

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

(See [mipas\\_daily\\_report\\_level2\\_ML2PP\\_7\\_03\\_W\\_20050818.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	20APR2016 14:45:45
Data source version	ML2PP/7.03-W
Processing scope for products	18AUG2005 00:00:00 to 19AUG2005 00:00:00
Start time of first product within scope	17AUG2005 22:37:46
Stop time of last product within scope	18AUG2005 00:06:36
Total number of level 2 products	1
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__2PWDSI20050817_223746_000053302040_00030_18120_1000.N1	17AUG2005 22:37:46	18AUG2005 00:06:36	0	118/117	VMR_TERM_MACRO_MICRO[CLNO/micro:1; HCN/micro:2]

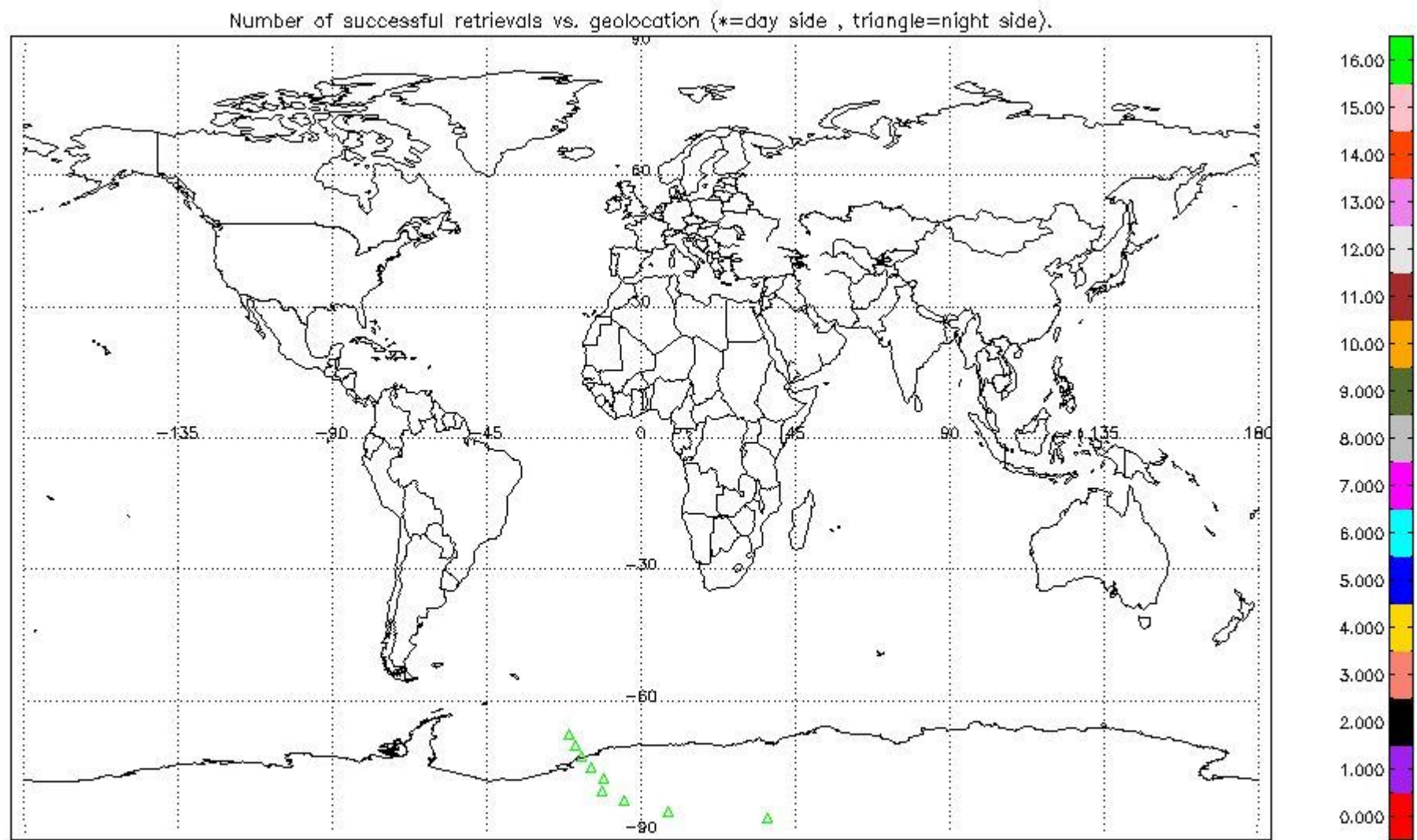
## 2.2 Processing performance indicators

### 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.

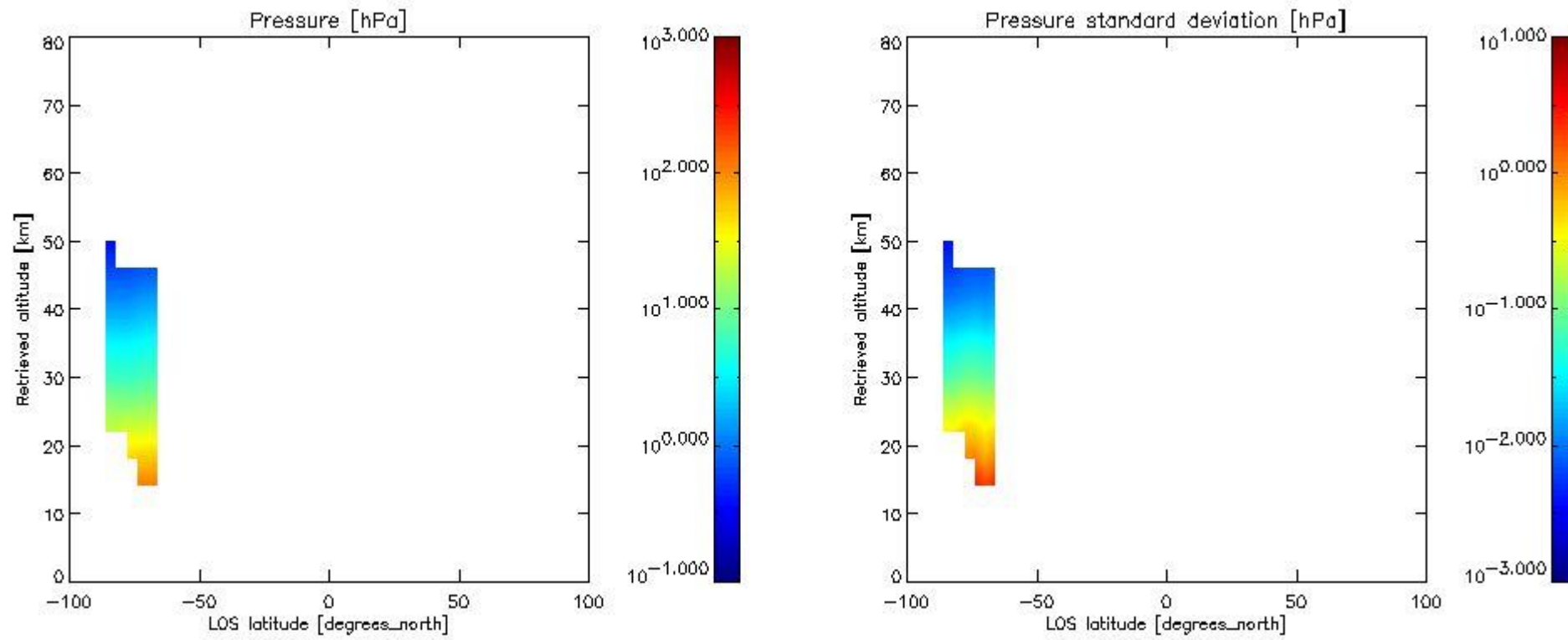
RETRIEVAL MDS	# scans processed	# Successful retrievals	%
PT	117	9	7.6923
H2O	117	9	7.6923
O3	117	9	7.6923
HNO3	117	9	7.6923
CH4	117	9	7.6923
N2O	117	9	7.6923
NO2	117	9	7.6923
F11	117	9	7.6923
CLNO	117	9	7.6923

N2O5	117	9	7.6923
F12	117	9	7.6923
COF2	117	9	7.6923
CCL4	117	9	7.6923
HCN	117	9	7.6923
F14	117	9	7.6923
F22	117	9	7.6923



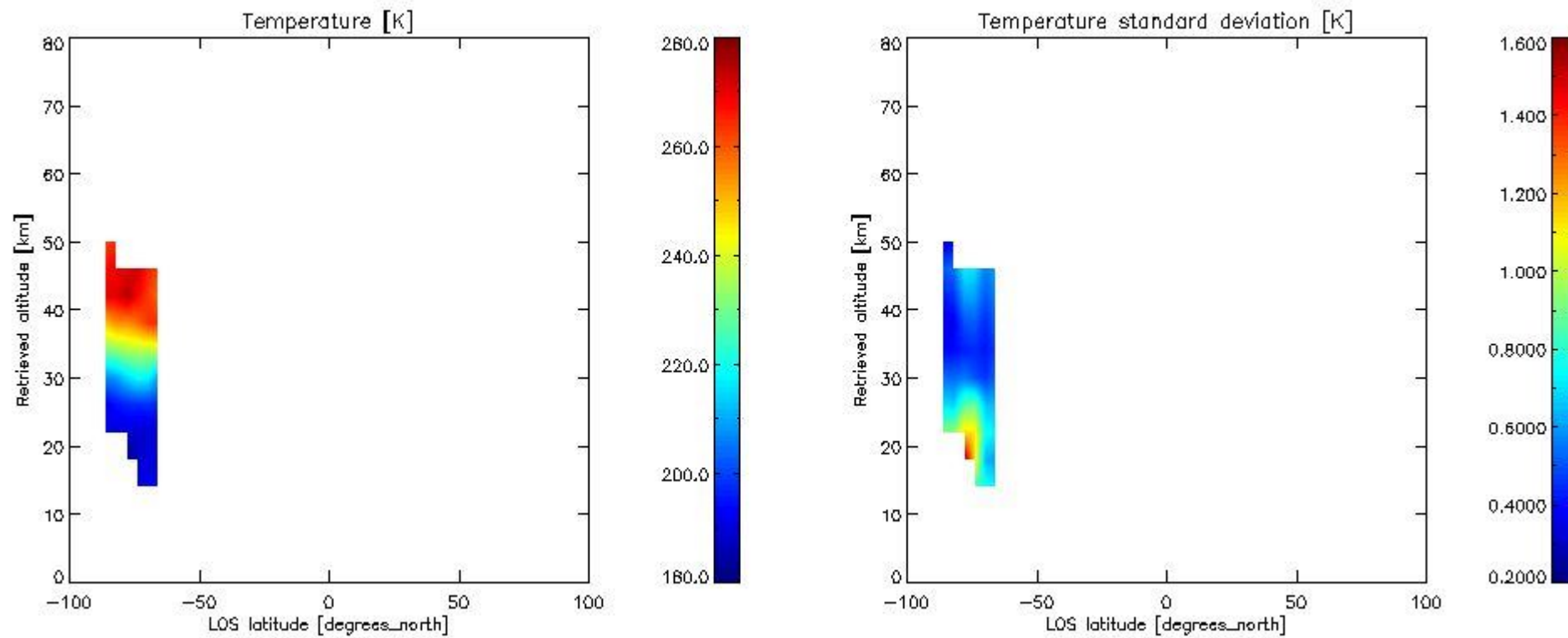
## 2.2.2 Pressure overview

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



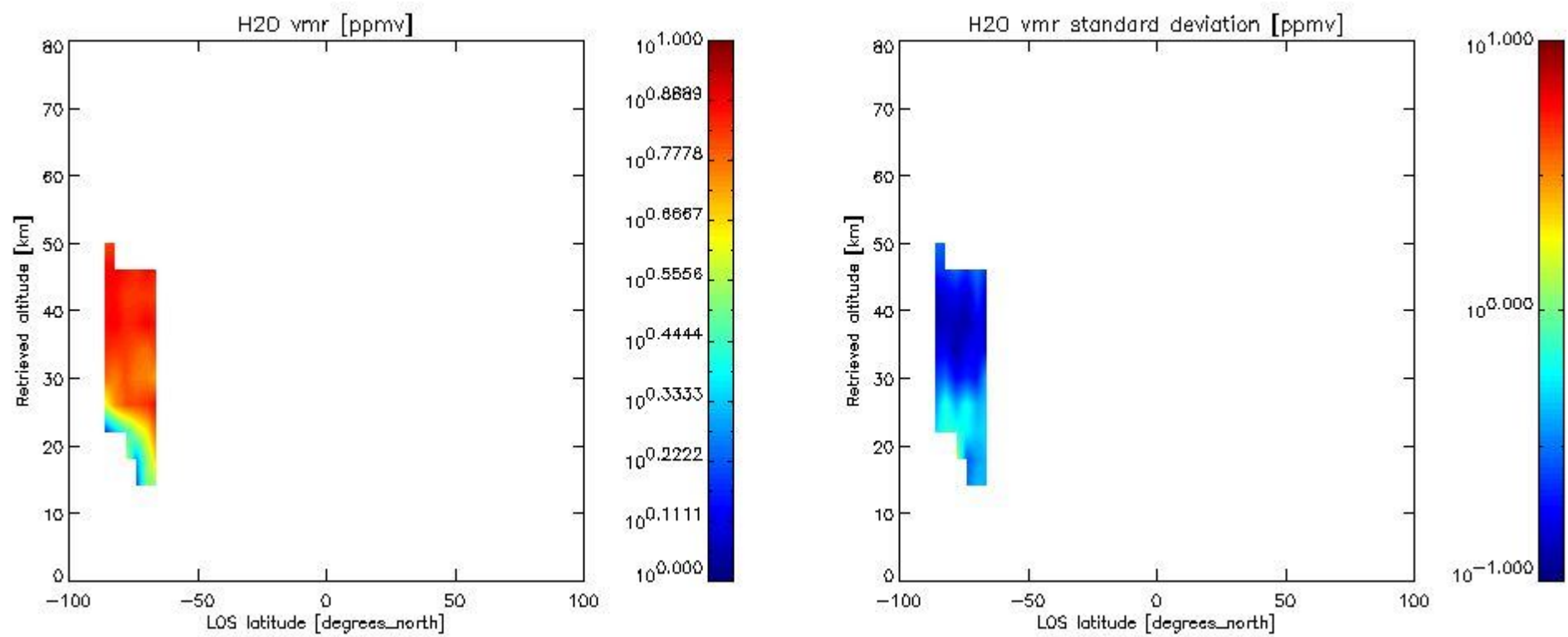
### 2.2.3 Temperature overview

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

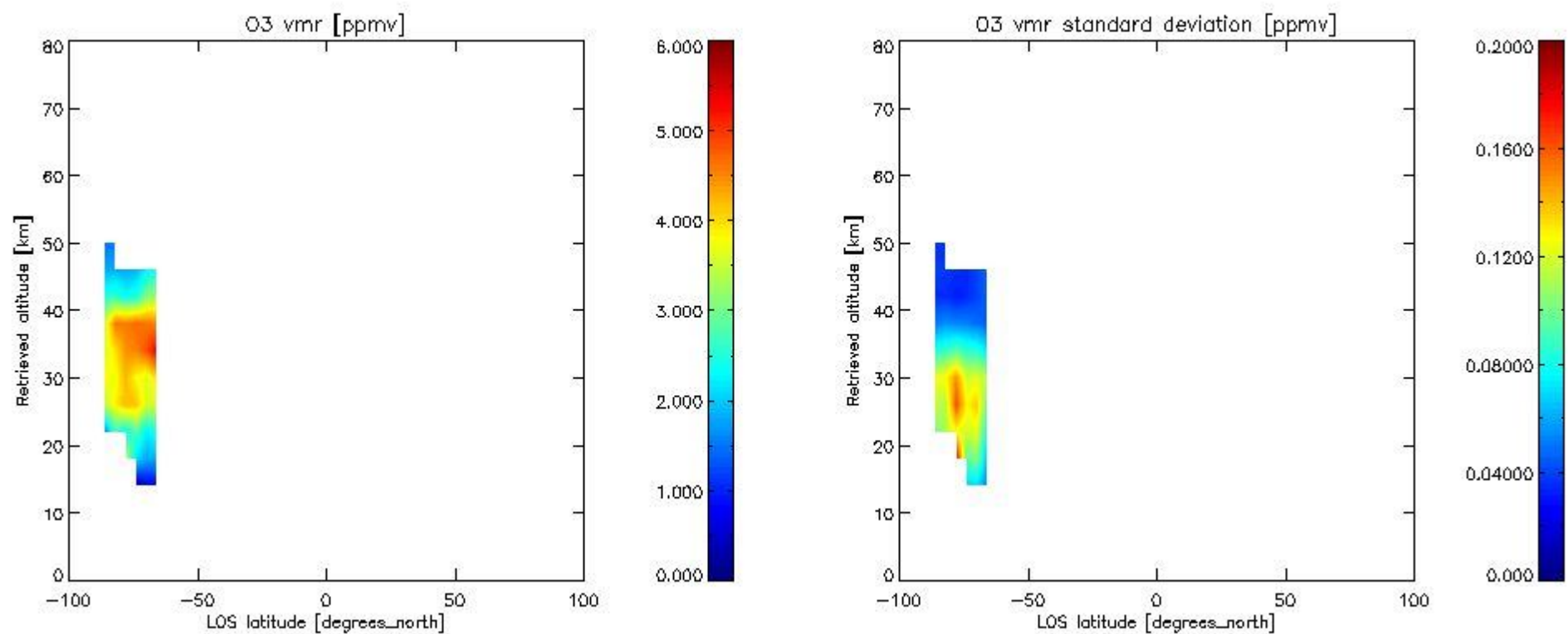


### 2.2.4 Species overview

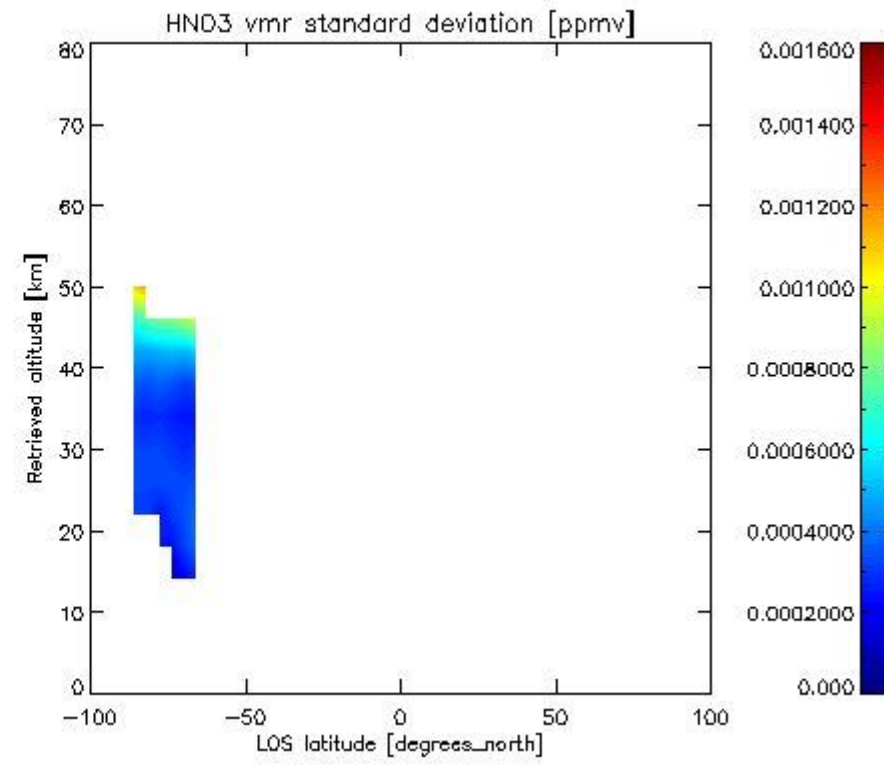
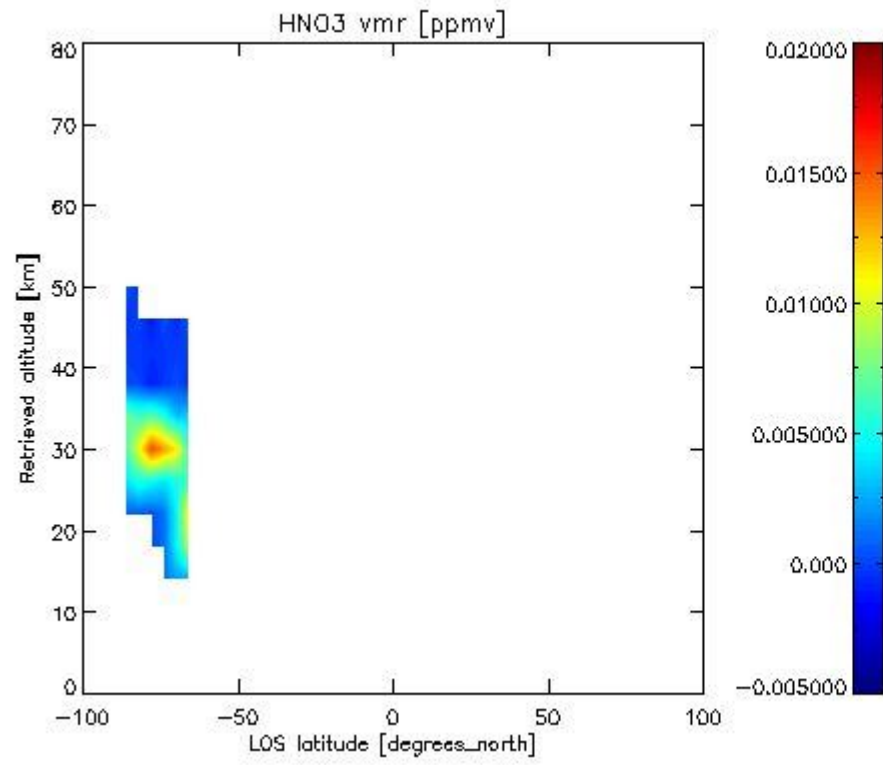
**2.2.4.1 H<sub>2</sub>O overview** This section shows values (left) and error (right) for H<sub>2</sub>O after binning individual sweep values over retrieved altitude and tangent latitude.



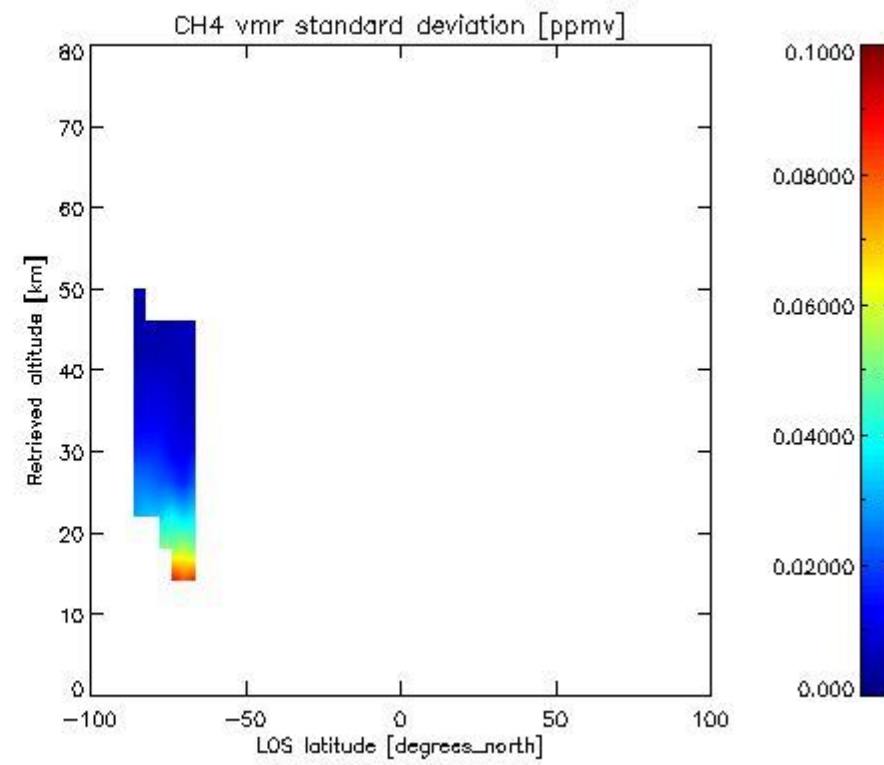
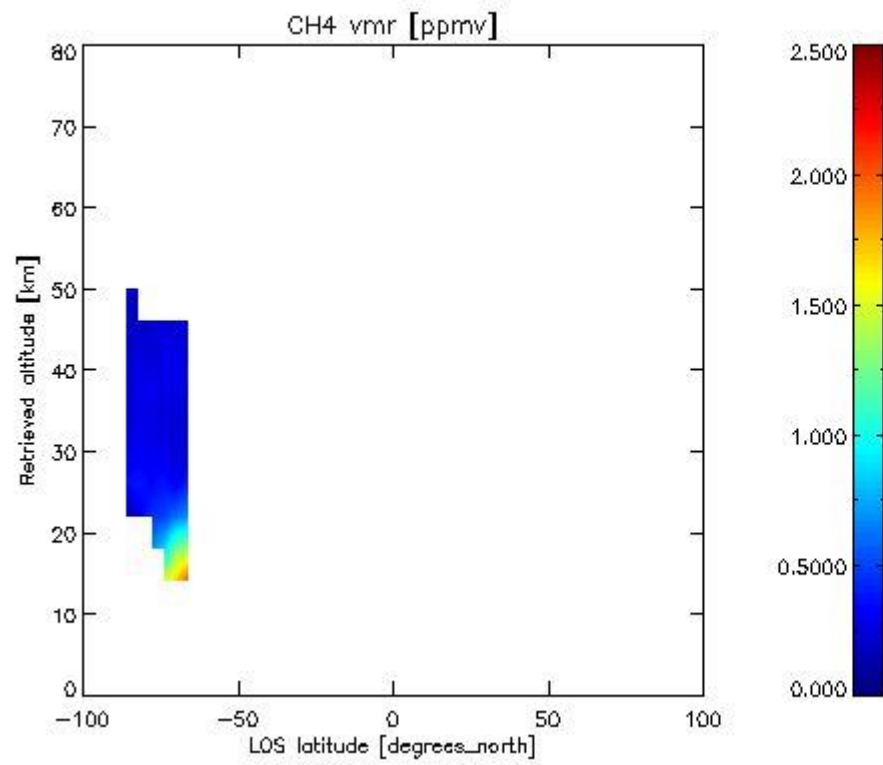
2.2.4.2 O3 overview This section shows values (left) and error (right) for O3 after binning individual sweep values over retrieved altitude and tangent latitude.



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.

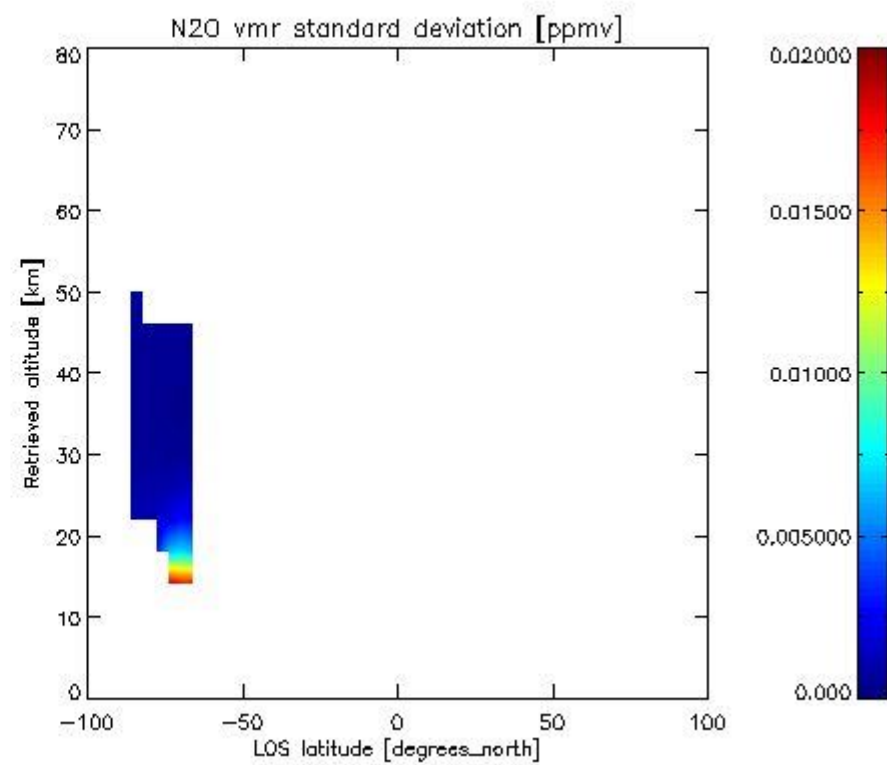
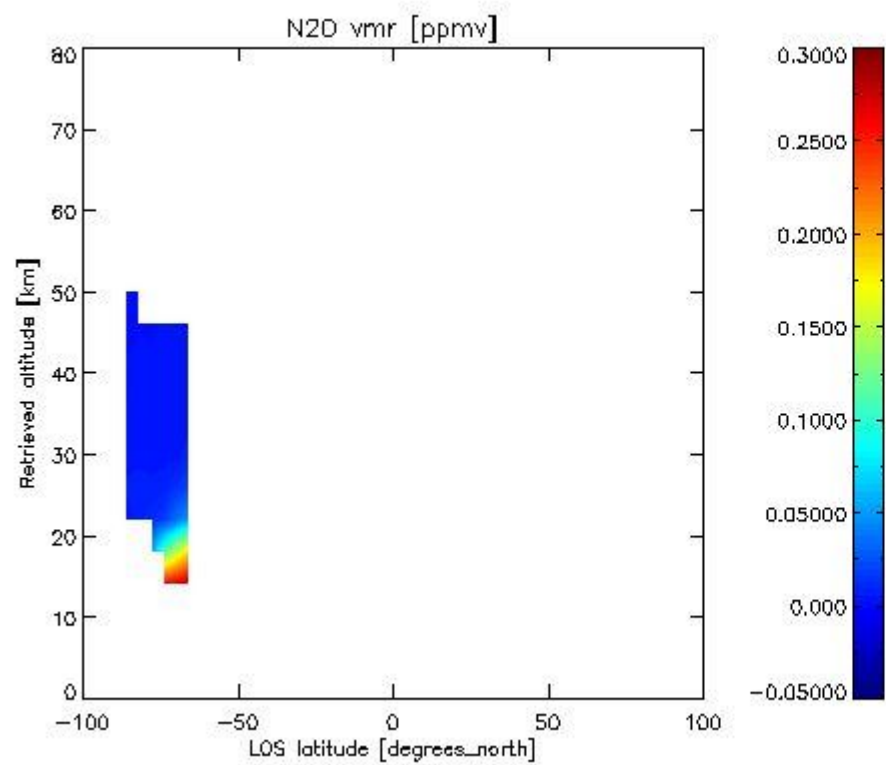


2.2.4.4 CH<sub>4</sub> overview This section shows values (left) and error (right) for CH<sub>4</sub> after binning individual sweep values over retrieved altitude and tangent latitude.

