

2. MIPAS Daily Report for level 2 products summary report

(See [mipas_daily_report_level2_ML2PP_7_03_W_20051123.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 16:54:50
Data source version	ML2PP/7.03-W
Processing scope for products	23NOV2005 00:00:00 to 24NOV2005 00:00:00
Start time of first product within scope	22NOV2005 23:32:56
Stop time of last product within scope	23NOV2005 14:34:09
Total number of level 2 products	5
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__2PWDSI20051122_233256_000055232042_00417_19509_1000.N1	22NOV2005 23:32:56	23NOV2005 01:05:00	0	122/122	VMR_TERM_MACRO_MICRO[HCN/macro:1; HCN/micro:4]
1	MIP_NL__2PWDSI20051123_011006_000059922042_00418_19510_1000.N1	23NOV2005 01:10:06	23NOV2005 02:49:58	0	132/132	VMR_TERM_MACRO_MICRO[HCN/micro:2]
2	MIP_NL__2PWDSI20051123_025004_000005202042_00419_19511_1000.N1	23NOV2005 02:50:04	23NOV2005 02:58:45	0	12/12	
3	MIP_NL__2PWDSI20051123_111708_000046162042_00424_19516_1000.N1	23NOV2005 11:17:08	23NOV2005 12:34:04	0	102/102	
4	MIP_NL__2PWDSI20051123_125418_000059912042_00425_19517_1000.N1	23NOV2005 12:54:18	23NOV2005 14:34:09	0	132/132	VMR_TERM_MACRO_MICRO[HCN/macro:1; F14/macro:1; CCL4/micro:1; HCN/micro:2]

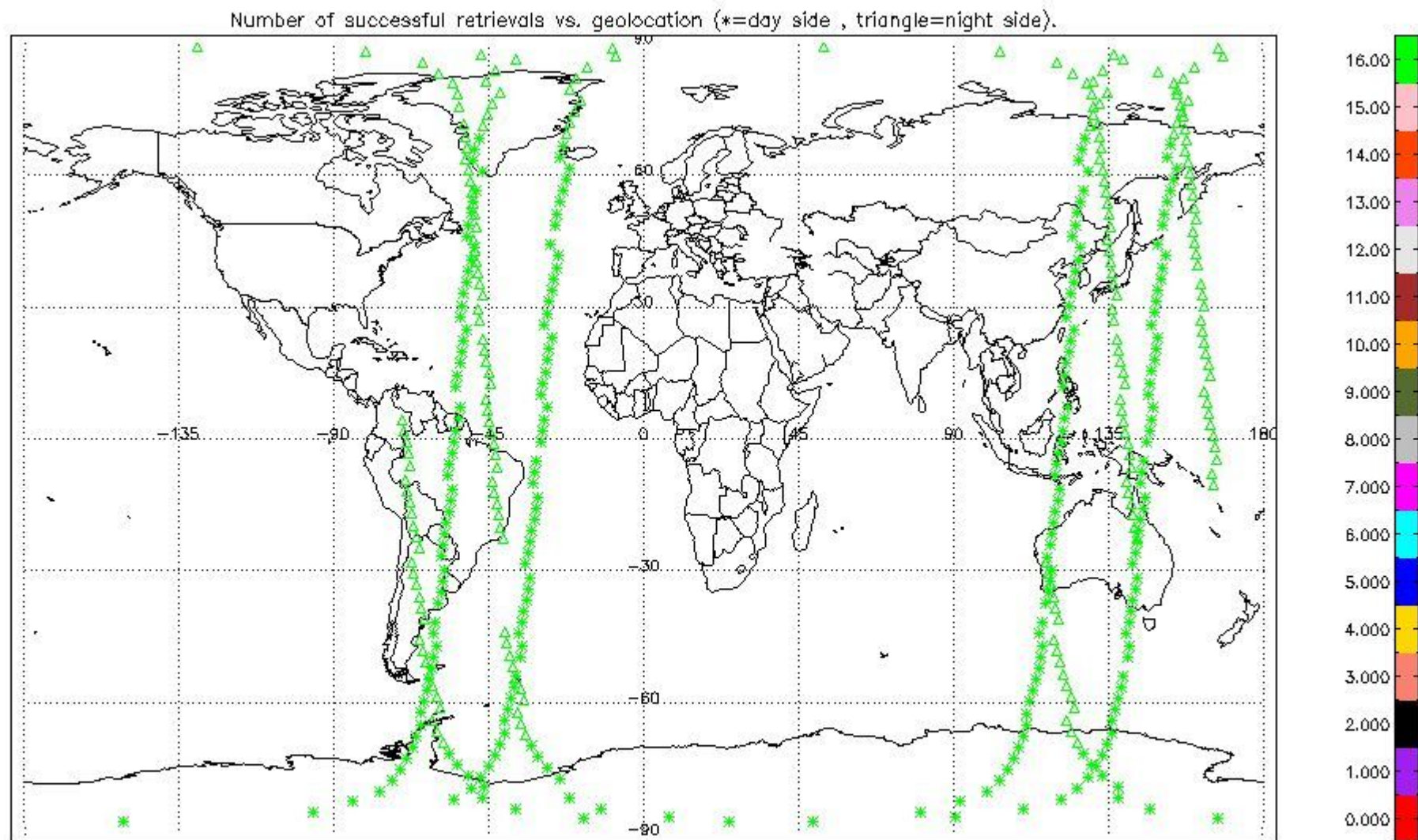
2.2 Processing performance indicators

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.

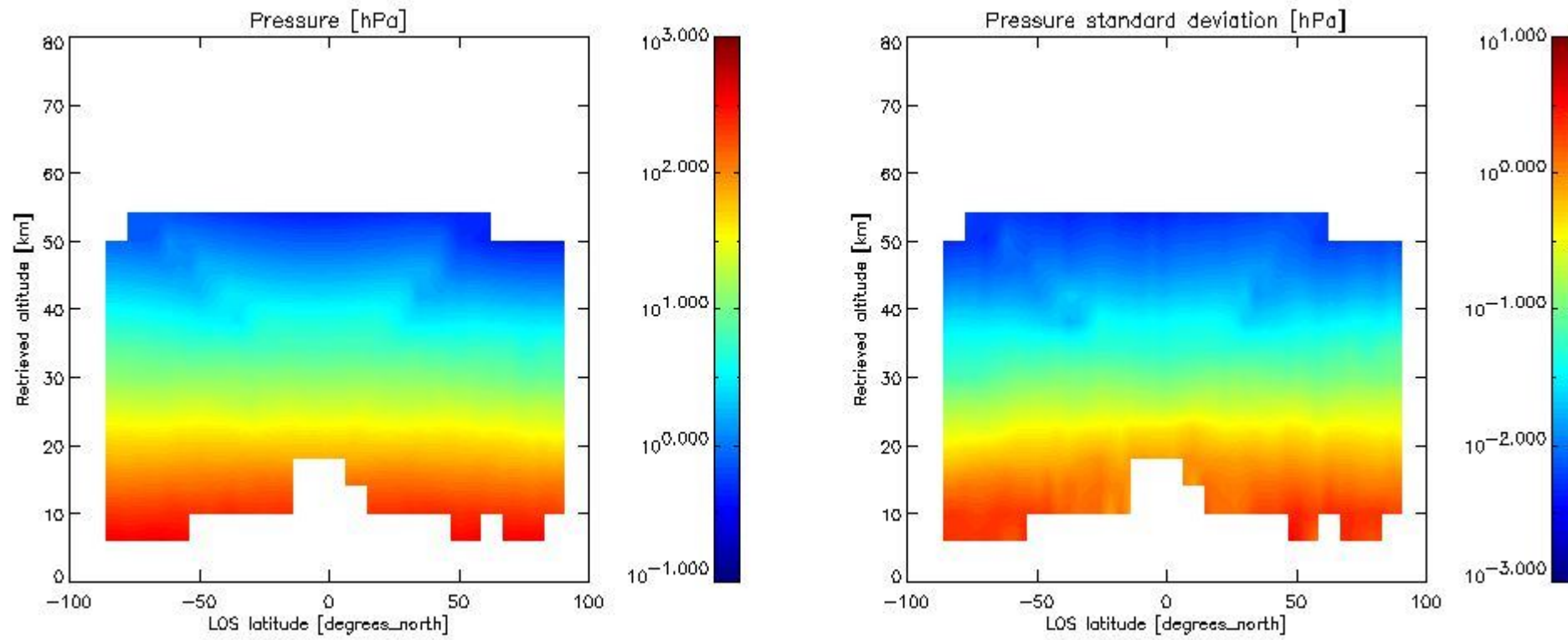
RETRIEVAL MDS	# scans processed	# Successful retrievals	%
PT	500	464	92.800
H2O	500	464	92.800
O3	500	464	92.800
HNO3	500	464	92.800
CH4	500	464	92.800

N2O	500	464	92.800
NO2	500	464	92.800
F11	500	464	92.800
CLNO	500	464	92.800
N2O5	500	464	92.800
F12	500	464	92.800
COF2	500	464	92.800
CCL4	500	464	92.800
HCN	500	464	92.800
F14	500	464	92.800
F22	500	464	92.800



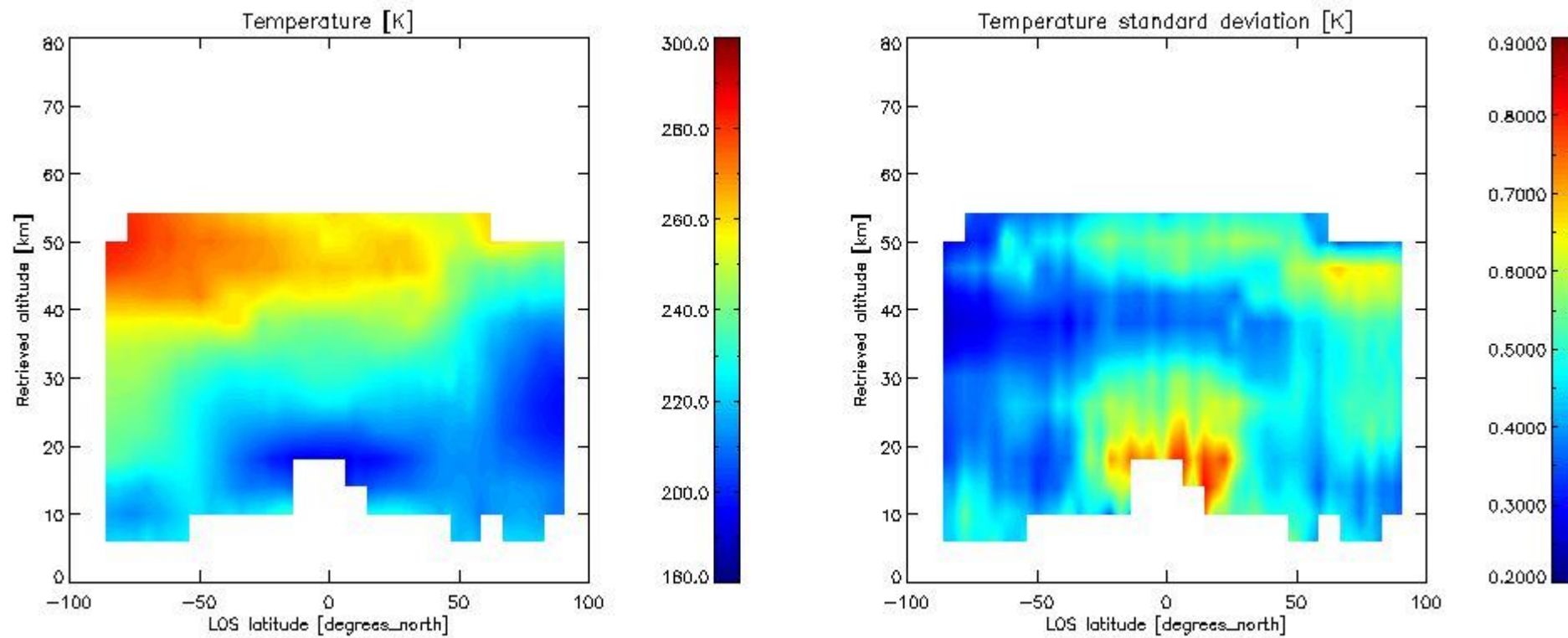
2.2.2 Pressure overview

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



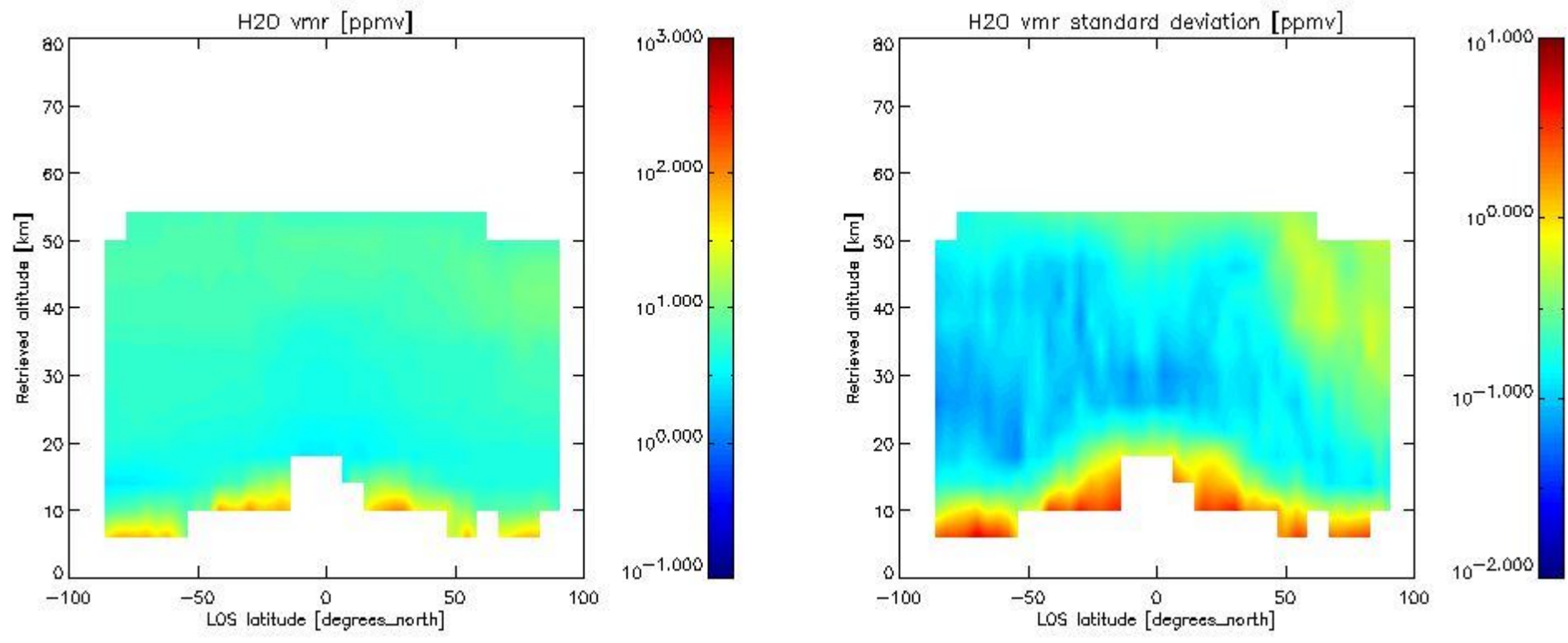
2.2.3 Temperature overview

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

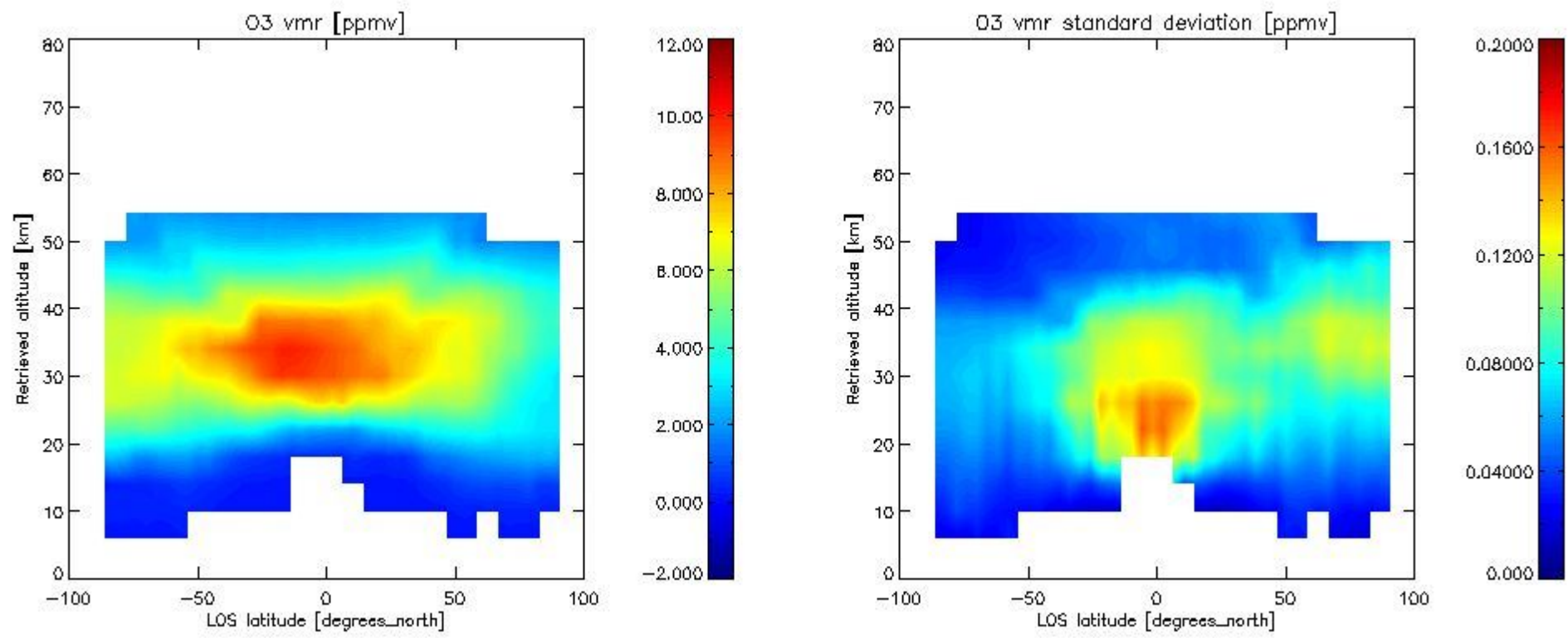


2.2.4 Species overview

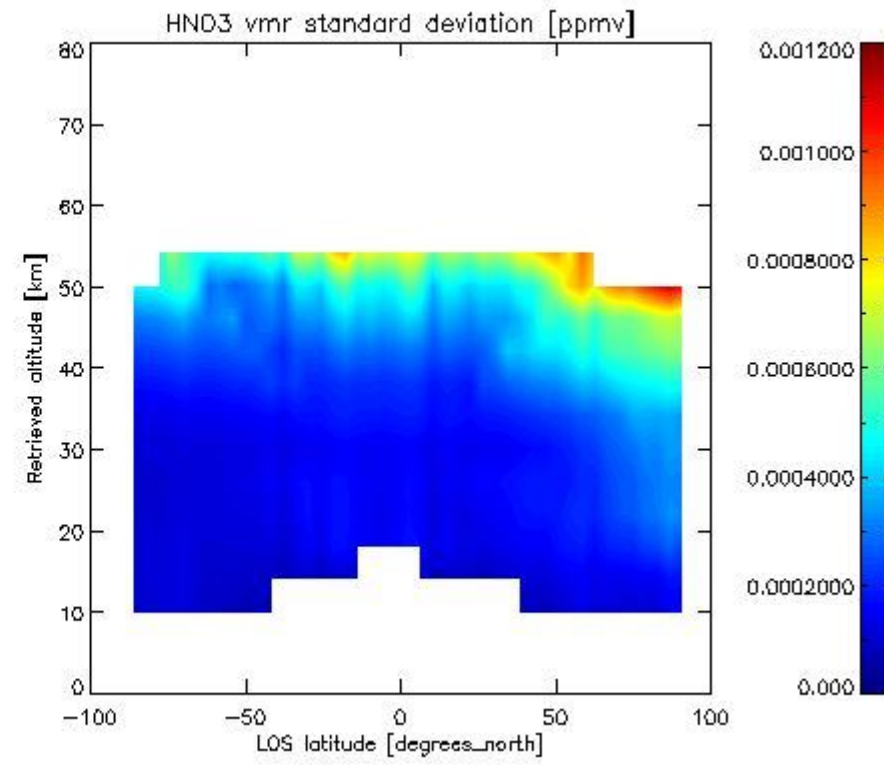
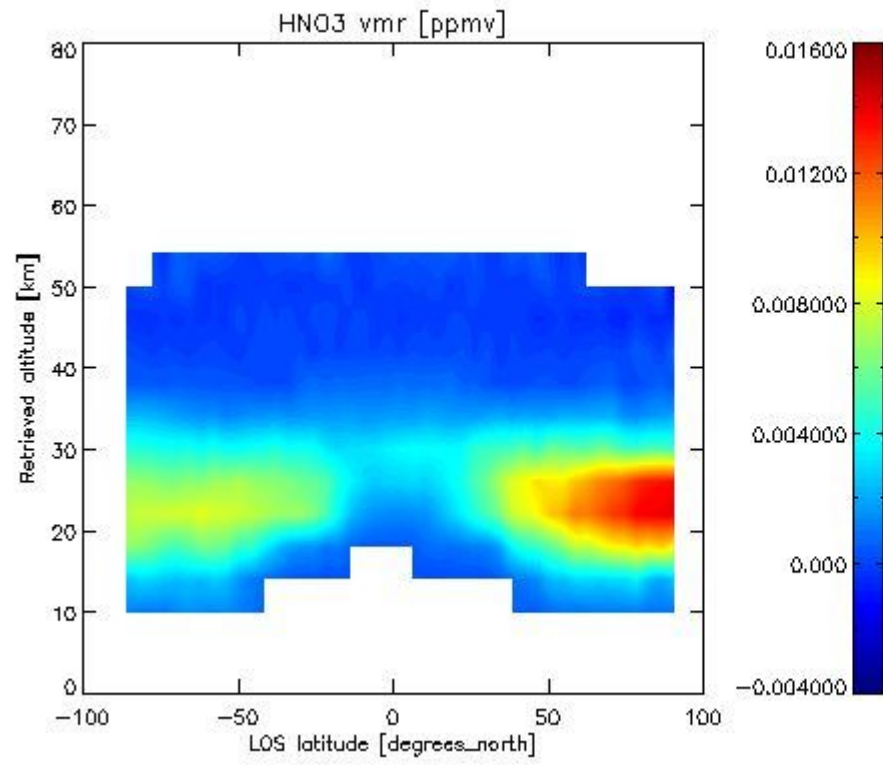
2.2.4.1 H₂O overview This section shows values (left) and error (right) for H₂O after binning individual sweep values over retrieved altitude and tangent latitude.



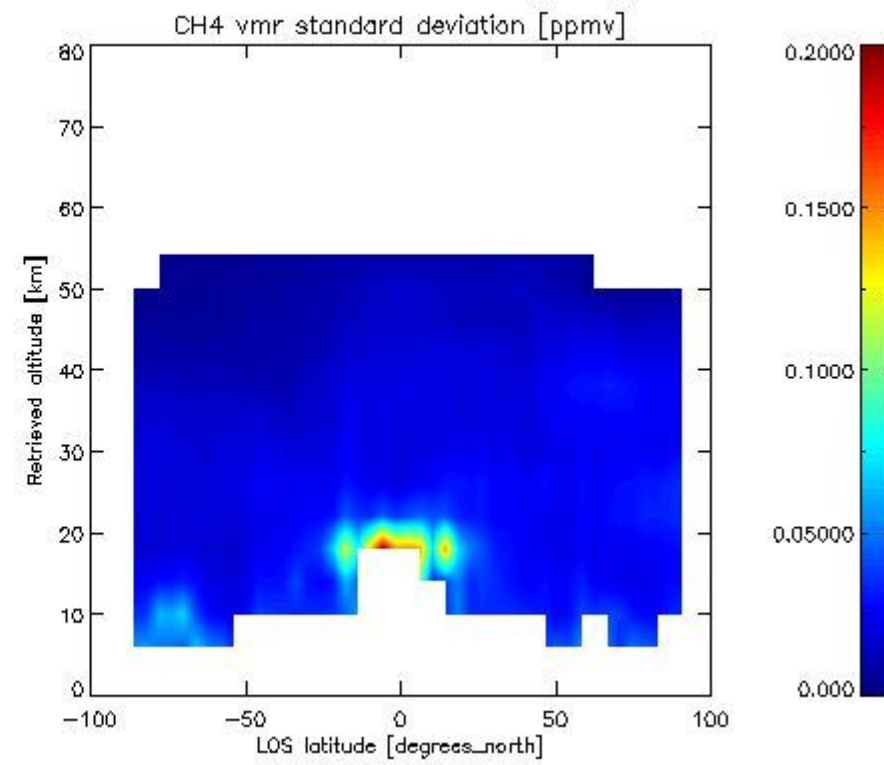
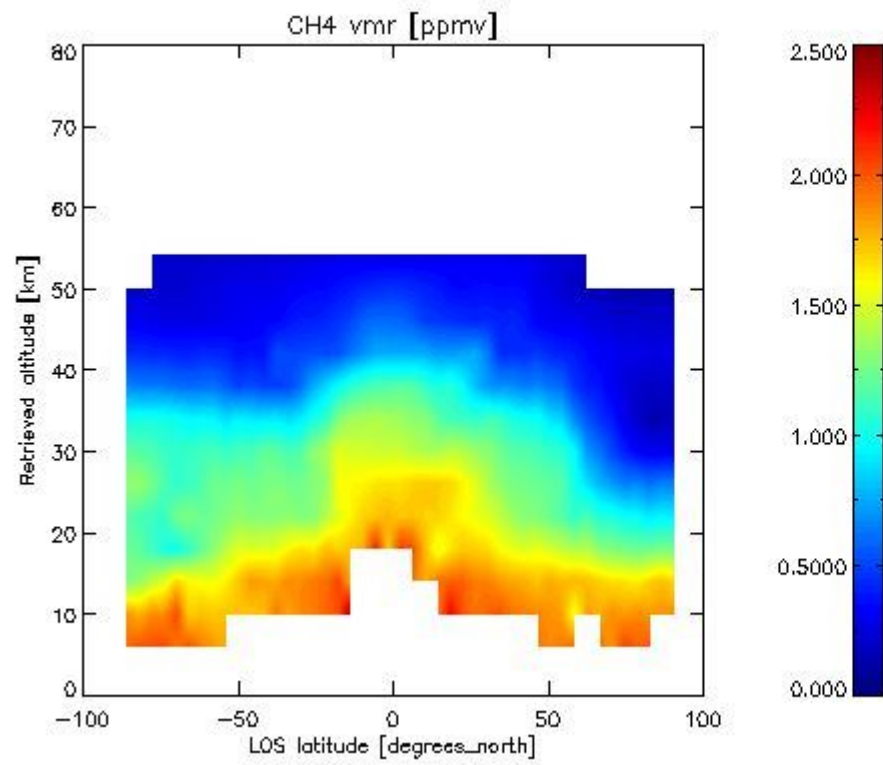
2.2.4.2 O3 overview This section shows values (left) and error (right) for O3 after binning individual sweep values over retrieved altitude and tangent latitude.



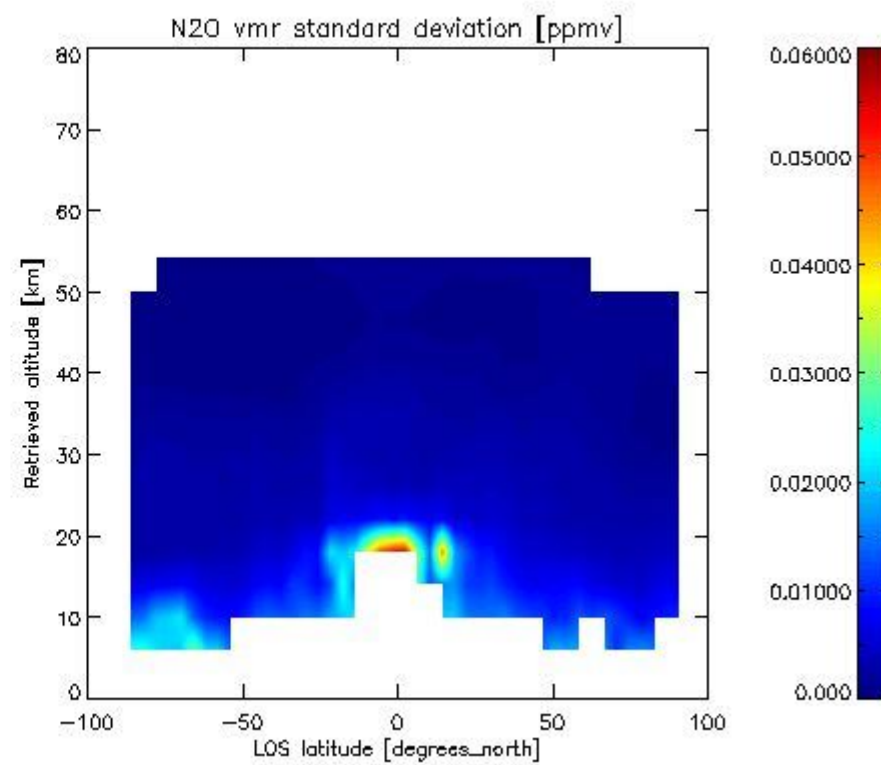
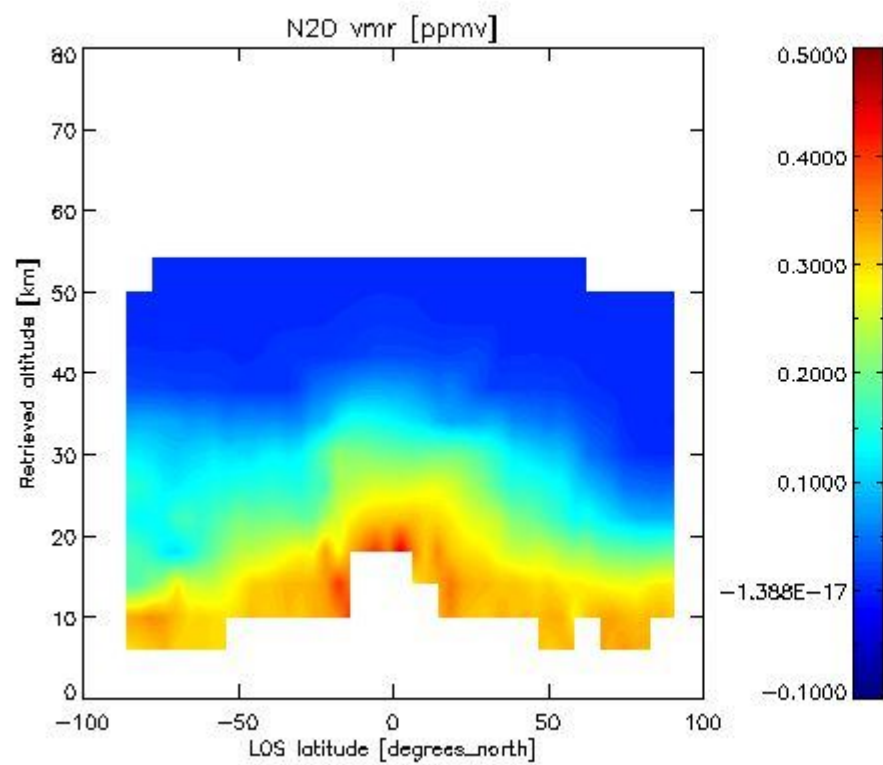
2.2.4.3 HNO3 overview This section shows values (left) and error (right) for HNO3 after binning individual sweep values over retrieved altitude and tangent latitude.



