

2. MIPAS Daily Report for level 2 products summary report

(See [mipas_daily_report_level2_ML2PP_7_03_W_20051004.html](#) for a detailed report).

2.1. General Info

- [2.1.1 Report summary](#)
- [2.1.2 Summary per product](#)

2.2 Processing performance indicators

- [2.2.1 Successful retrievals](#)
- [2.2.2 Pressure overview](#)
- [2.2.3 Temperature overview](#)
- [2.2.4 Species overview](#)
- [2.2.5 History of daily averages](#)

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 15:20:19
Data source version	ML2PP/7.03-W
Processing scope for products	04OCT2005 00:00:00 to 05OCT2005 00:00:00
Start time of first product within scope	03OCT2005 23:00:34
Stop time of last product within scope	05OCT2005 00:09:32
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_2PWDSI20051003_230034_000060362041_00202_18793_1000.N1	03OCT2005 23:00:34	04OCT2005 00:41:10	0	133/133	VMR_TERM_MACRO_MICRO[O3/micro:1; HCN/micro:1]
1	MIP_NL_2PWDSI20051004_004116_000005062041_00203_18794_1000.N1	04OCT2005 00:41:16	04OCT2005 00:49:42	0	11/11	
2	MIP_NL_2PWDSI20051004_054637_000044802041_00206_18797_1000.N1	04OCT2005 05:46:37	04OCT2005 07:01:16	0	74/74	
3	MIP_NL_2PWDSI20051004_081553_000000822041_00207_18798_1000.N1	04OCT2005 08:15:53	04OCT2005 08:17:14	0	2/2	
4	MIP_NL_2PWDSI20051004_095629_000014272041_00208_18799_1000.N1	04OCT2005 09:56:29	04OCT2005 10:20:16	0	32/32	
5	MIP_NL_2PWDSI20051004_191125_000057662041_00214_18805_1000.N1	04OCT2005 19:11:25	04OCT2005 20:47:31	0	103/103	
6	MIP_NL_2PWDSI20051004_204821_000060302041_00215_18806_1000.N1	04OCT2005 20:48:21	04OCT2005 22:28:51	0	128/128	VMR_TERM_MACRO_MICRO[CLNO/micro:1; F14/micro:1]
7	MIP_NL_2PWDSI20051004_222857_000060352041_00216_18807_1000.N1	04OCT2005 22:28:57	05OCT2005 00:09:32	0	133/133	VMR_TERM_MACRO_MICRO[HCN/micro:1]

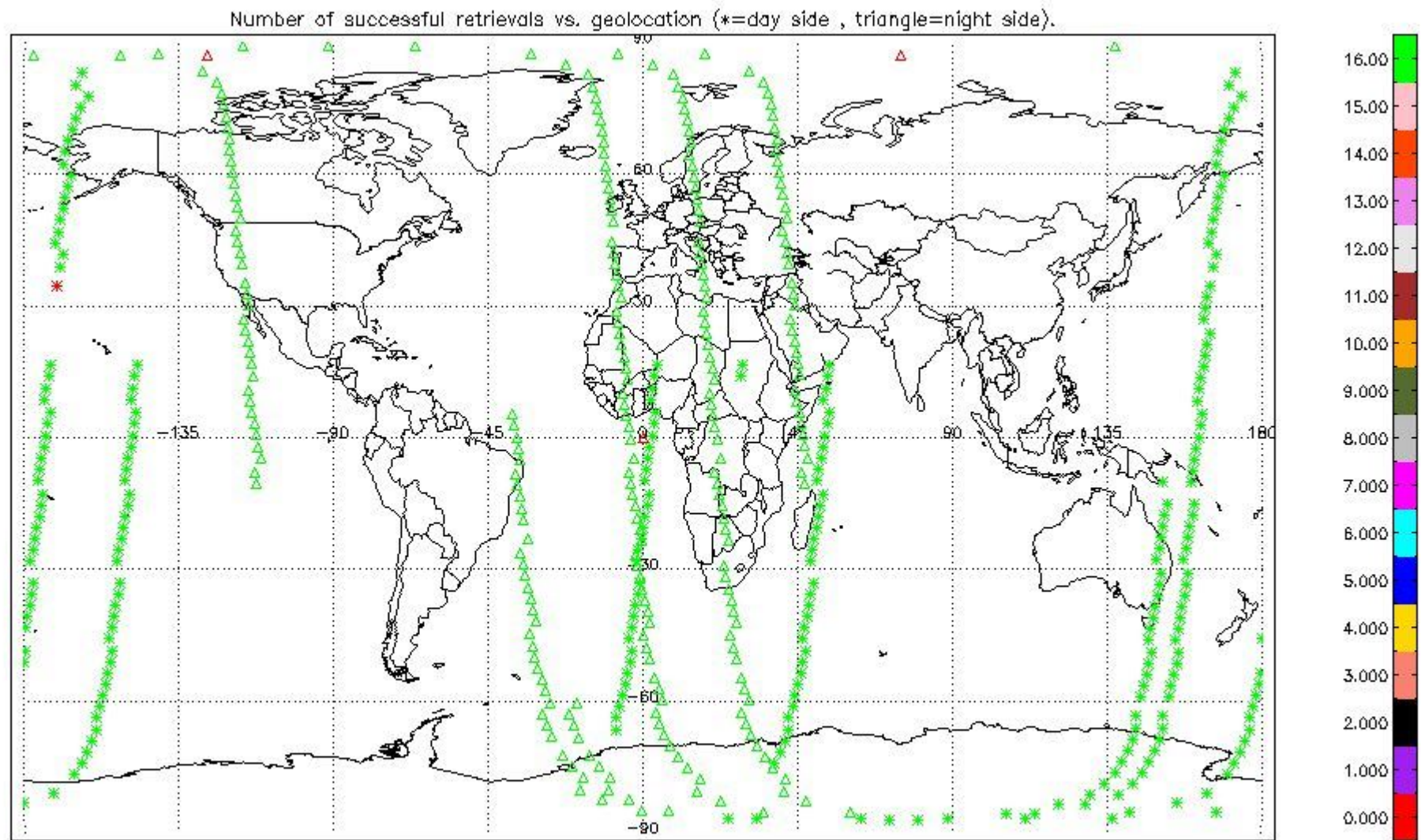
2.2 Processing performance indicators

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.

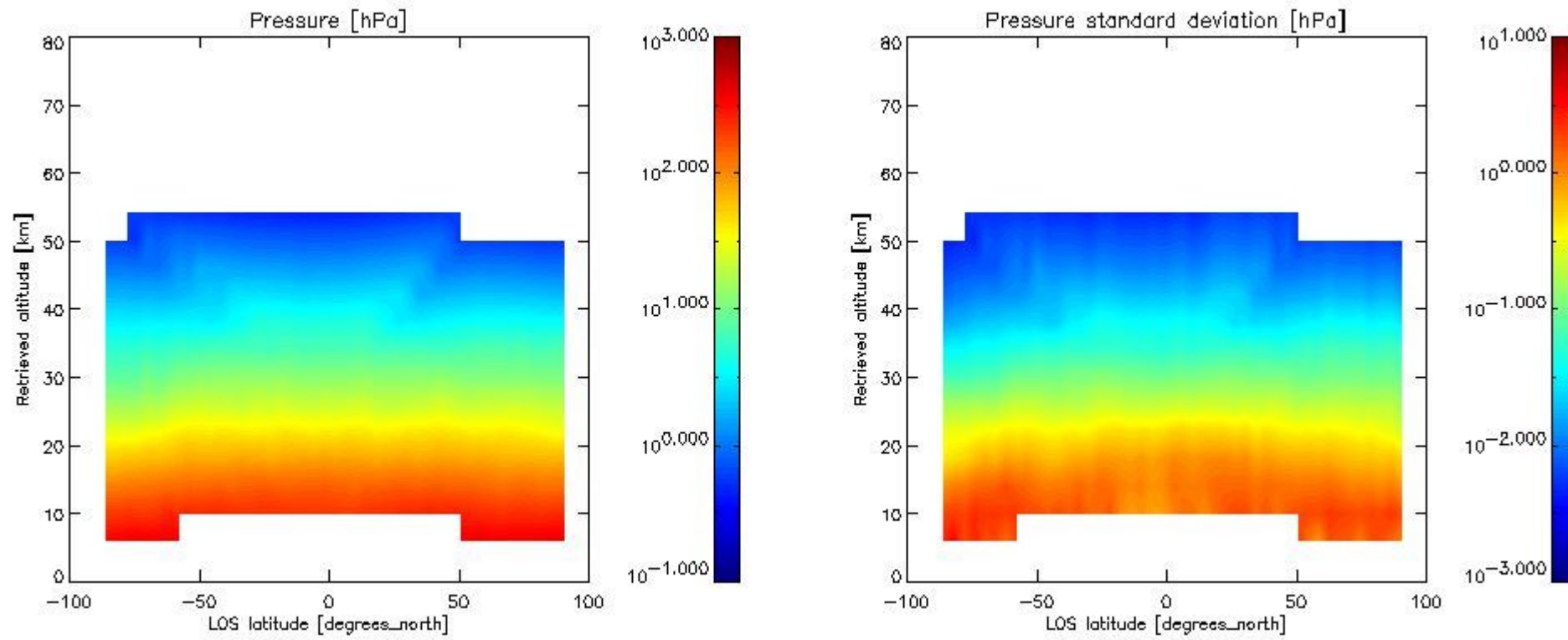
RETRIEVAL MDS	# scans processed	# Successful retrievals	%
PT	616	519	84.253
H2O	616	519	84.253

O3	616	519	84.253
HNO3	616	519	84.253
CH4	616	519	84.253
N2O	616	519	84.253
NO2	616	519	84.253
F11	616	519	84.253
CLNO	616	519	84.253
N2O5	616	519	84.253
F12	616	519	84.253
COF2	616	519	84.253
CCL4	616	519	84.253
HCN	616	519	84.253
F14	616	519	84.253
F22	616	519	84.253



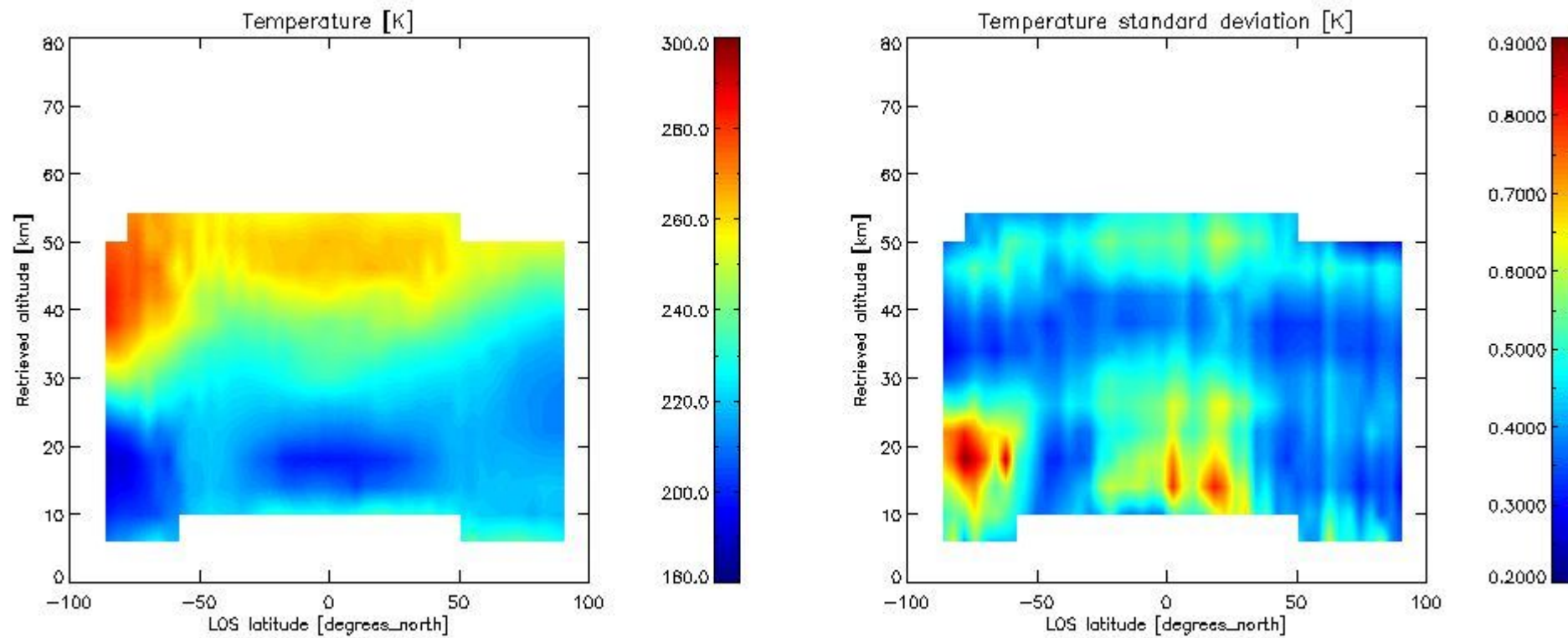
2.2.2 Pressure overview

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



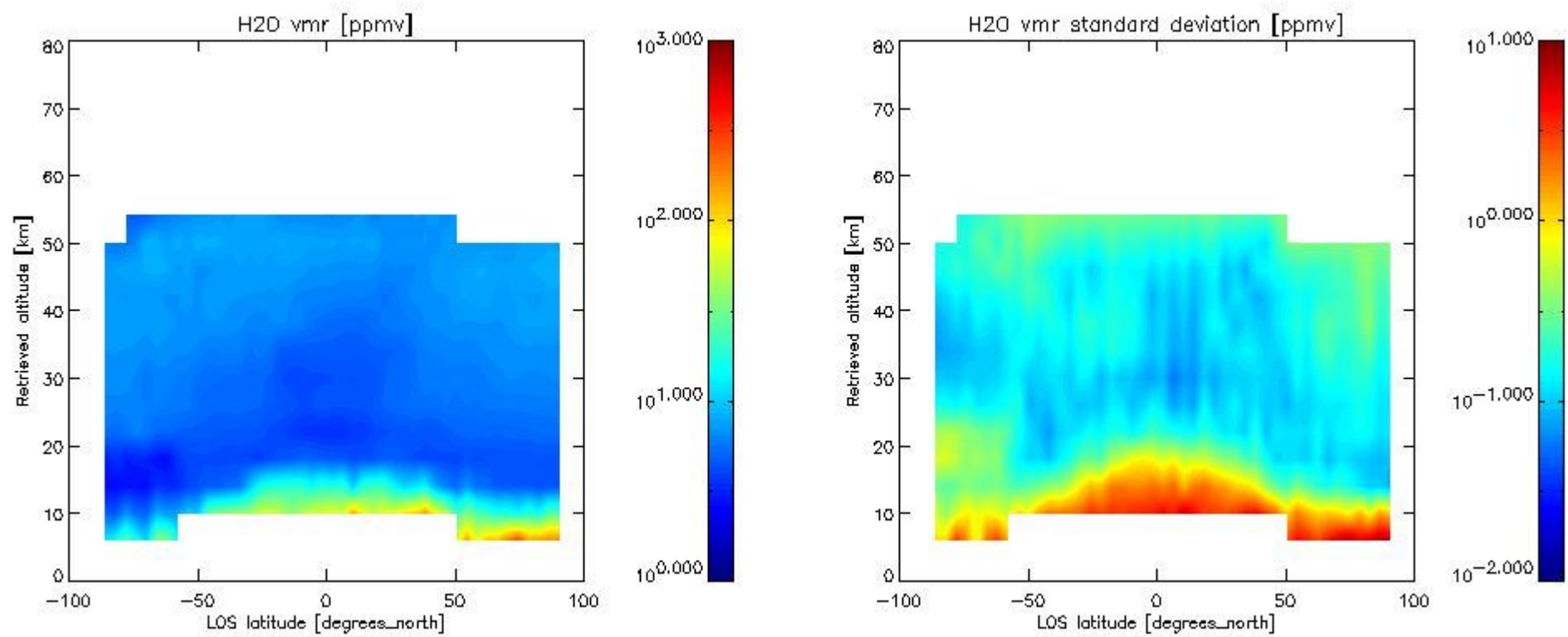
2.2.3 Temperature overview

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

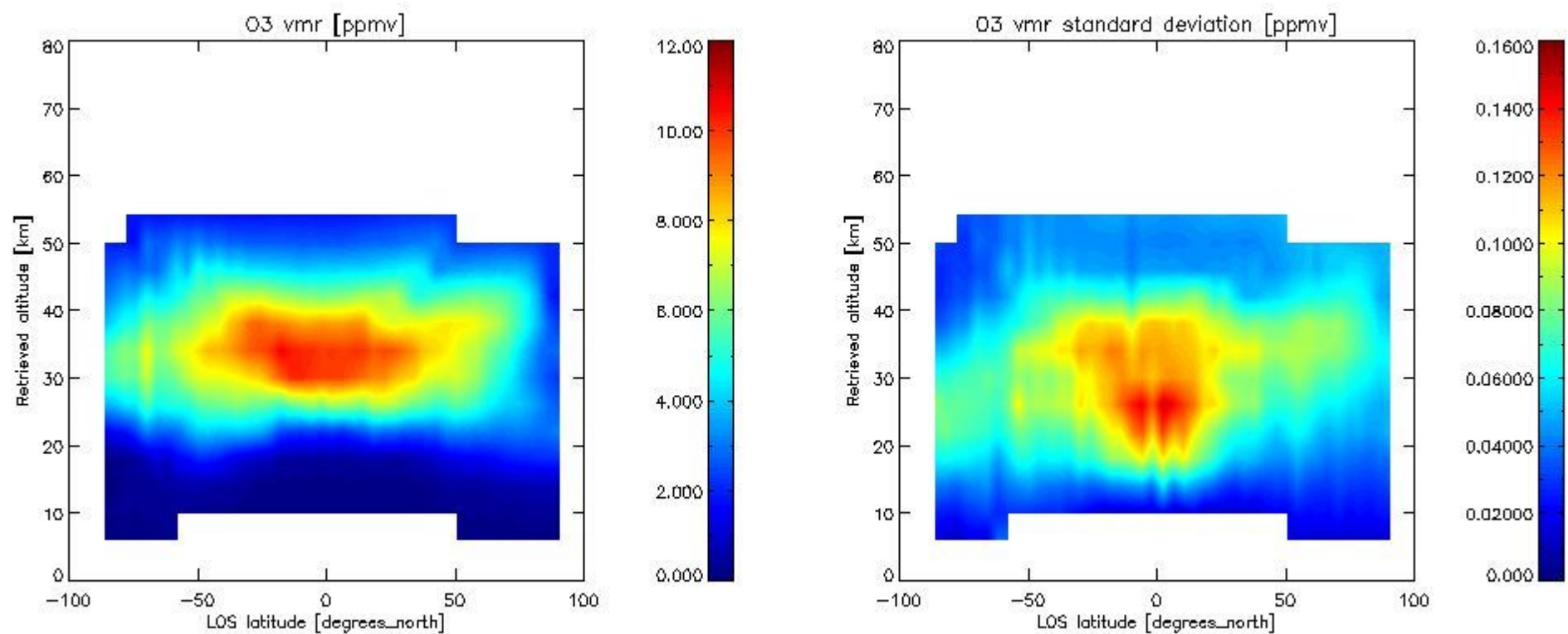


2.2.4 Species overview

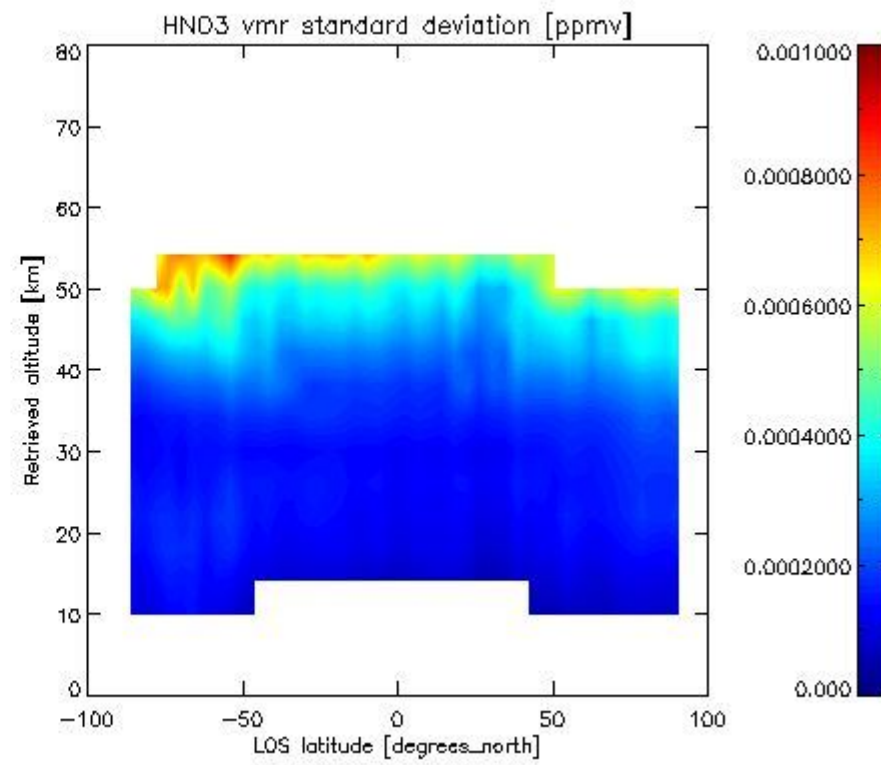
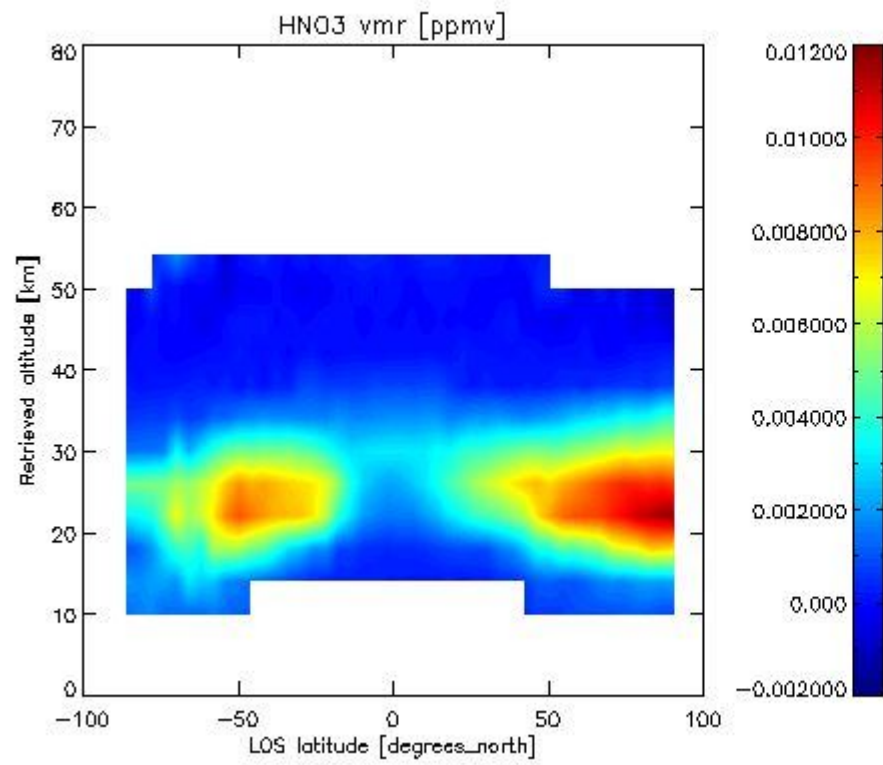
2.2.4.1 H₂O overview This section shows values (left) and error (right) for H₂O after binning individual sweep values over retrieved altitude and tangent latitude.



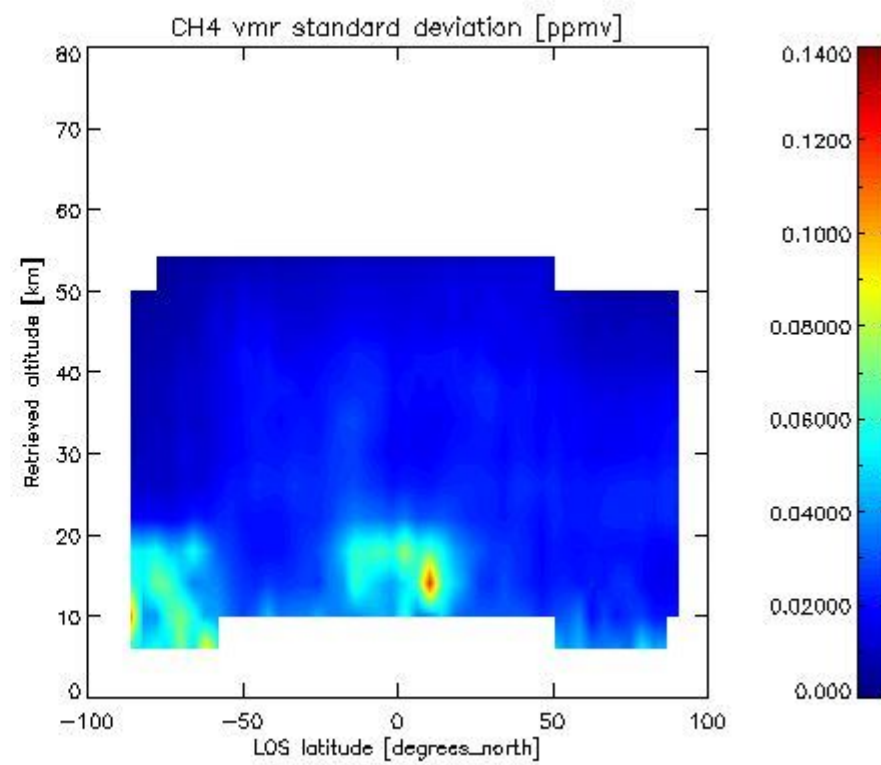
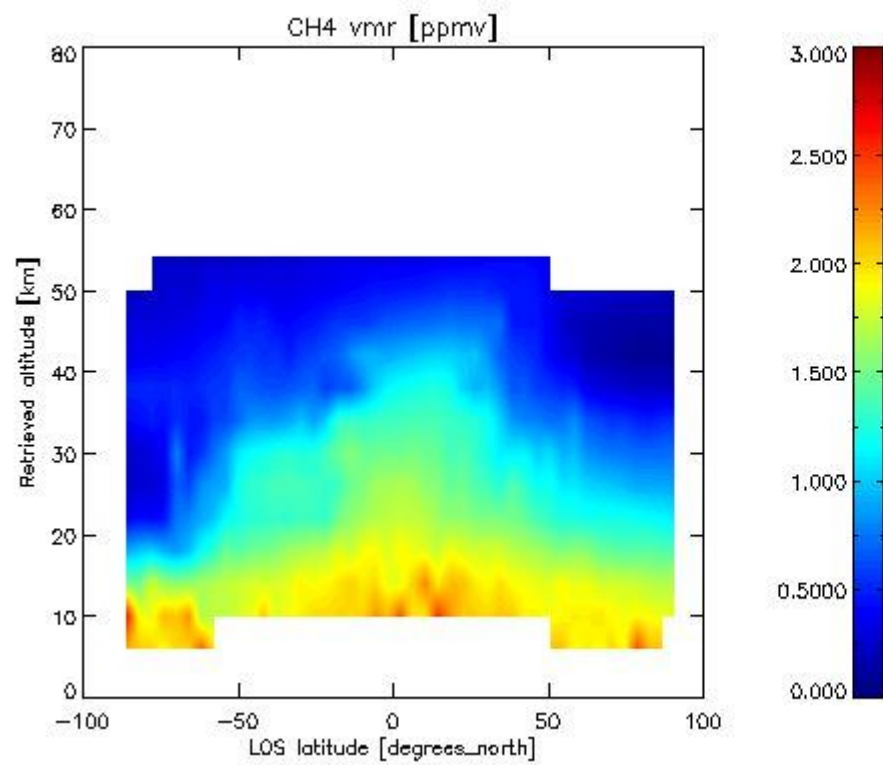
2.2.4.2 O3 overview This section shows values (left) and error (right) for O3 after binning individual sweep values over retrieved altitude and tangent latitude.



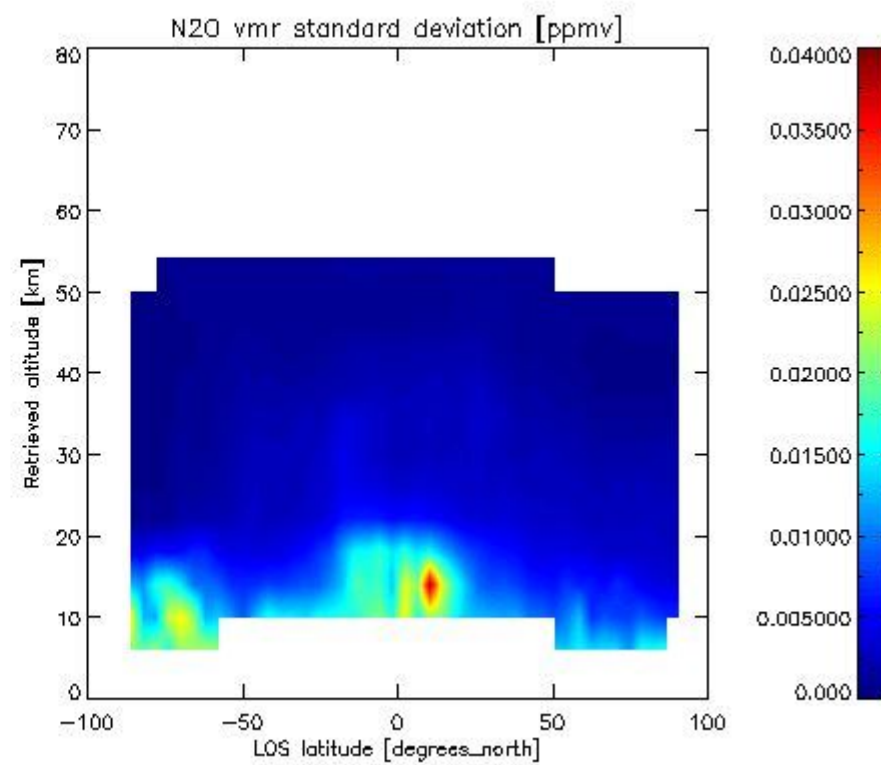
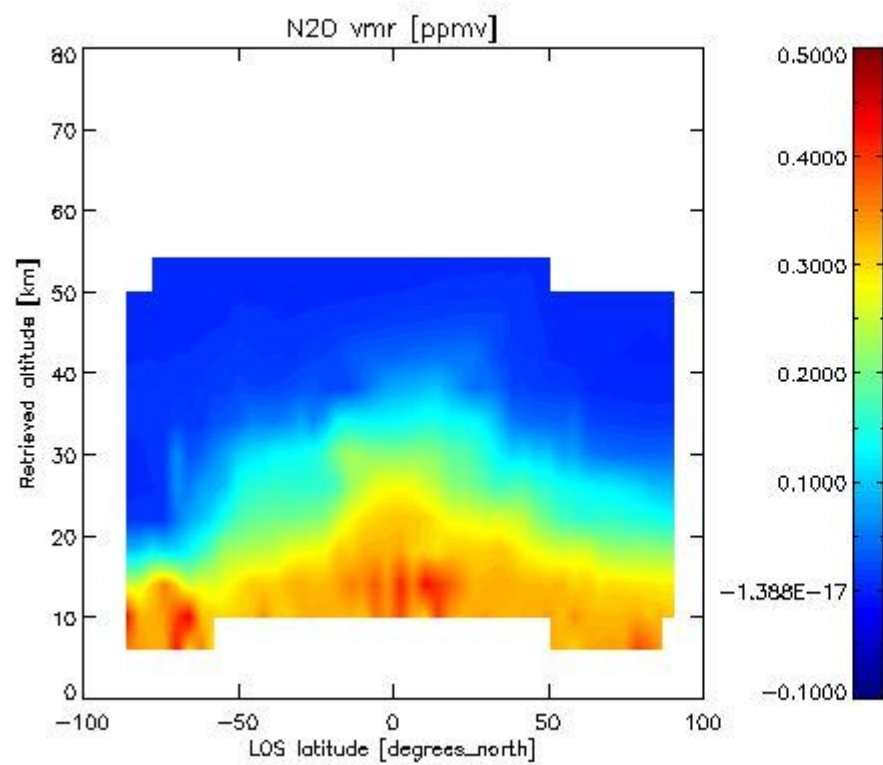
2.2.4.3 HNO3 overview This section shows values (left) and error (right) for HNO3 after binning individual sweep values over retrieved altitude and tangent latitude.



