

2. MIPAS Daily Report for level 2 products summary report

(See [mipas_daily_report_level2_ML2PP_7_03_W_20051202.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 17:18:39
Data source version	ML2PP/7.03-W
Processing scope for products	02DEC2005 00:00:00 to 03DEC2005 00:00:00
Start time of first product within scope	01DEC2005 23:50:09
Stop time of last product within scope	03DEC2005 00:50:35
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__2PWDSI20051201_235009_000057722043_00045_19638_1000.N1	01DEC2005 23:50:09	02DEC2005 01:26:21	0	127/127	VMR_TERM_MACRO_MICRO[F11/macro:10; HCN/macro:2; F22/macro:2; F22/micro:1]
1	MIP_NL__2PWDSI20051202_012711_000005202043_00046_19639_1000.N1	02DEC2005 01:27:11	02DEC2005 01:35:51	0	12/12	
2	MIP_NL__2PWDSI20051202_113419_000057822043_00052_19645_1000.N1	02DEC2005 11:34:19	02DEC2005 13:10:41	0	109/109	VMR_TERM_MACRO_MICRO[HCN/micro:2]
3	MIP_NL__2PWDSI20051202_131131_000004762043_00053_19646_1000.N1	02DEC2005 13:11:31	02DEC2005 13:19:28	0	11/11	
4	MIP_NL__2PWDSI20051202_231832_000055232043_00059_19652_1000.N1	02DEC2005 23:18:32	03DEC2005 00:50:35	0	122/122	VMR_TERM_MACRO_MICRO[HCN/micro:2]

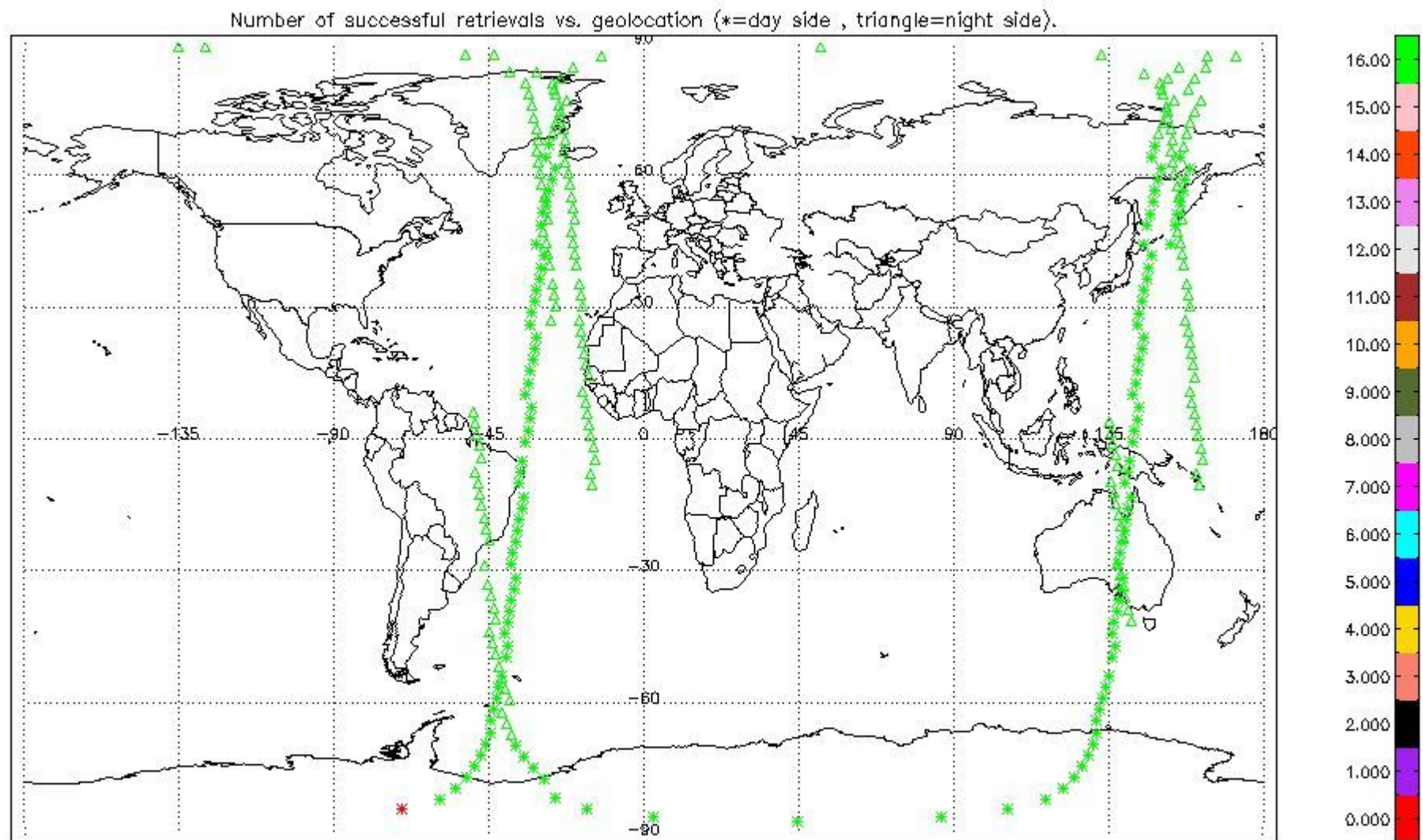
2.2 Processing performance indicators

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.

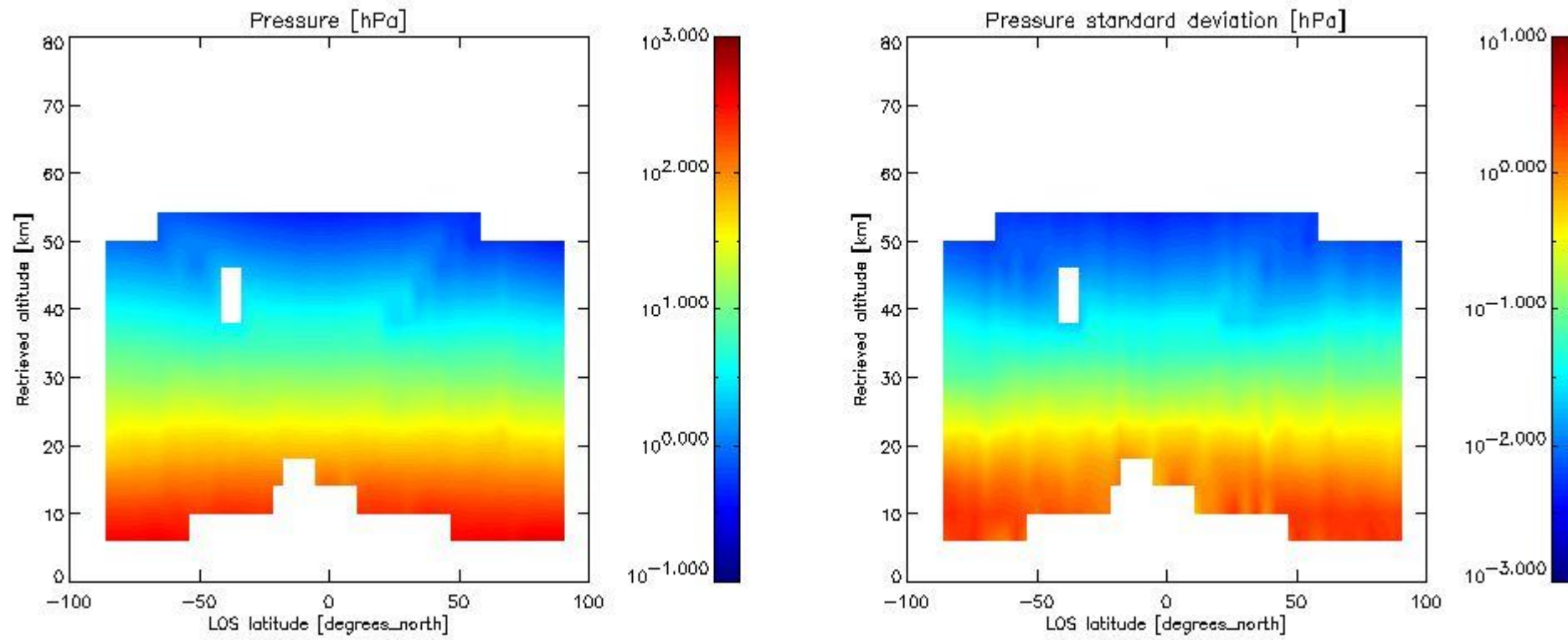
RETRIEVAL MDS	# scans processed	# Successful retrievals	%
PT	381	299	78.478
H2O	381	299	78.478
O3	381	299	78.478
HNO3	381	299	78.478
CH4	381	299	78.478

N2O	381	299	78.478
NO2	381	299	78.478
F11	381	299	78.478
CLNO	381	299	78.478
N2O5	381	299	78.478
F12	381	299	78.478
COF2	381	299	78.478
CCL4	381	299	78.478
HCN	381	299	78.478
F14	381	299	78.478
F22	381	299	78.478