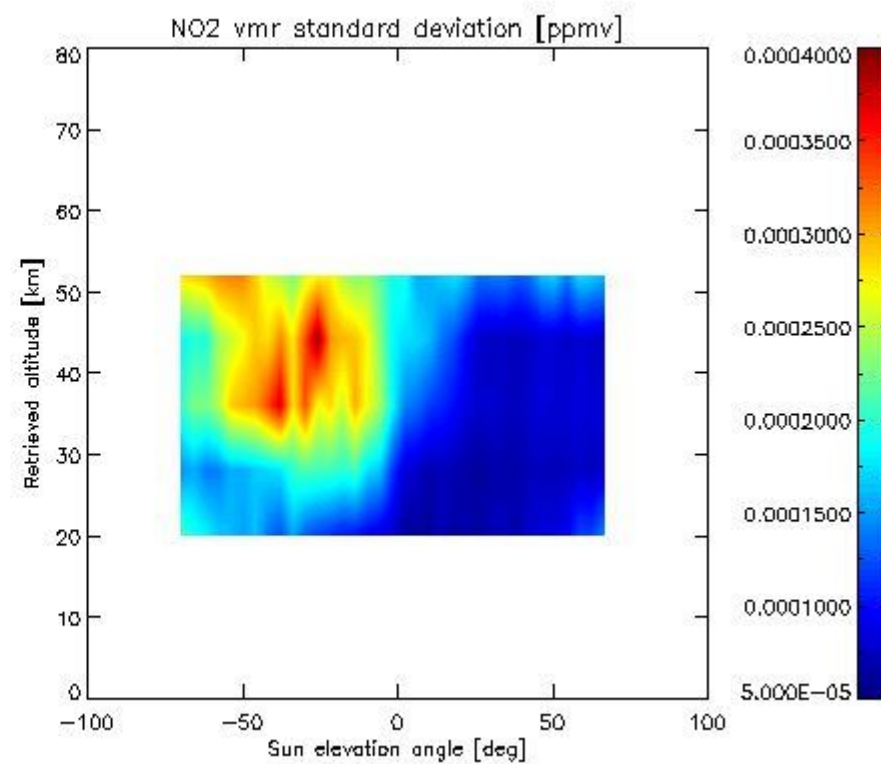
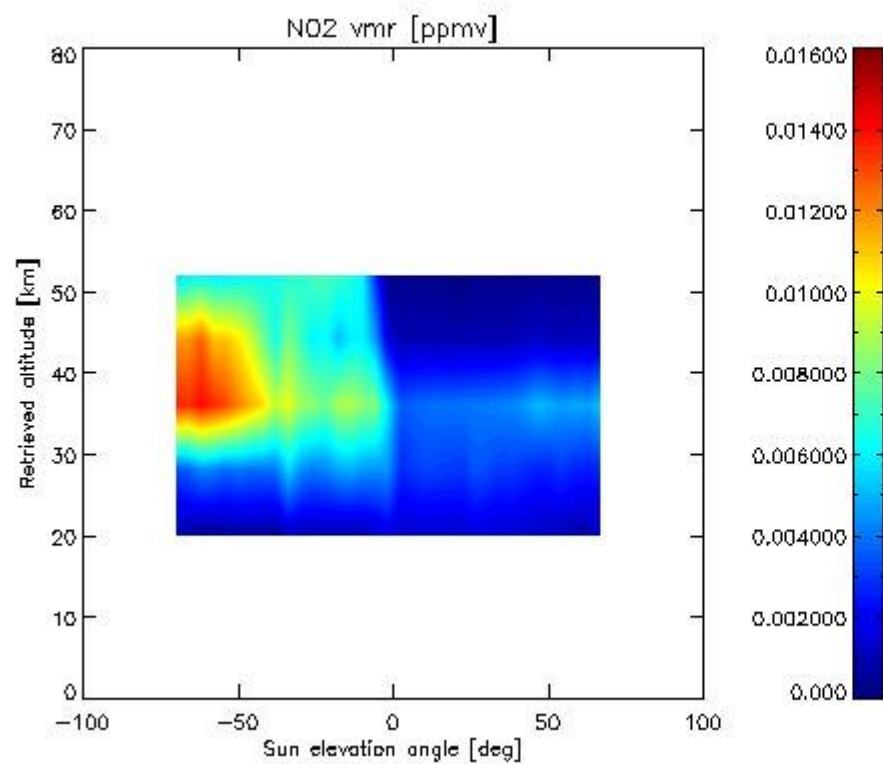
2.2.4.4 CH₄ overview This section shows values (left) and error (right) for CH₄ after binning individual sweep values over retrieved altitude and tangent latitude.



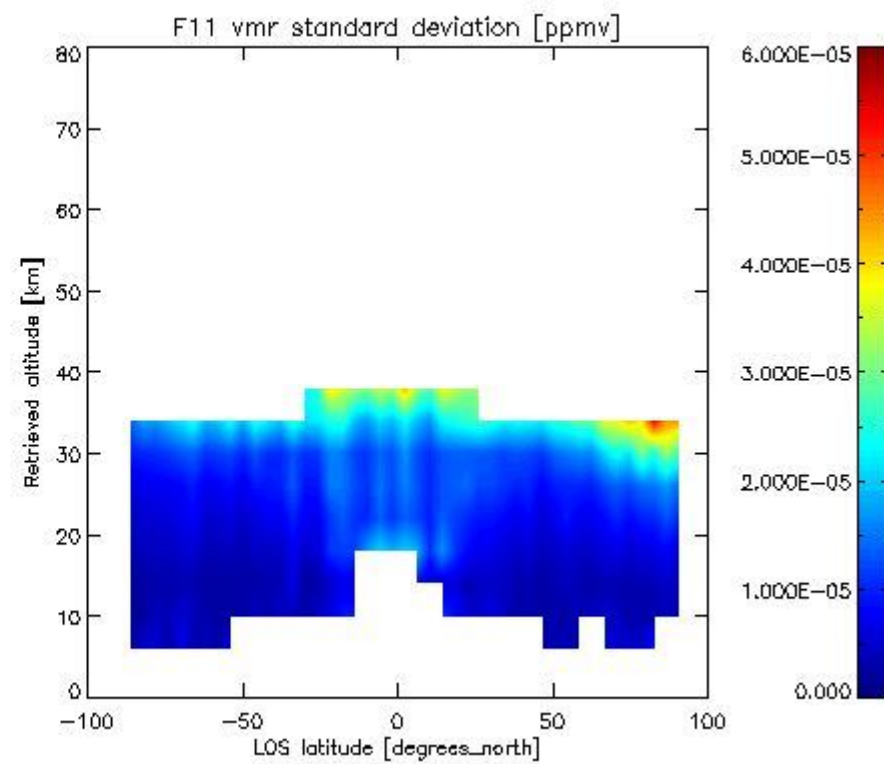
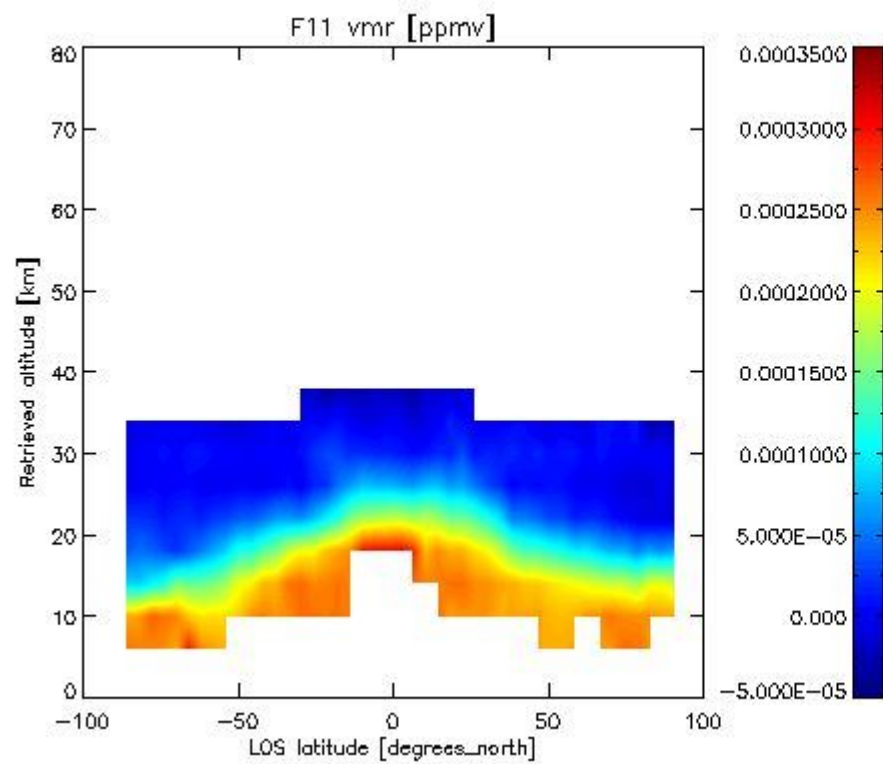
2.2.4.5 N₂O overview This section shows values (left) and error (right) for N₂O after binning individual sweep values over retrieved altitude and tangent latitude.



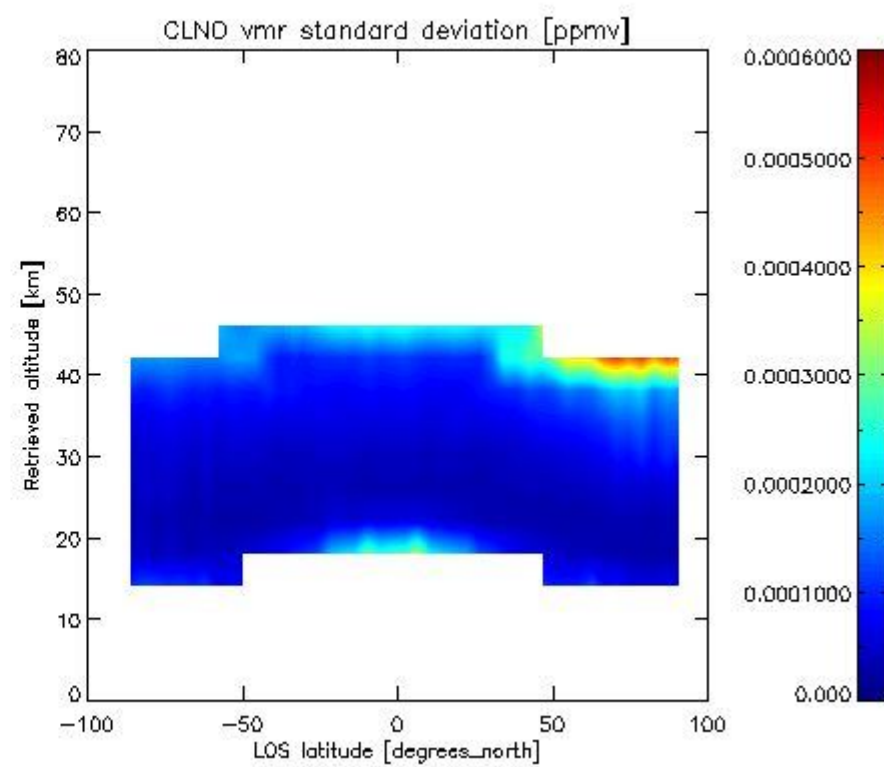
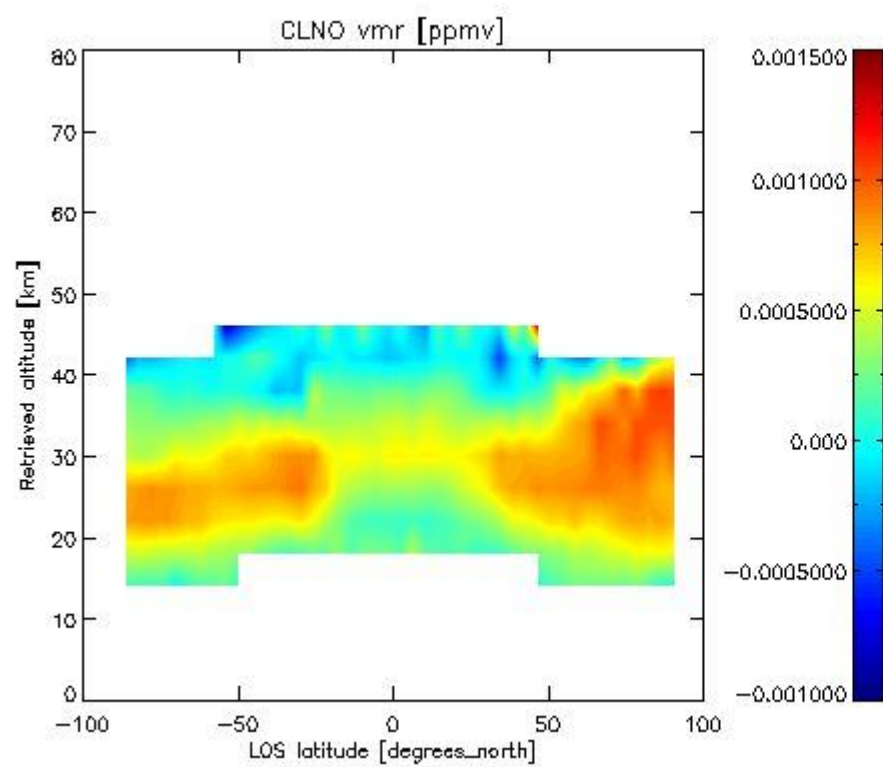
2.2.4.6 NO₂ overview This section shows values (left) and error (right) for NO₂ after binning individual sweep values over retrieved altitude and Sun Elevation Angle. Note that for NO₂ the bin heights are 6 km.

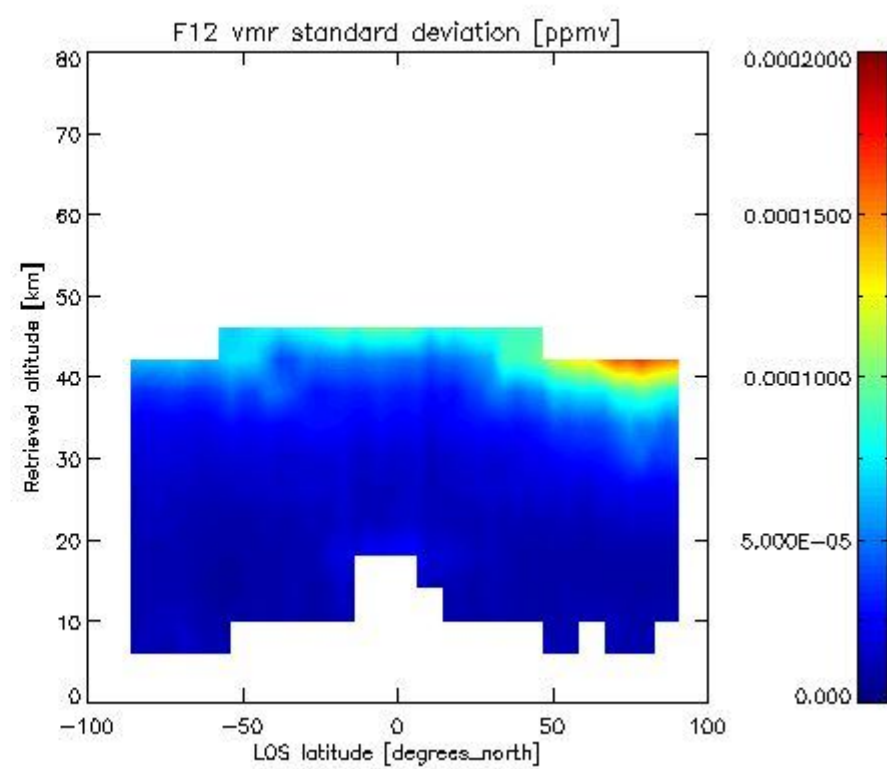
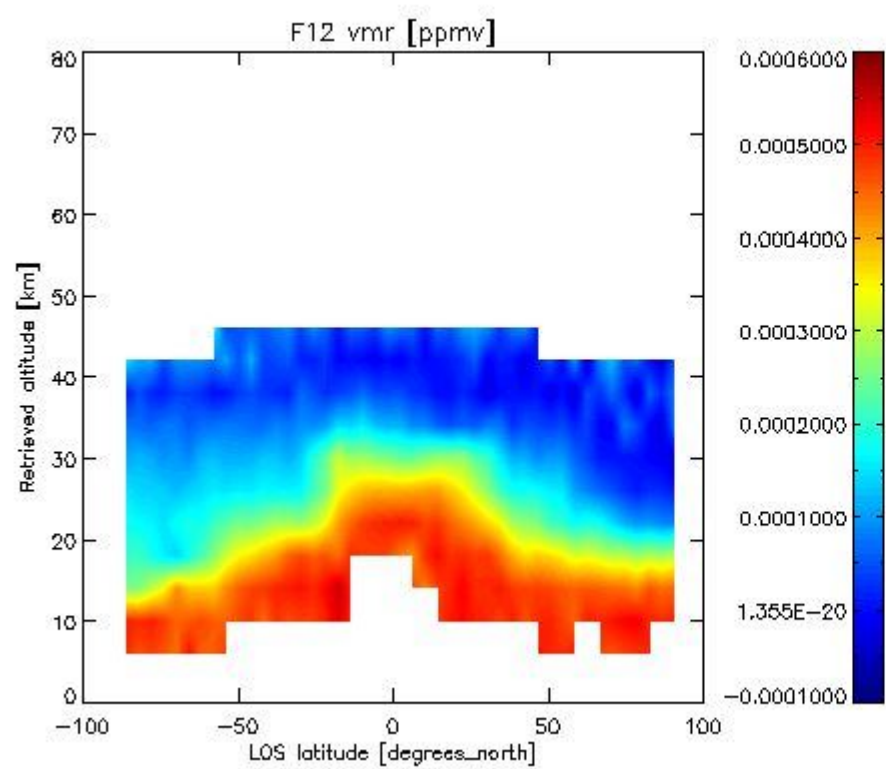
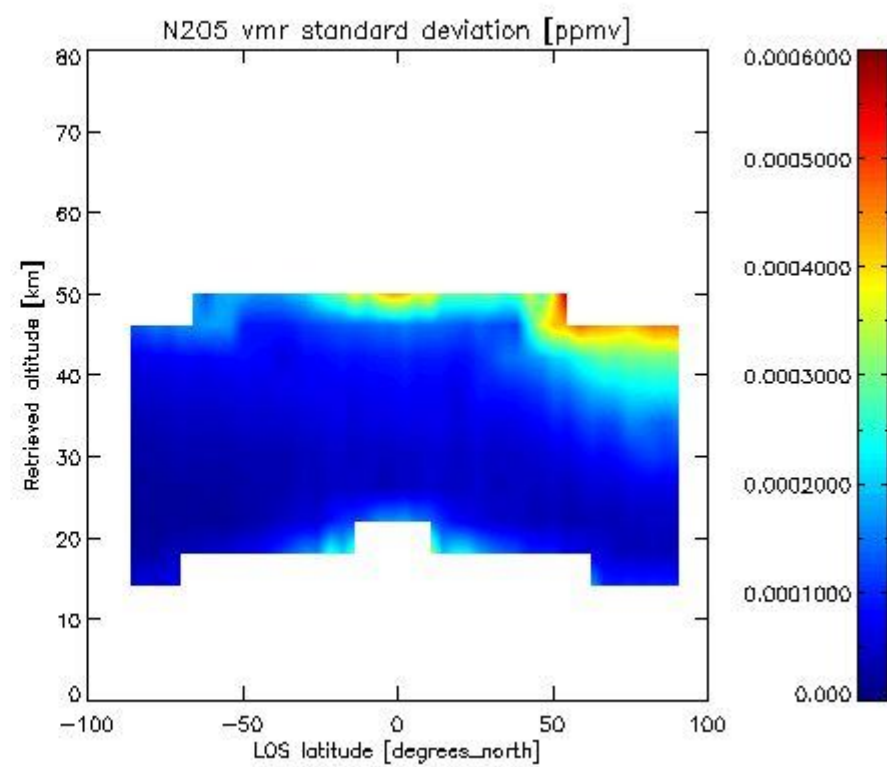
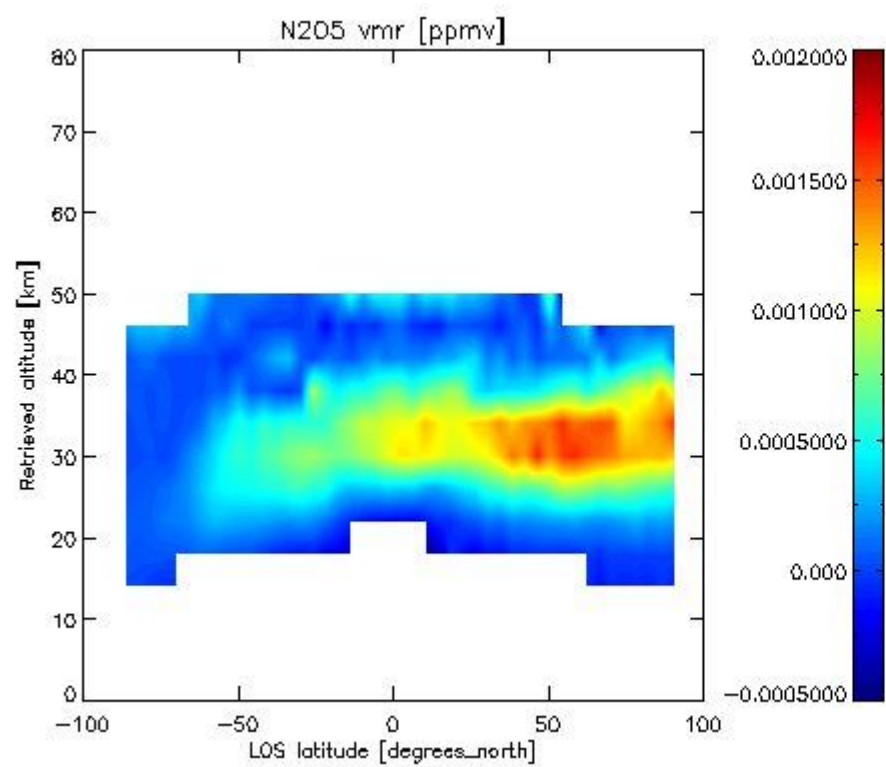


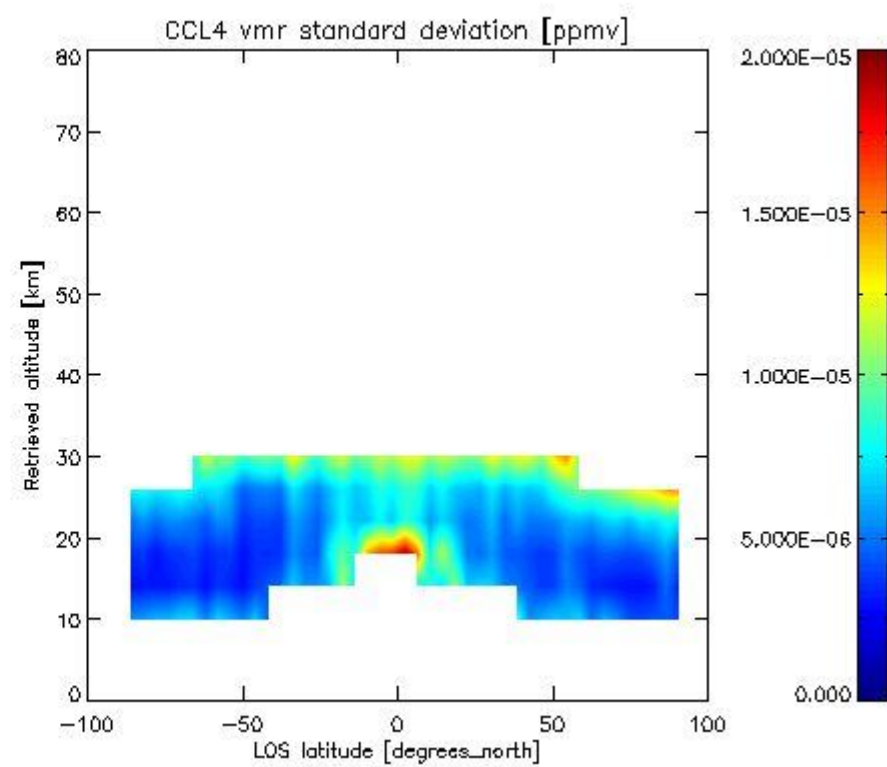
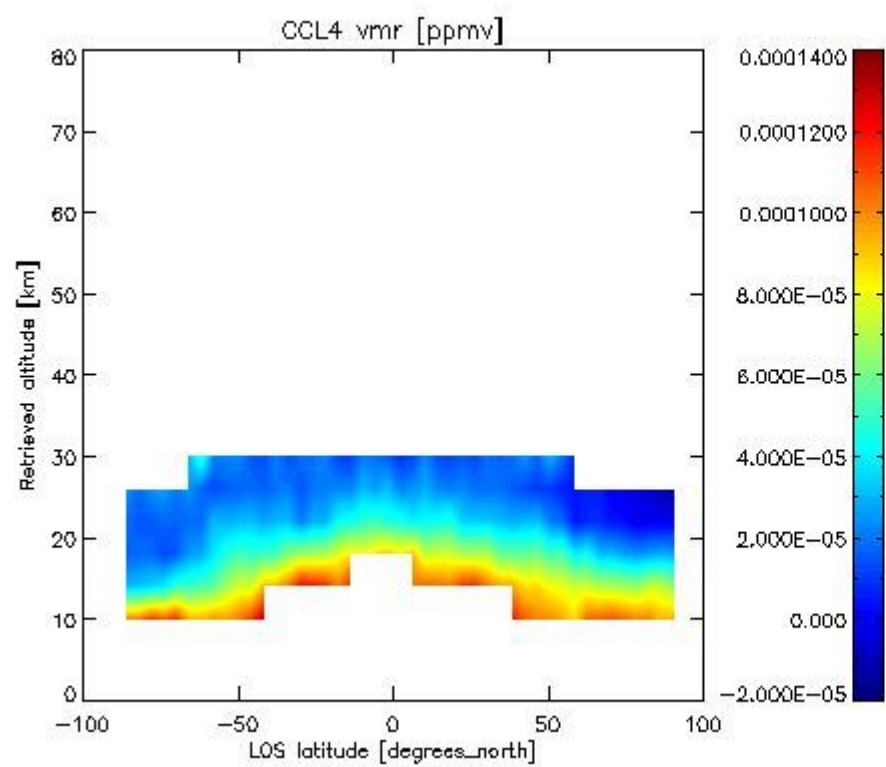
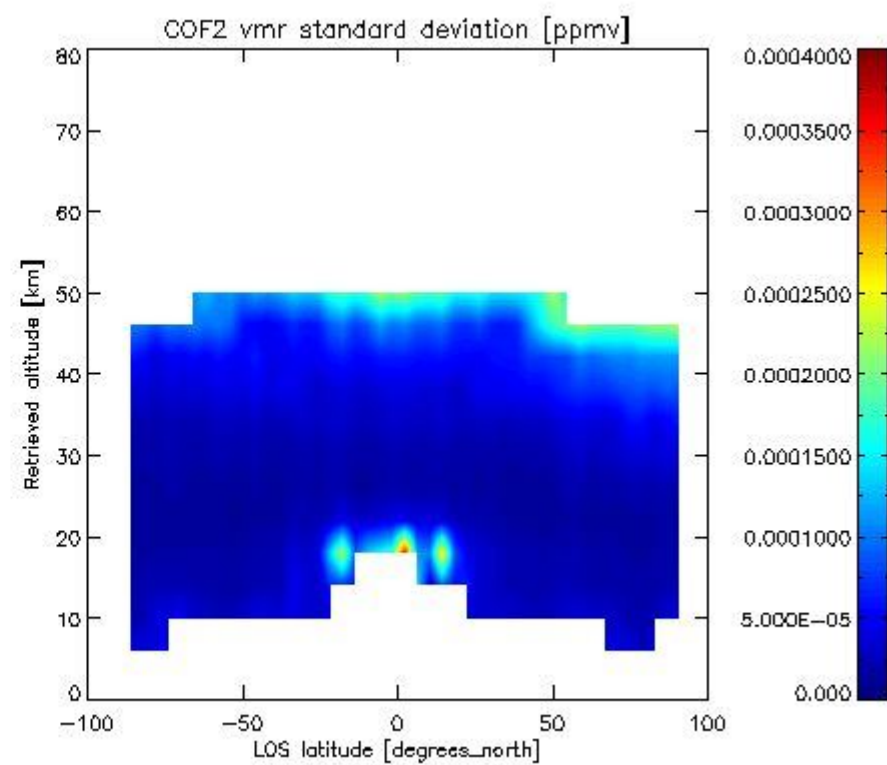
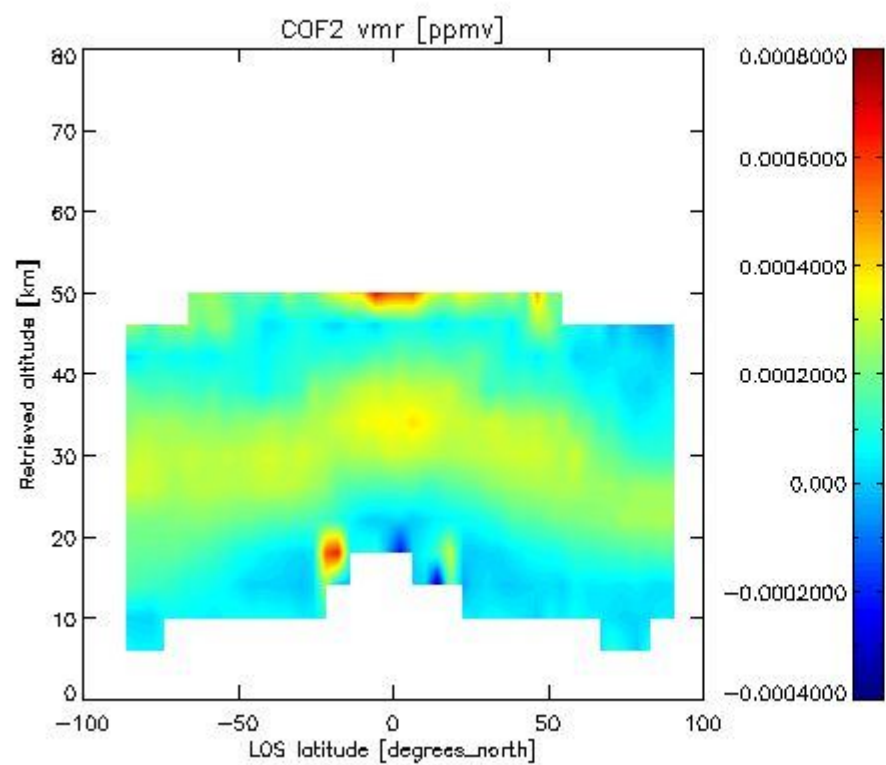
2.2.4.7 F11 overview This section shows values (left) and error (right) for F11 after binning individual sweep values over retrieved altitude and tangent latitude.