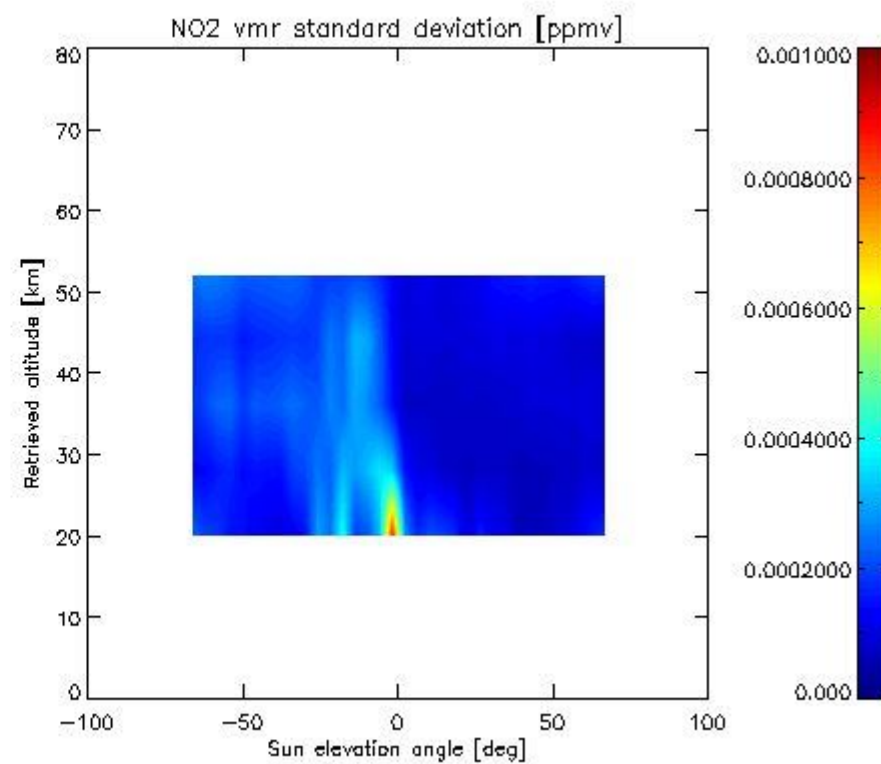
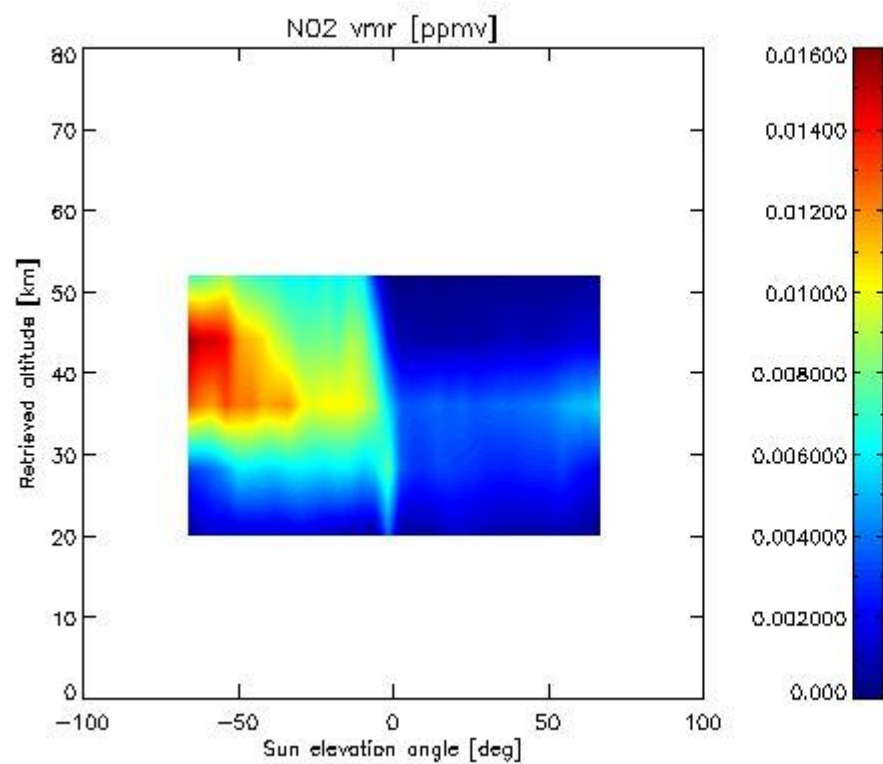
2.2.4.4 CH4 overview This section shows values (left) and error (right) for CH4 after binning individual sweep values over retrieved altitude and tangent latitude.



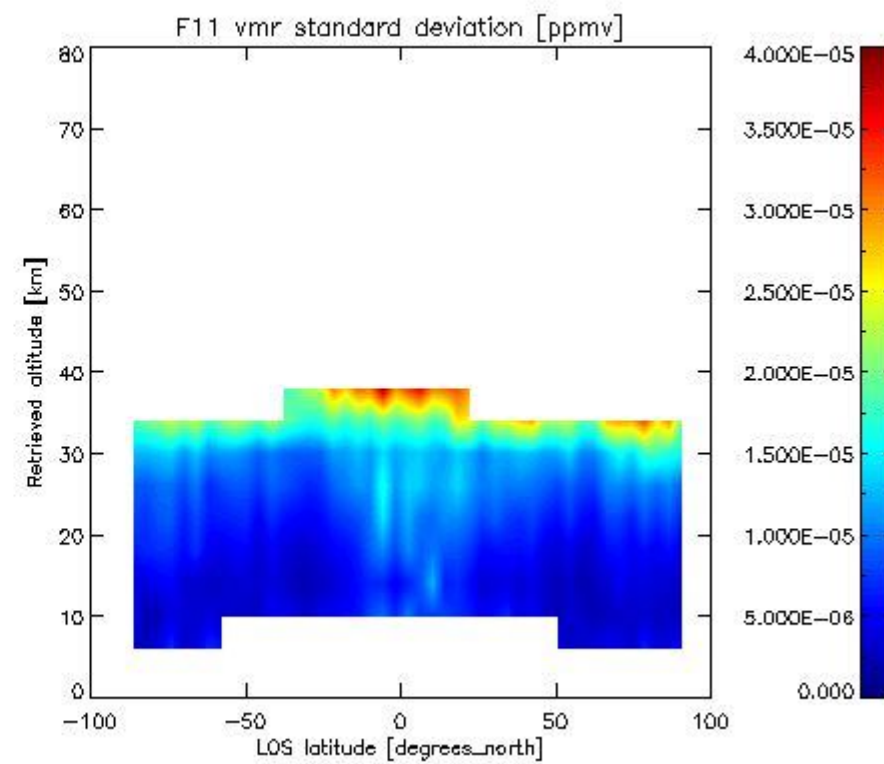
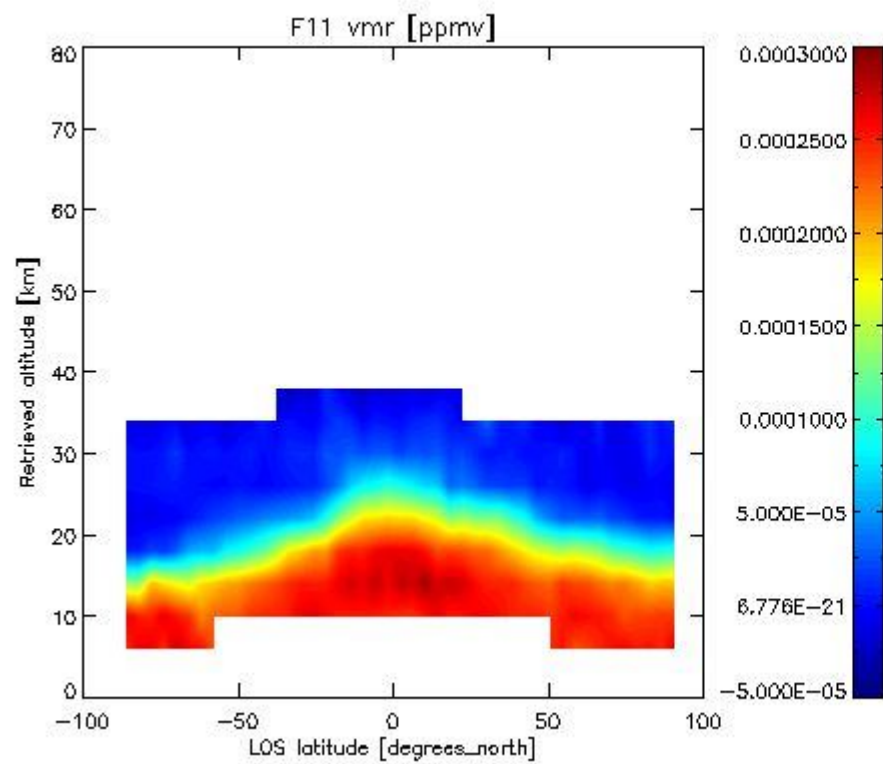
2.2.4.5 N2O overview This section shows values (left) and error (right) for N2O after binning individual sweep values over retrieved altitude and tangent latitude.



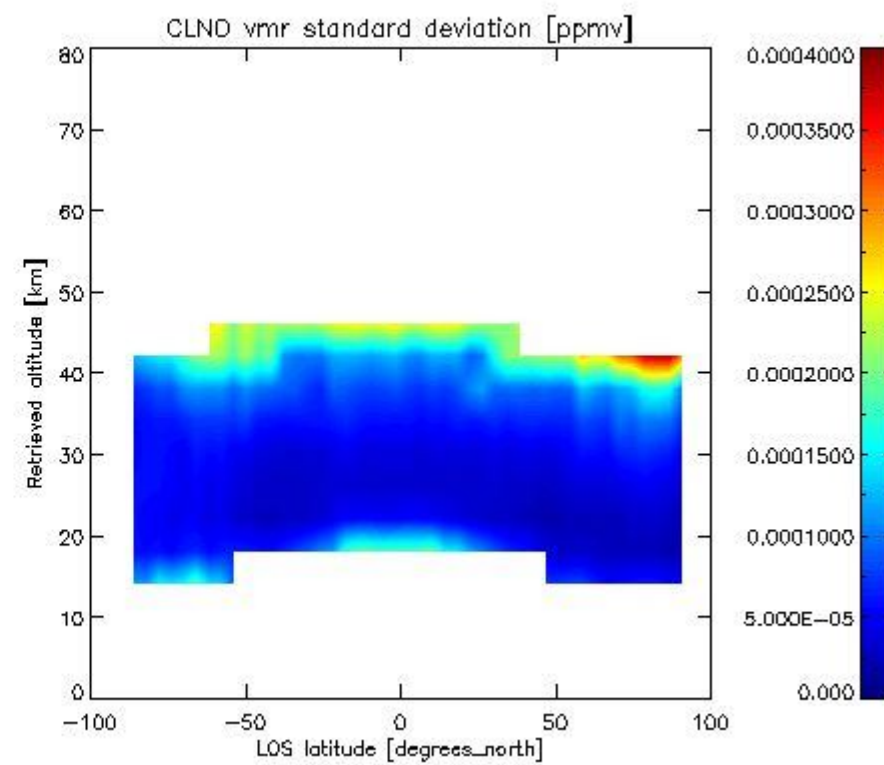
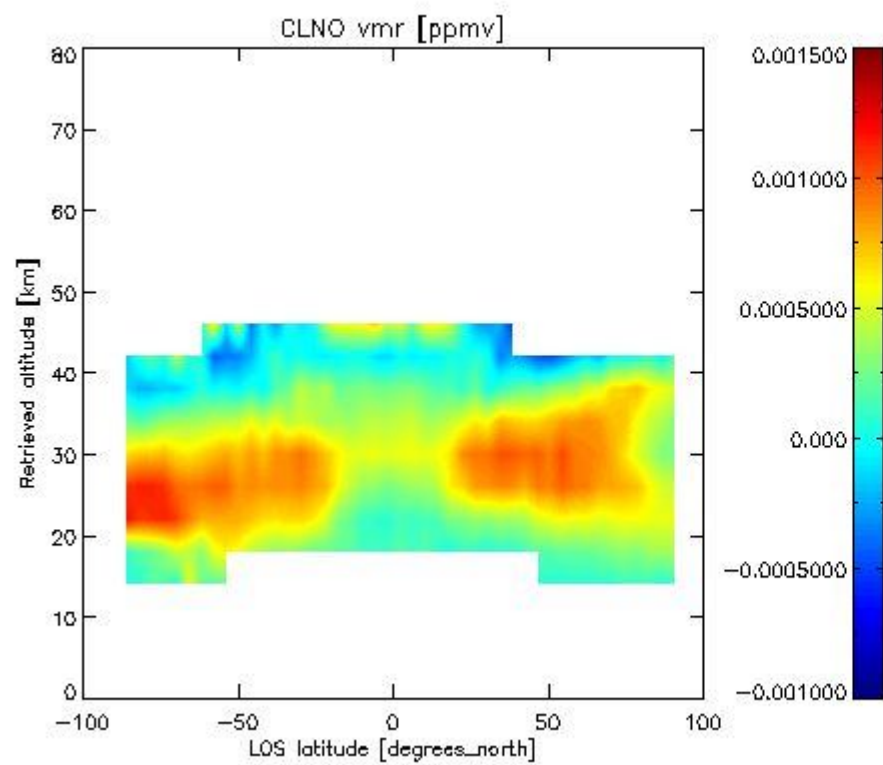
2.2.4.6 NO₂ overview This section shows values (left) and error (right) for NO₂ after binning individual sweep values over retrieved altitude and Sun Elevation Angle. Note that for NO₂ the bin heights are 6 km.

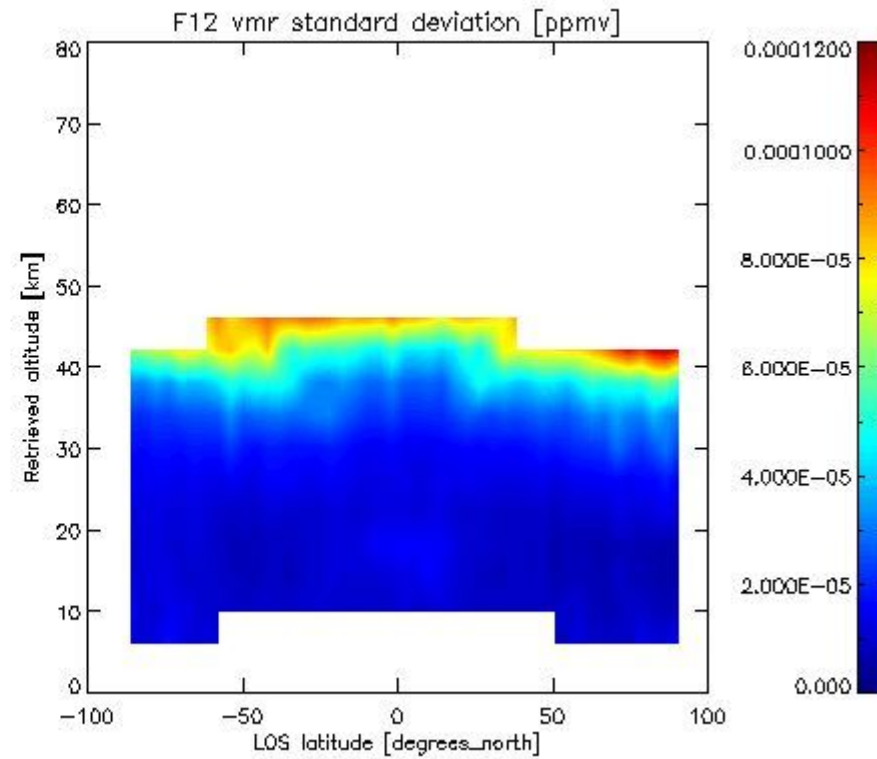
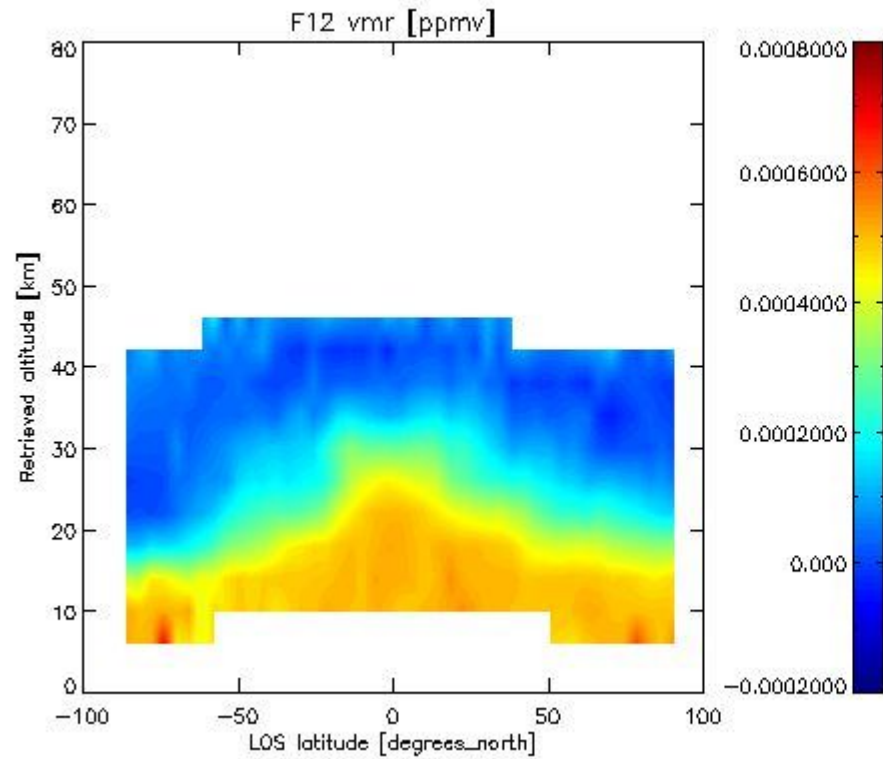
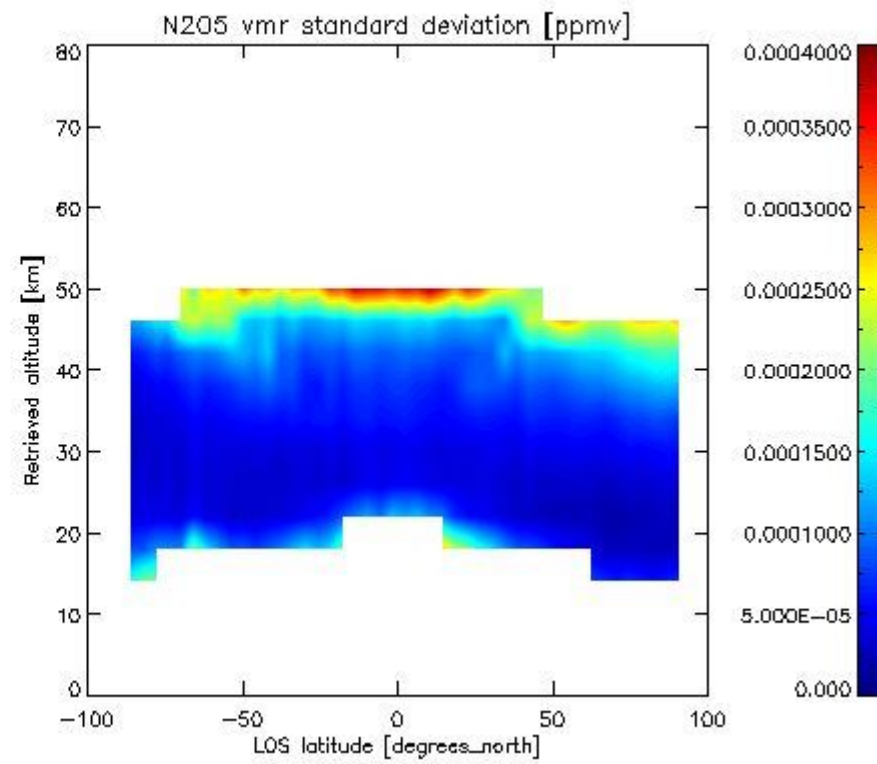
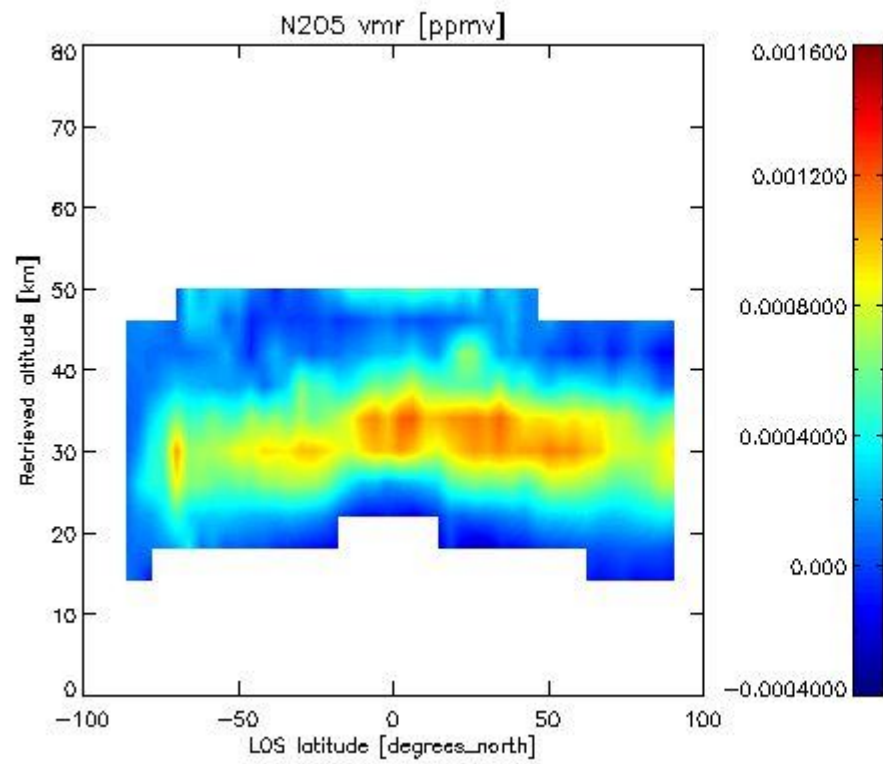


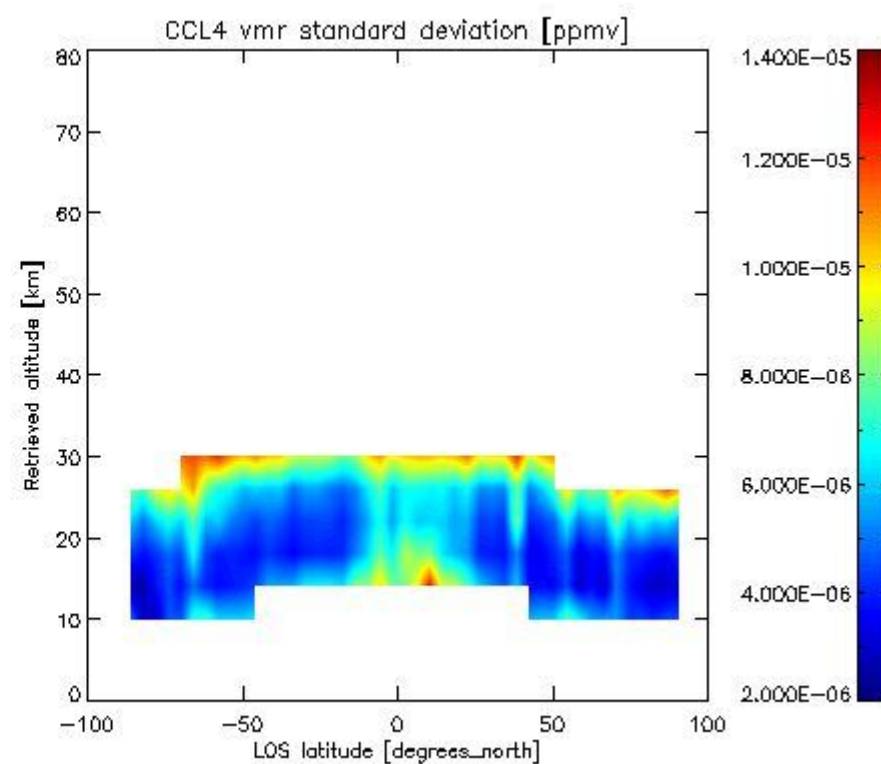
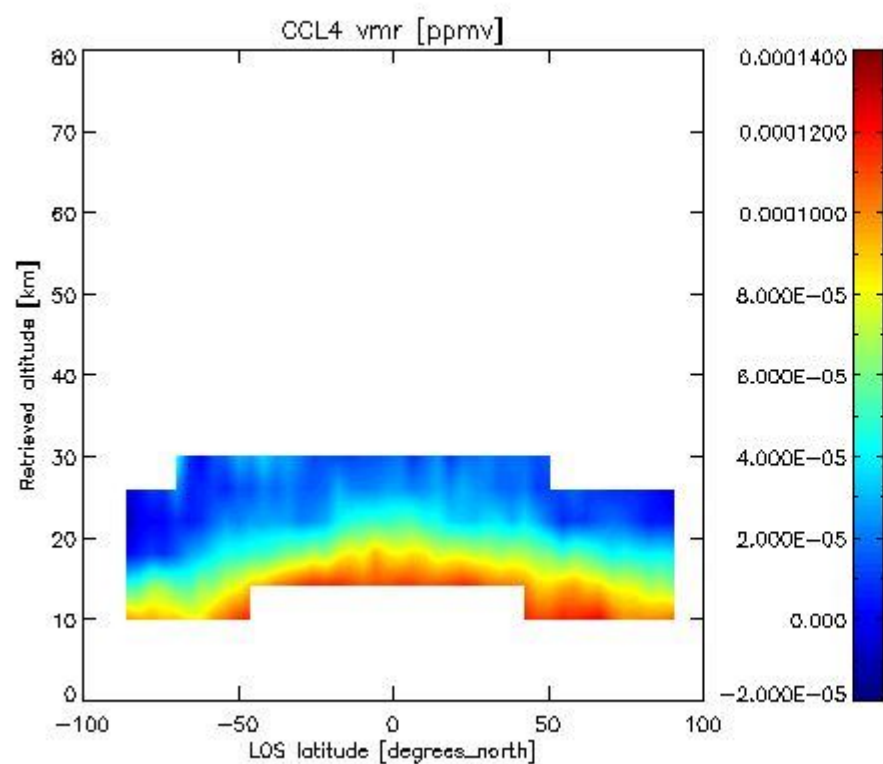
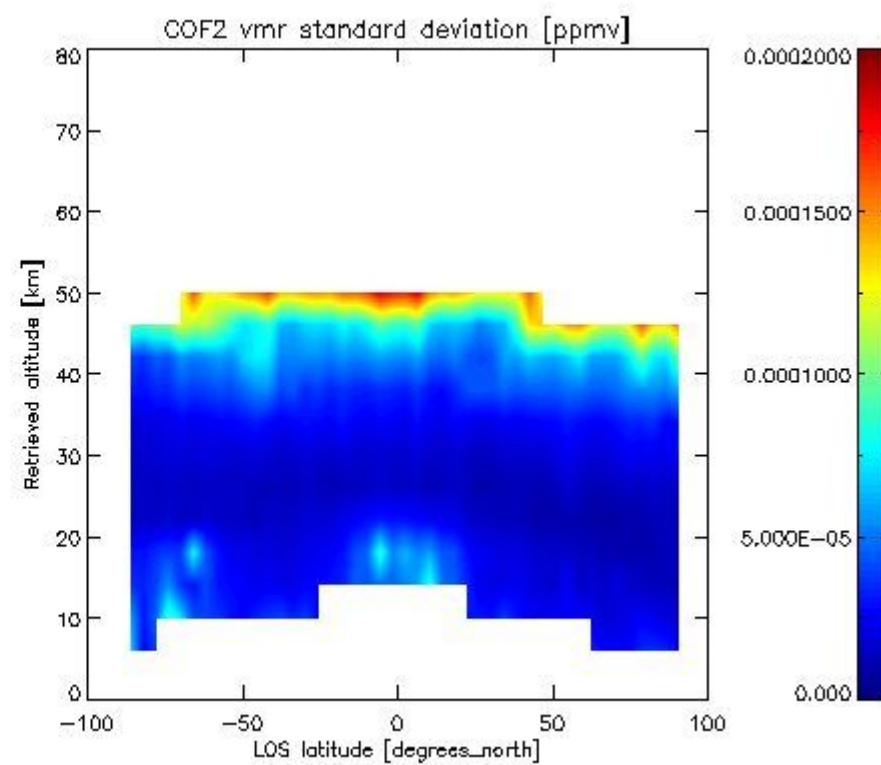
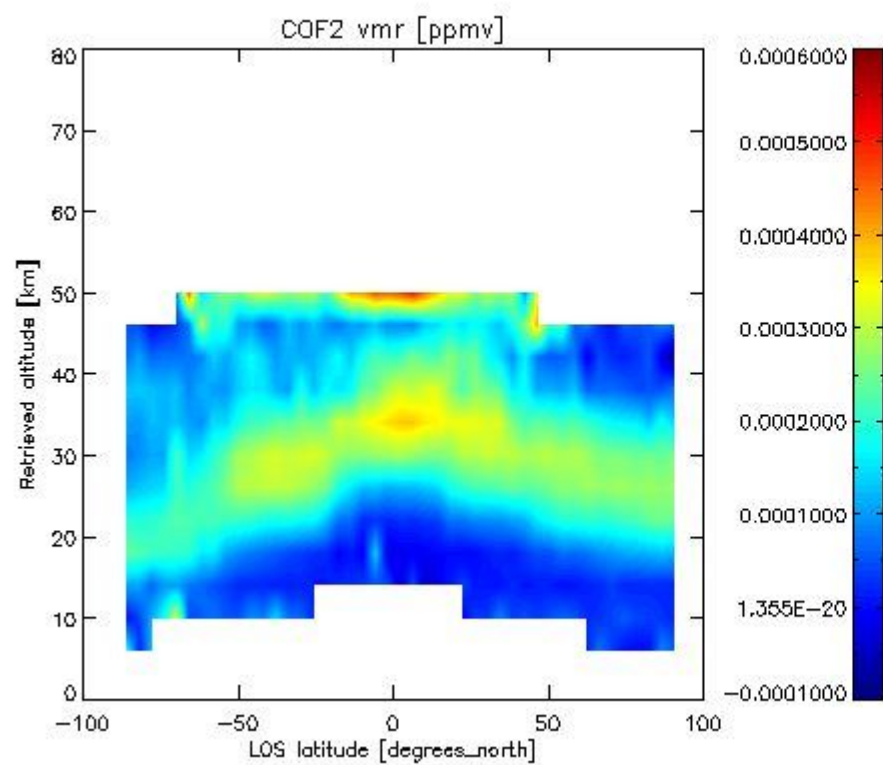
2.2.4.7 F11 overview This section shows values (left) and error (right) for F11 after binning individual sweep values over retrieved altitude and tangent latitude.