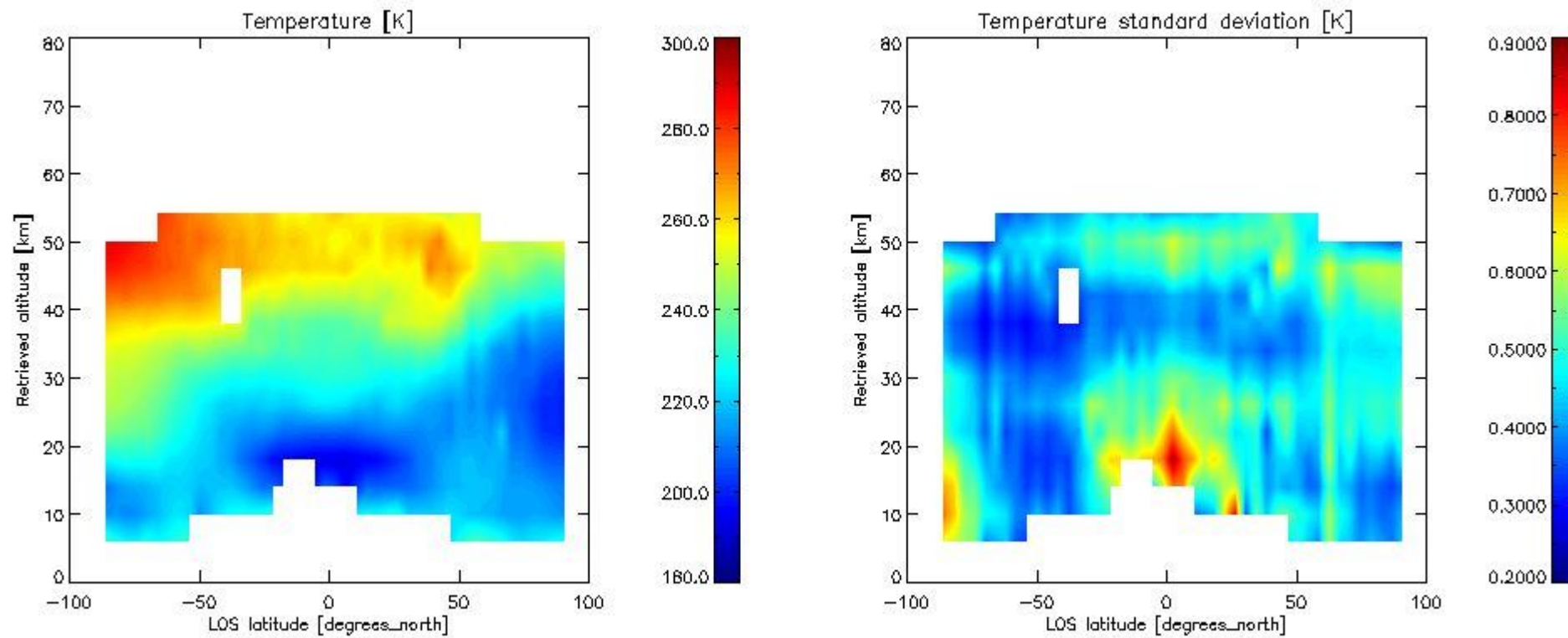
2.2.2 Pressure overview

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



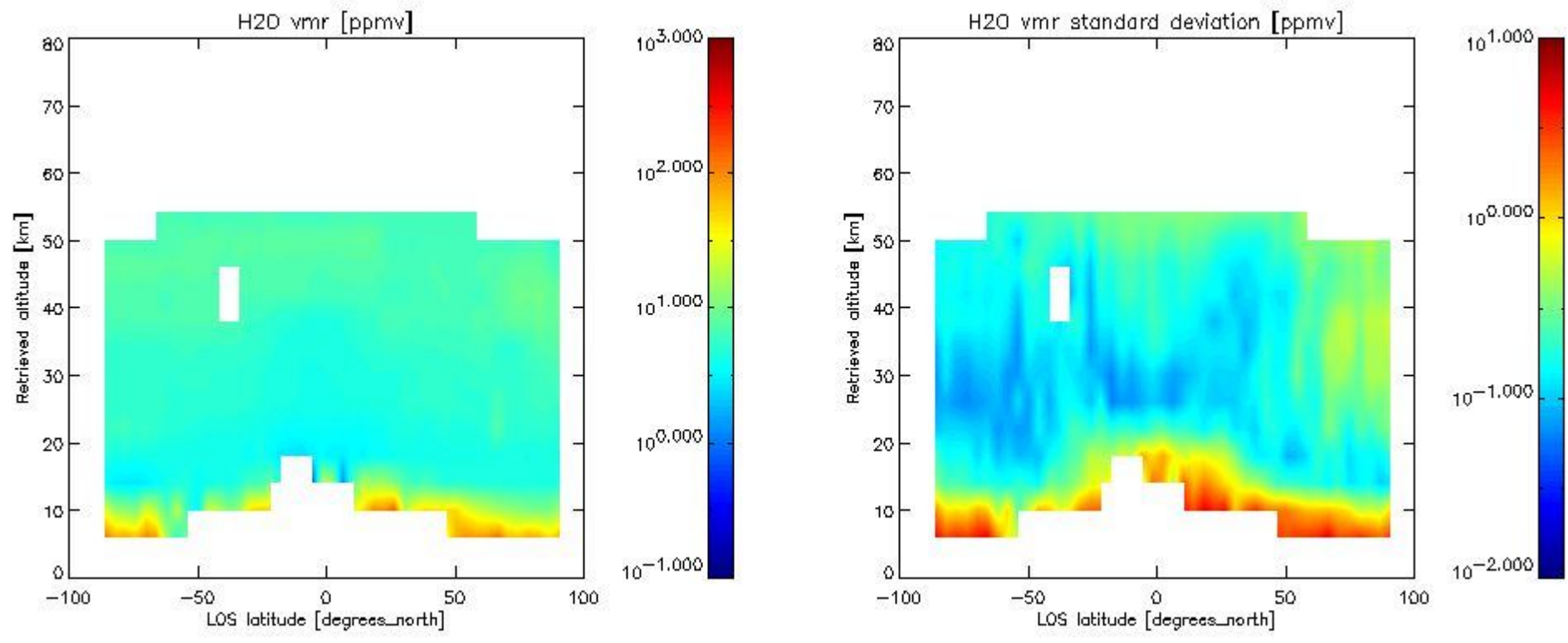
2.2.3 Temperature overview

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

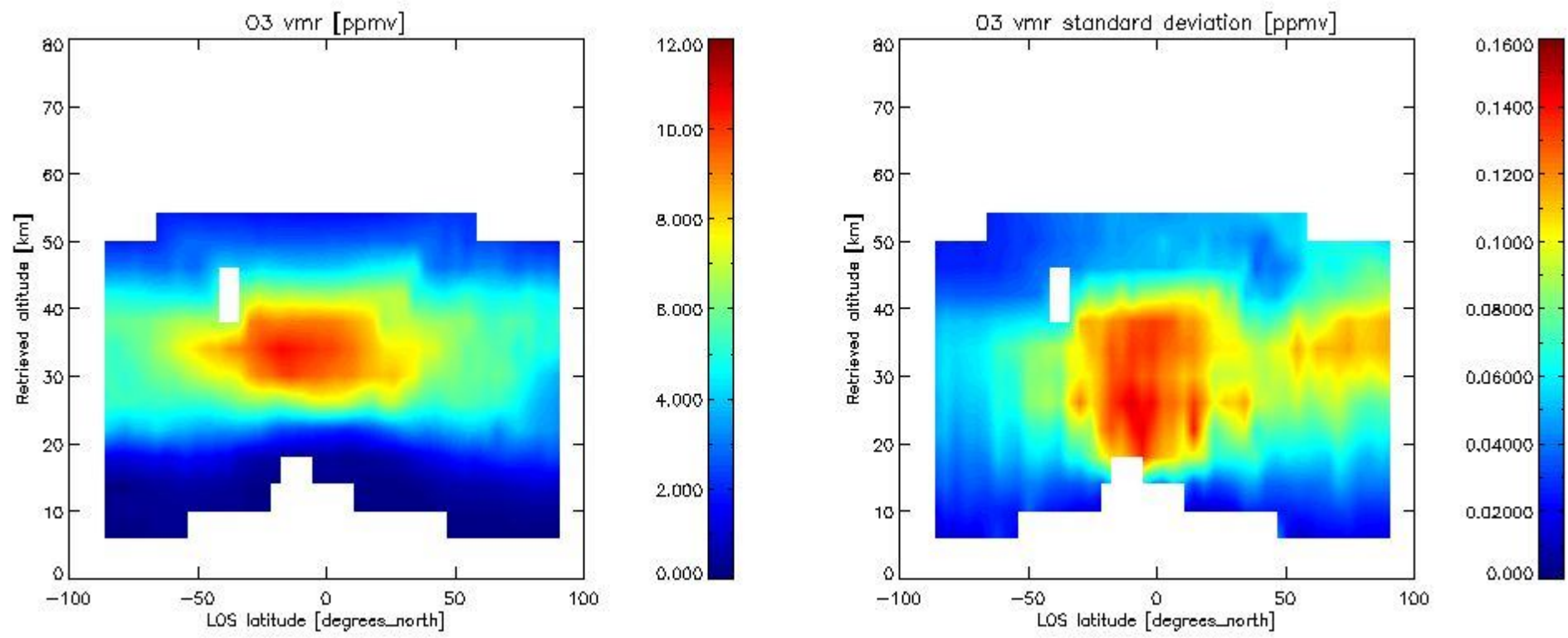


2.2.4 Species overview

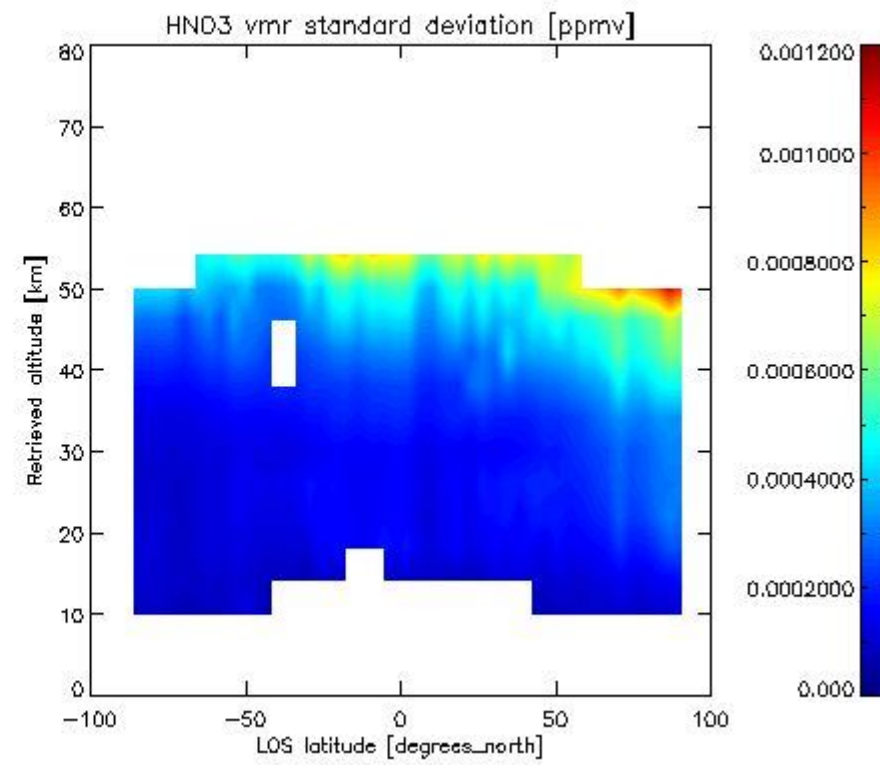
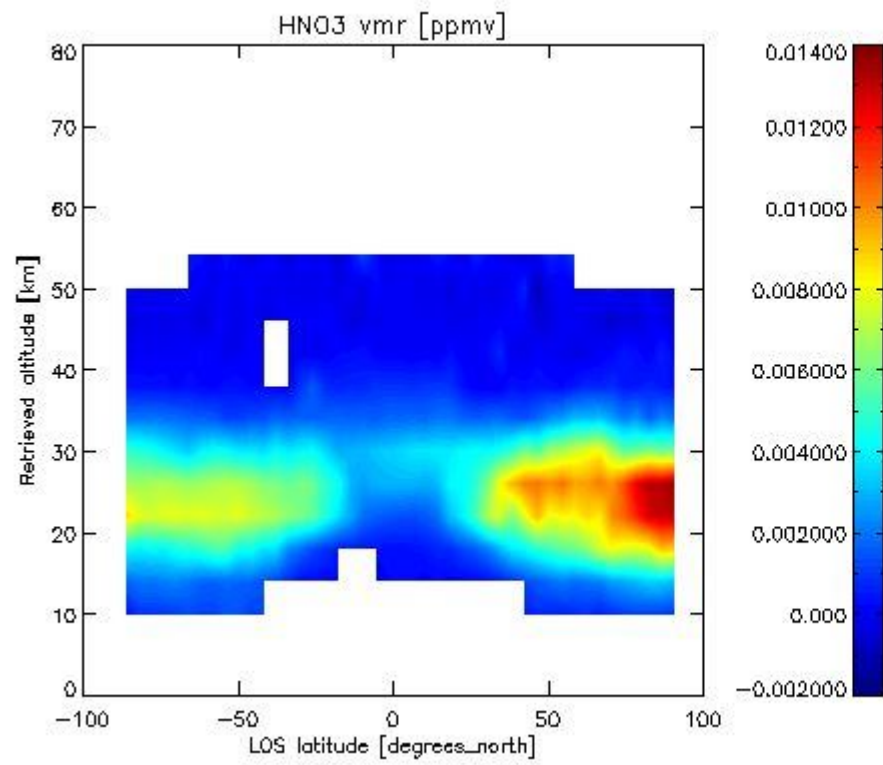
2.2.4.1 H₂O overview This section shows values (left) and error (right) for H₂O after binning individual sweep values over retrieved altitude and tangent latitude.