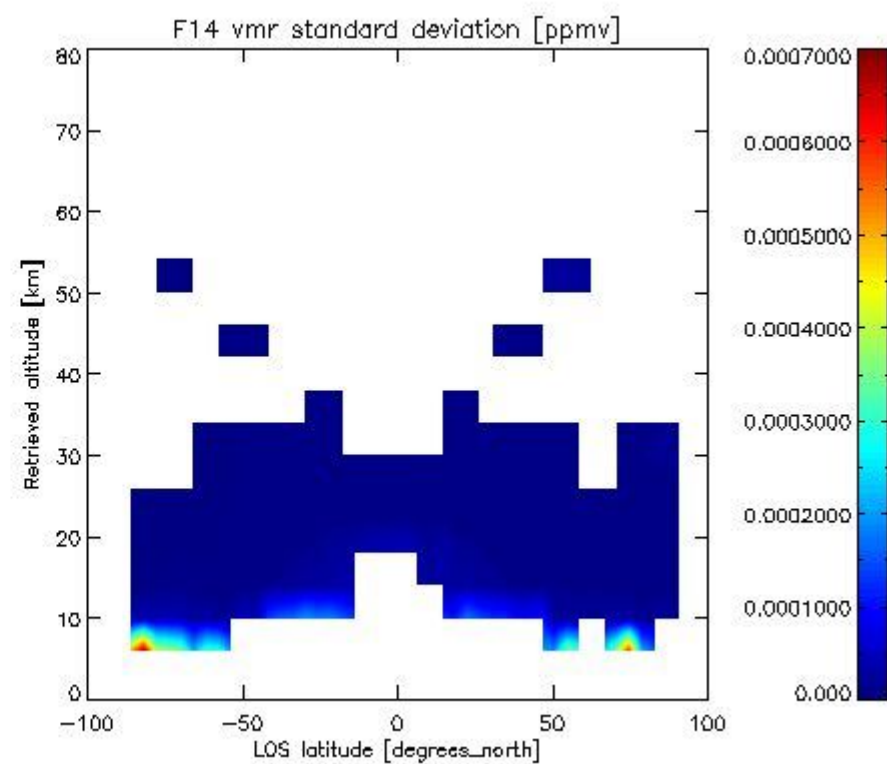
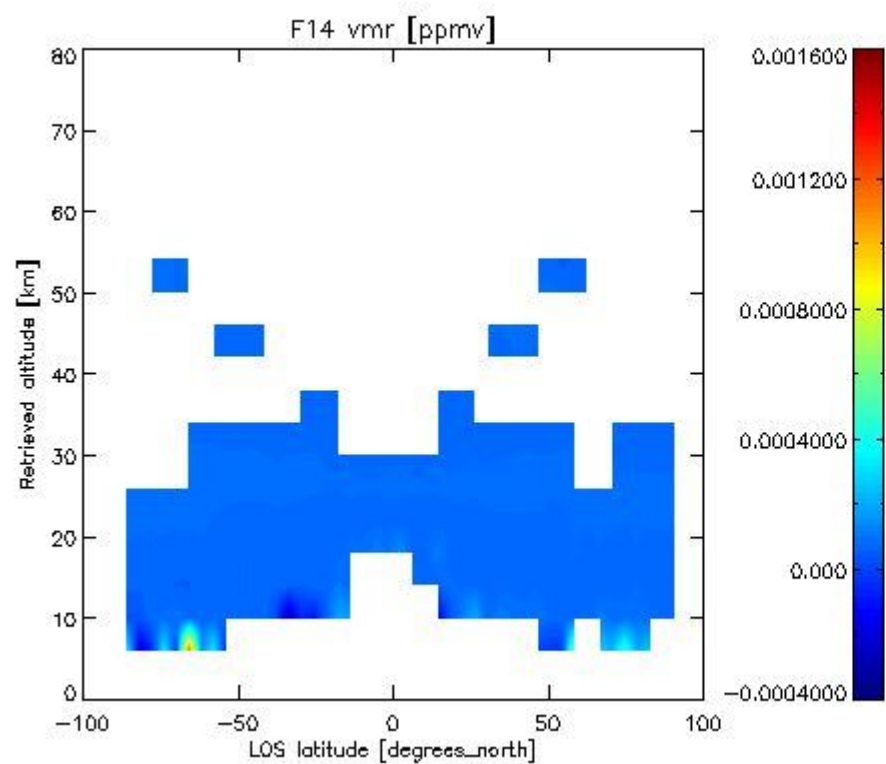
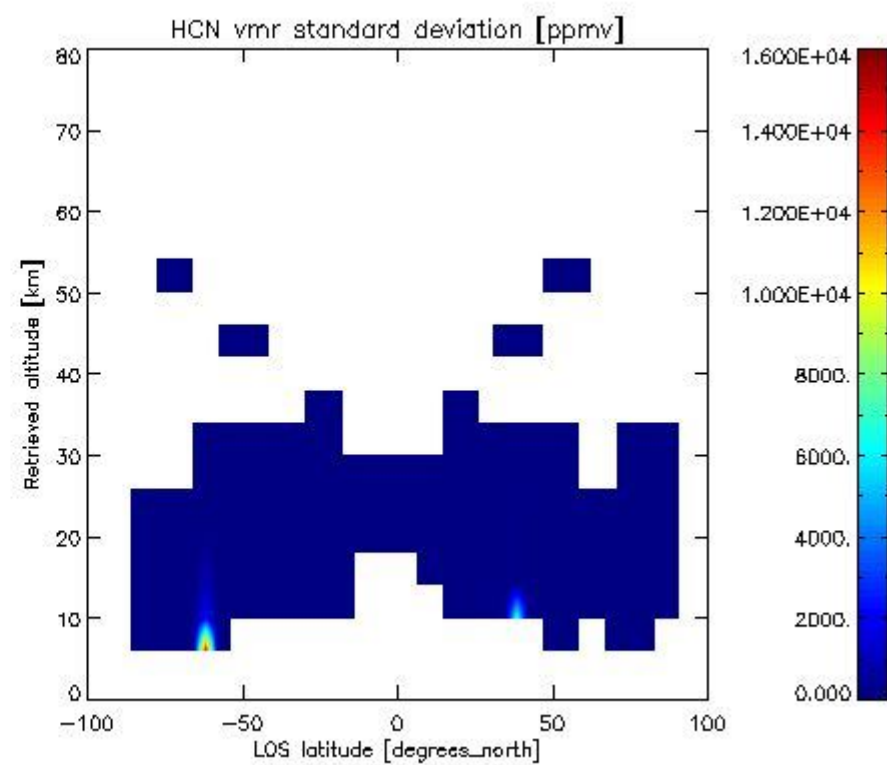
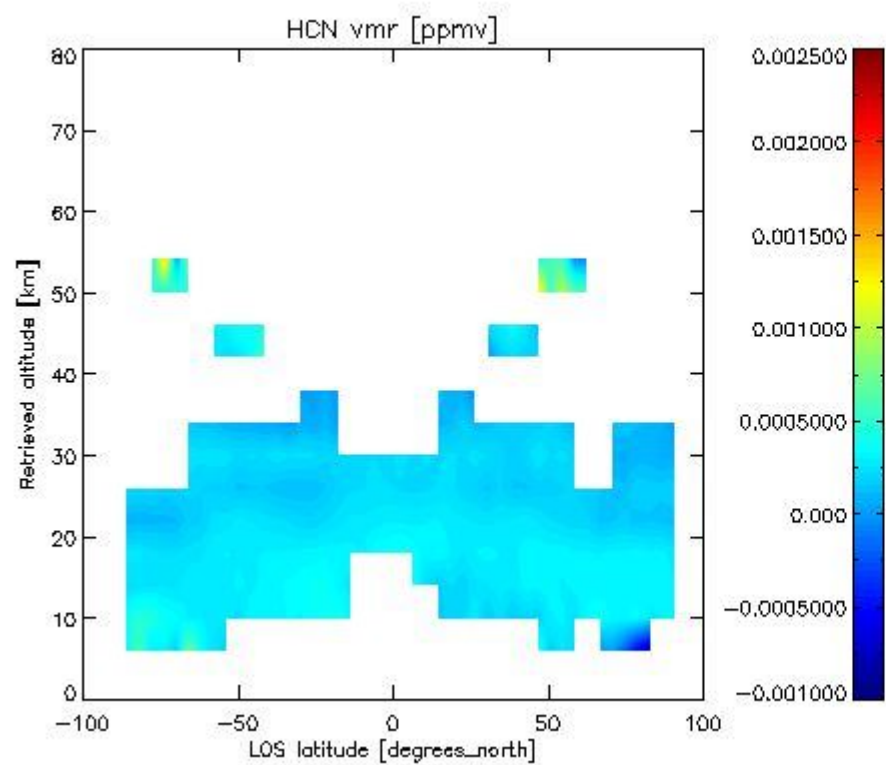


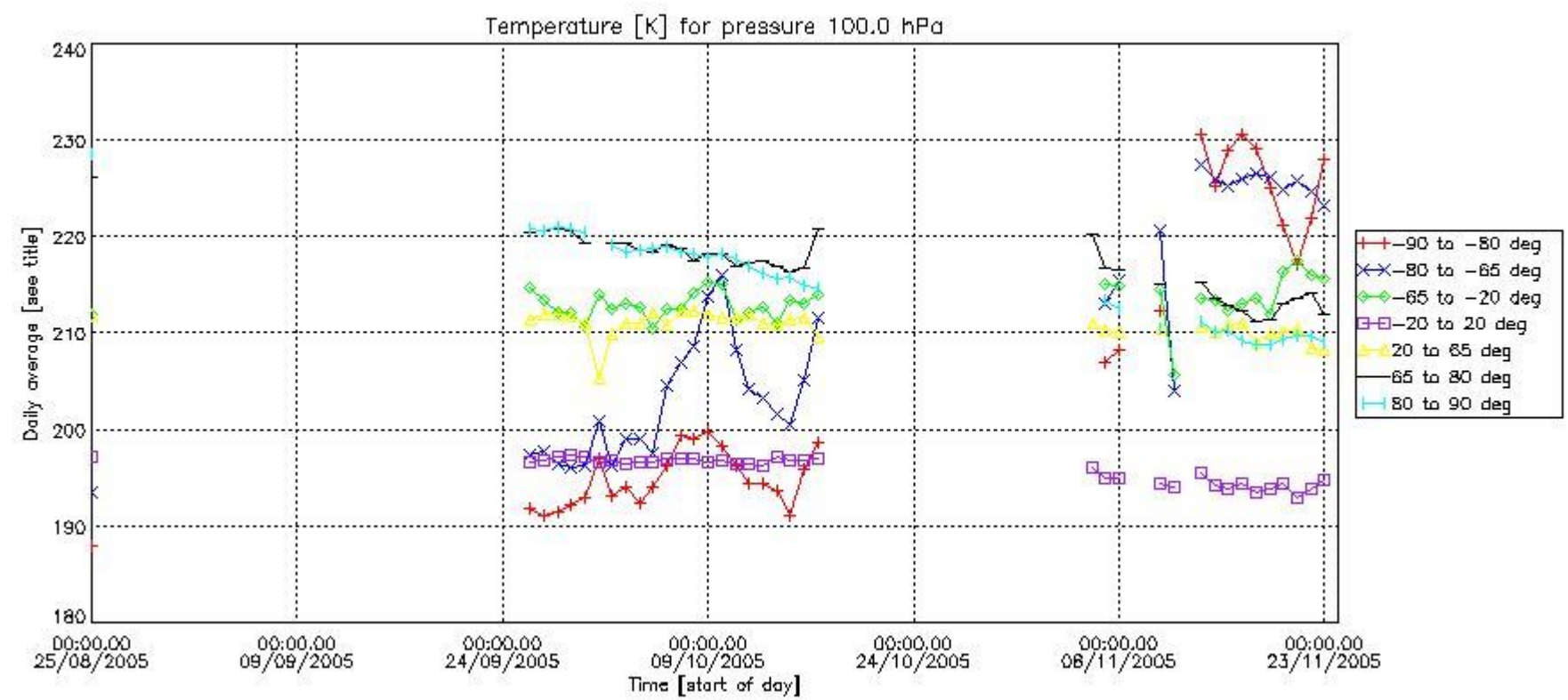
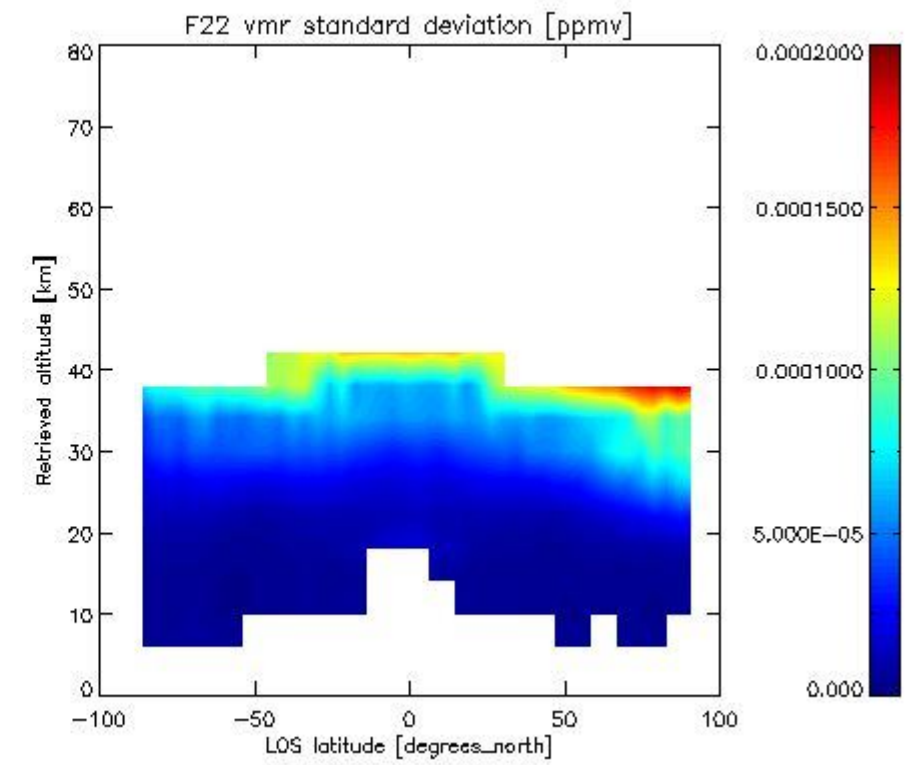
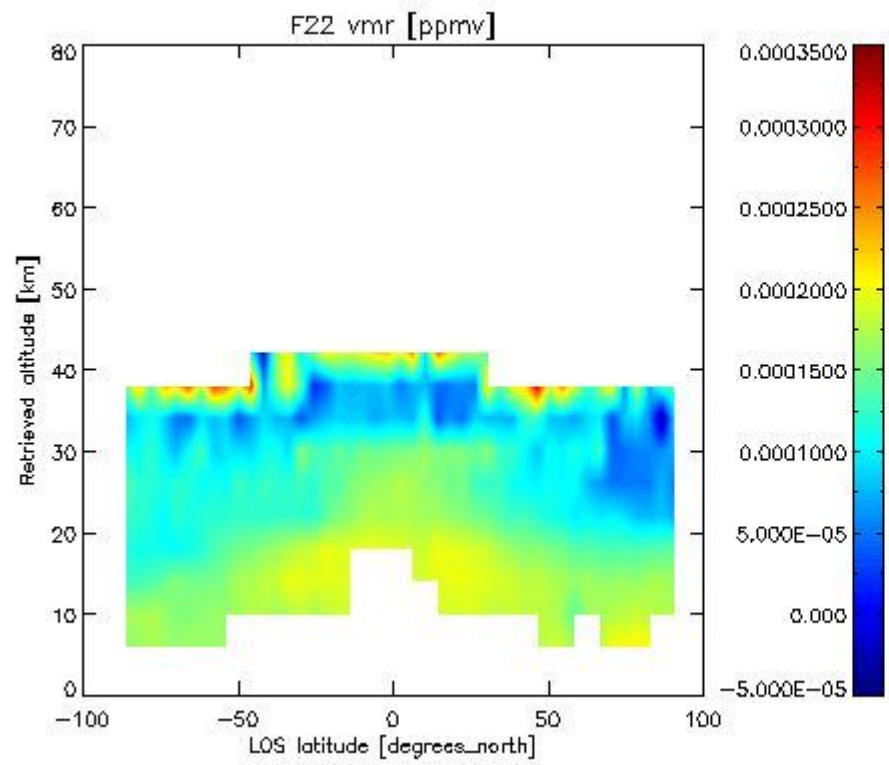
2.3.4.4 CLNO vmr: This section shows values (left) and error (right) for CLNO after binning individual vmr values over retrieved altitude and target latitude.

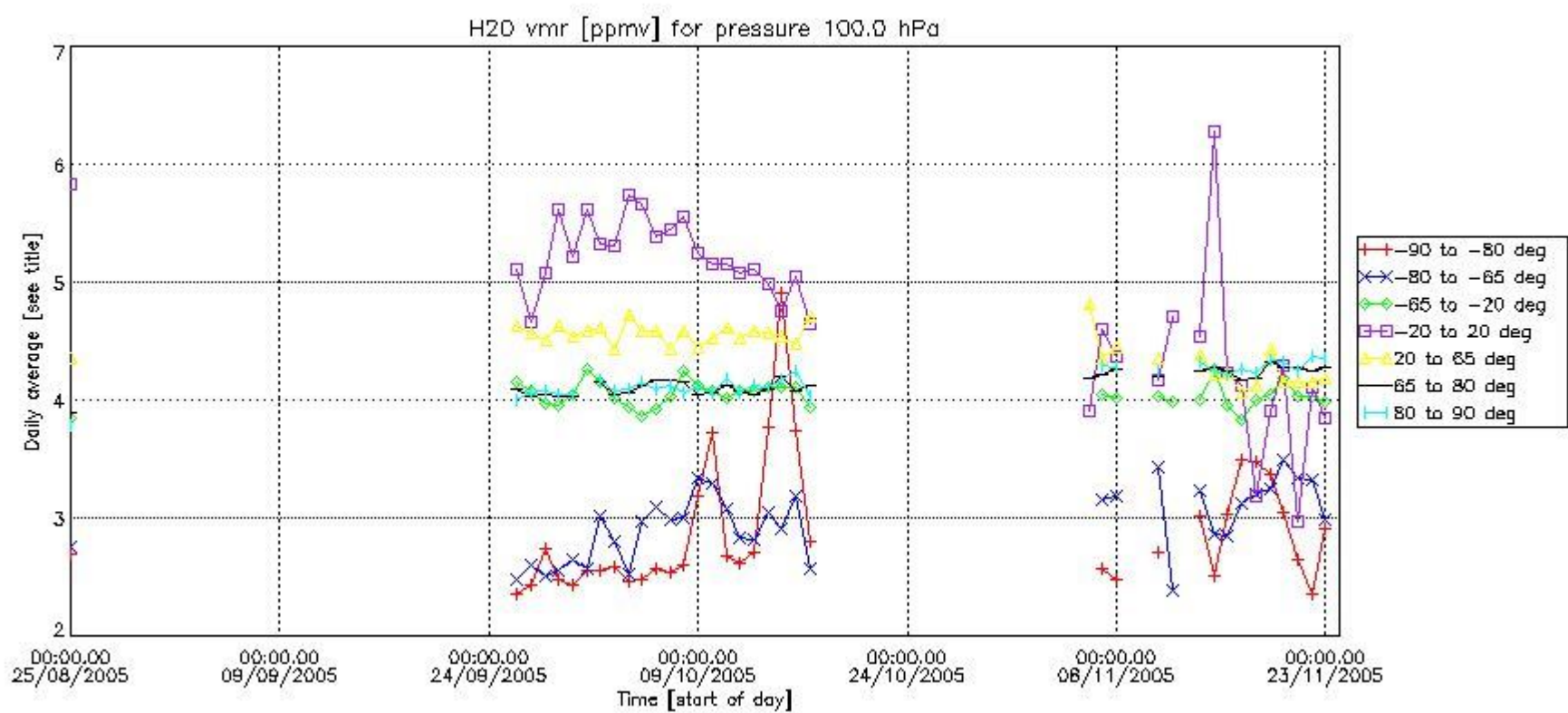
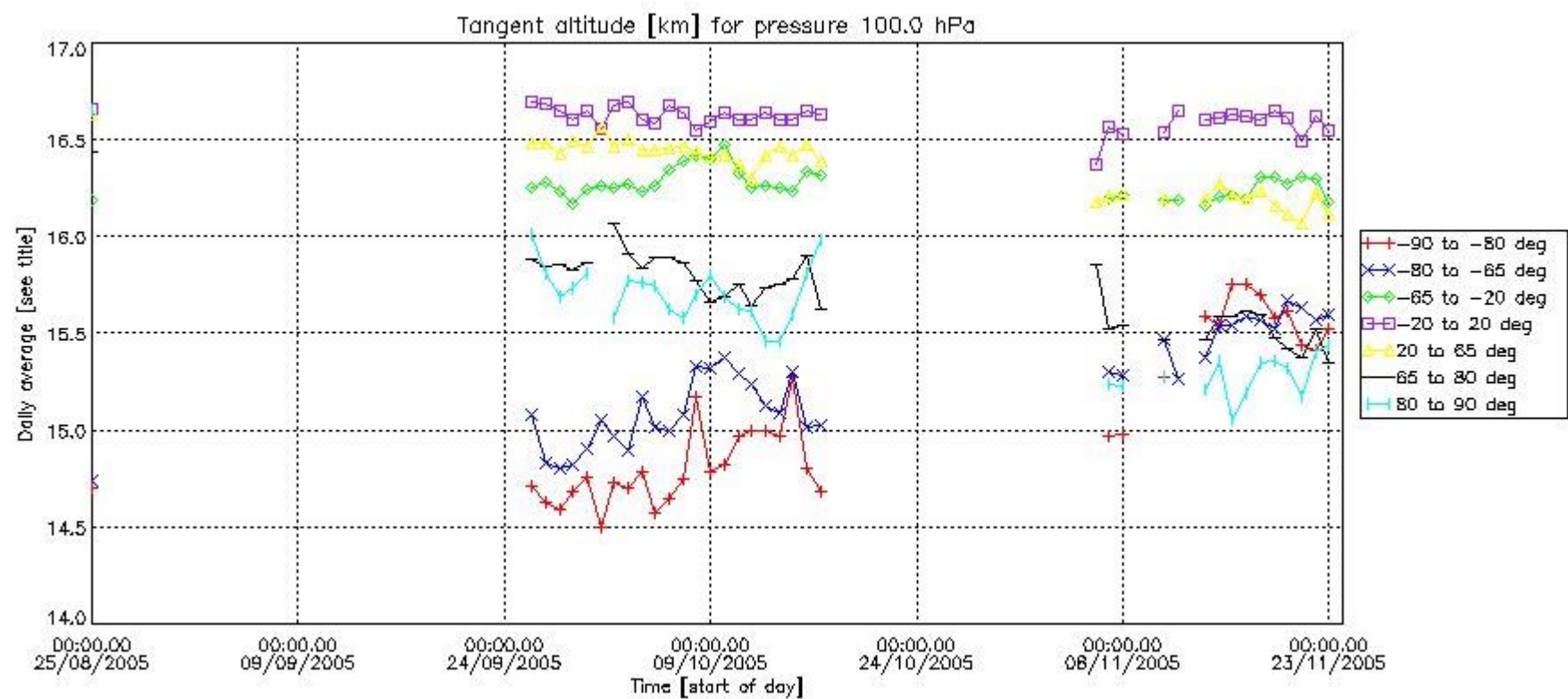


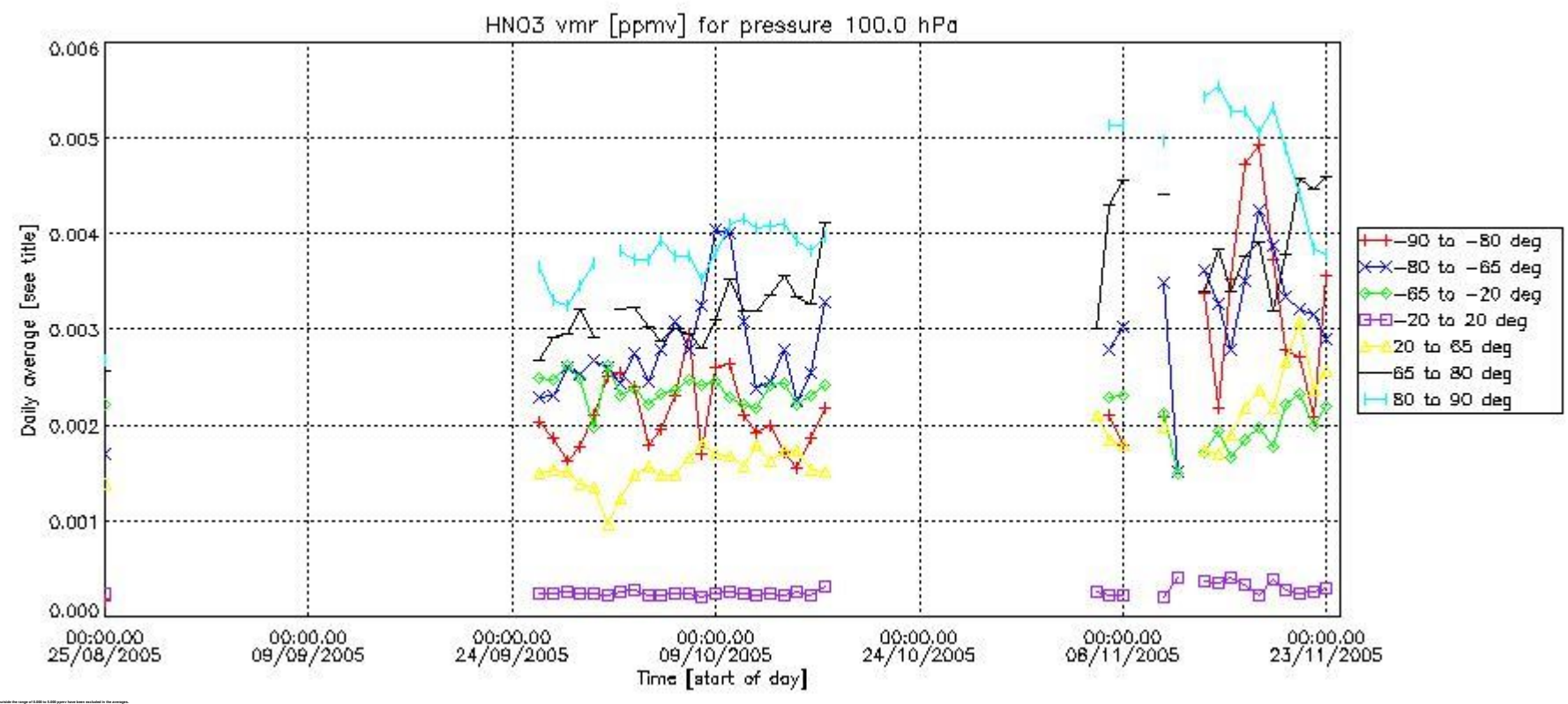
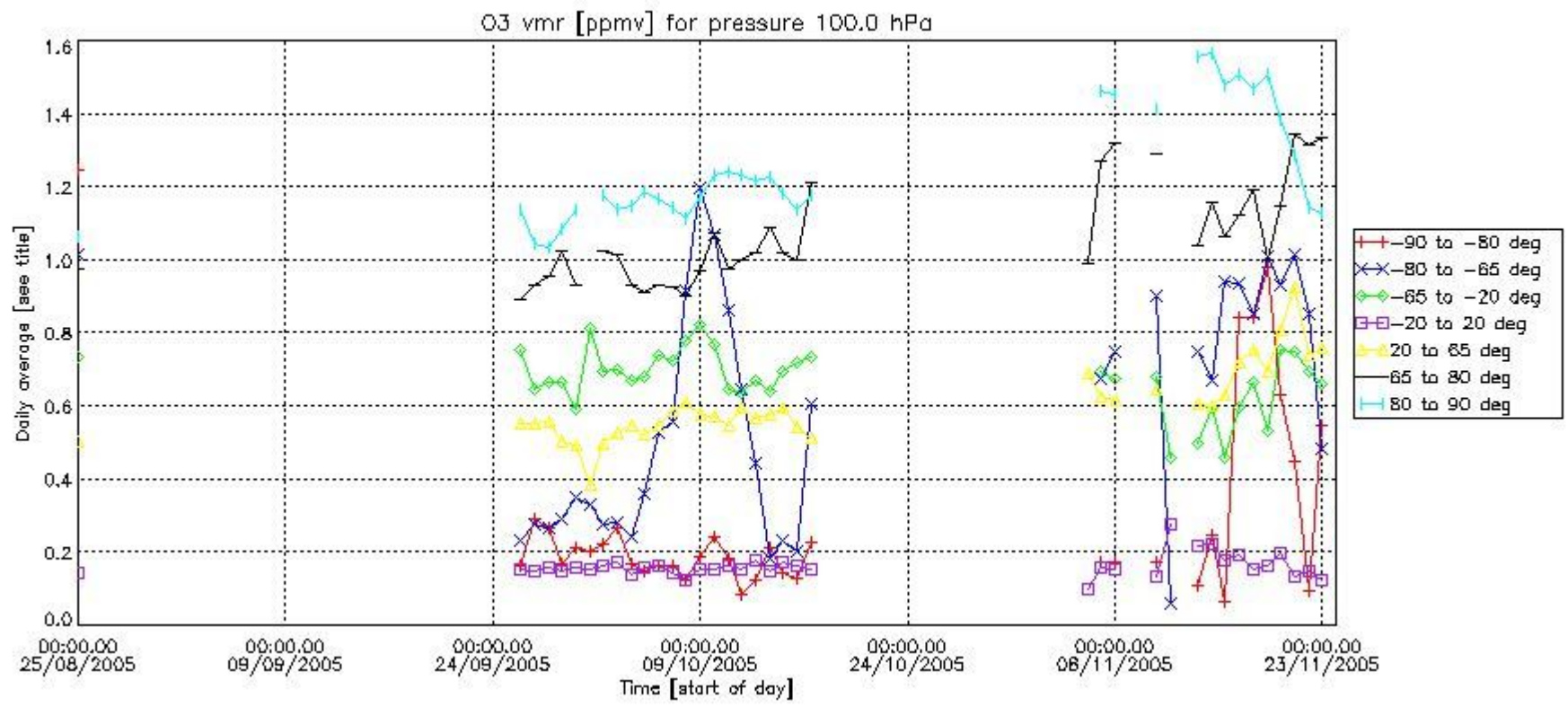