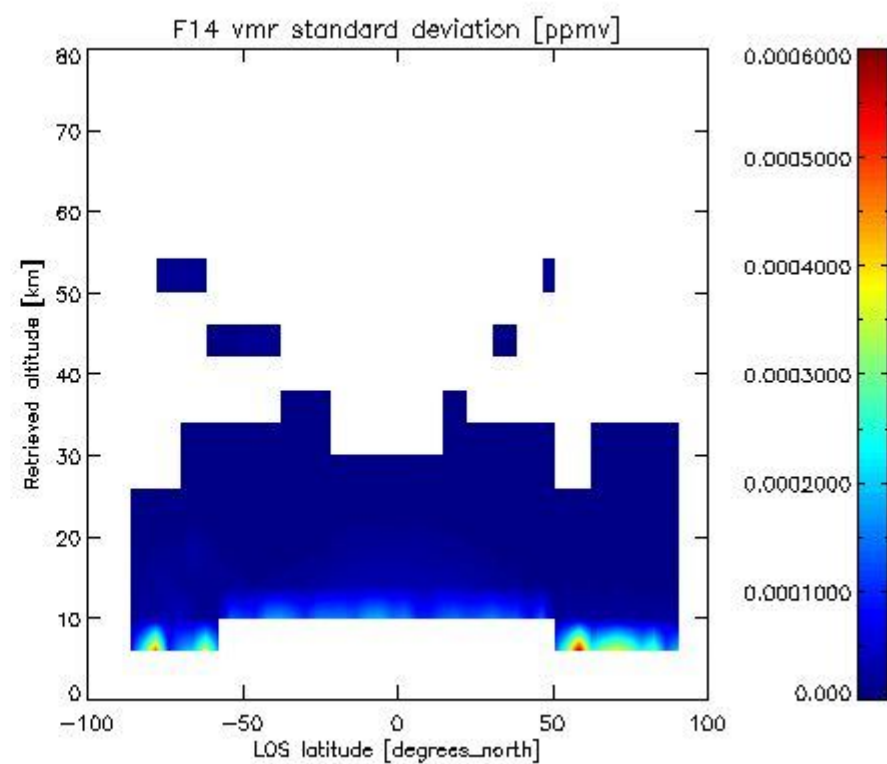
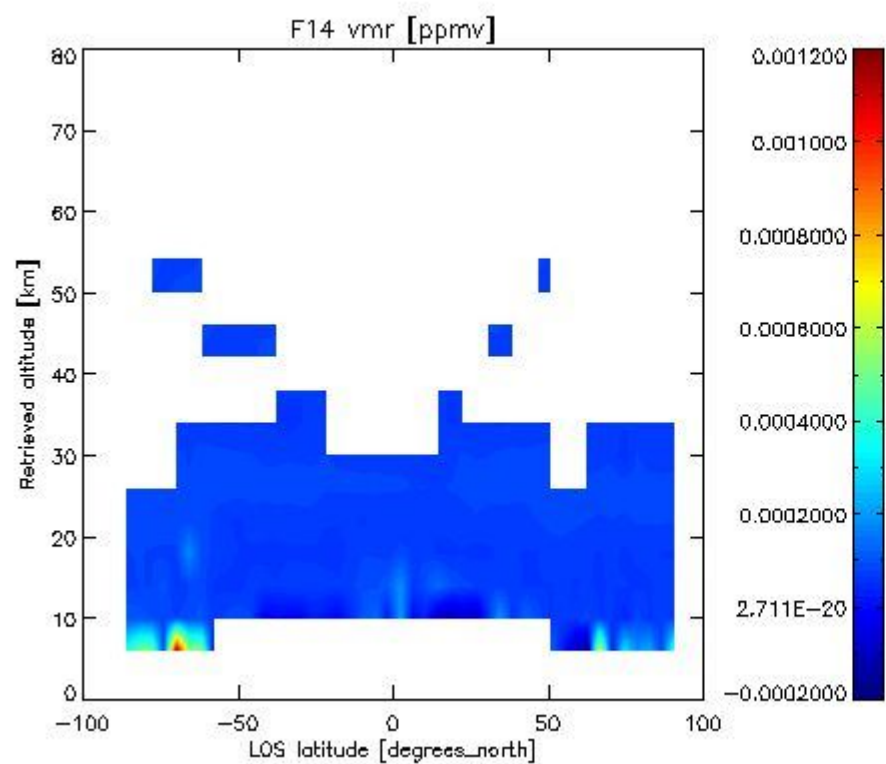
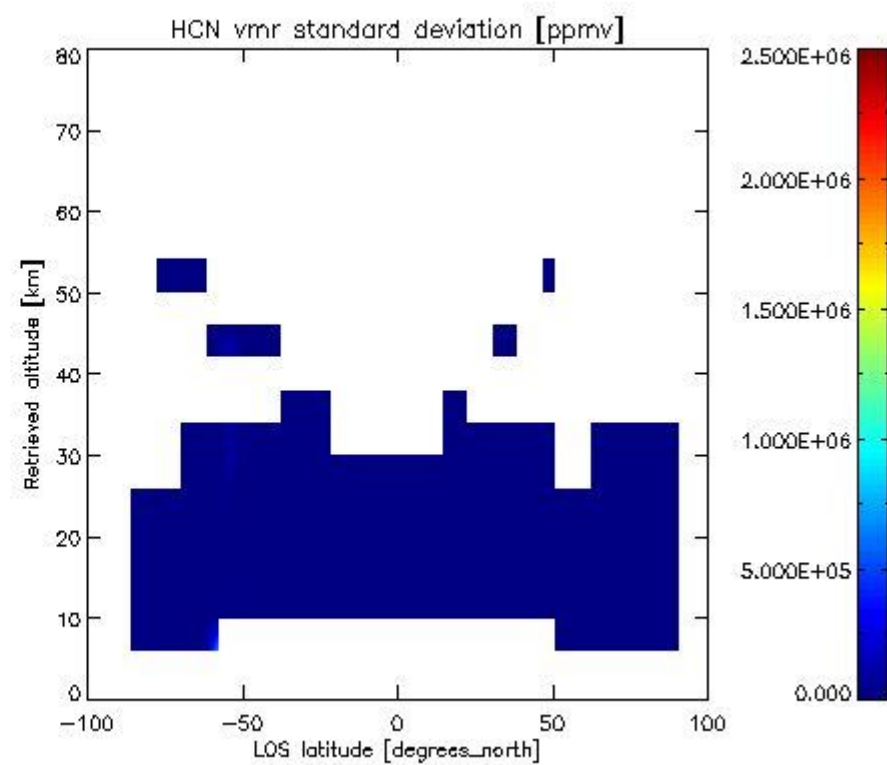
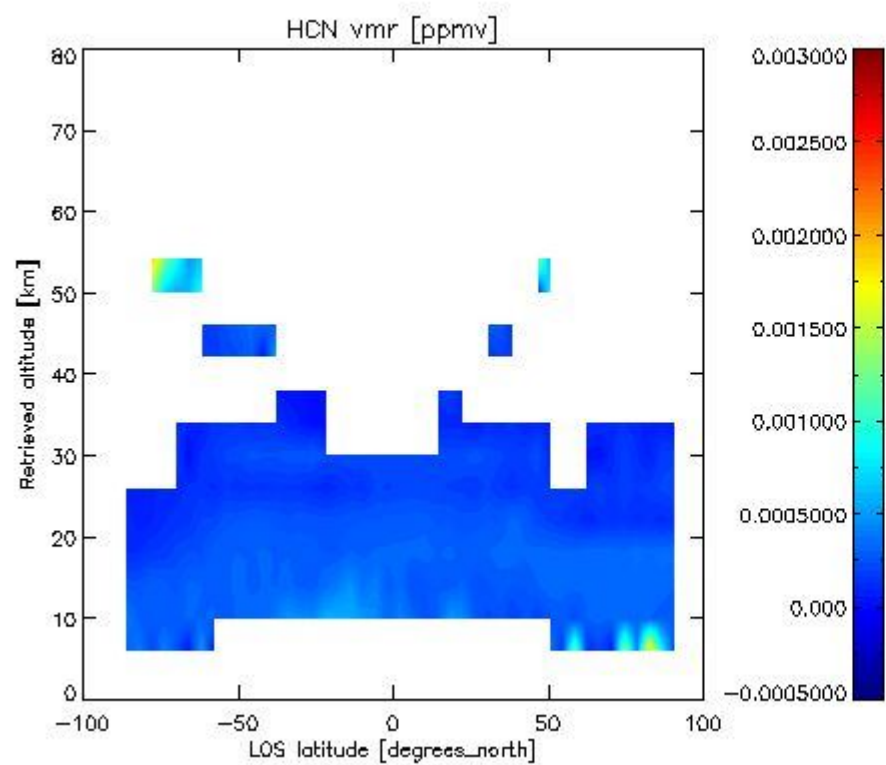


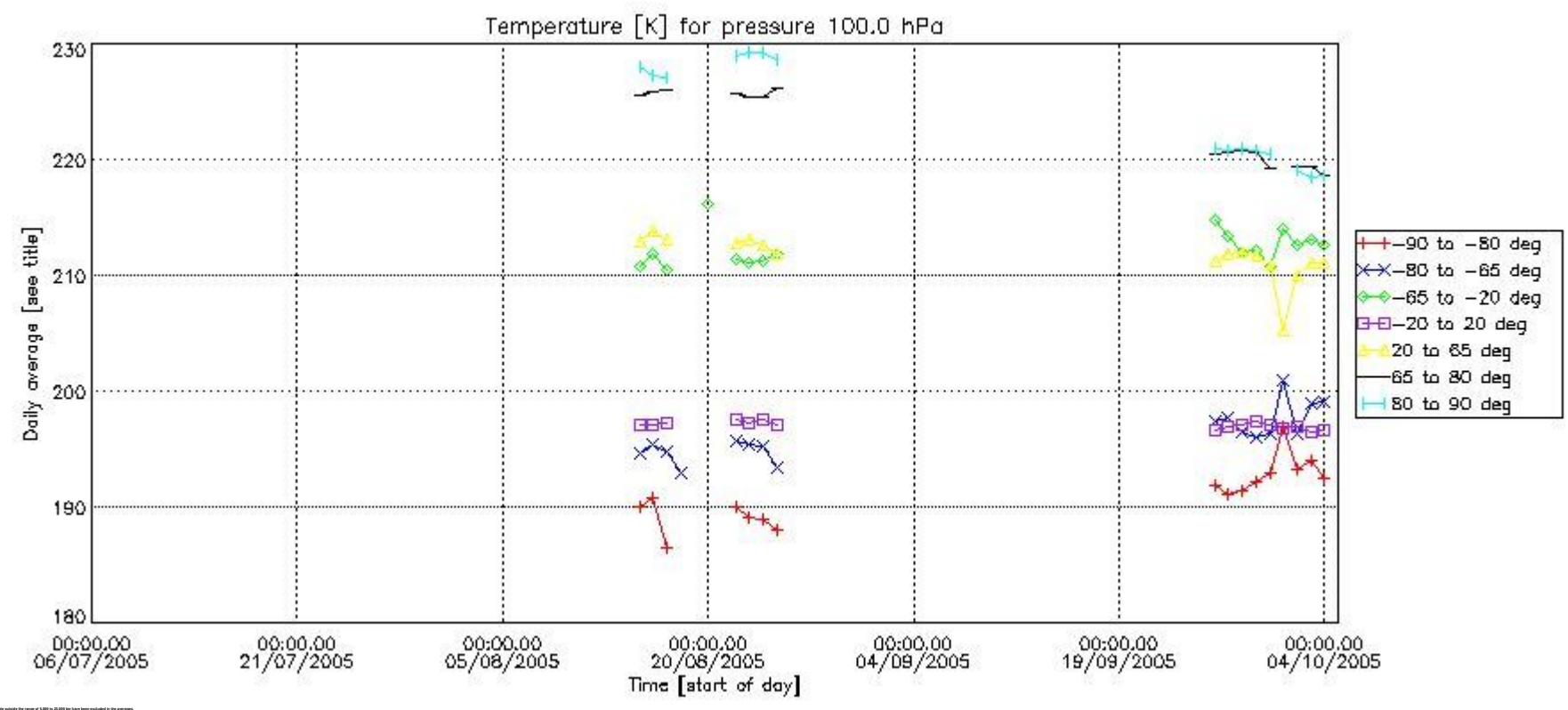
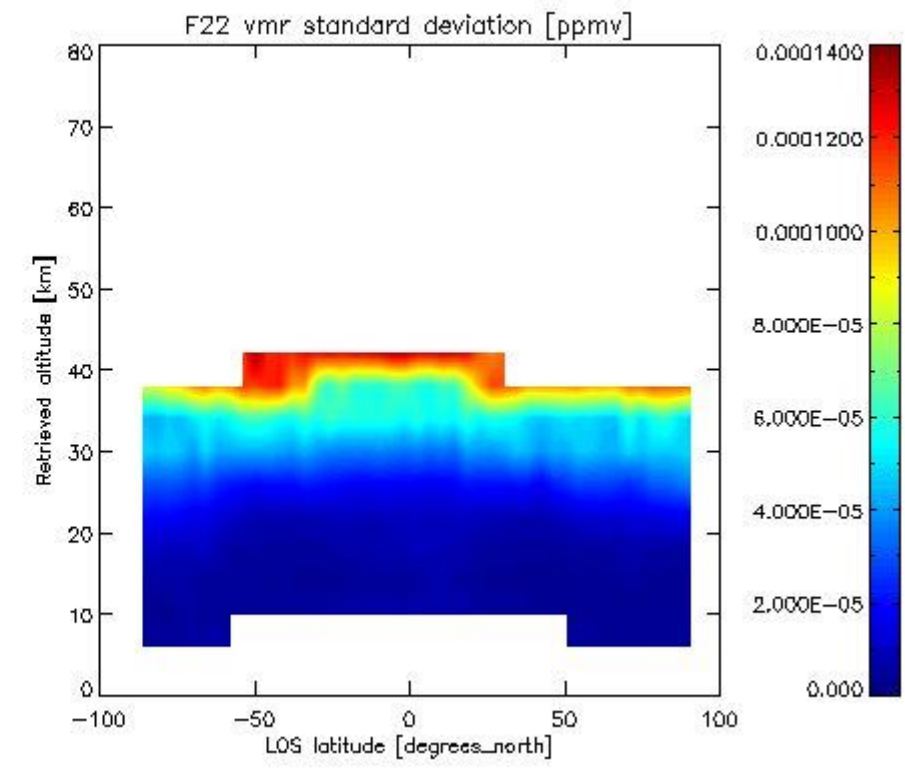
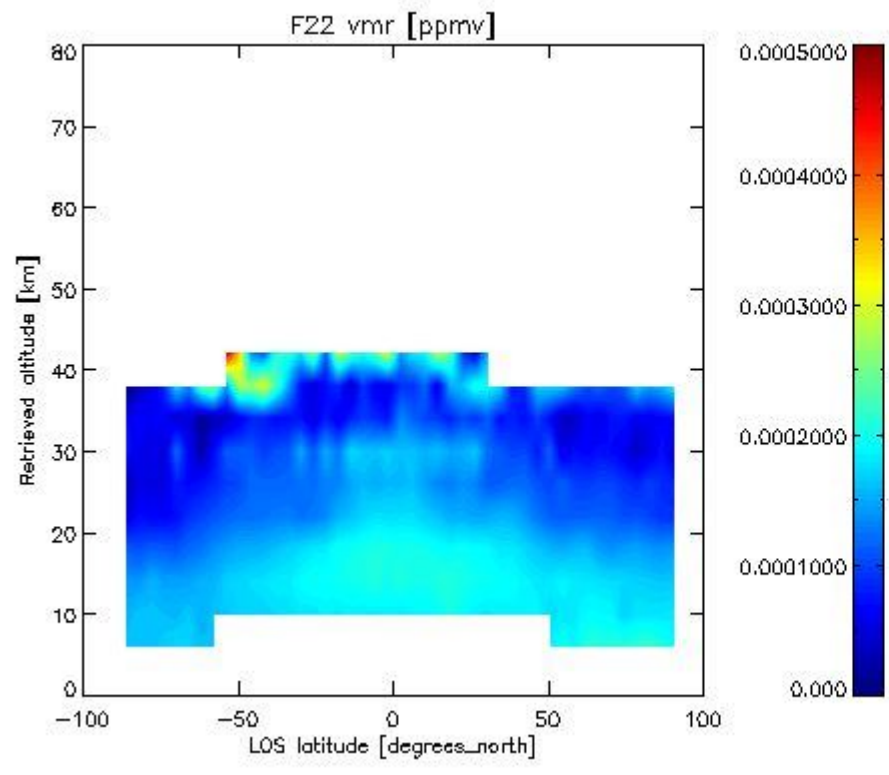
2.3.4.4 CLNO overview: This section shows values (left) and error (right) for CLNO after binning individual sweep values over retrieved altitude and target latitude.

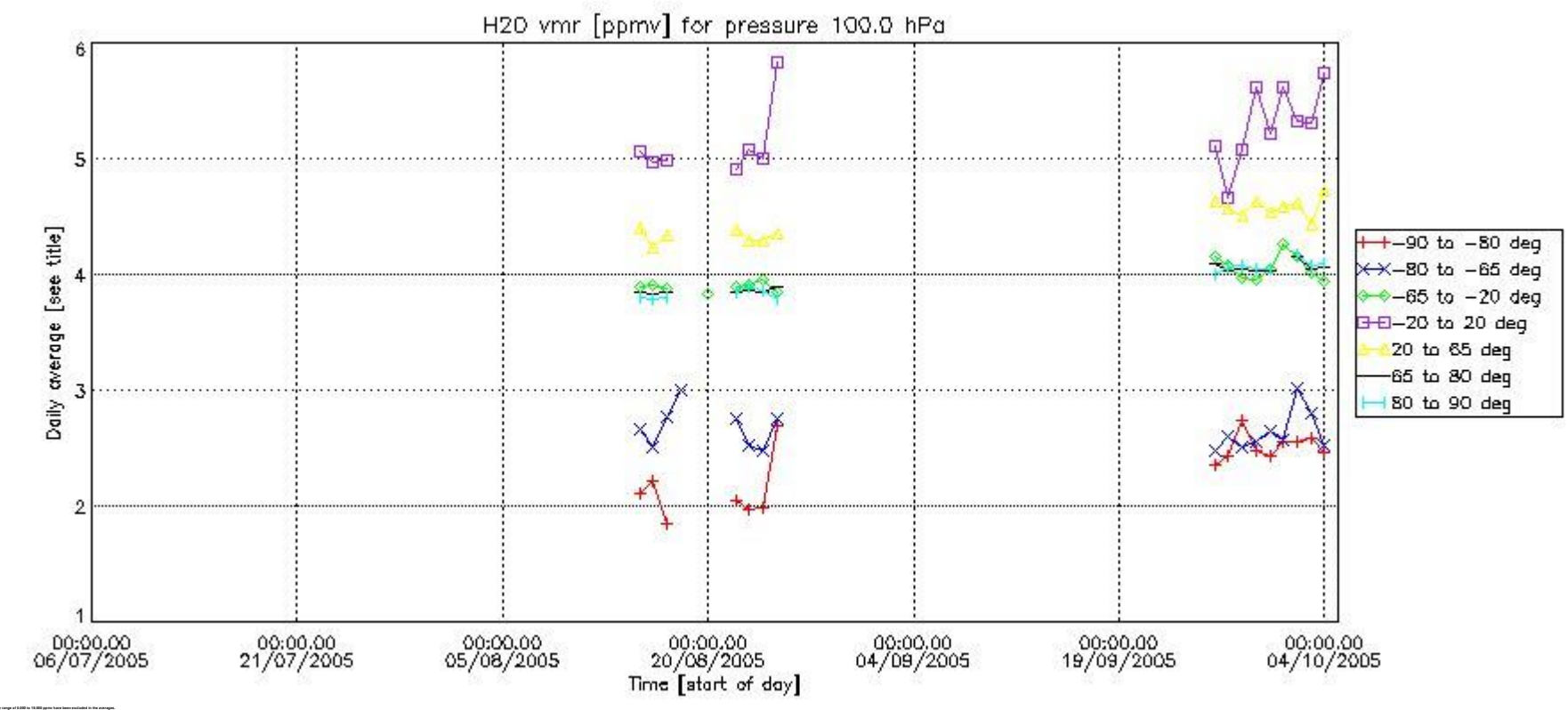
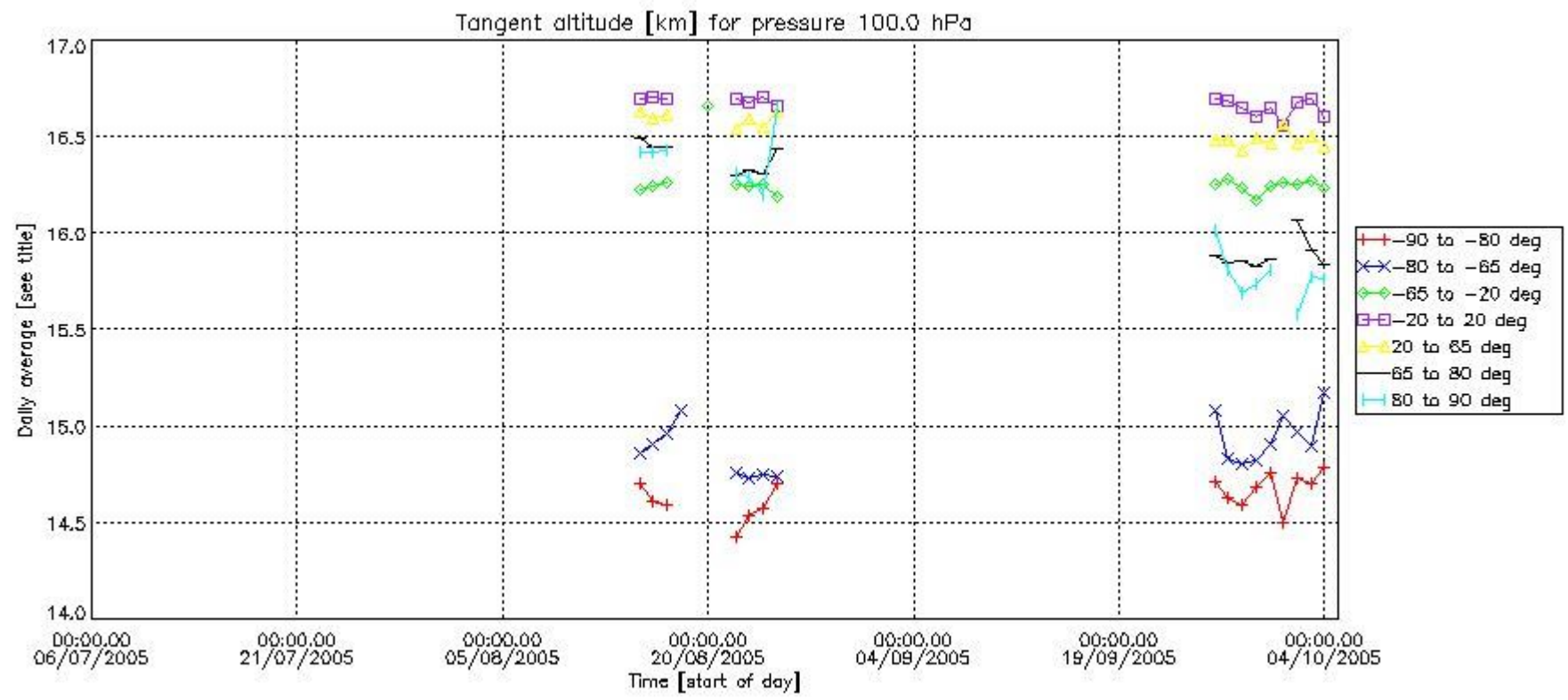


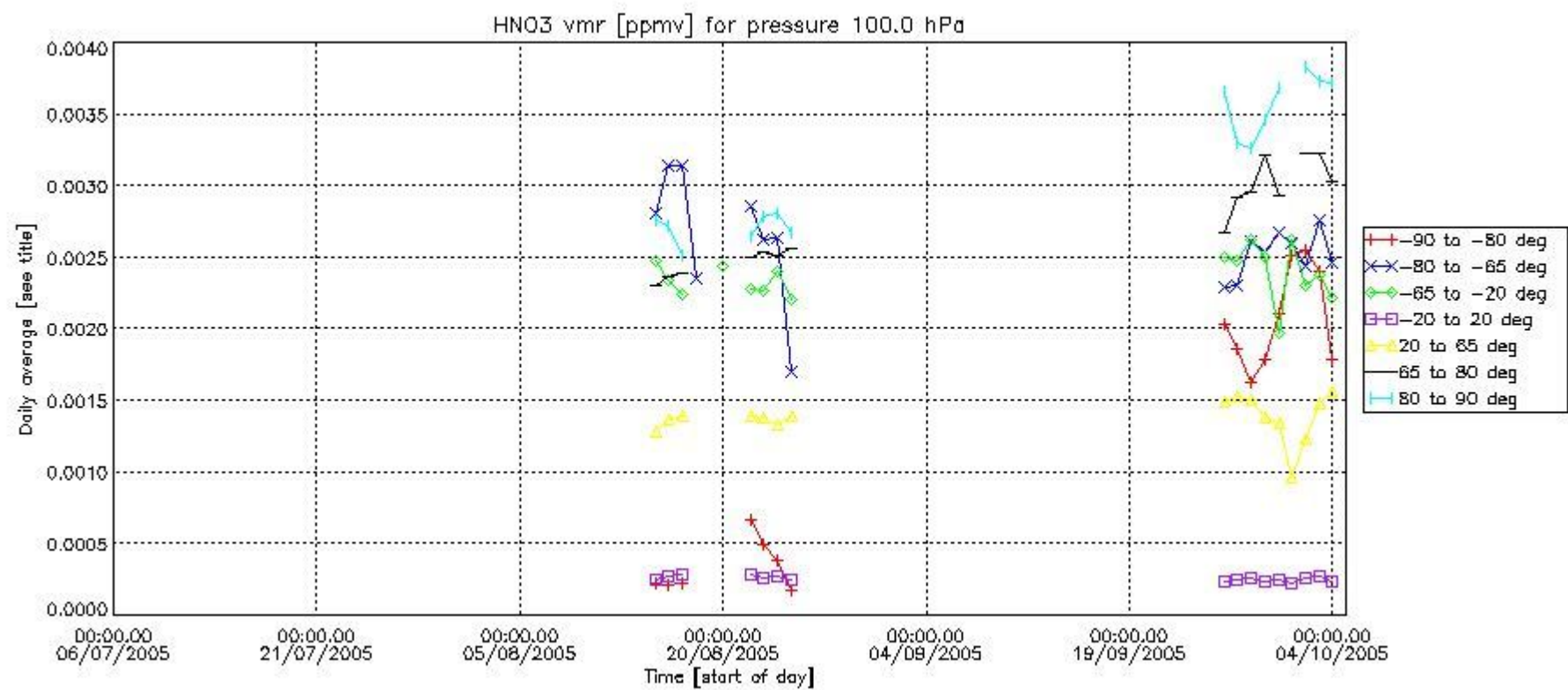
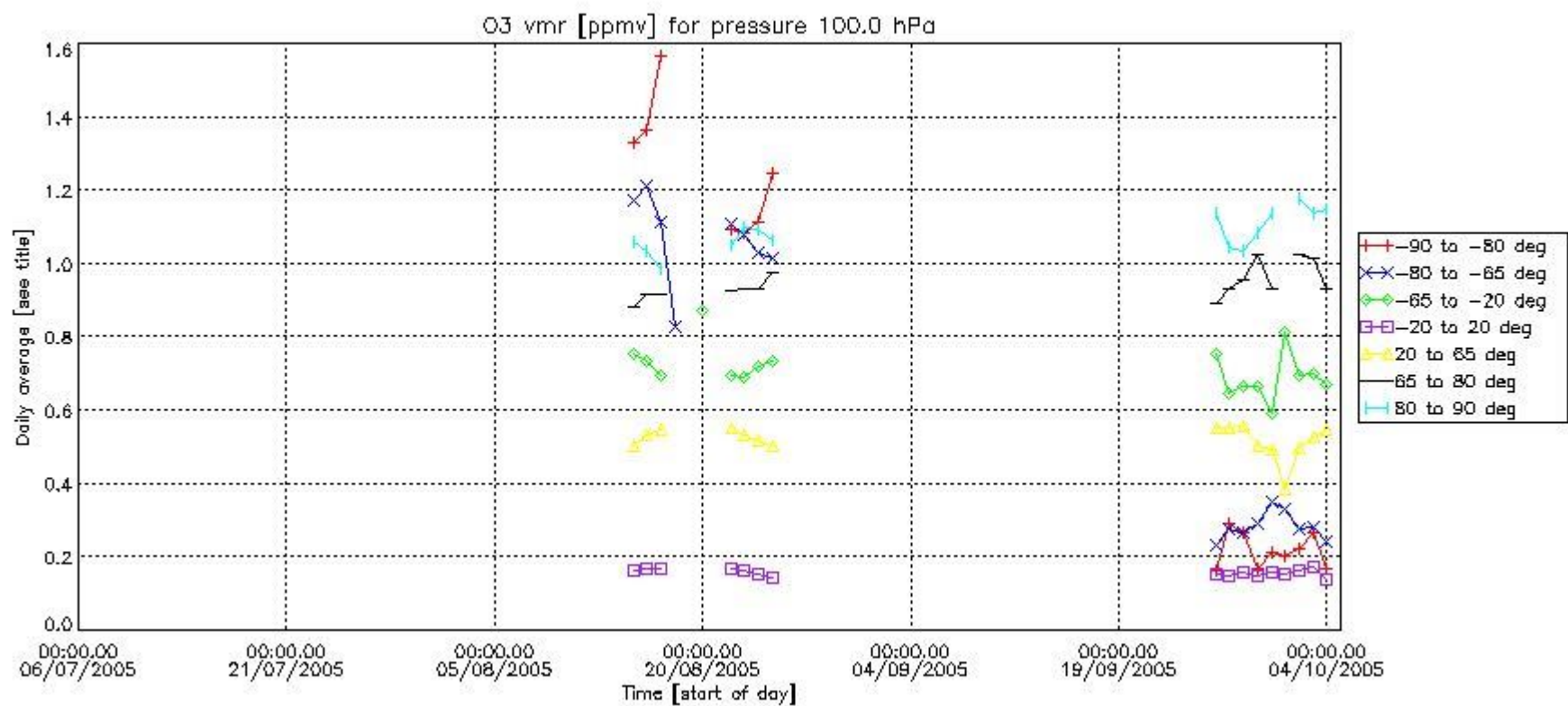