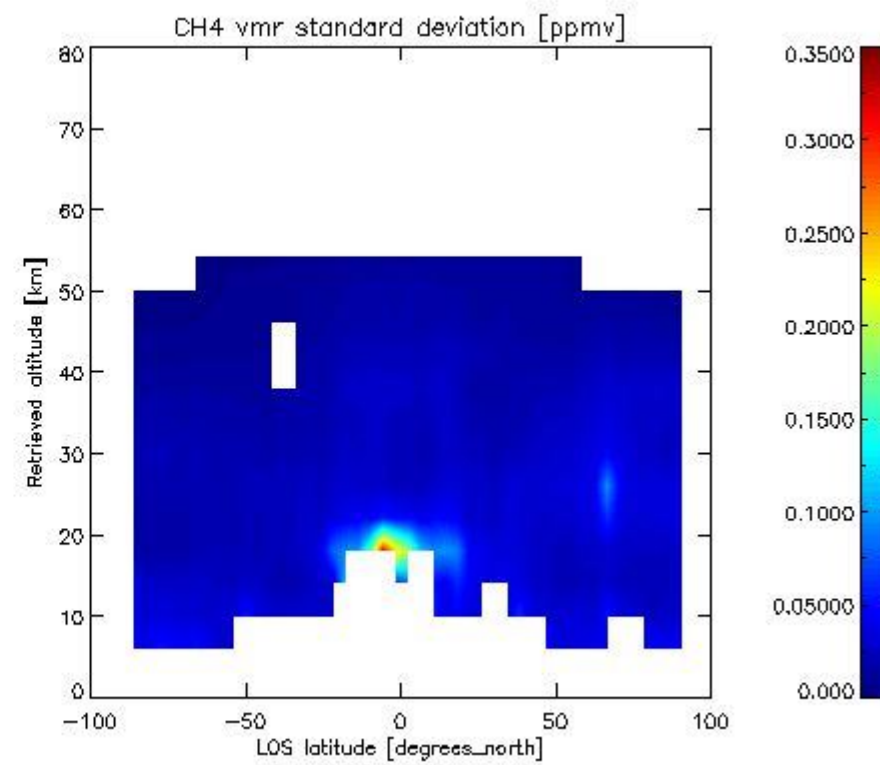
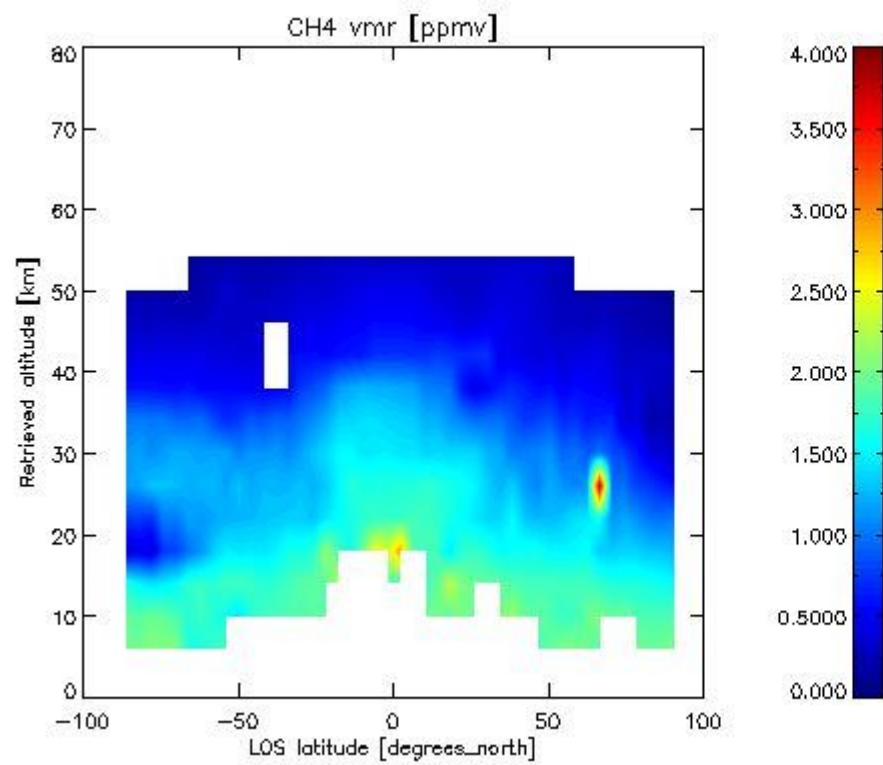
2.2.4.2 O3 overview This section shows values (left) and error (right) for O3 after binning individual sweep values over retrieved altitude and tangent latitude.



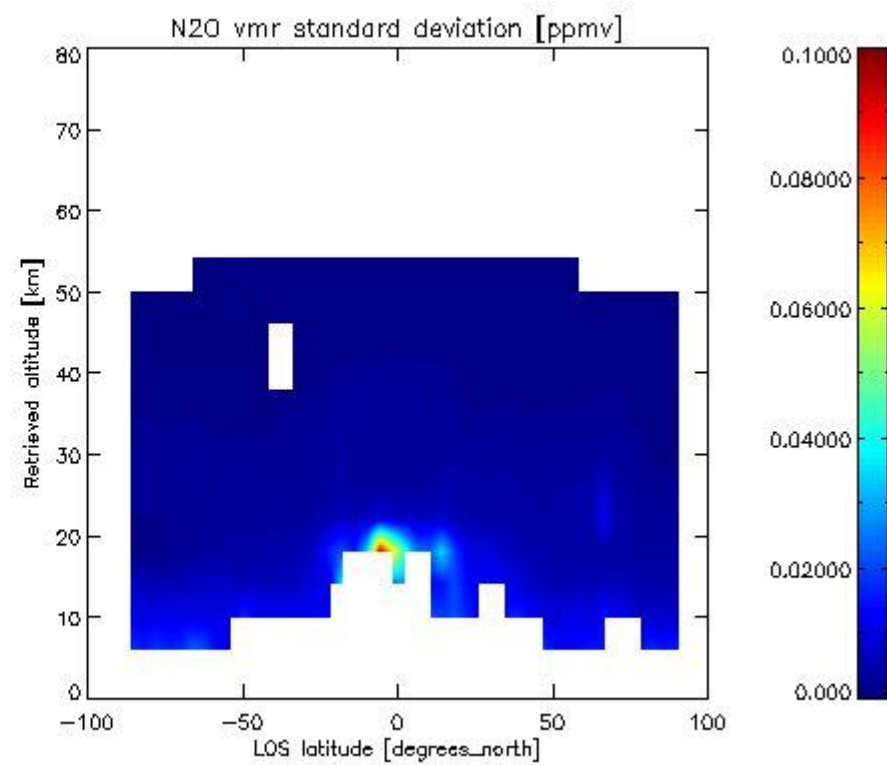
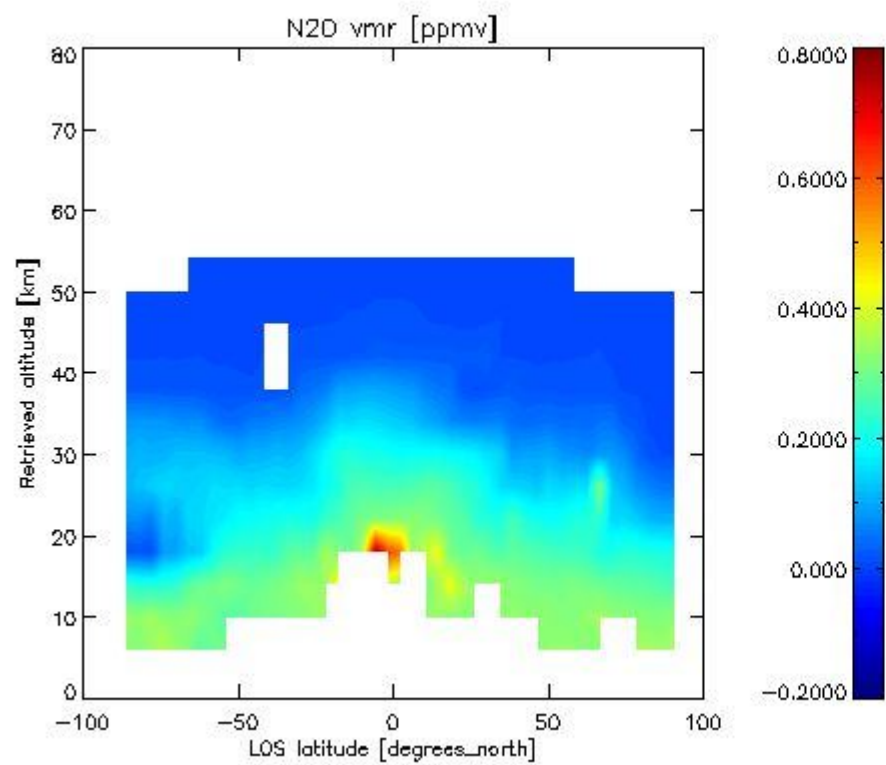
2.2.4.3 HNO3 overview This section shows values (left) and error (right) for HNO3 after binning individual sweep values over retrieved altitude and tangent latitude.



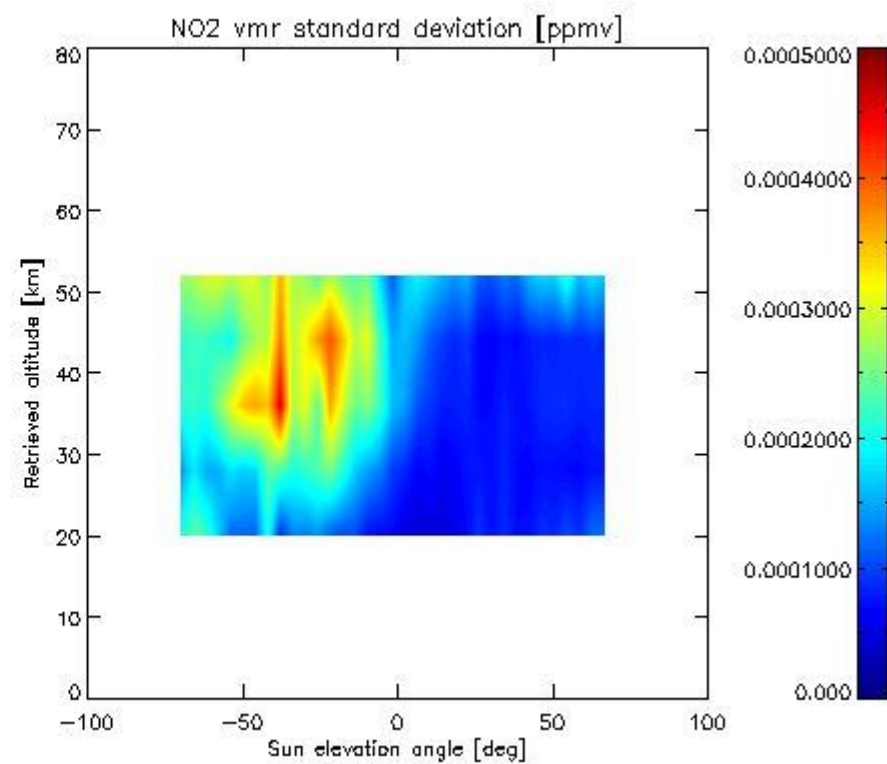
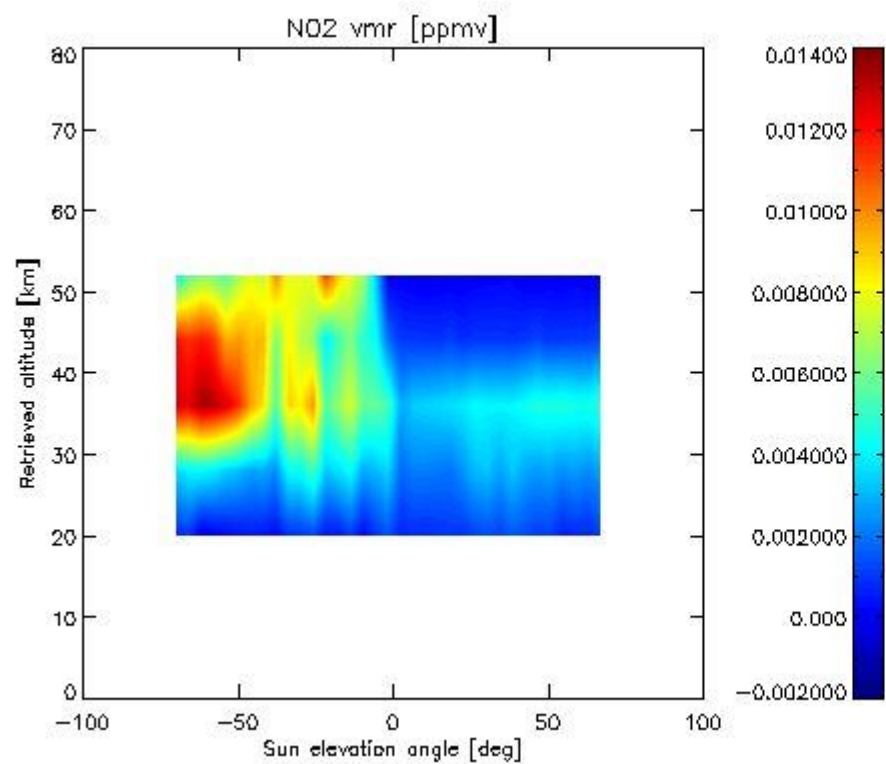
2.2.4.4 CH₄ overview This section shows values (left) and error (right) for CH₄ after binning individual sweep values over retrieved altitude and tangent latitude.