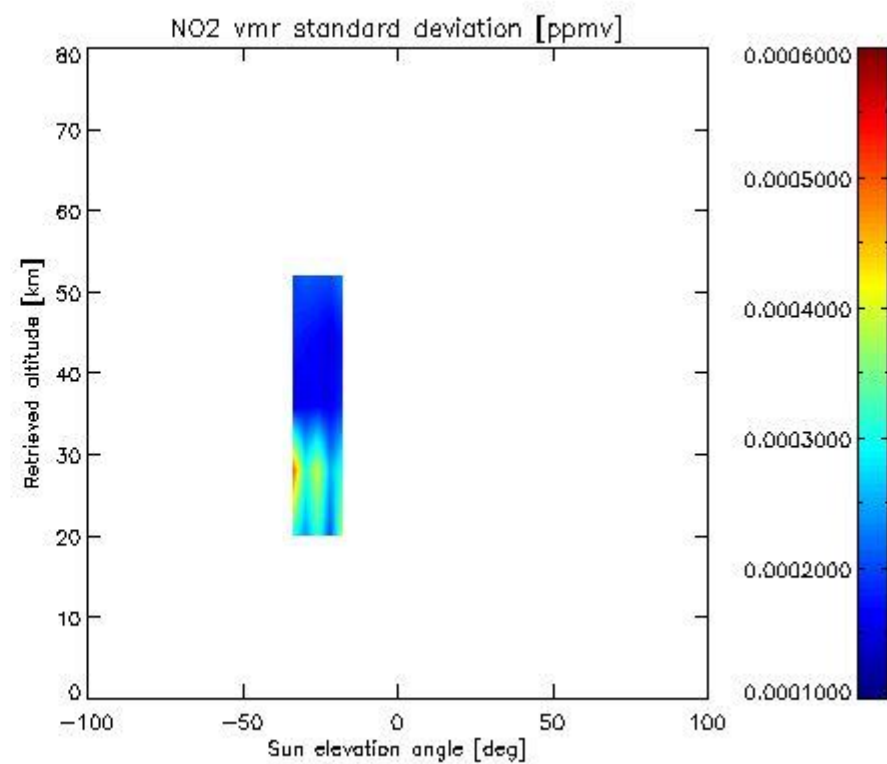
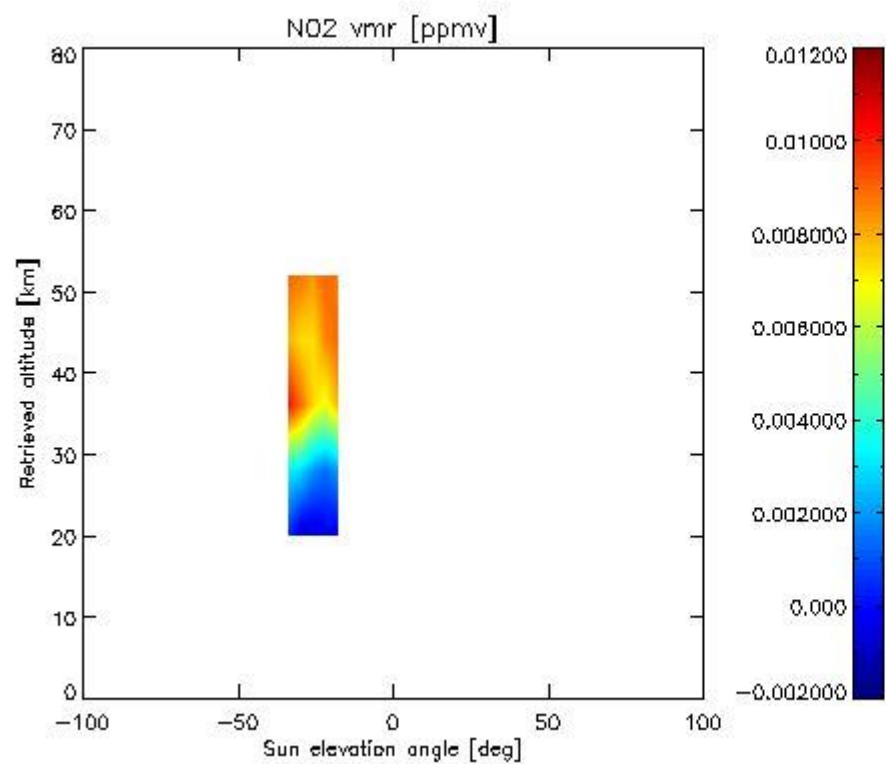


2.2.4.5 N<sub>2</sub>O overview This section shows values (left) and error (right) for N<sub>2</sub>O after binning individual sweep values over retrieved altitude and tangent latitude.

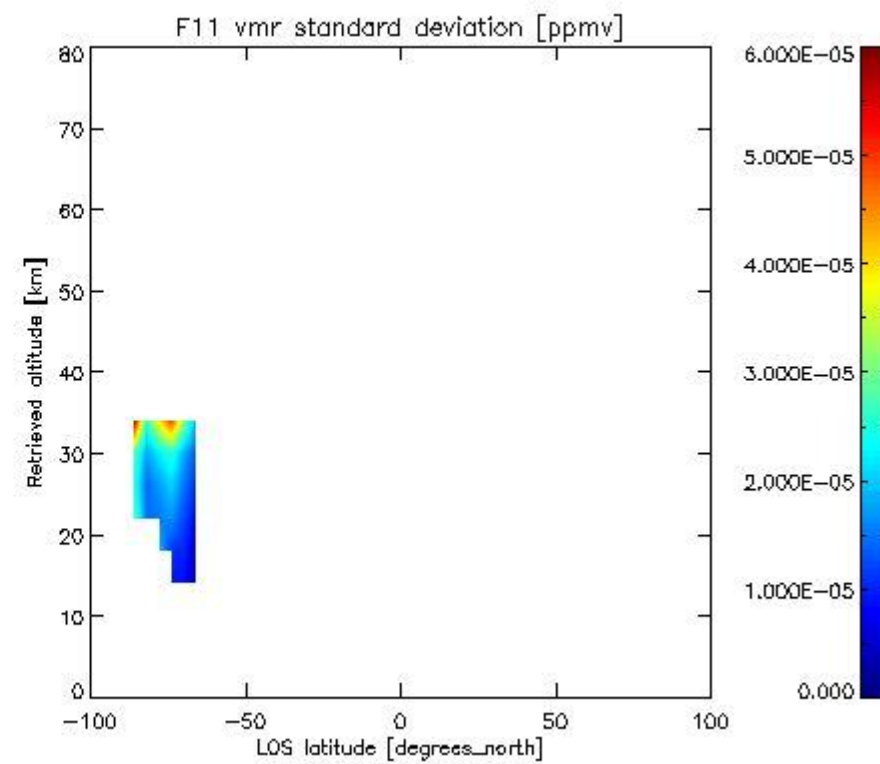
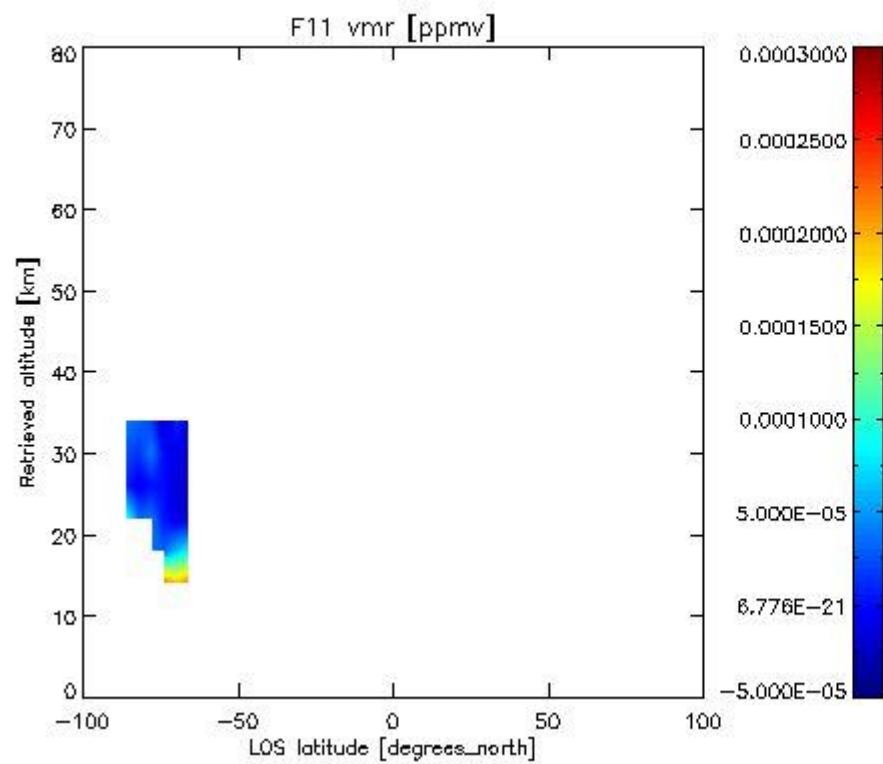




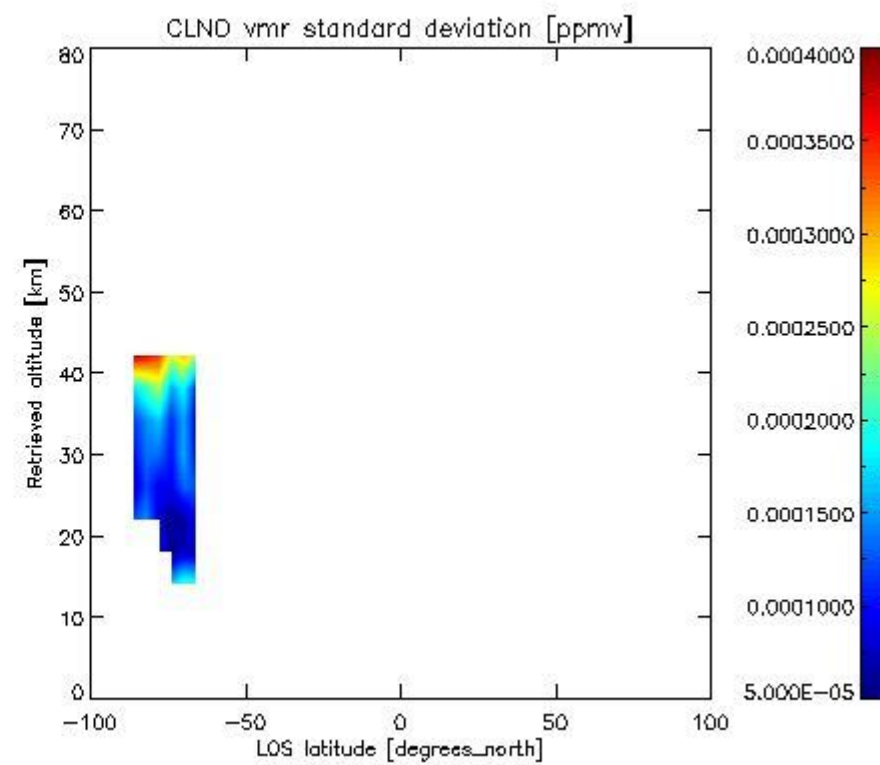
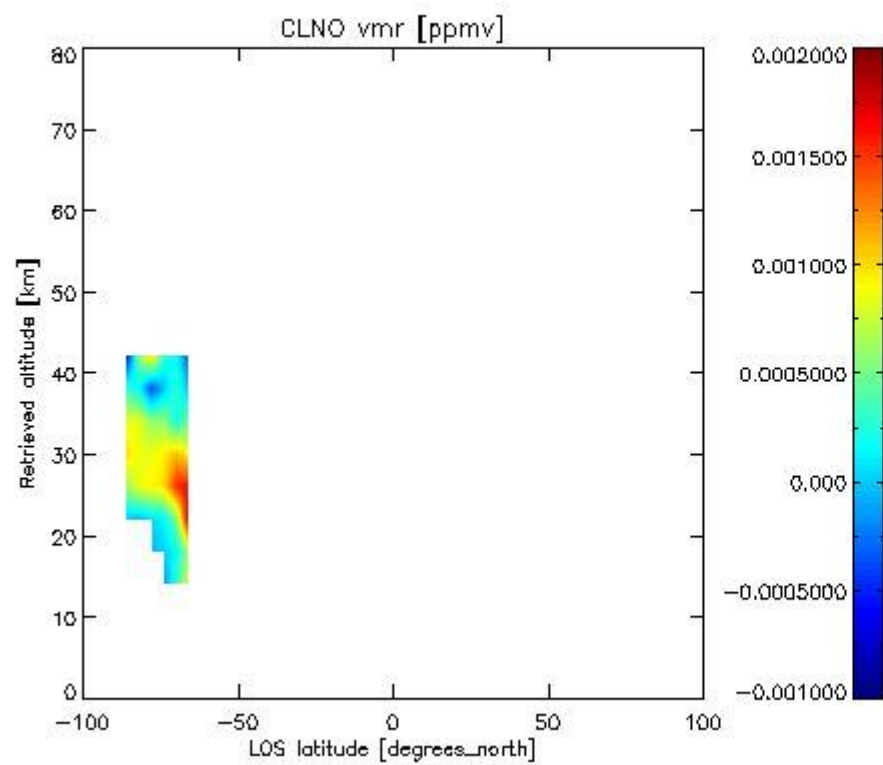
2.2.4.6 NO<sub>2</sub> overview This section shows values (left) and error (right) for NO<sub>2</sub> after binning individual sweep values over retrieved altitude and Sun Elevation Angle. Note that for NO<sub>2</sub> the bin heights are 6 km.

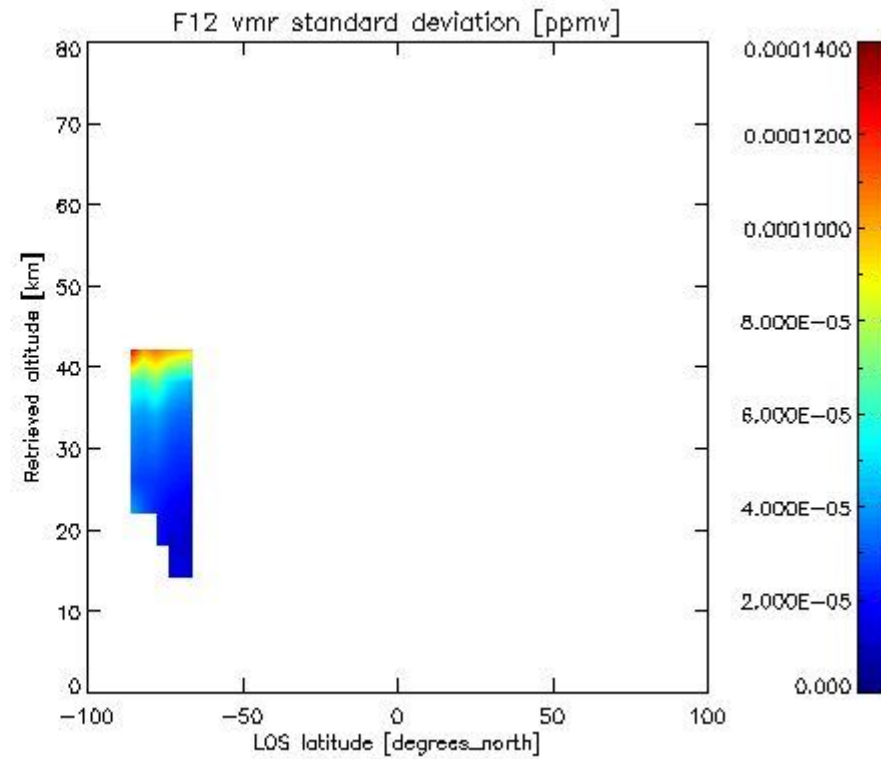
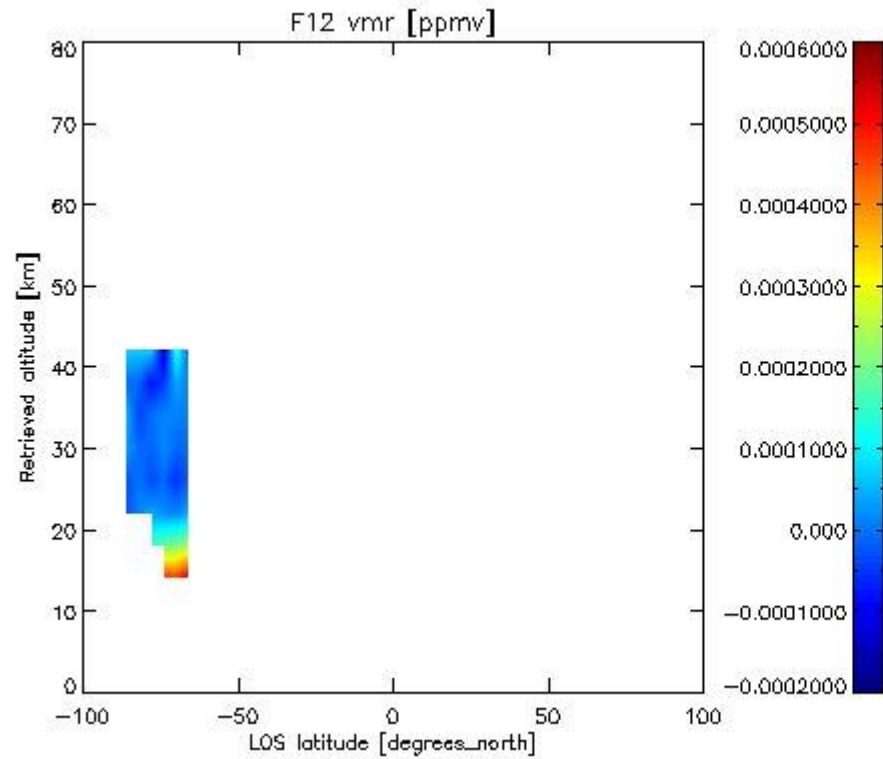
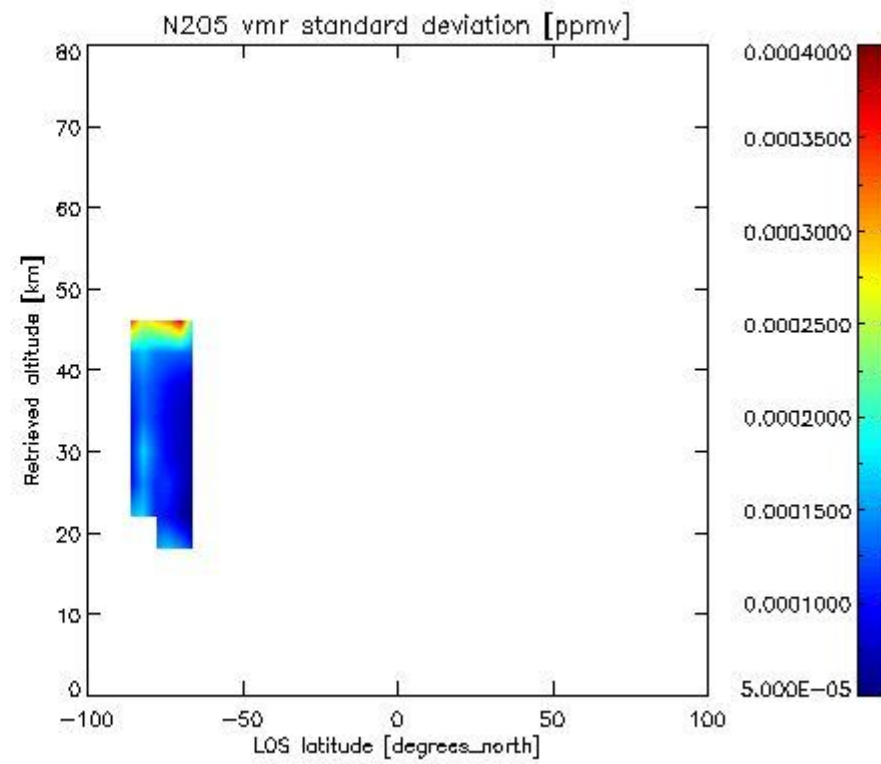
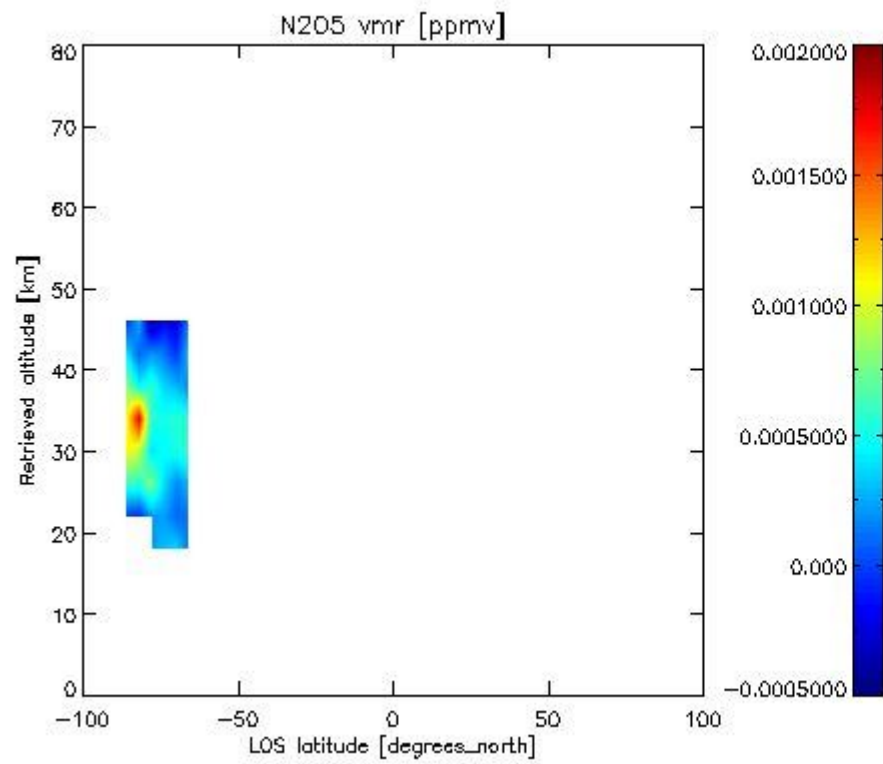


2.2.4.7 F11 overview This section shows values (left) and error (right) for F11 after binning individual sweep values over retrieved altitude and tangent latitude.

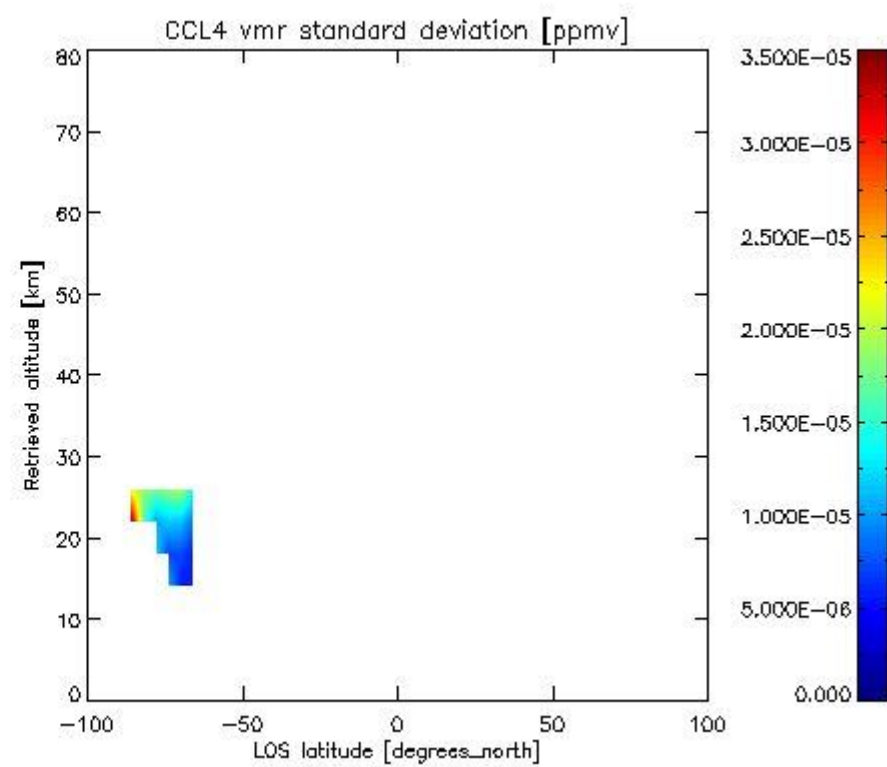
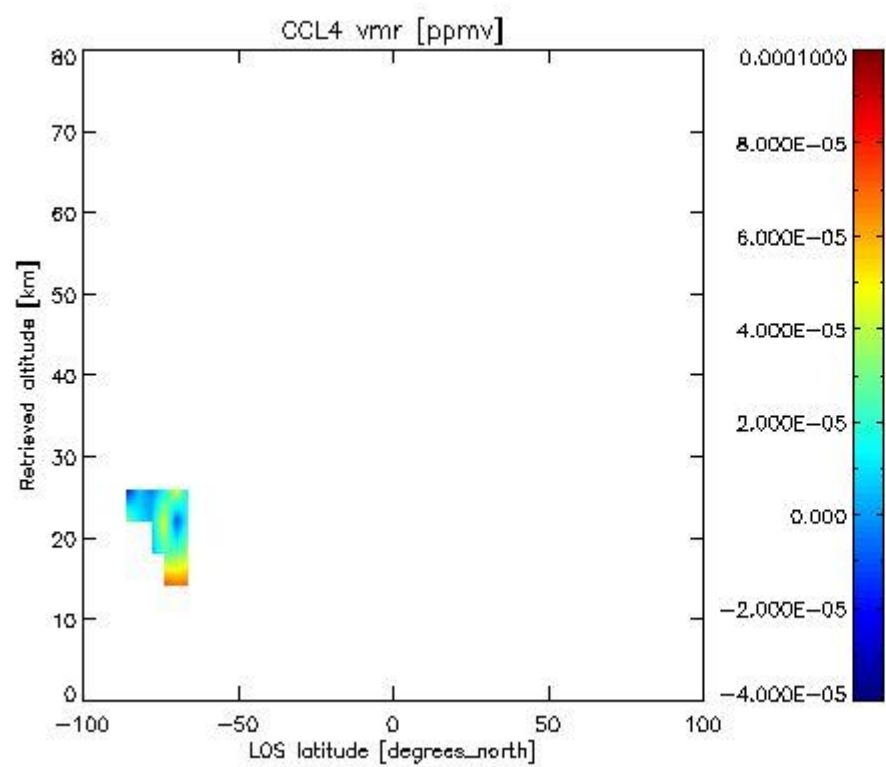
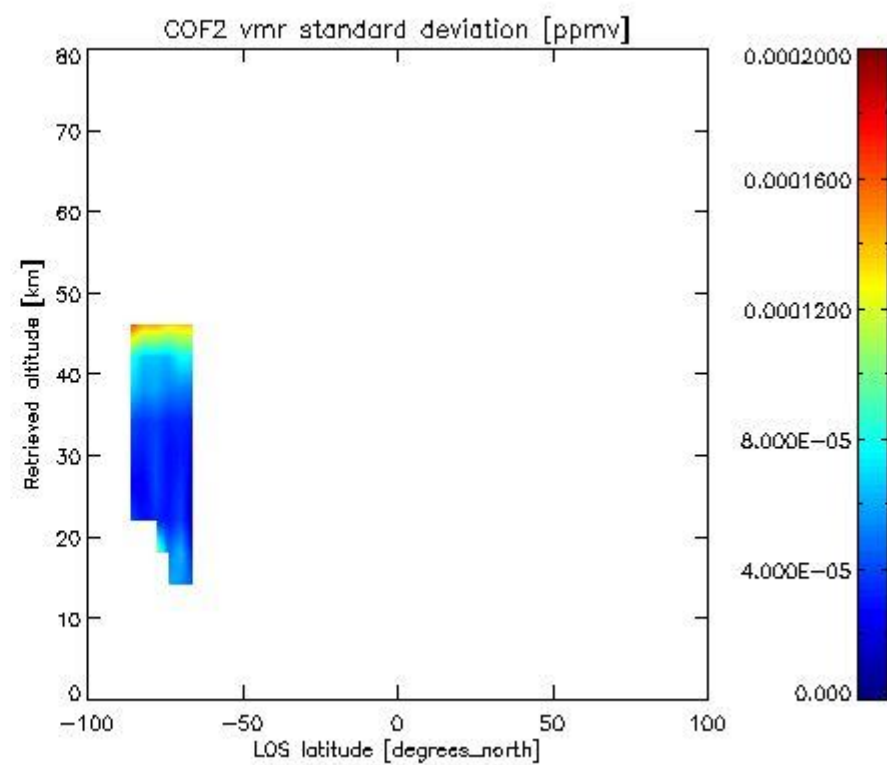
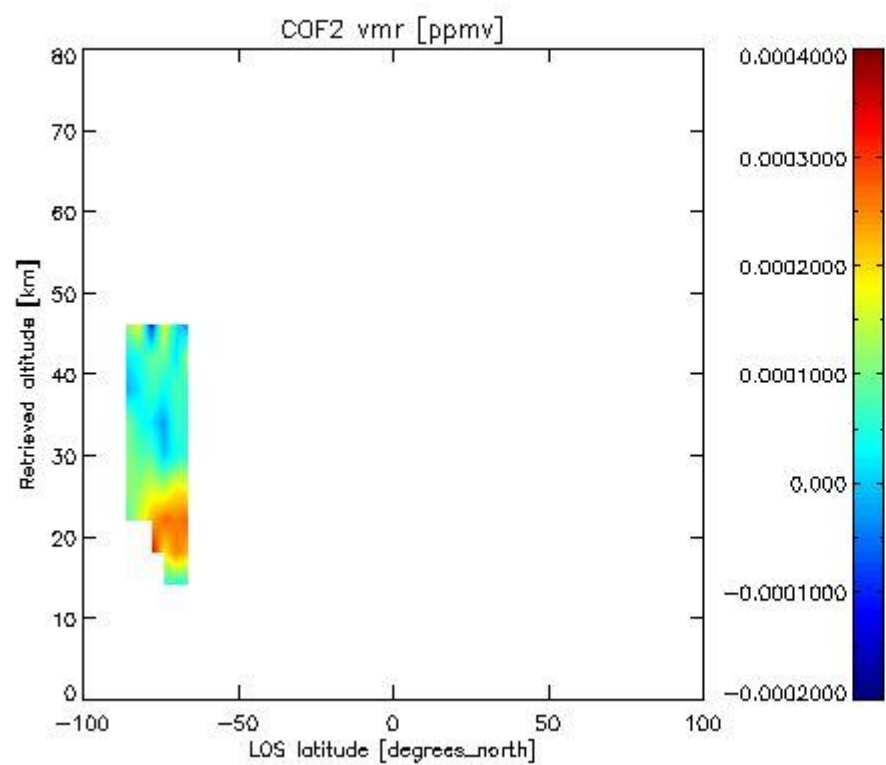