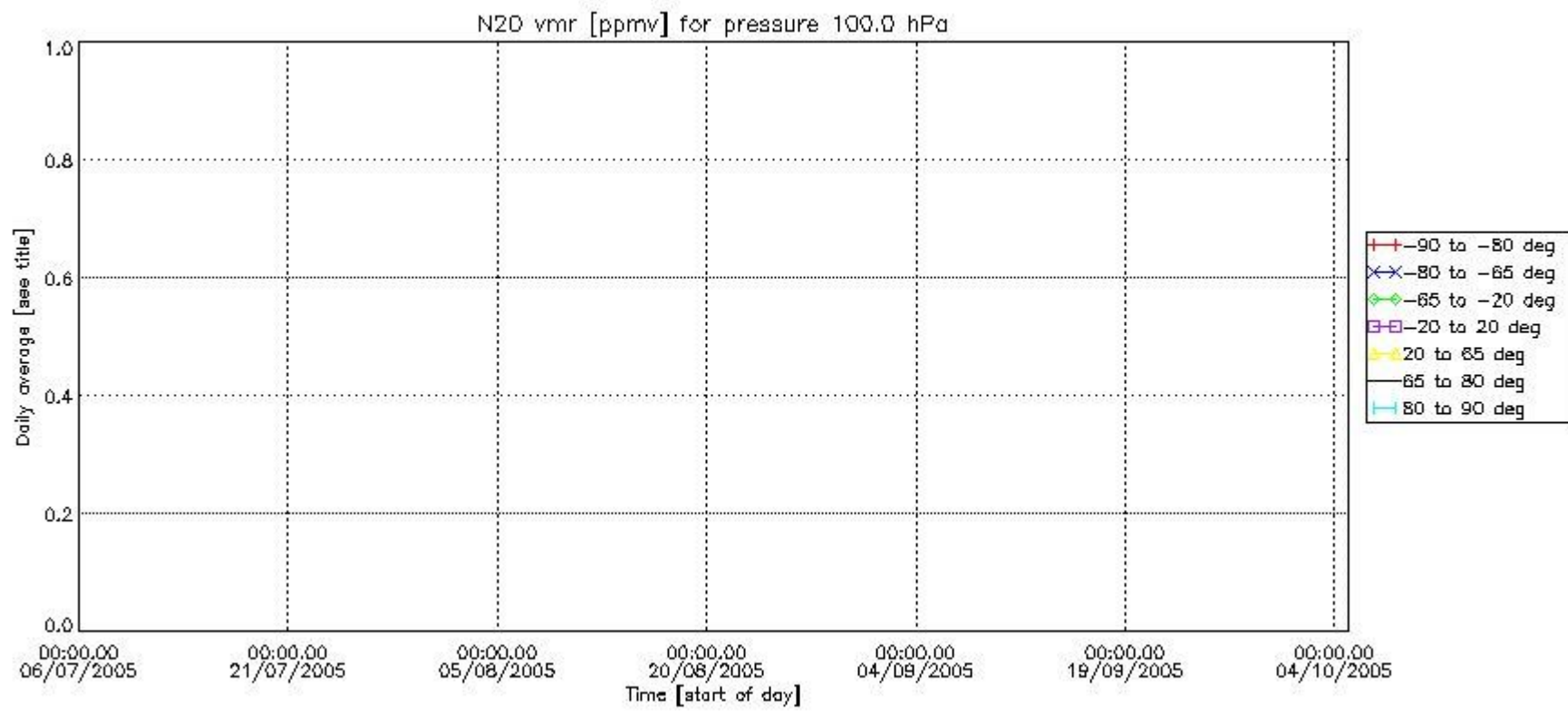
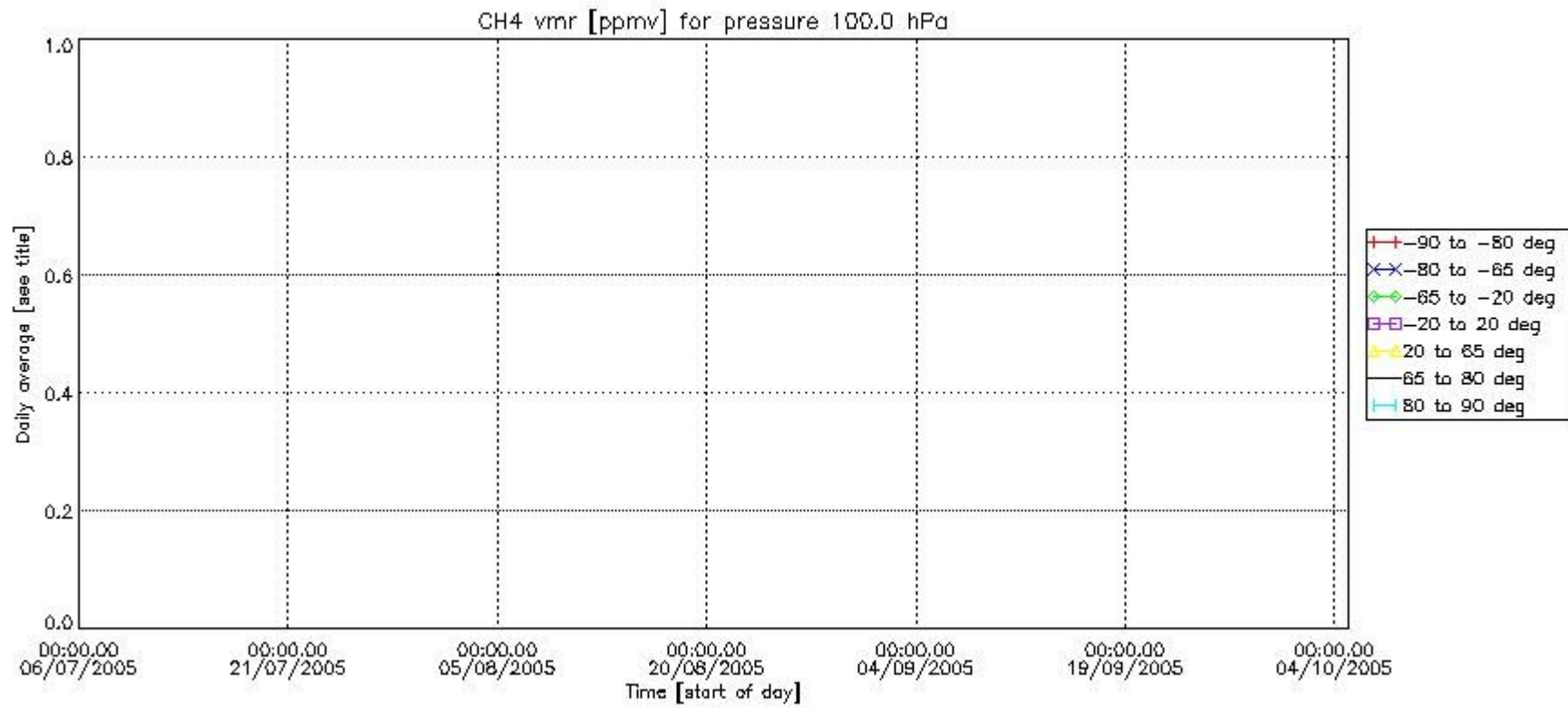


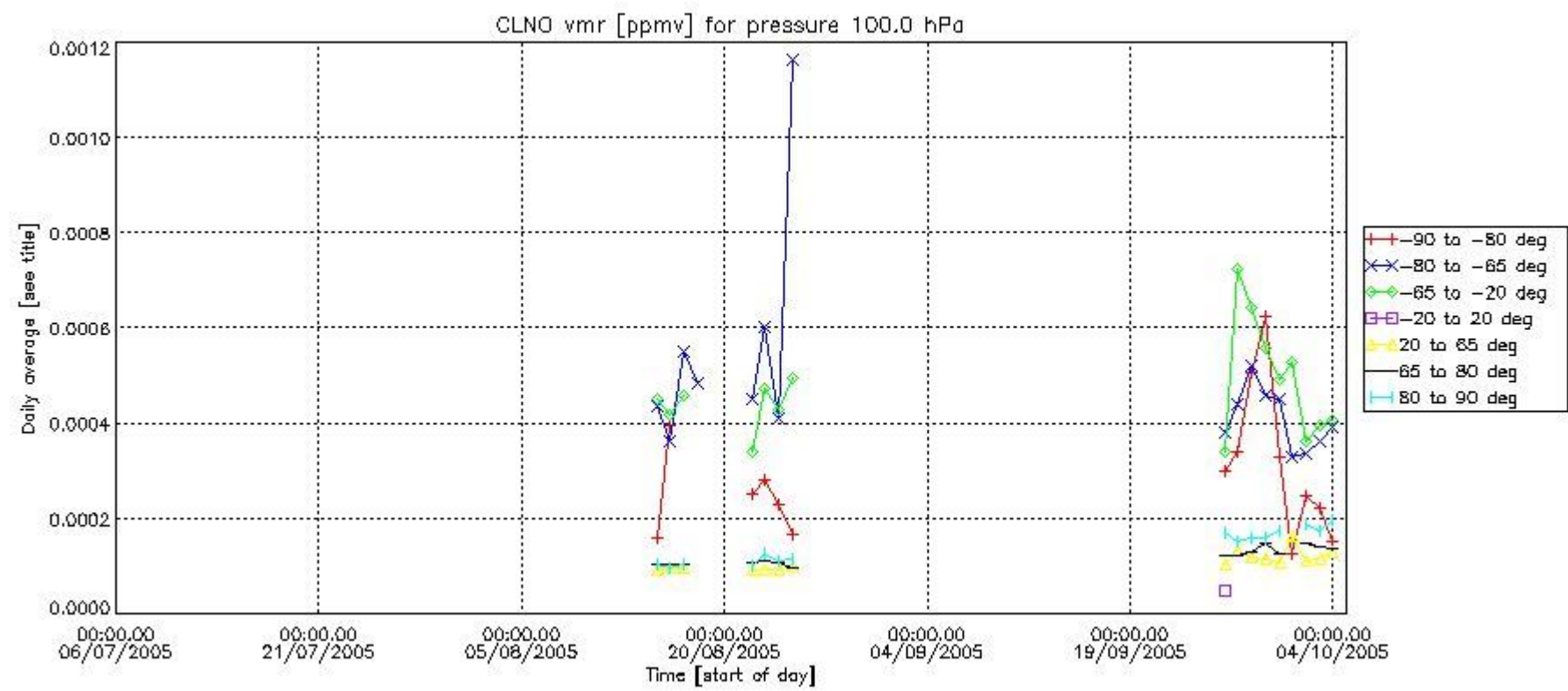
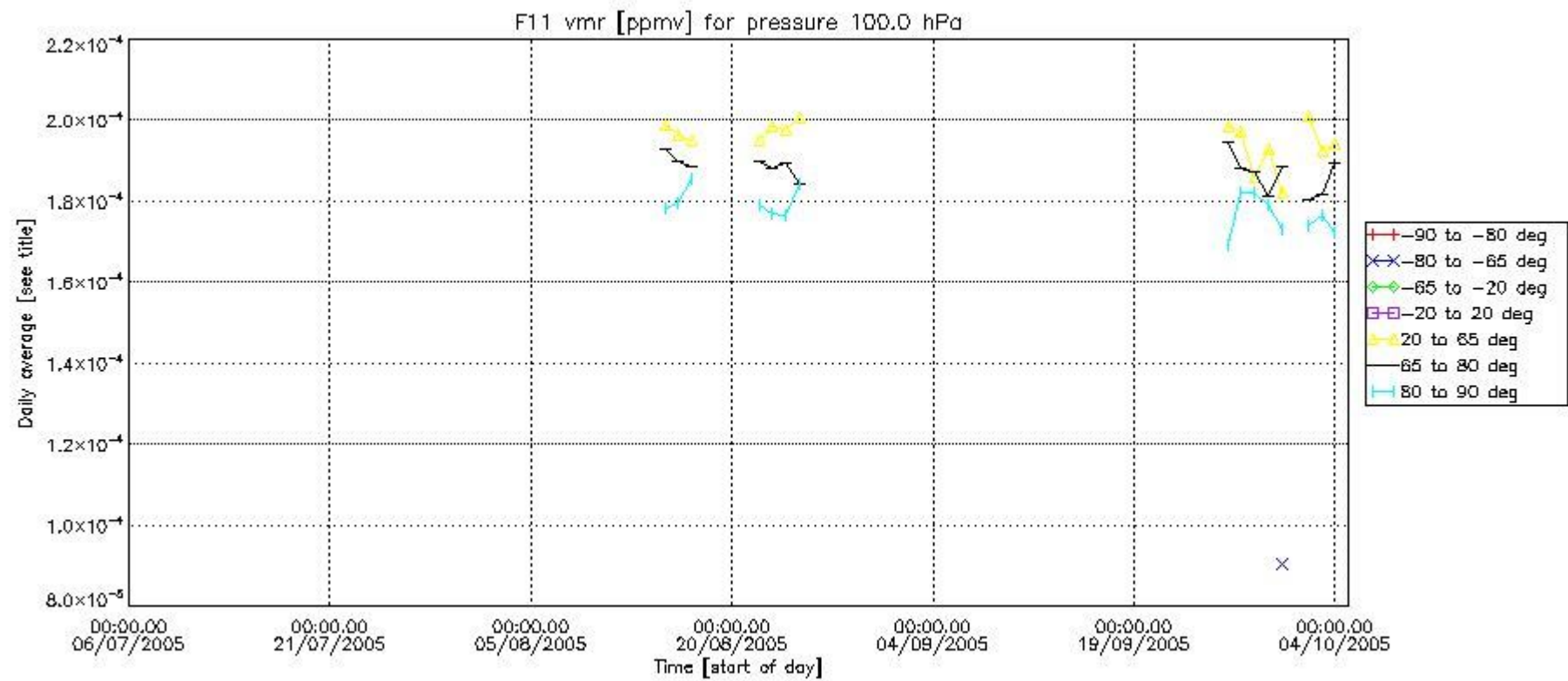


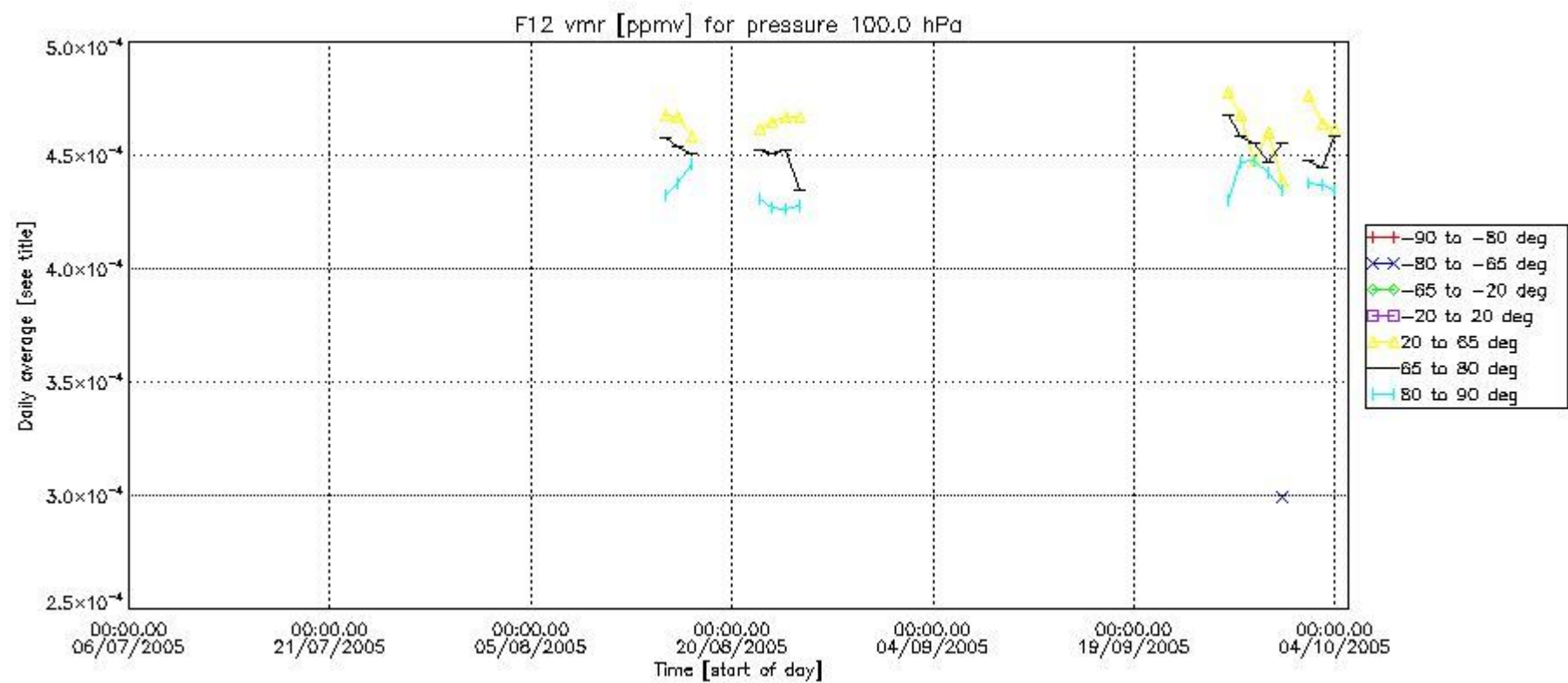
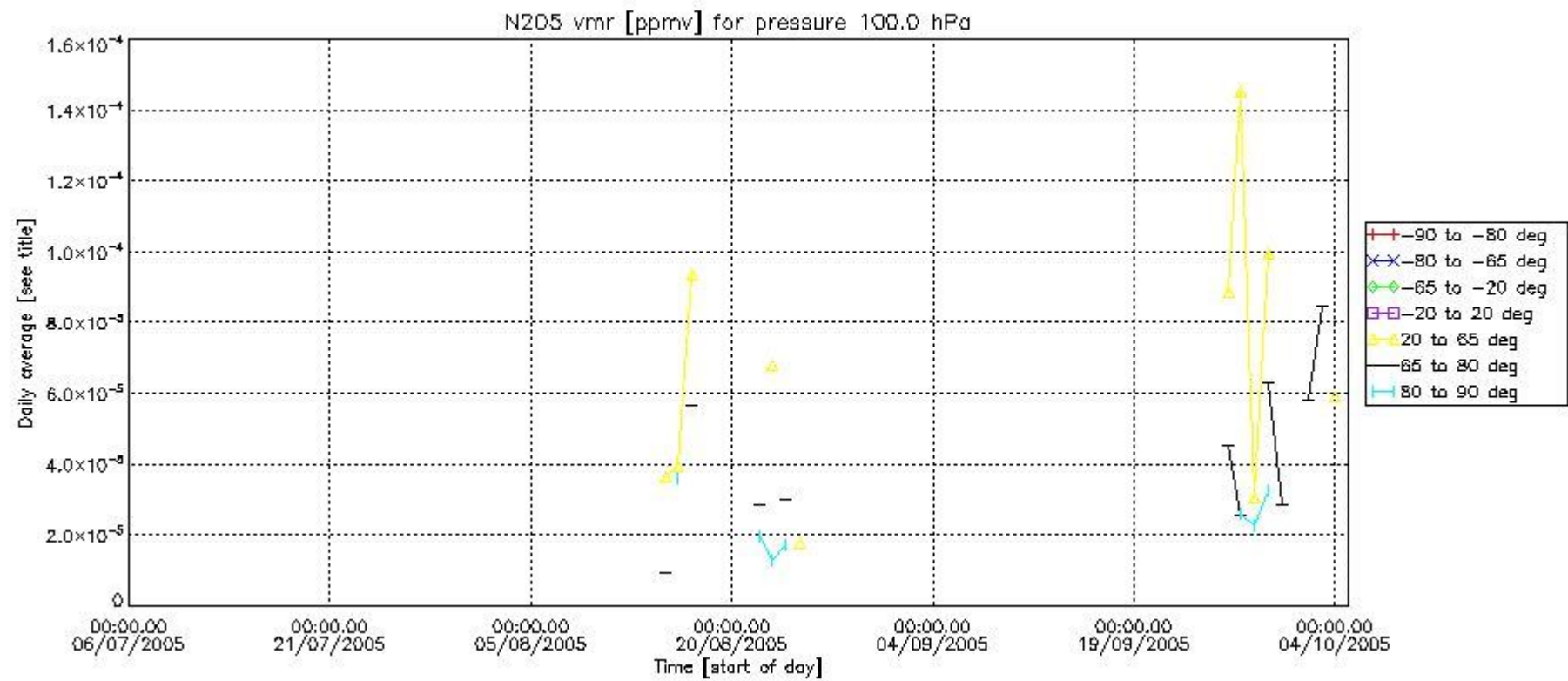


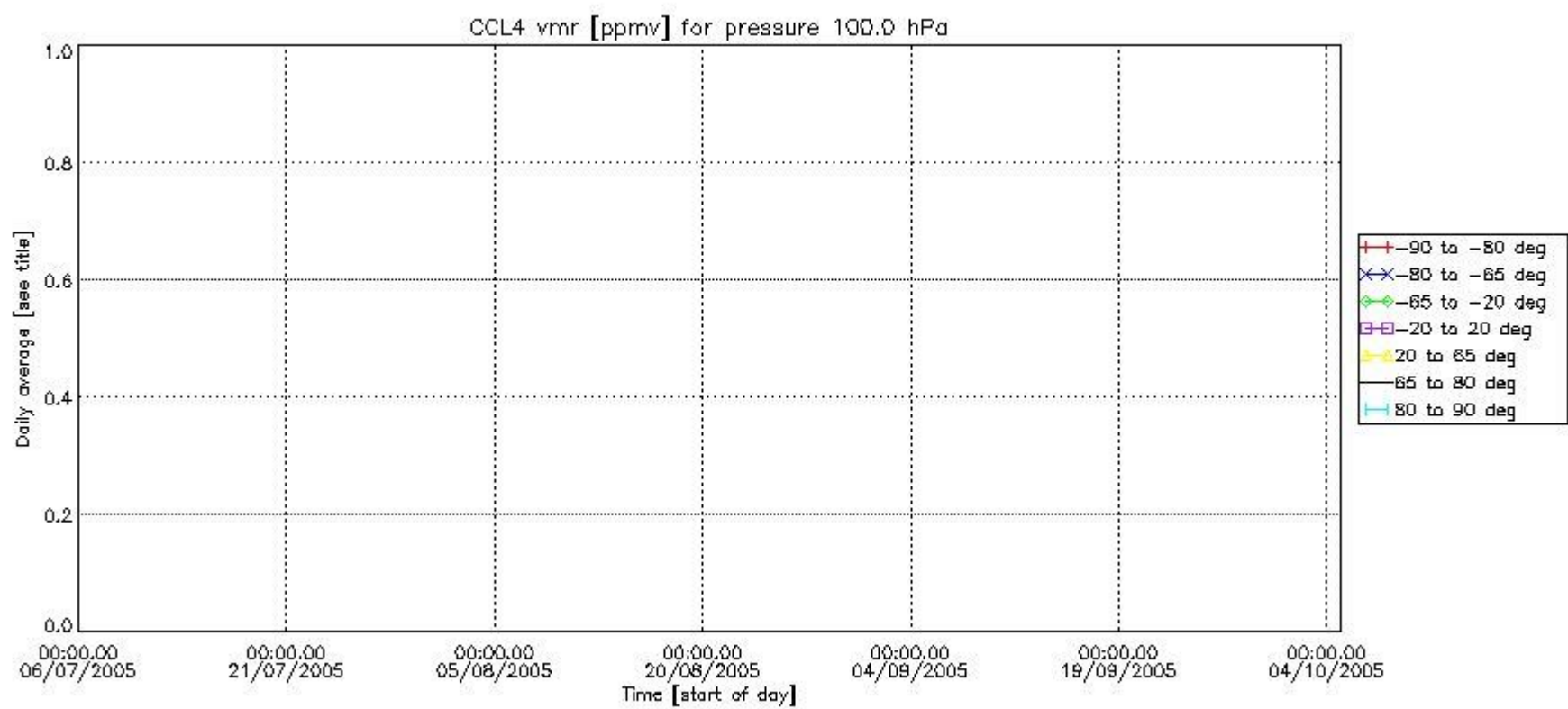
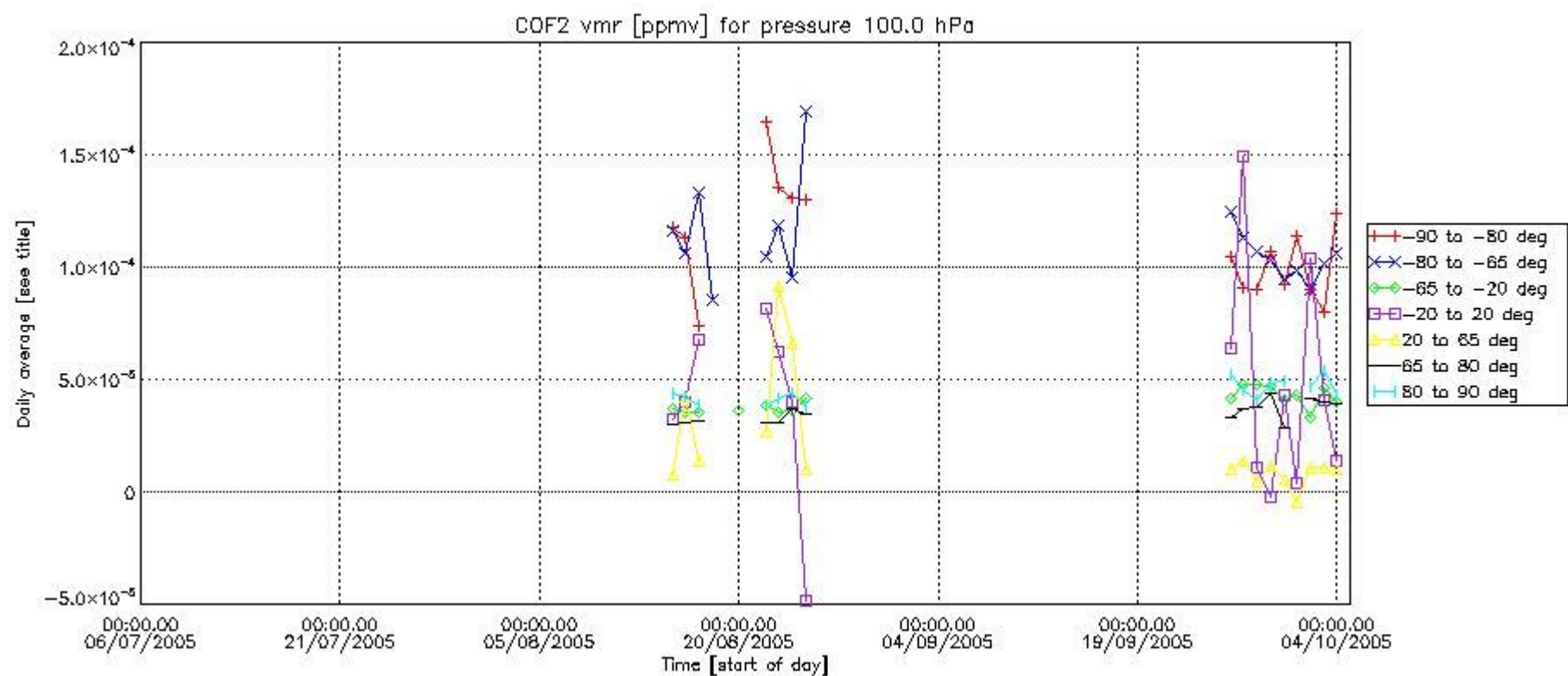


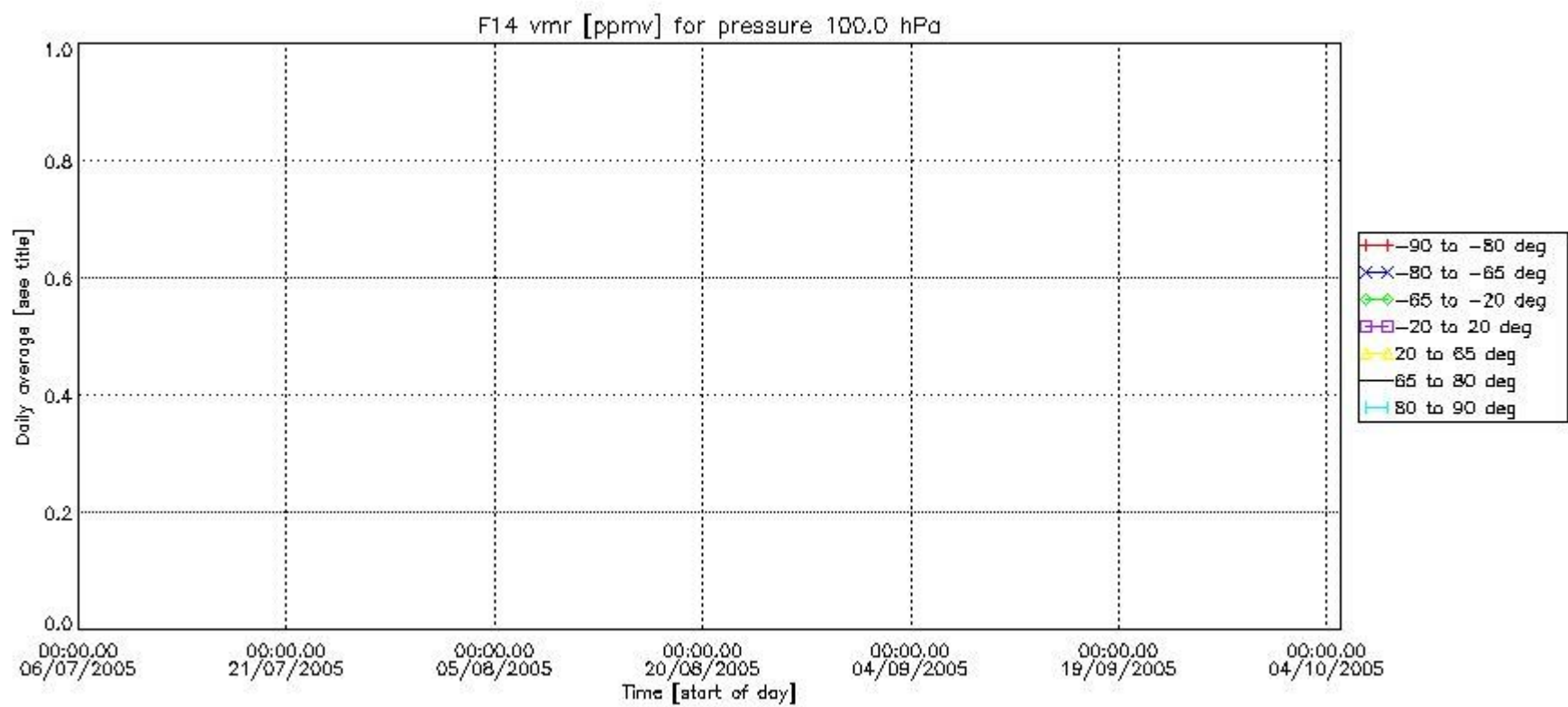
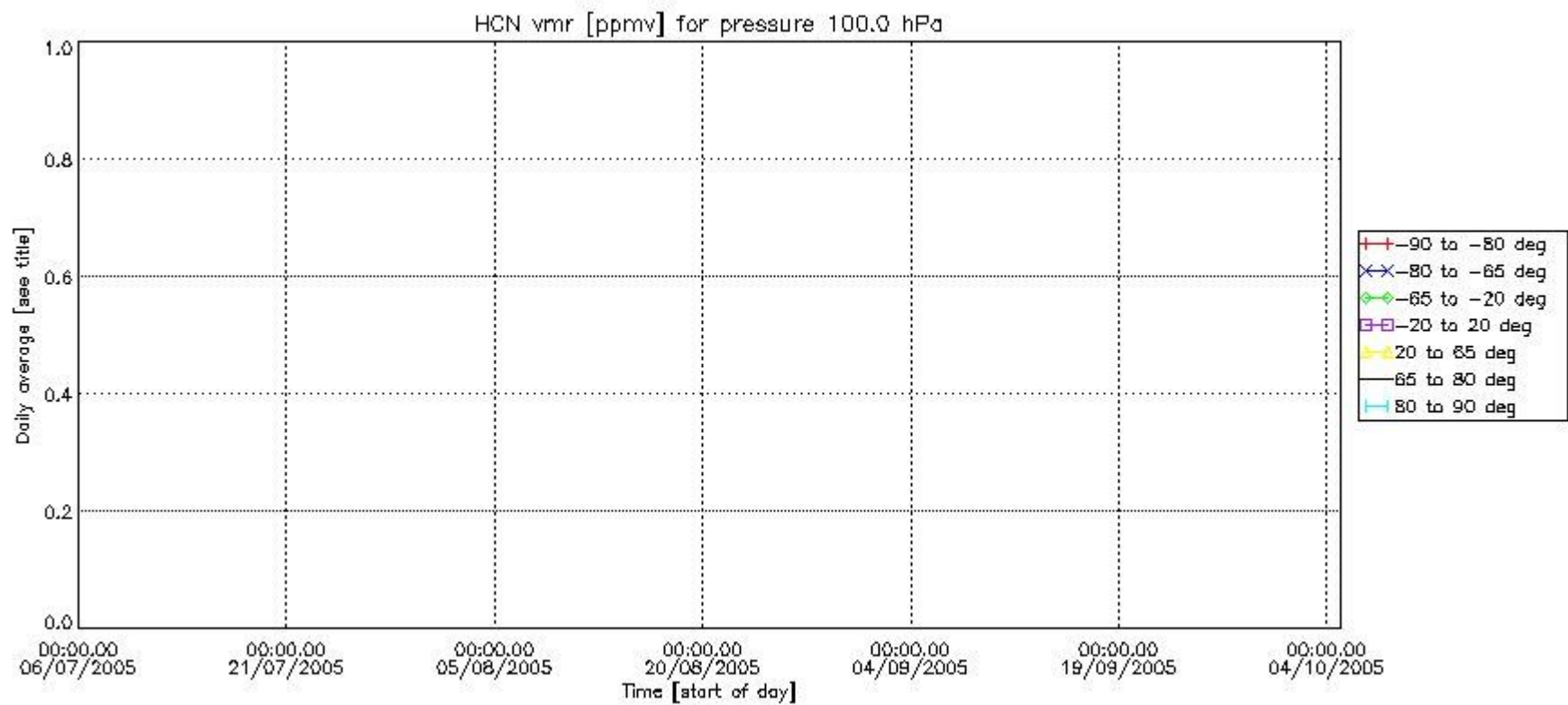


