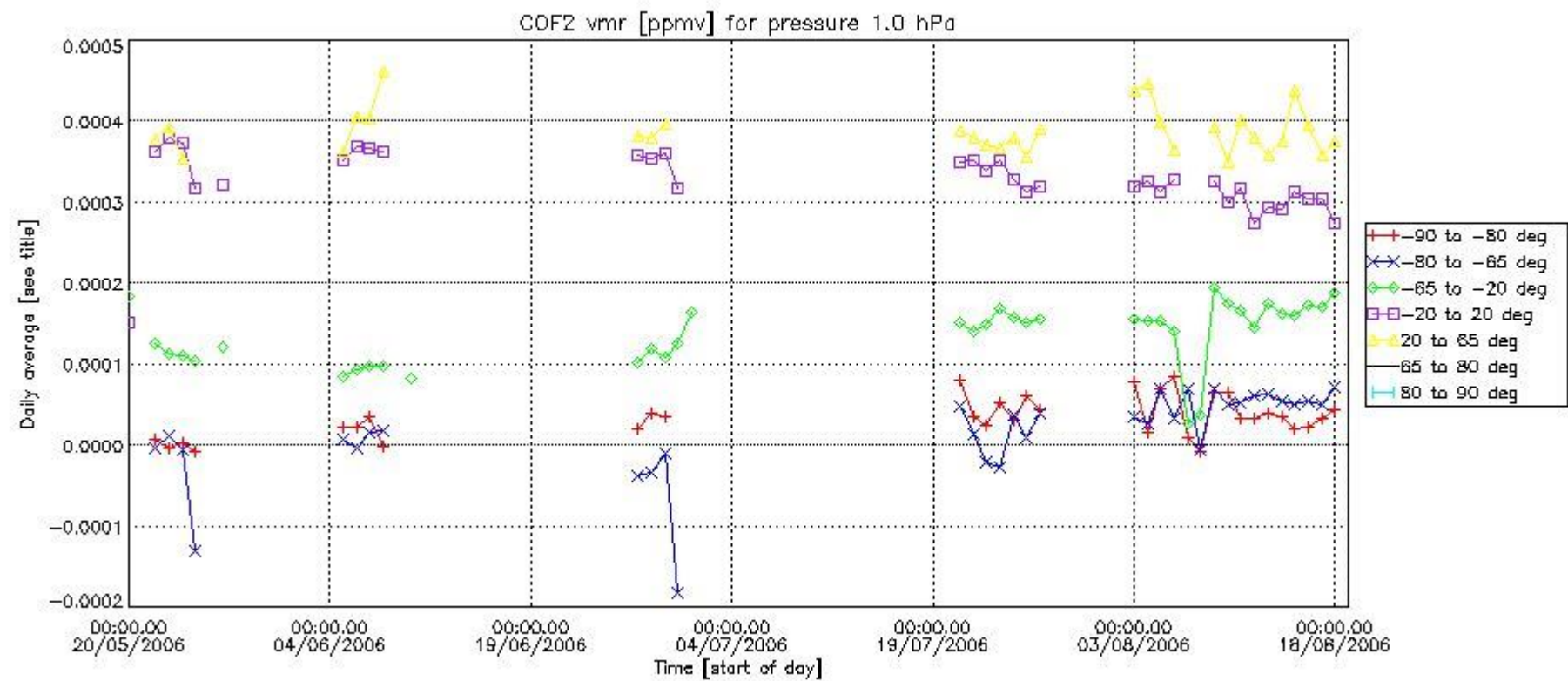


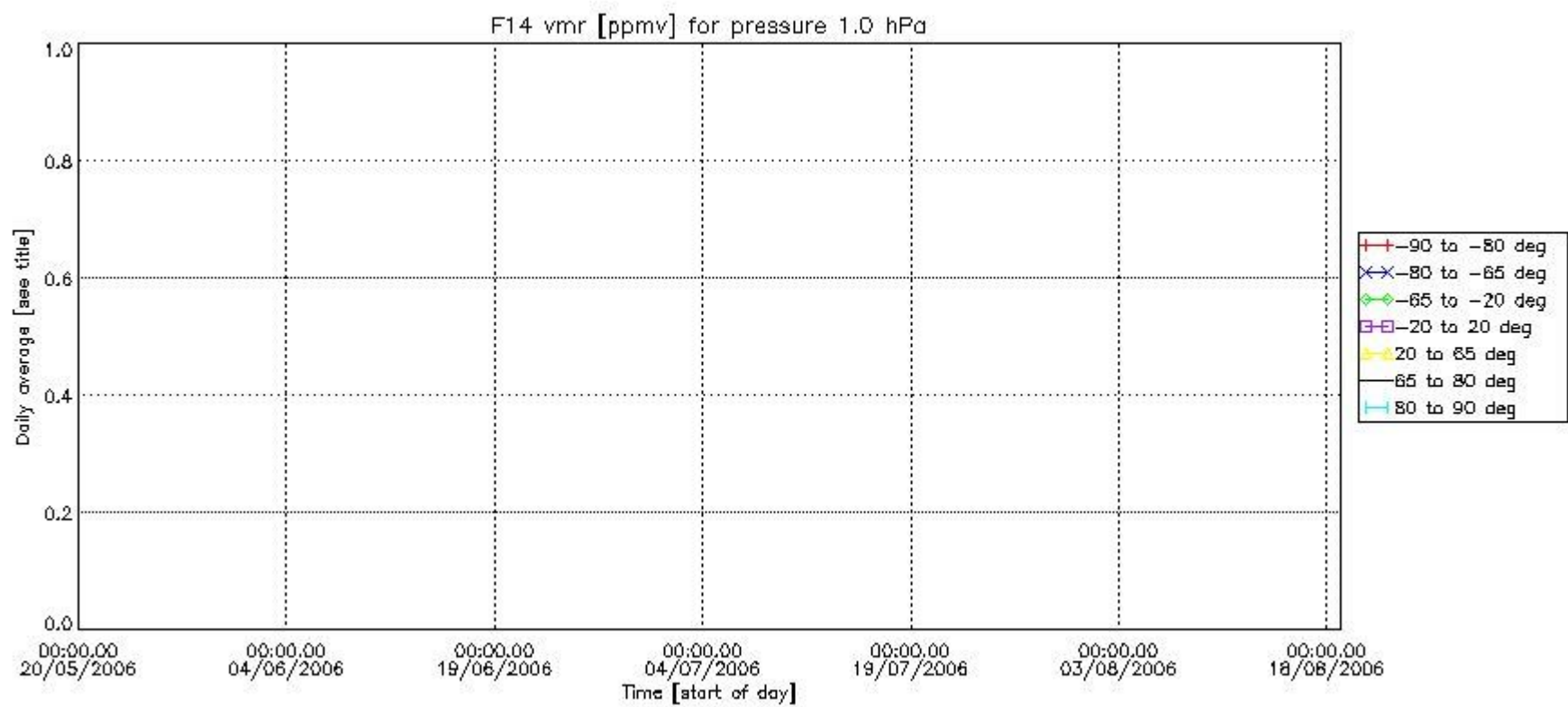