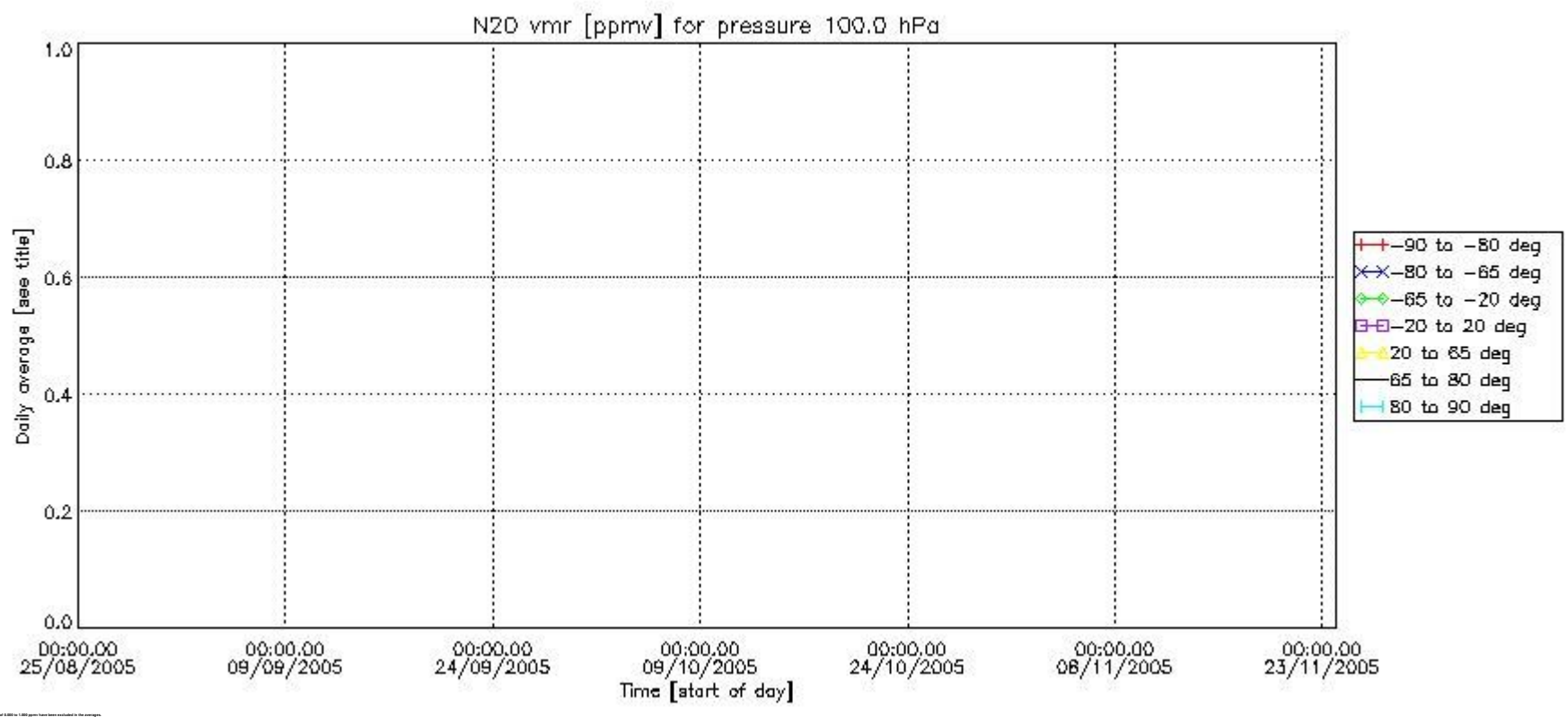
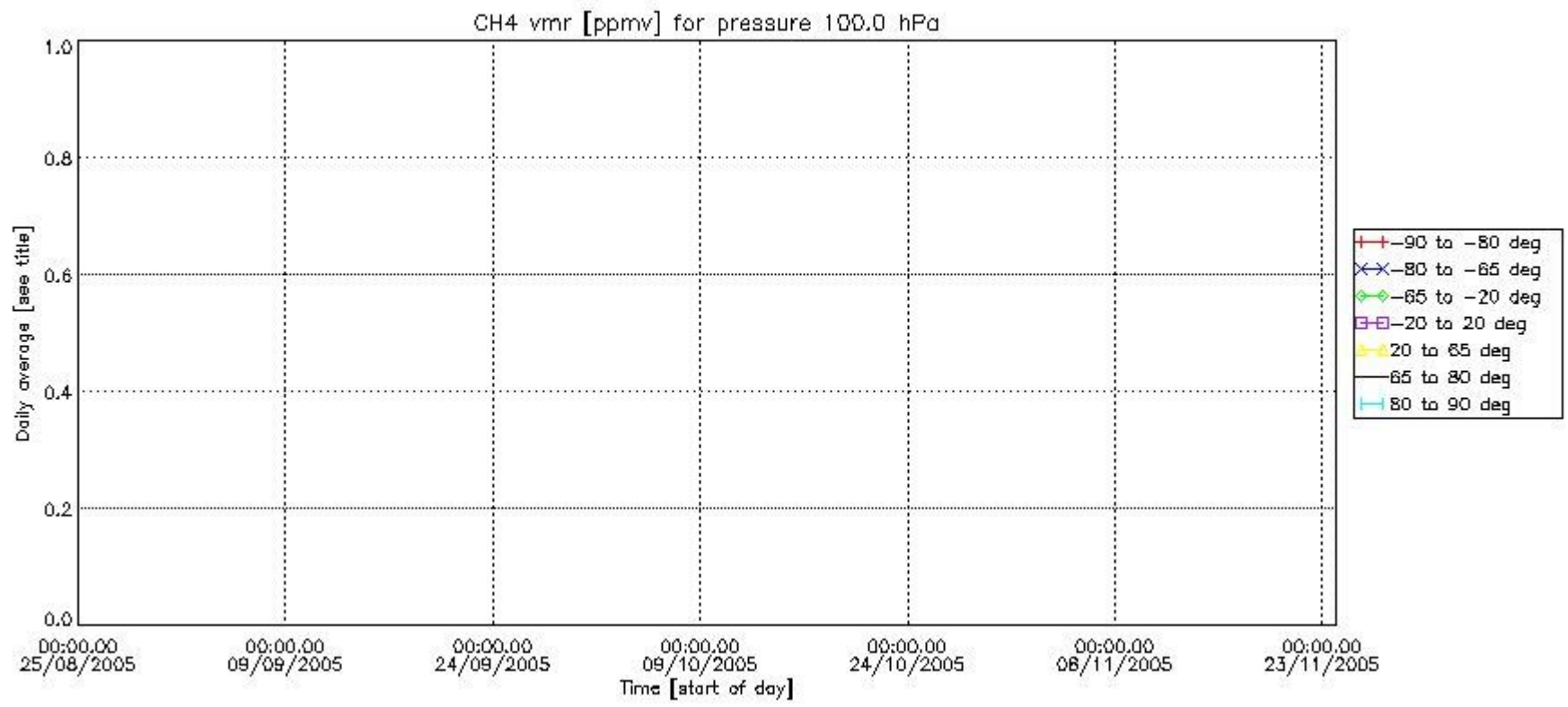


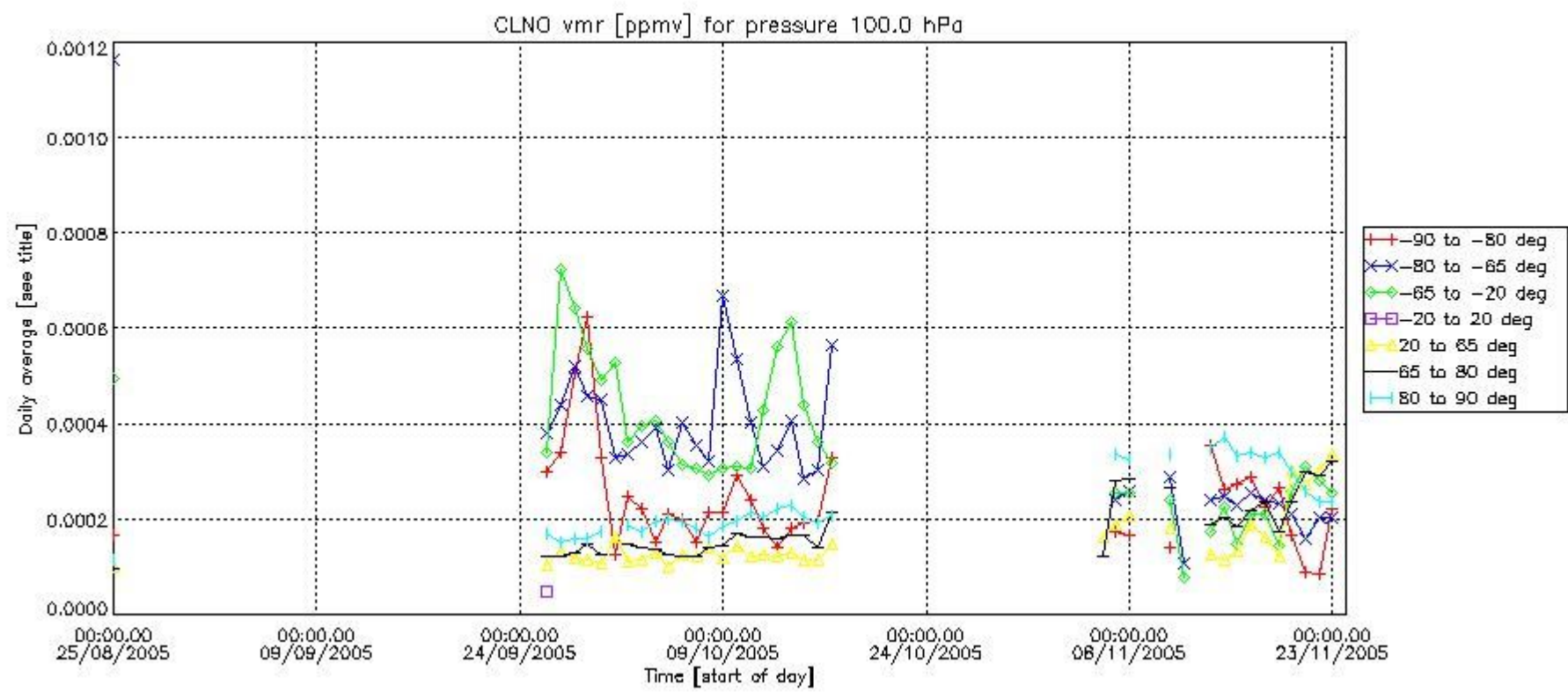
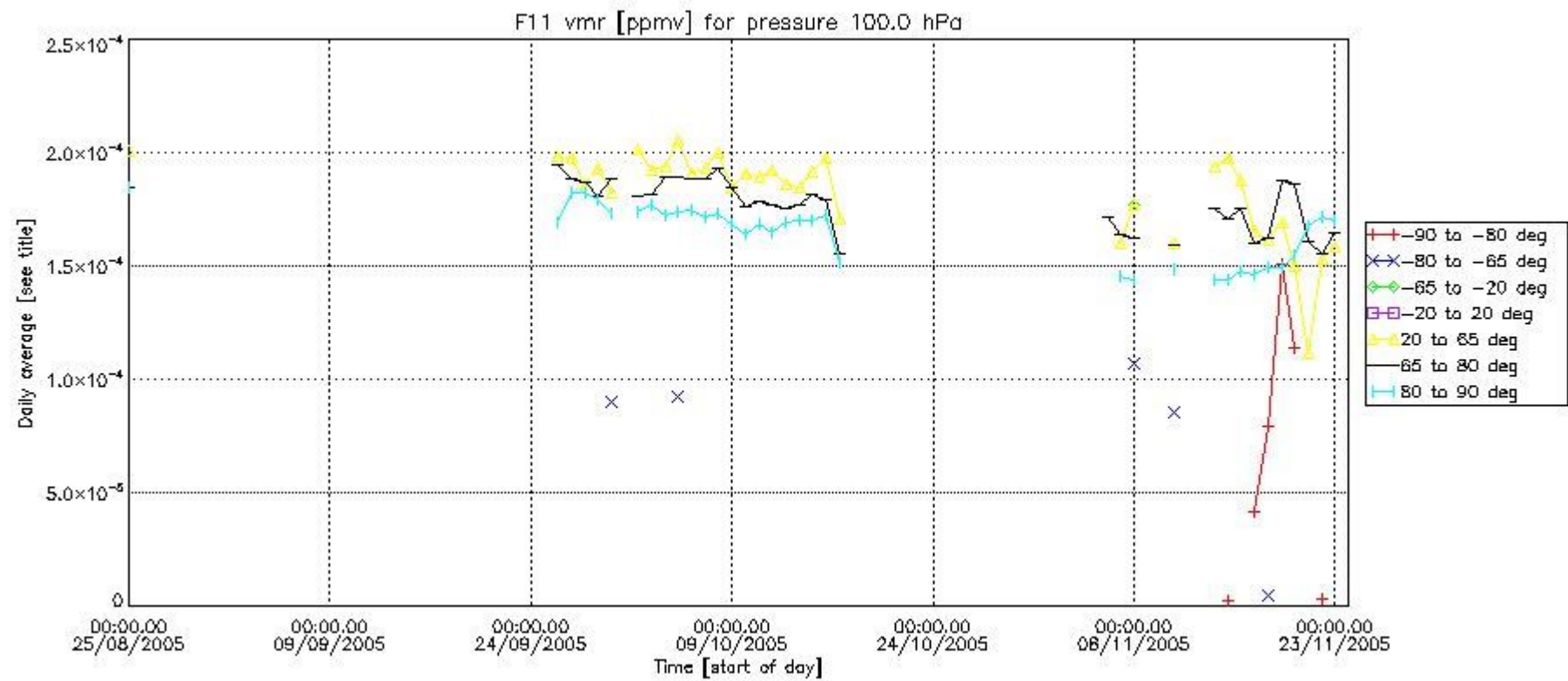


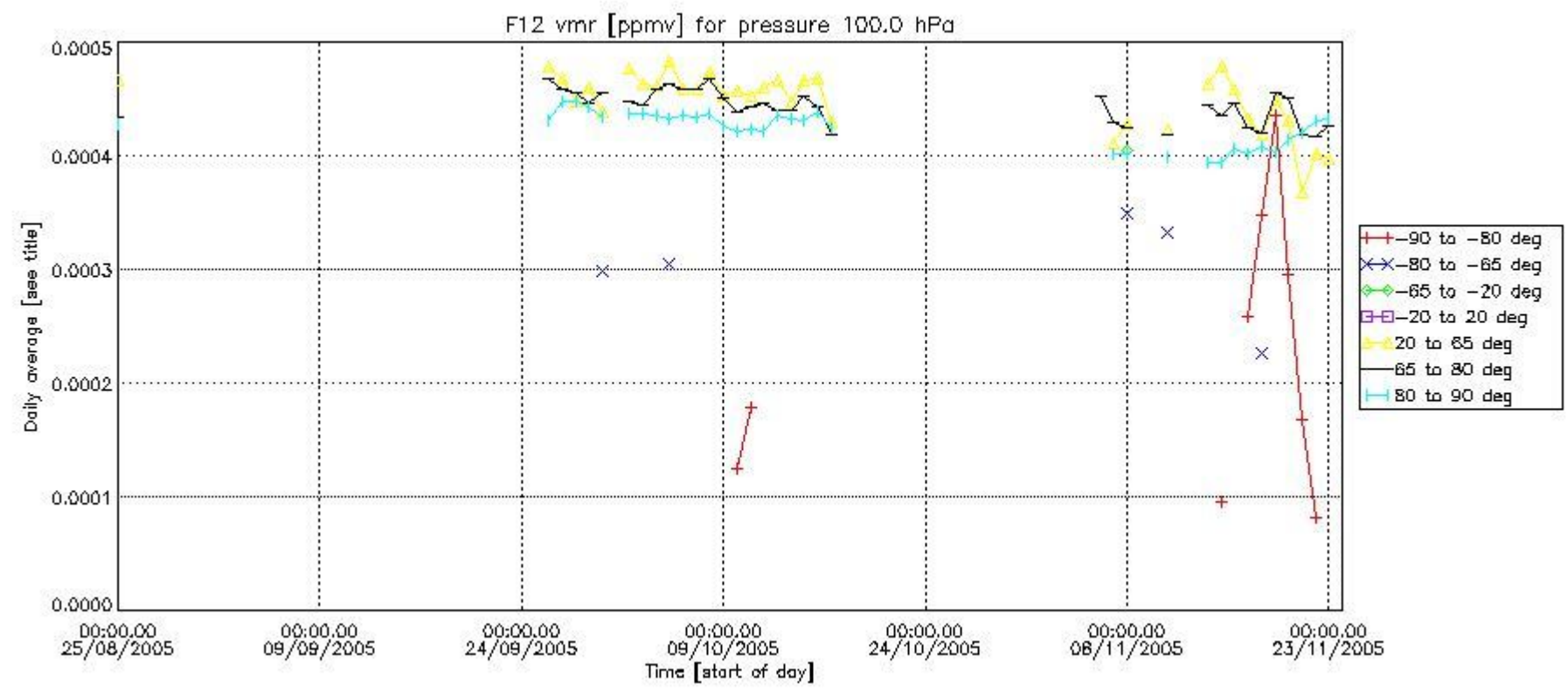
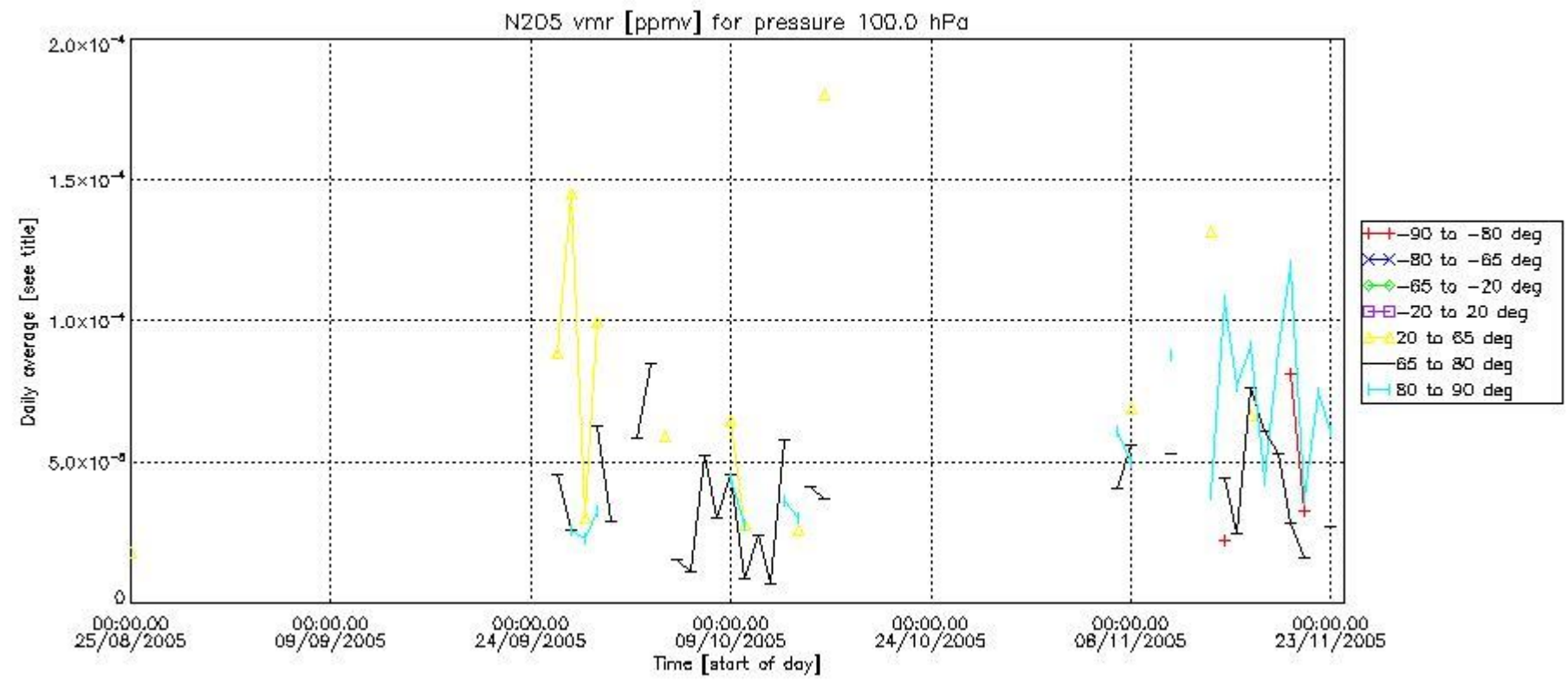


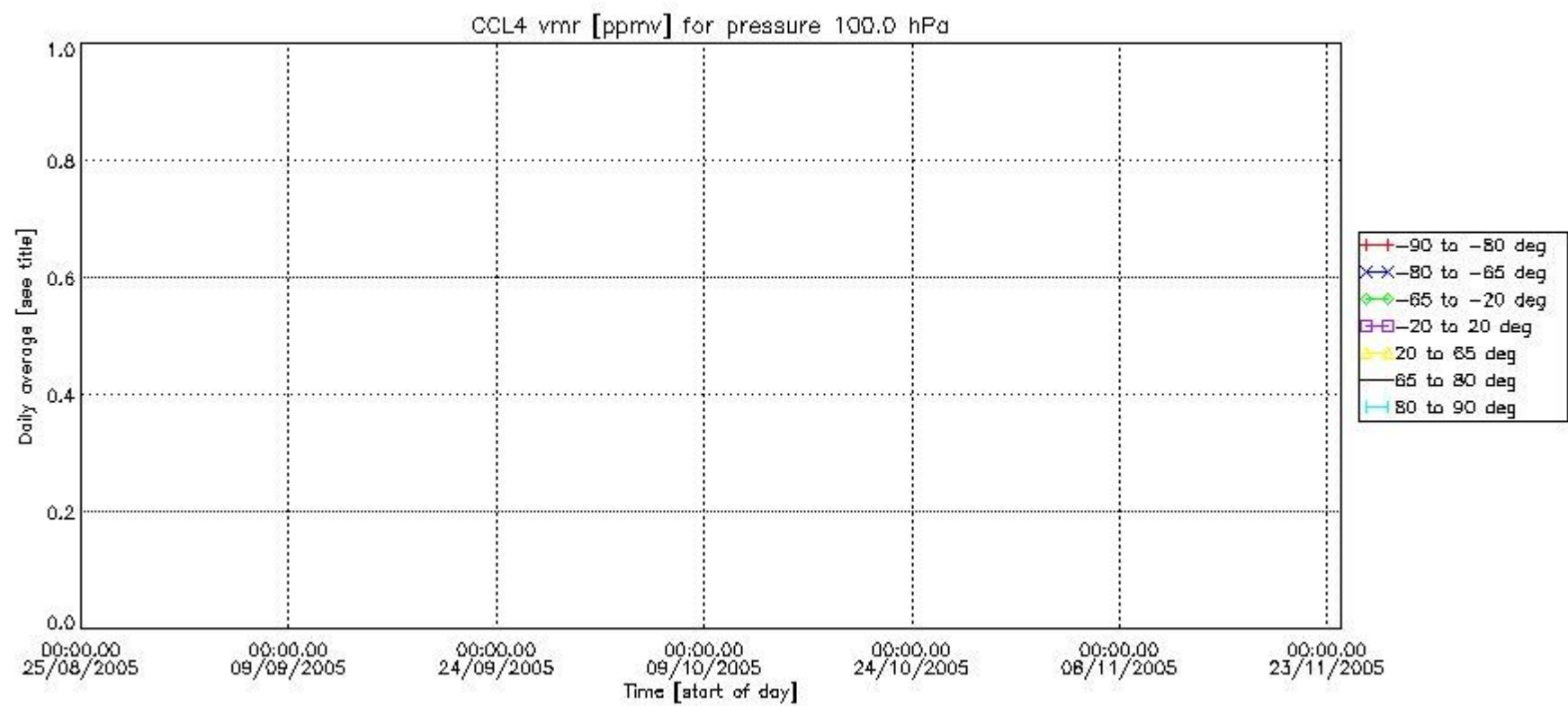
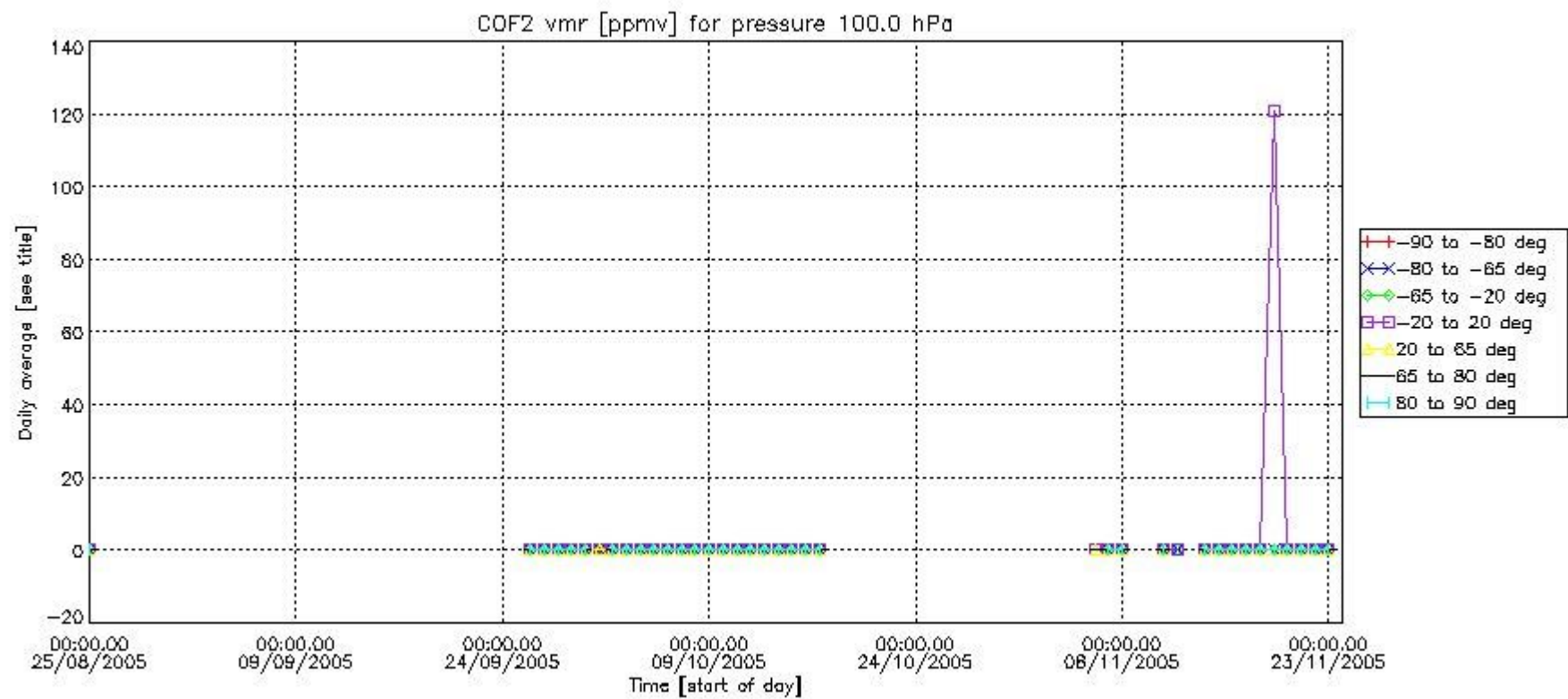


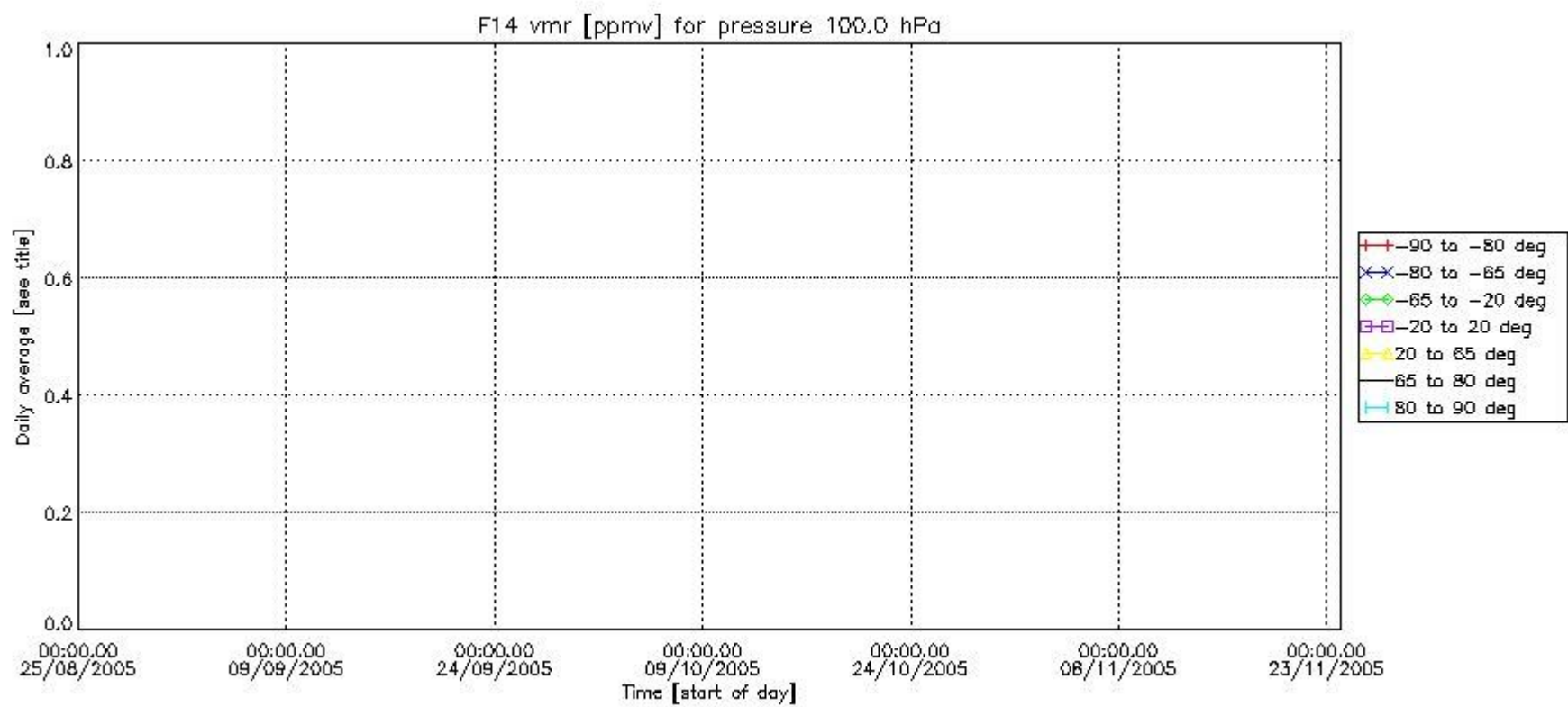
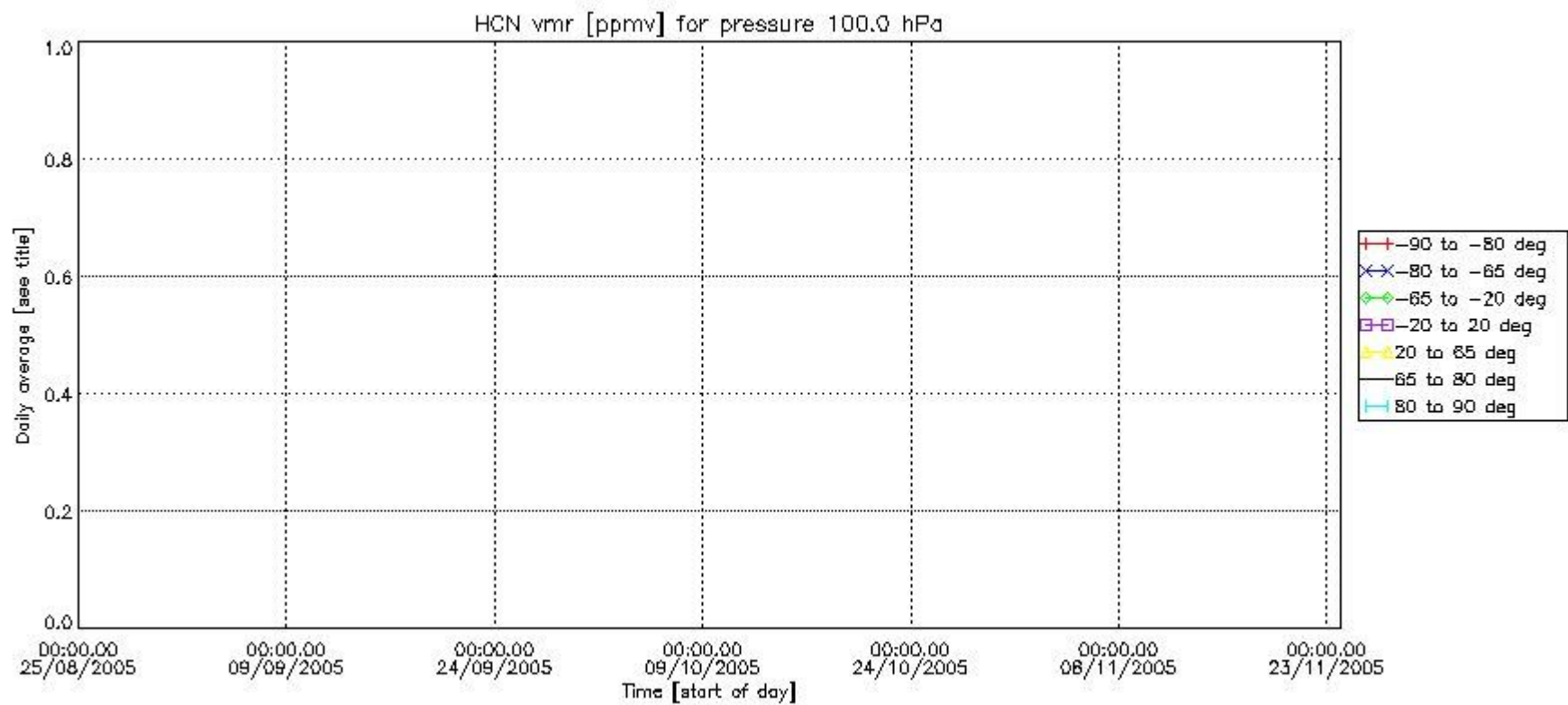