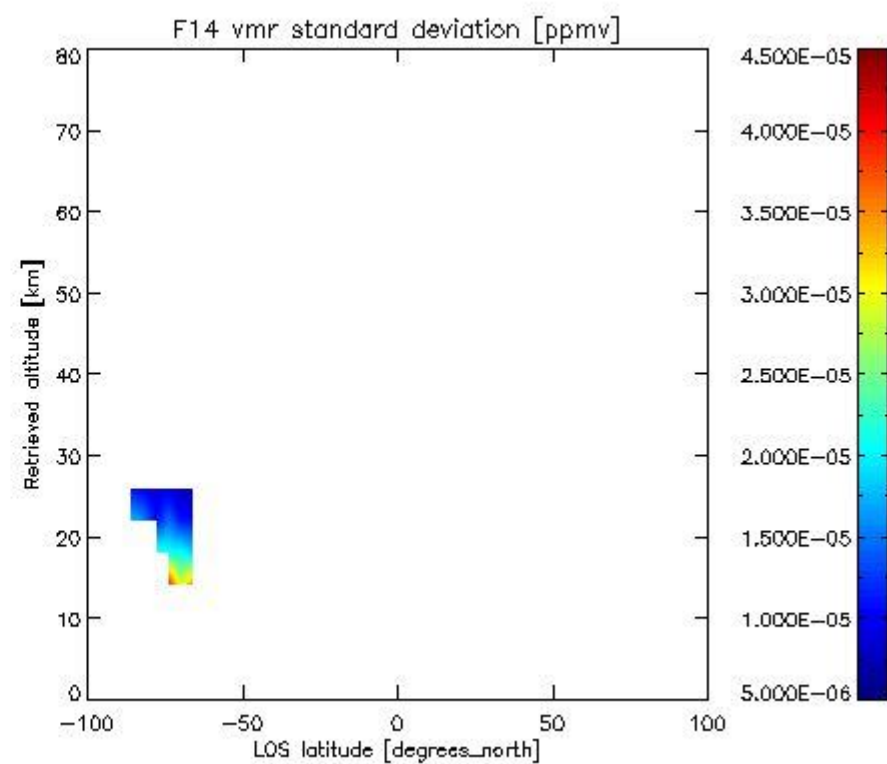
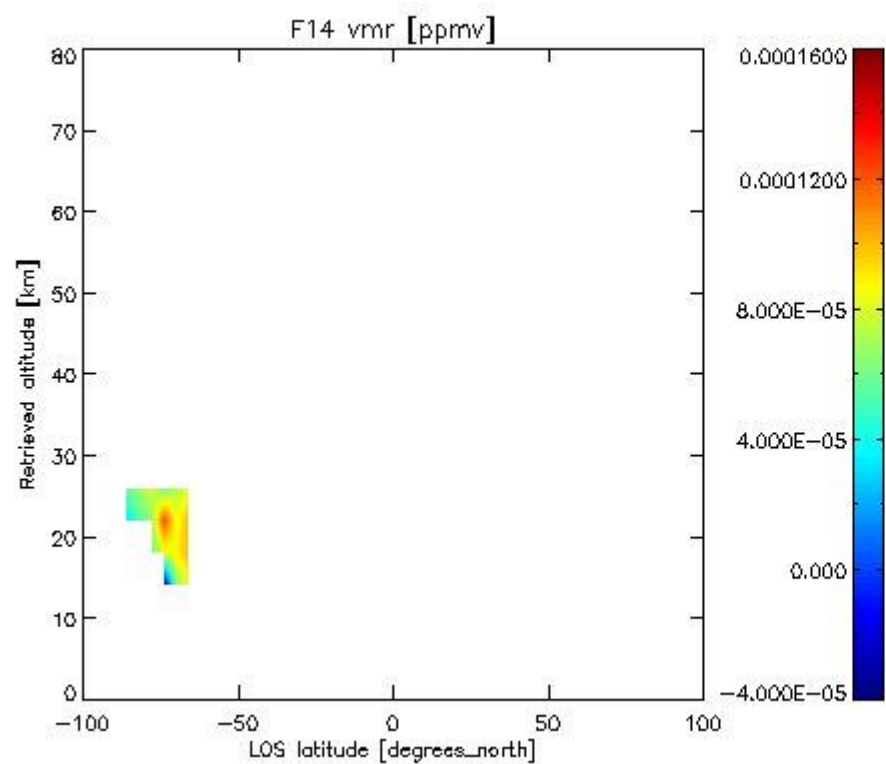
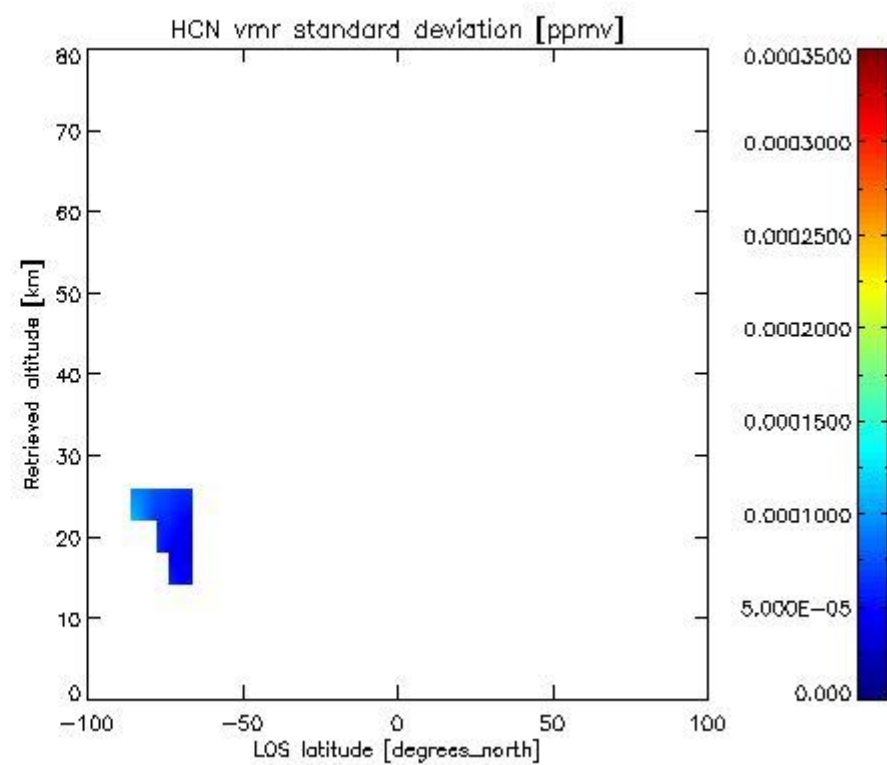
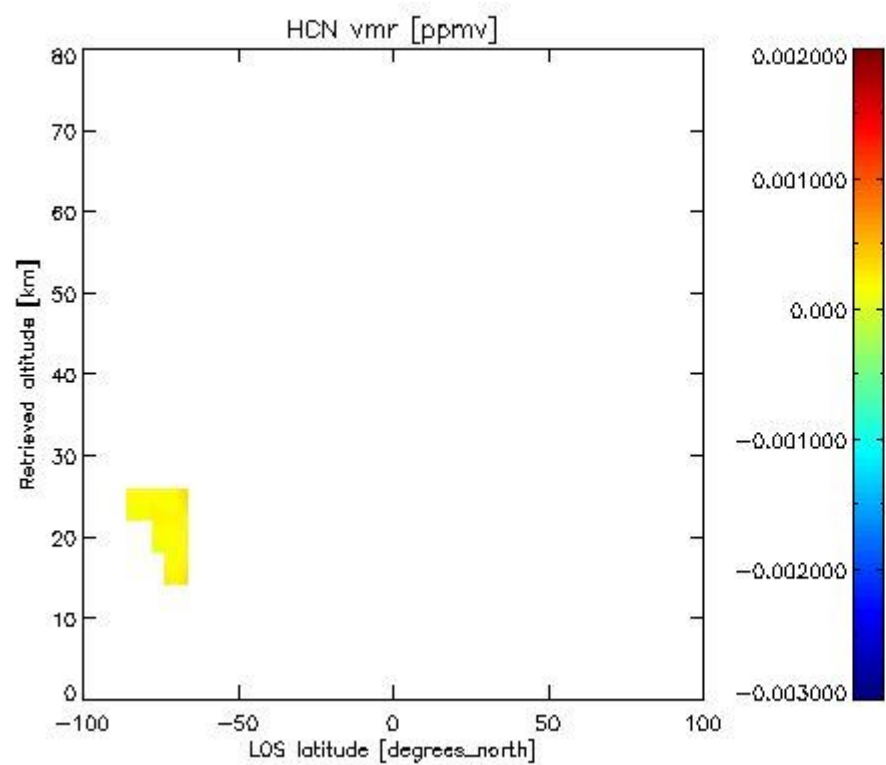
2.3.4 CLNO overview This section shows values (left) and error (right) for CLNO after binning individual sweep values over retrieved altitude and target latitude.

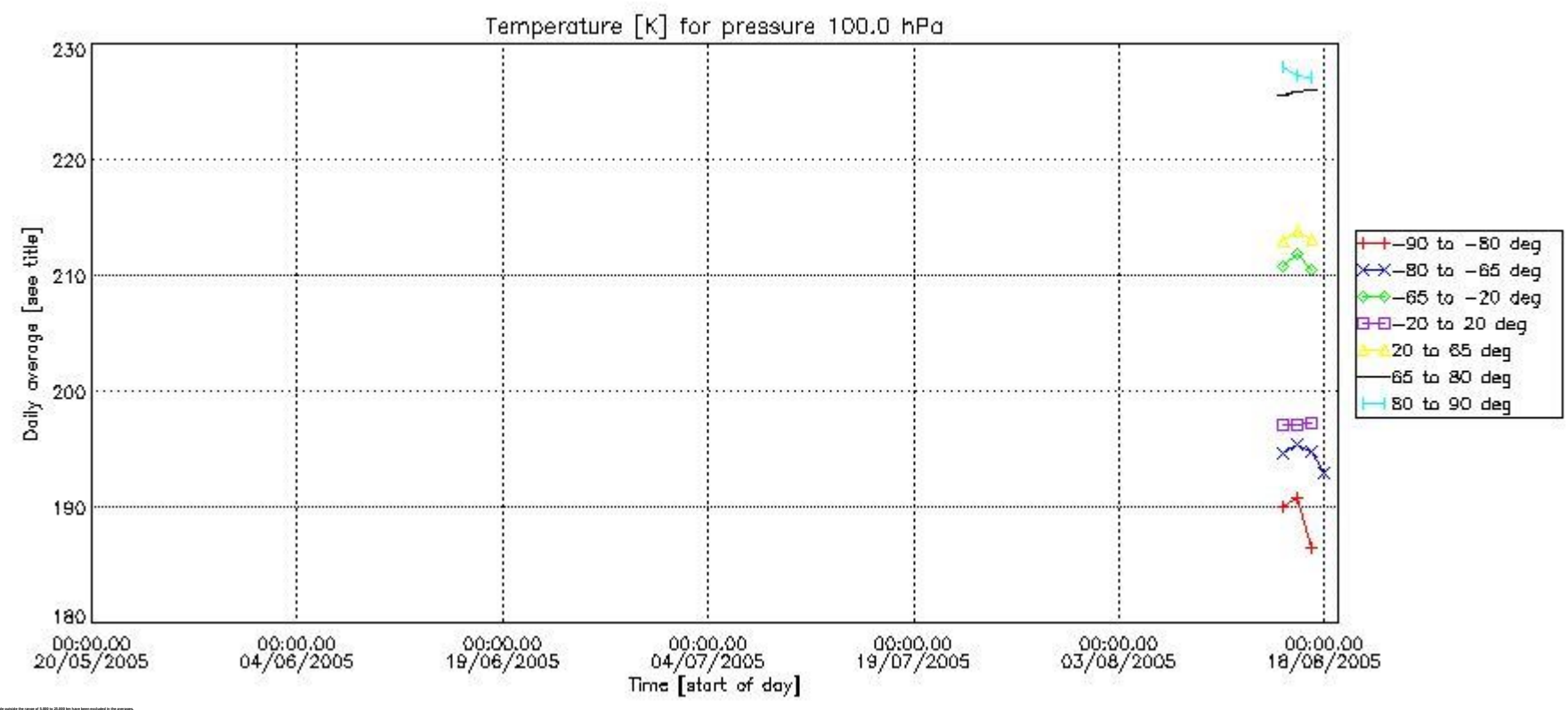
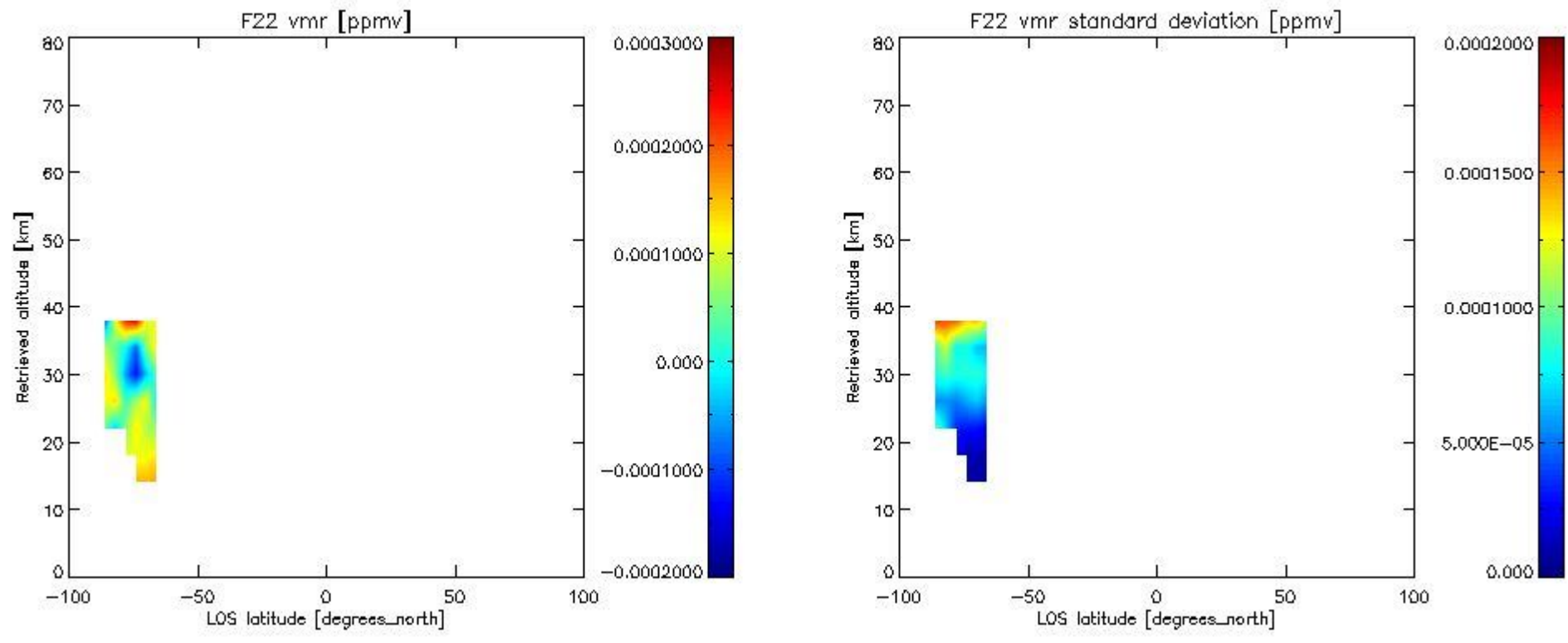


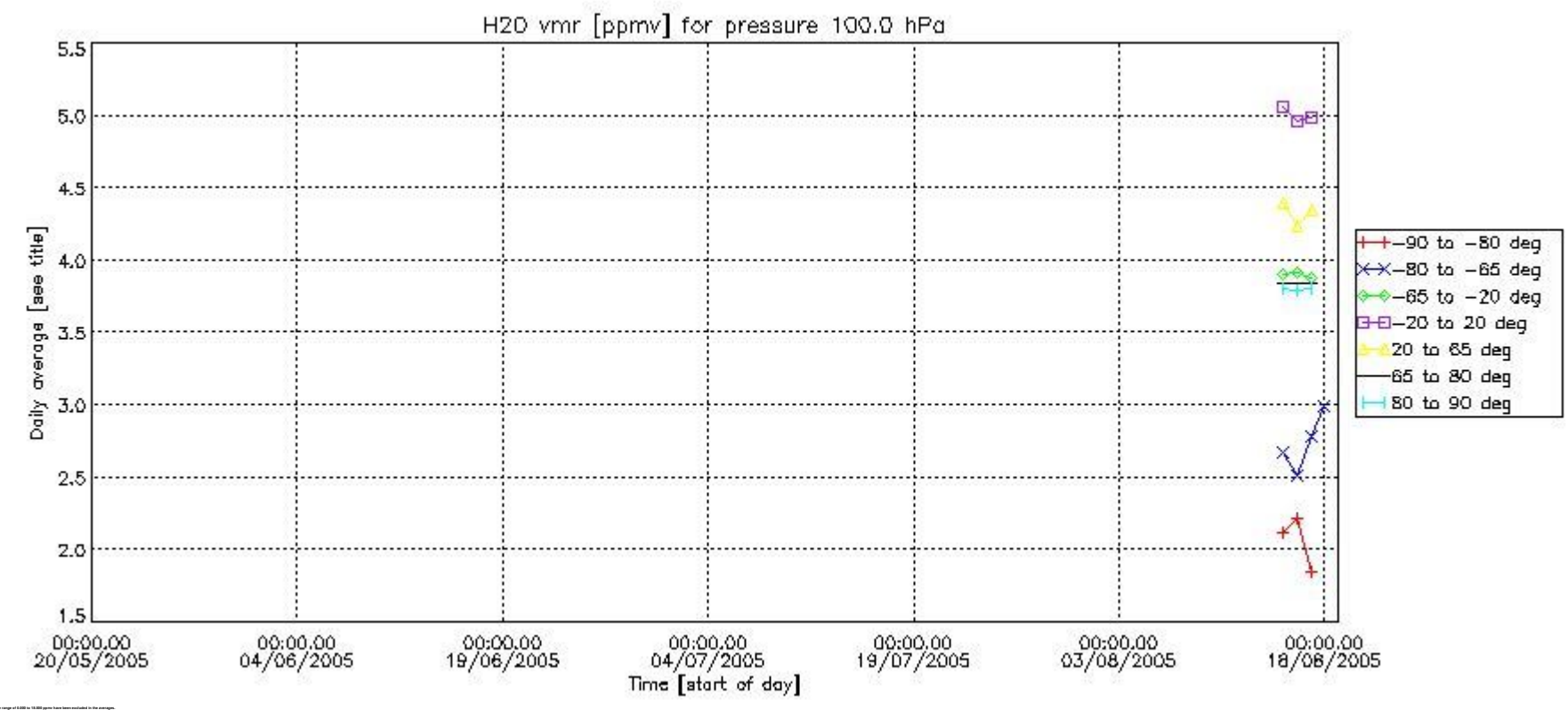
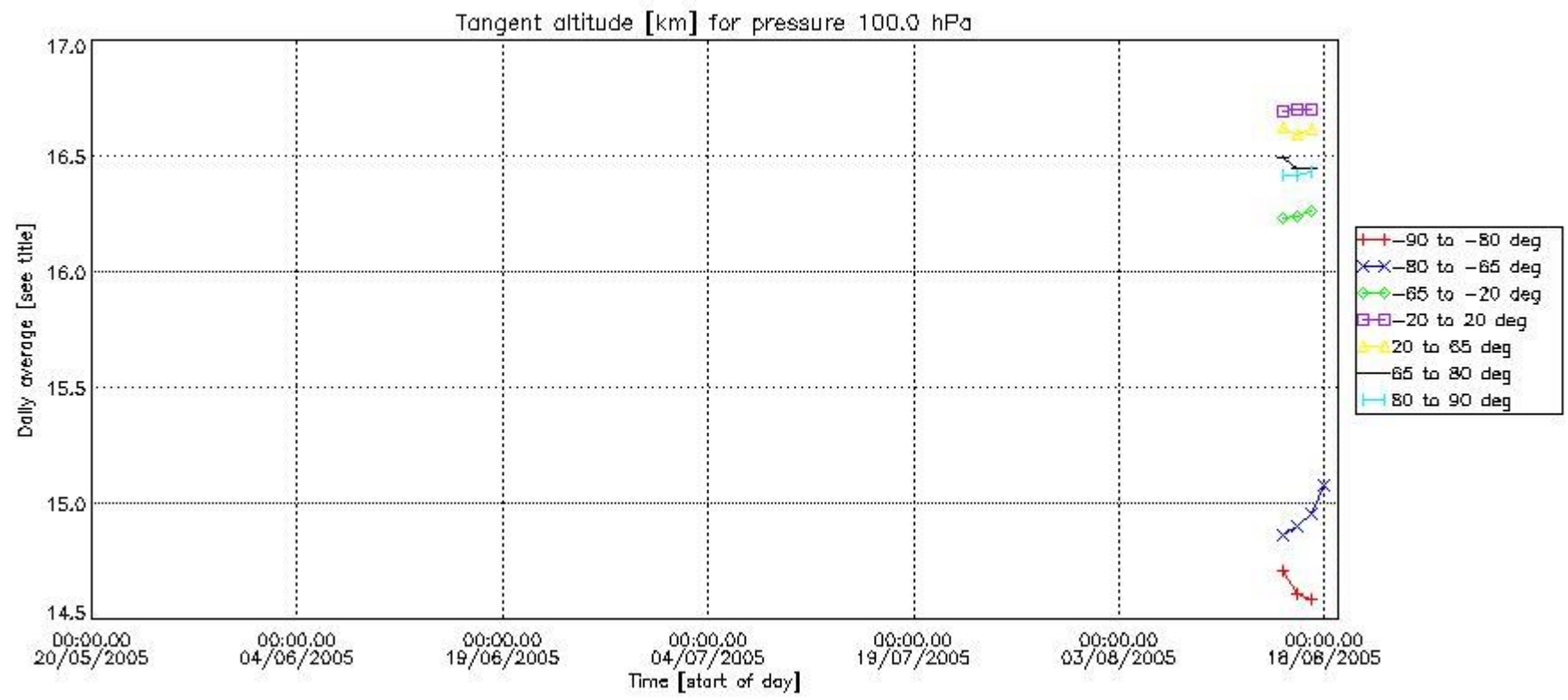


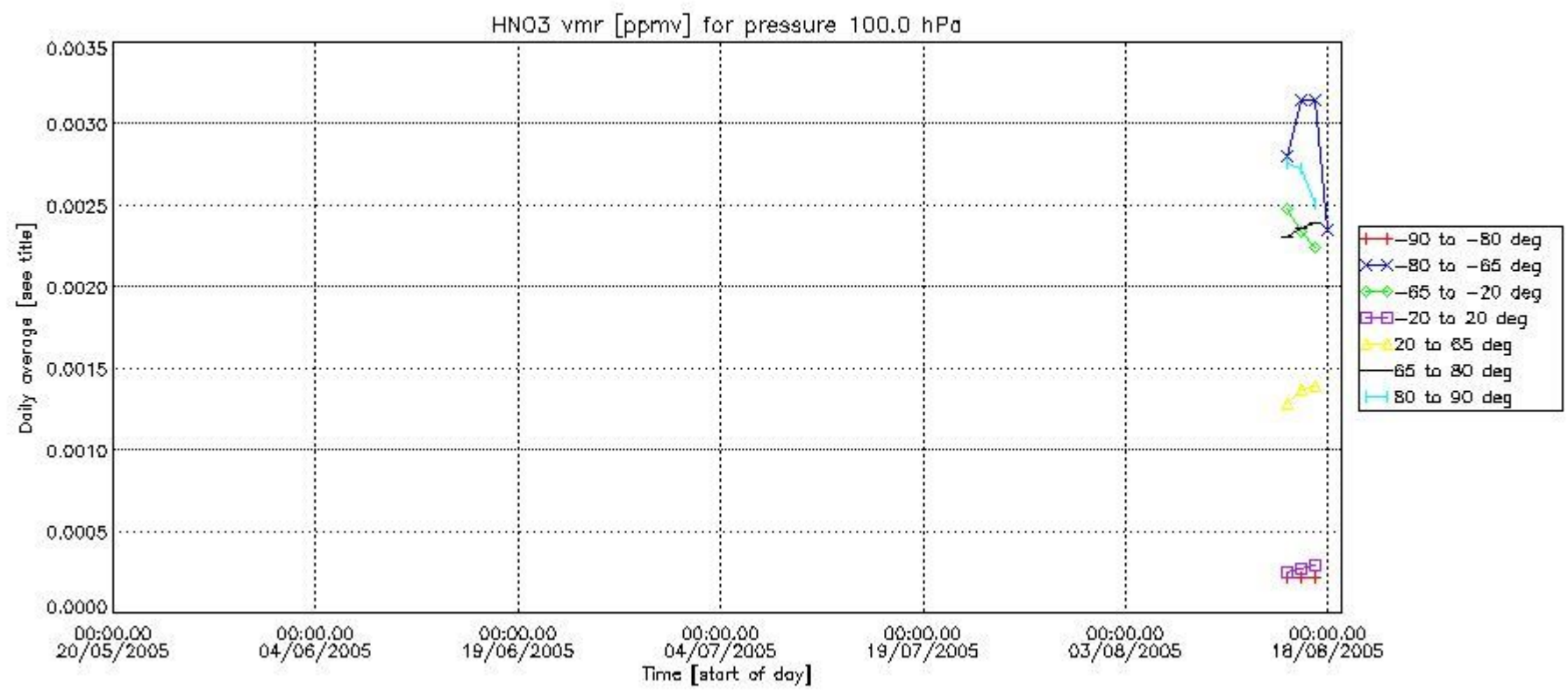
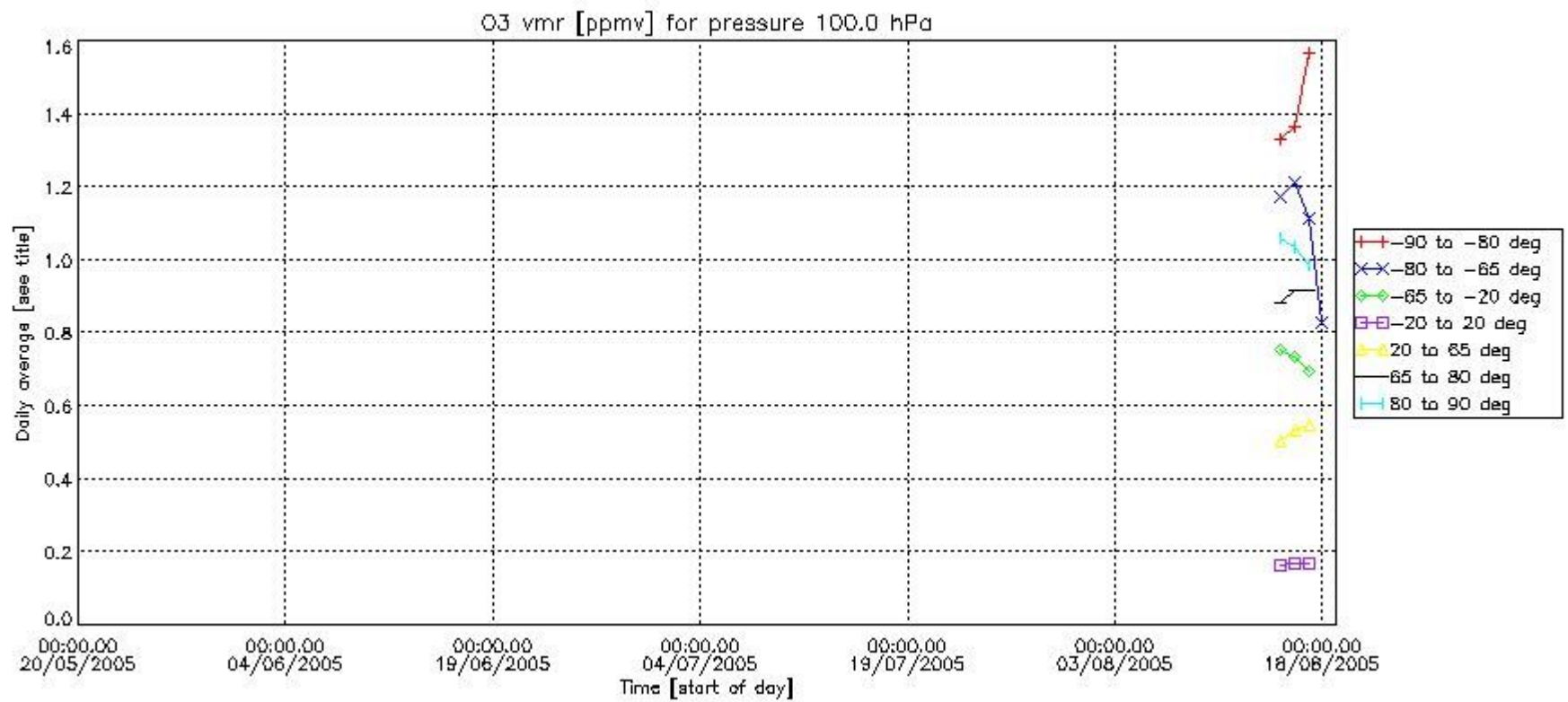




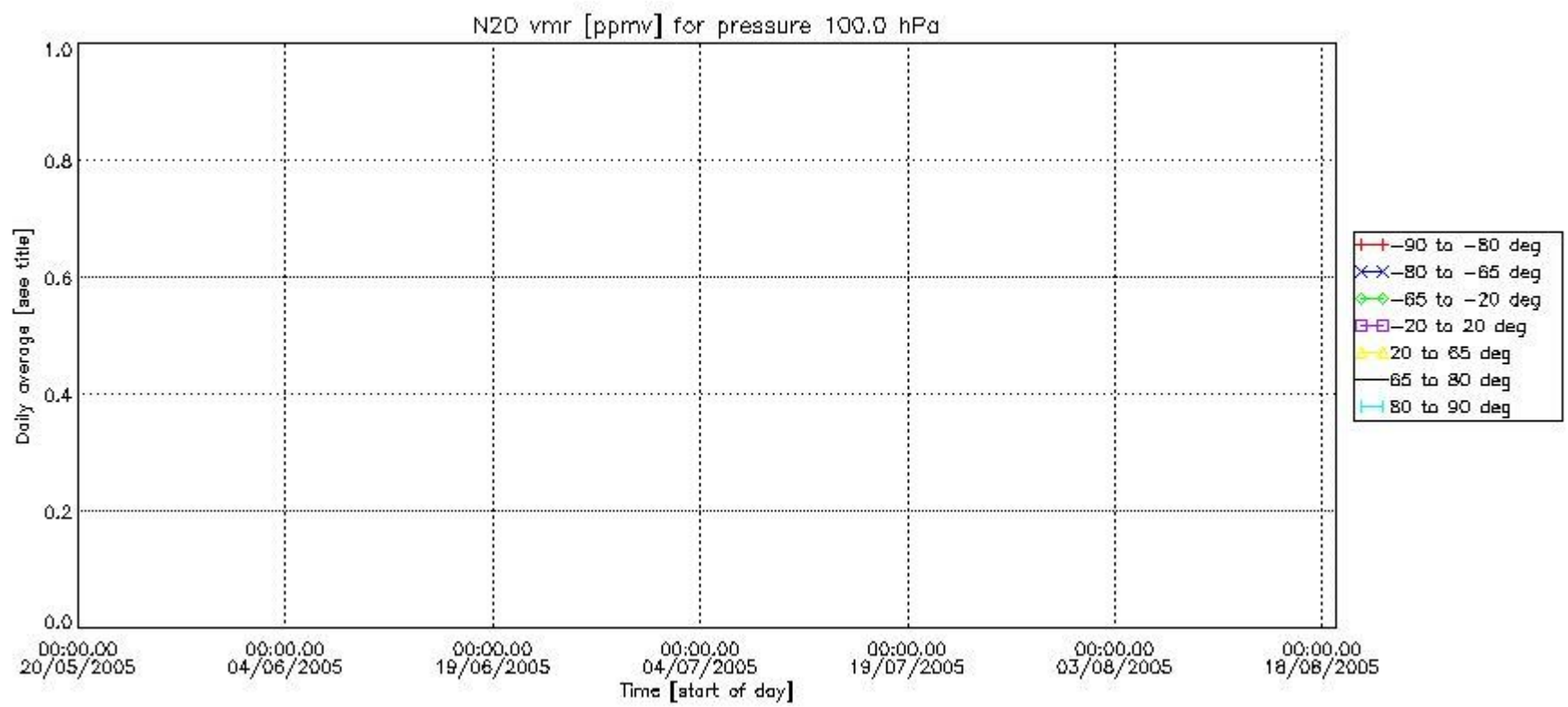
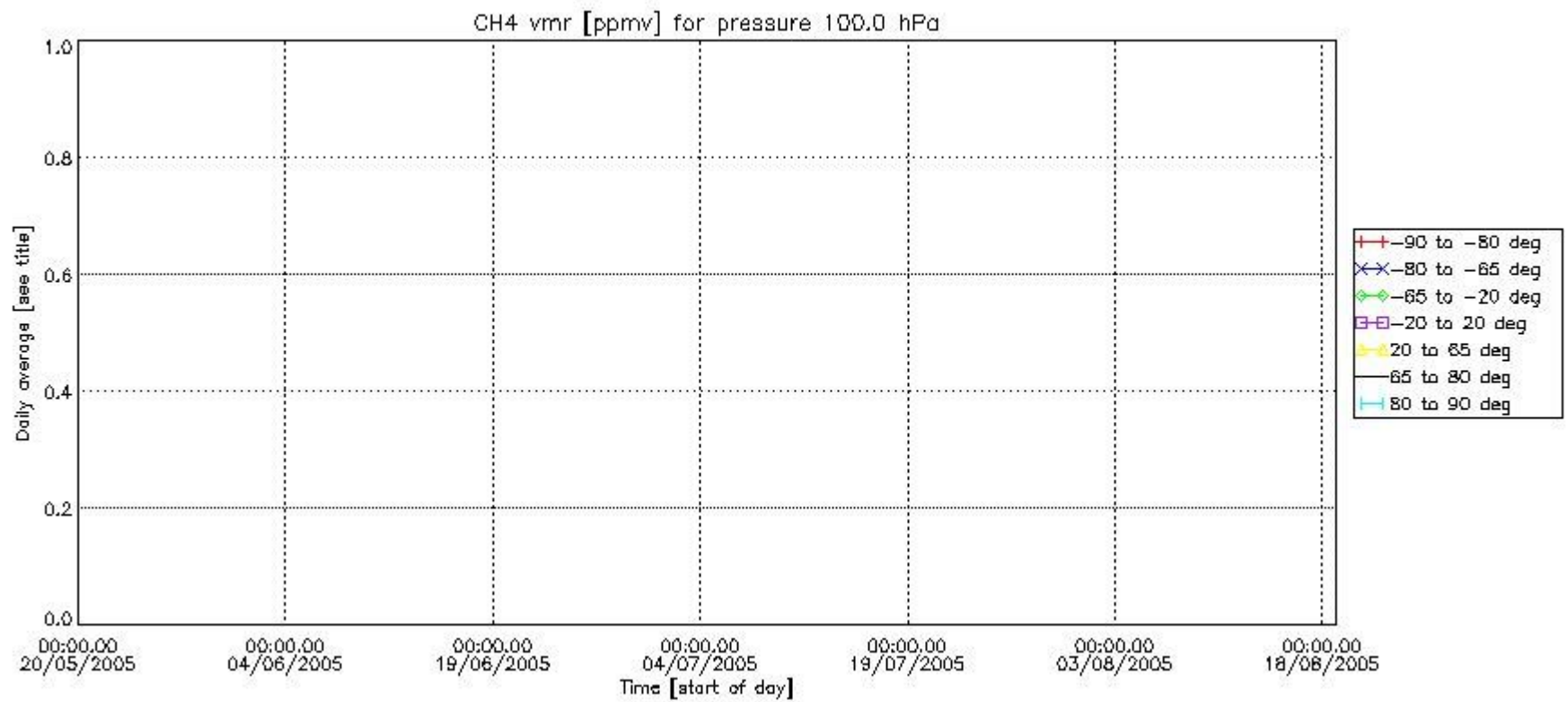