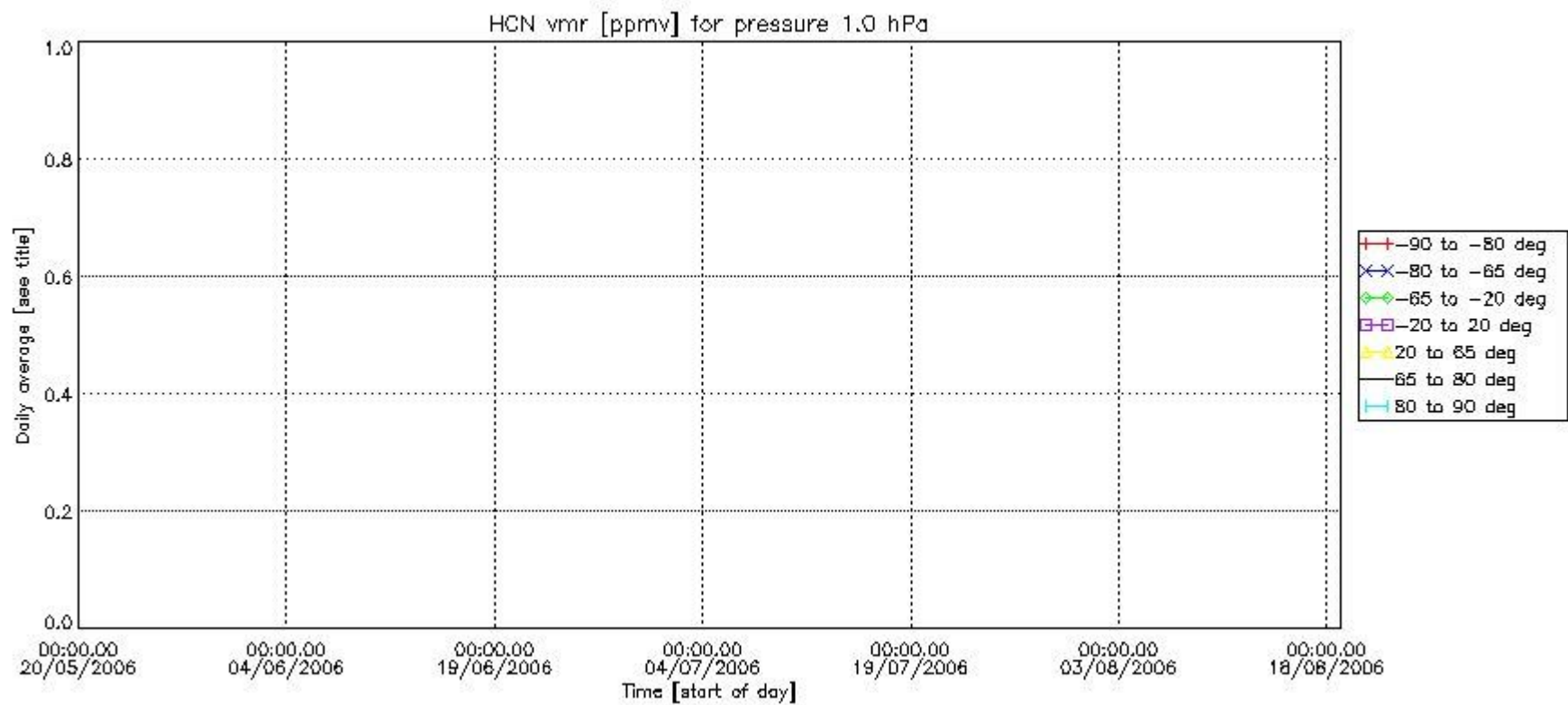


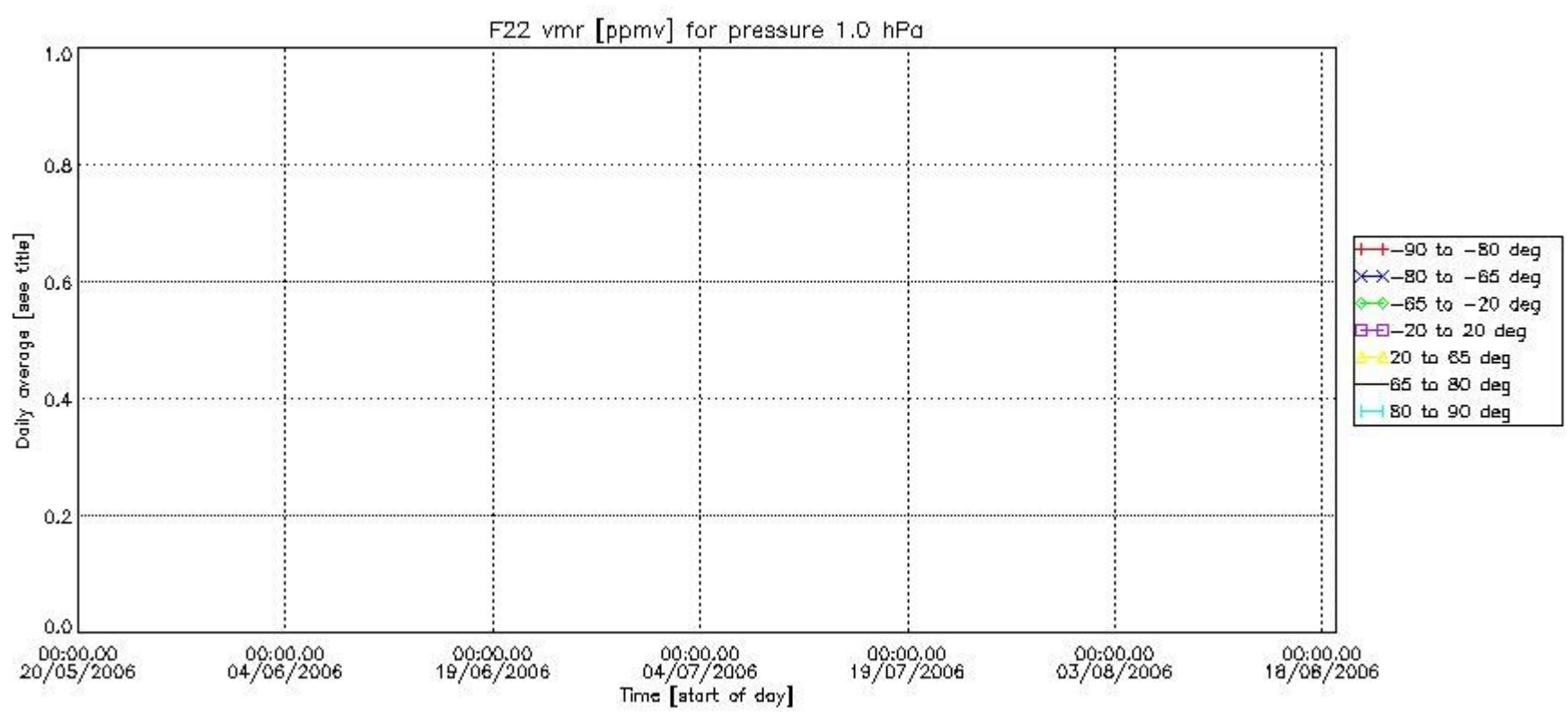












Number of successful retrievals vs. geolocation (\*=day side , triangle=night side).