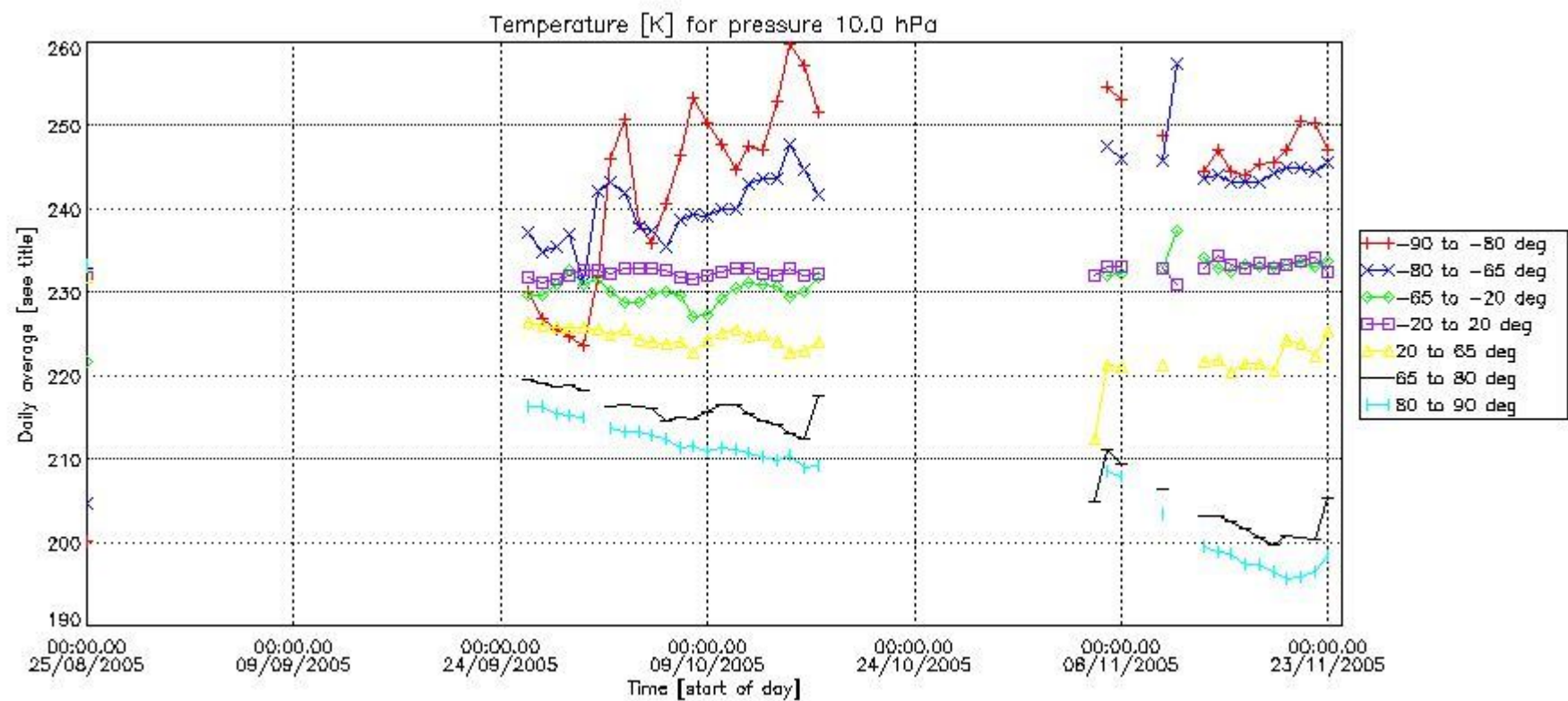
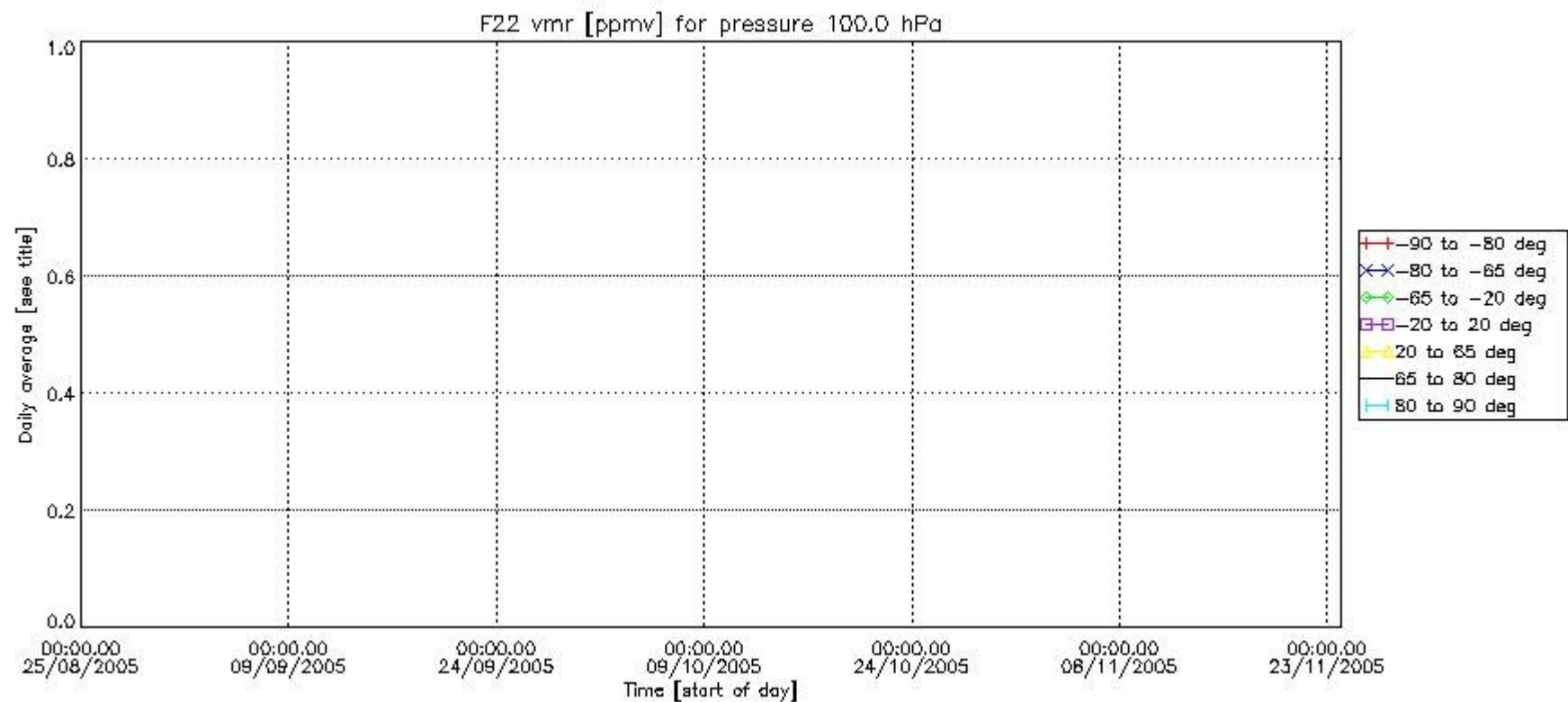


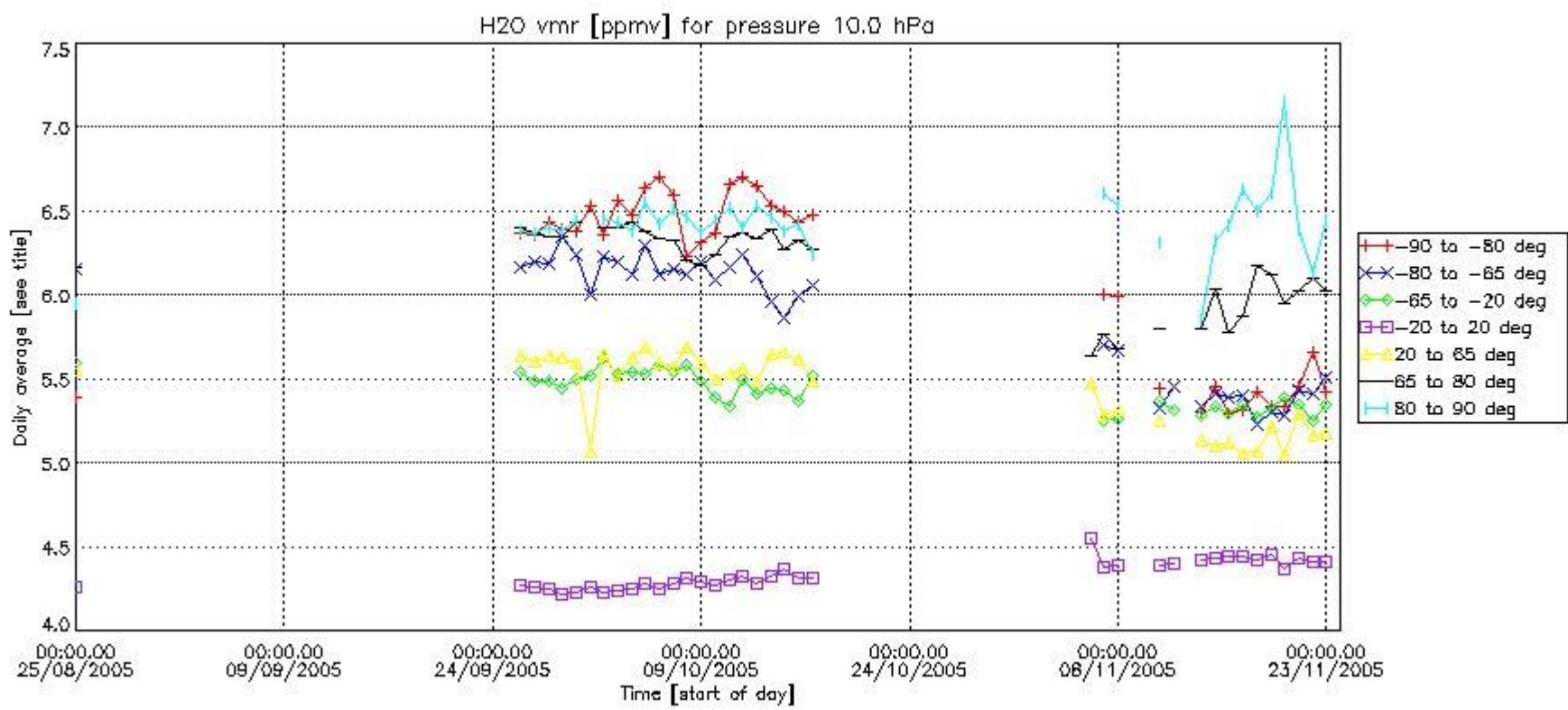
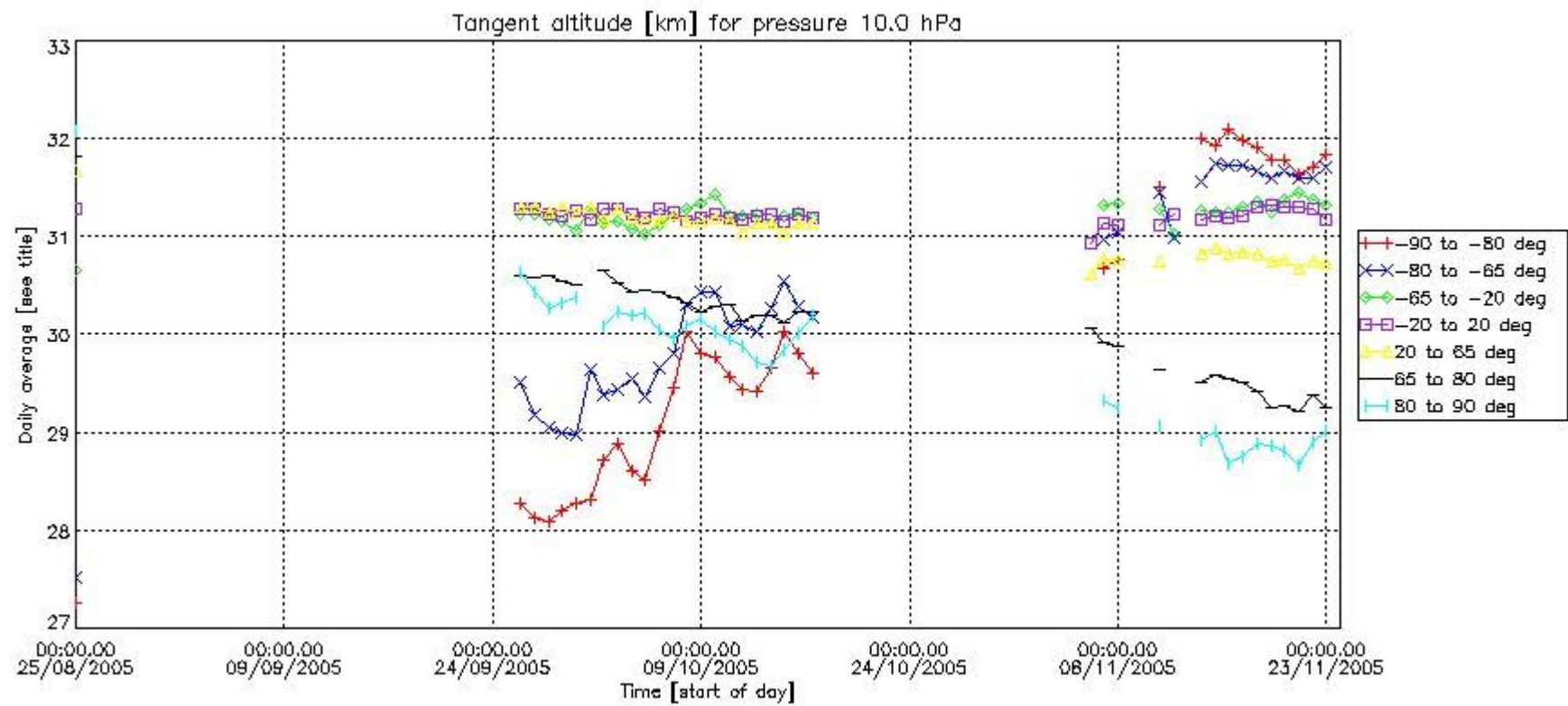


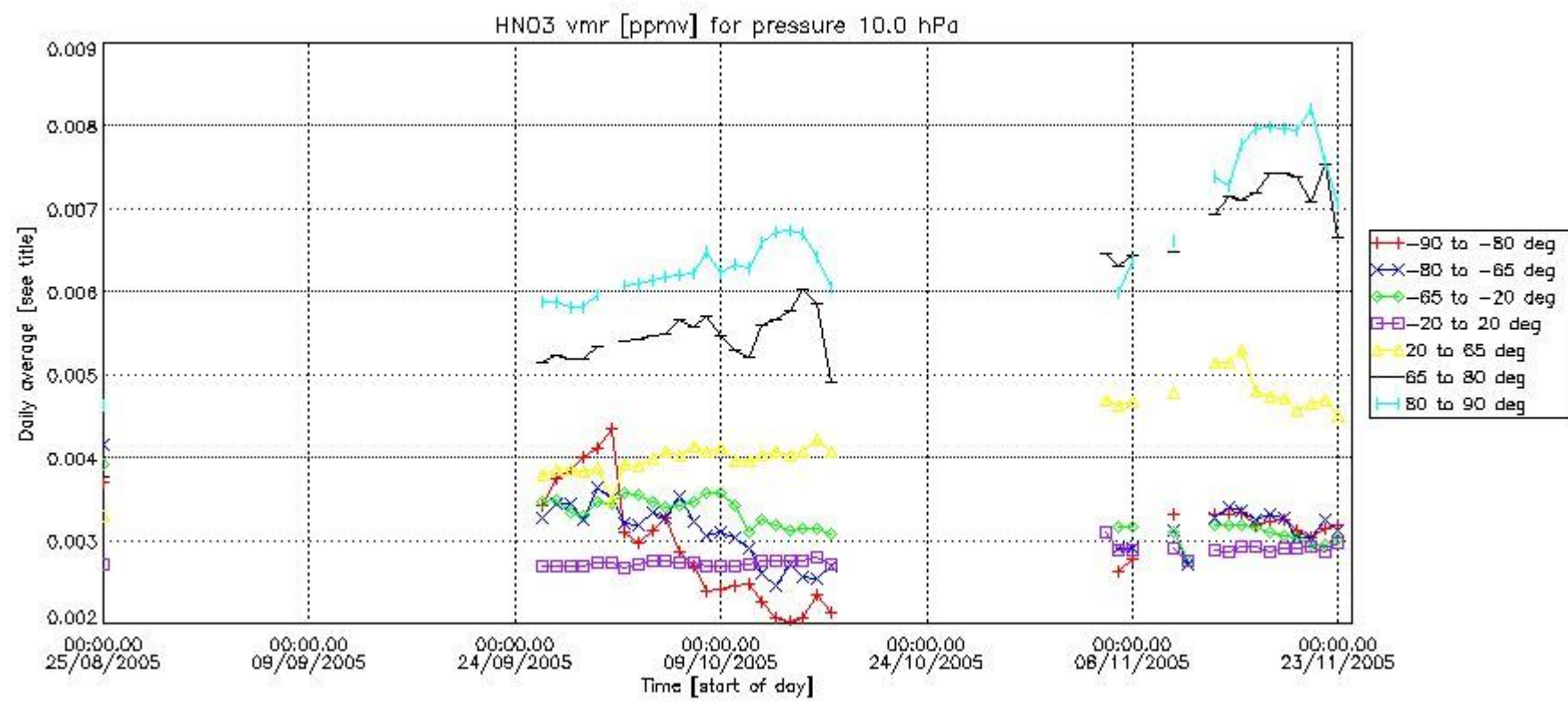
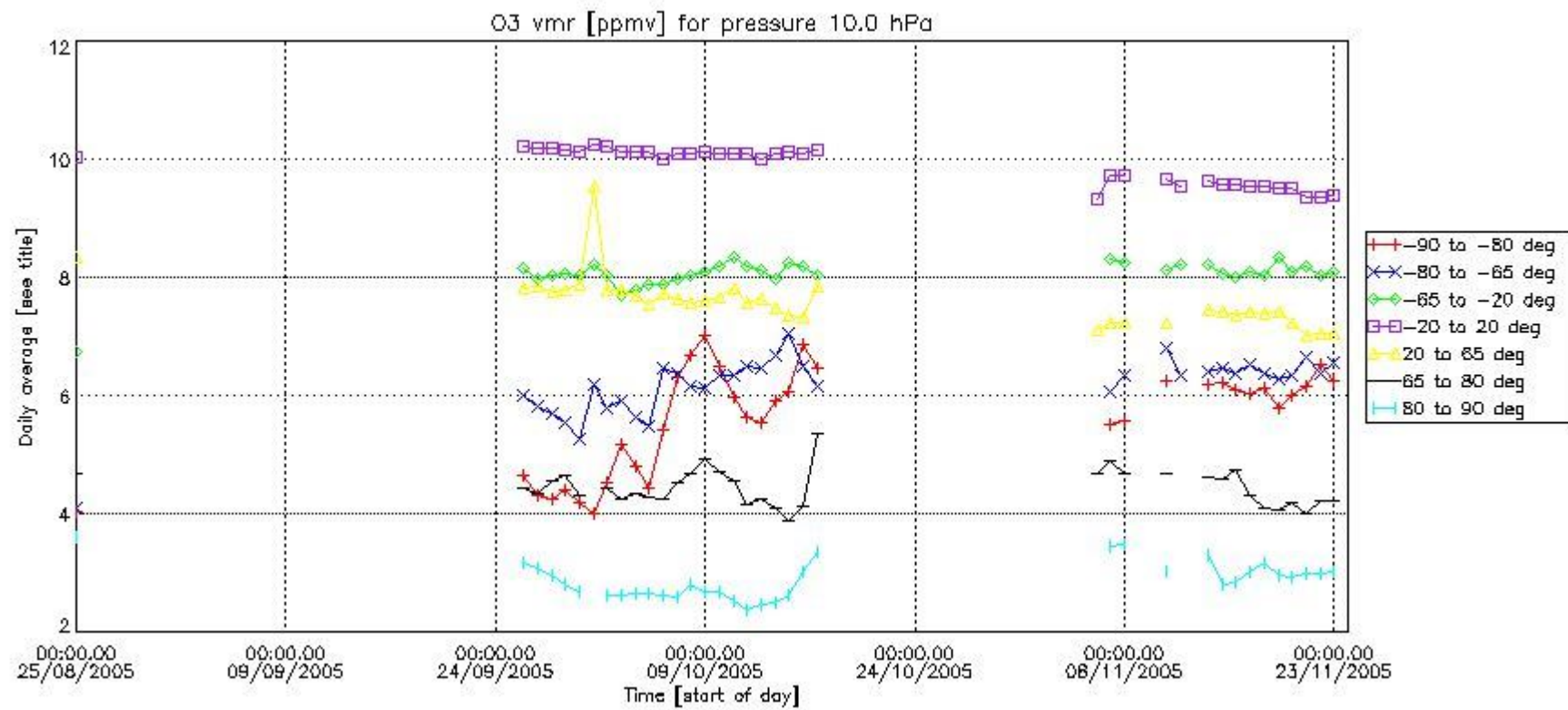


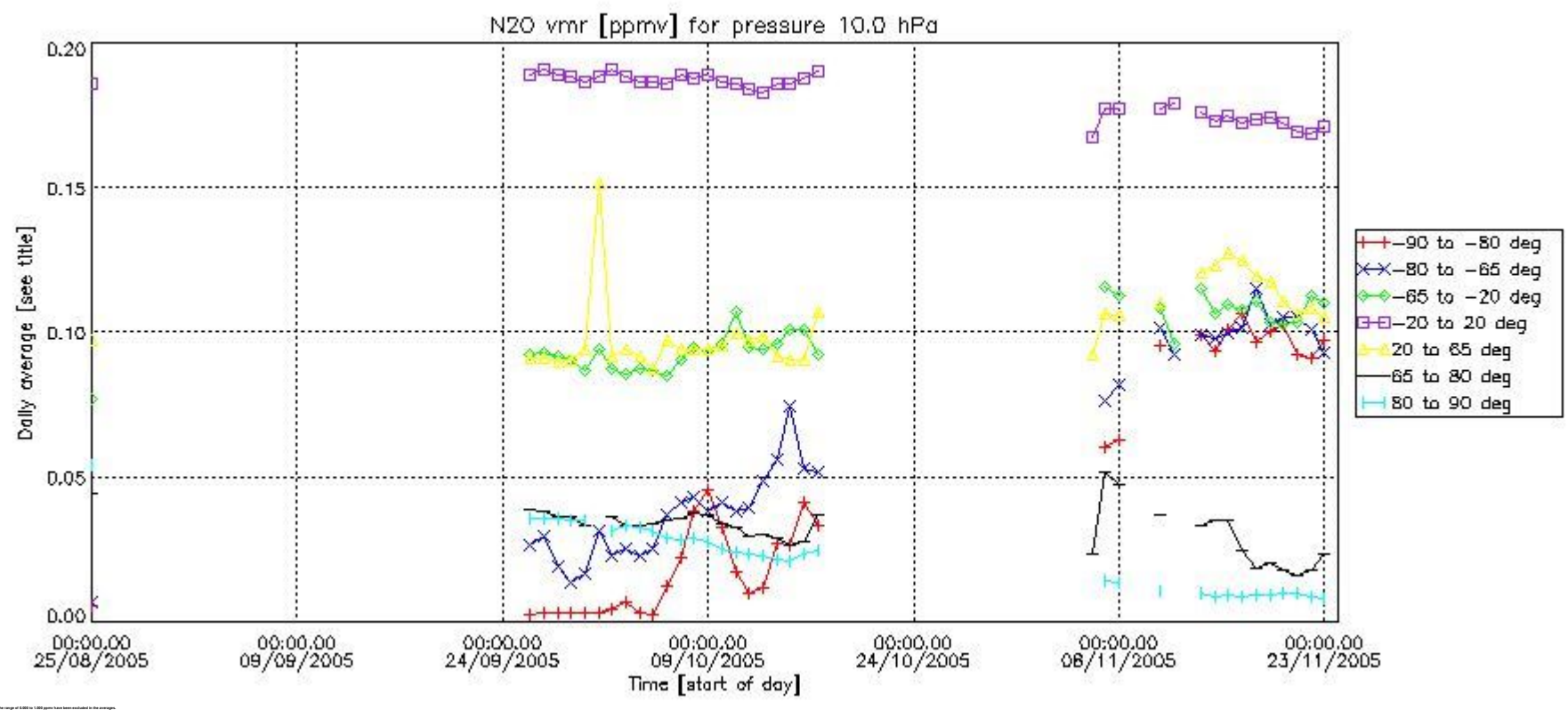
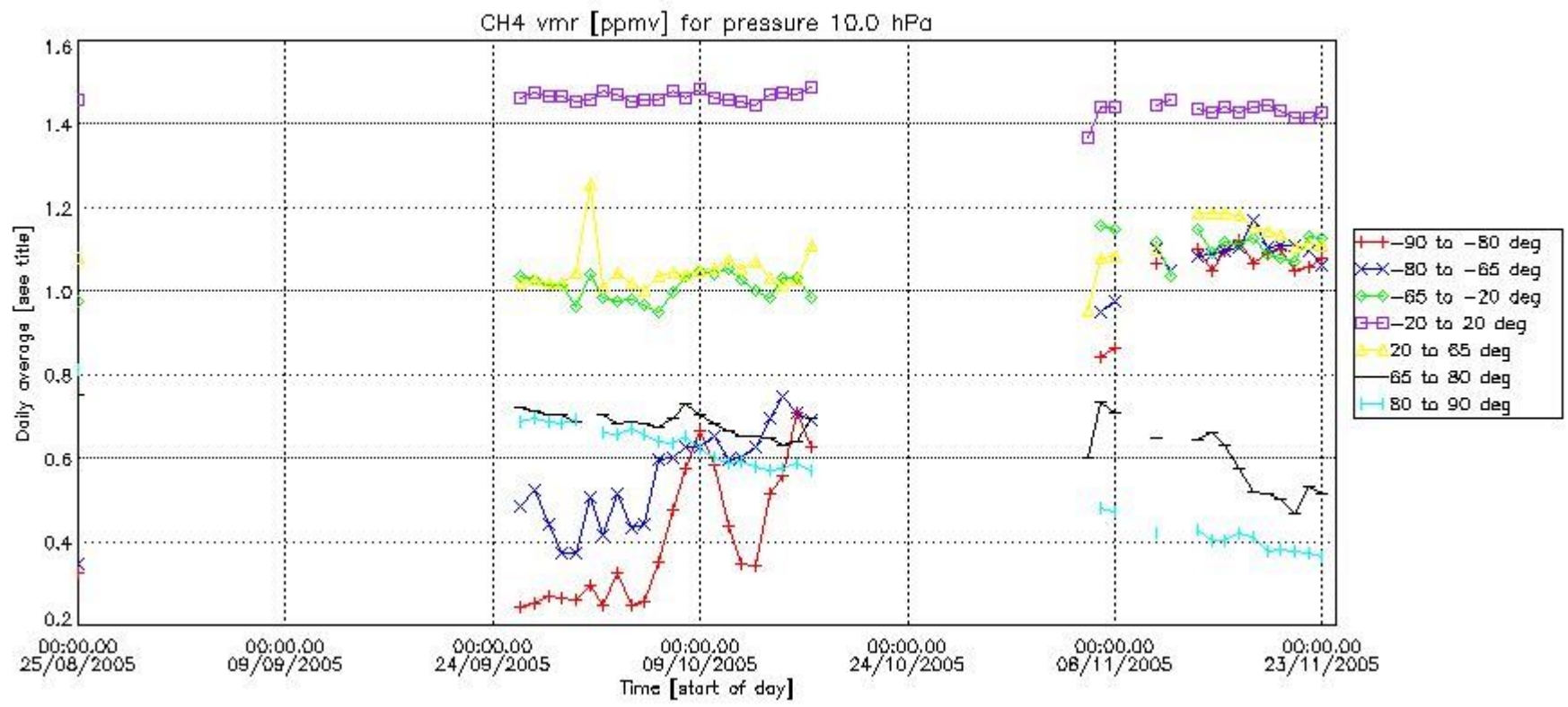


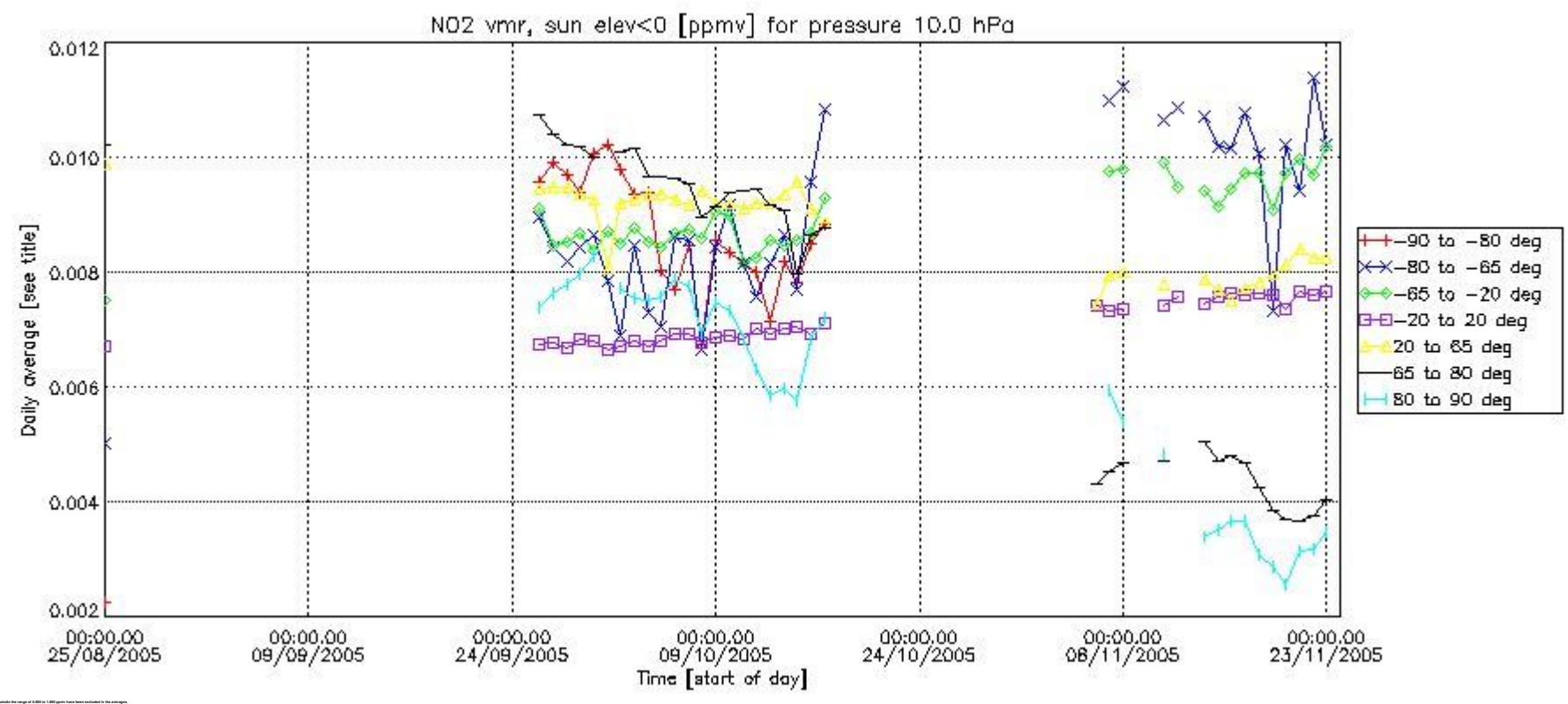
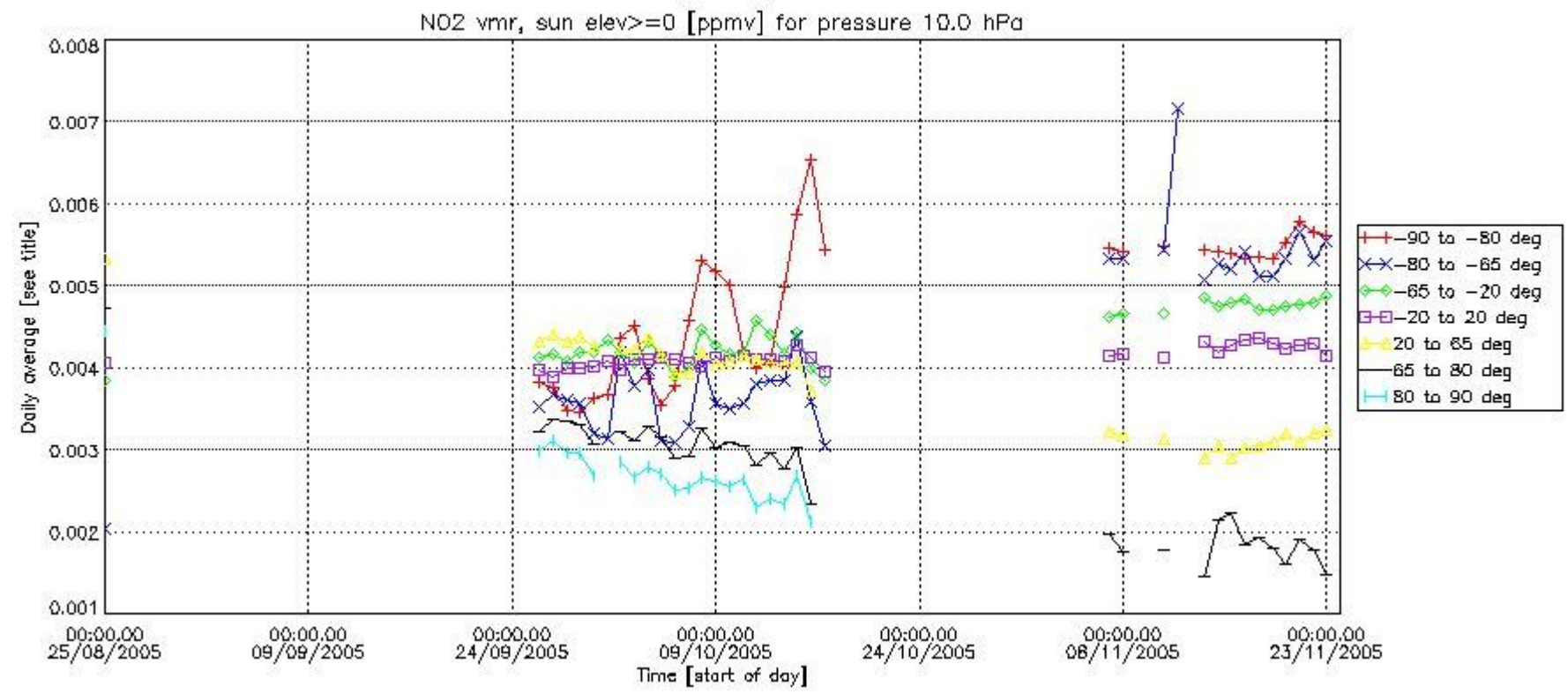