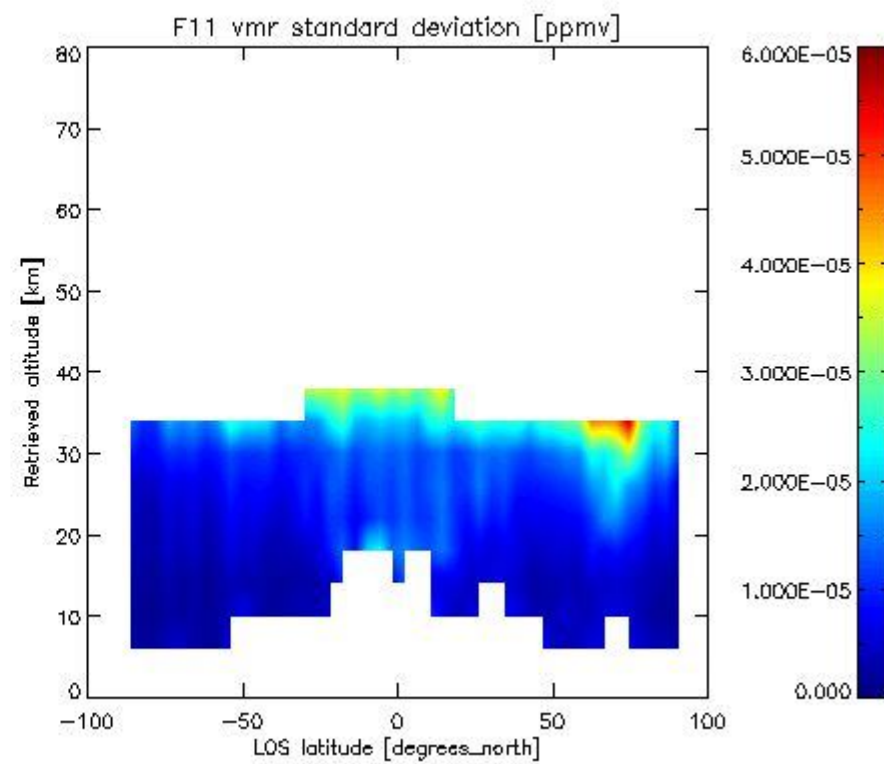
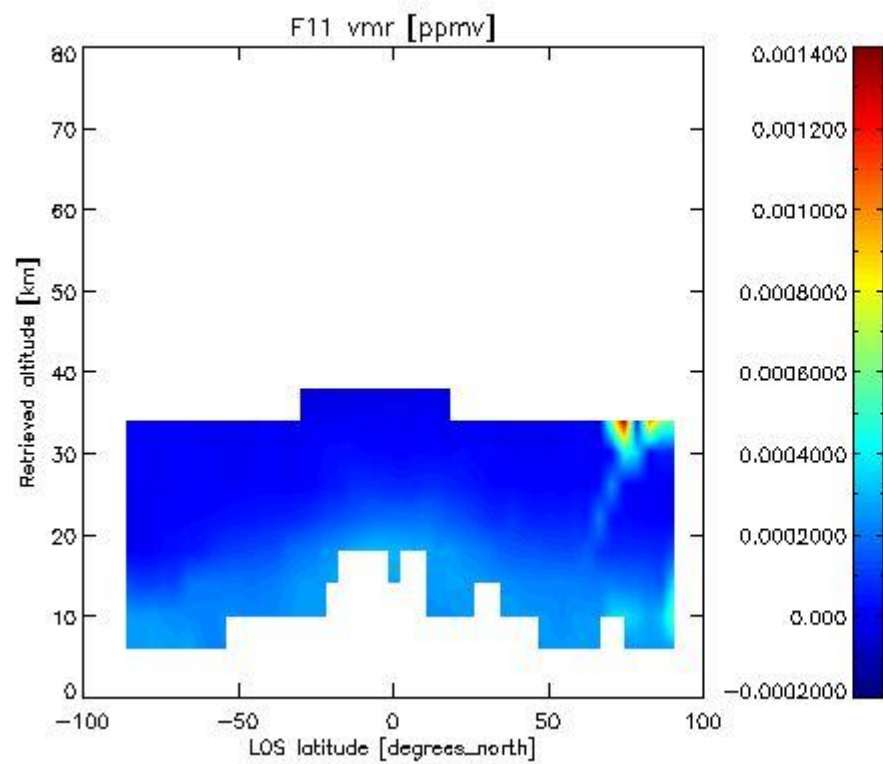
2.2.4.5 N₂O overview This section shows values (left) and error (right) for N₂O after binning individual sweep values over retrieved altitude and tangent latitude.



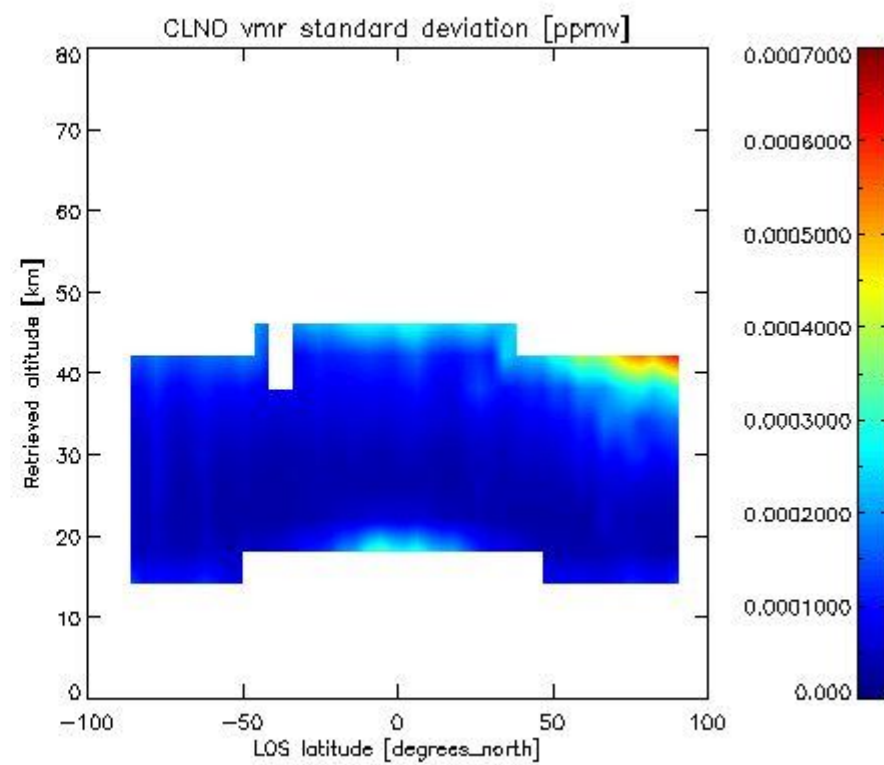
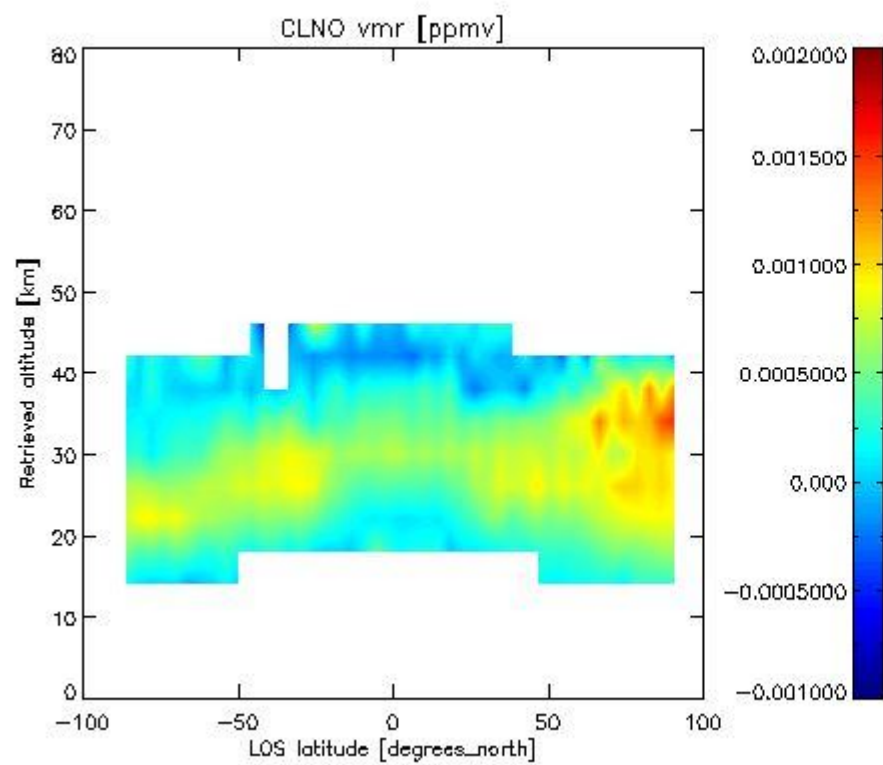
2.2.4.6 NO₂ overview This section shows values (left) and error (right) for NO₂ after binning individual sweep values over retrieved altitude and Sun Elevation Angle. Note that for NO₂ the bin heights are 6 km.