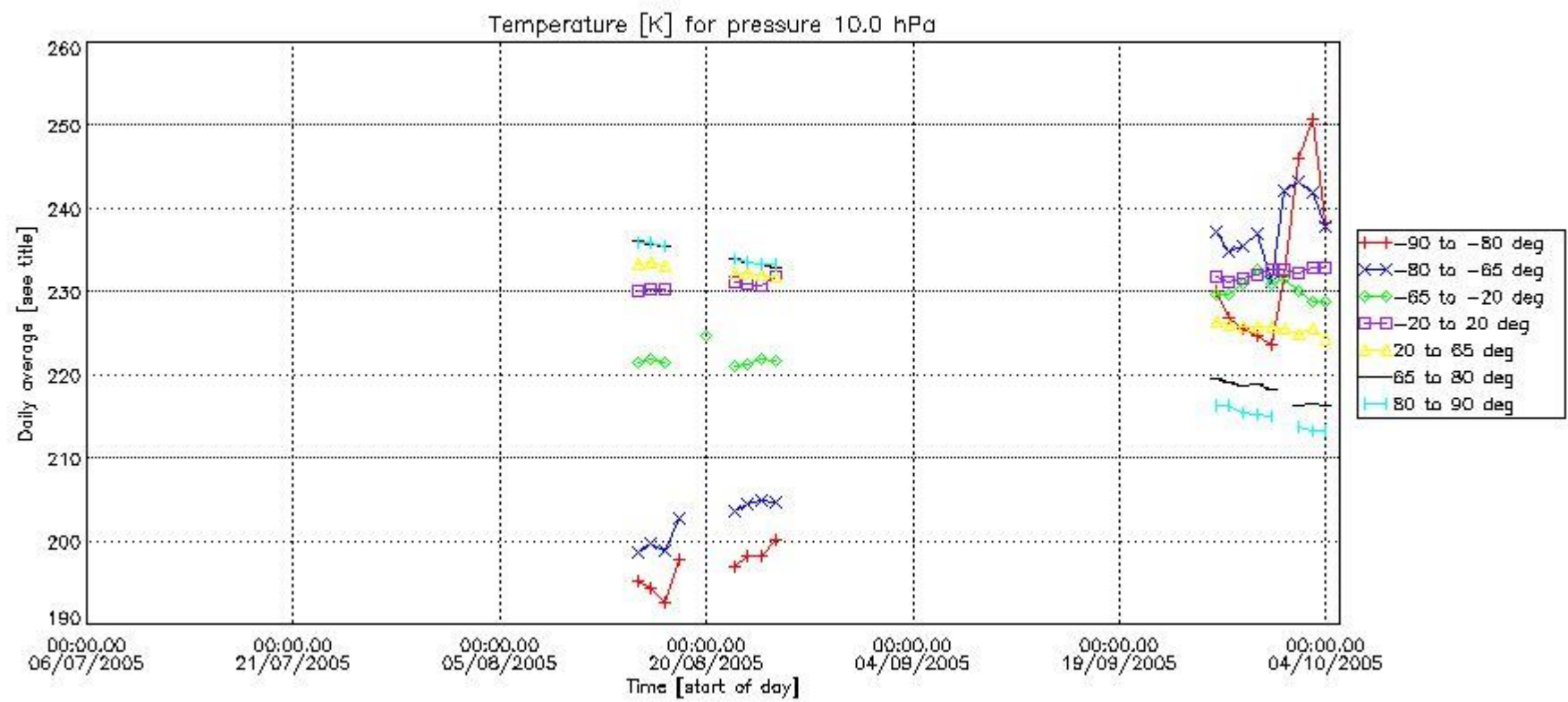
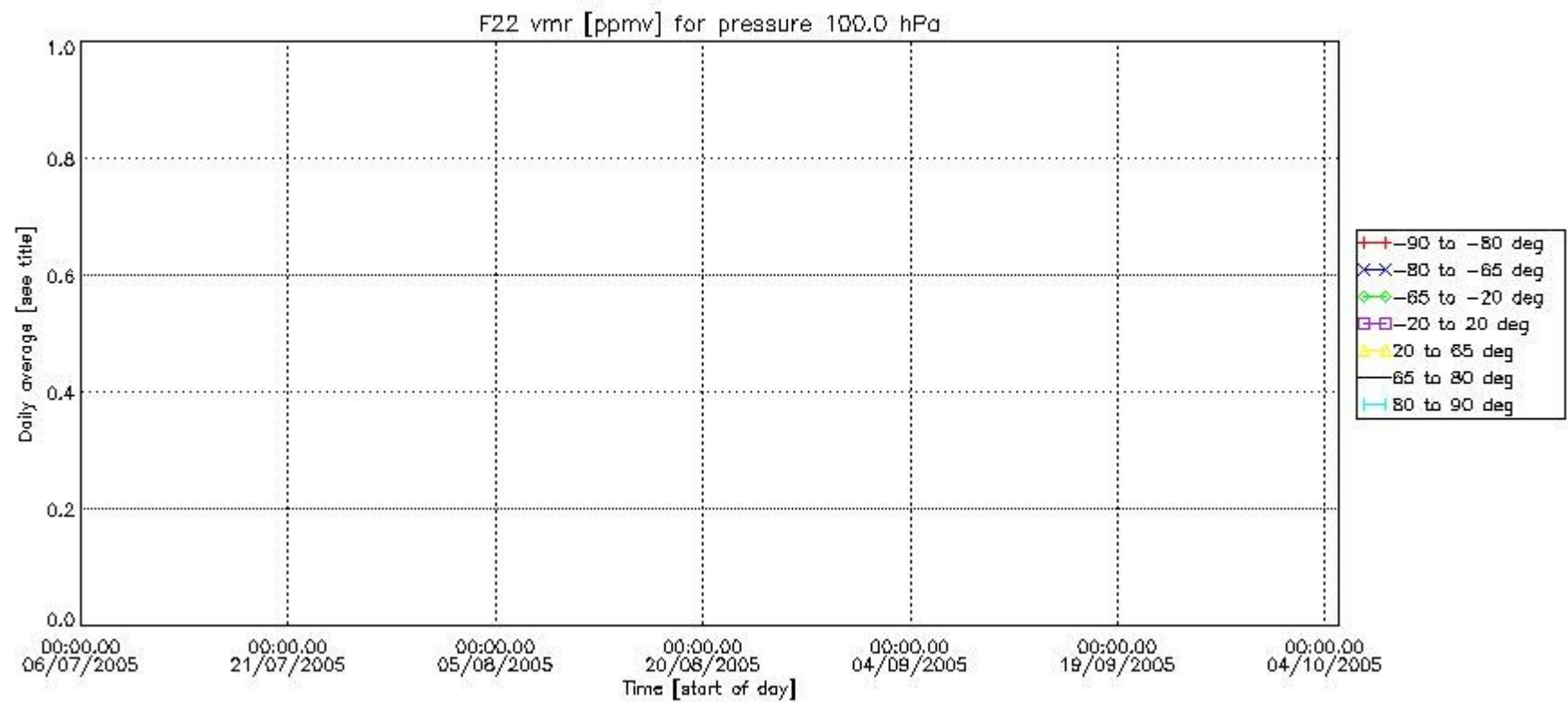


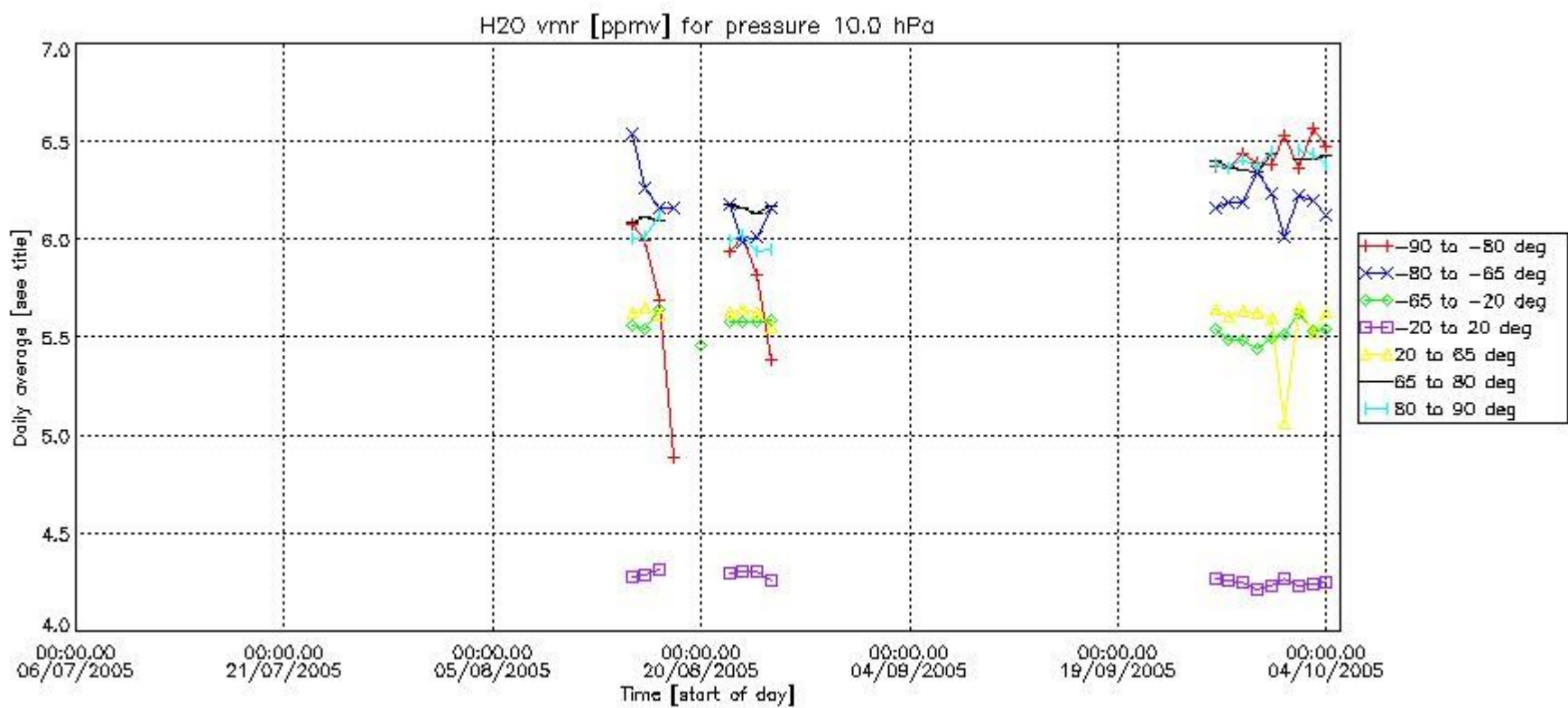
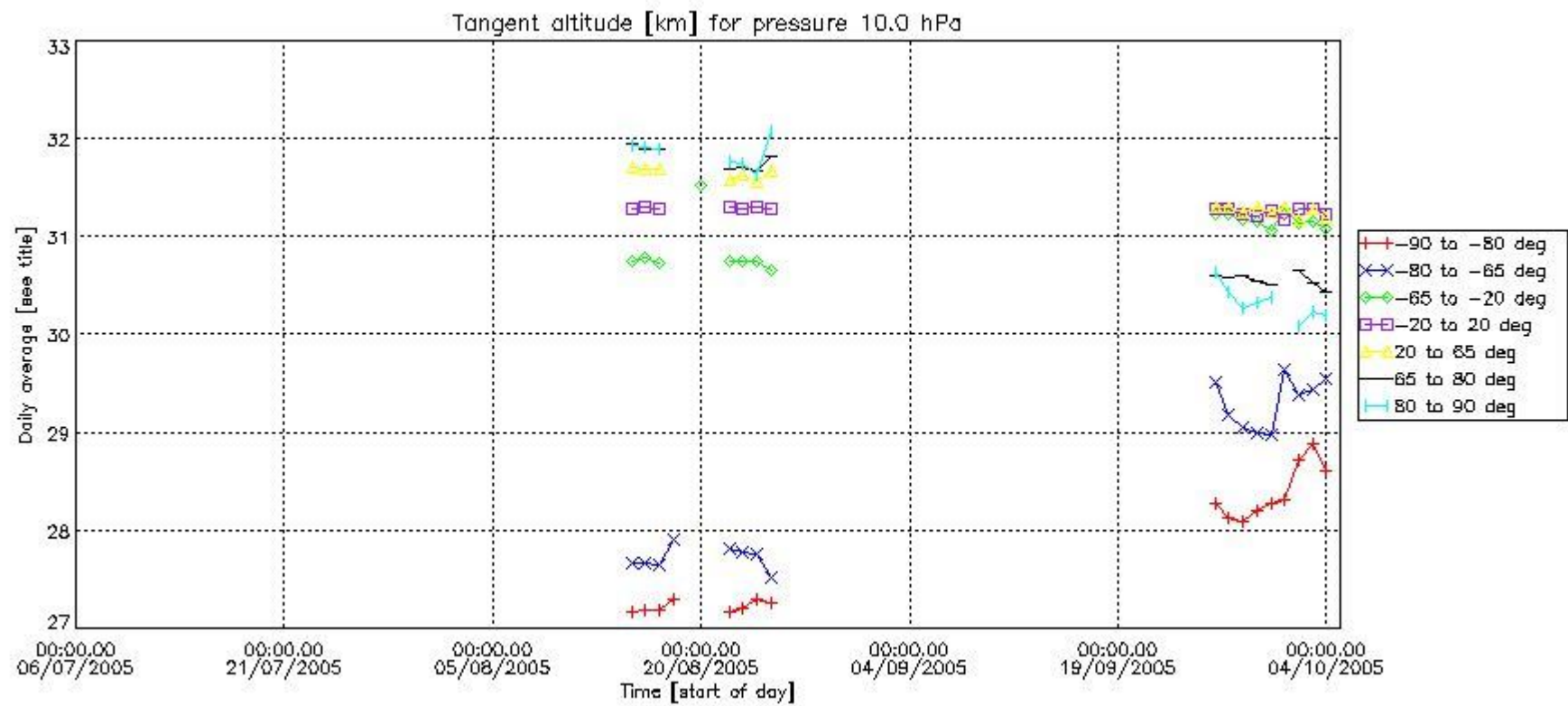


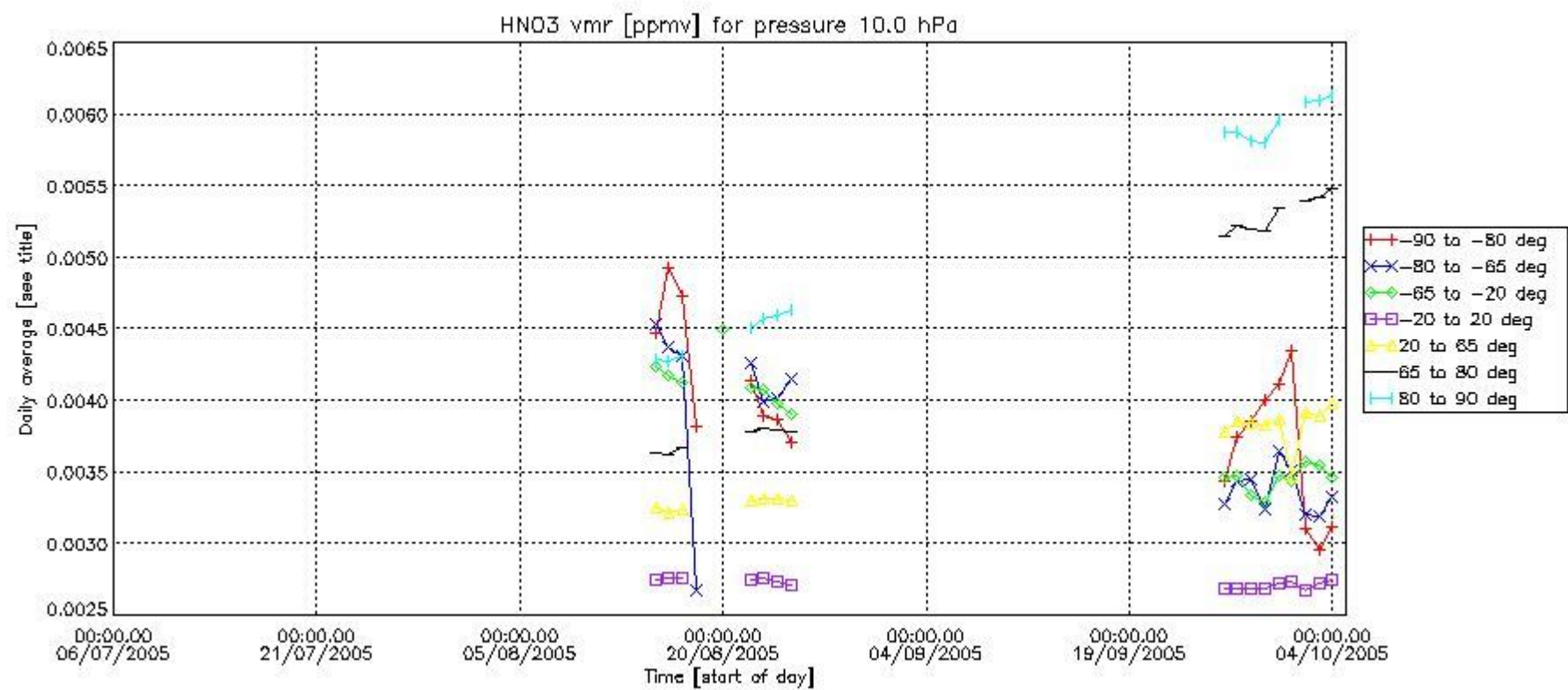
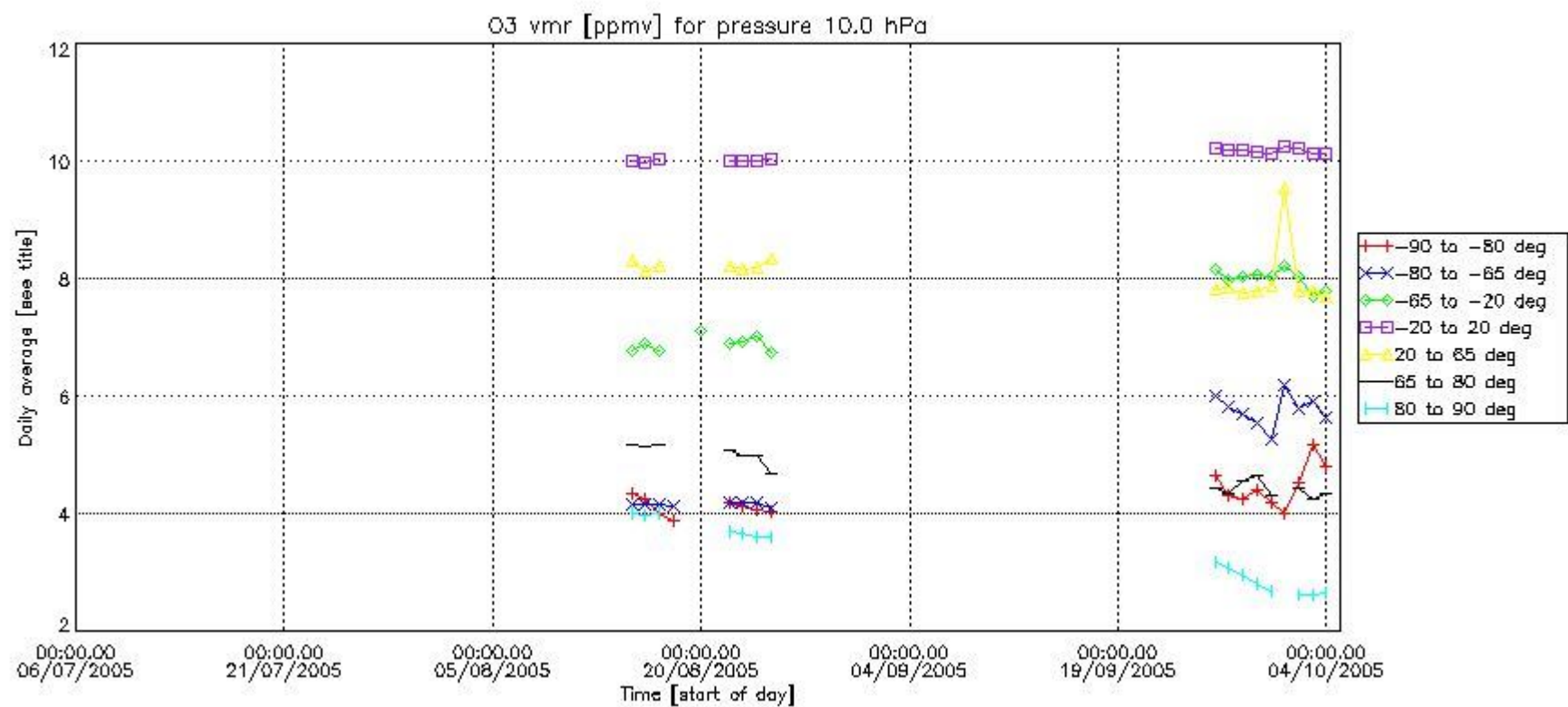


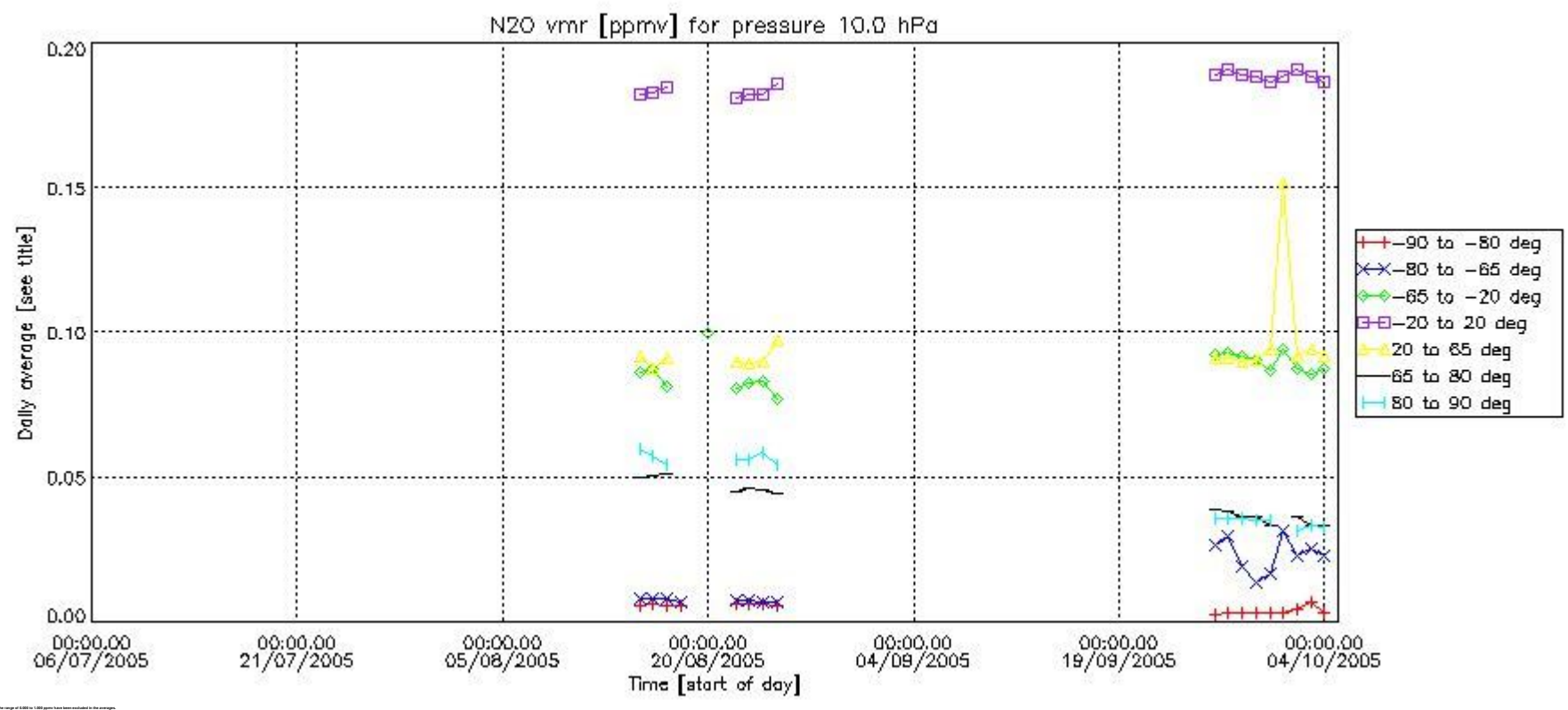
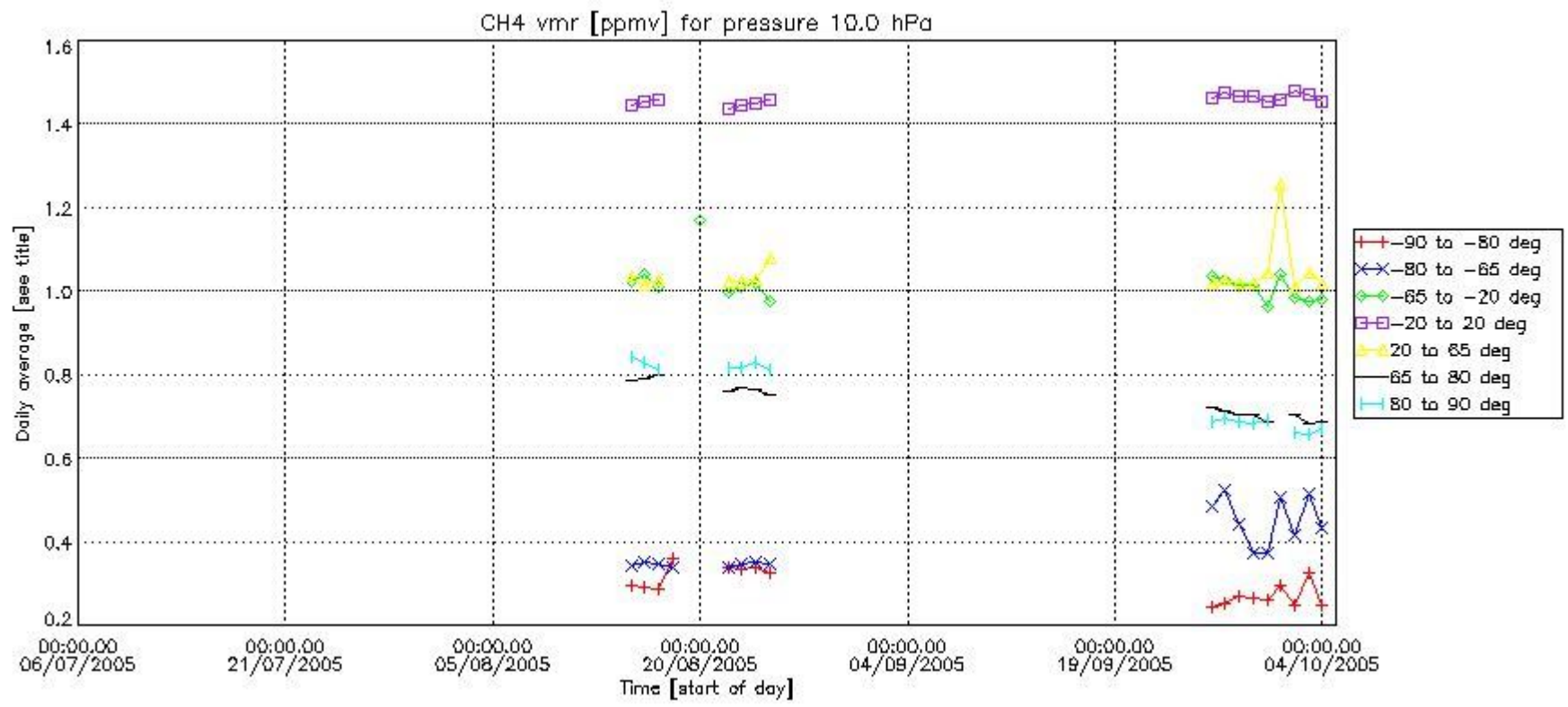


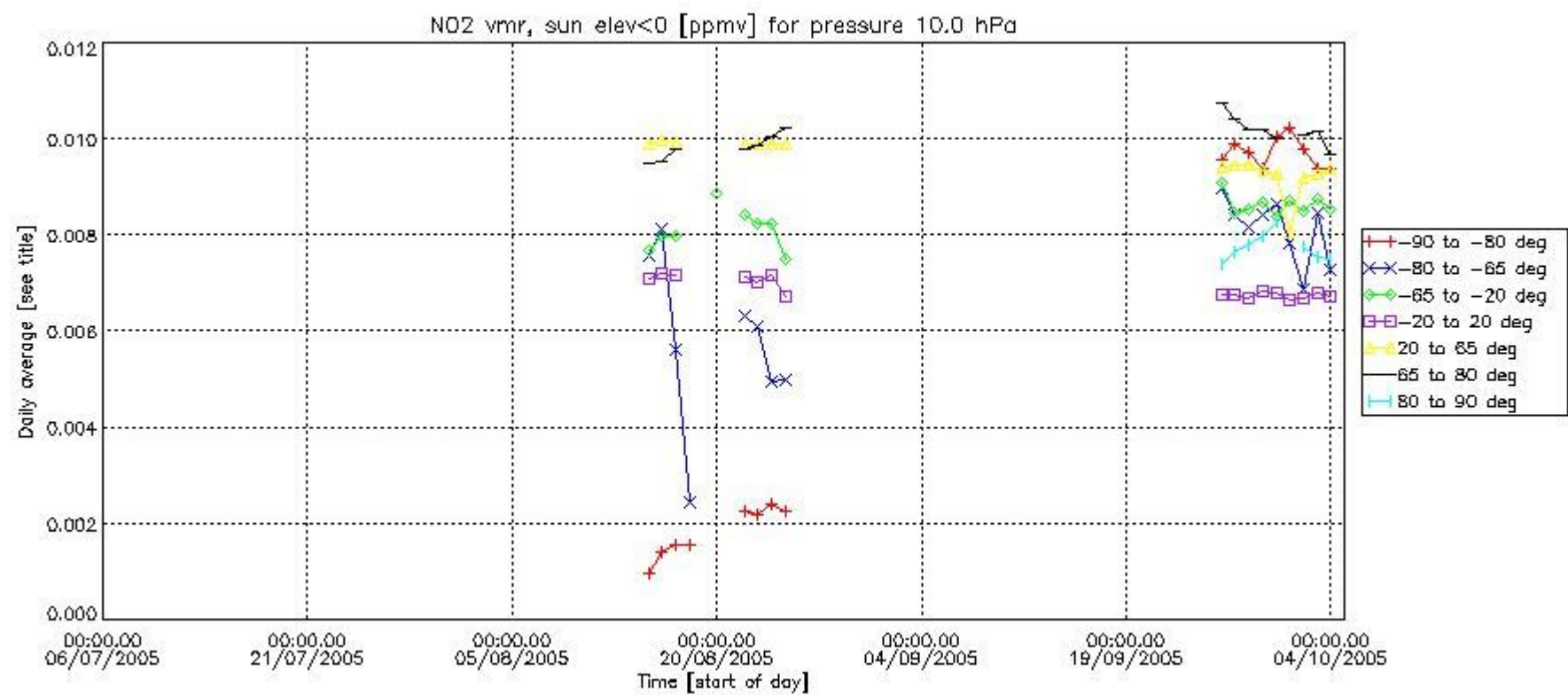
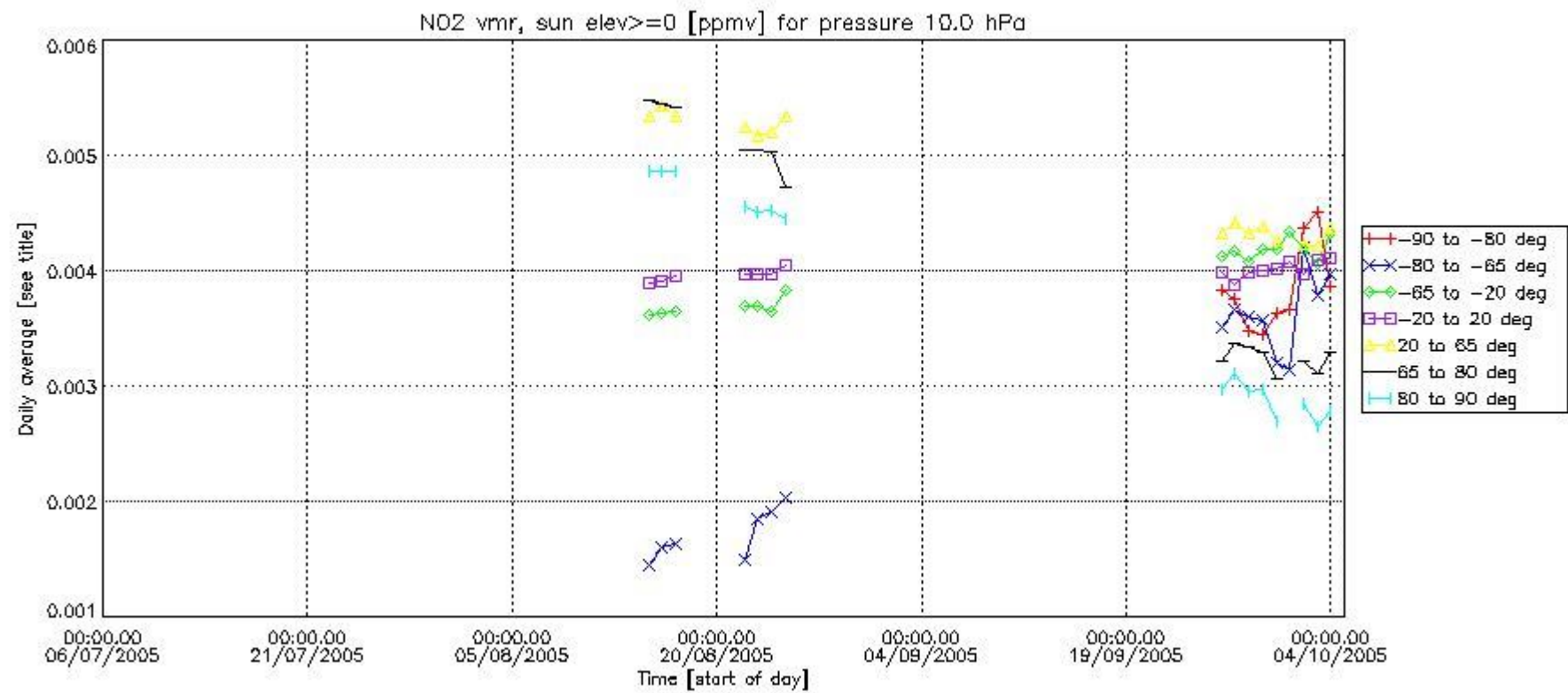