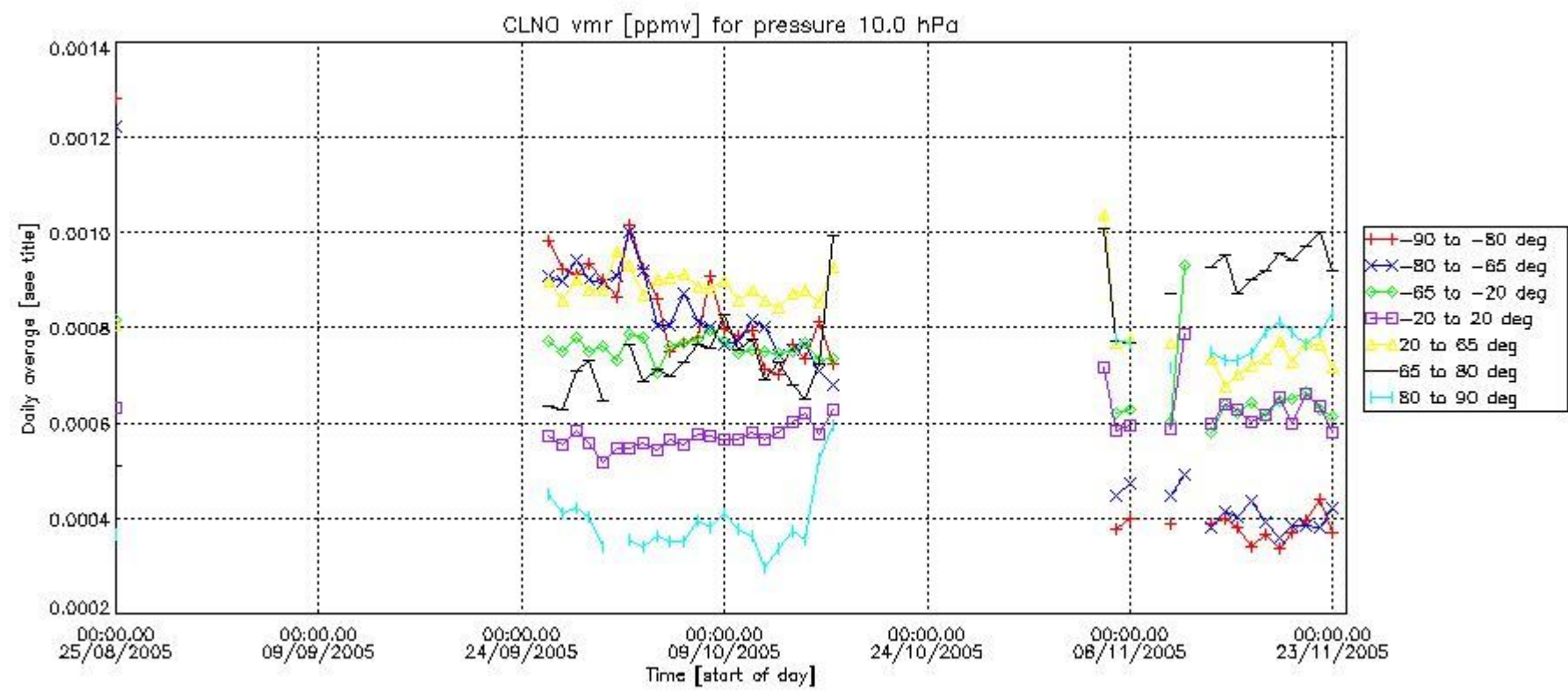
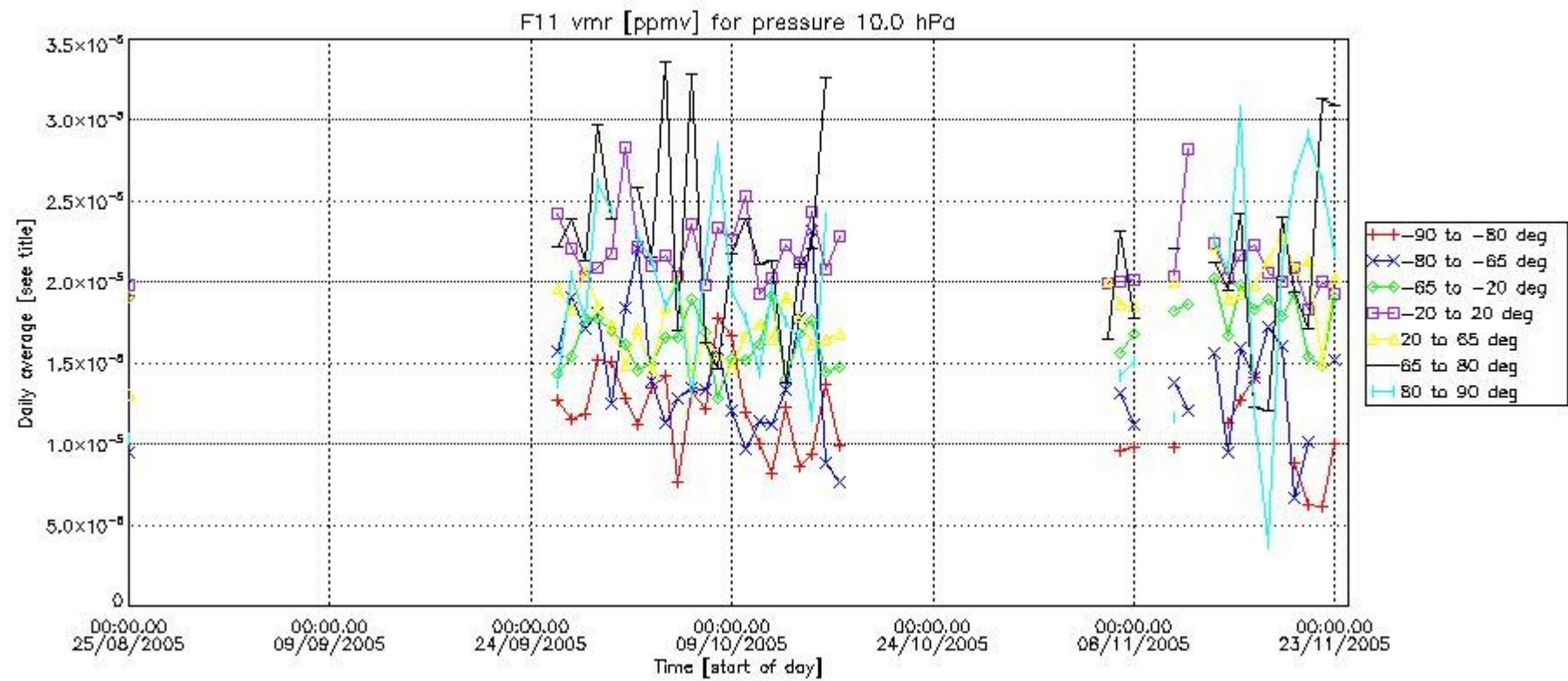


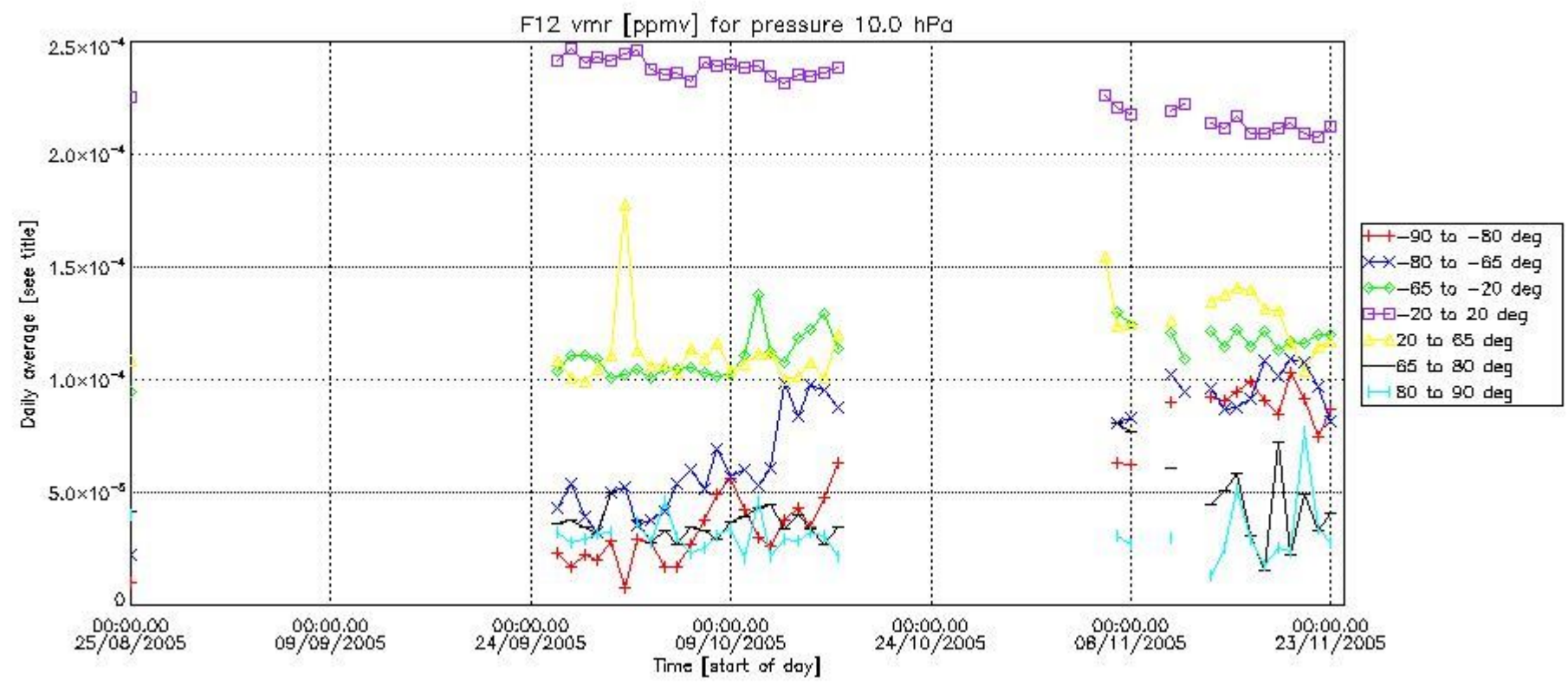
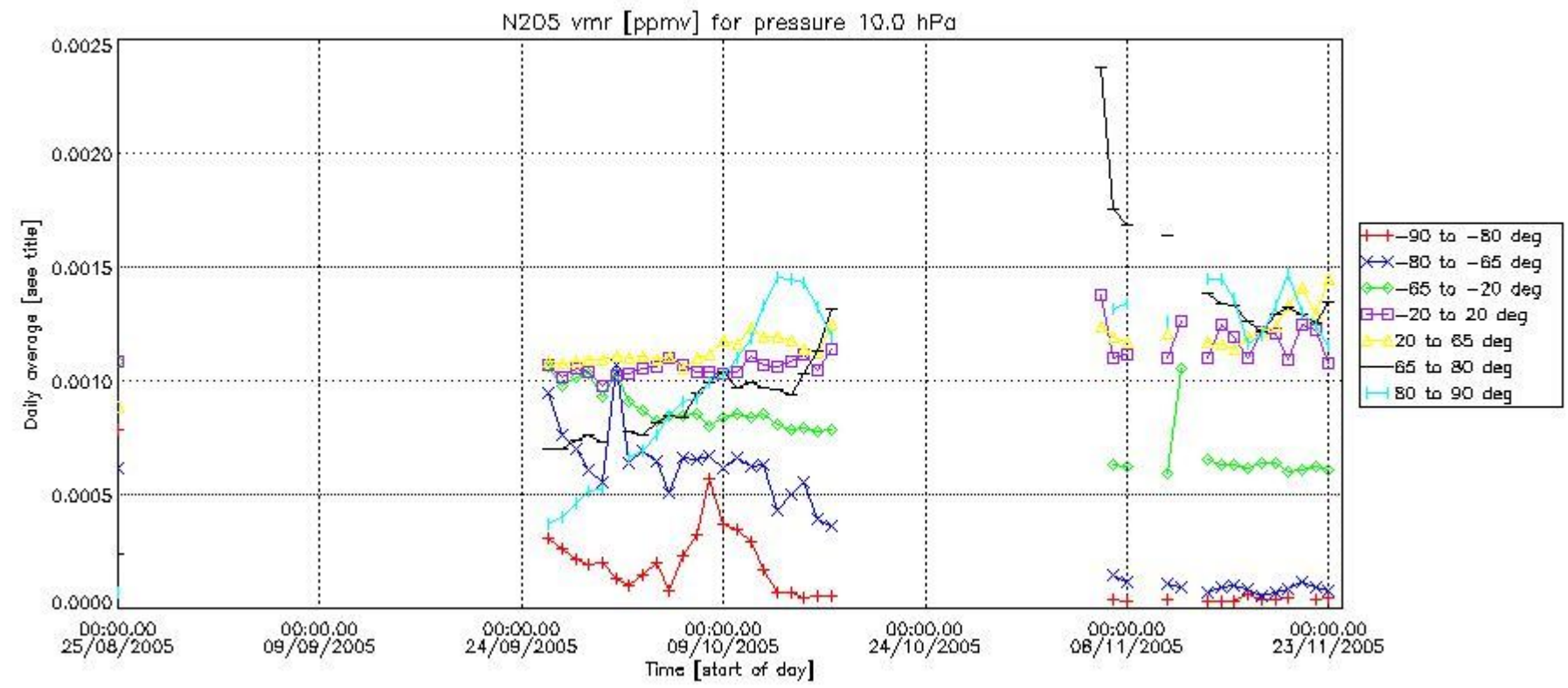


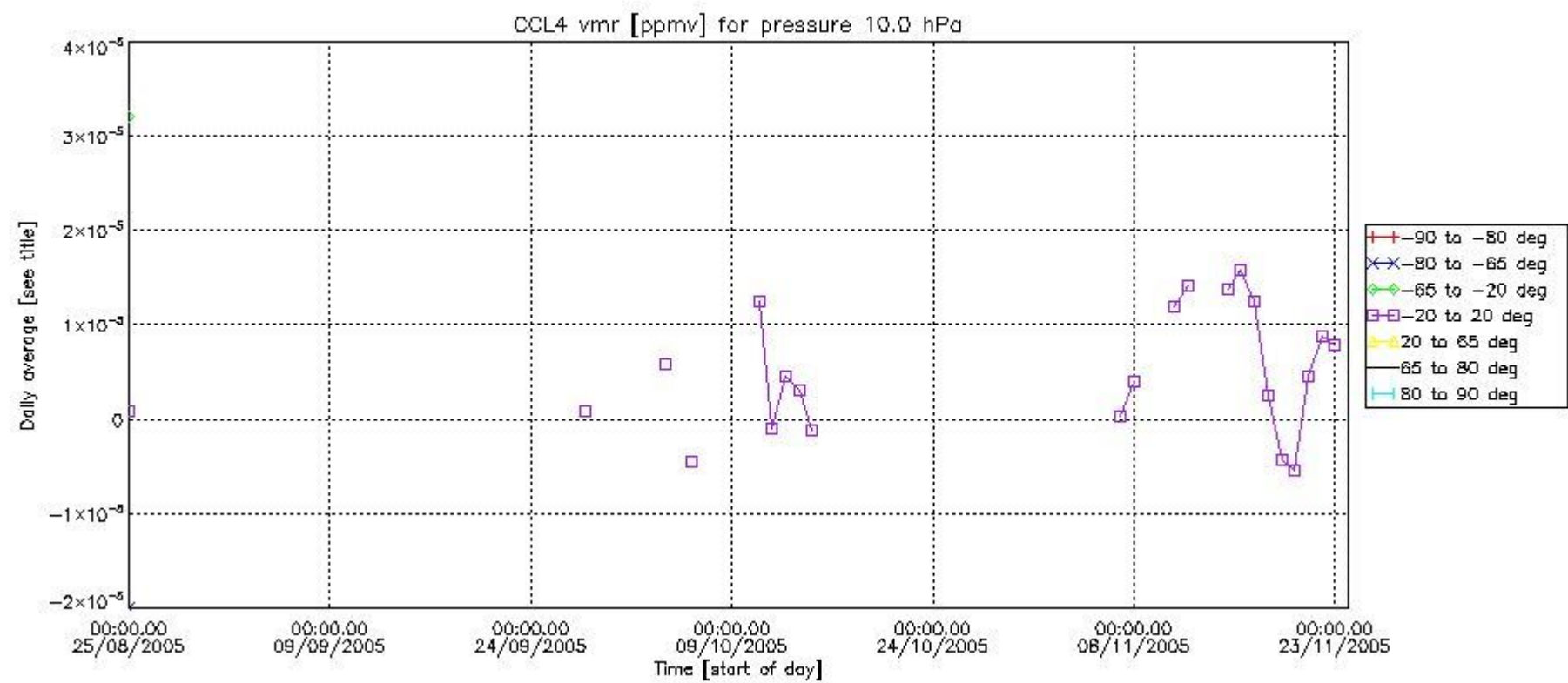
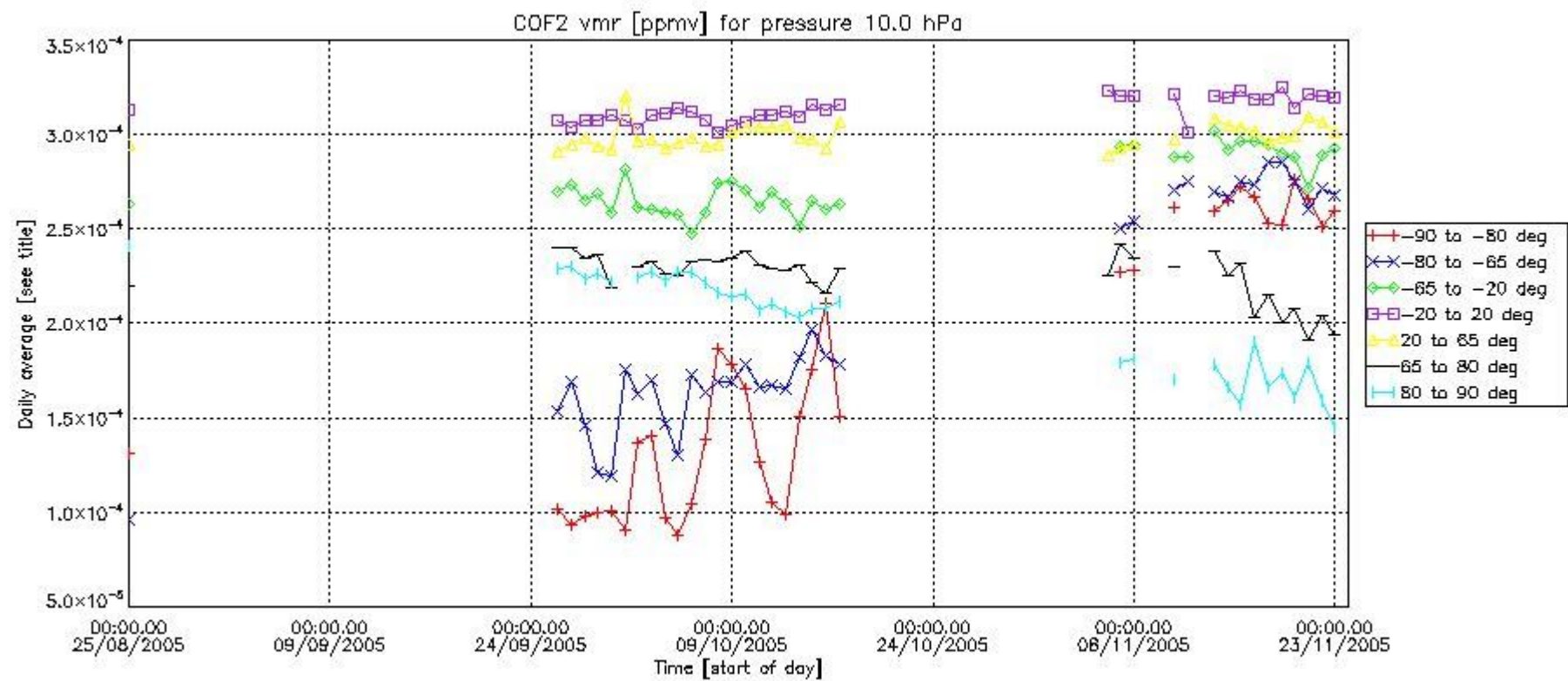


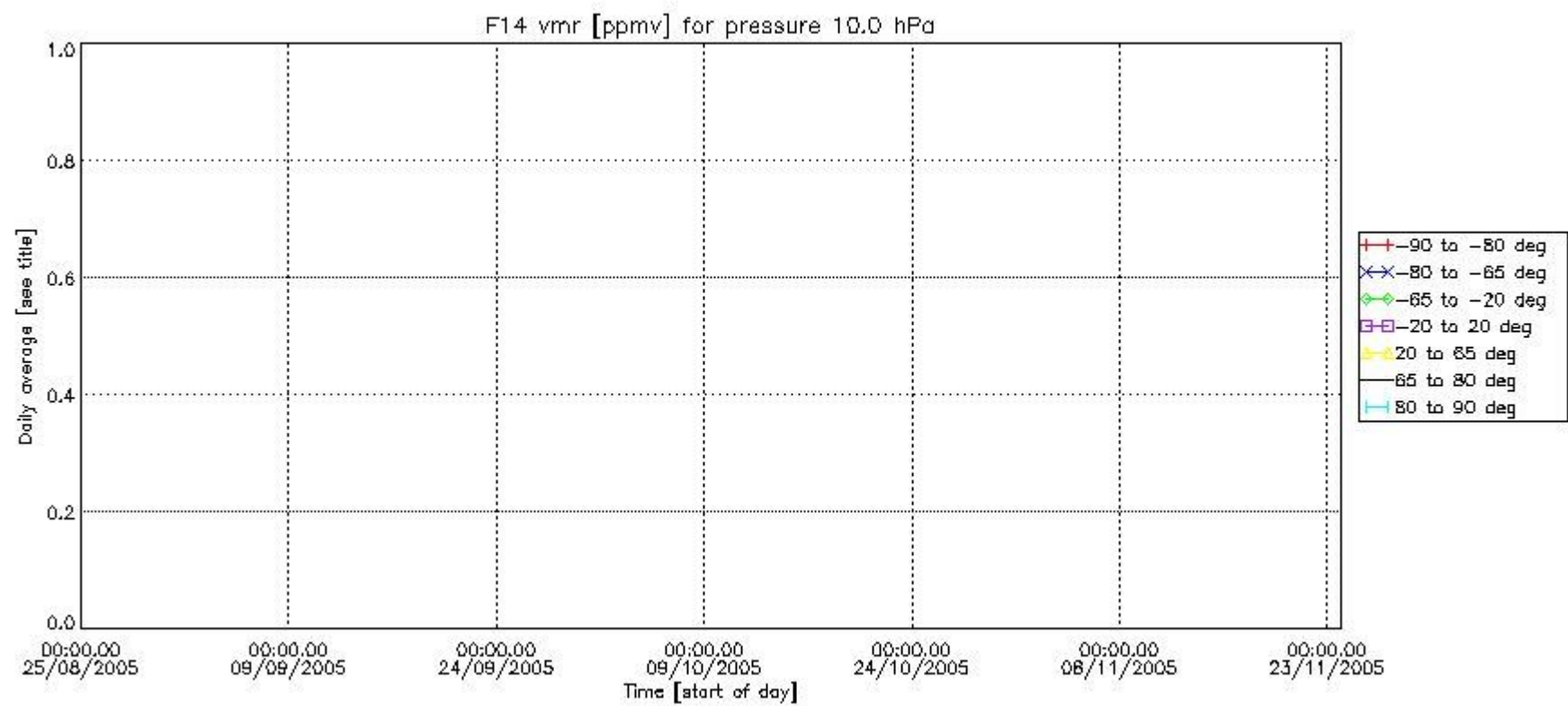
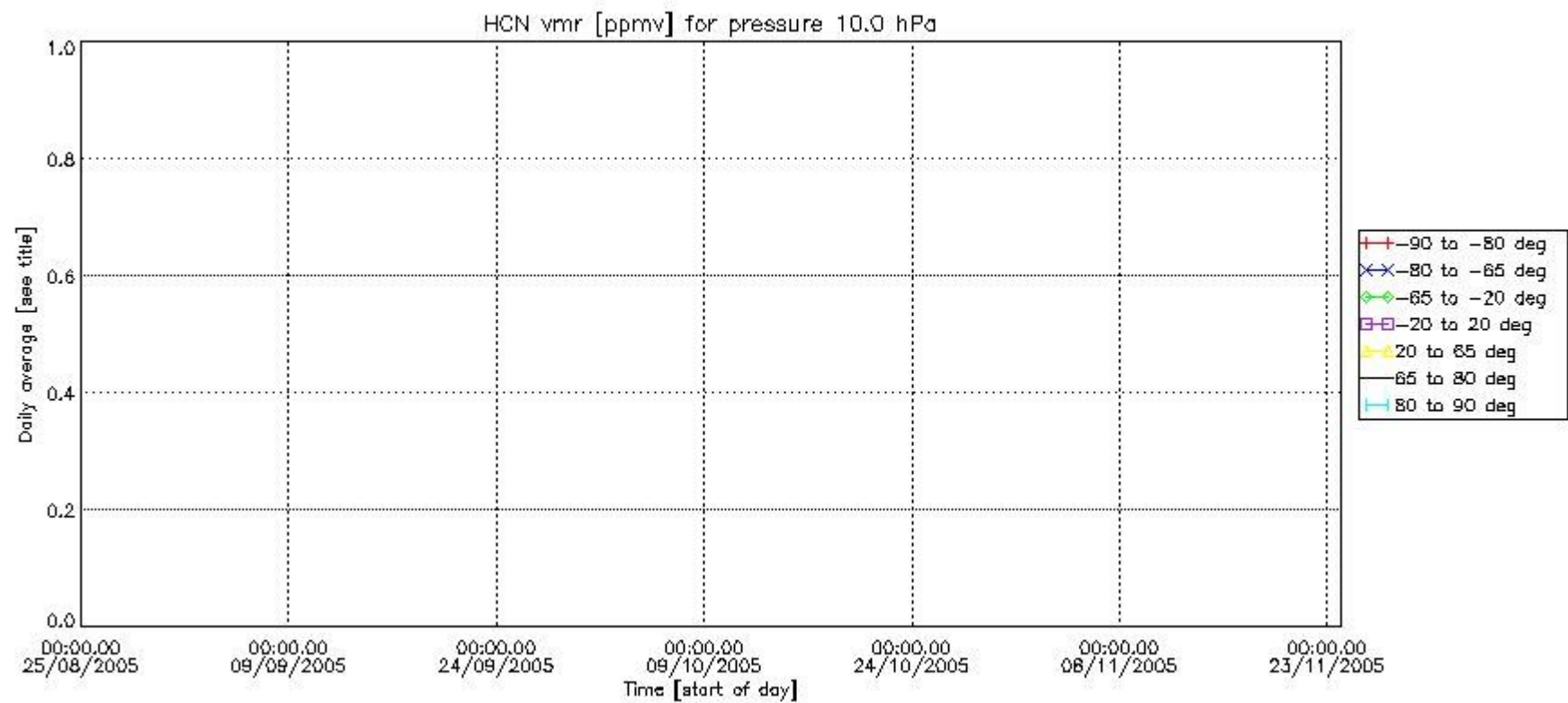