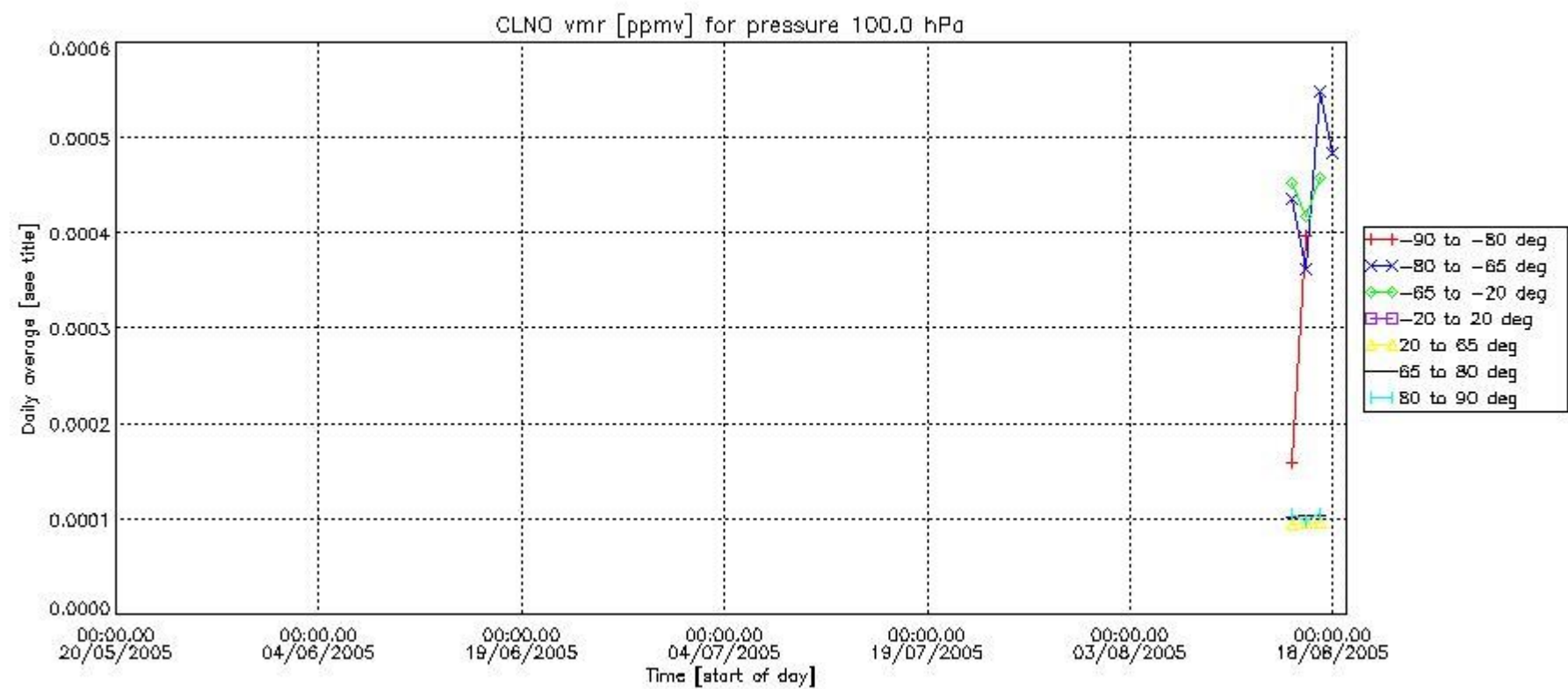
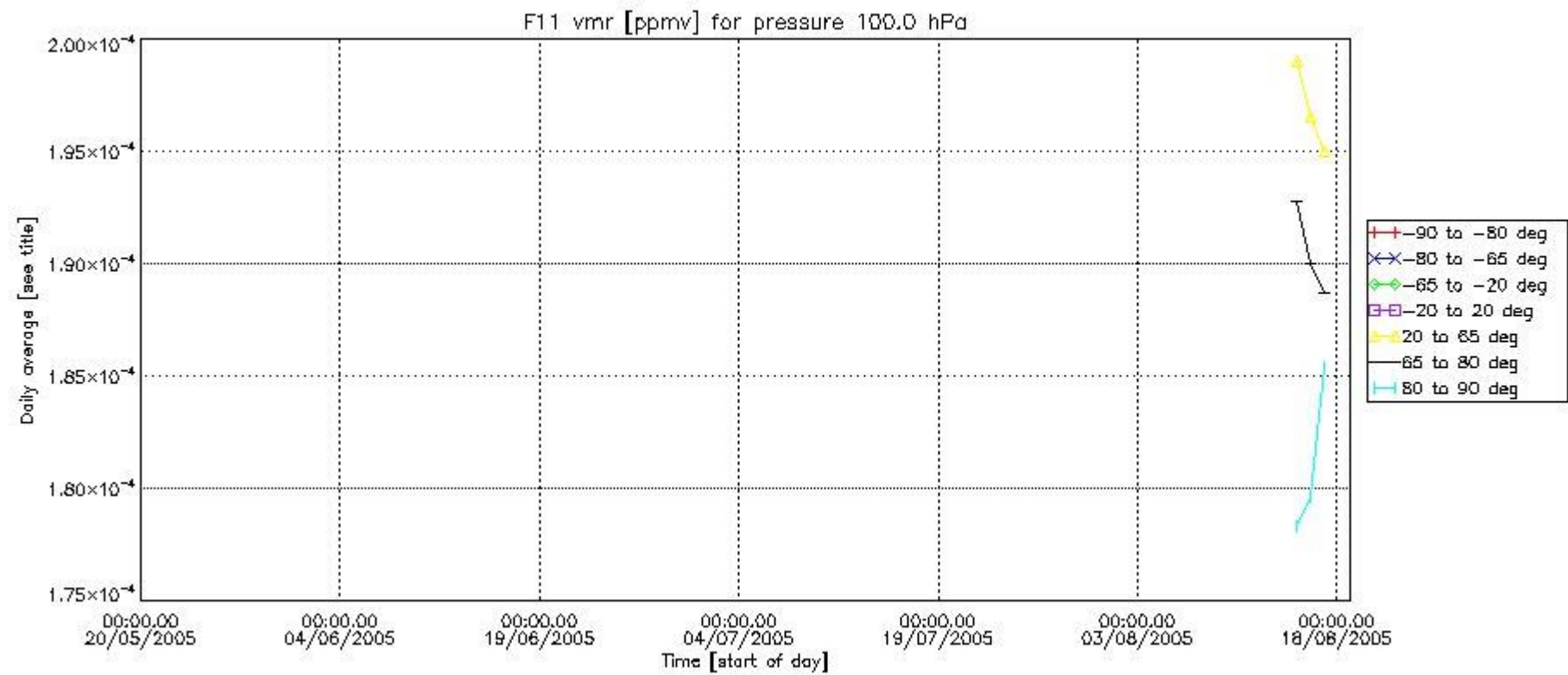


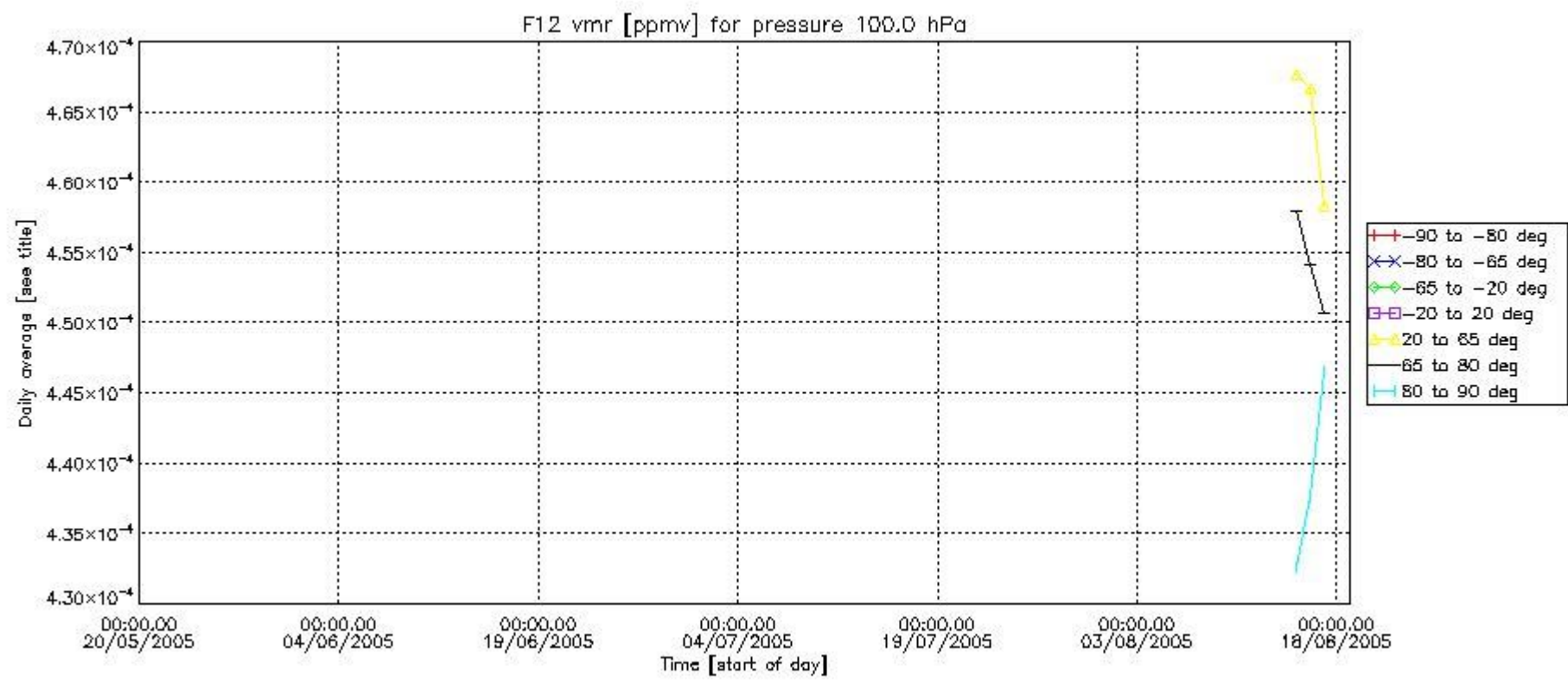
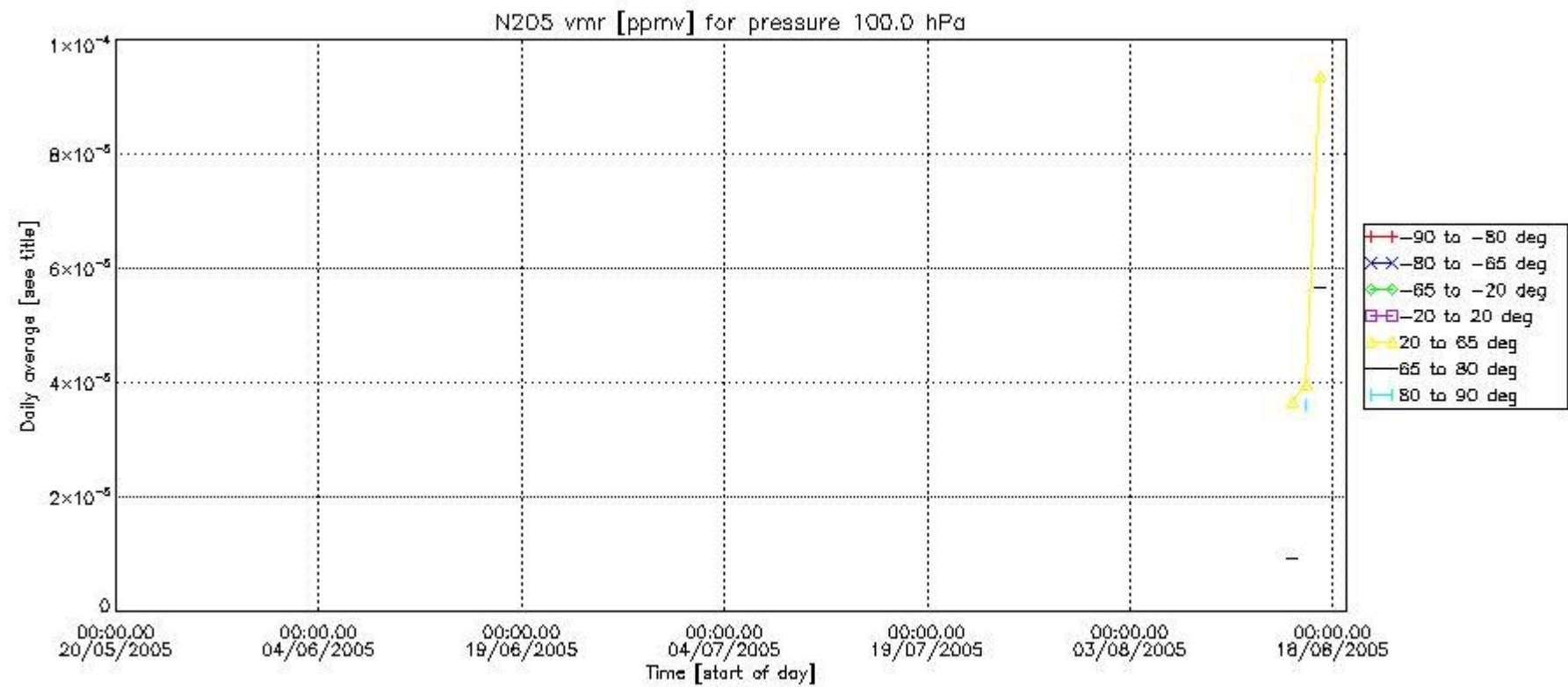


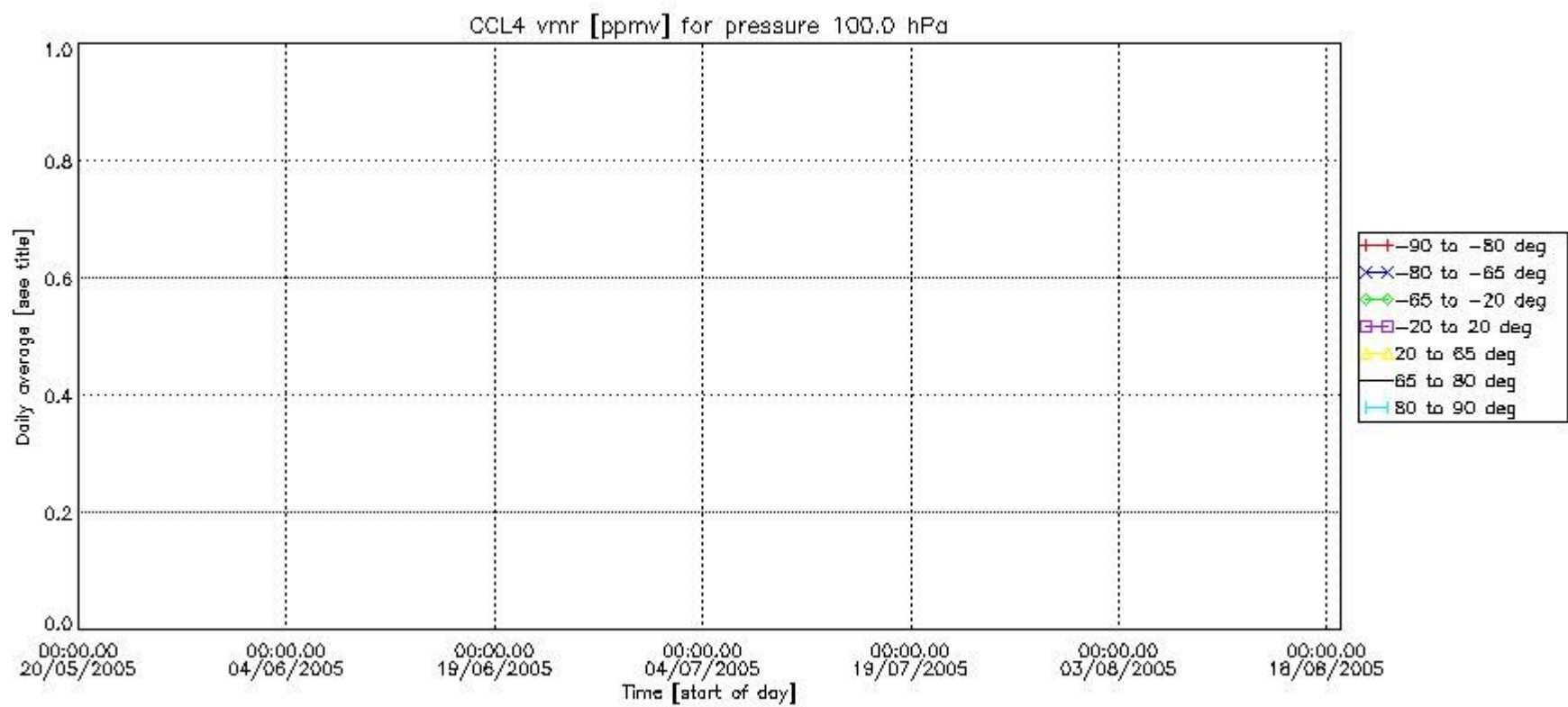
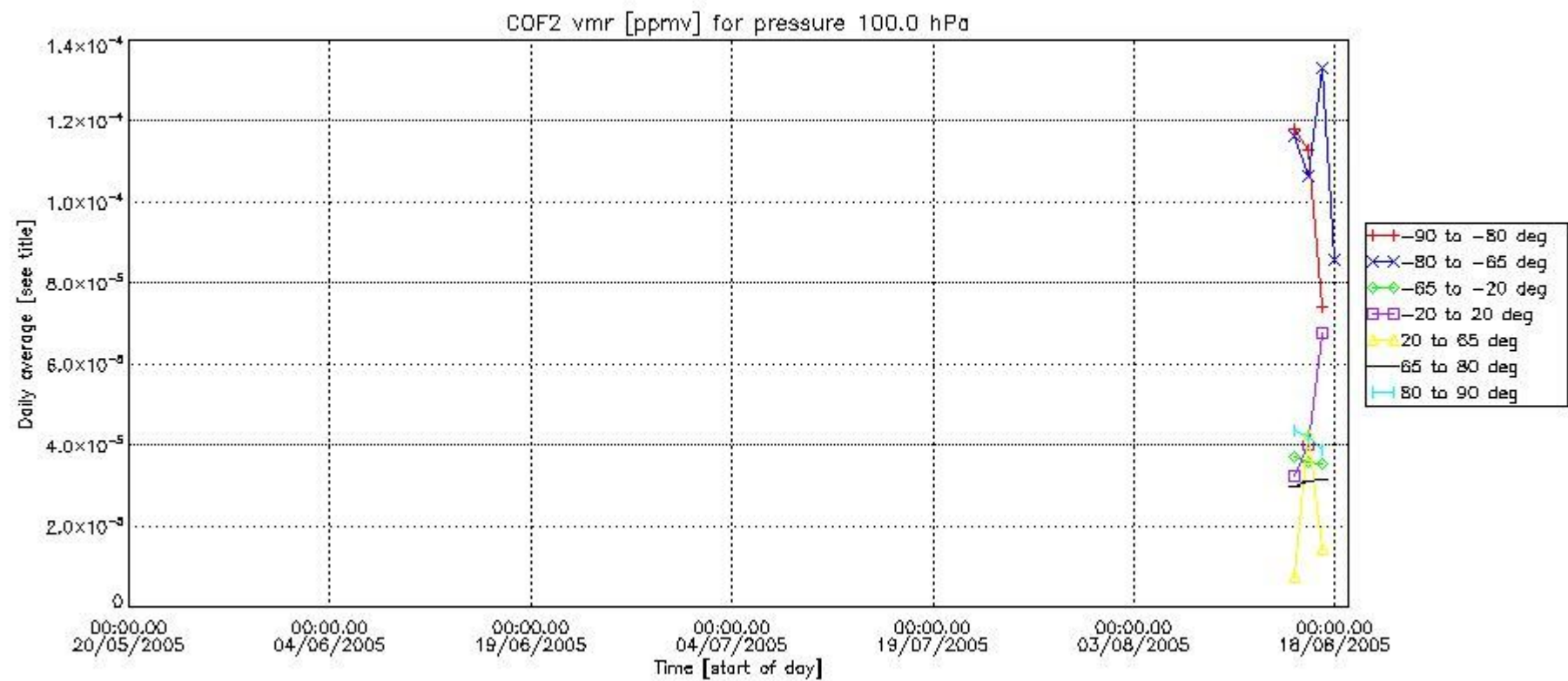


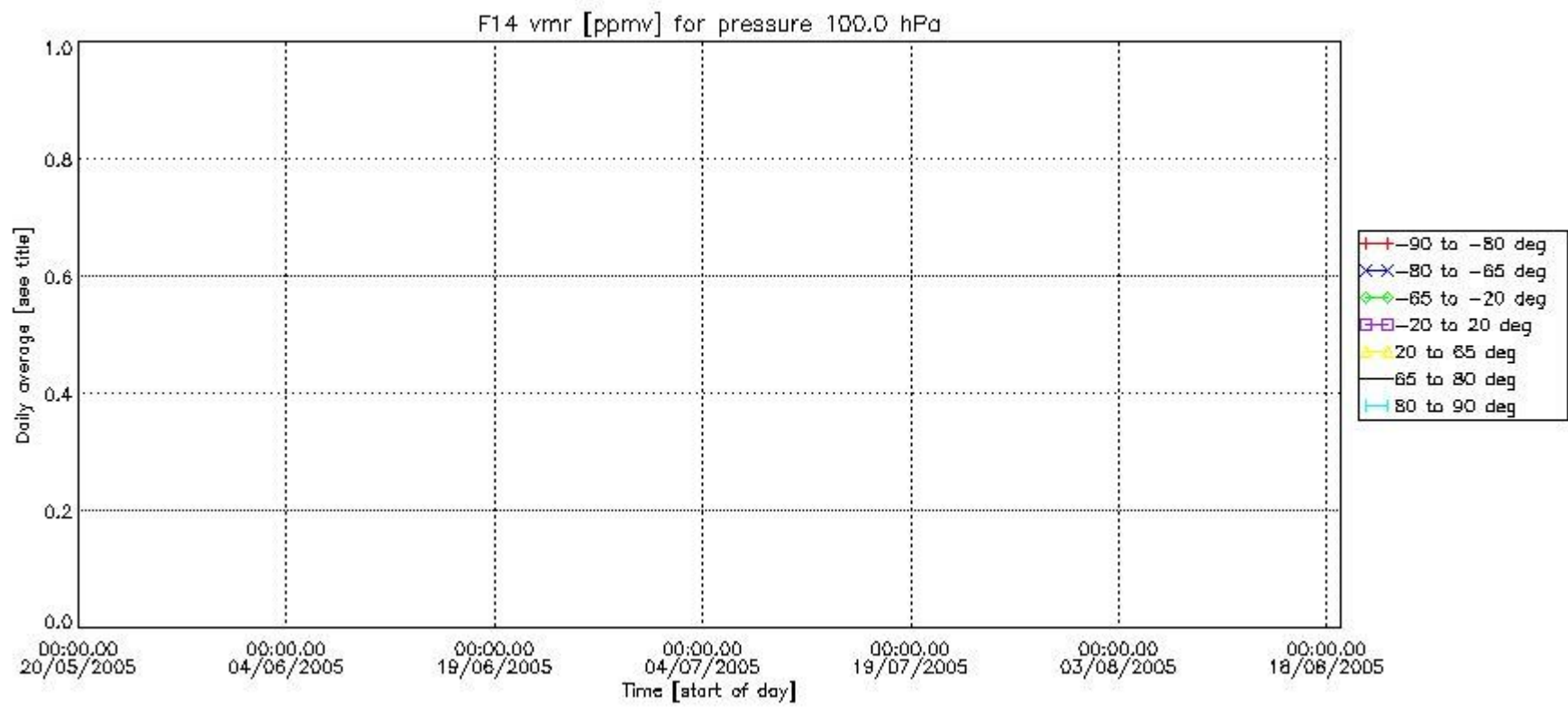
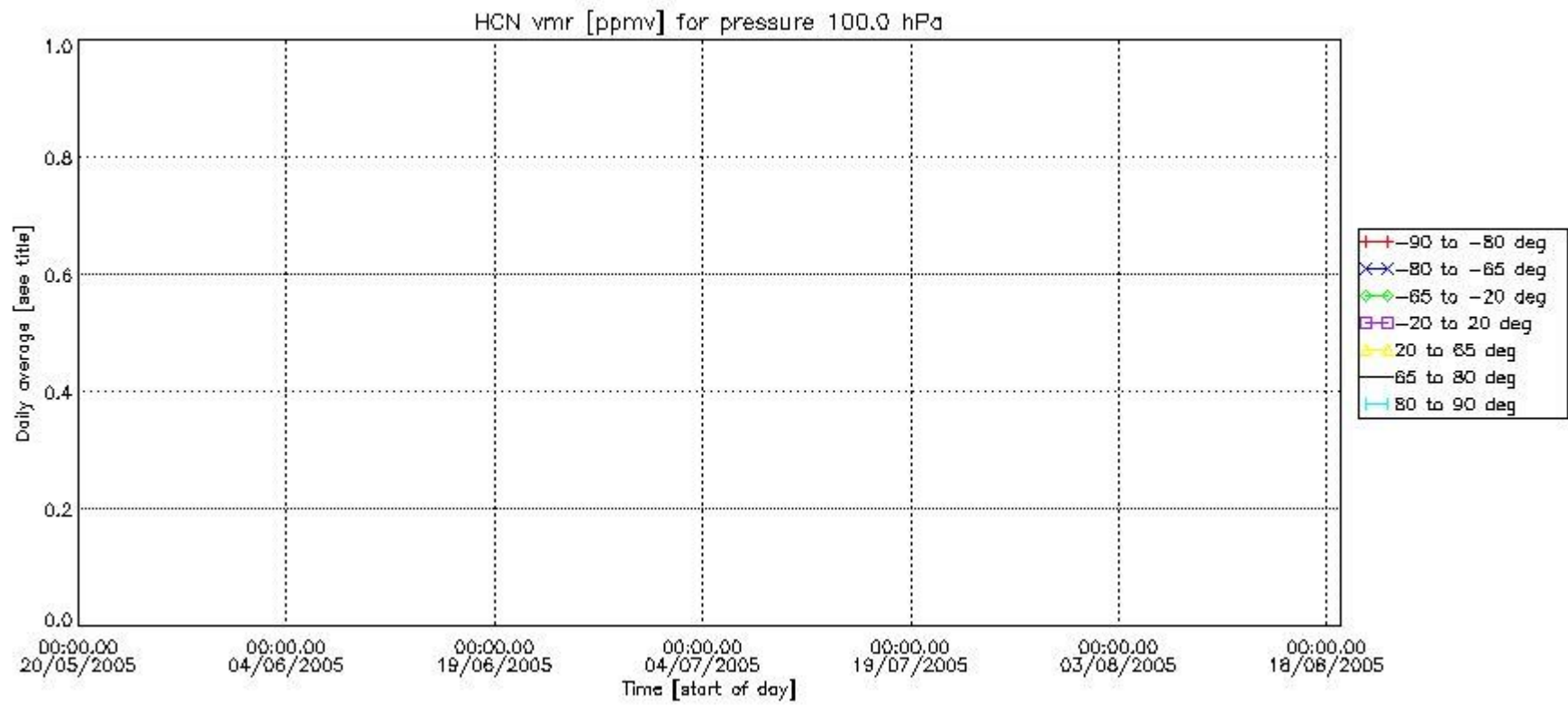