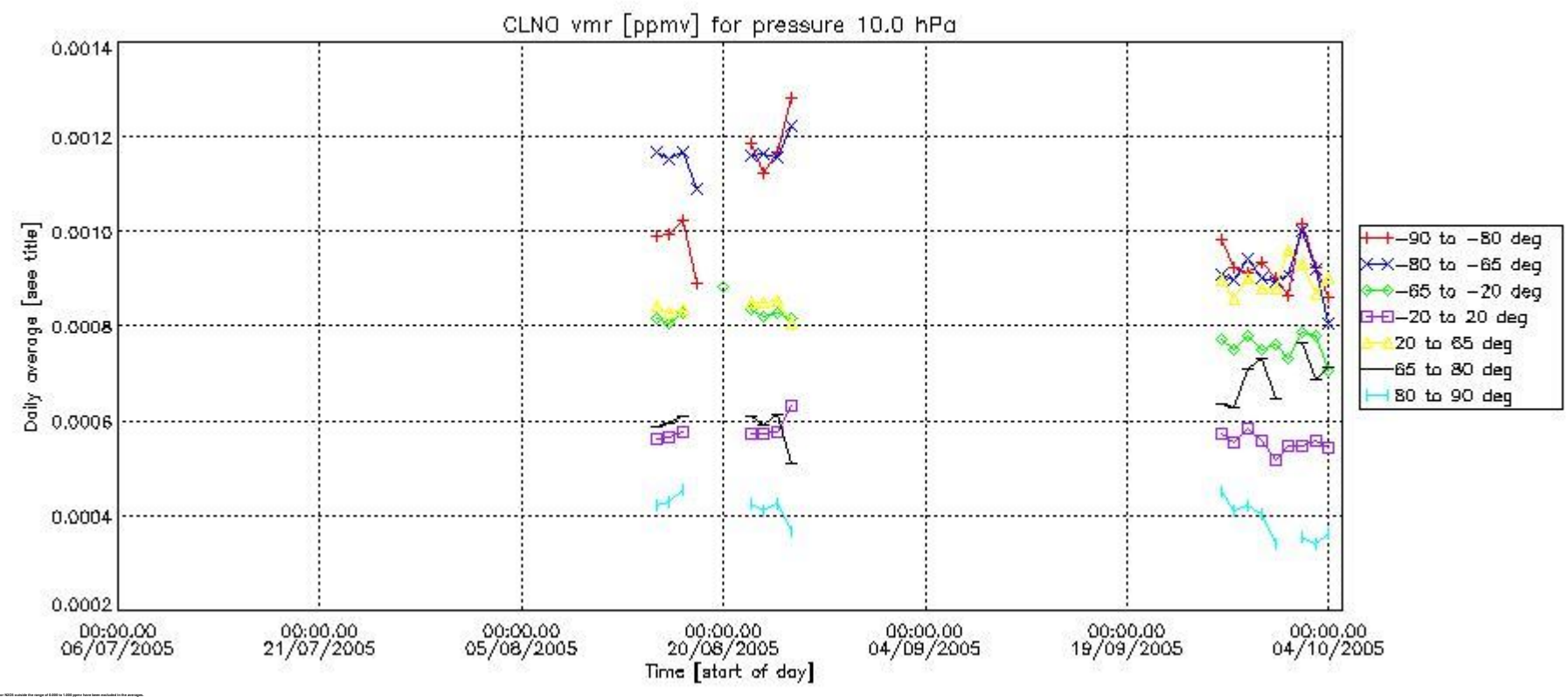
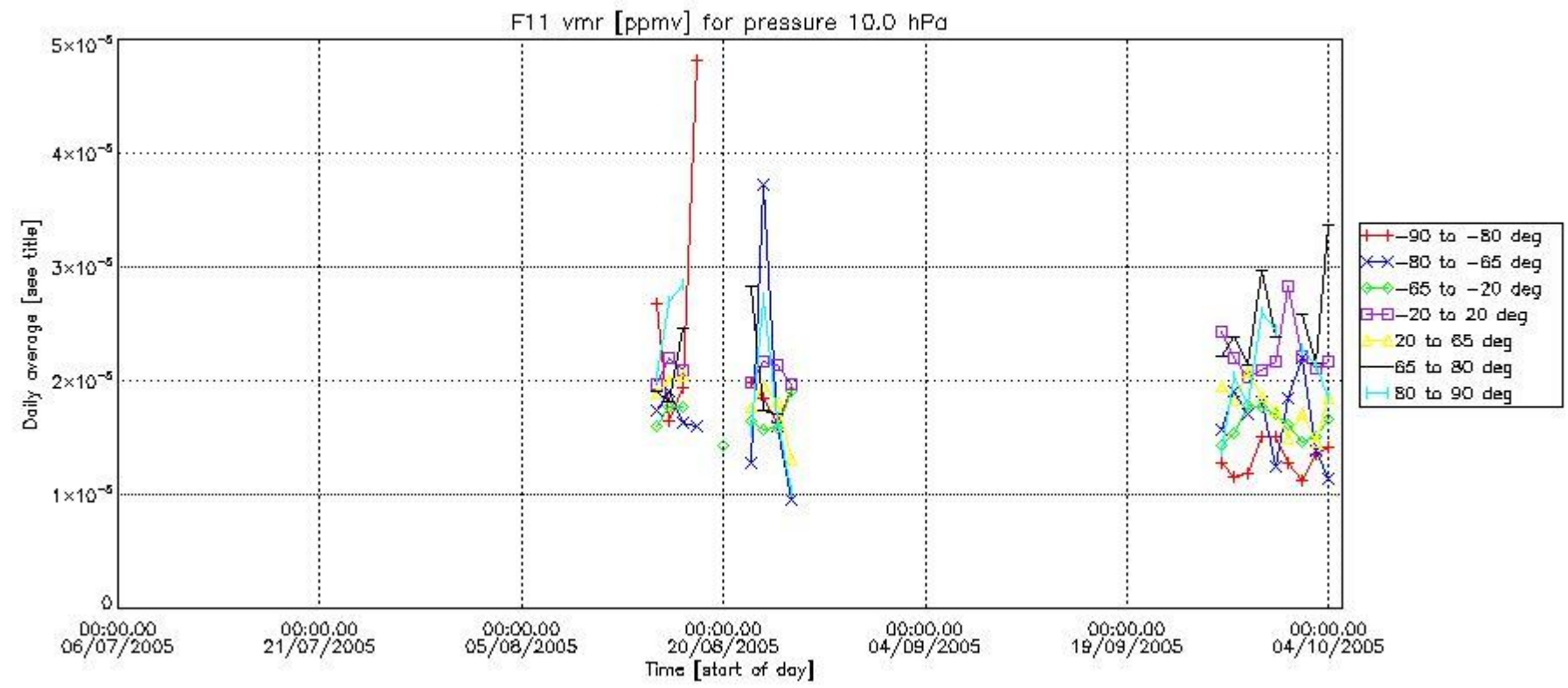


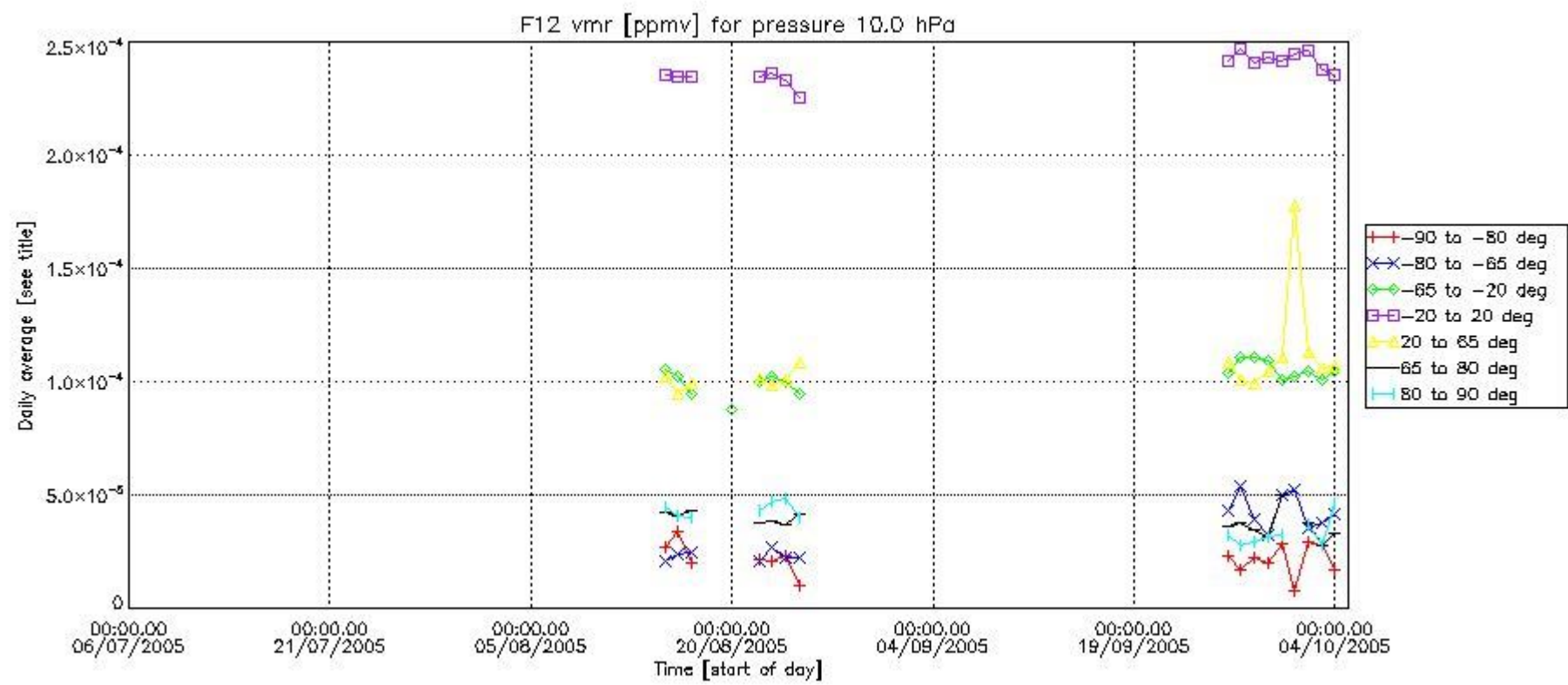
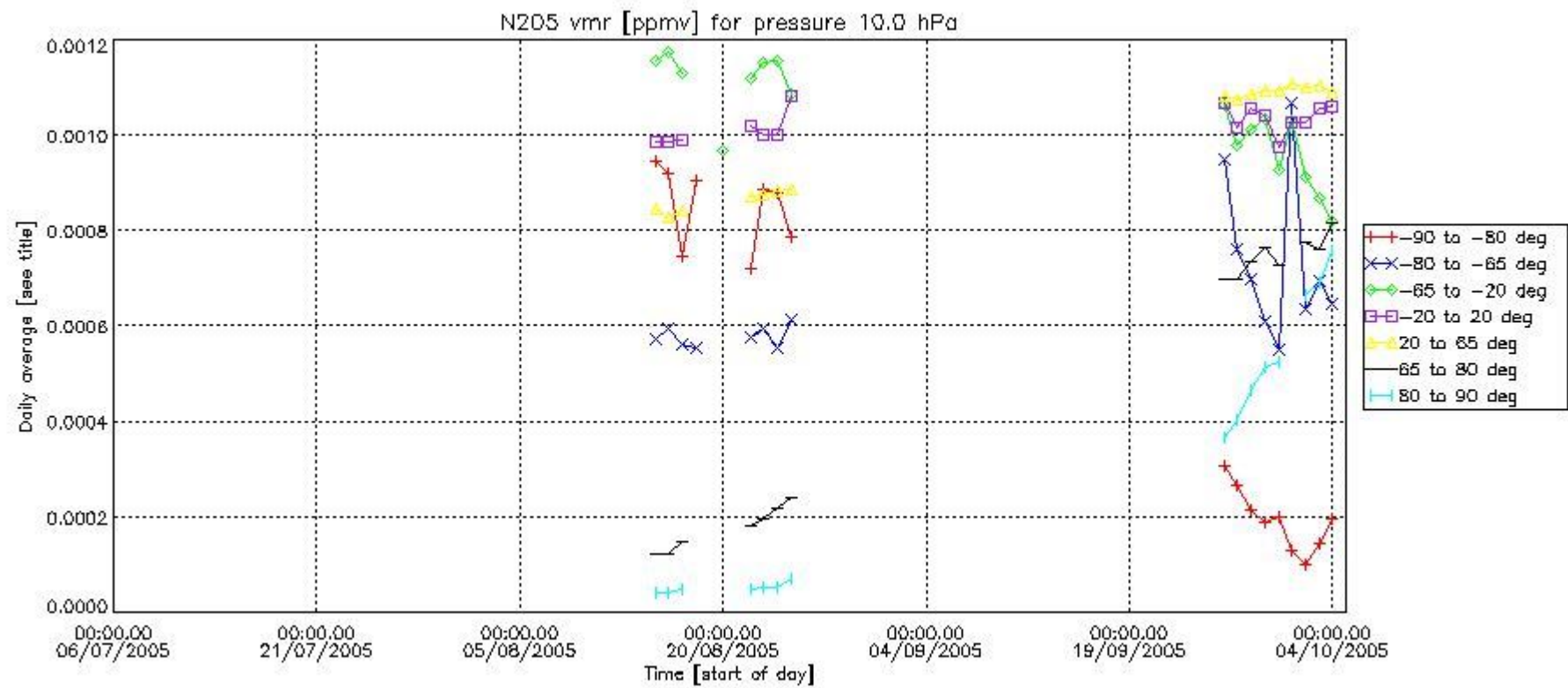


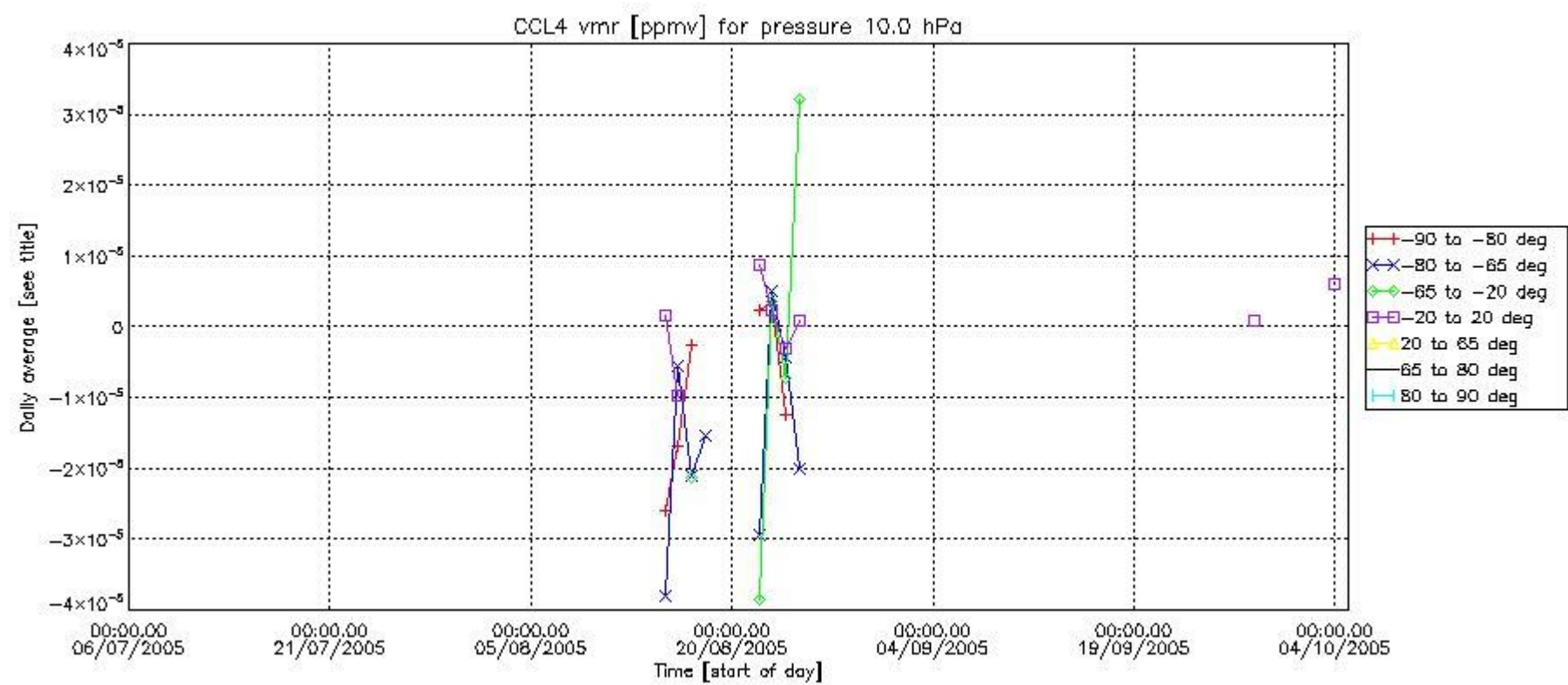
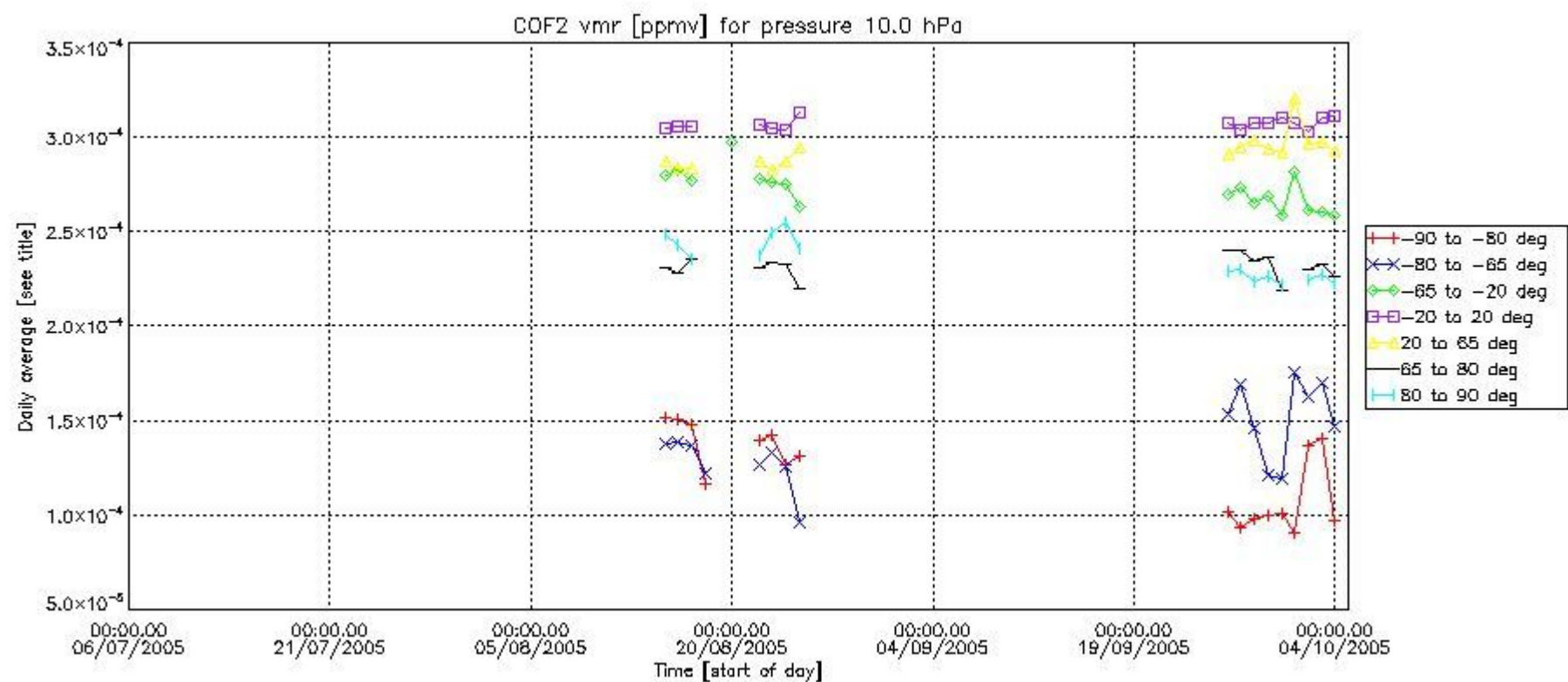


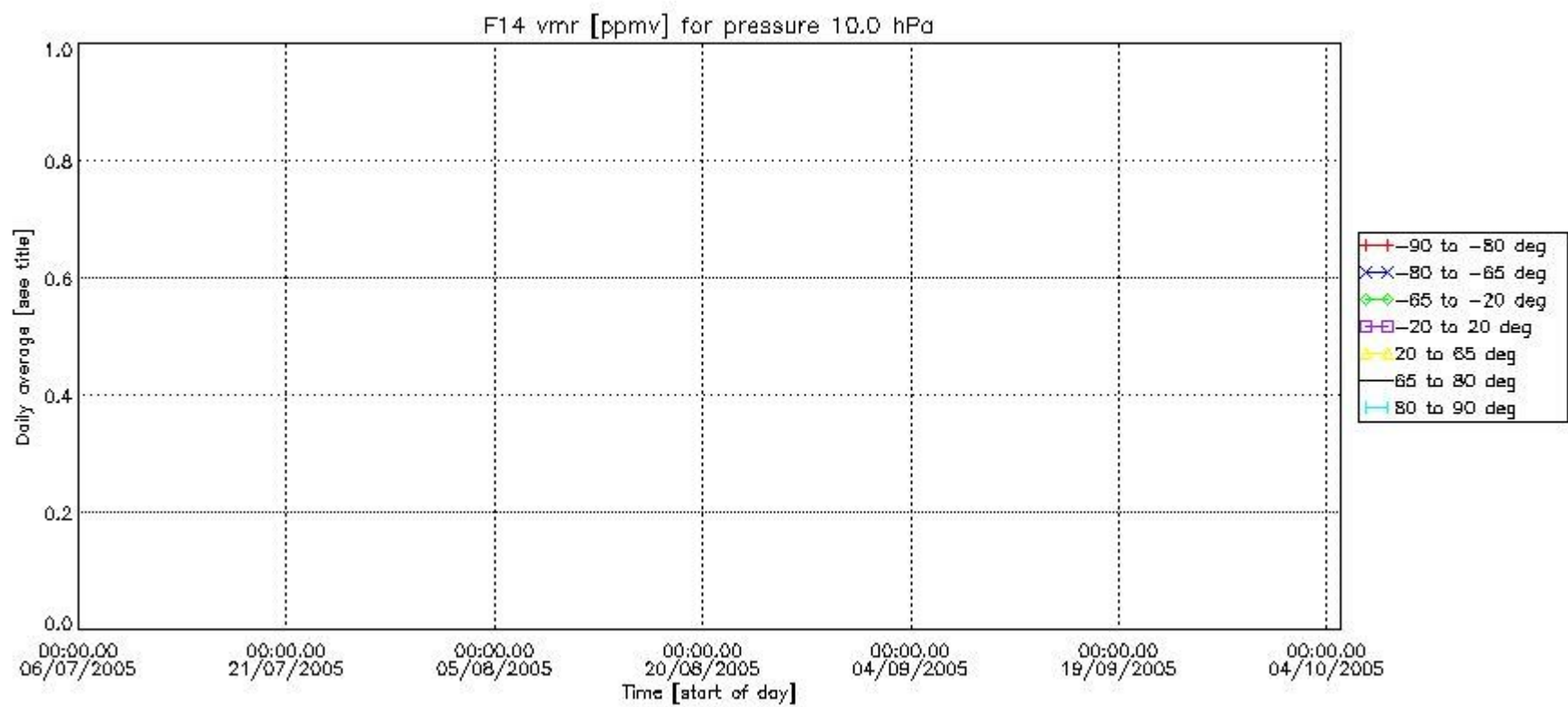
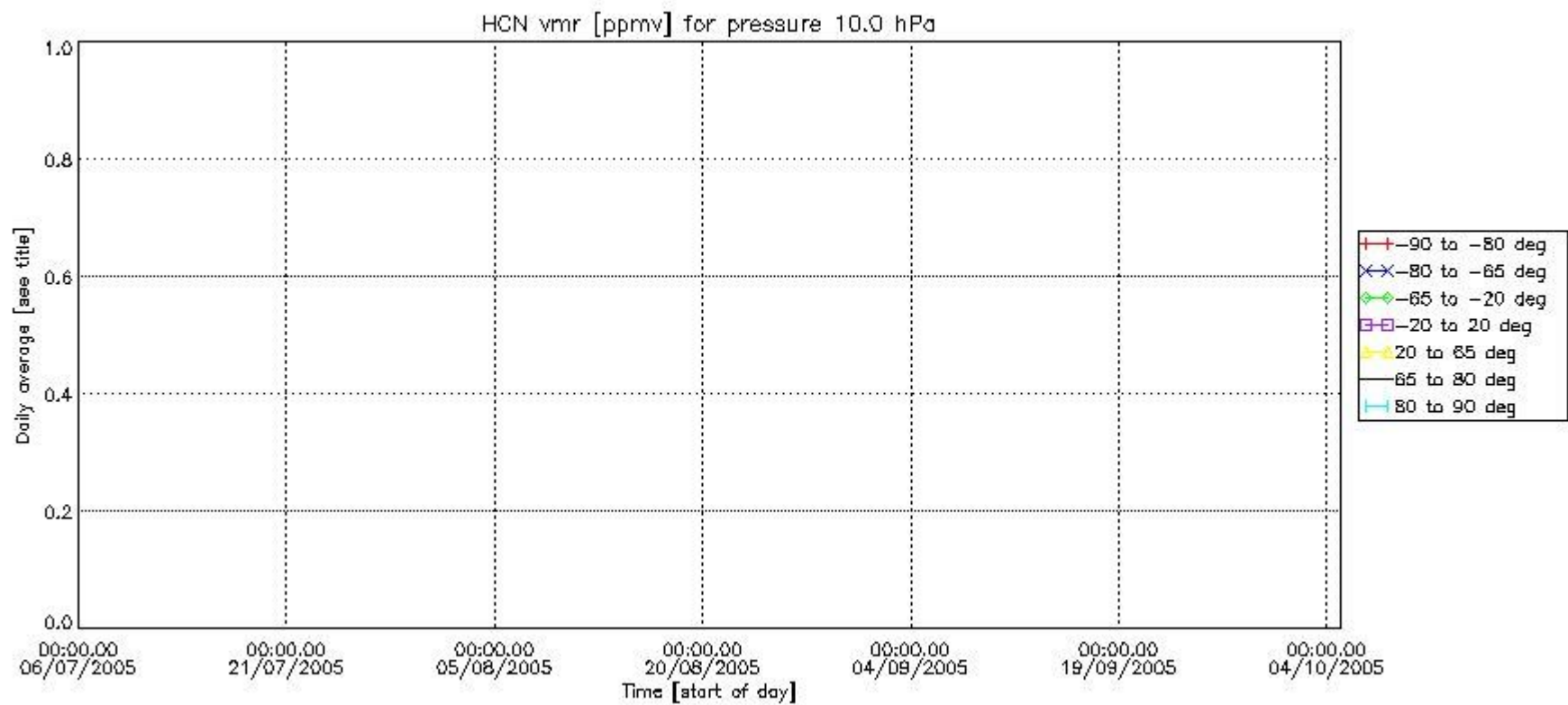