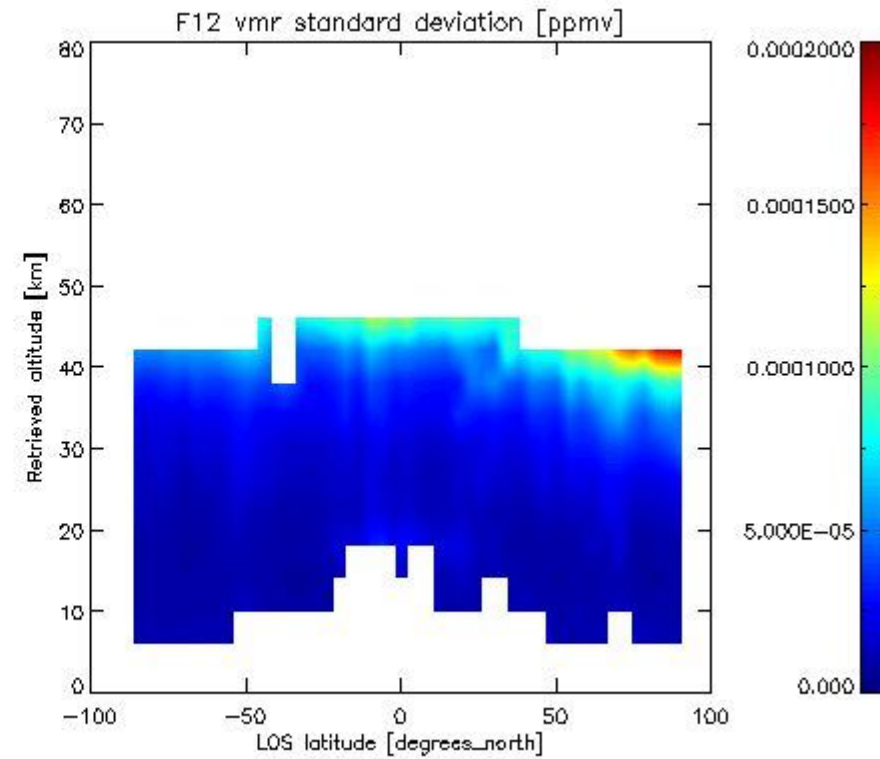
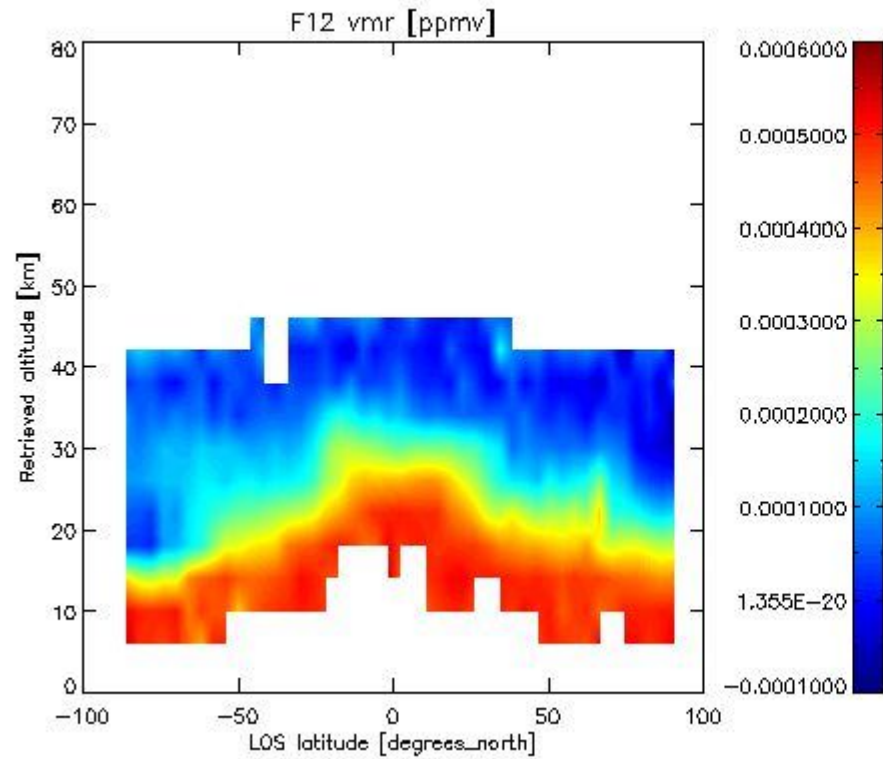
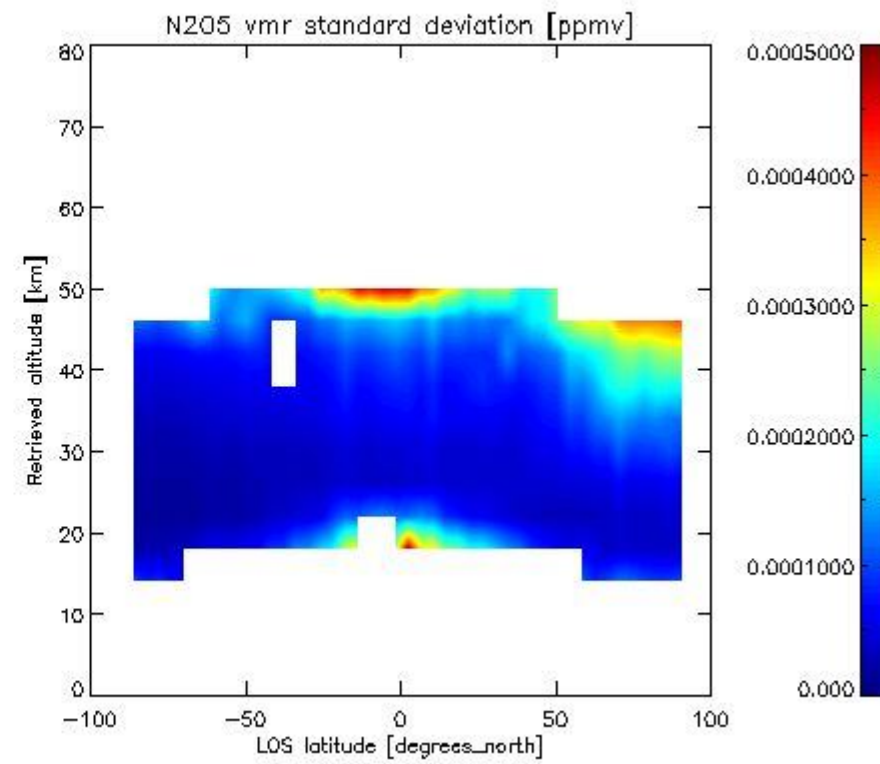
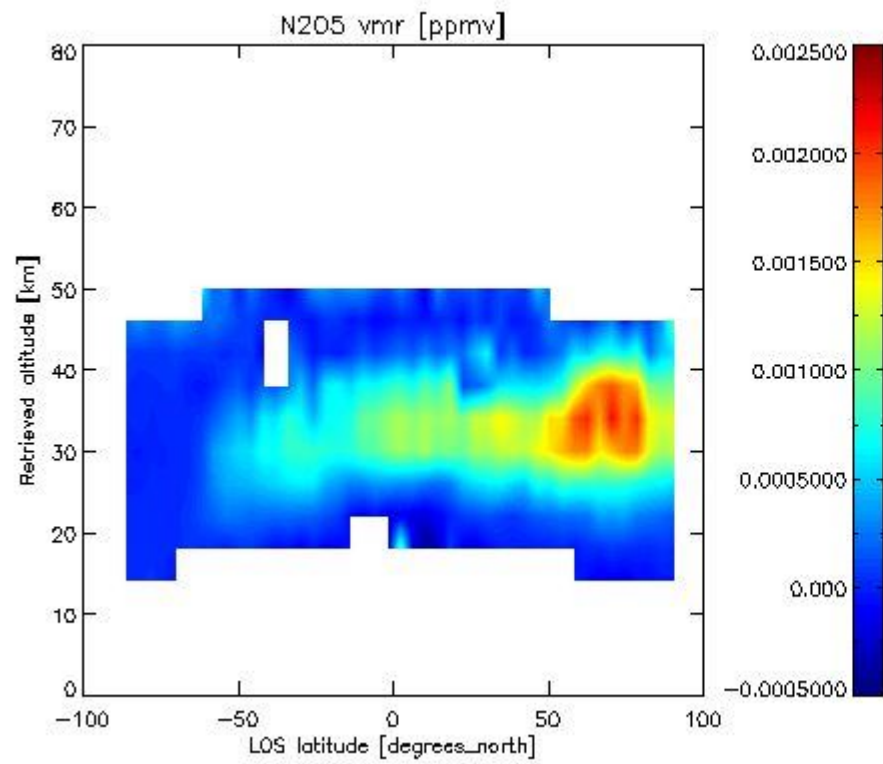