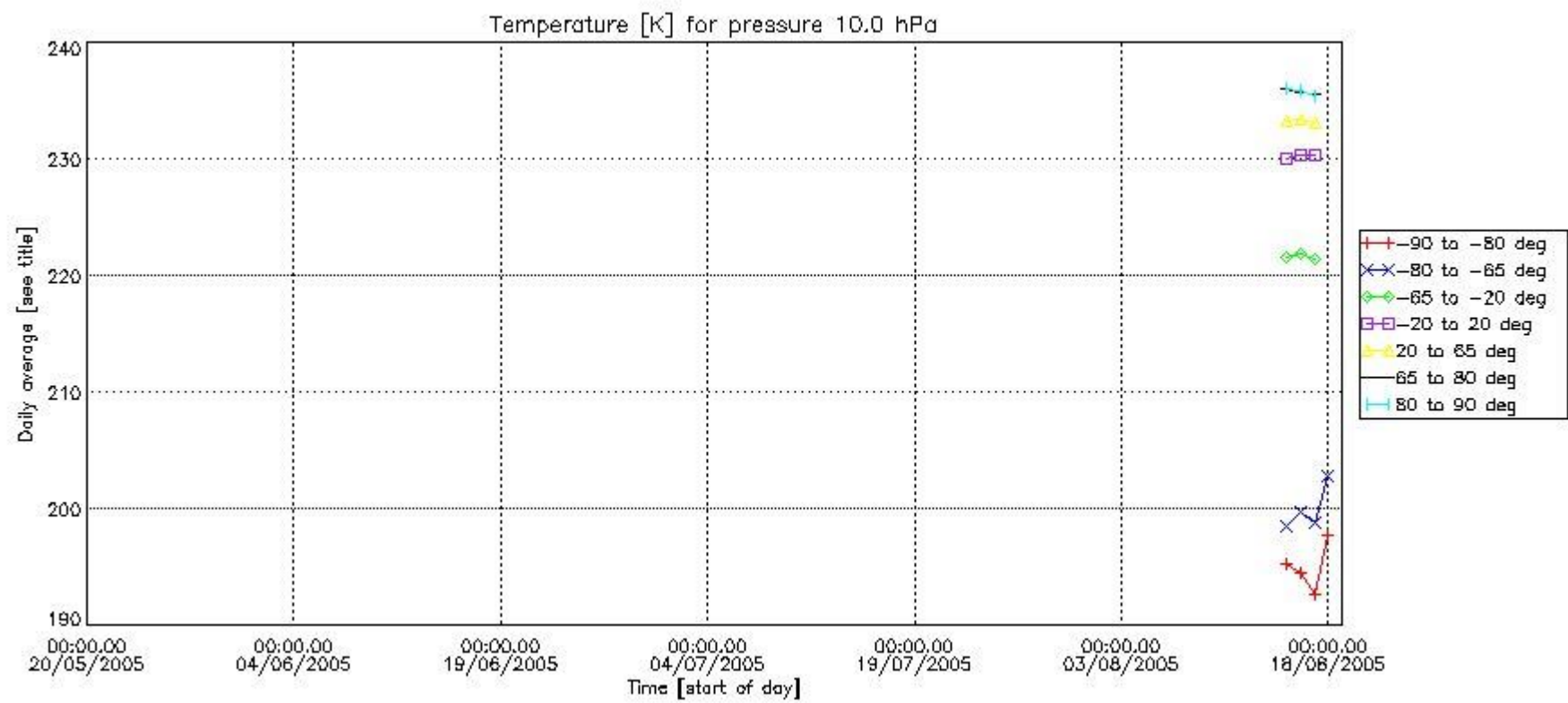
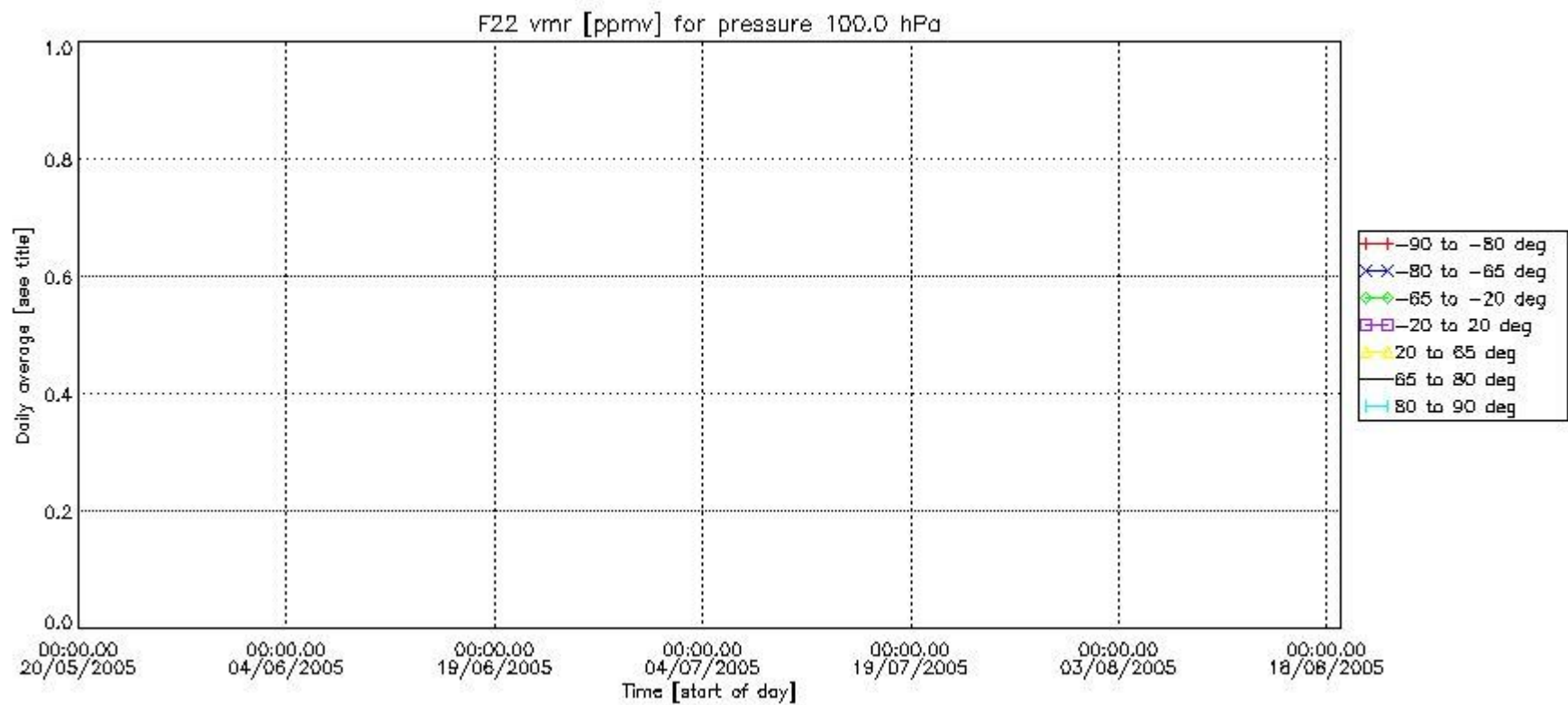


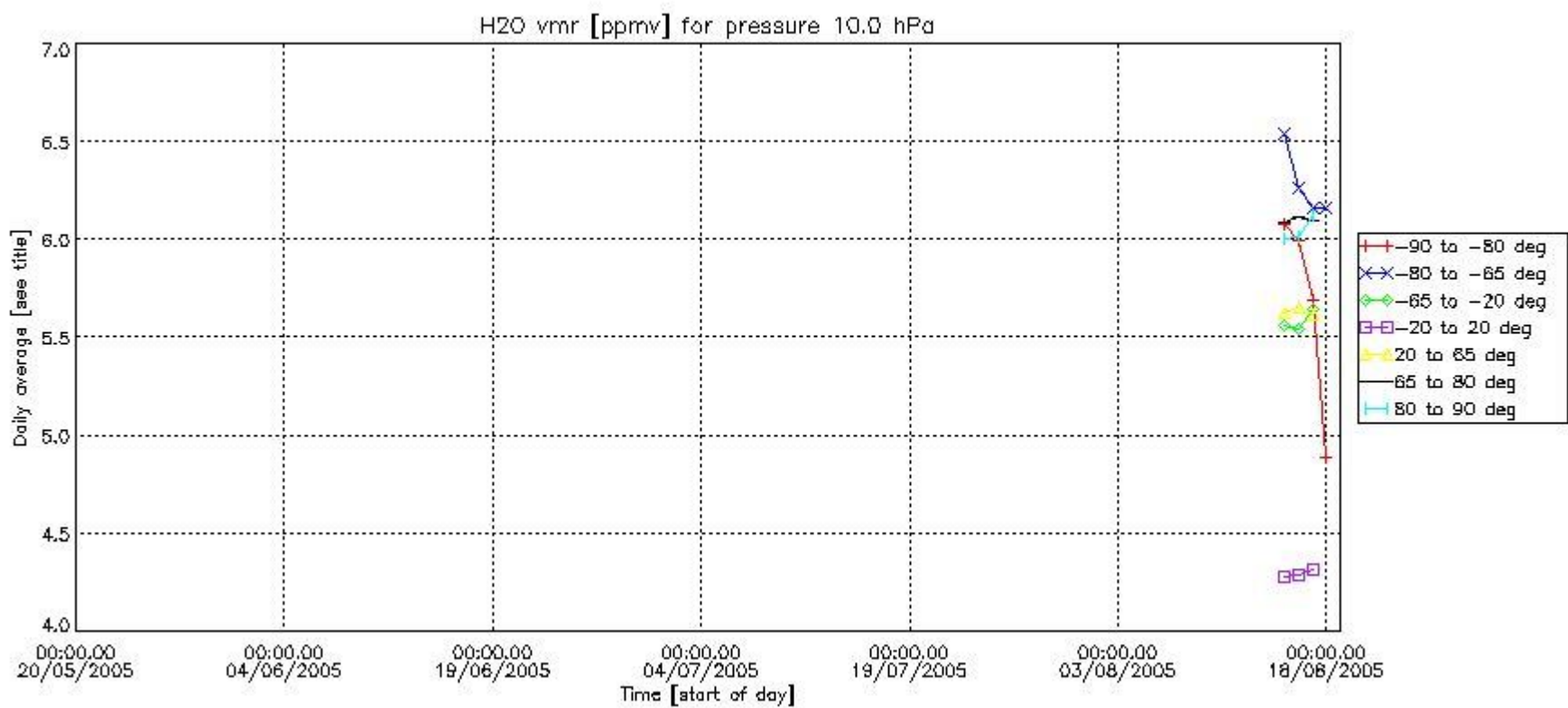
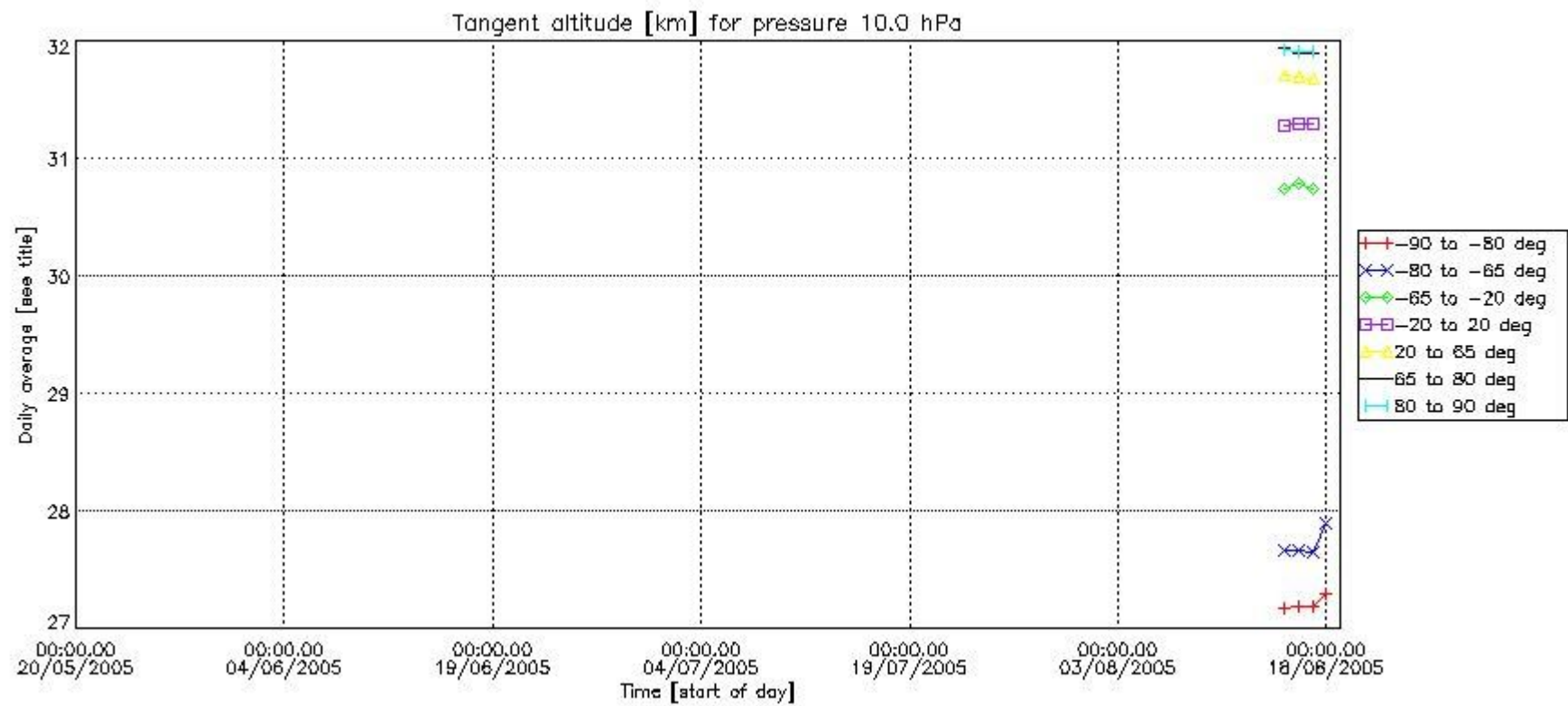


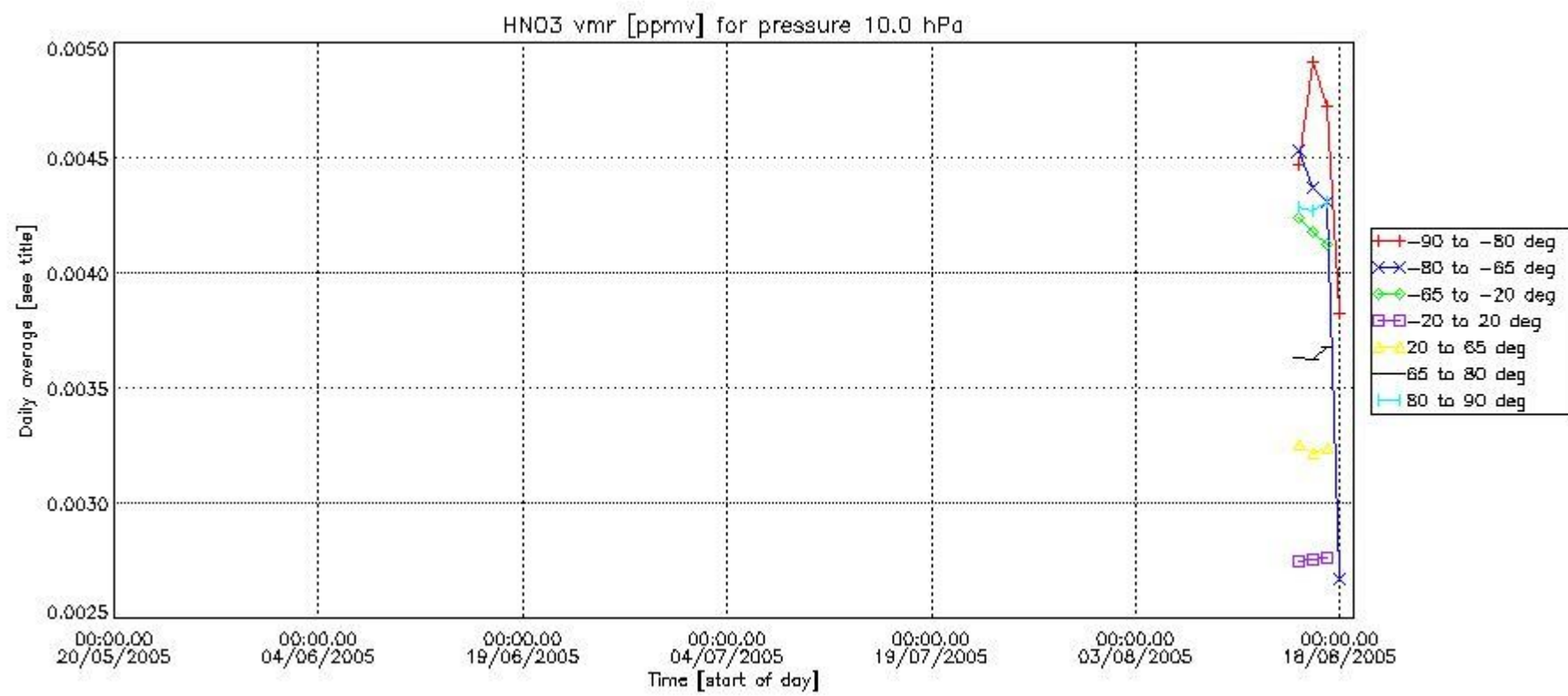
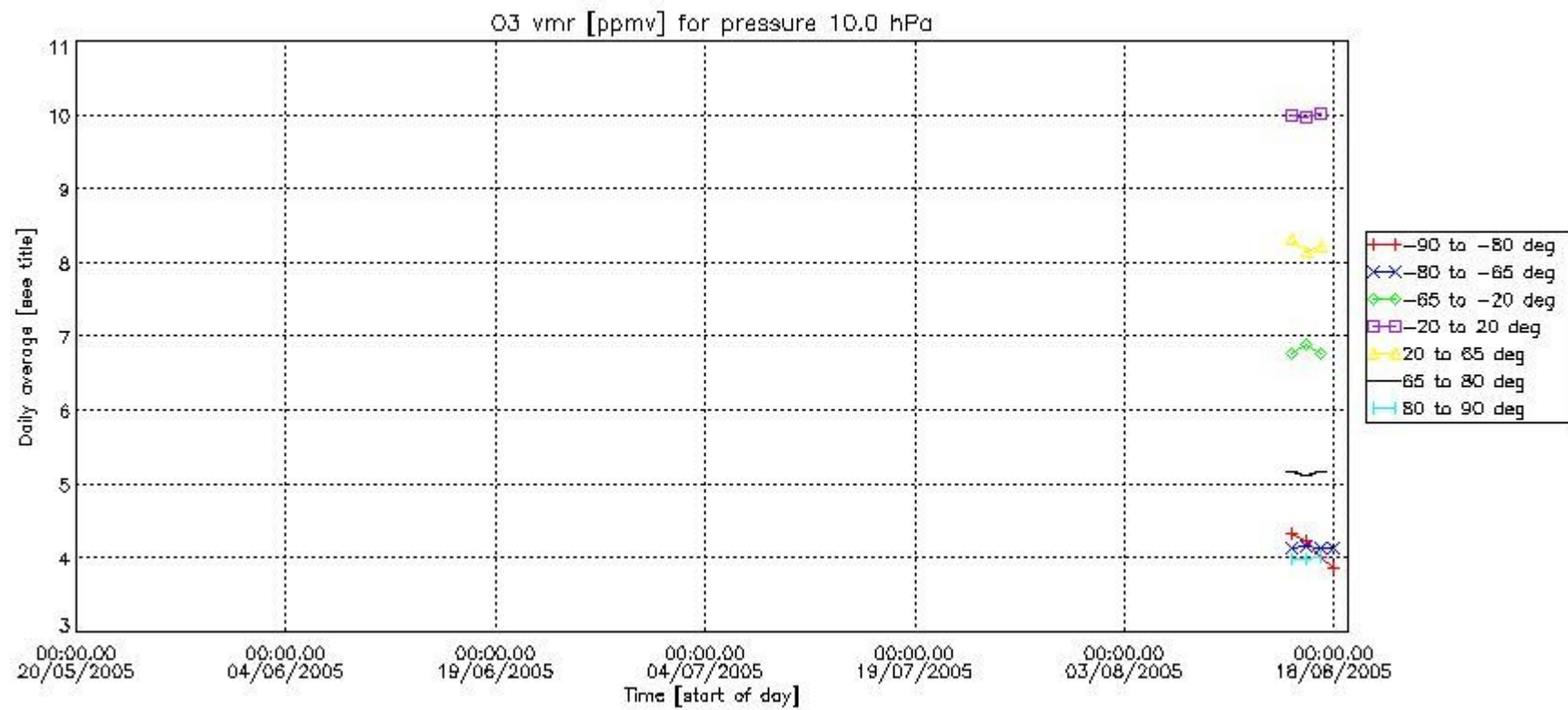


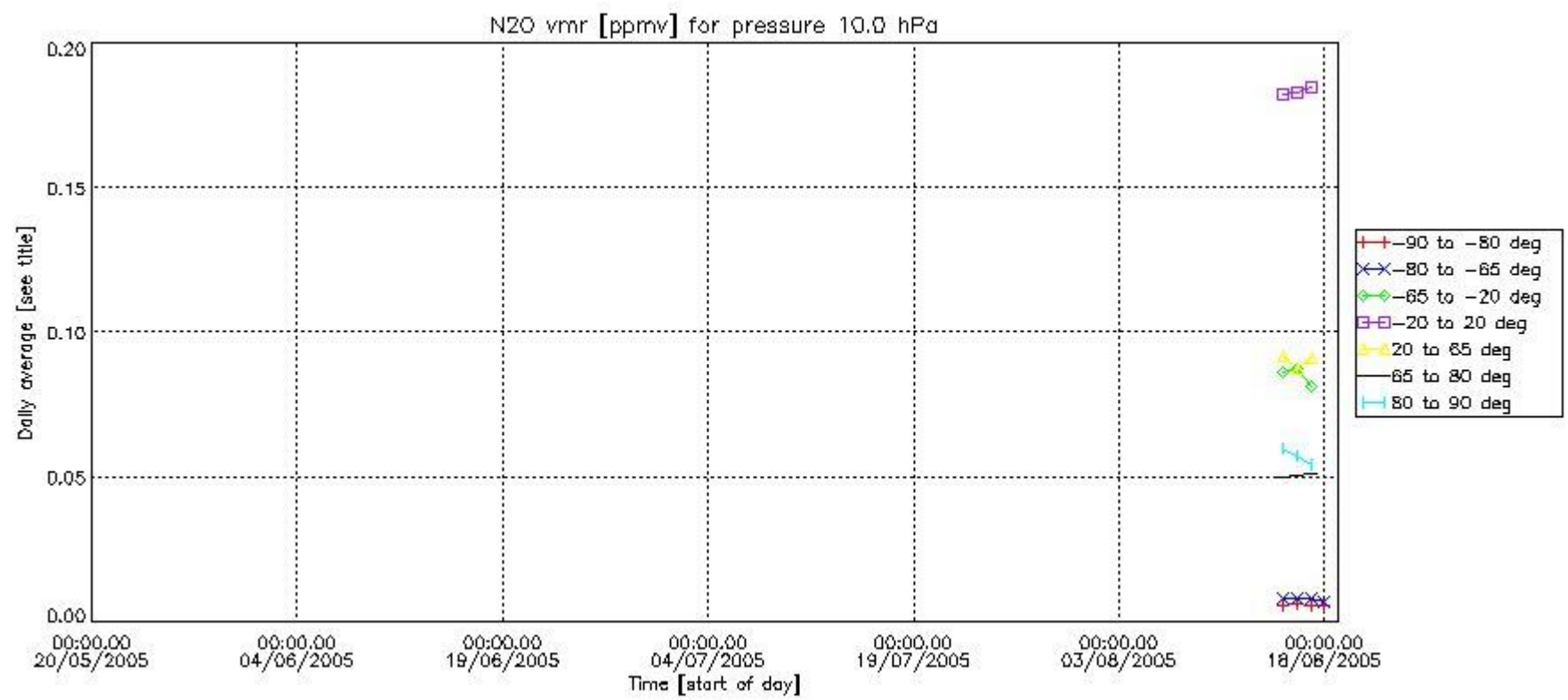
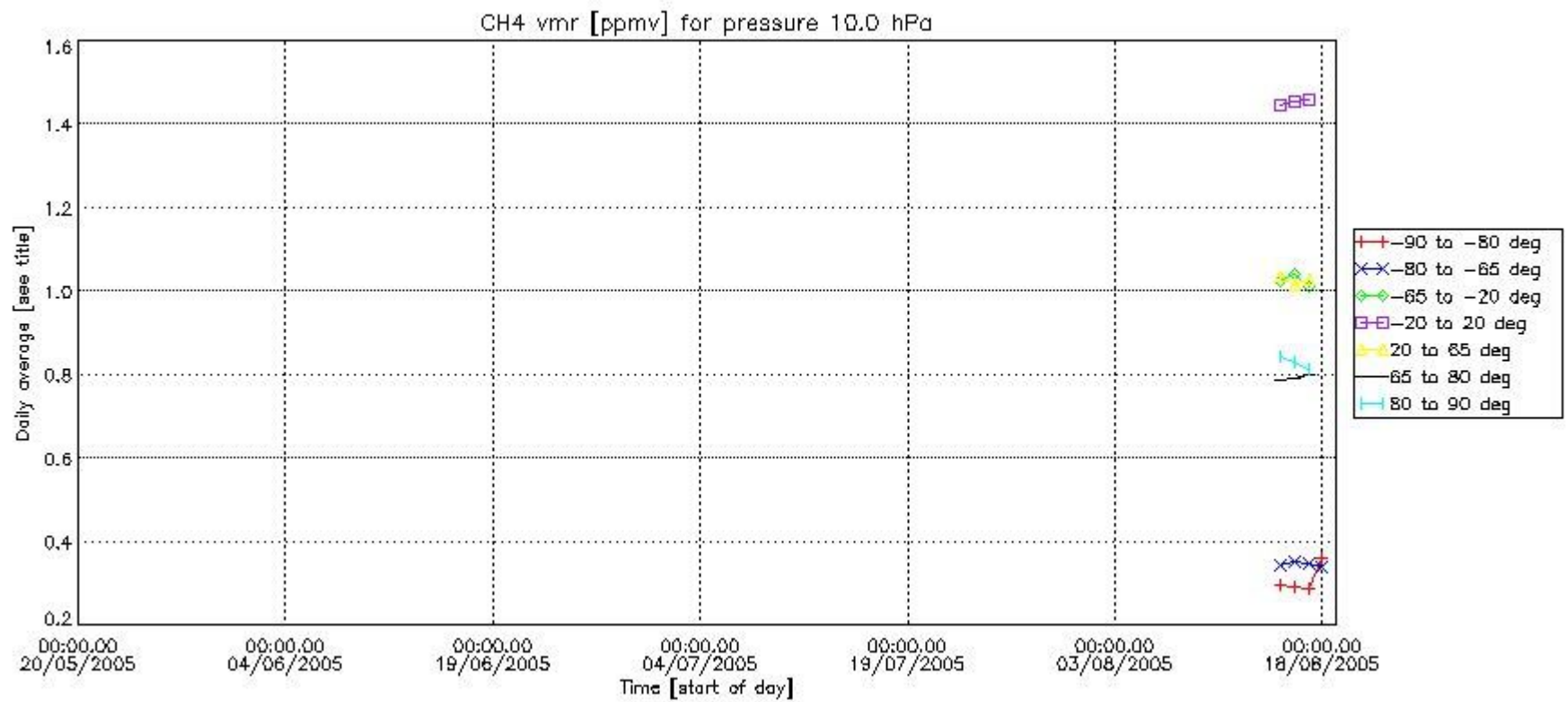


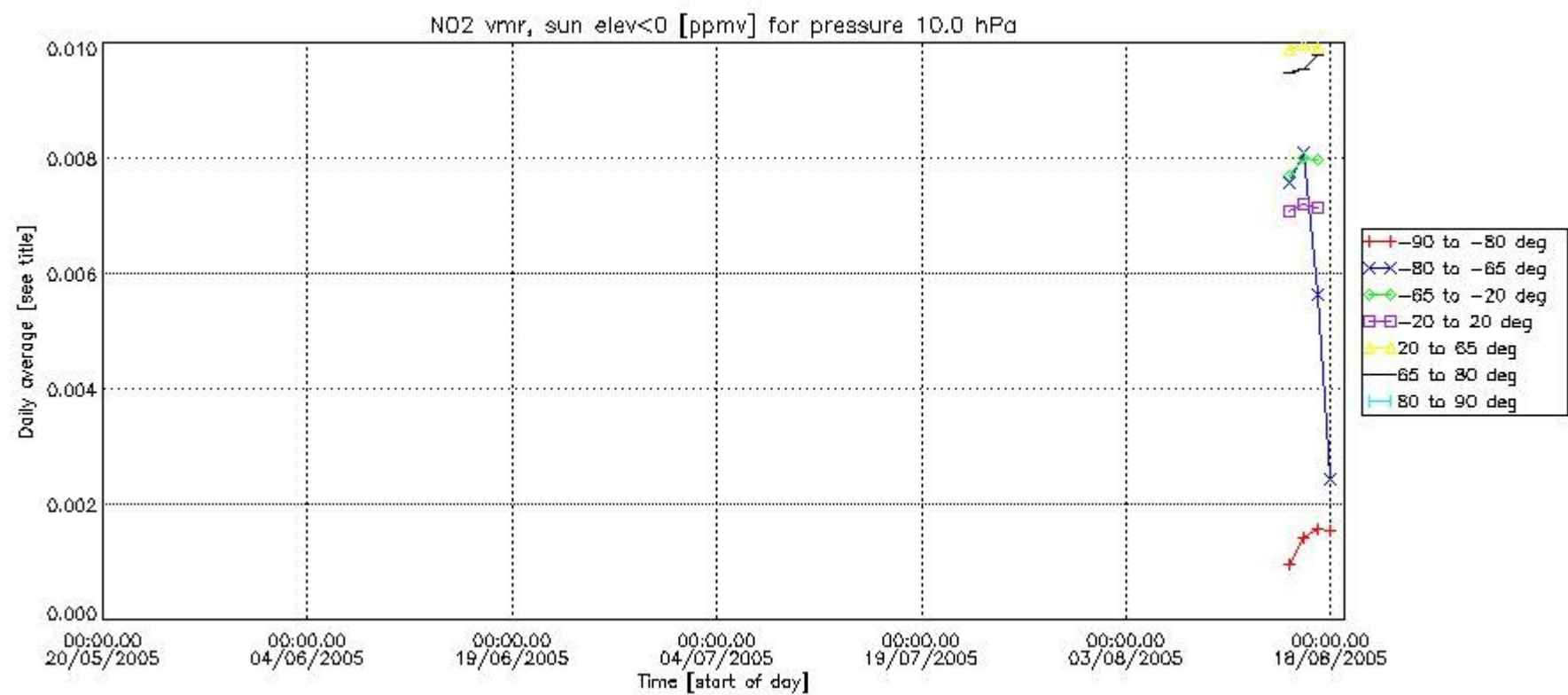
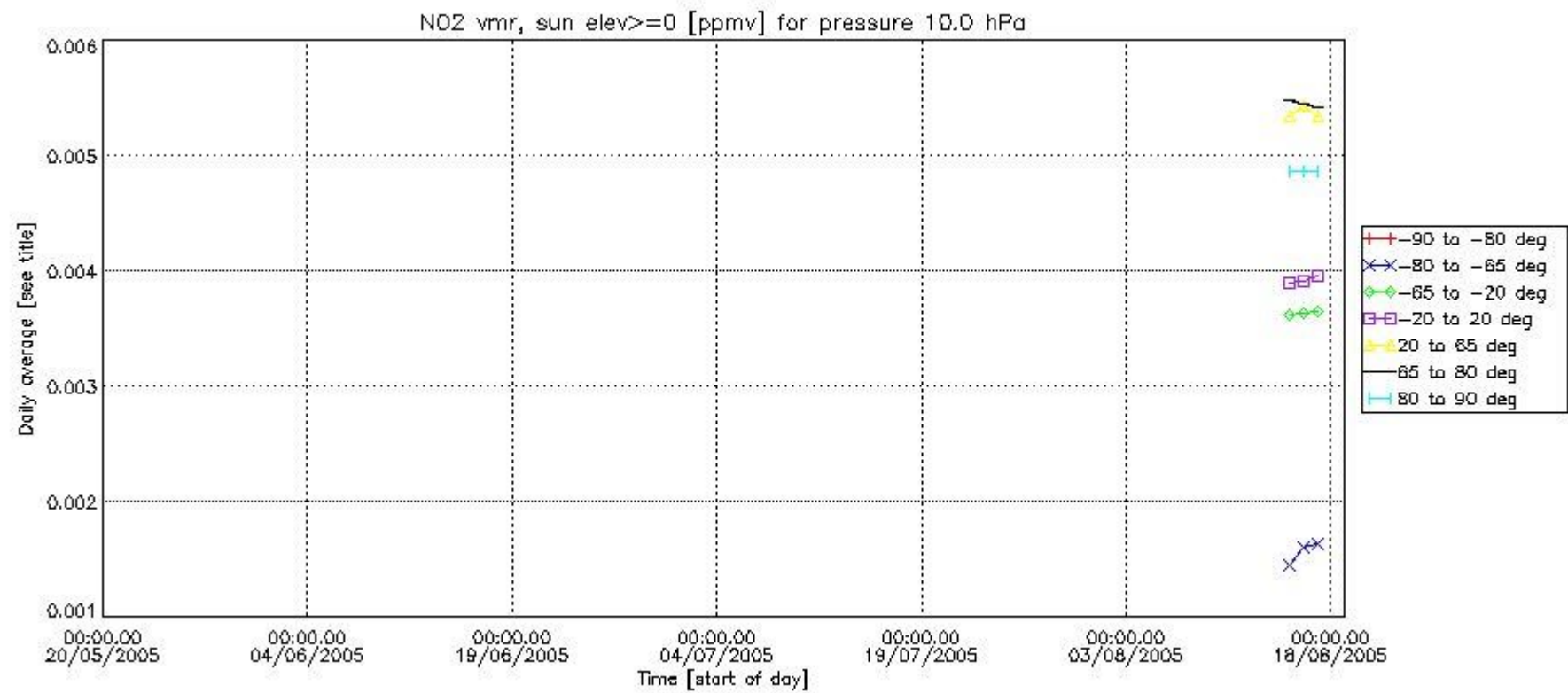