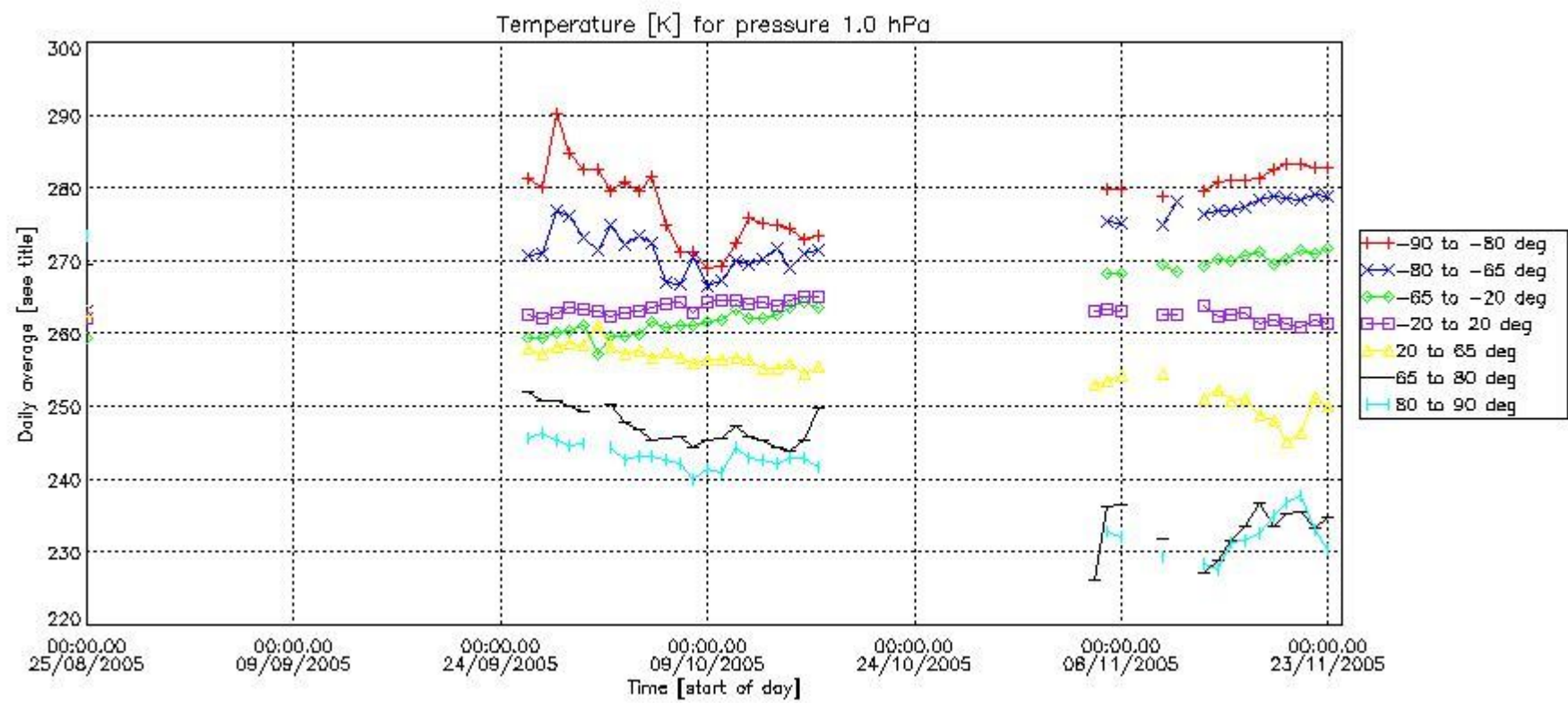
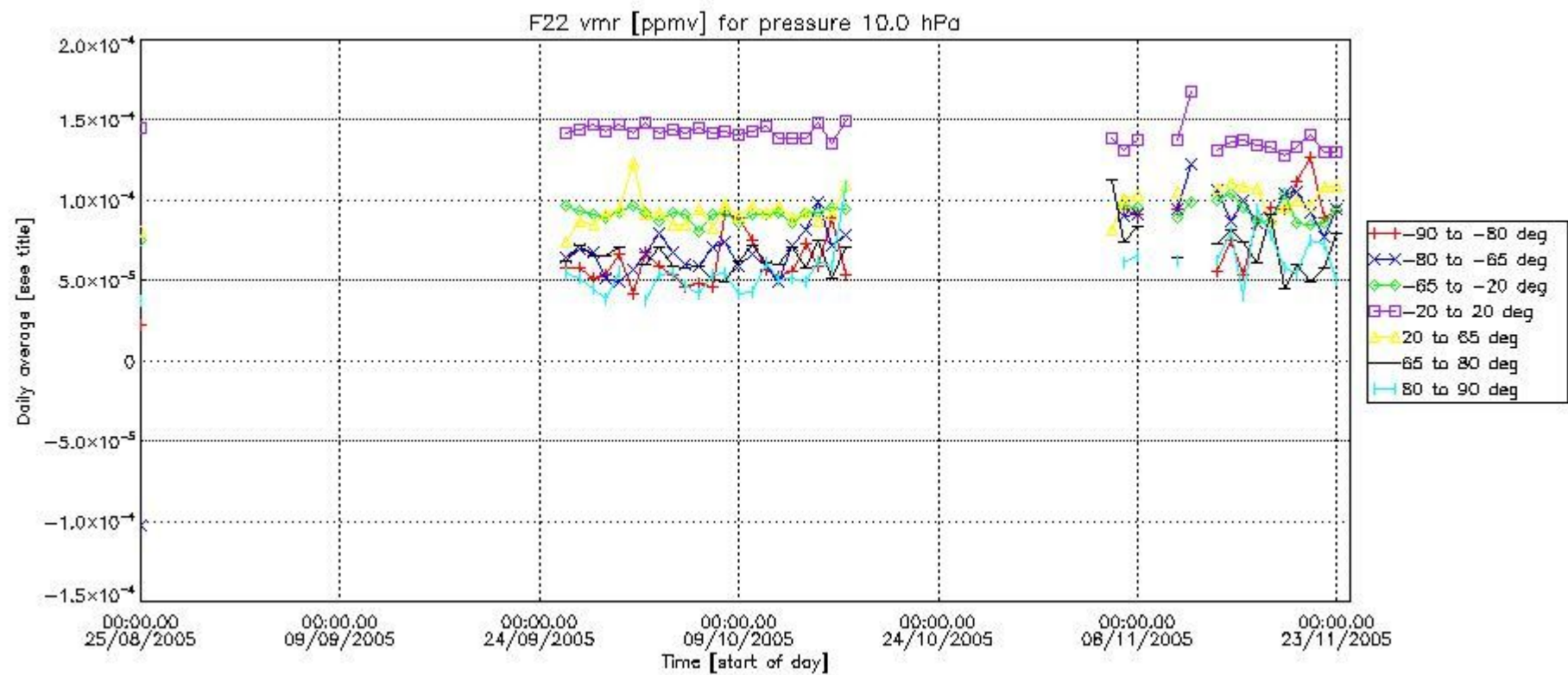


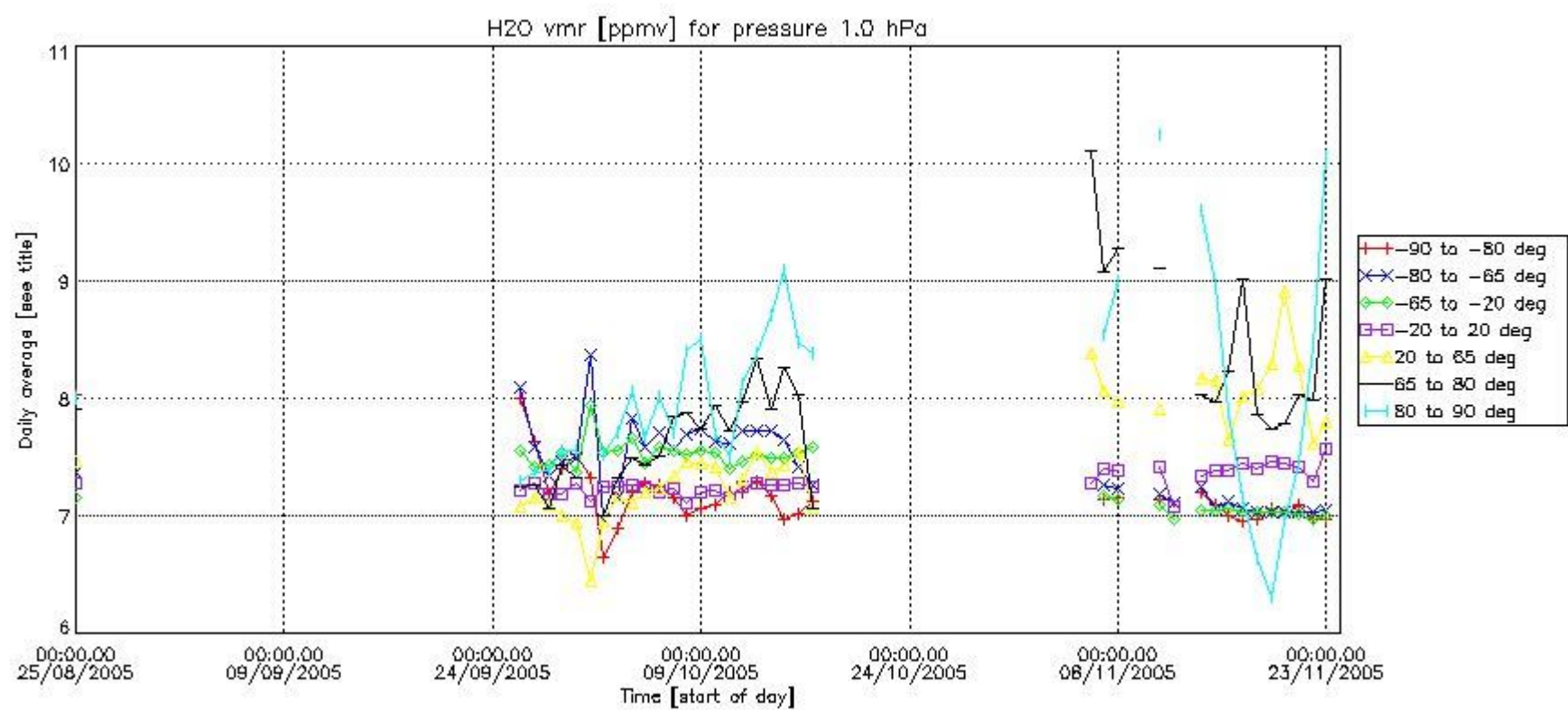
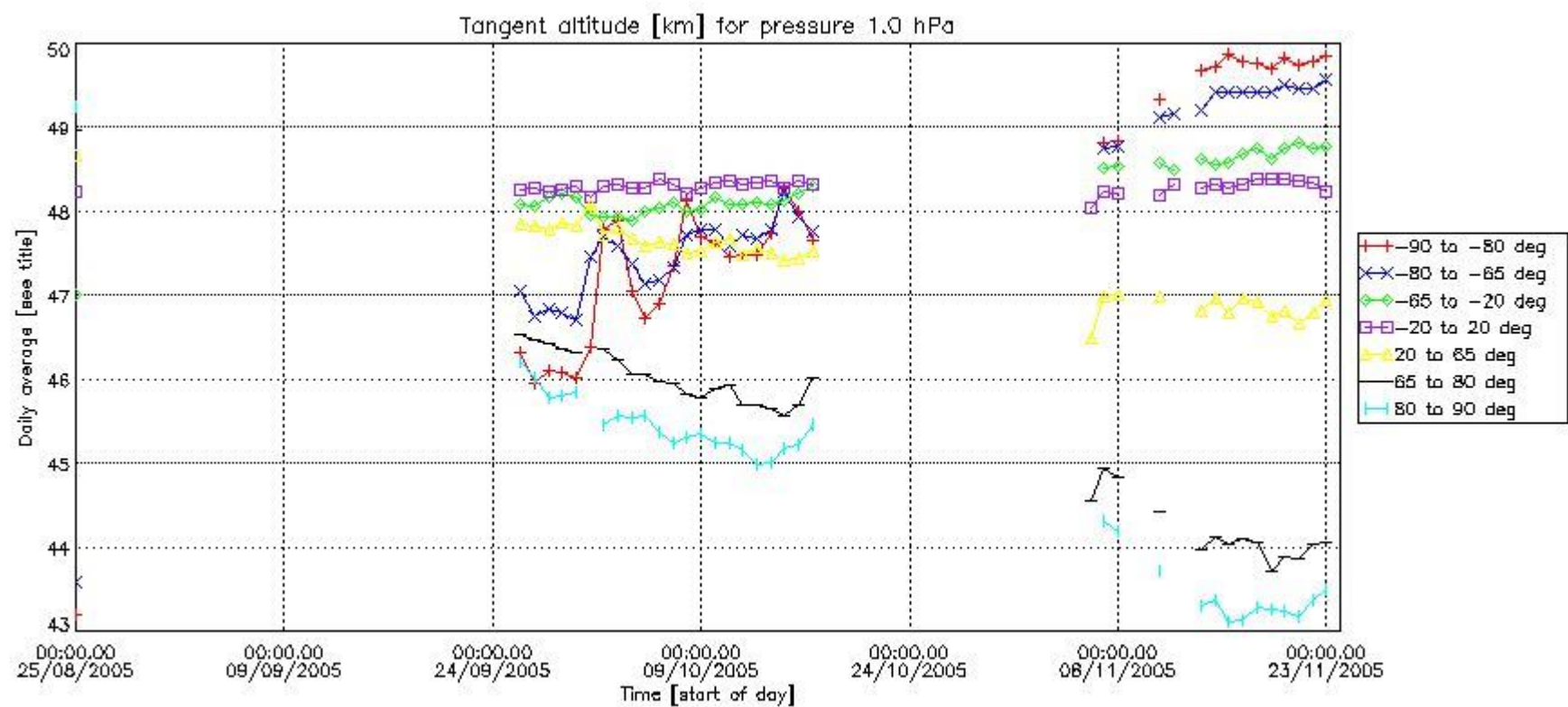


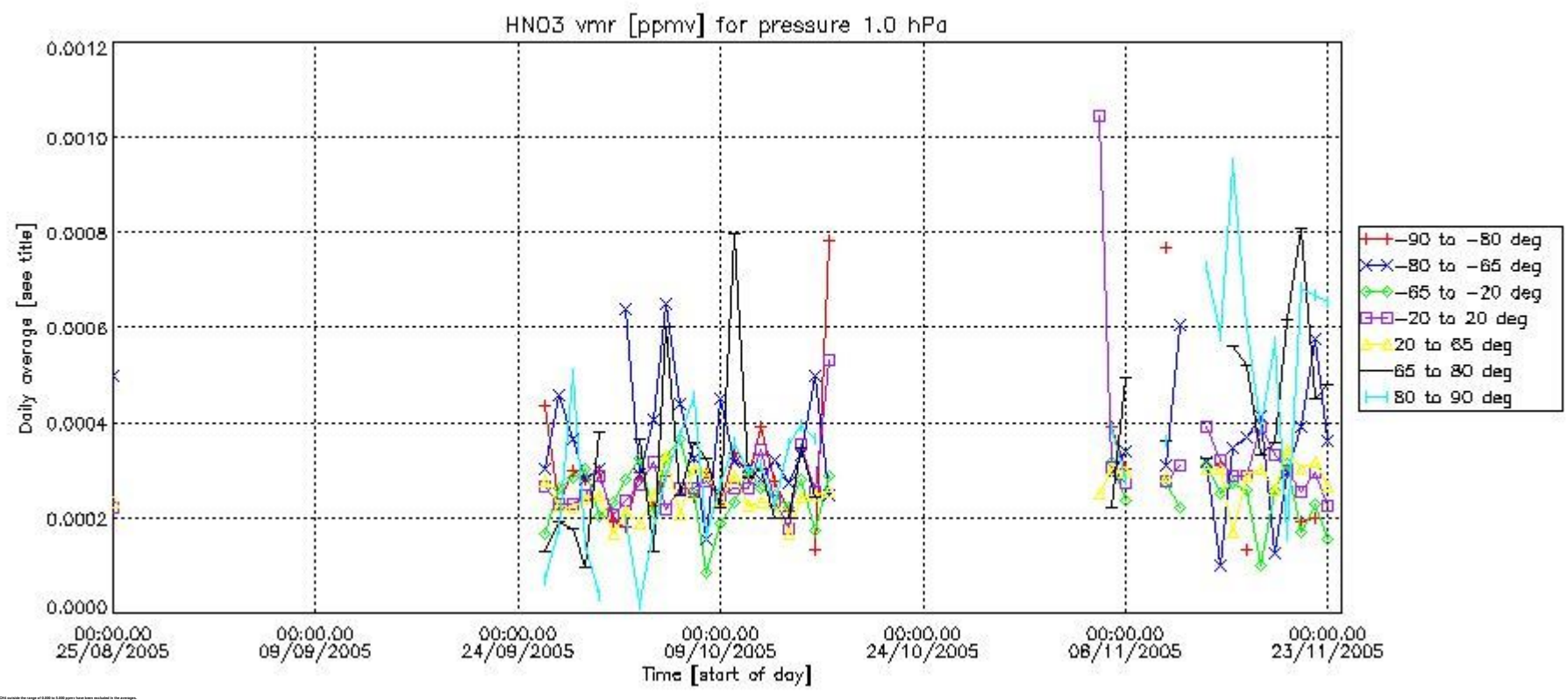
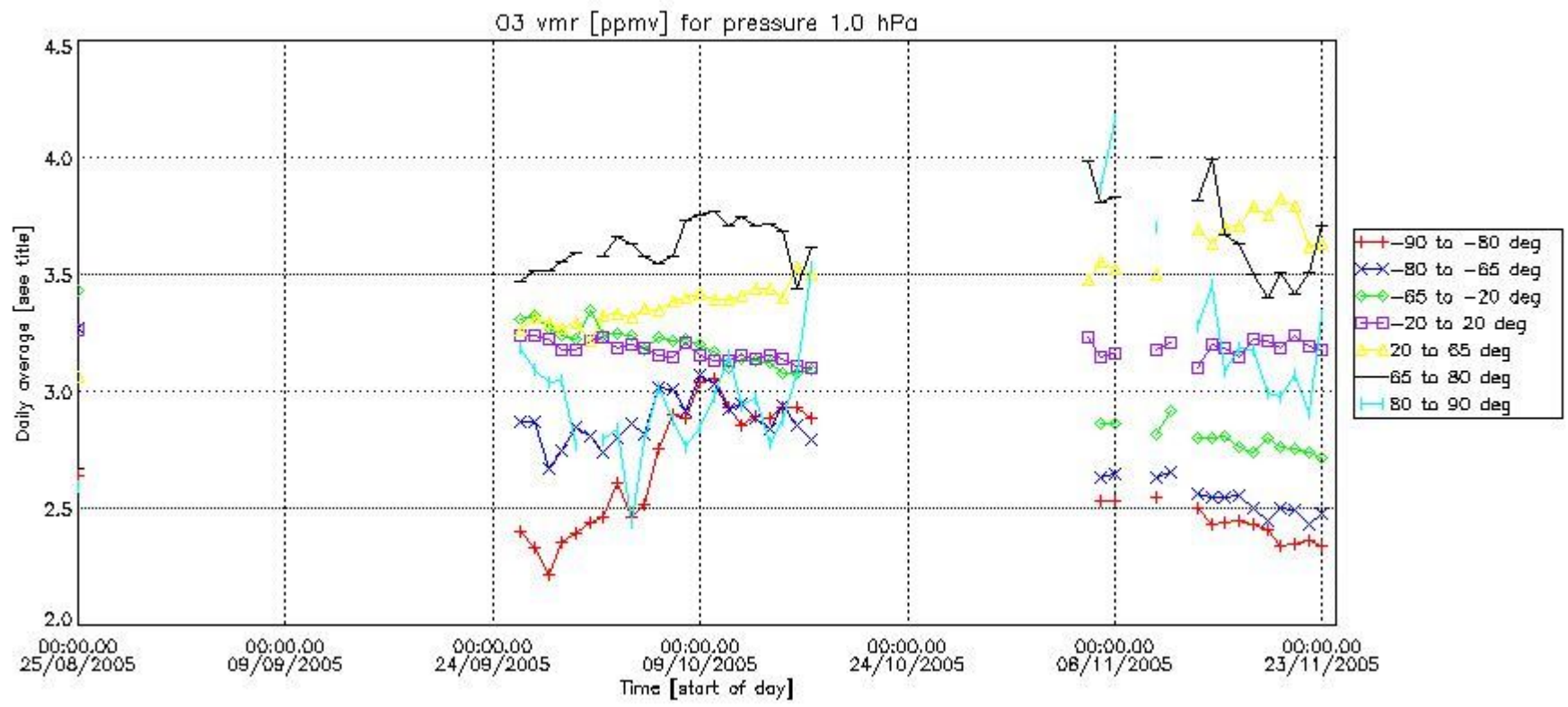


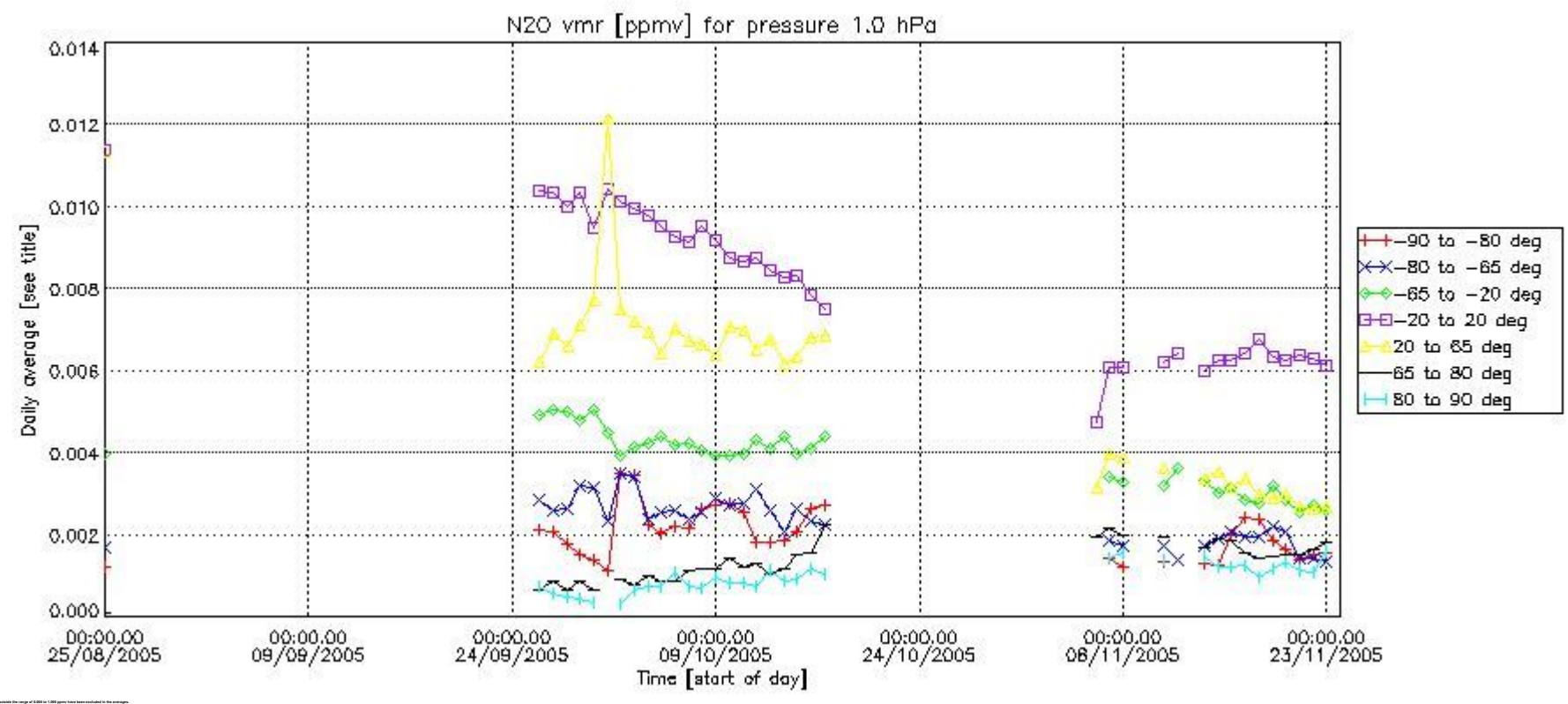
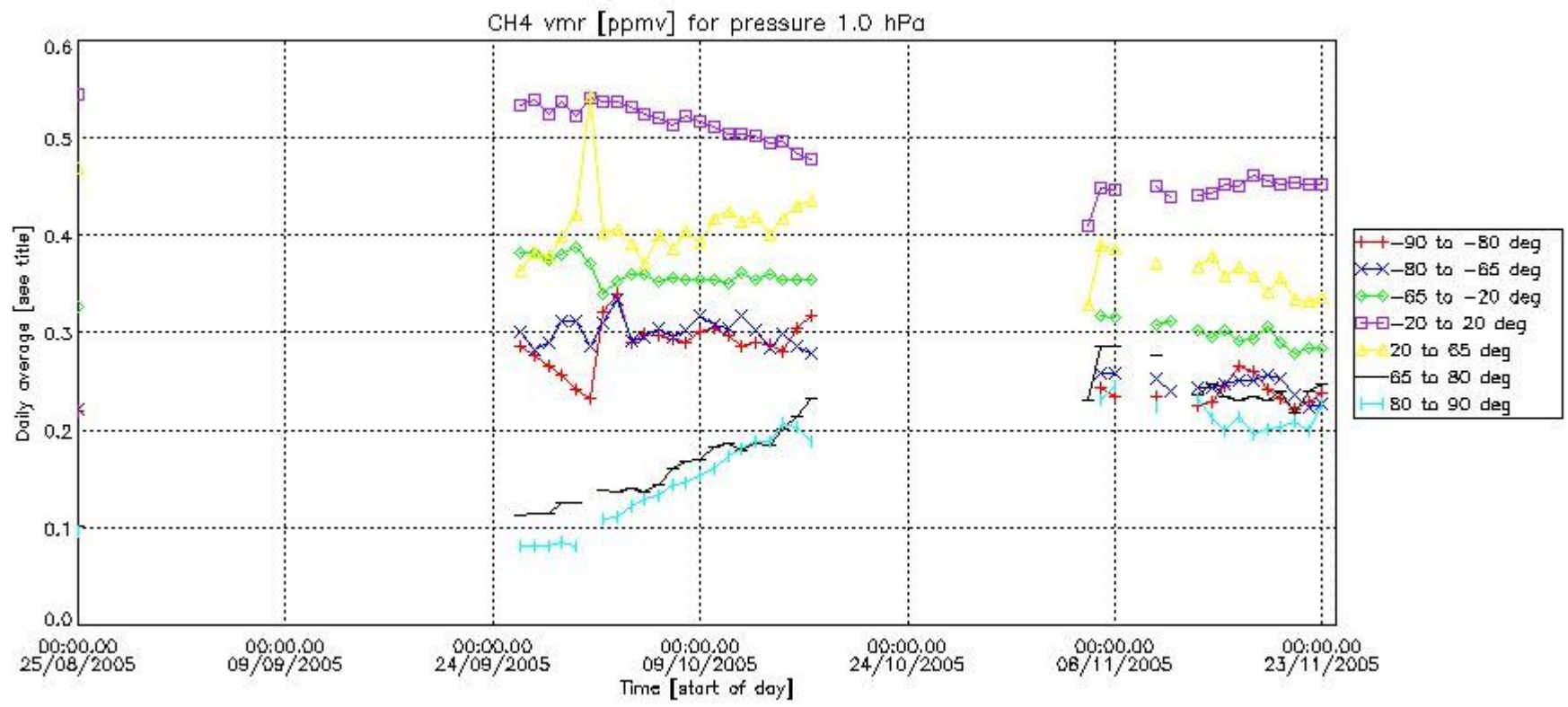


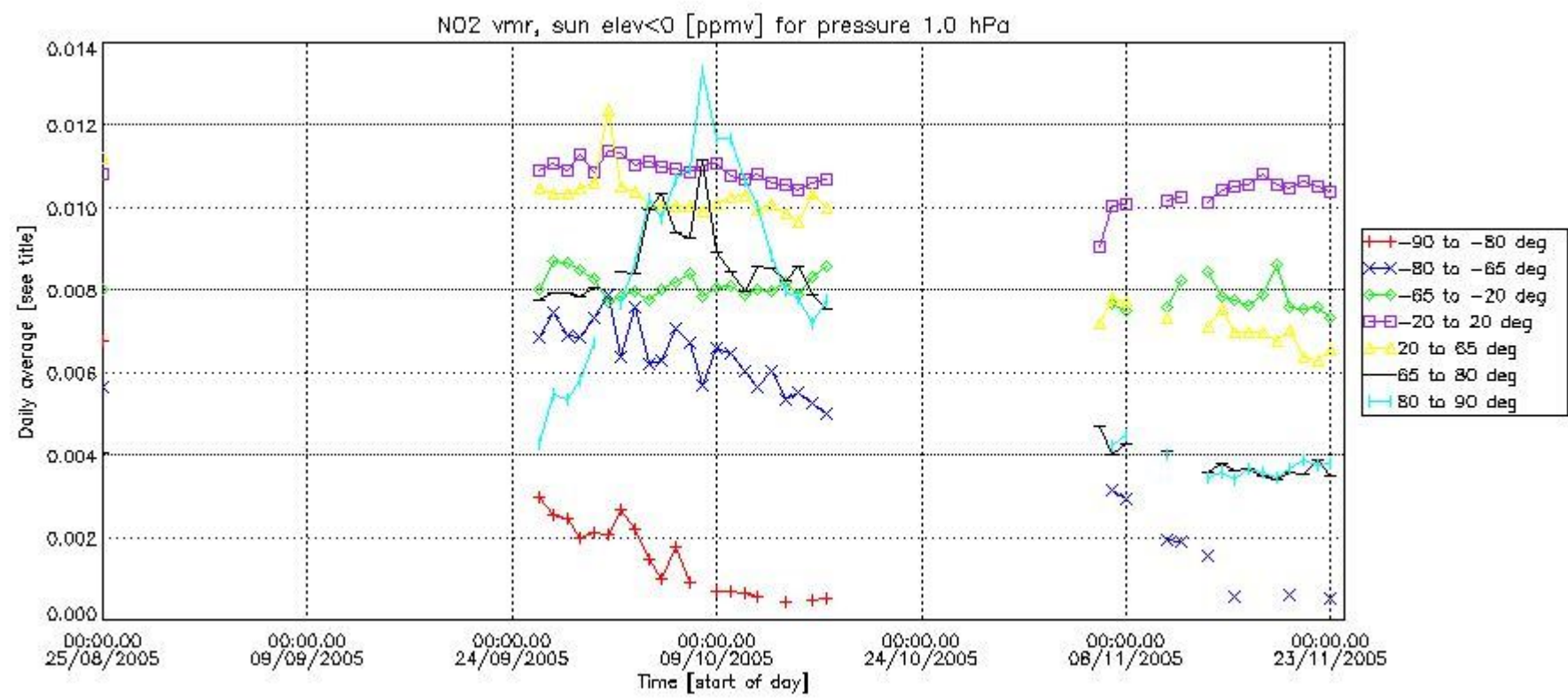
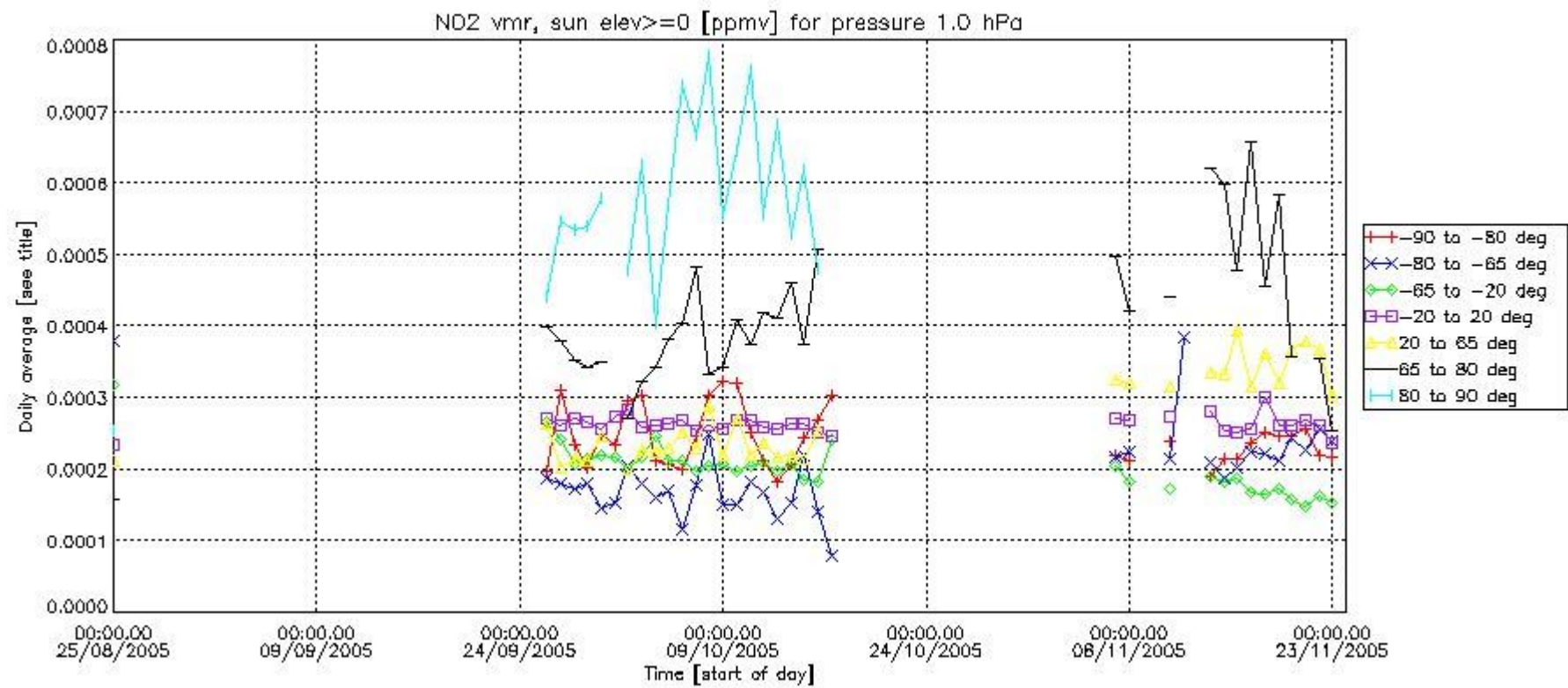