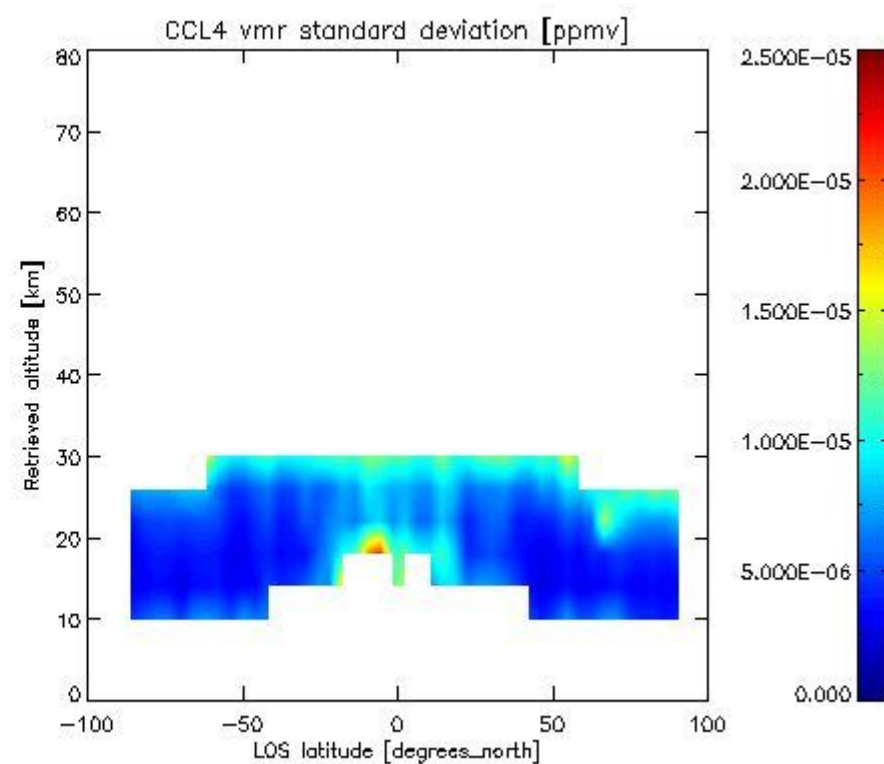
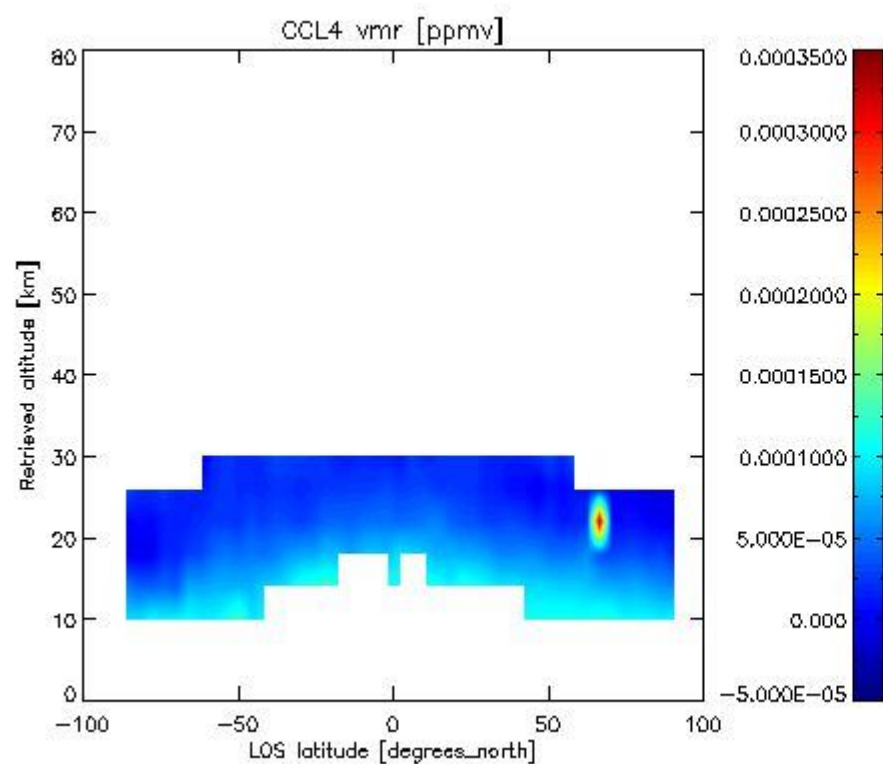
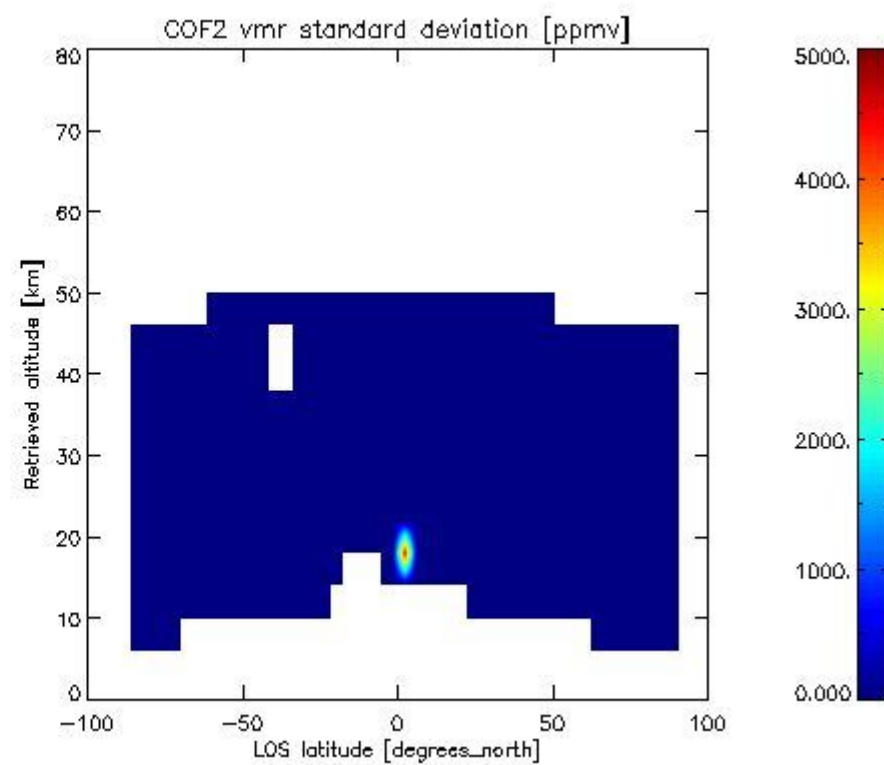
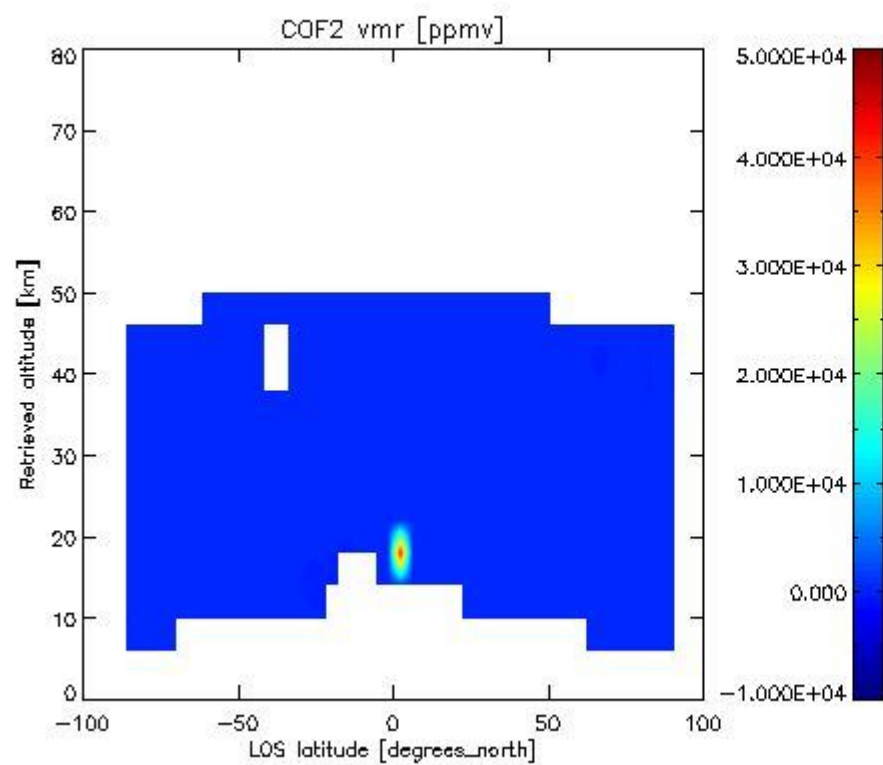
2.2.4.7 F11 overview This section shows values (left) and error (right) for F11 after binning individual sweep values over retrieved altitude and tangent latitude.

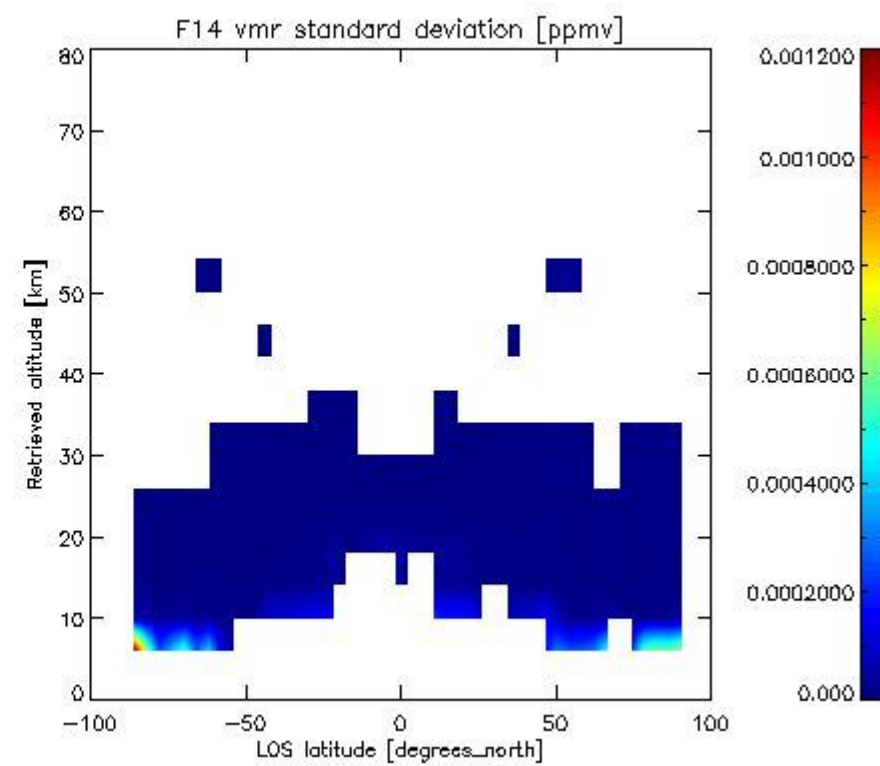
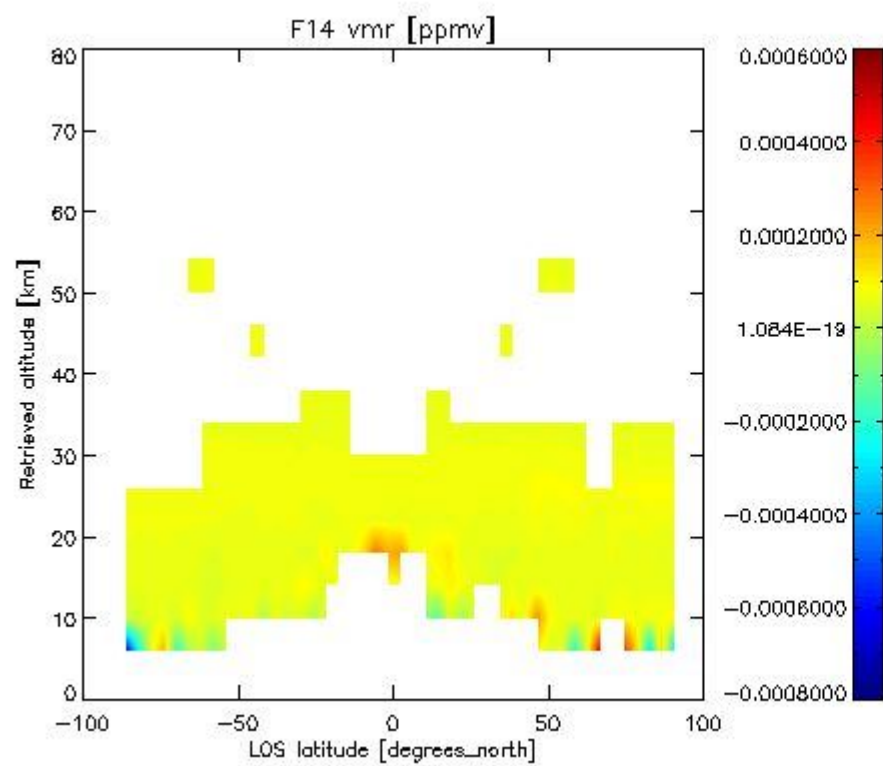
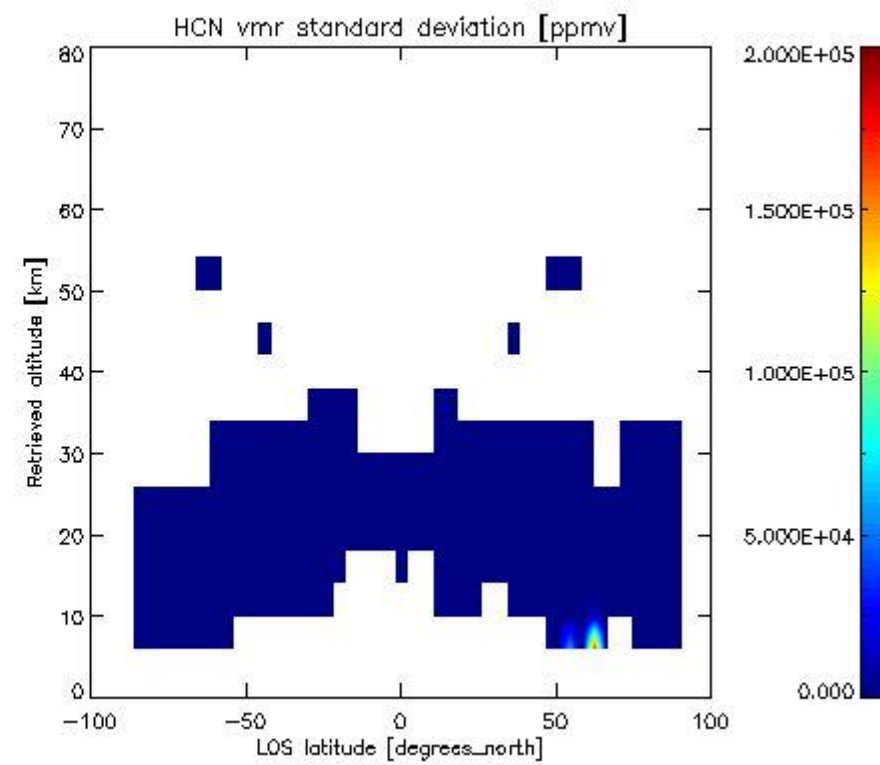
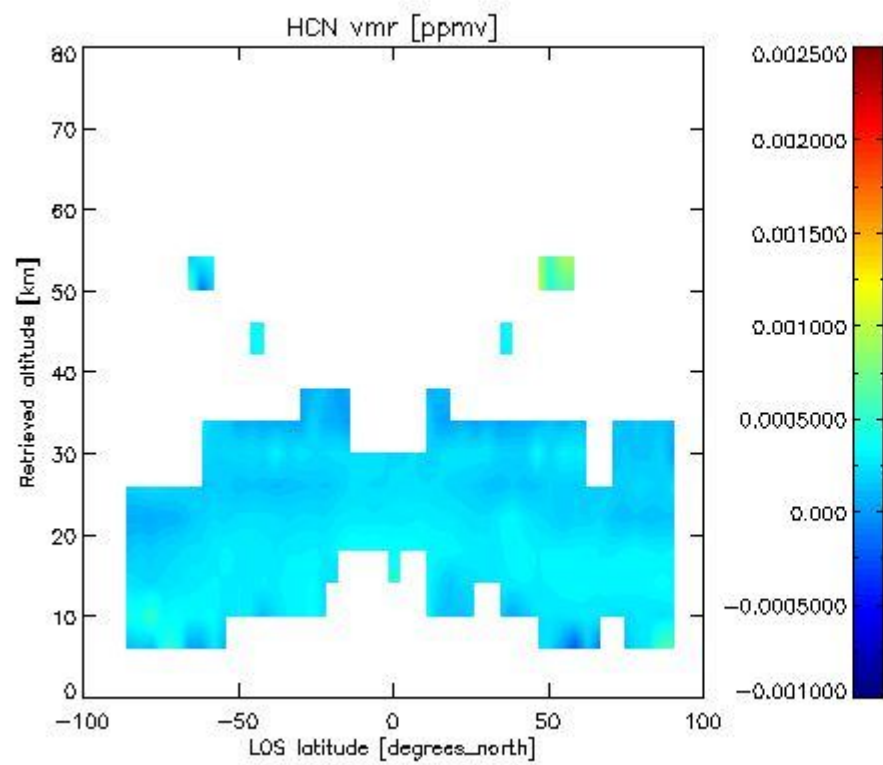