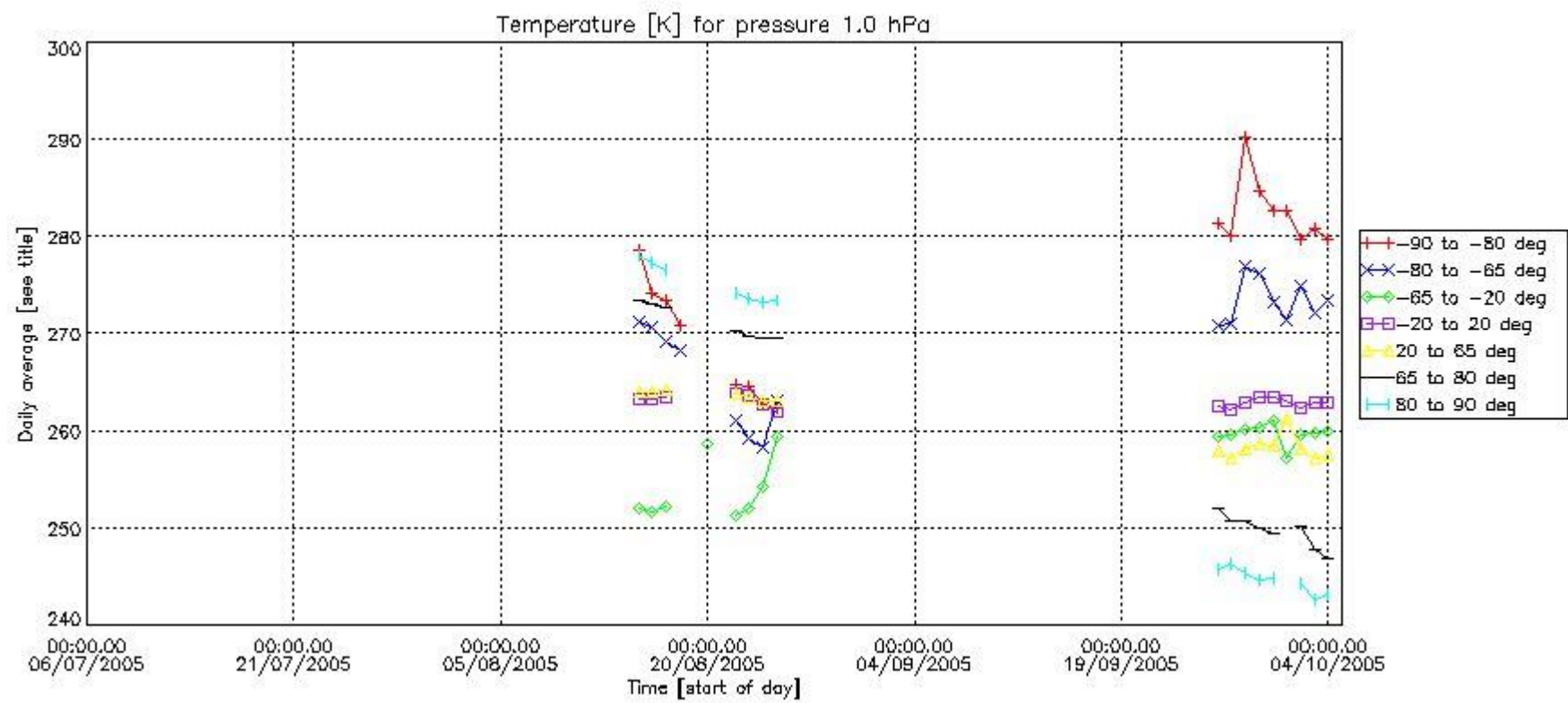
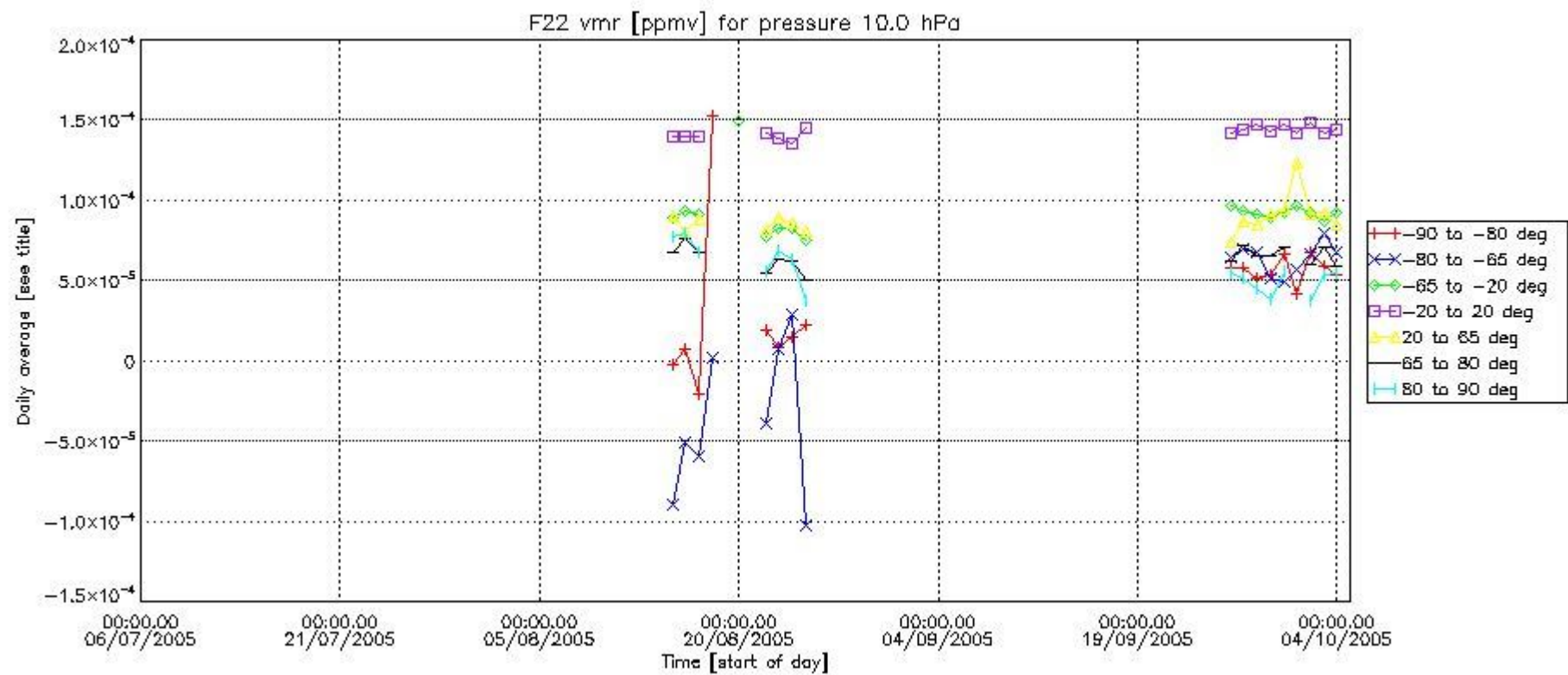


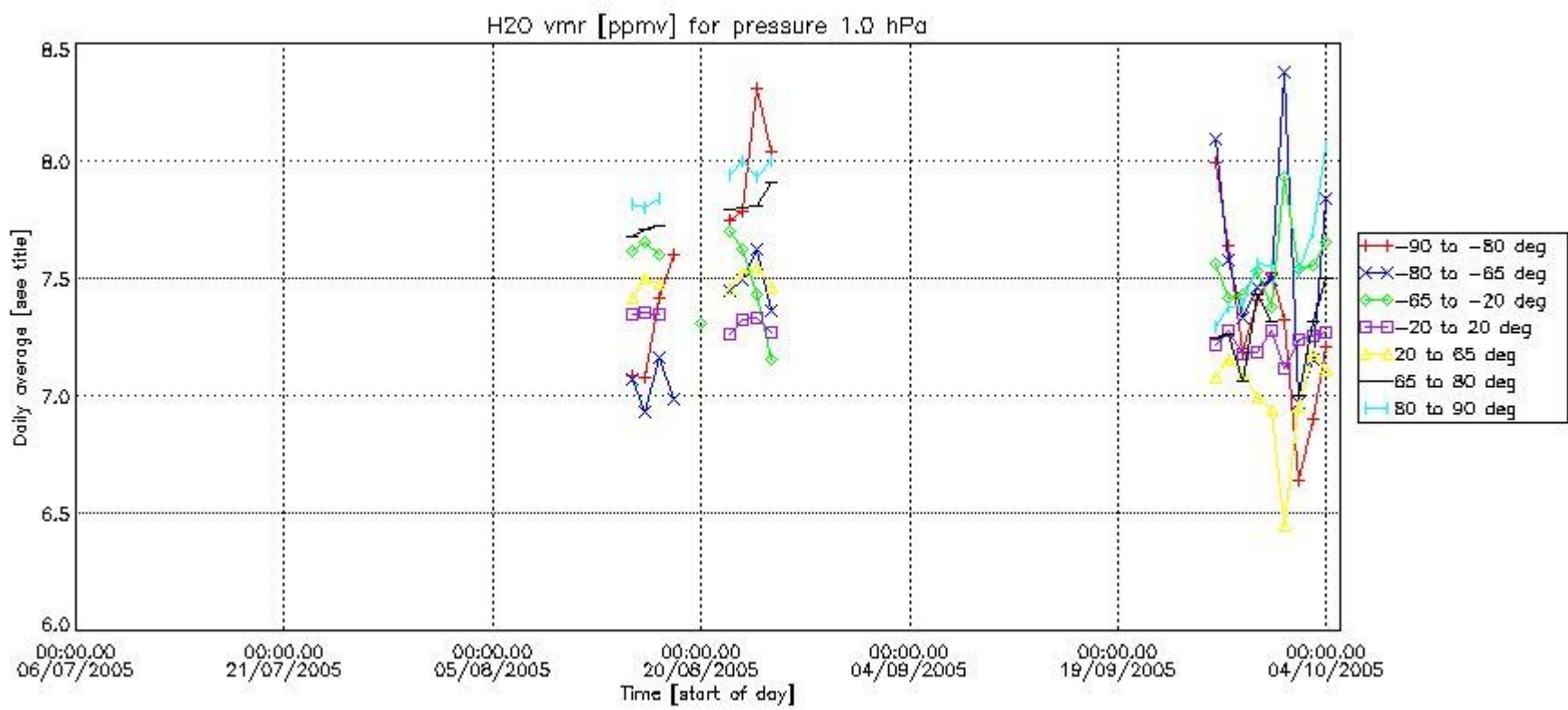
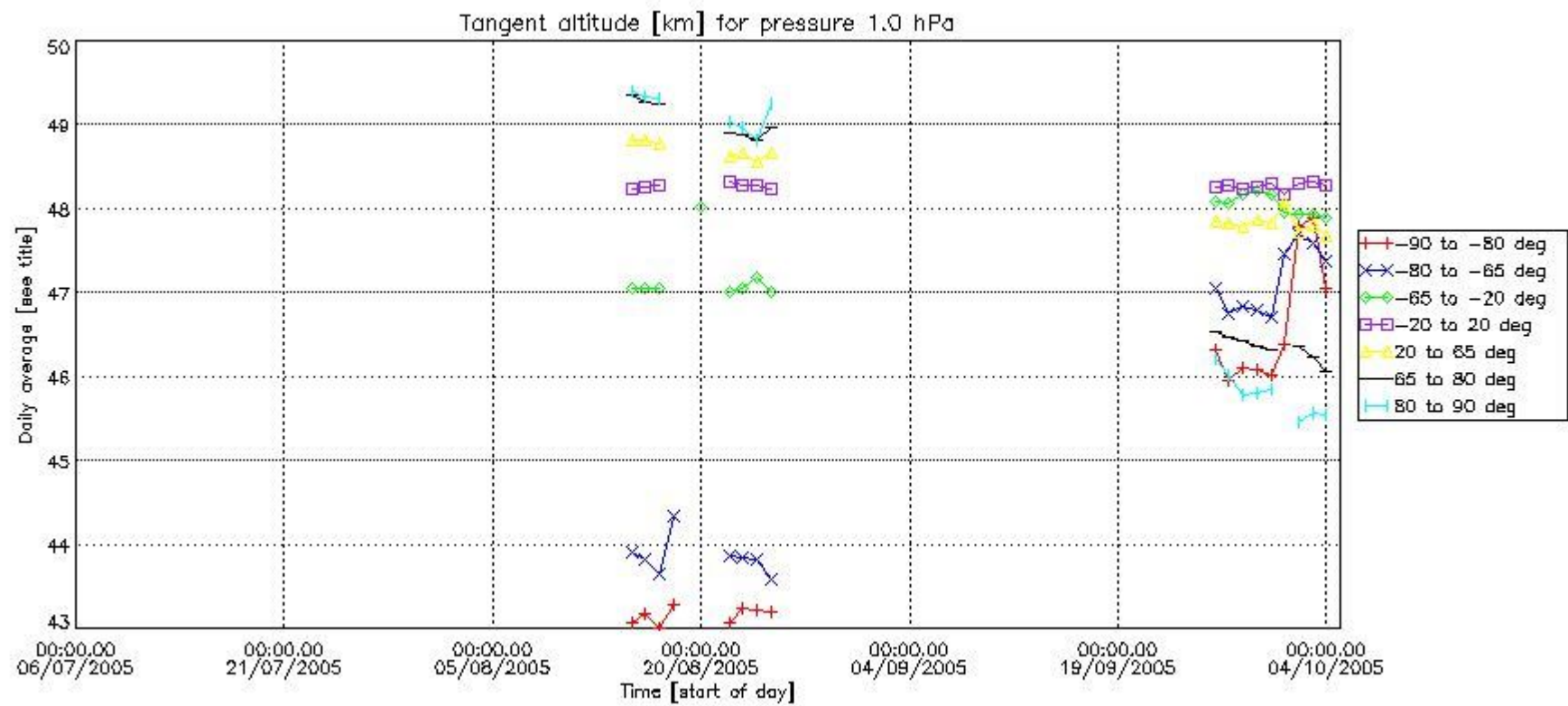


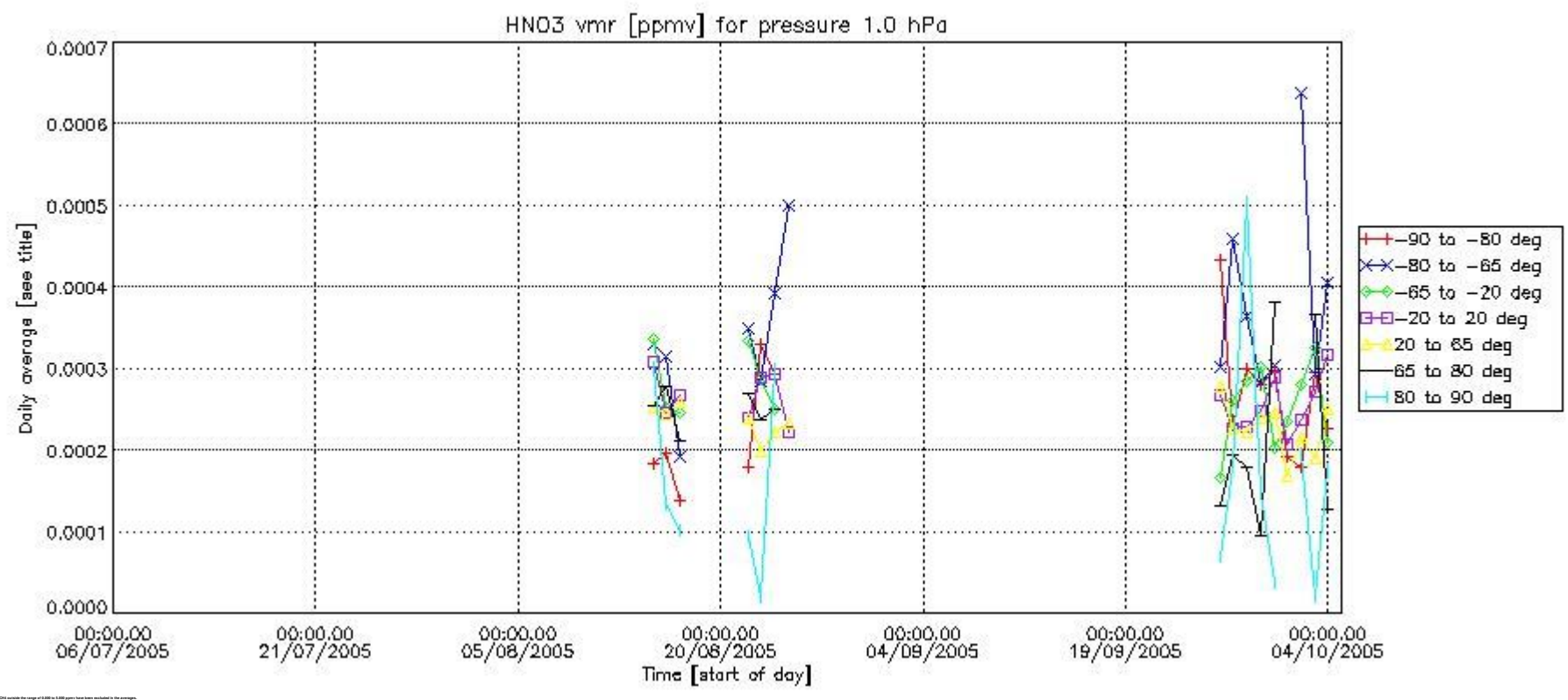
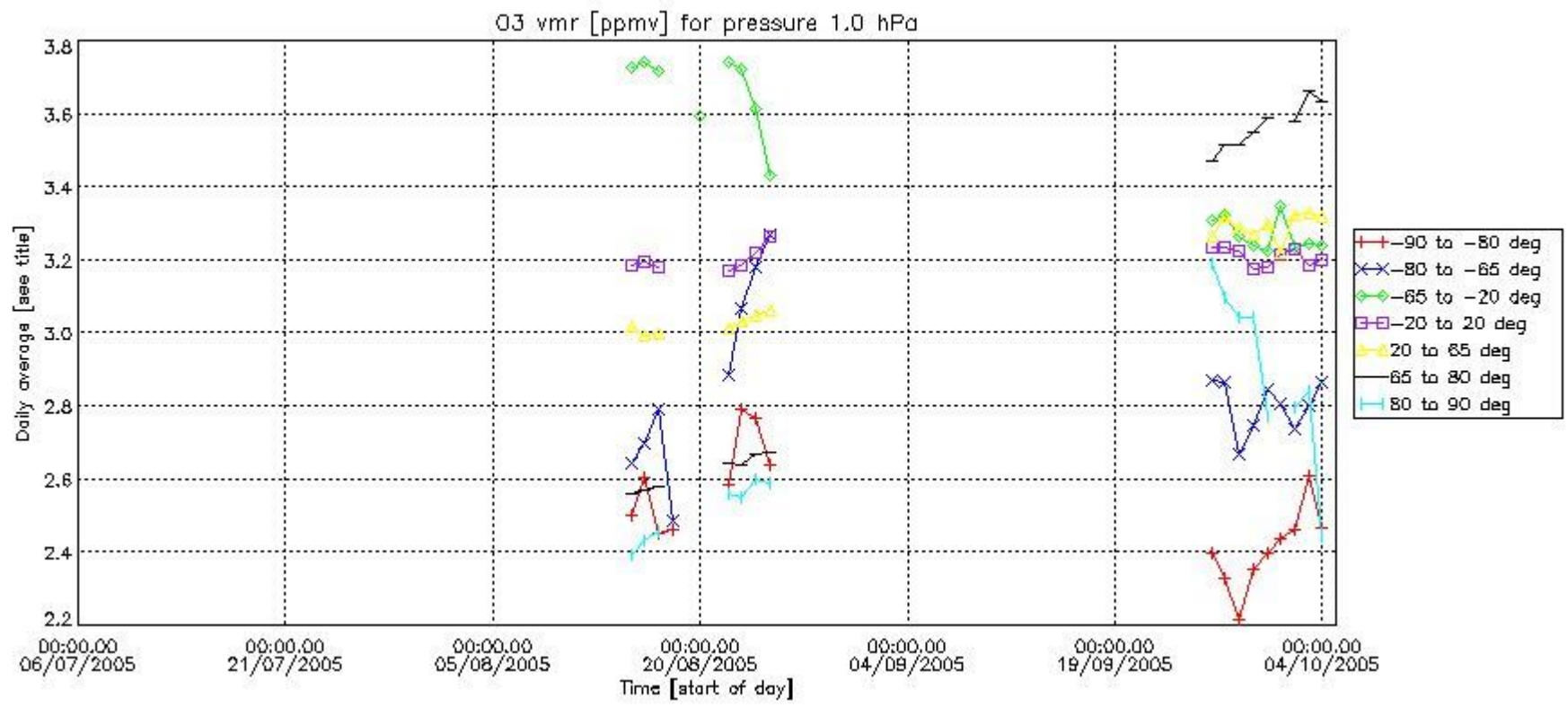


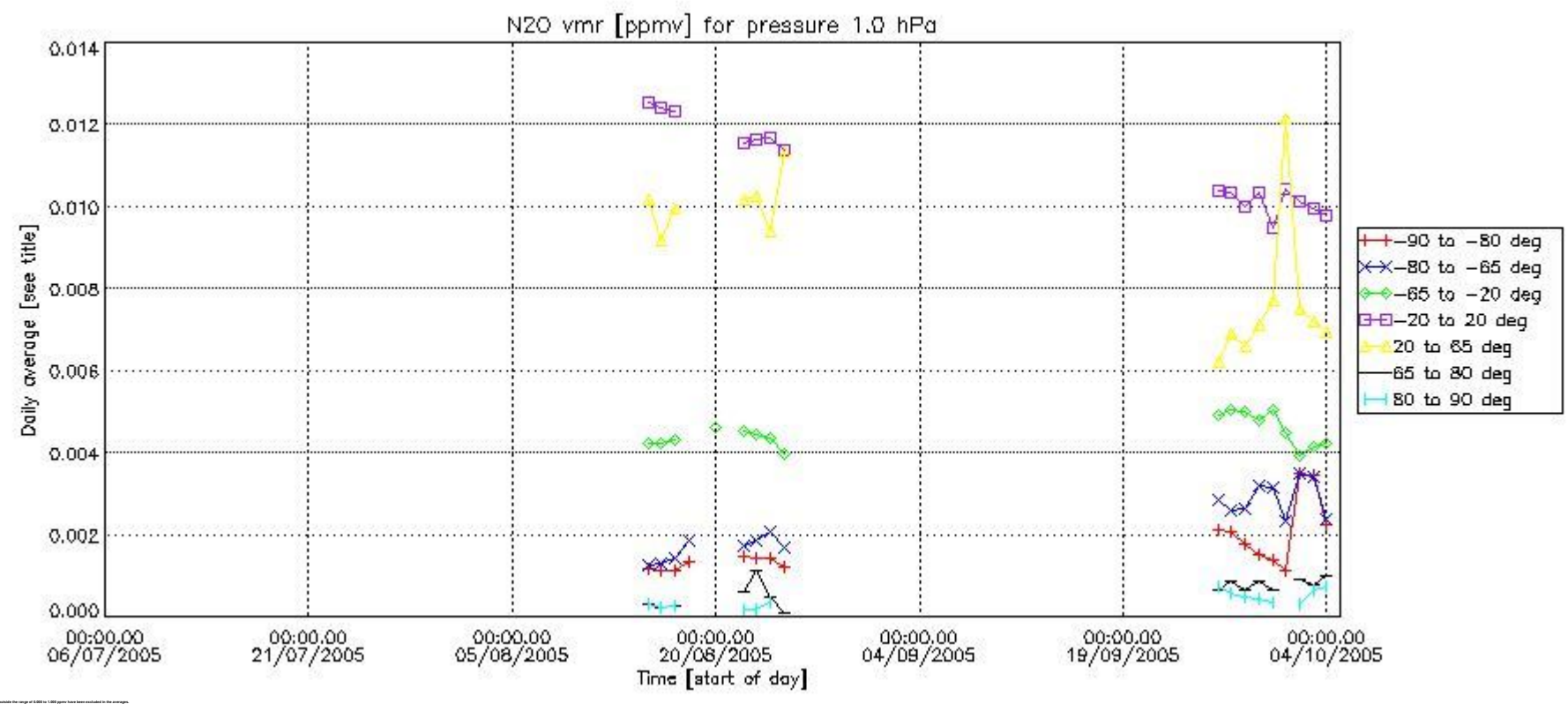
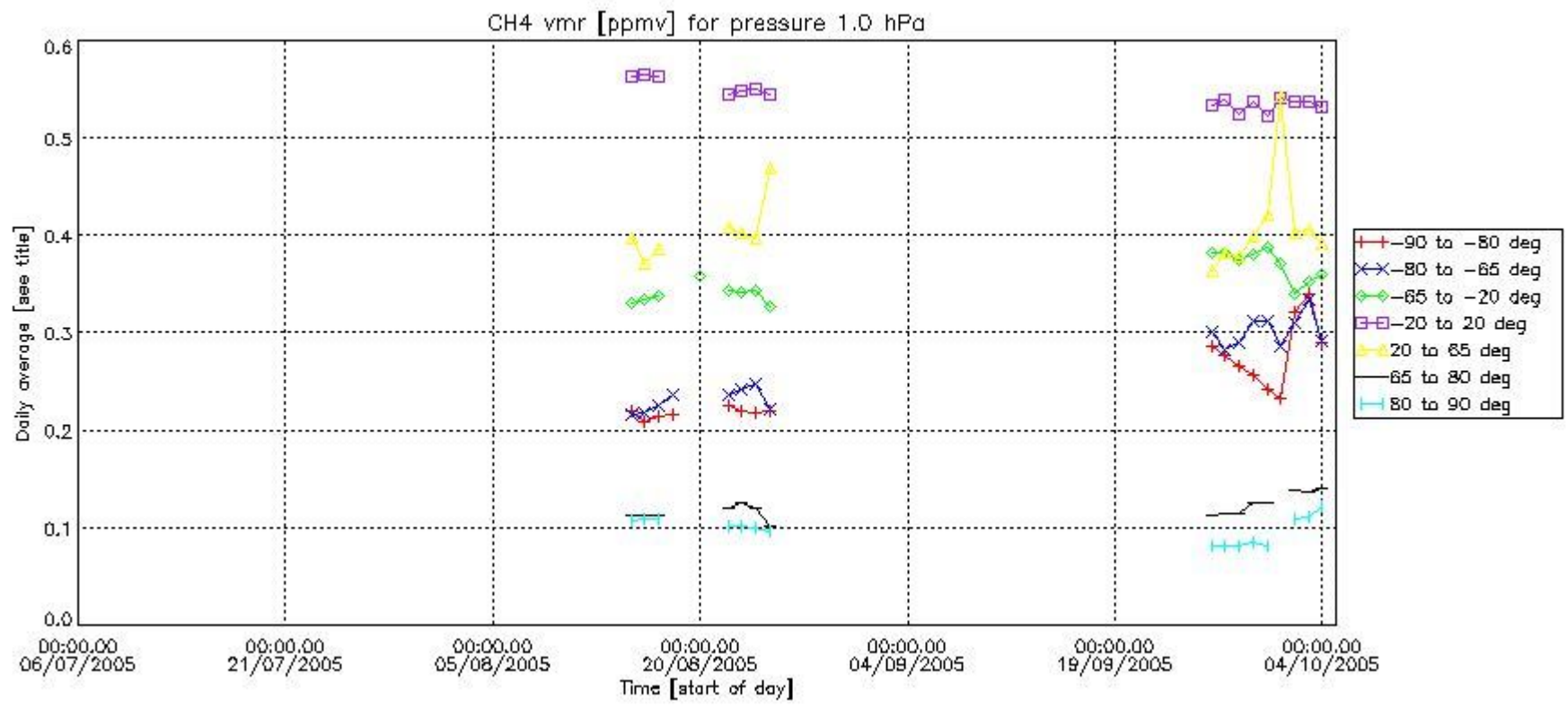


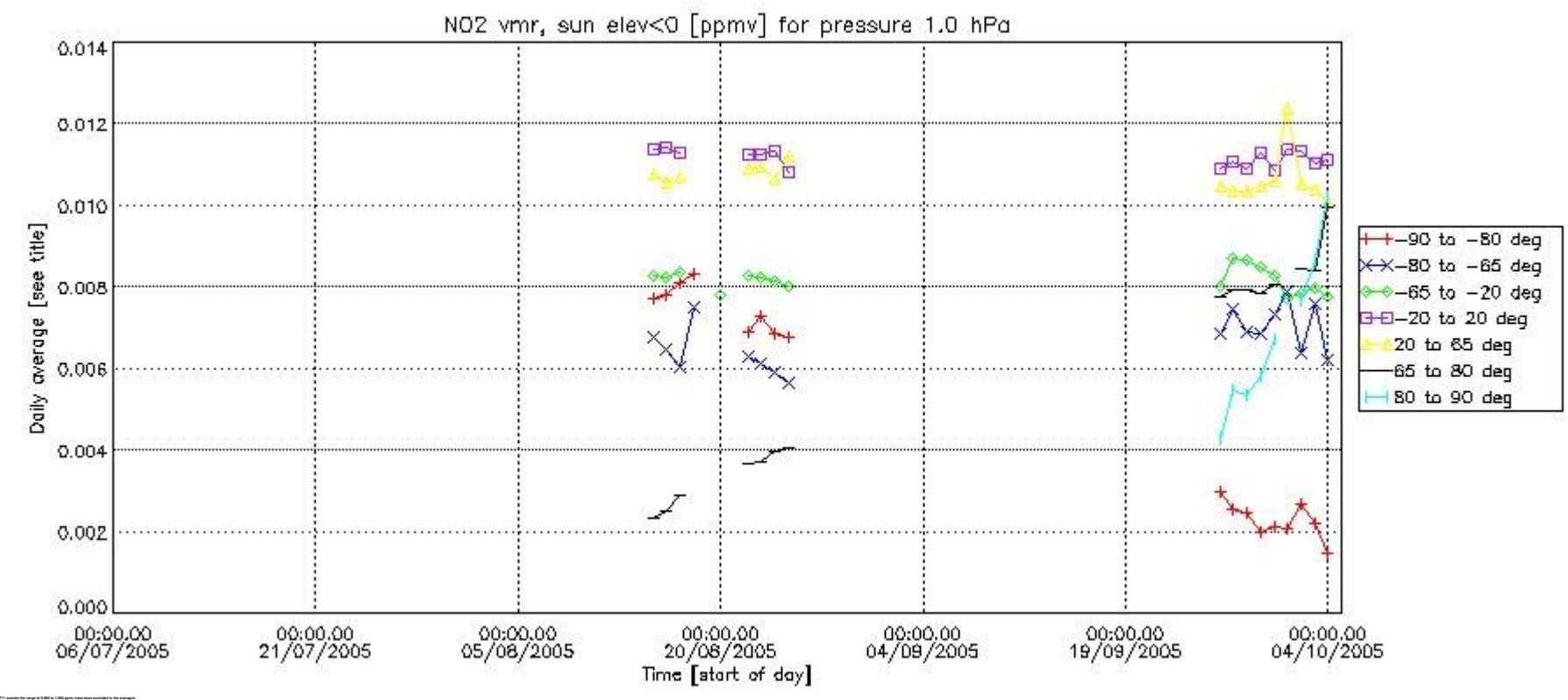
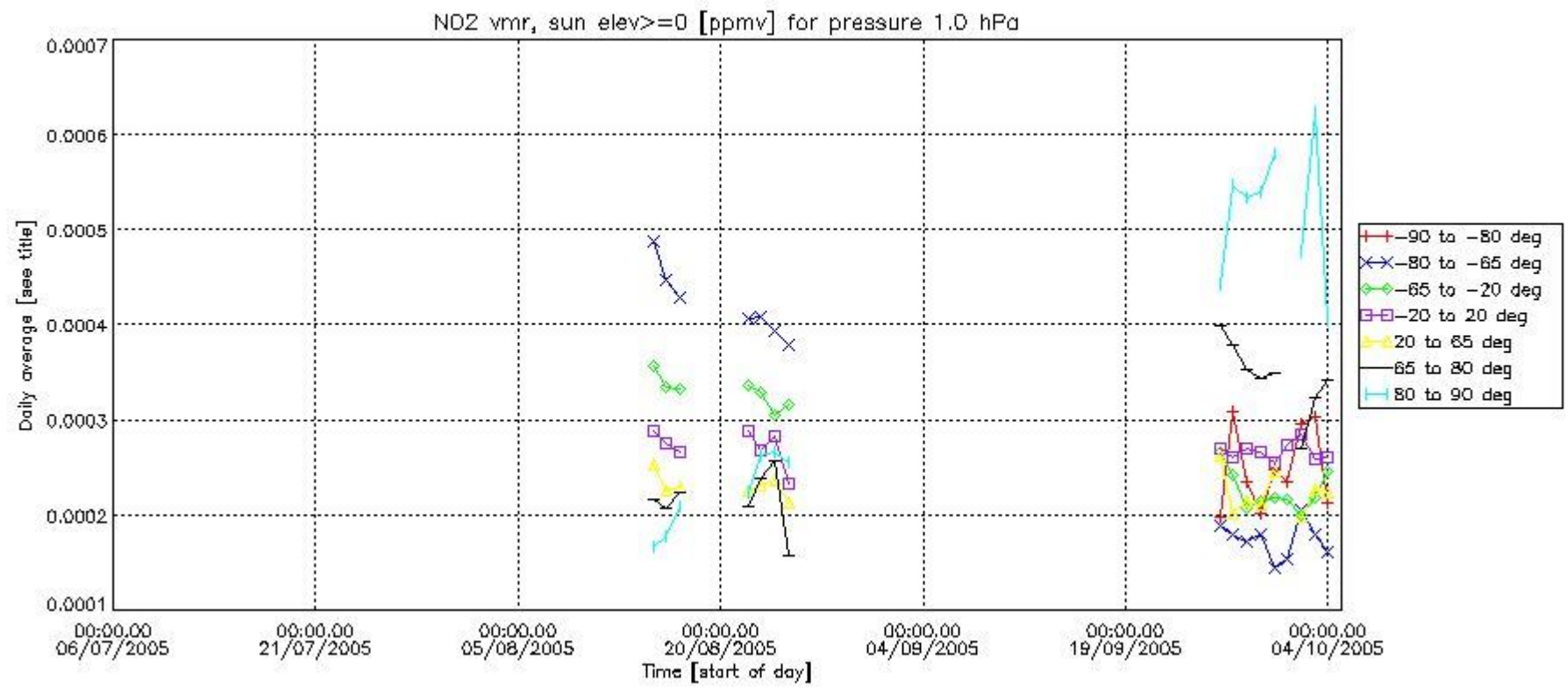