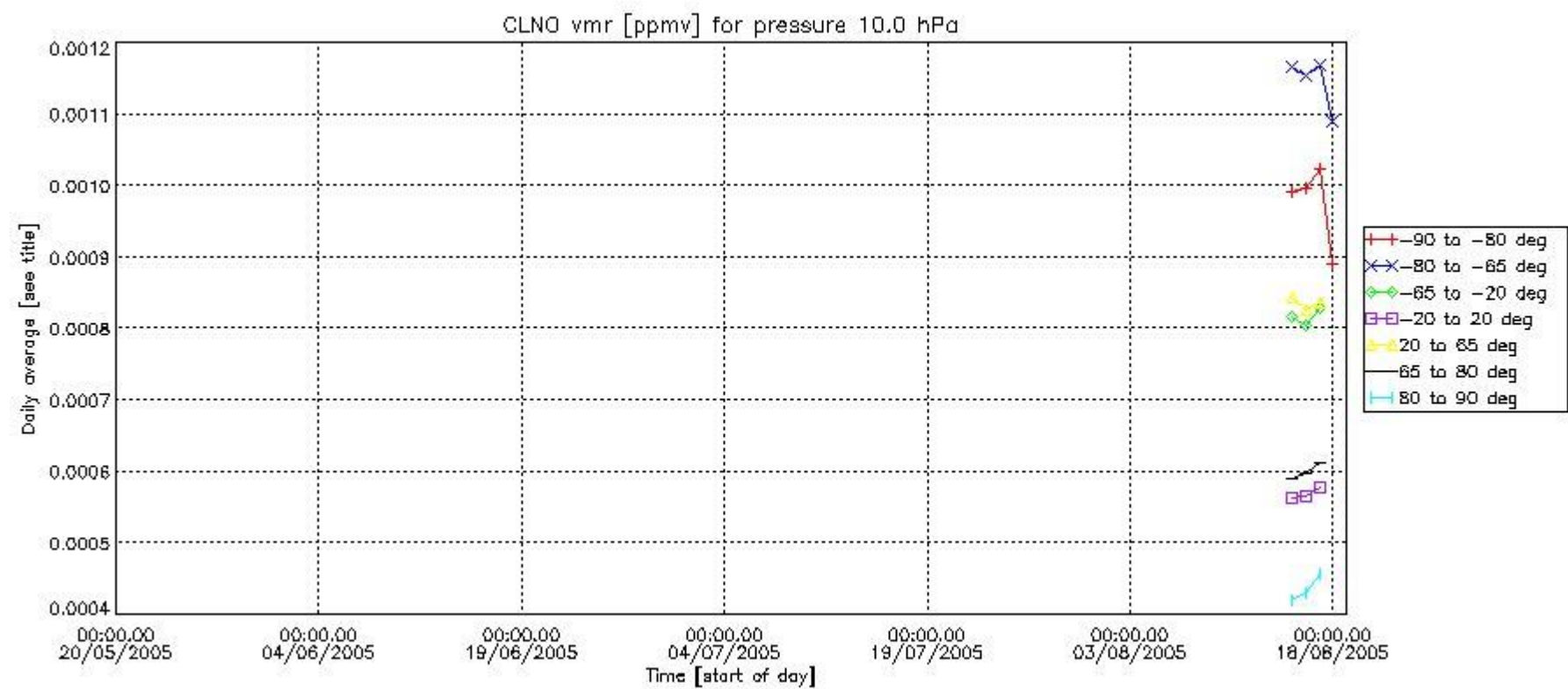
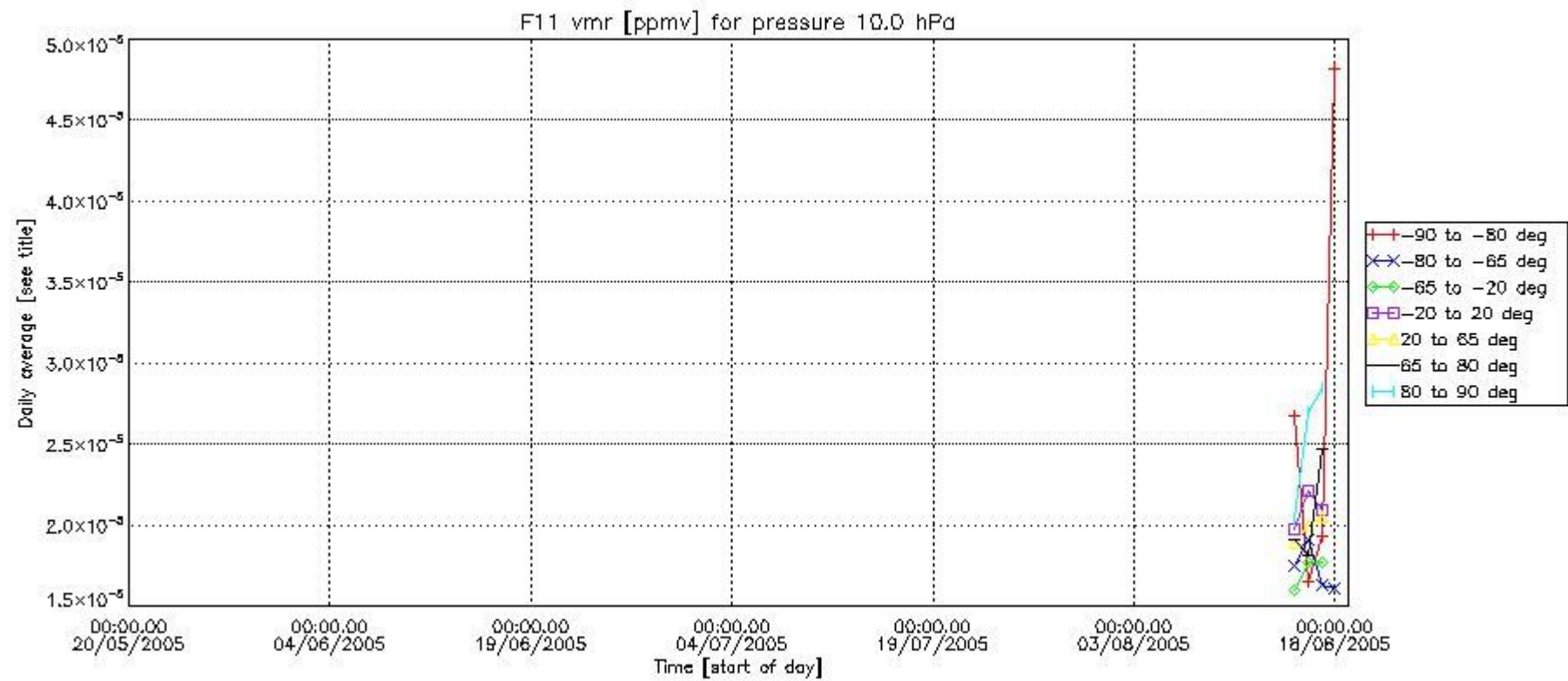


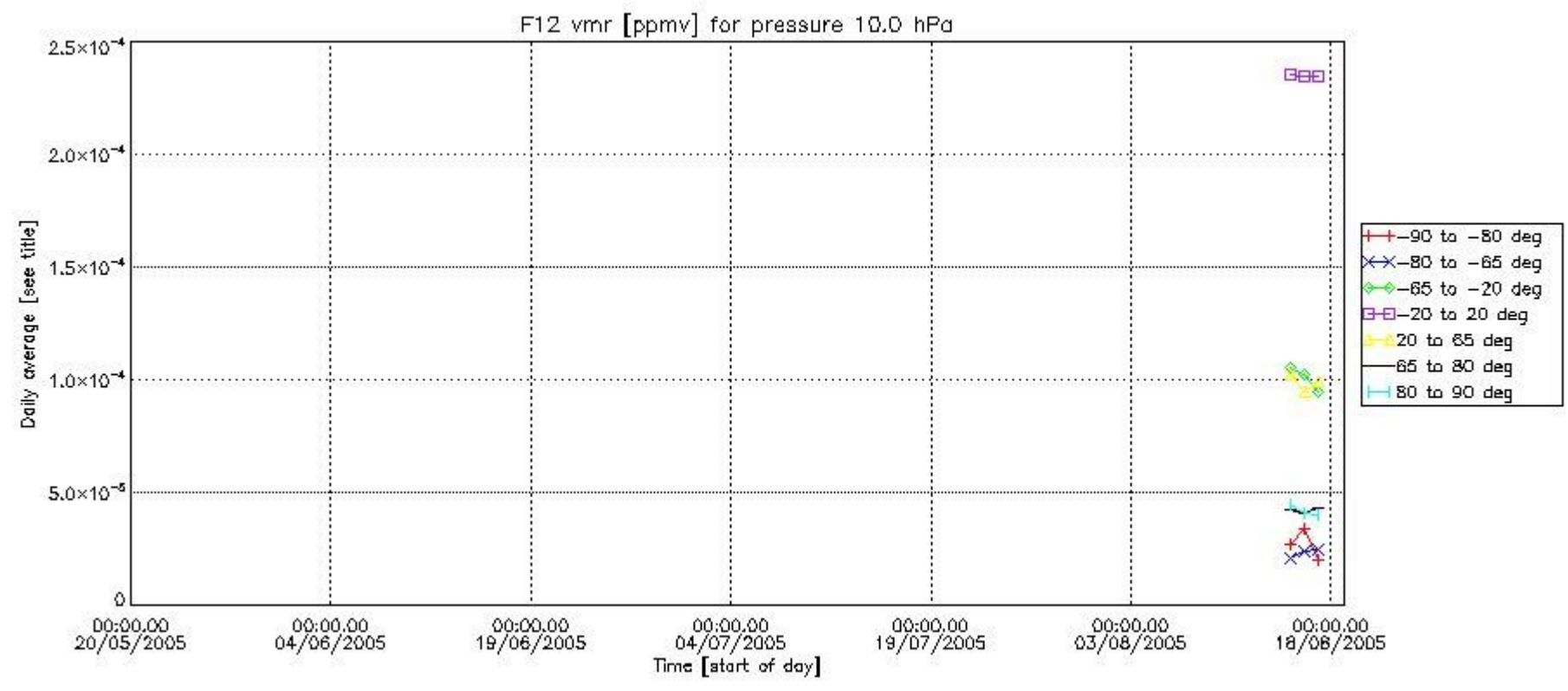
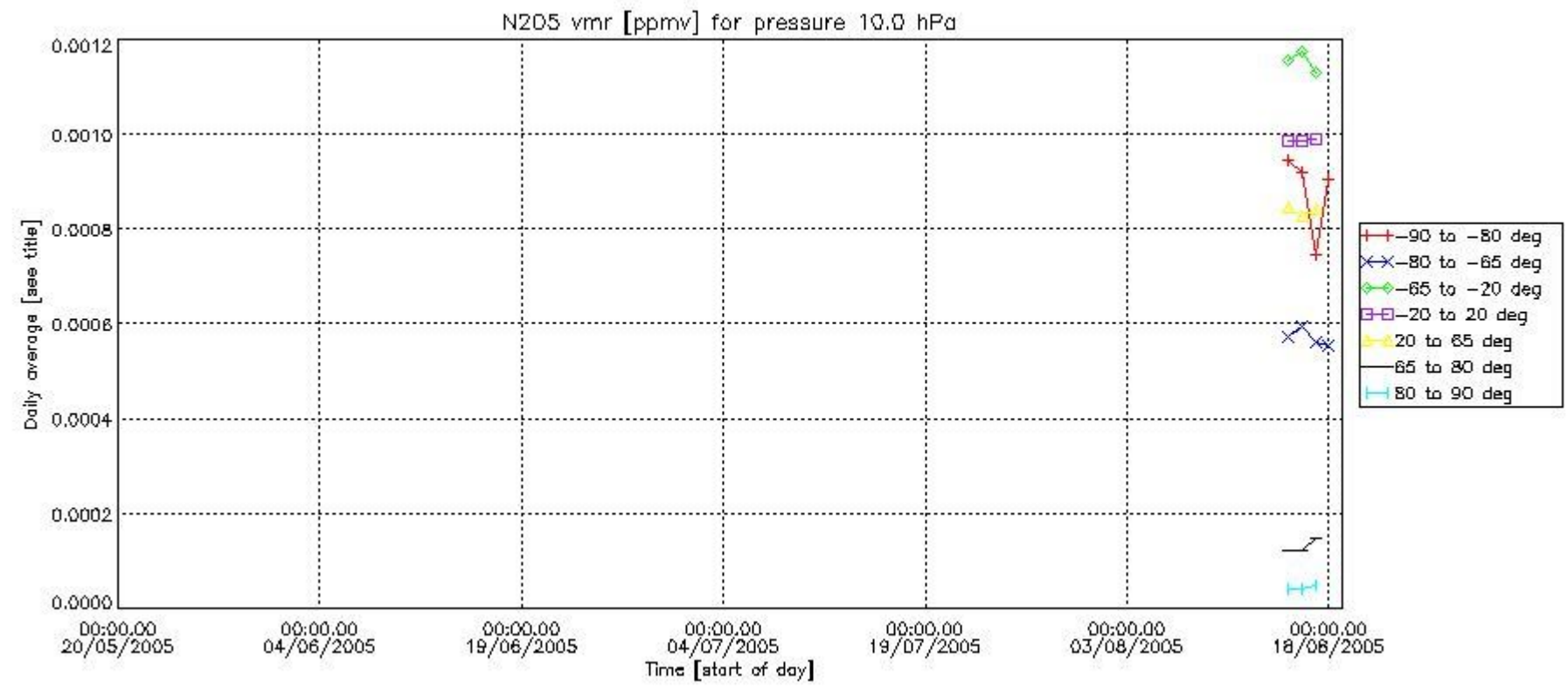


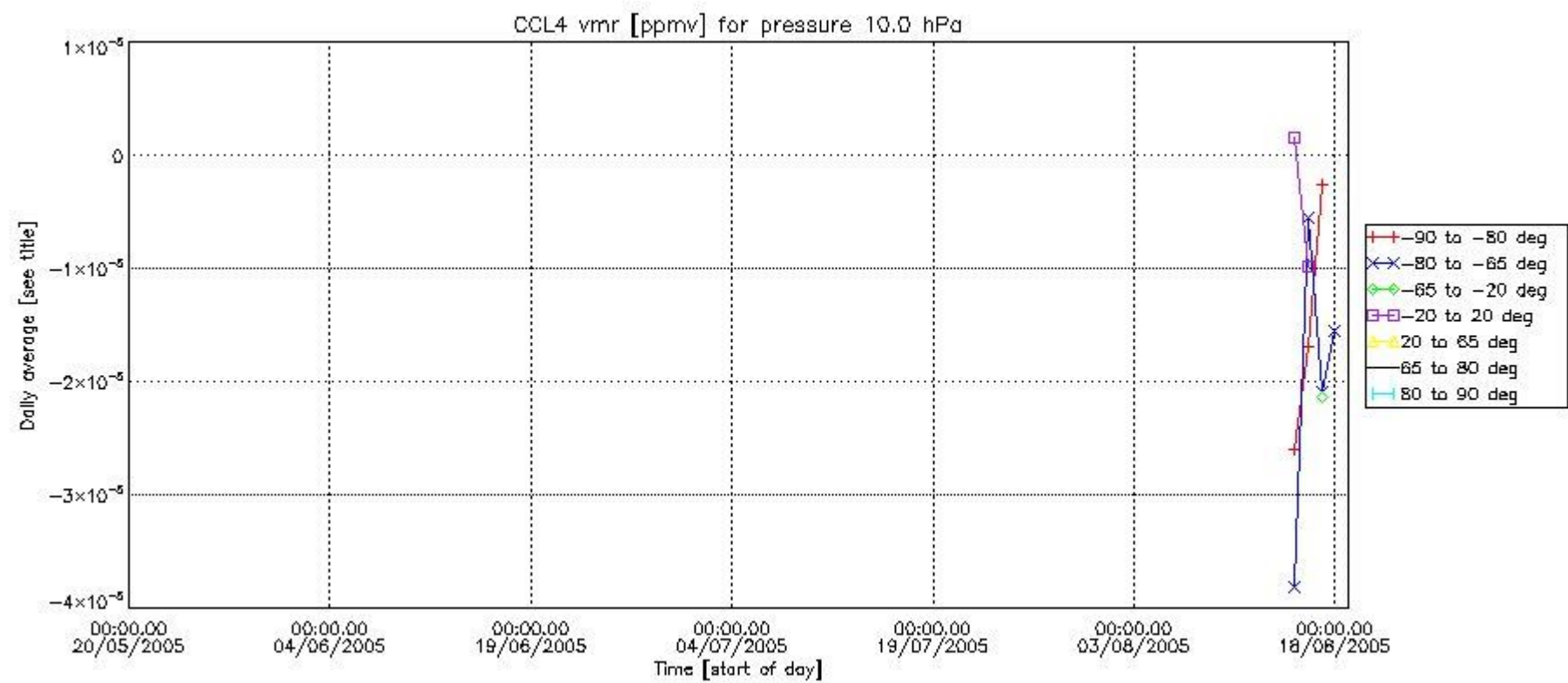
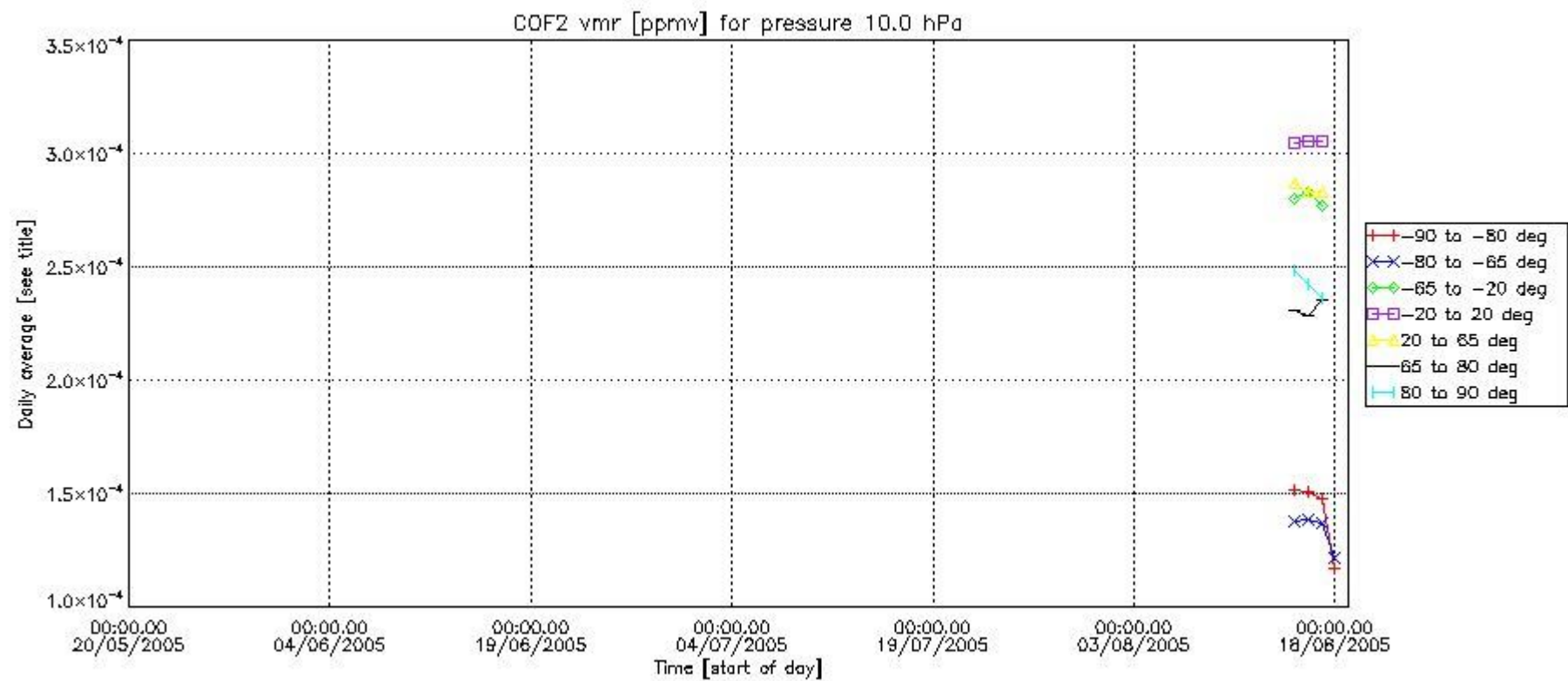


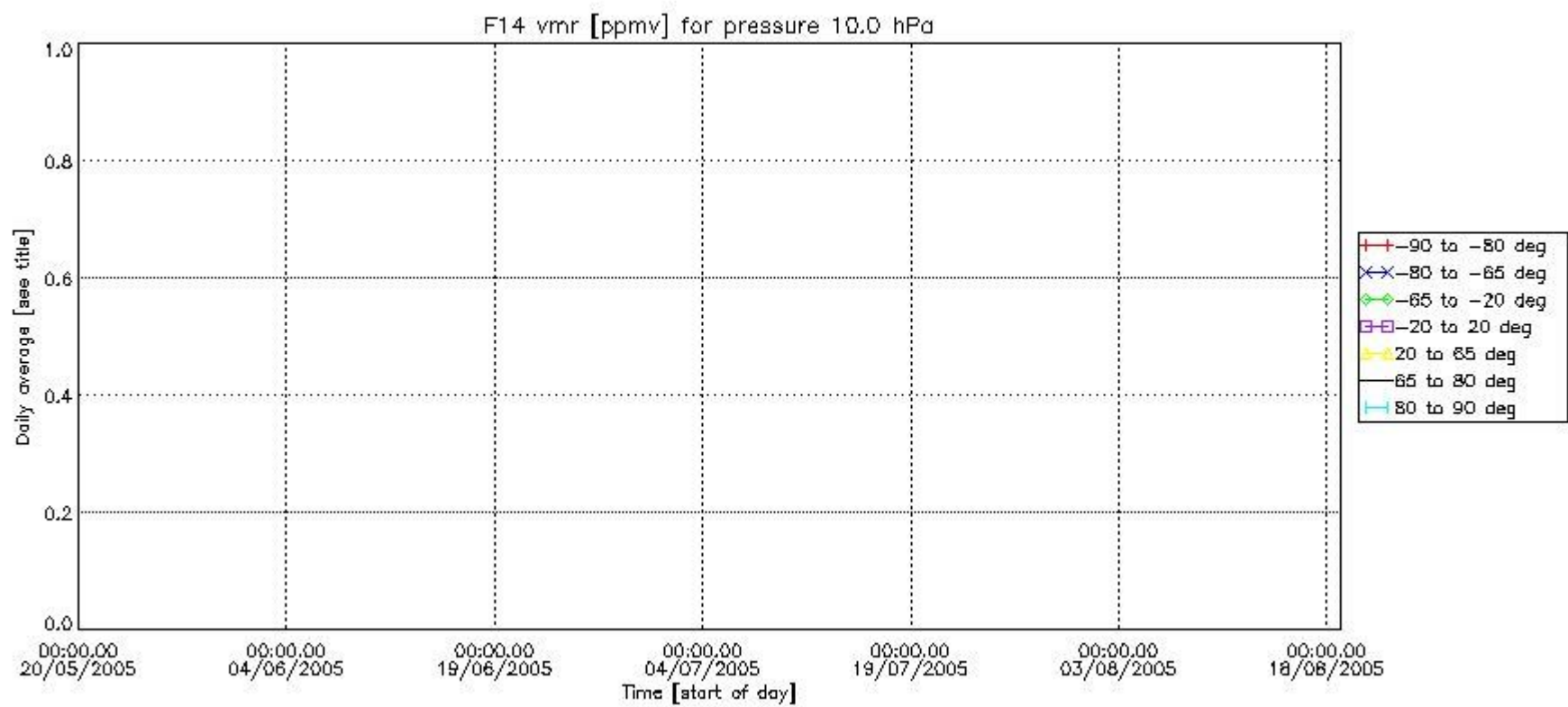
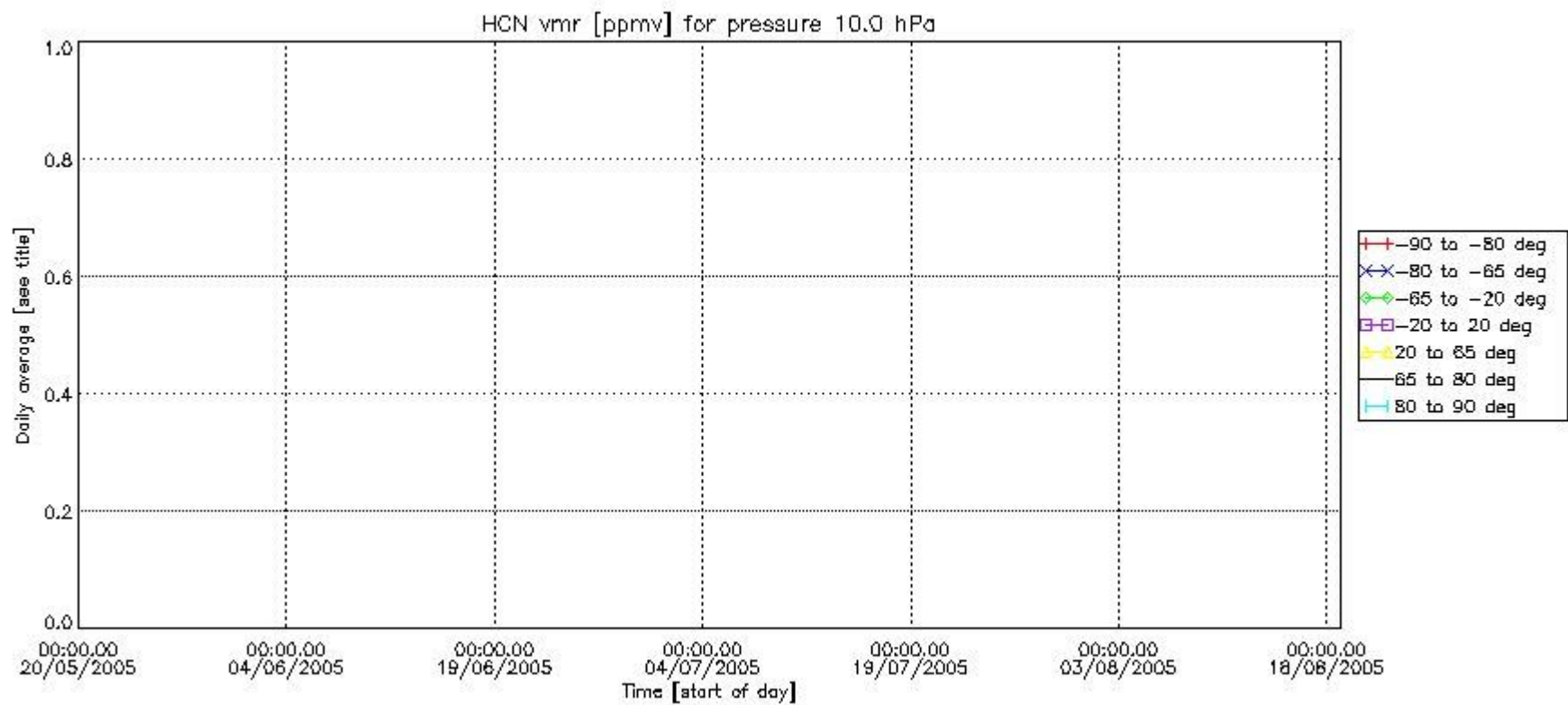