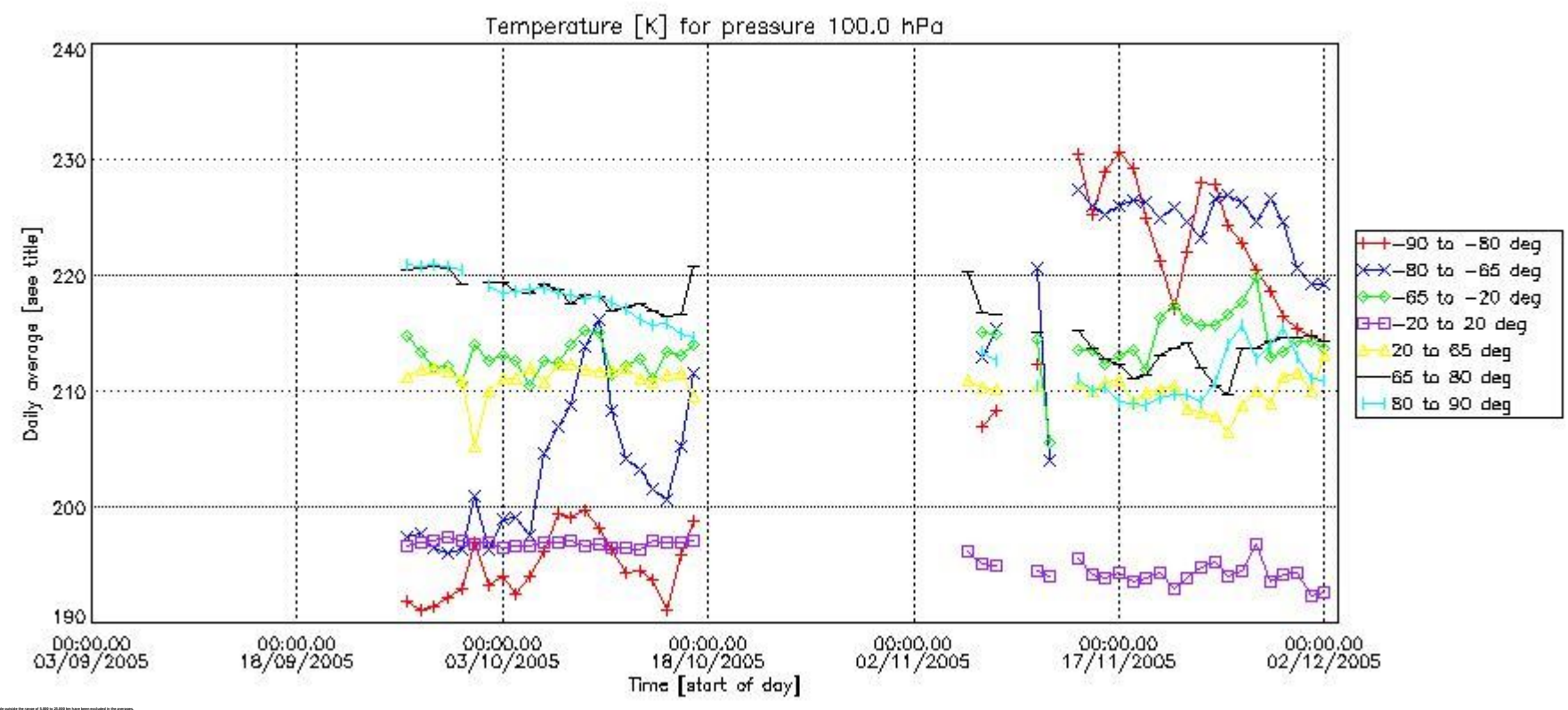
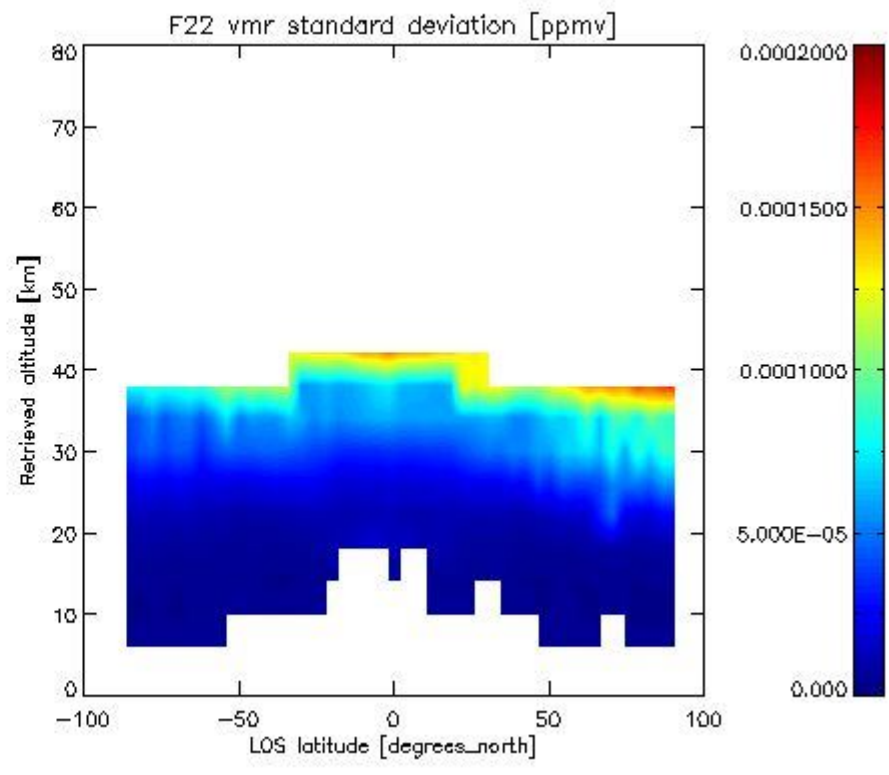
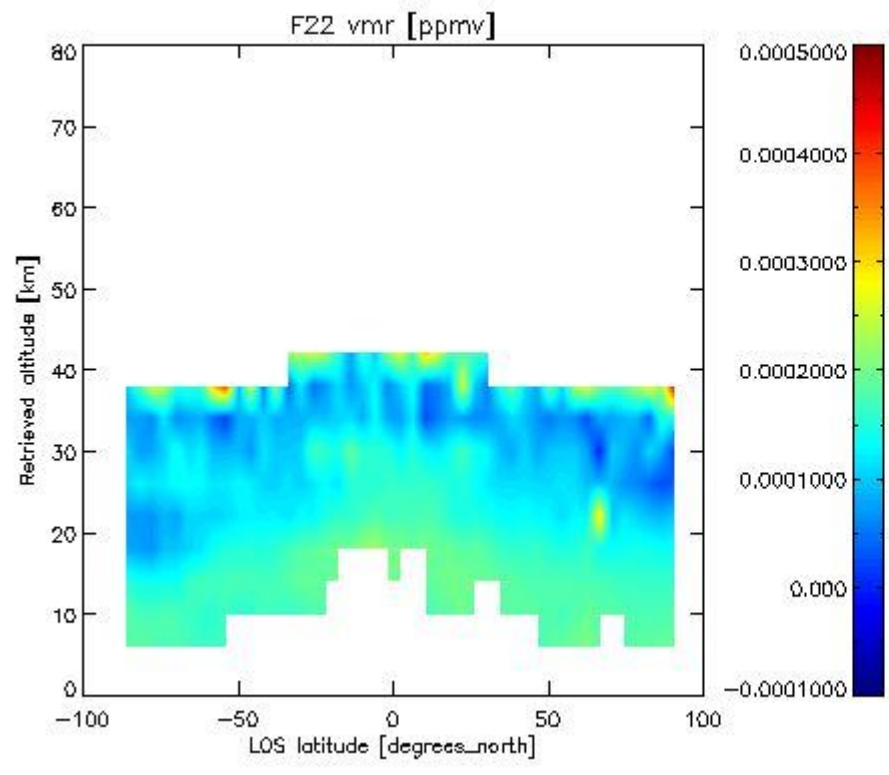
2.3.4.4 CLNO vmr: This section shows values (left) and error (right) for CLNO after binning individual vmr values over retrieved altitude and target latitude.