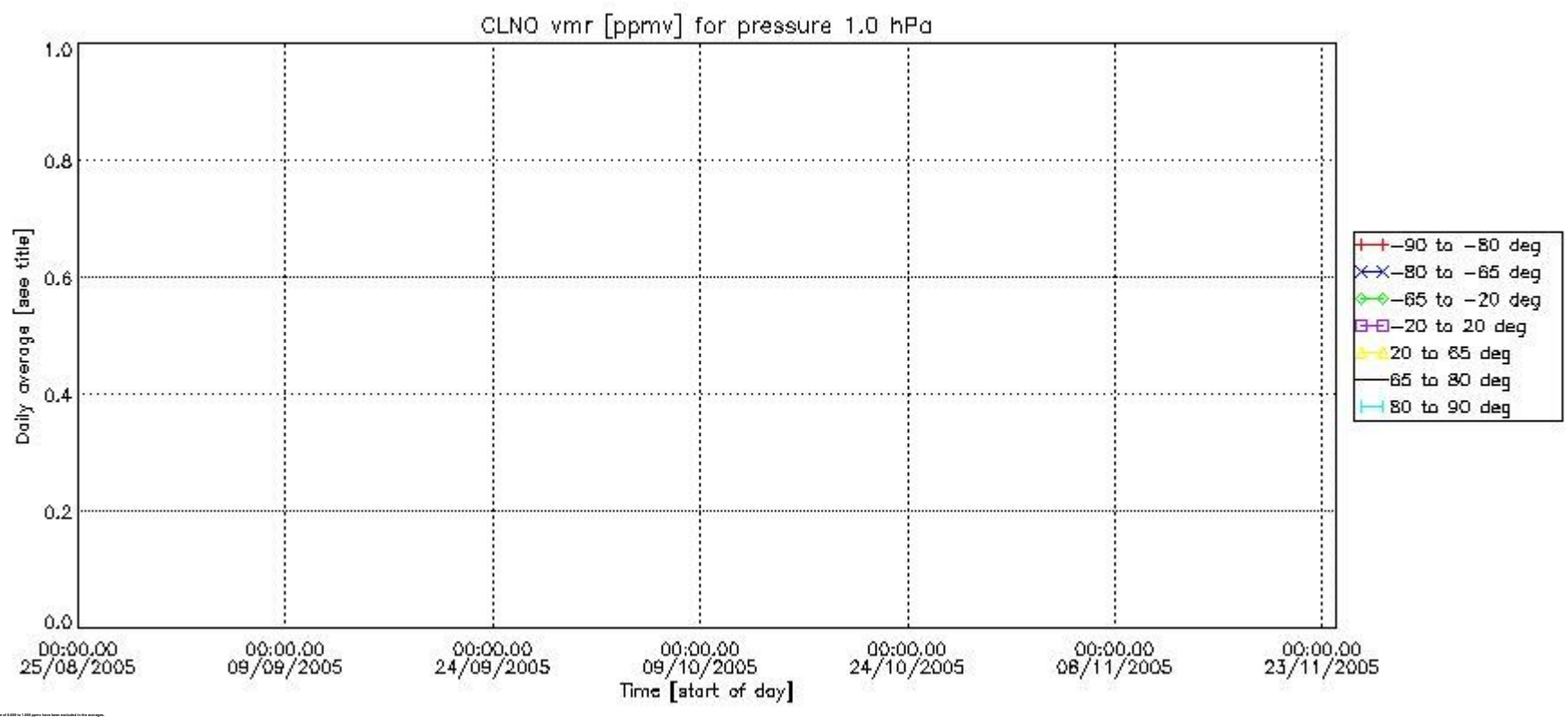
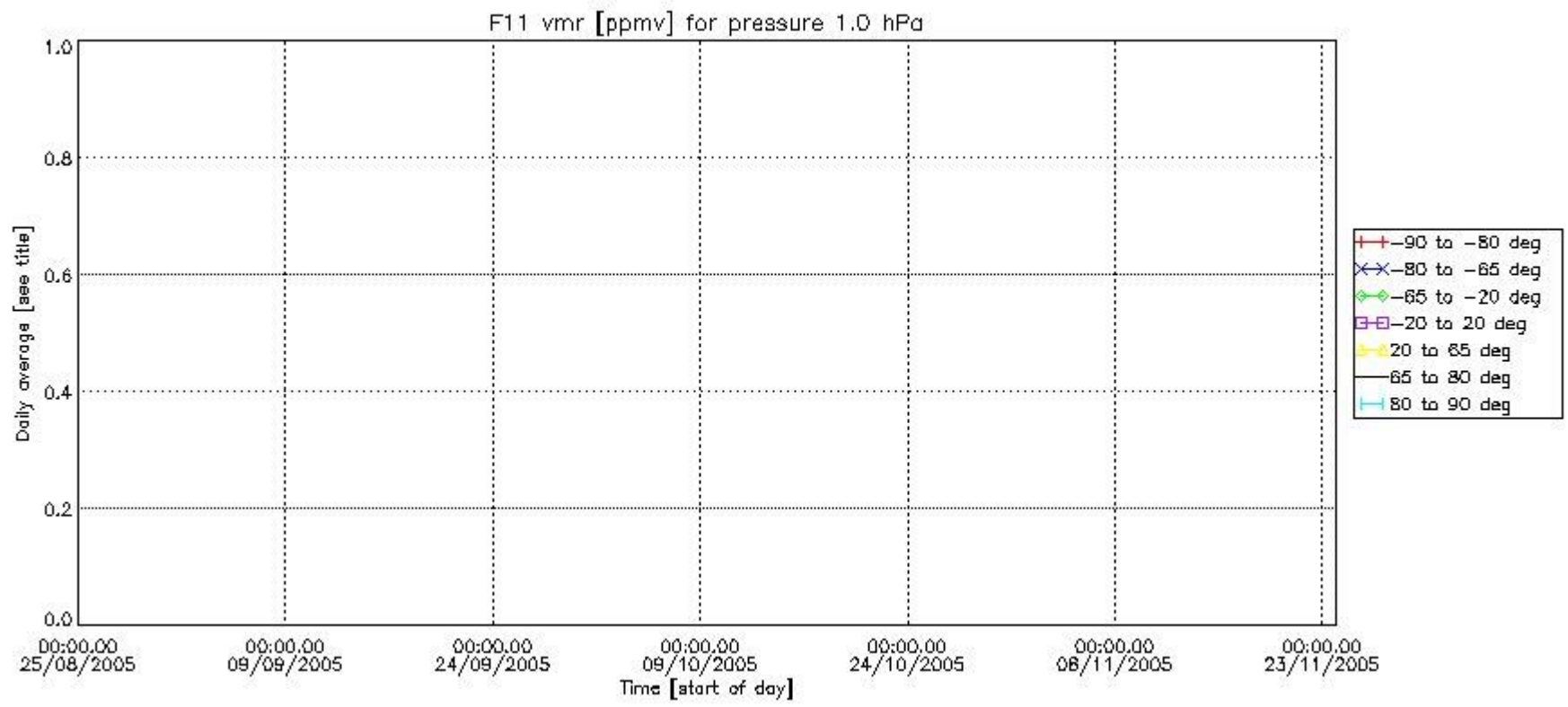


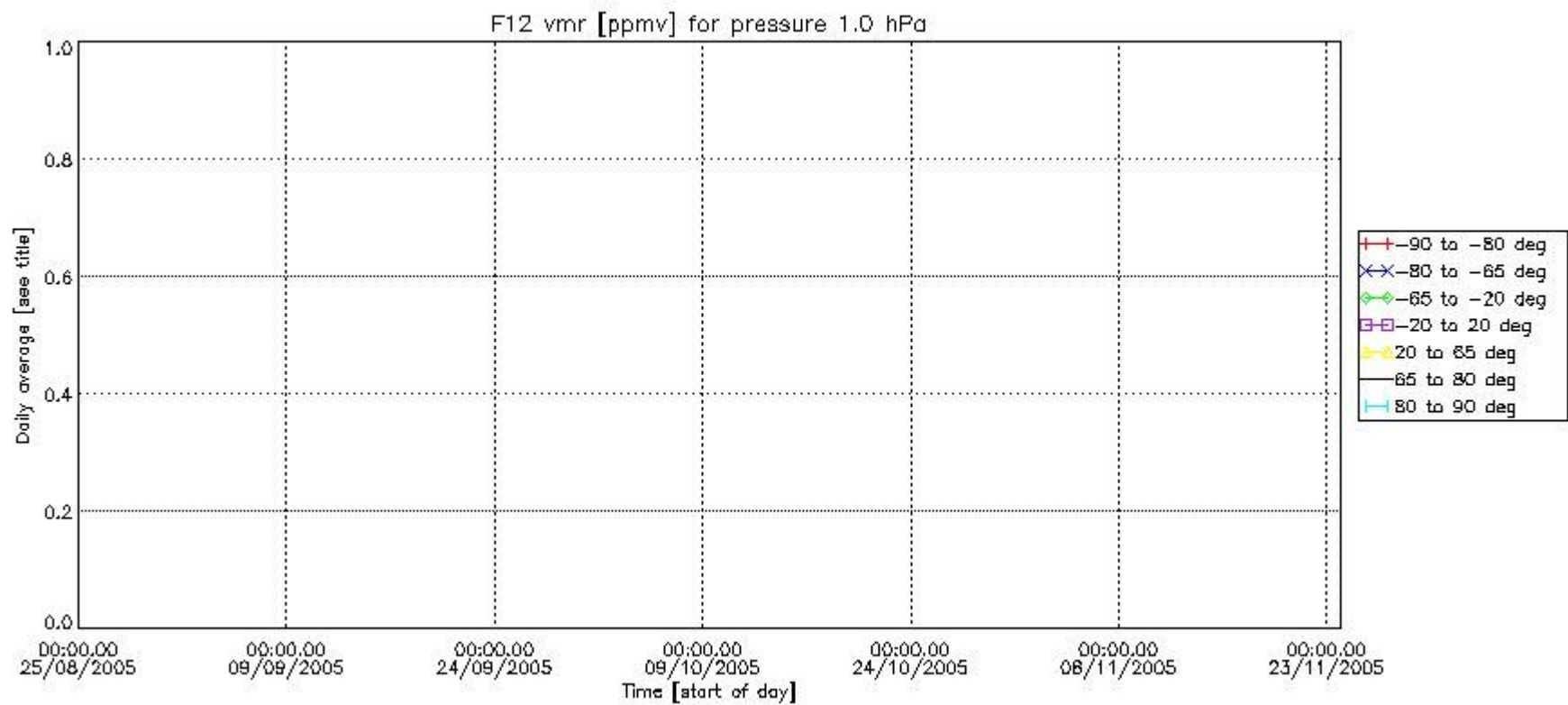
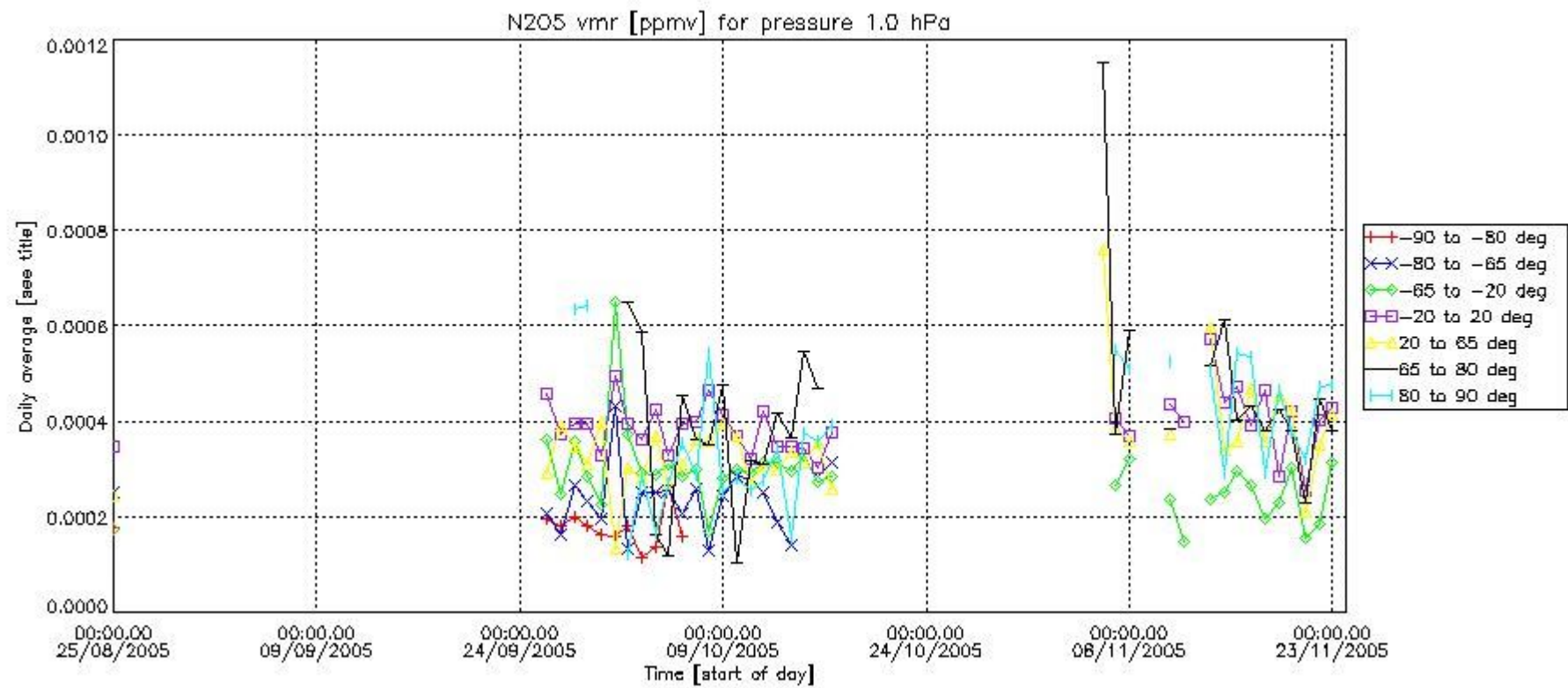


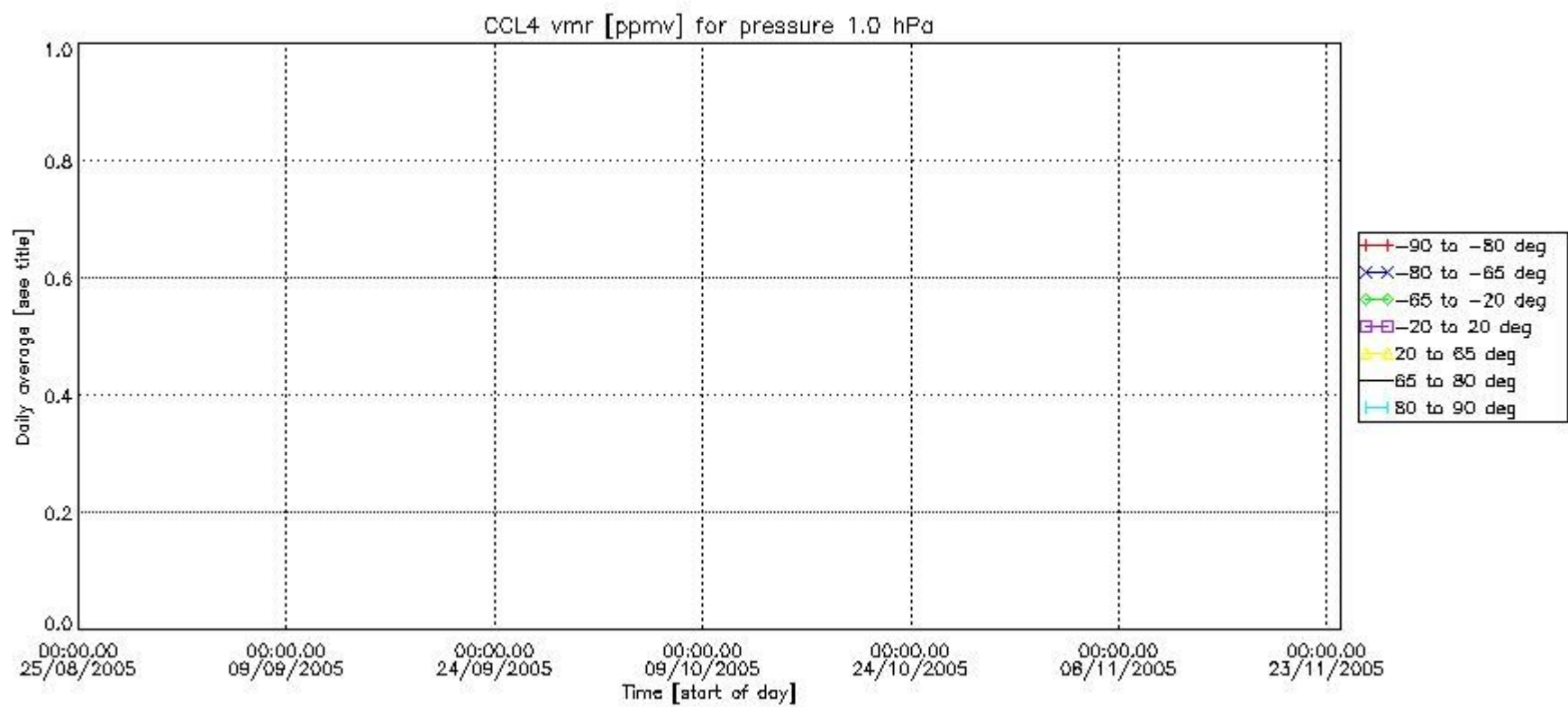
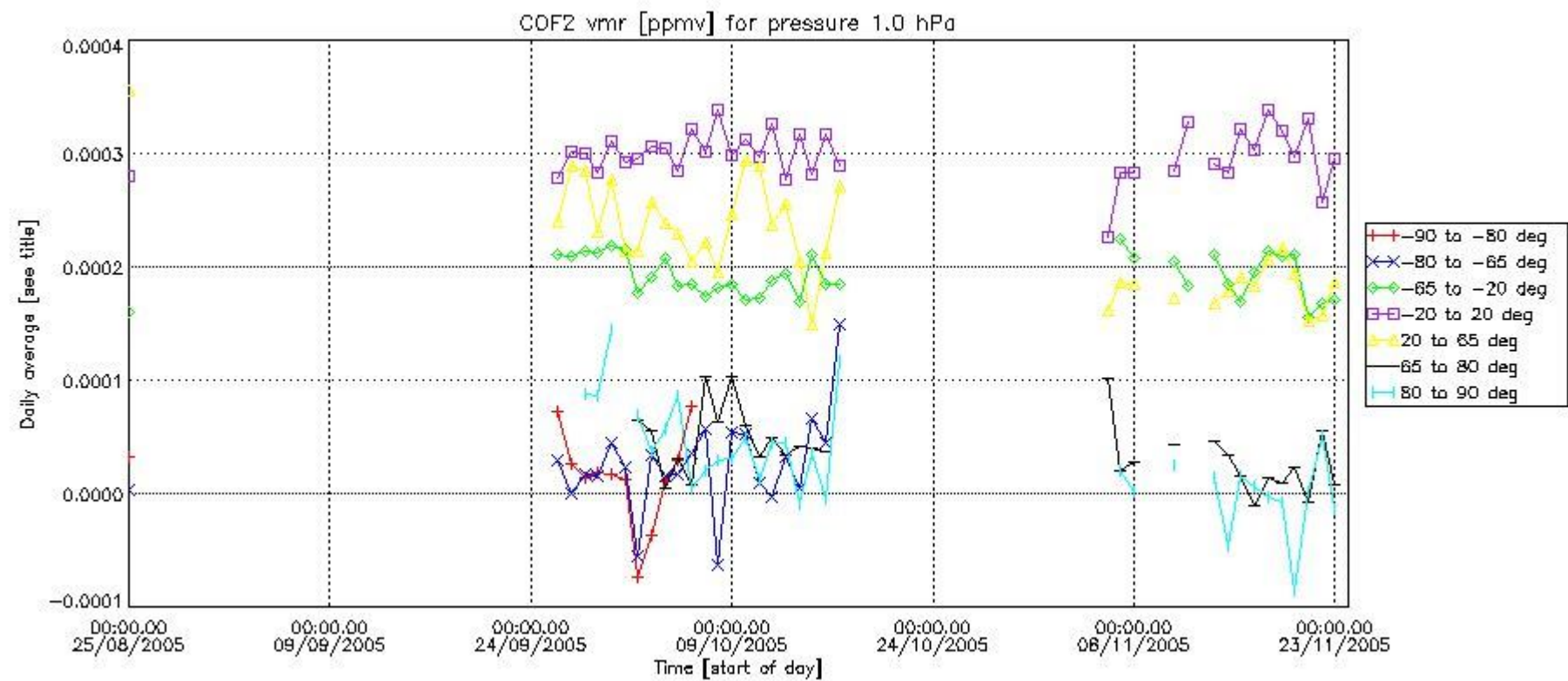


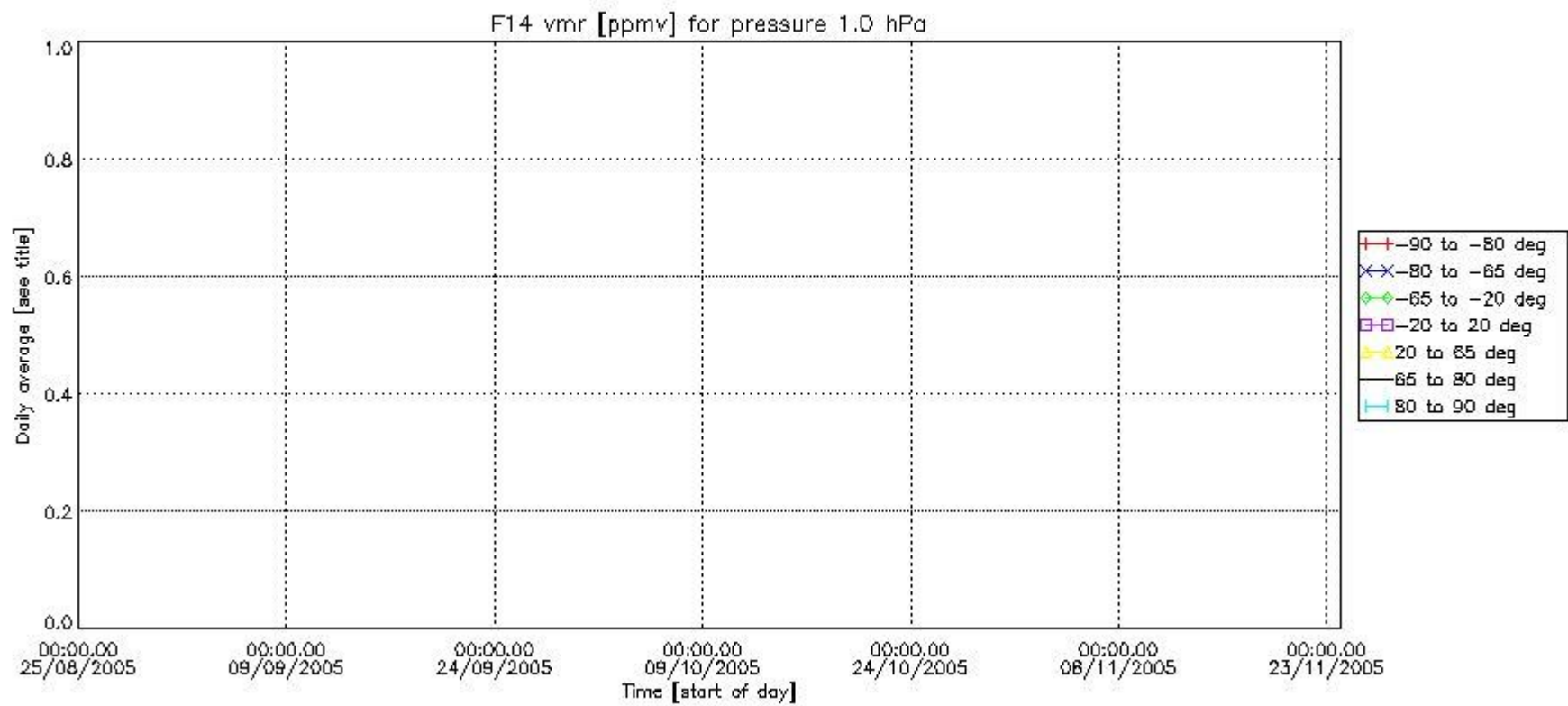
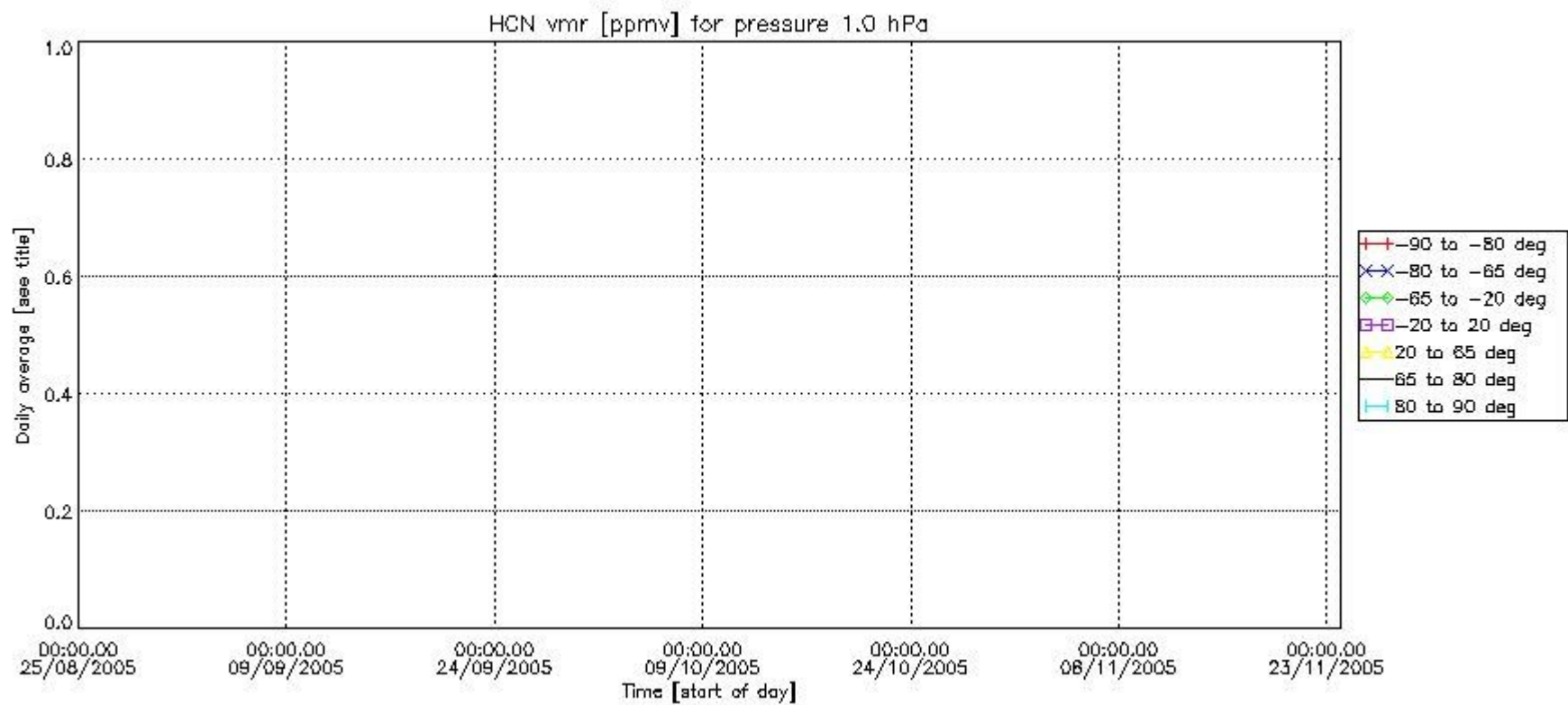


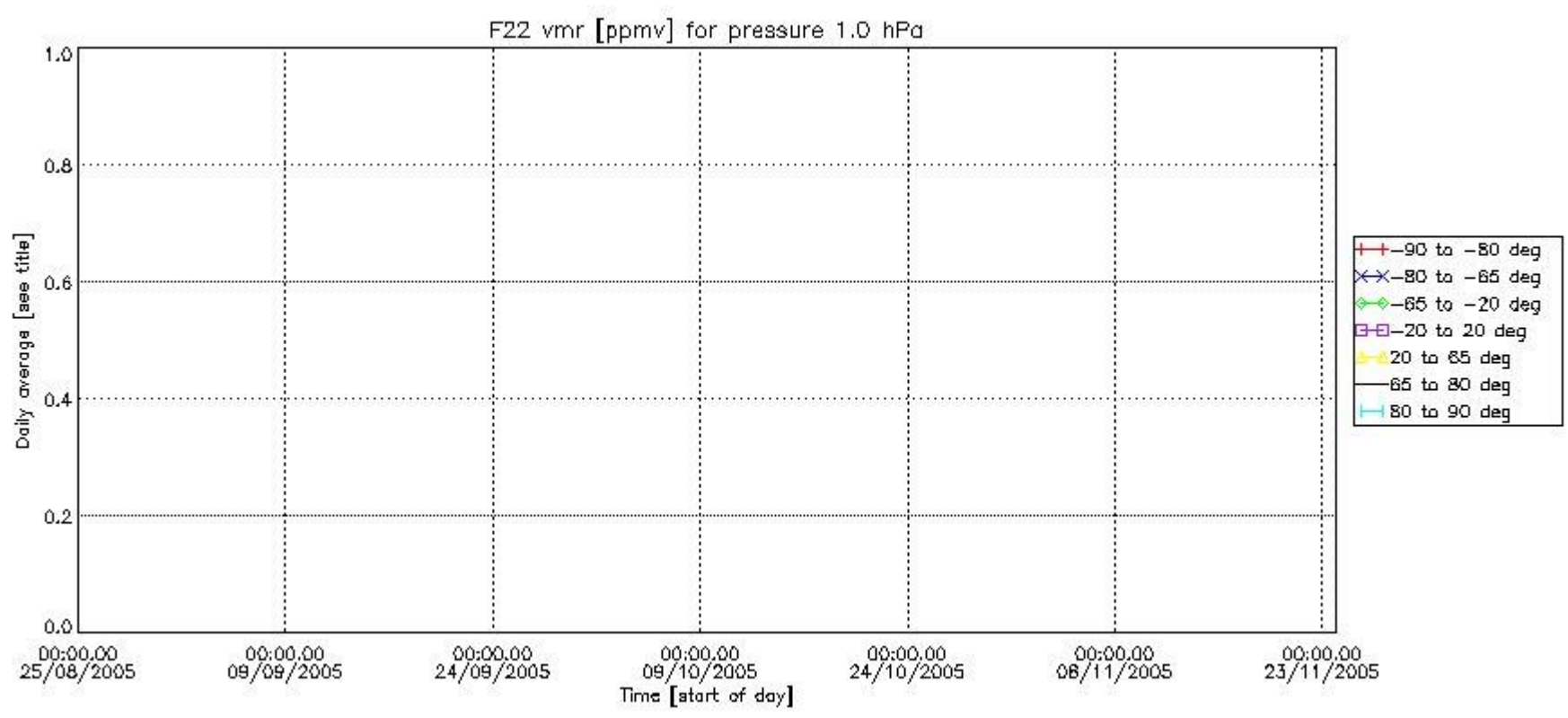












Number of successful retrievals vs. geolocation (*=day side , triangle=night side).