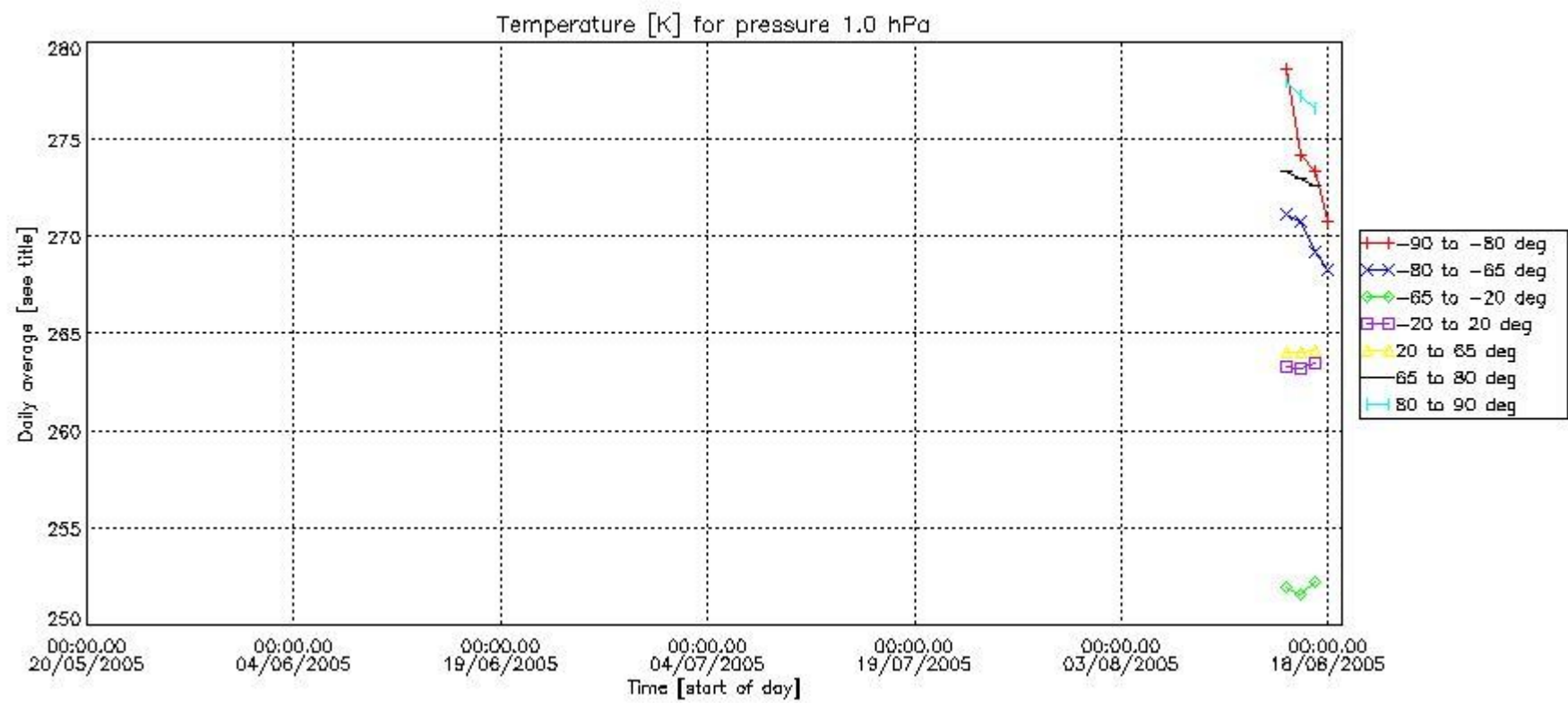
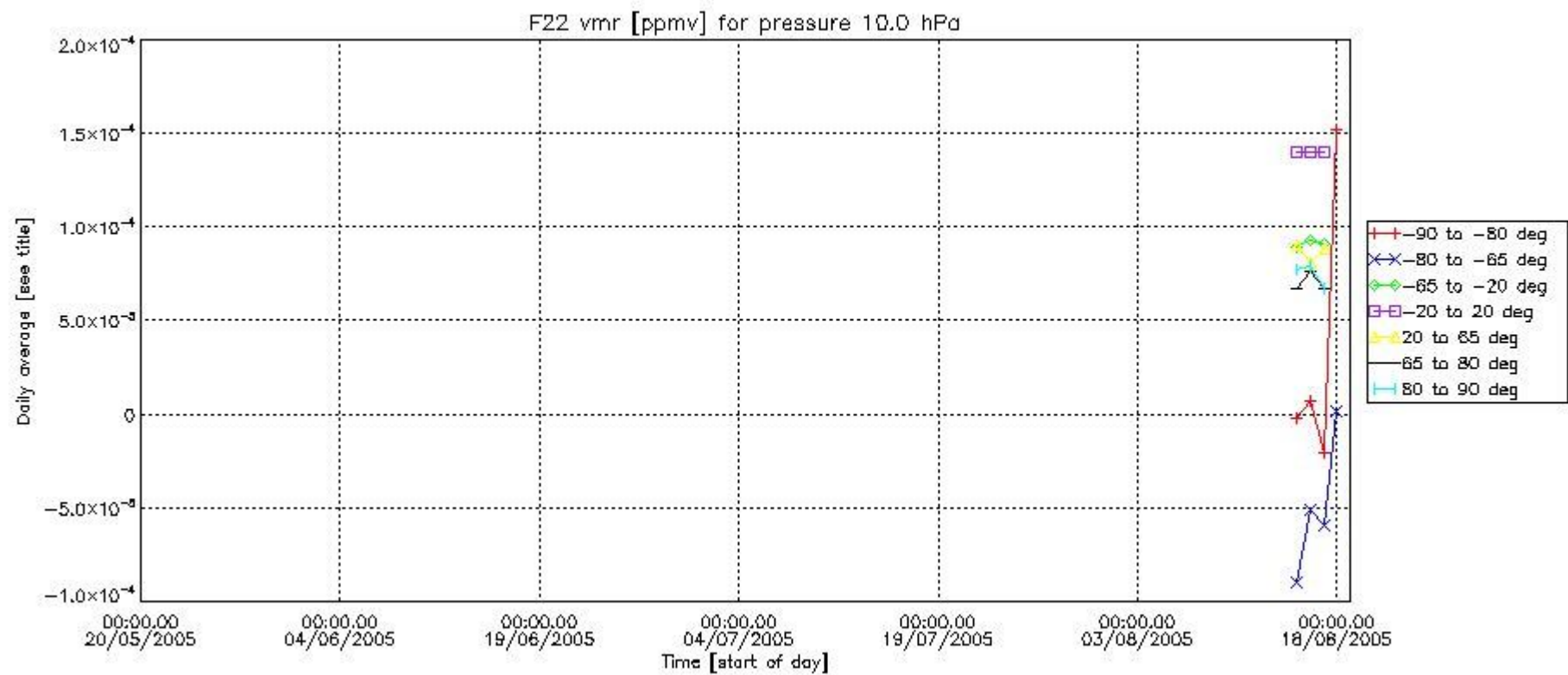




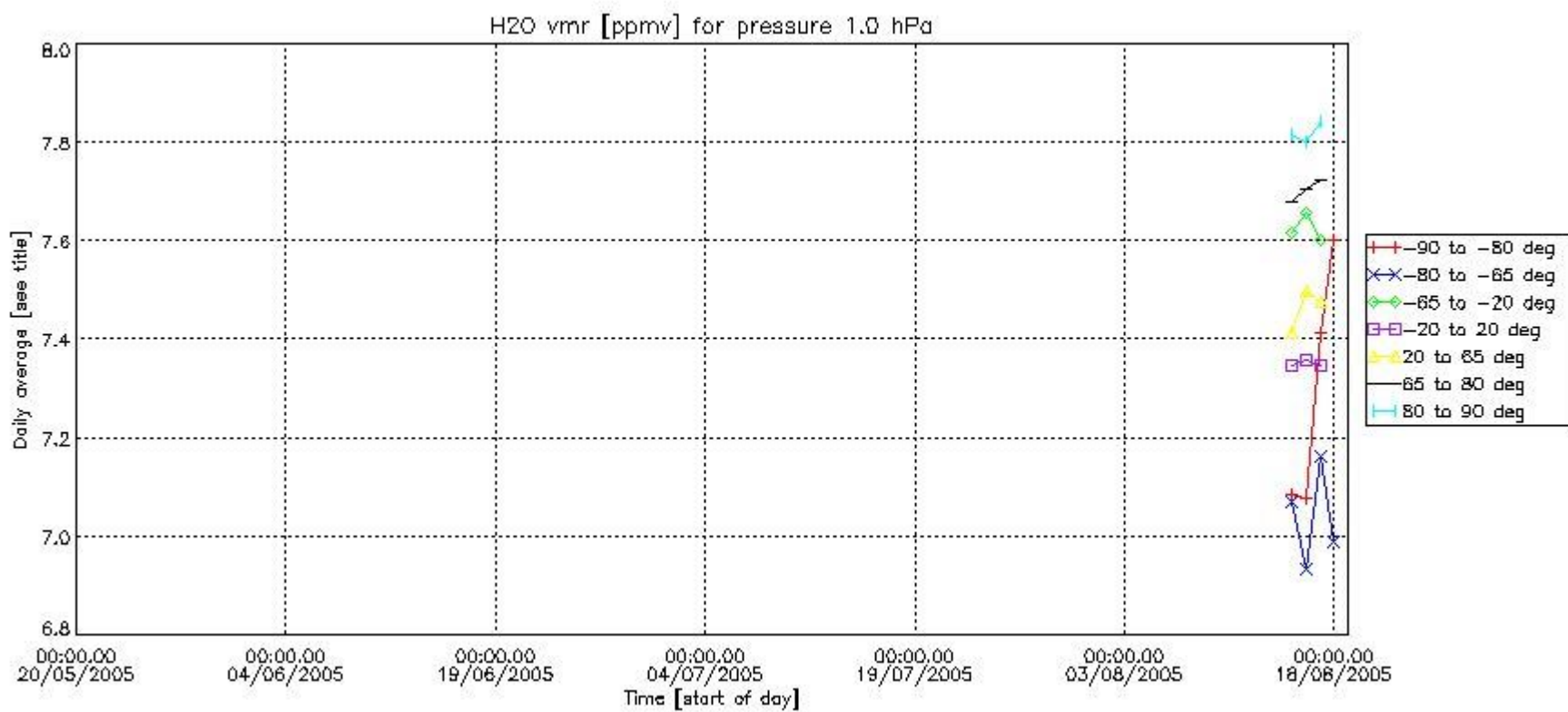
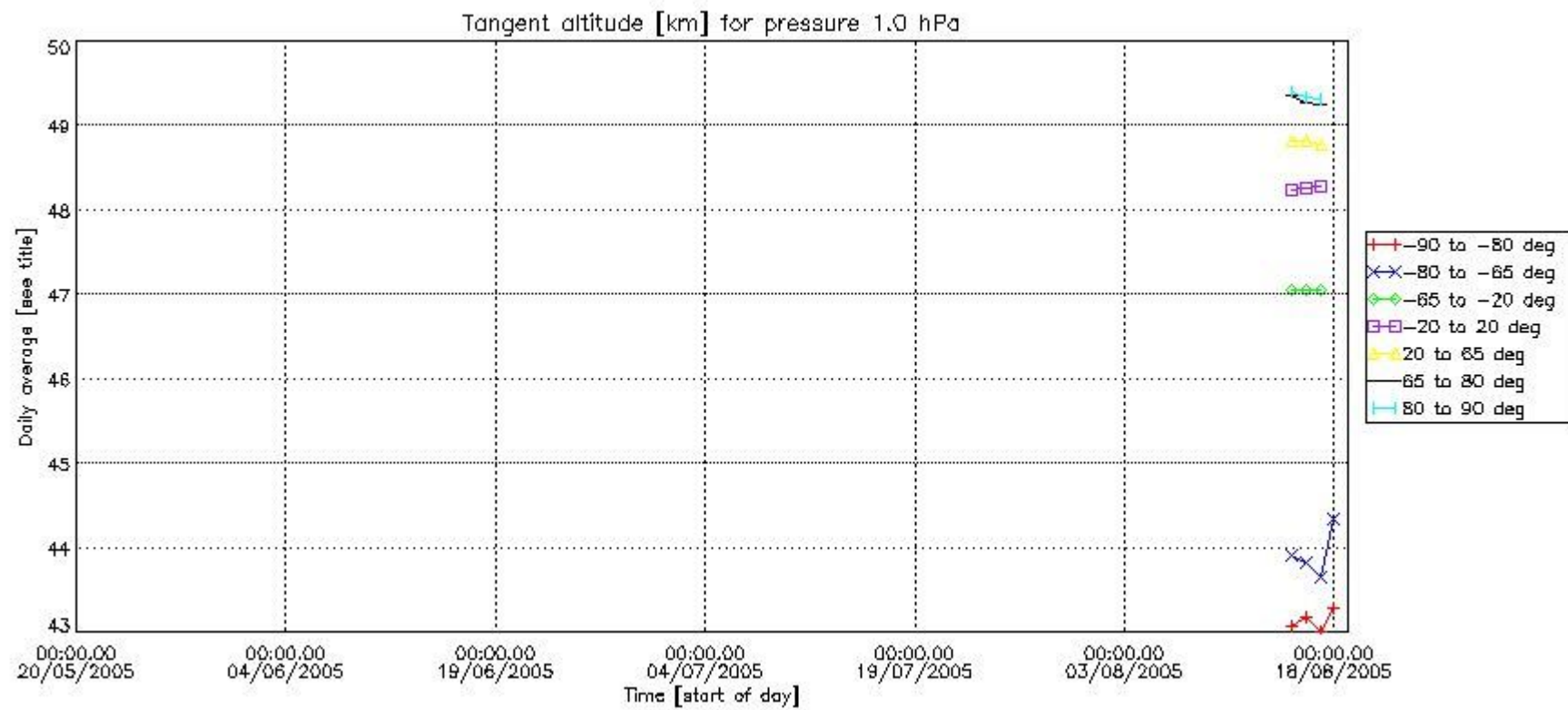


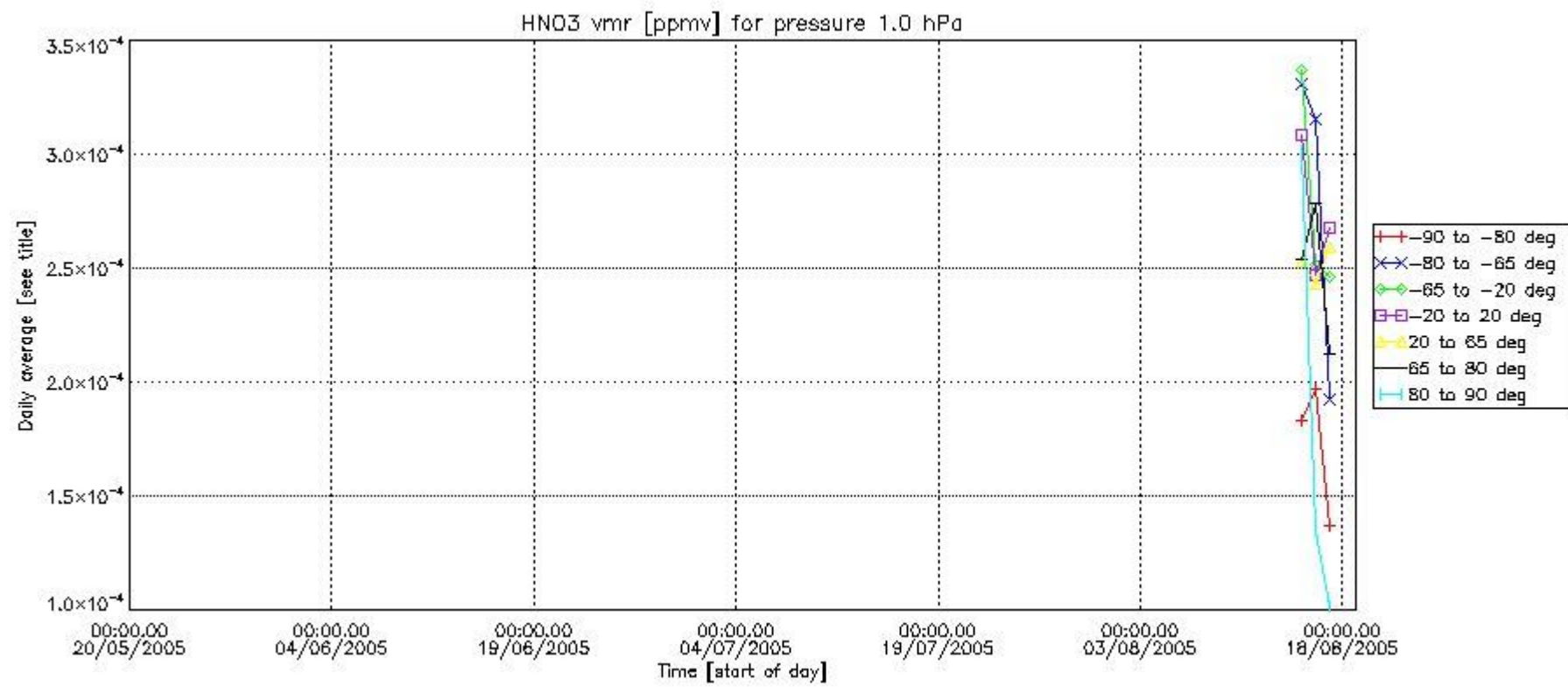
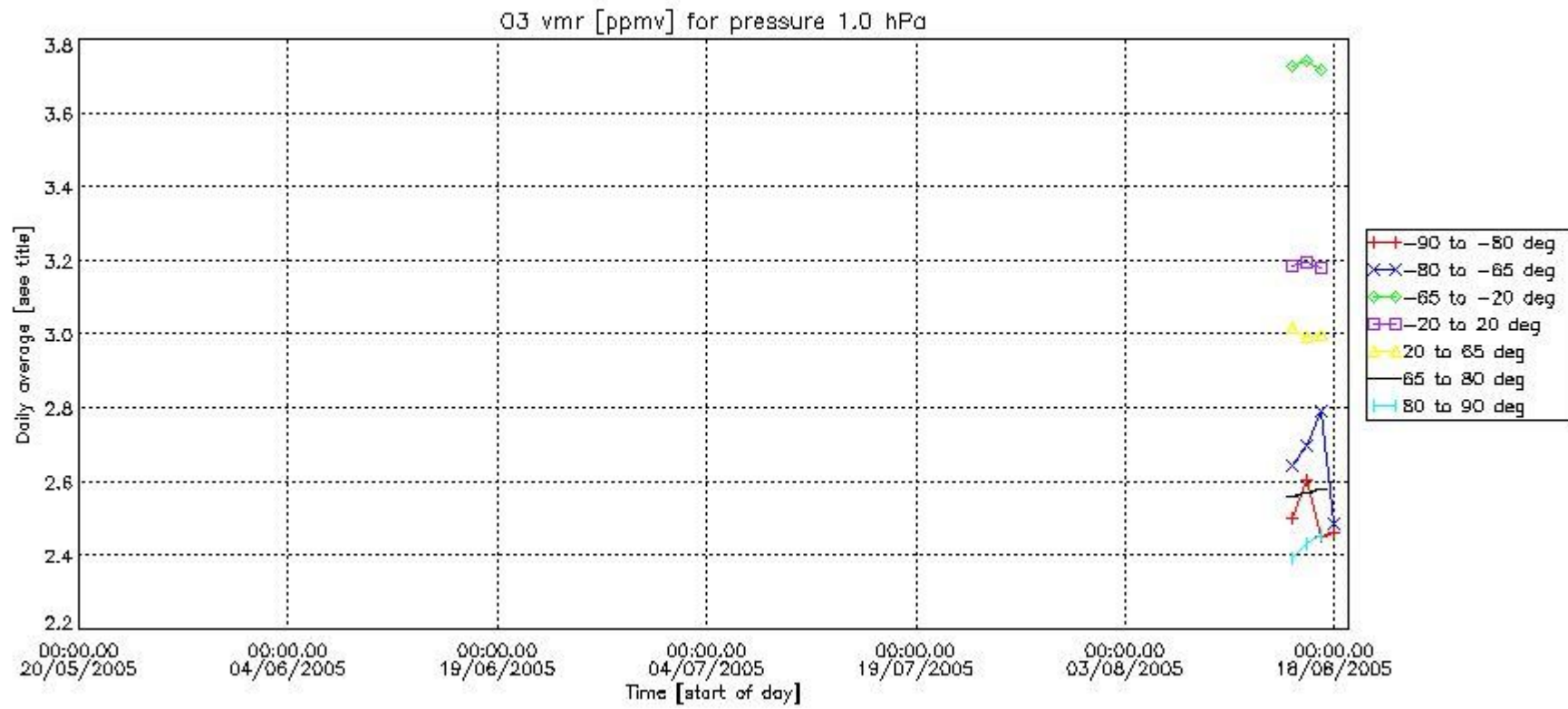


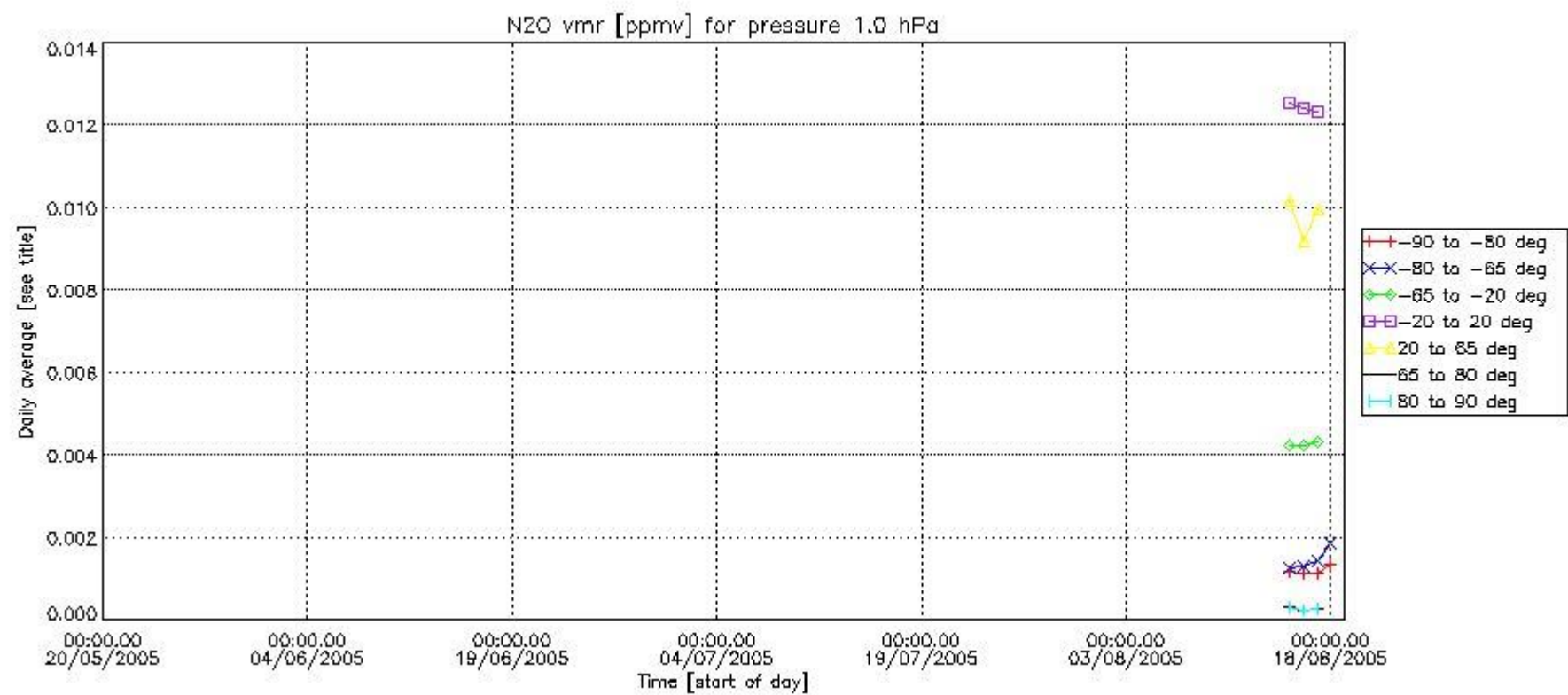
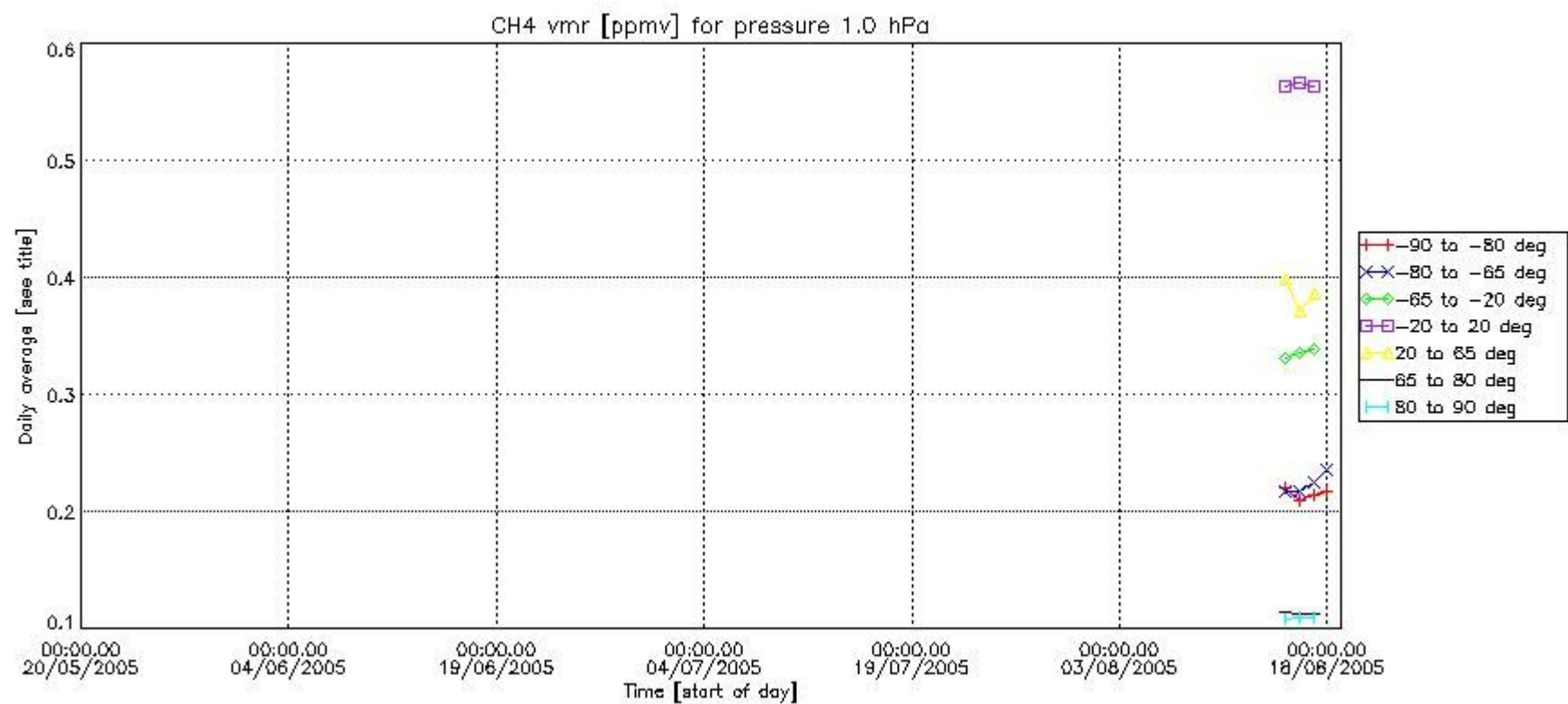


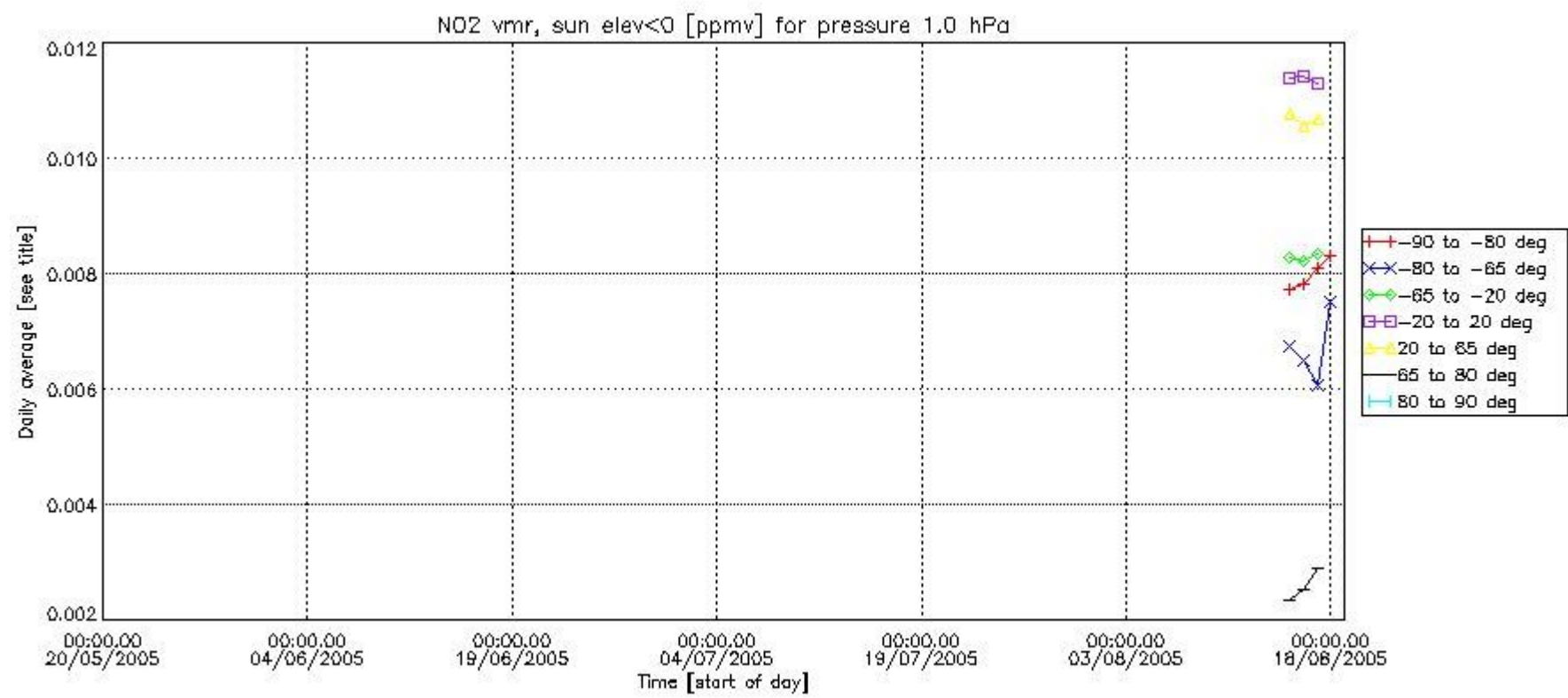
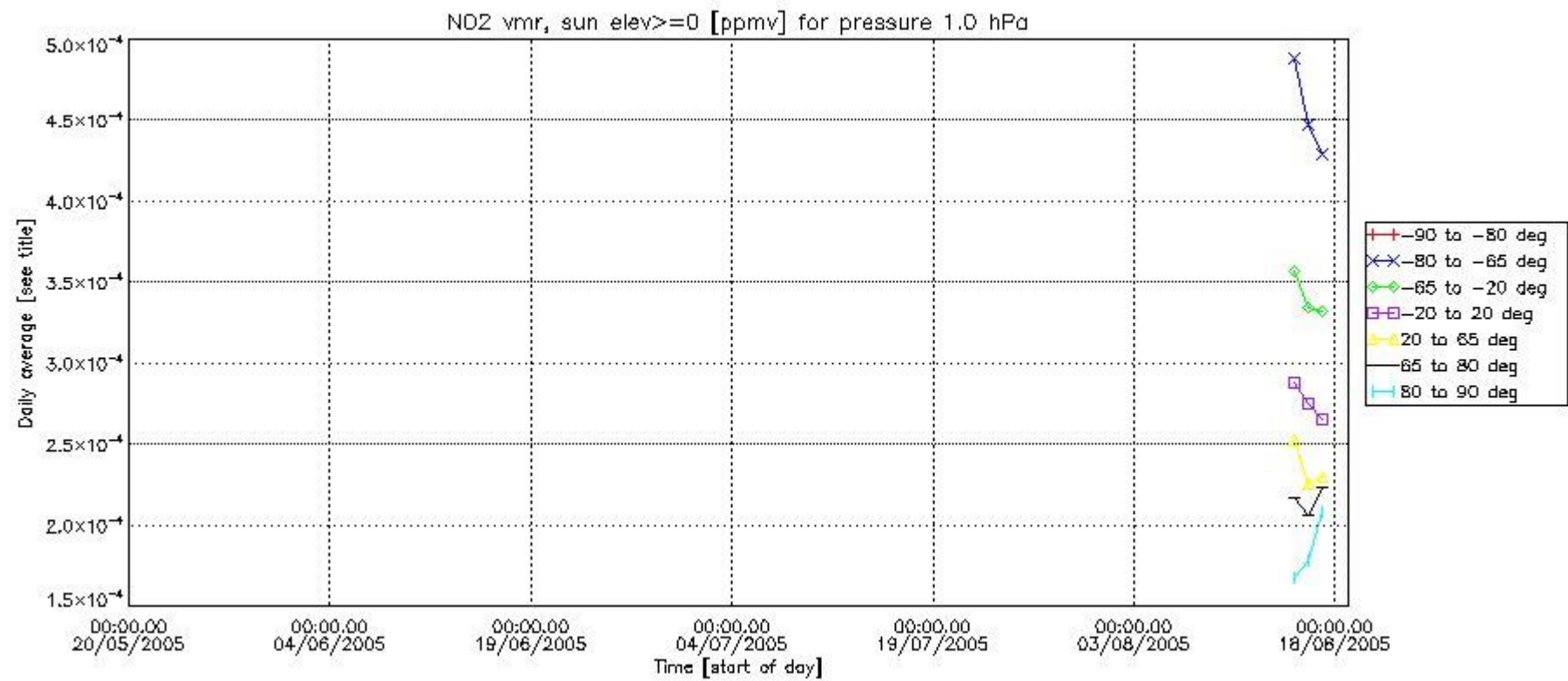