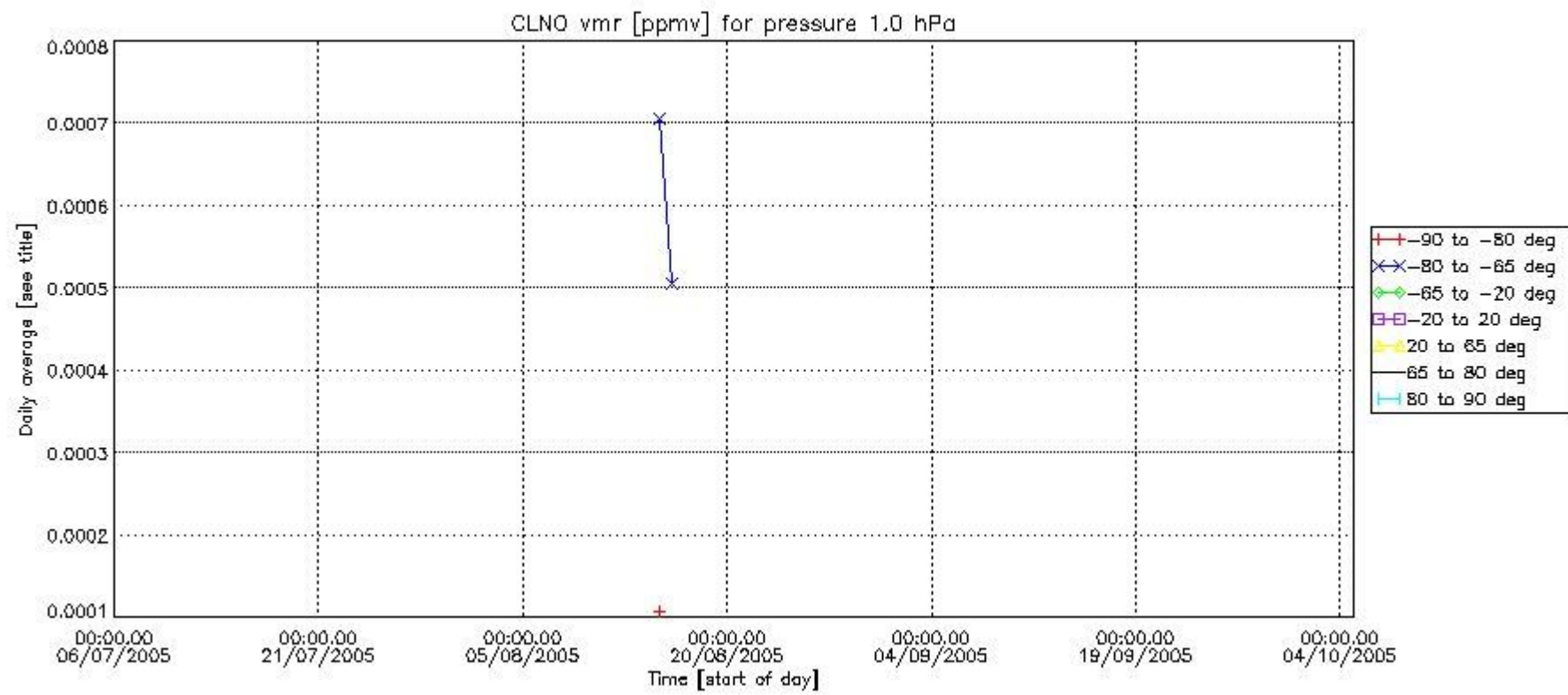
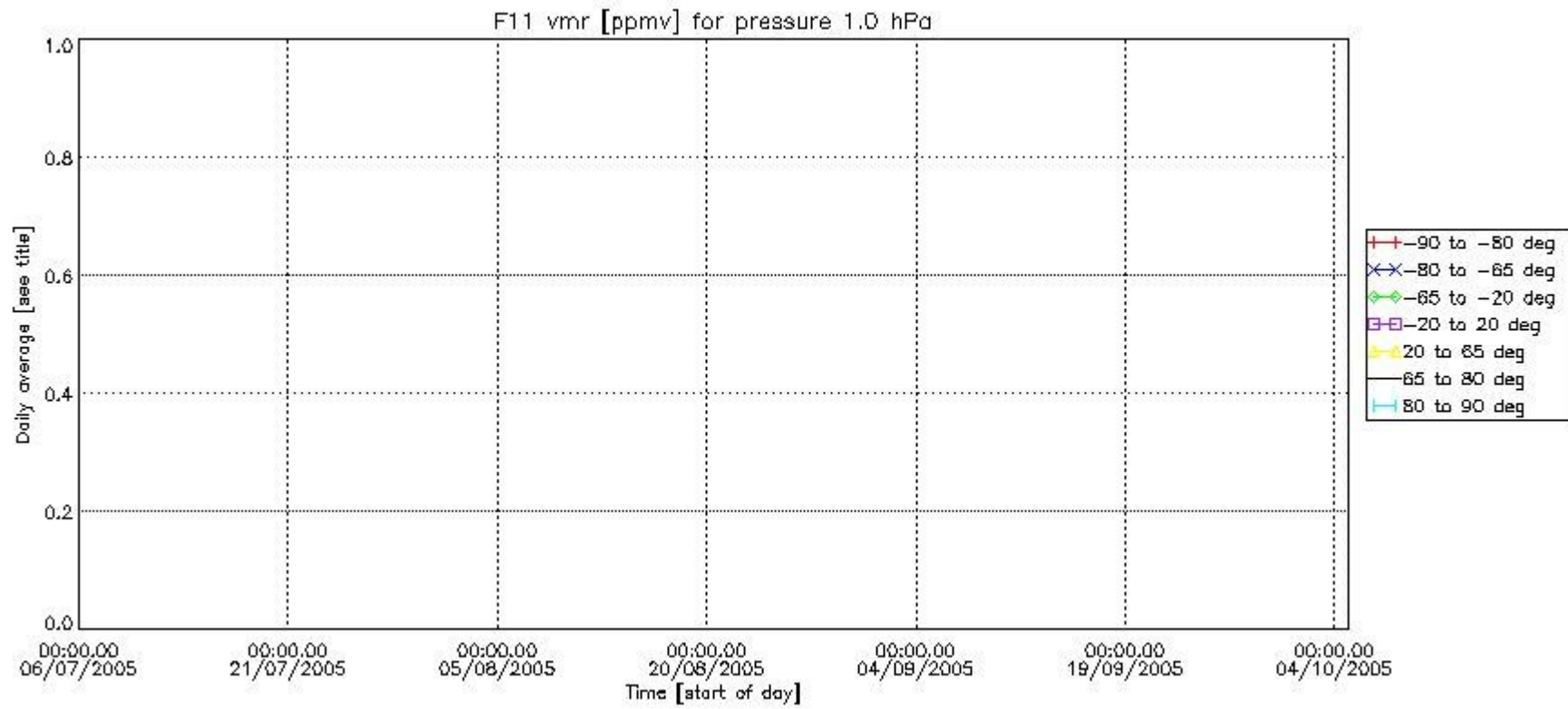


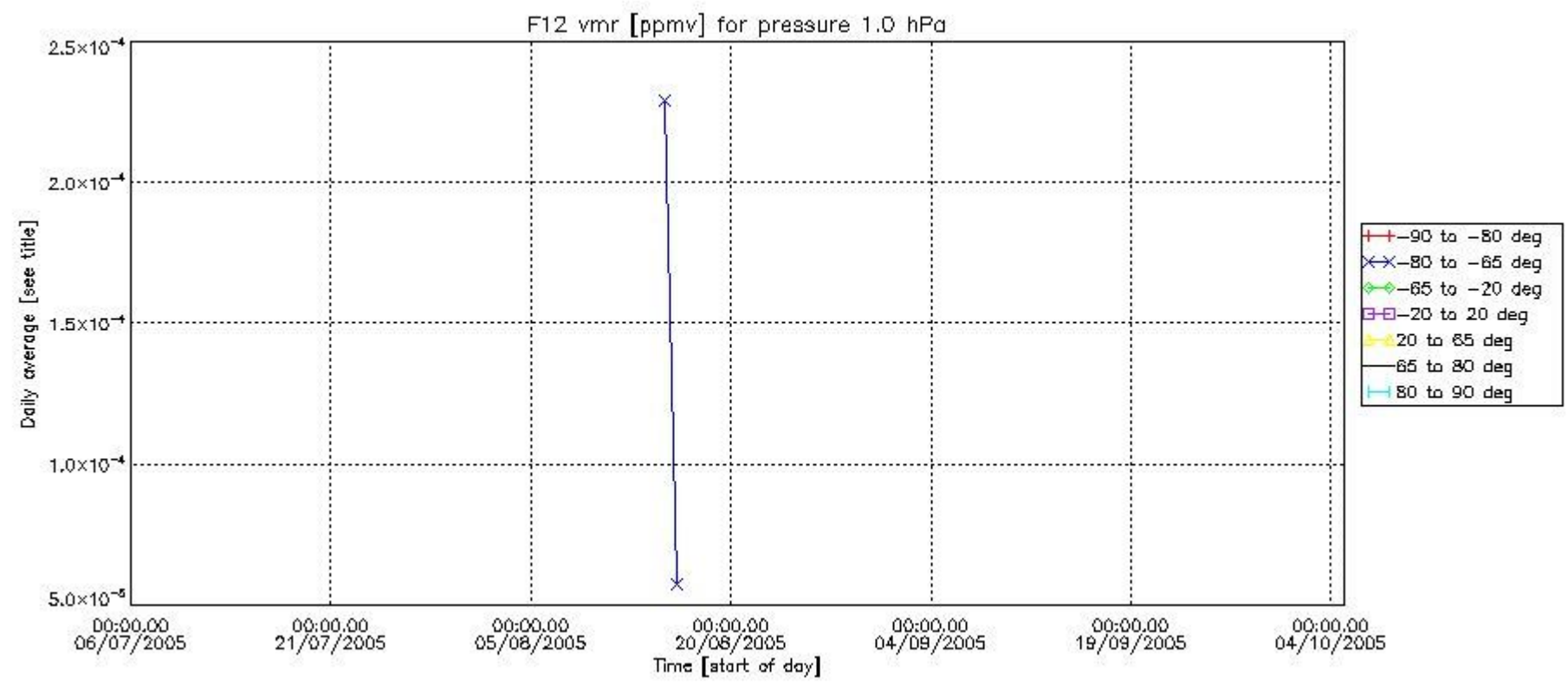
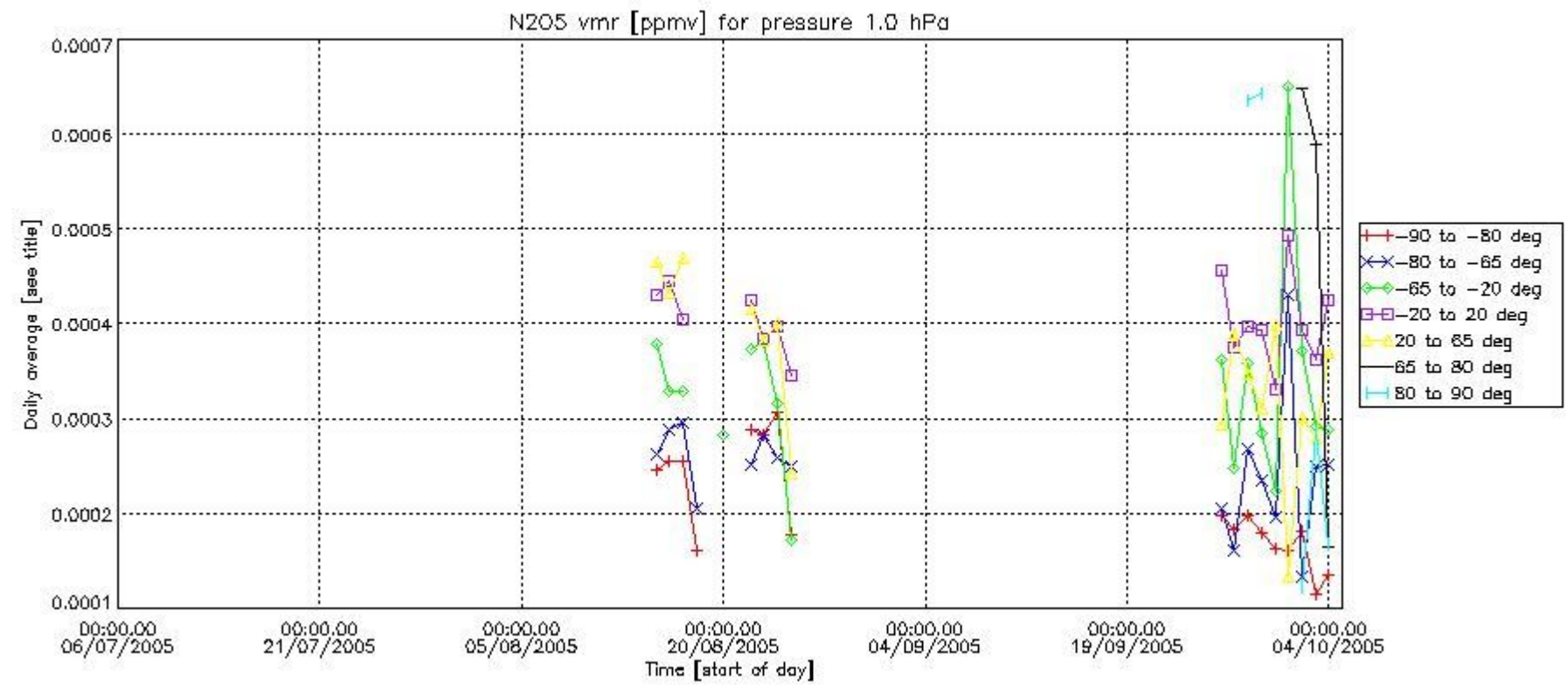


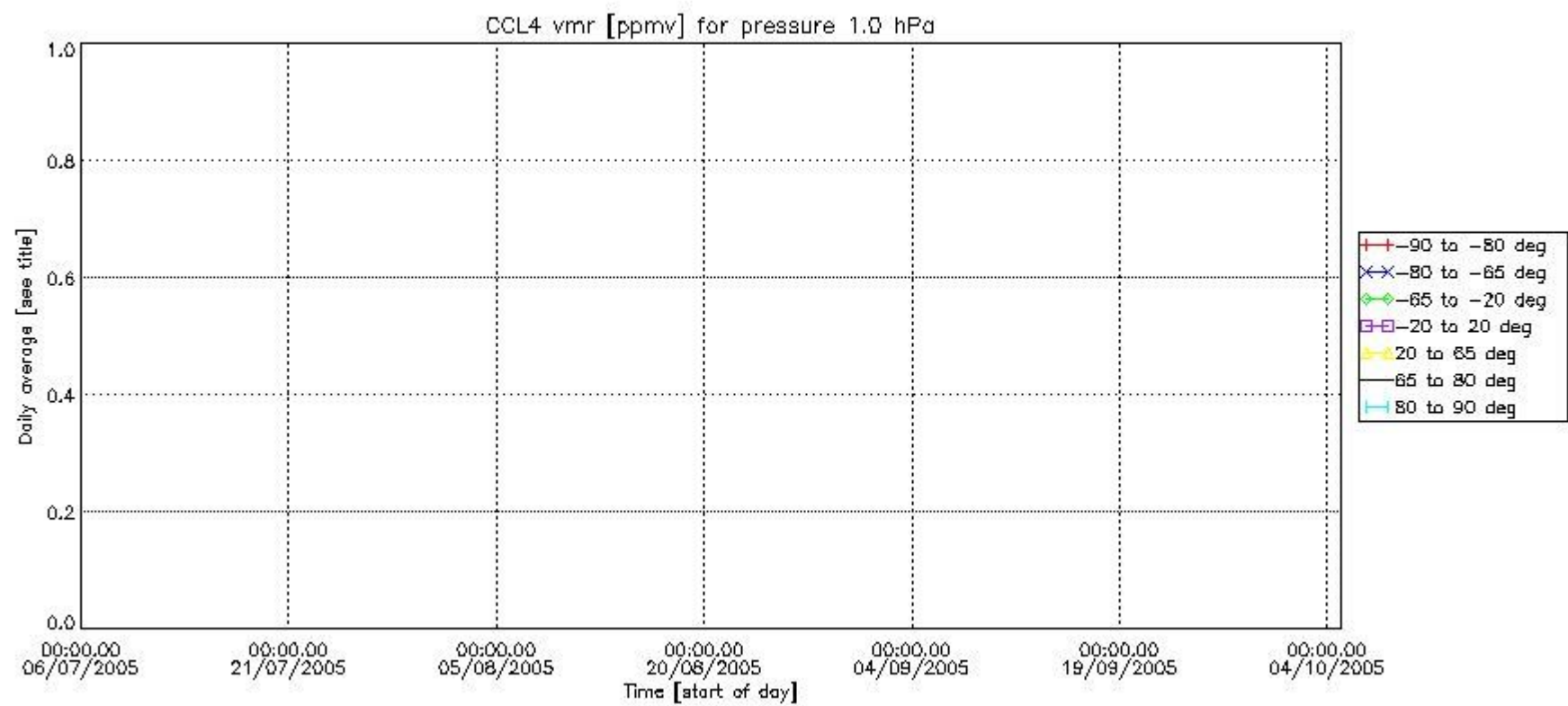
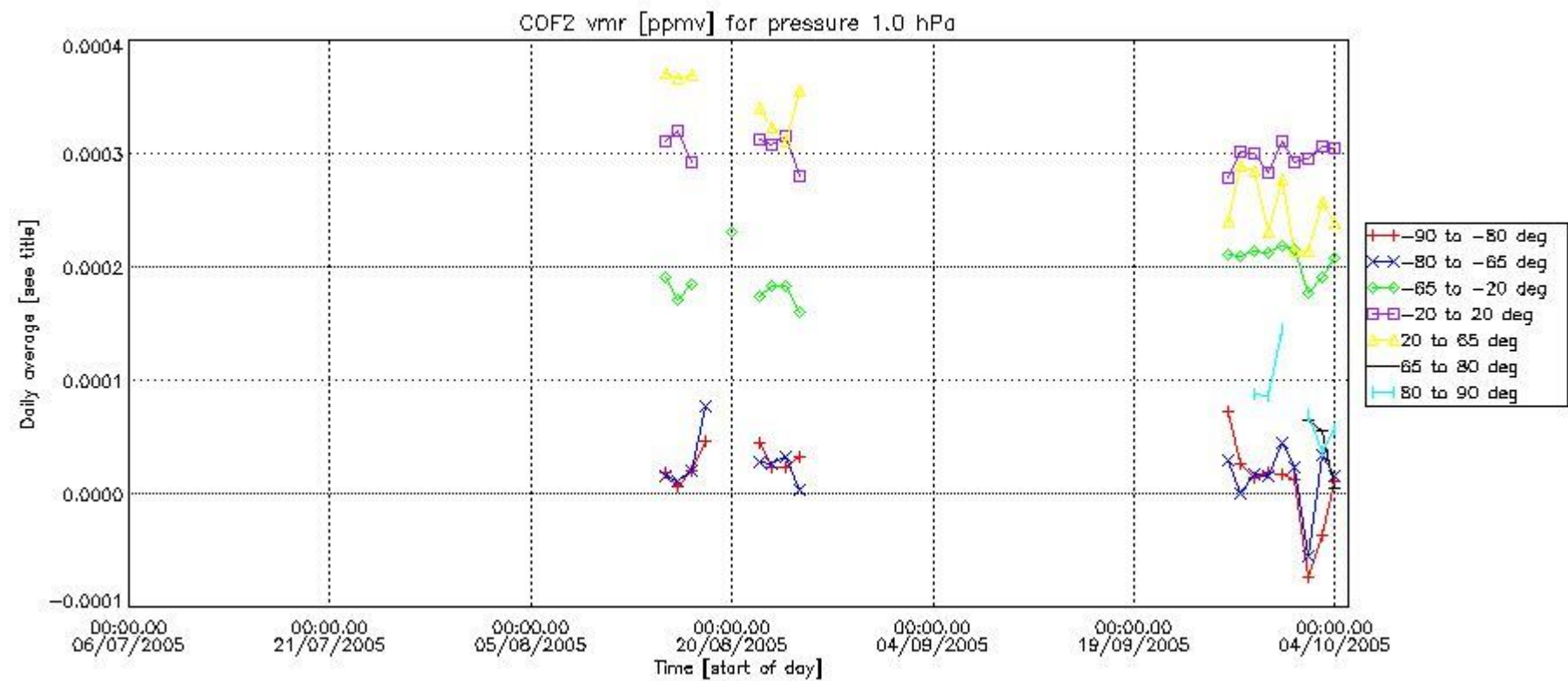


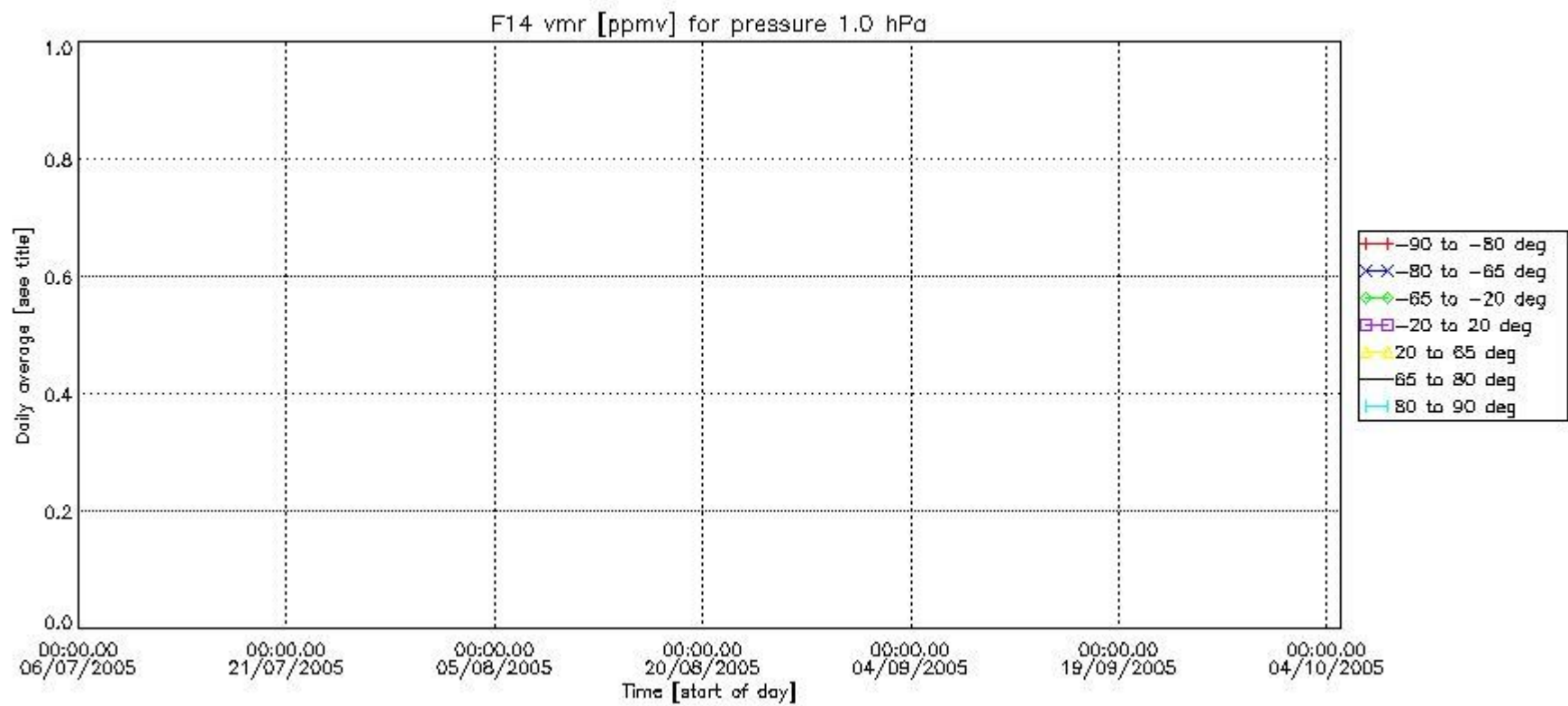
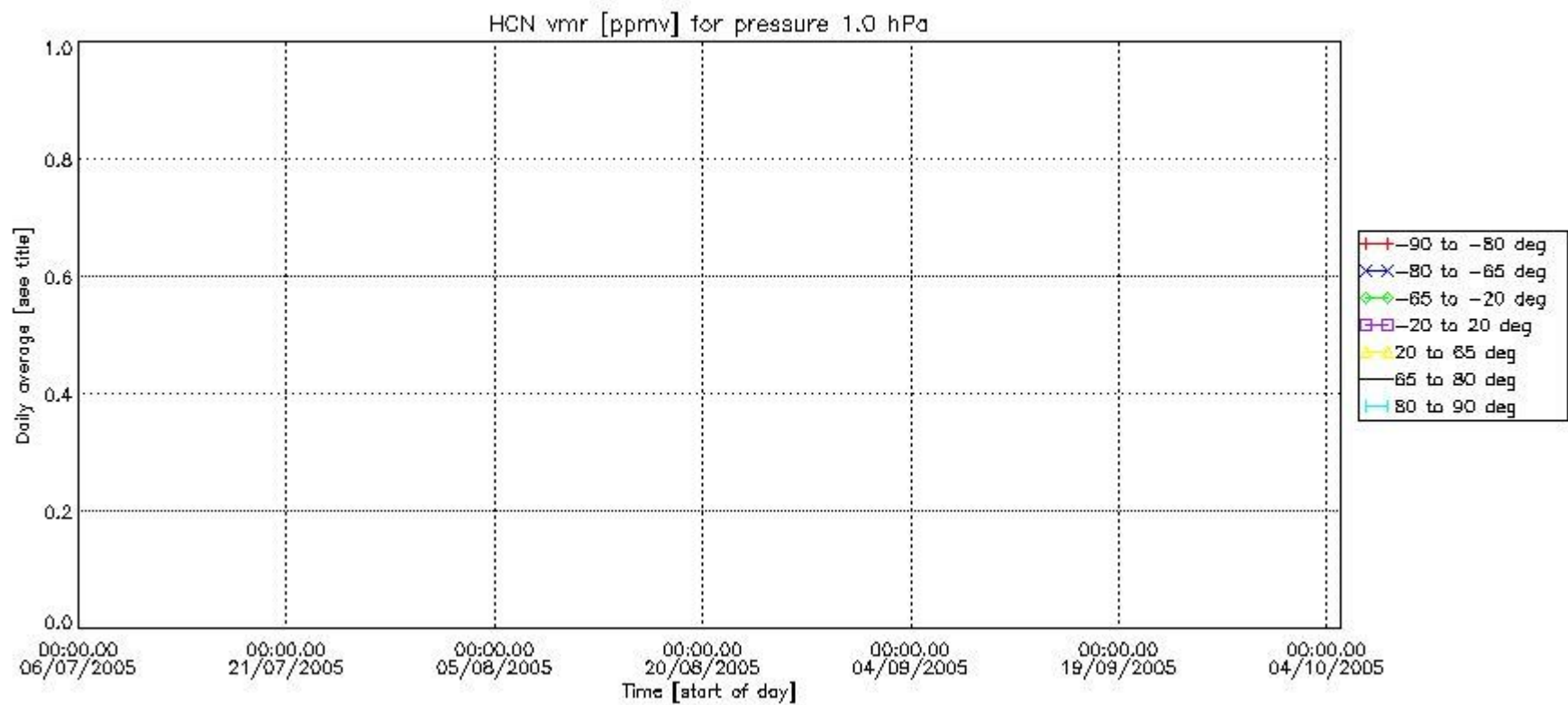


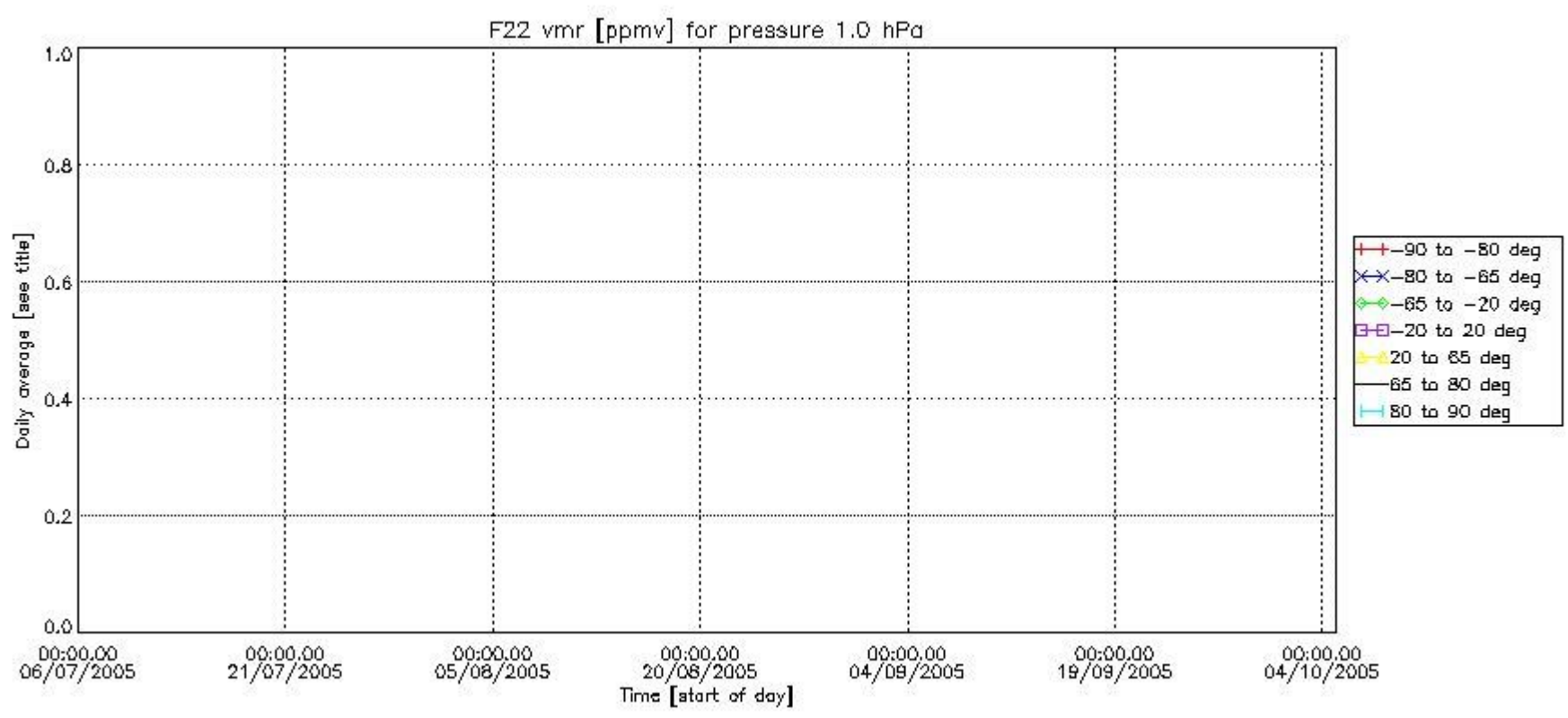












Number of successful retrievals vs. geolocation (*=day side , triangle=night side).