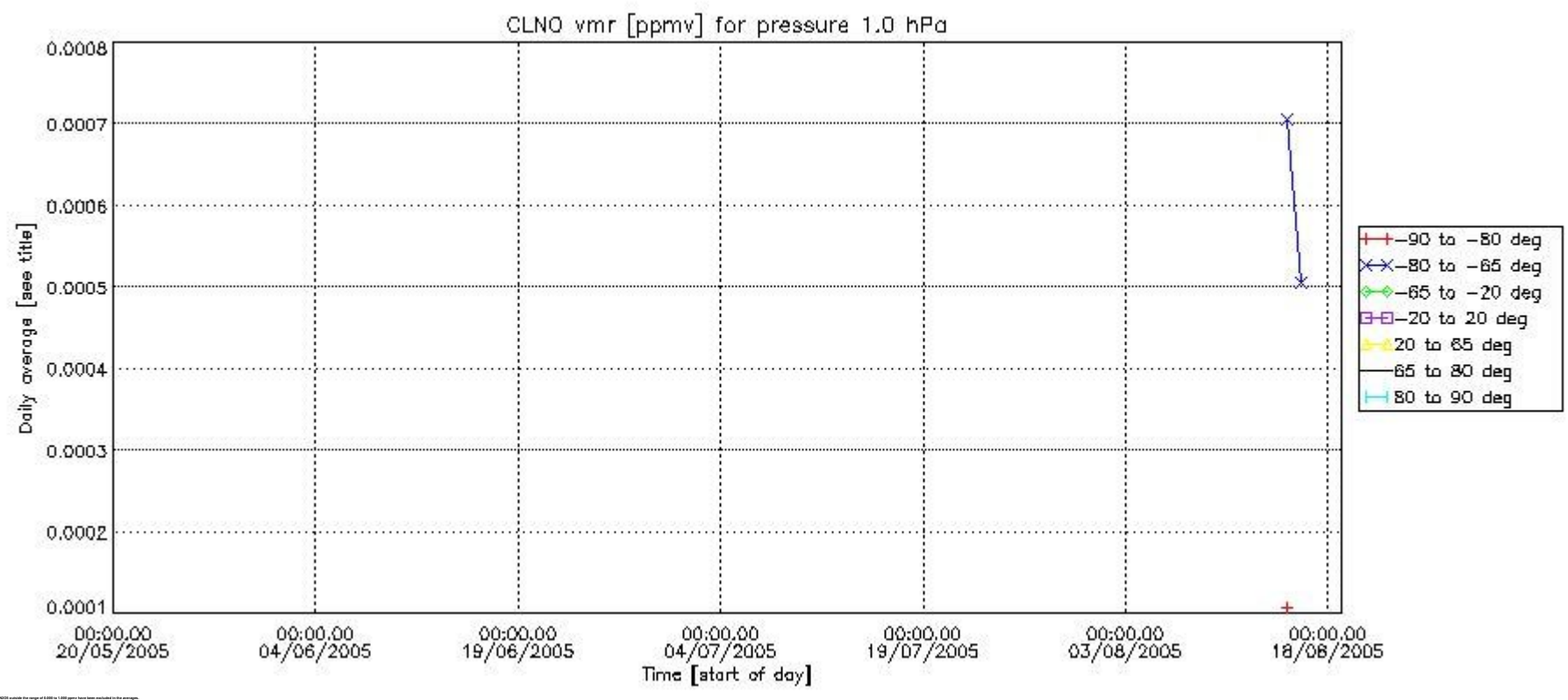
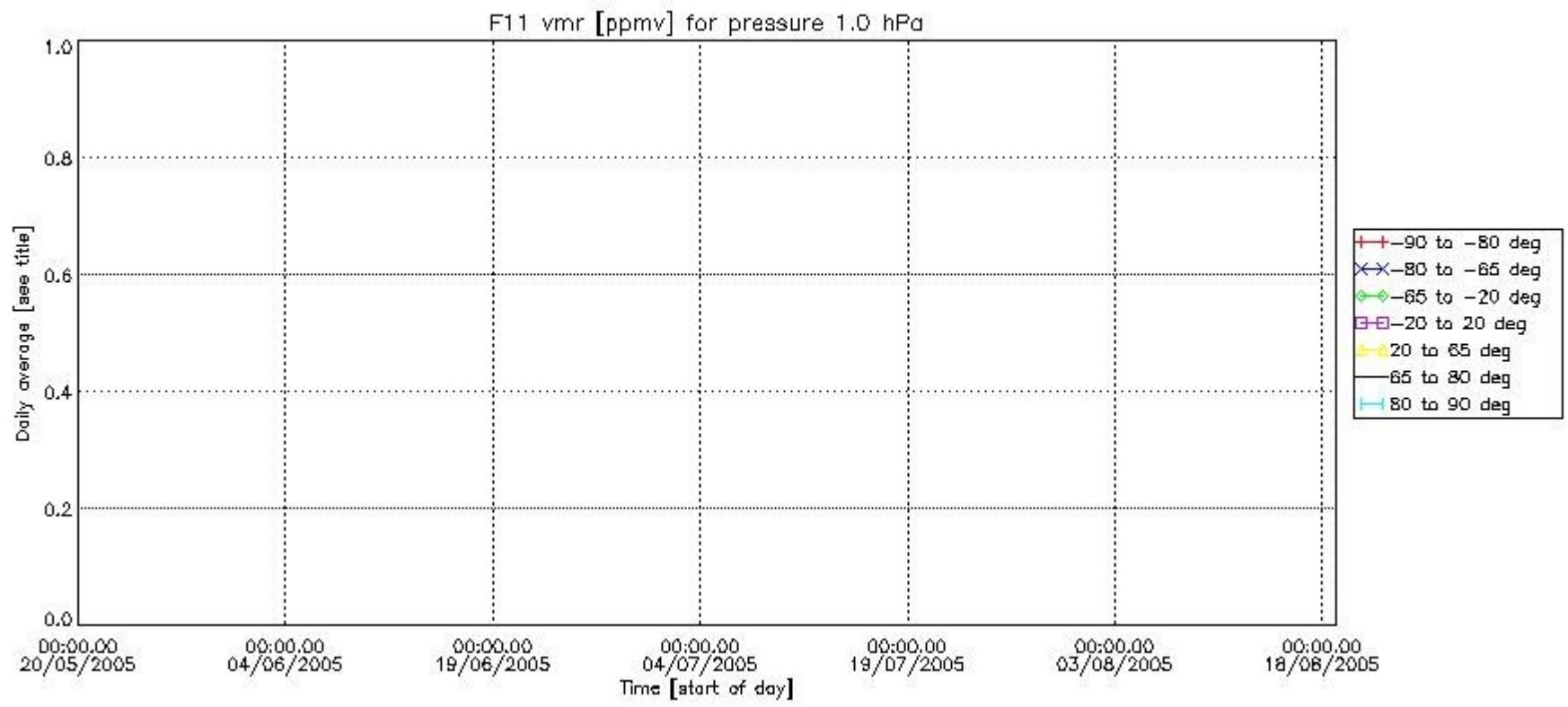




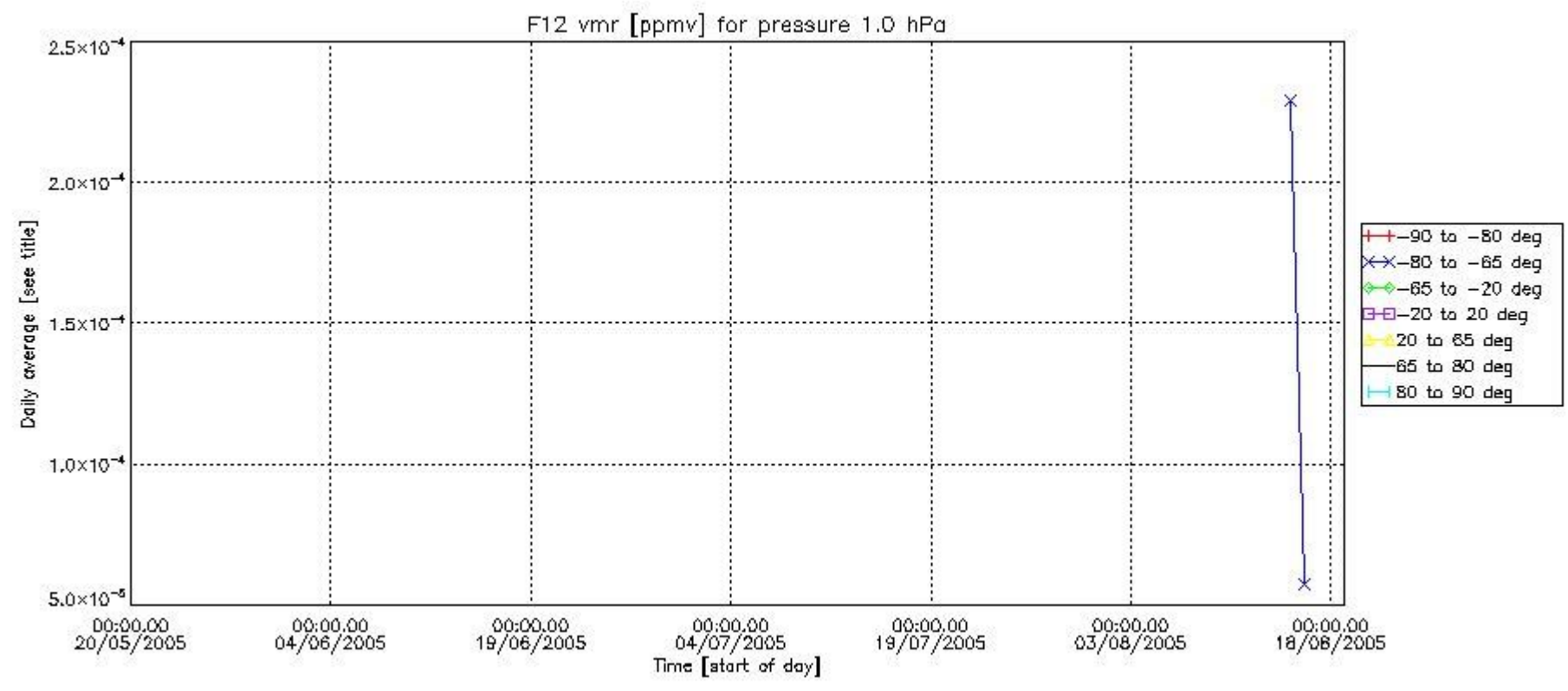
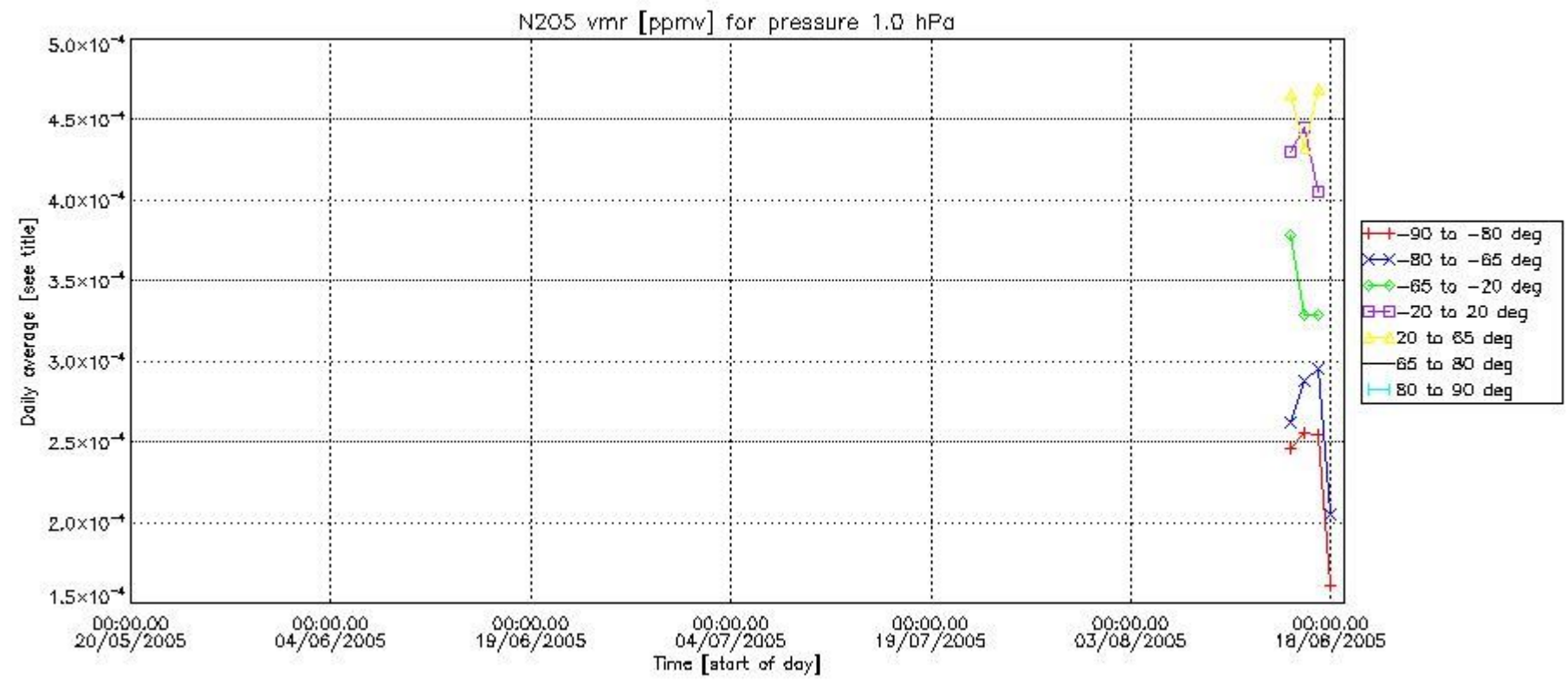


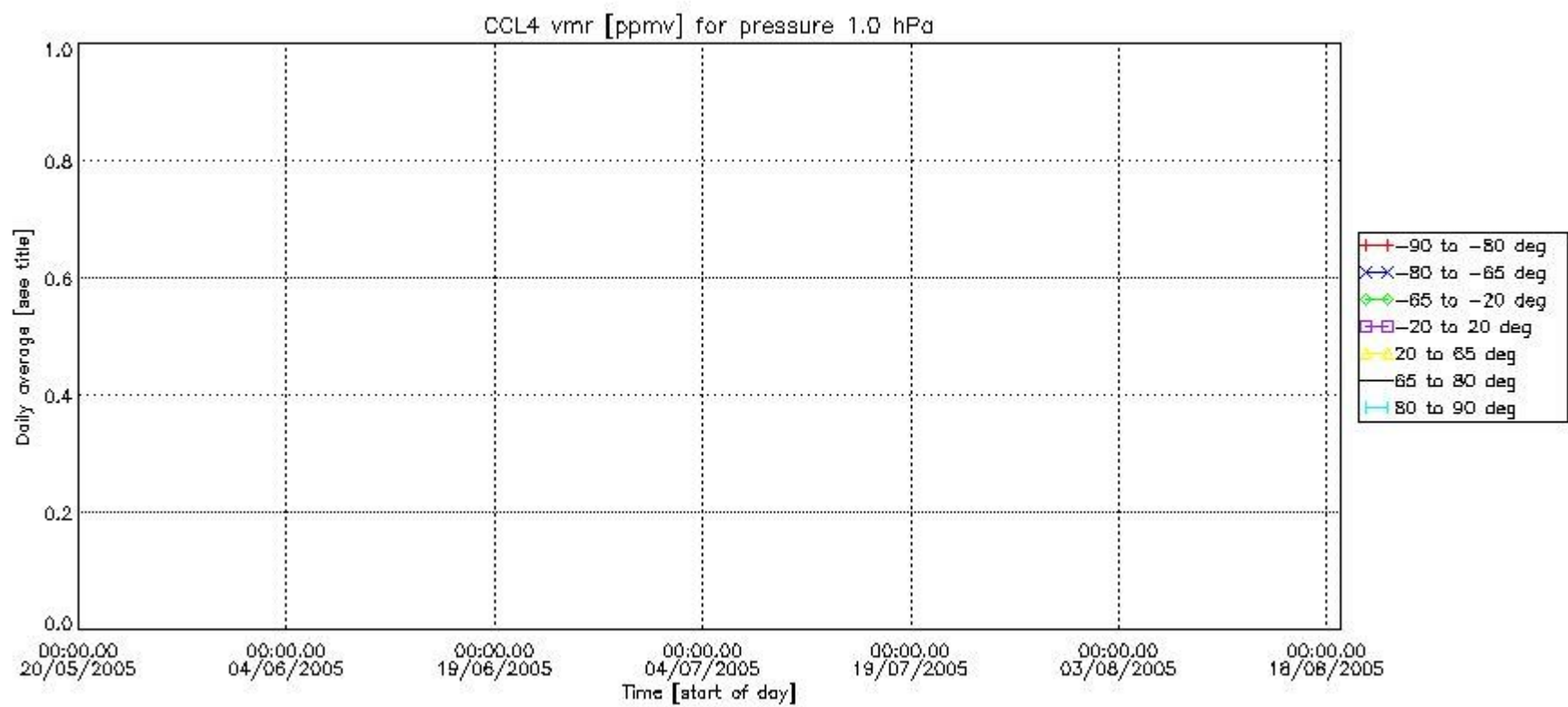
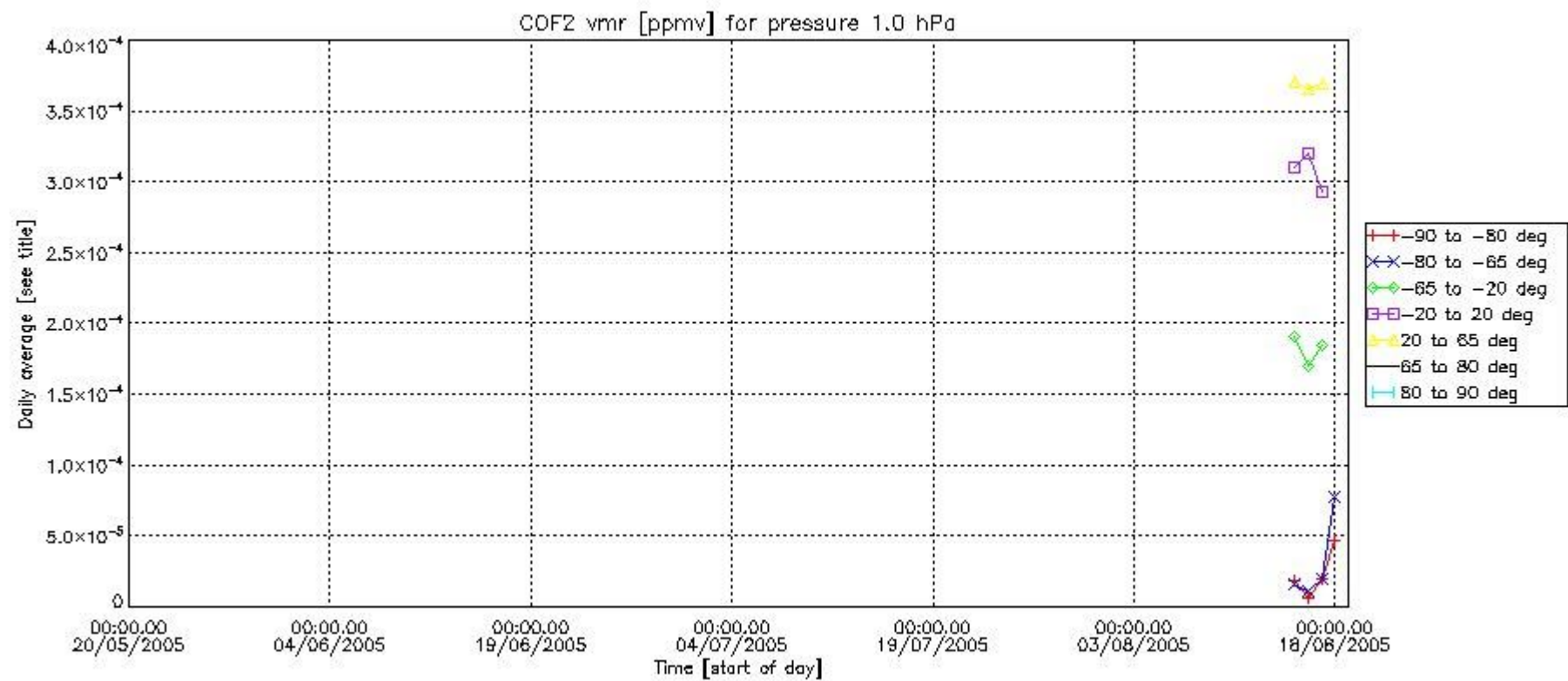


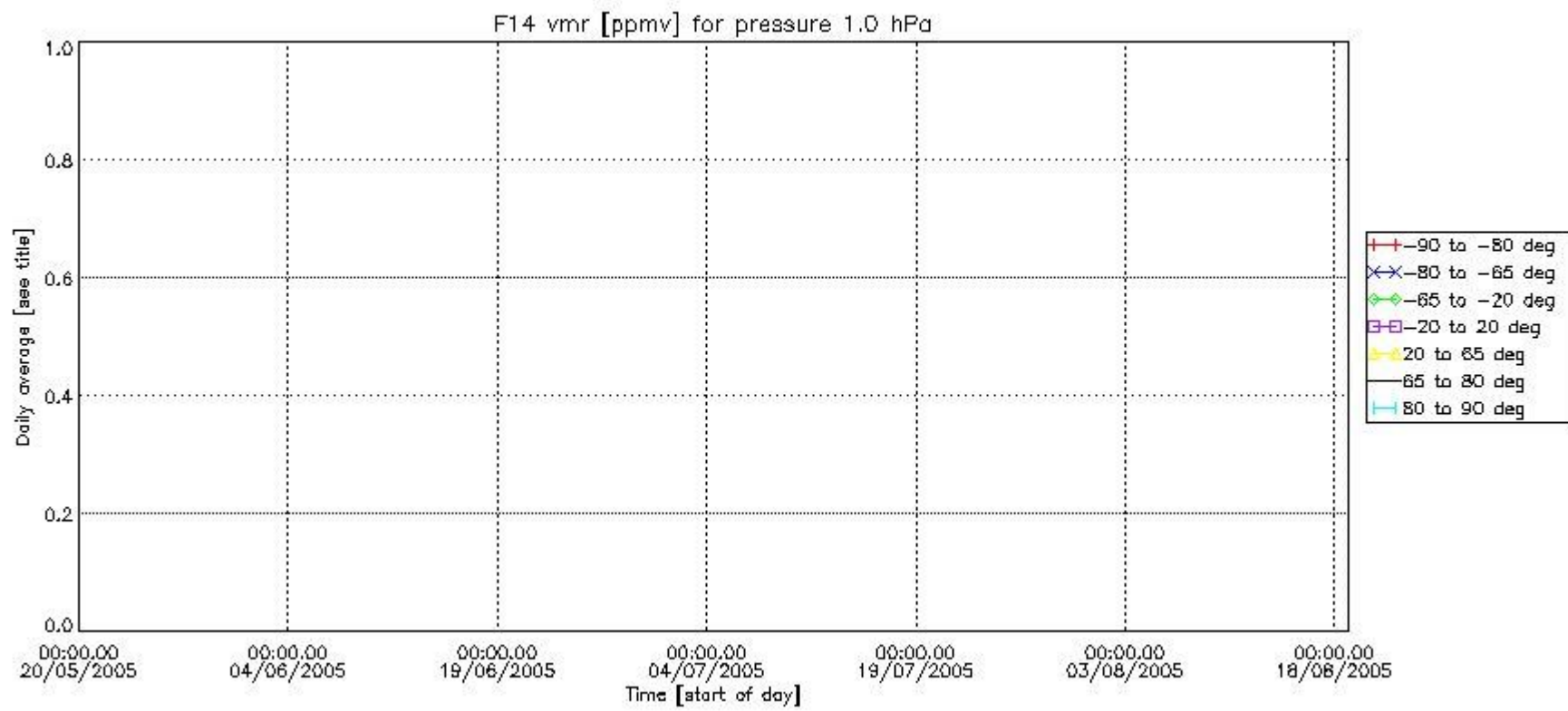
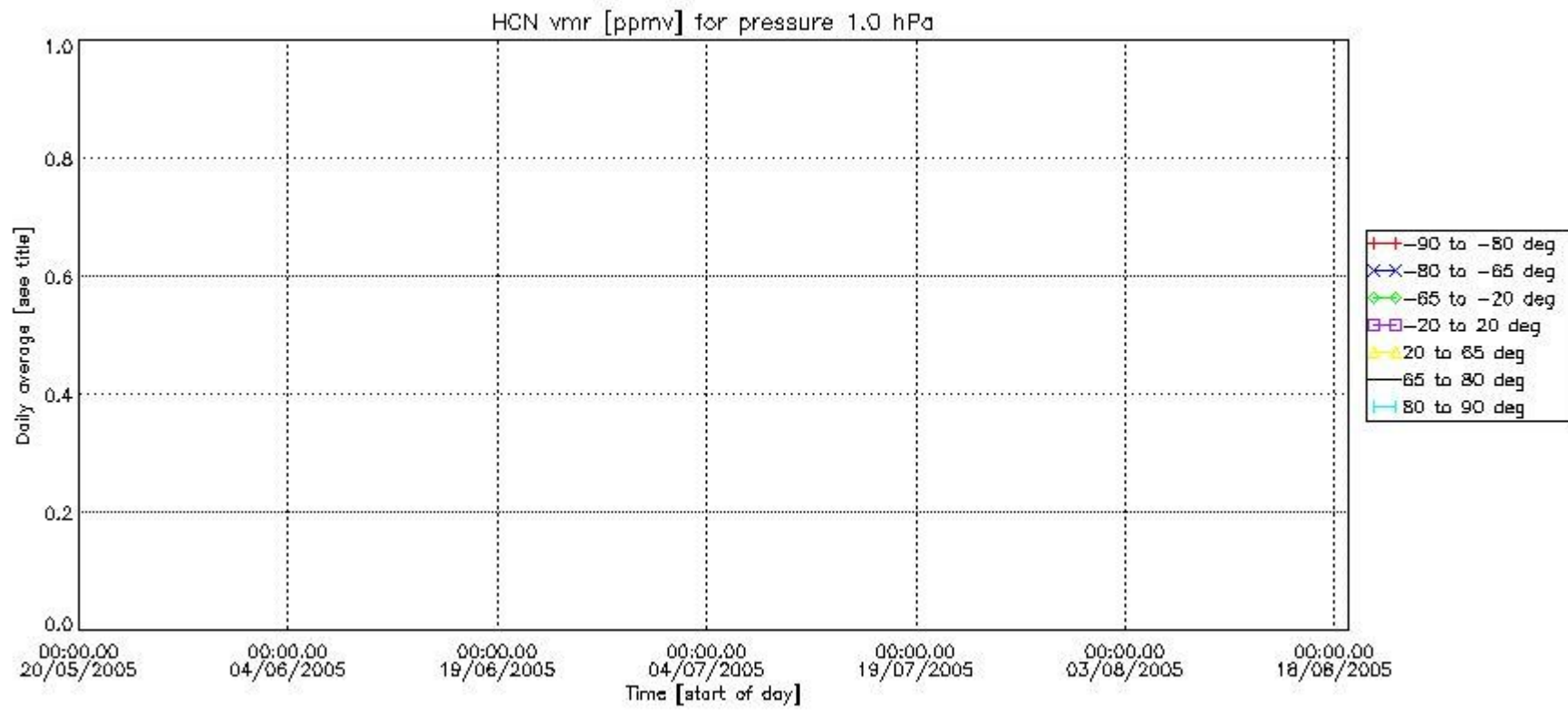


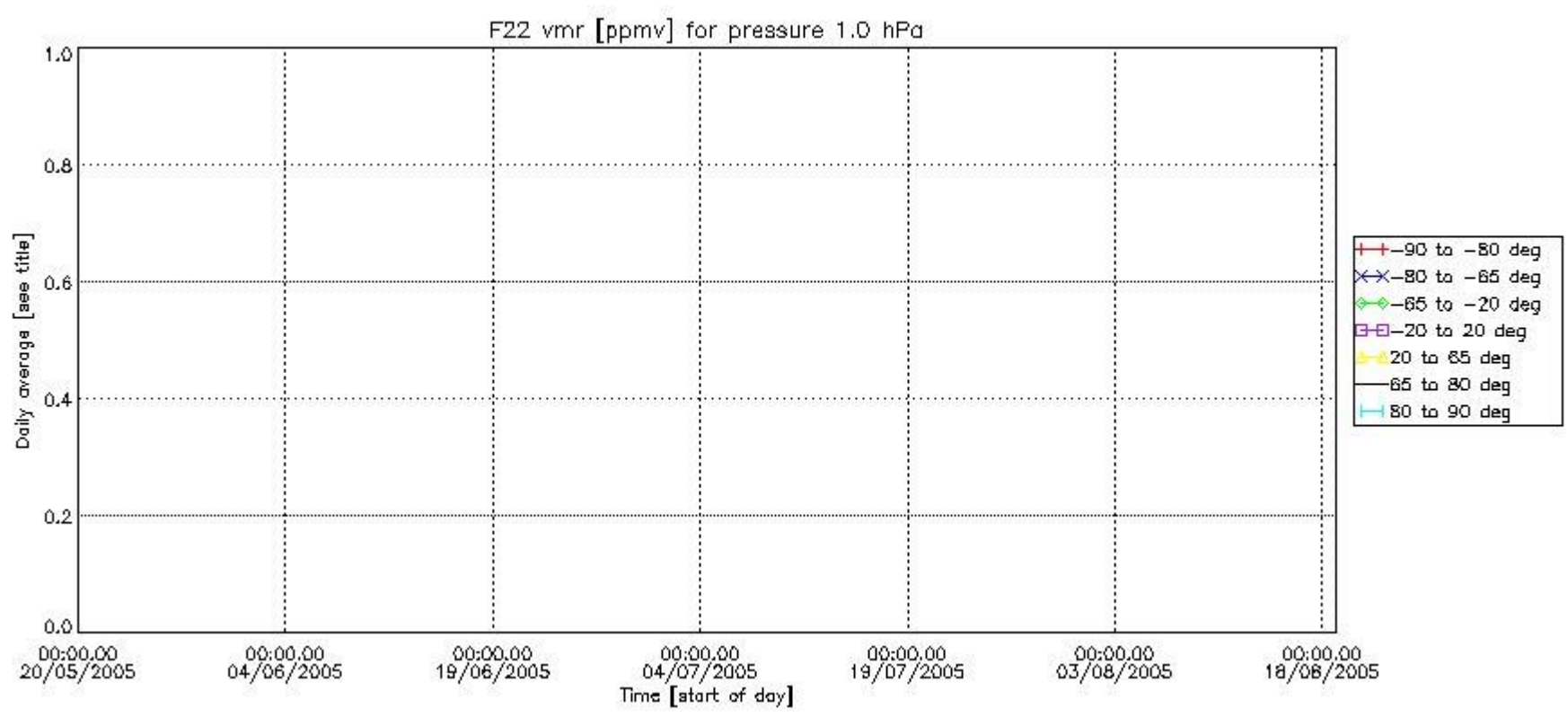












Number of successful retrievals vs. geolocation (\*=day side , triangle=night side).