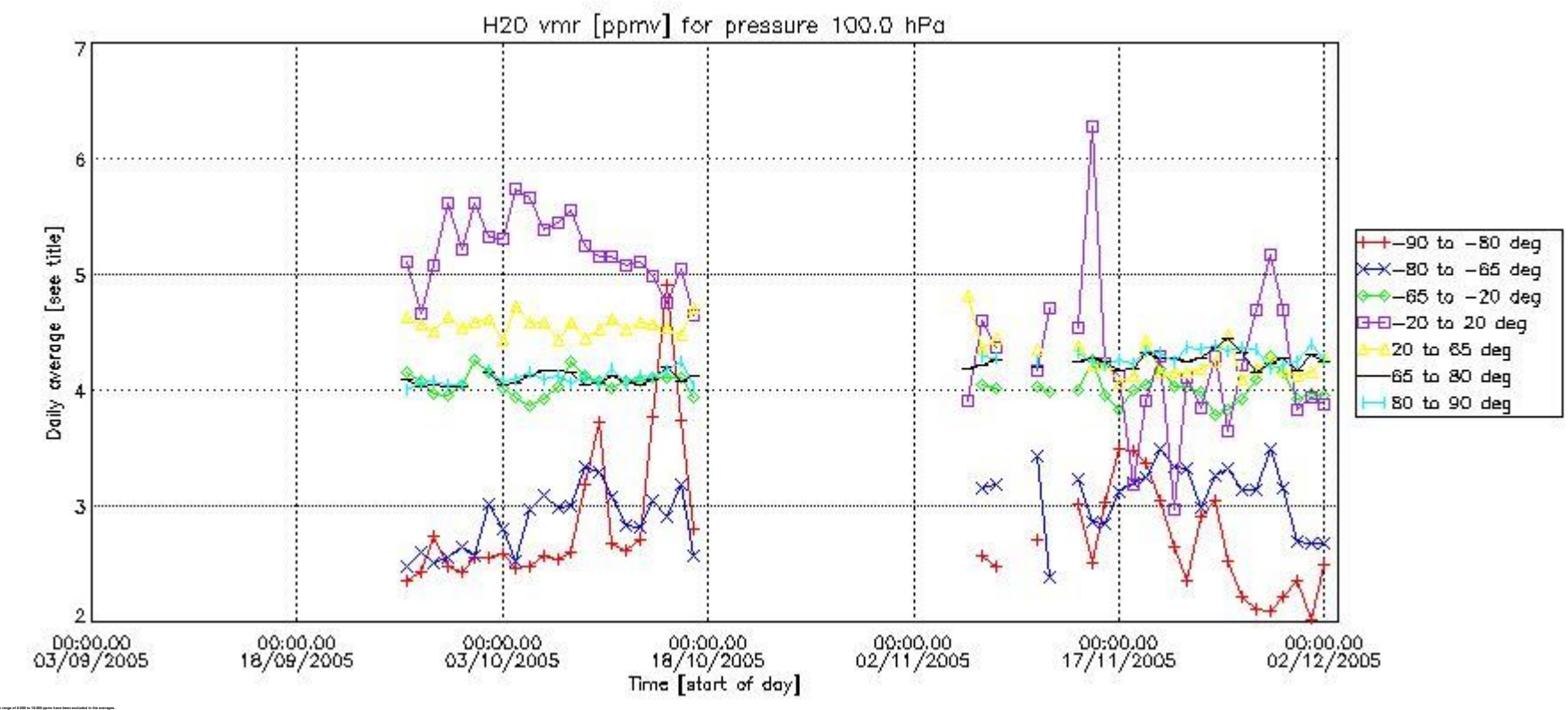
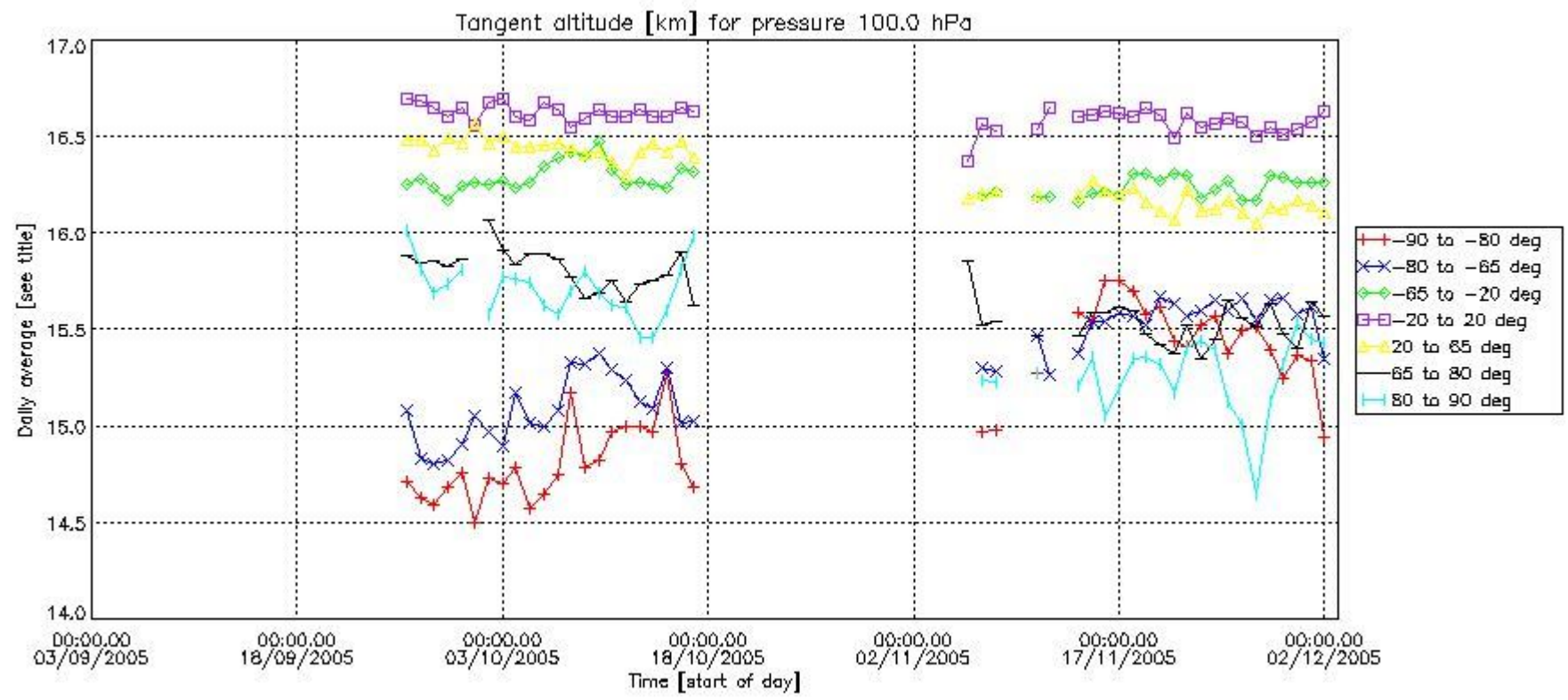


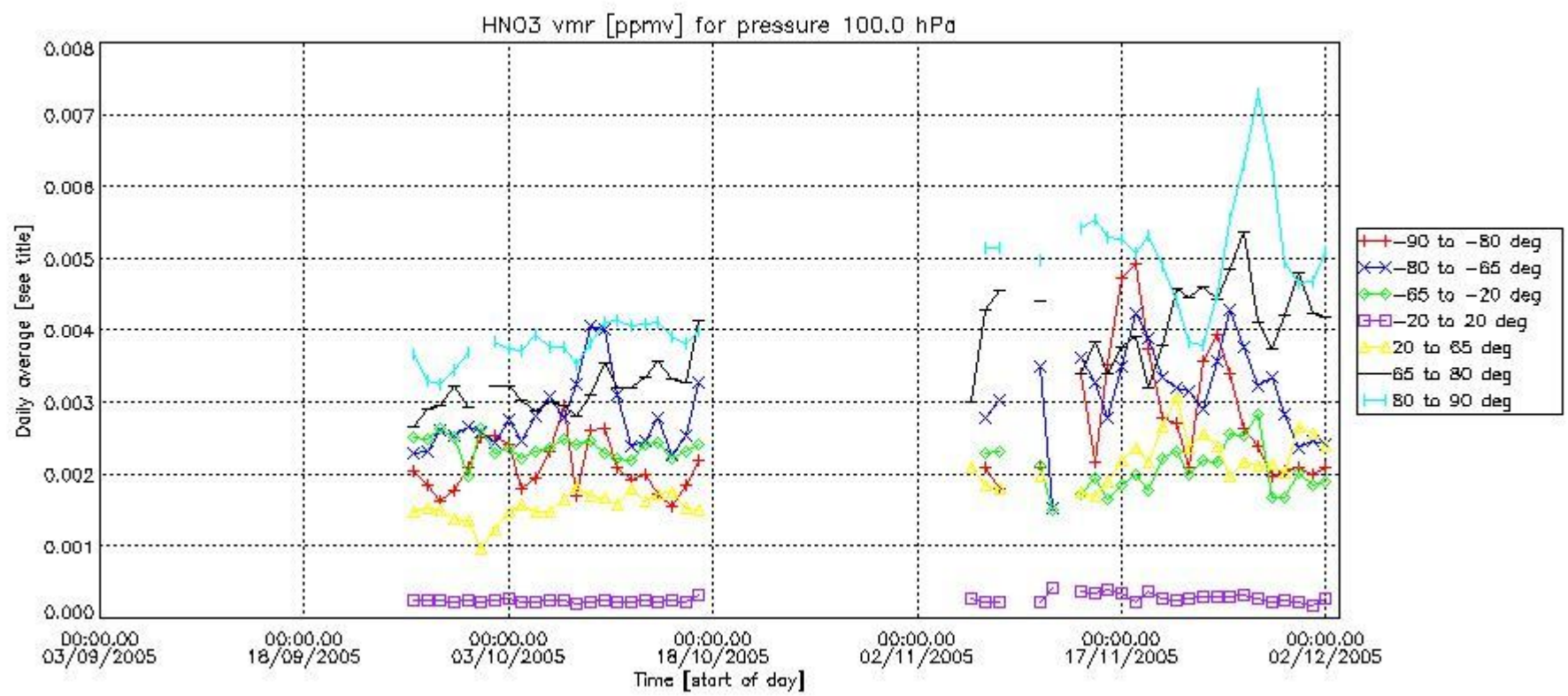
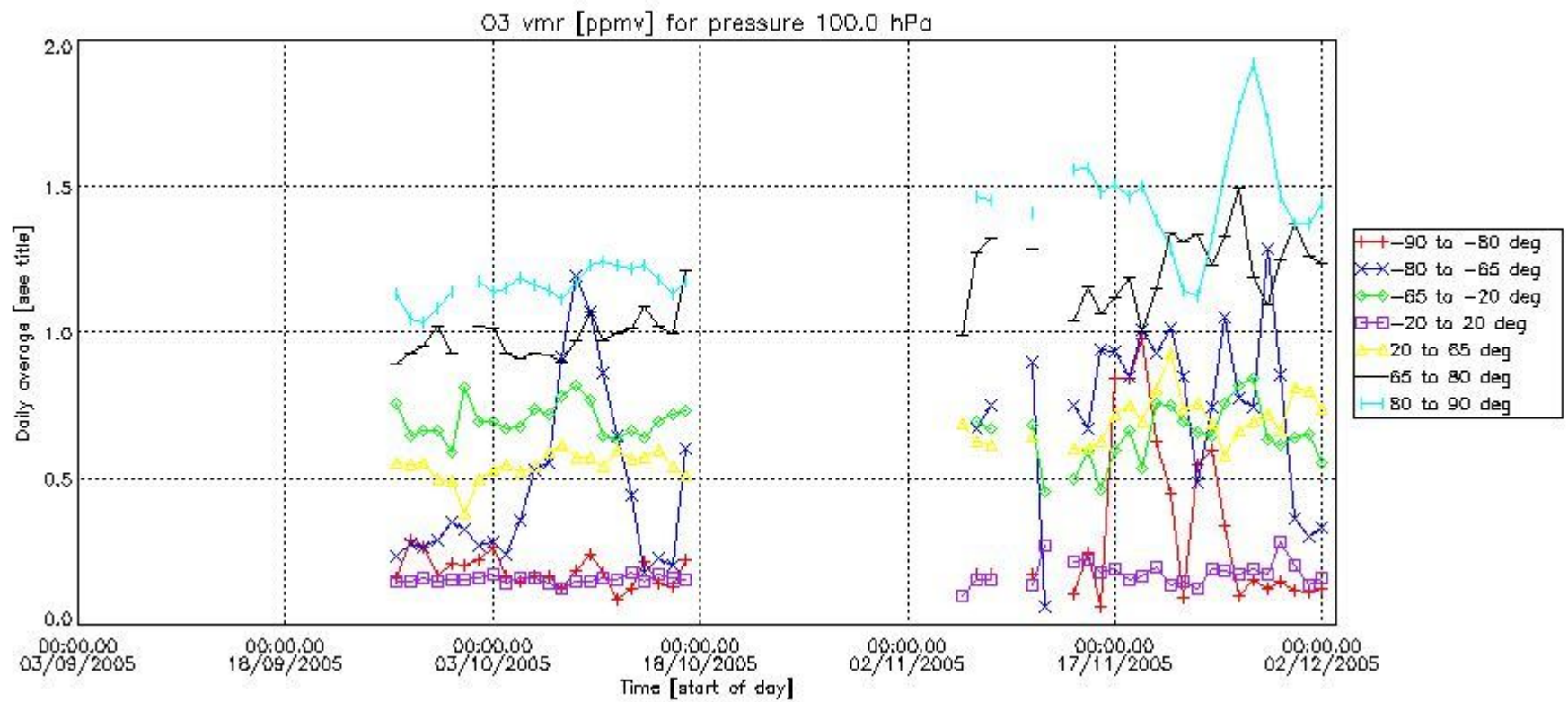


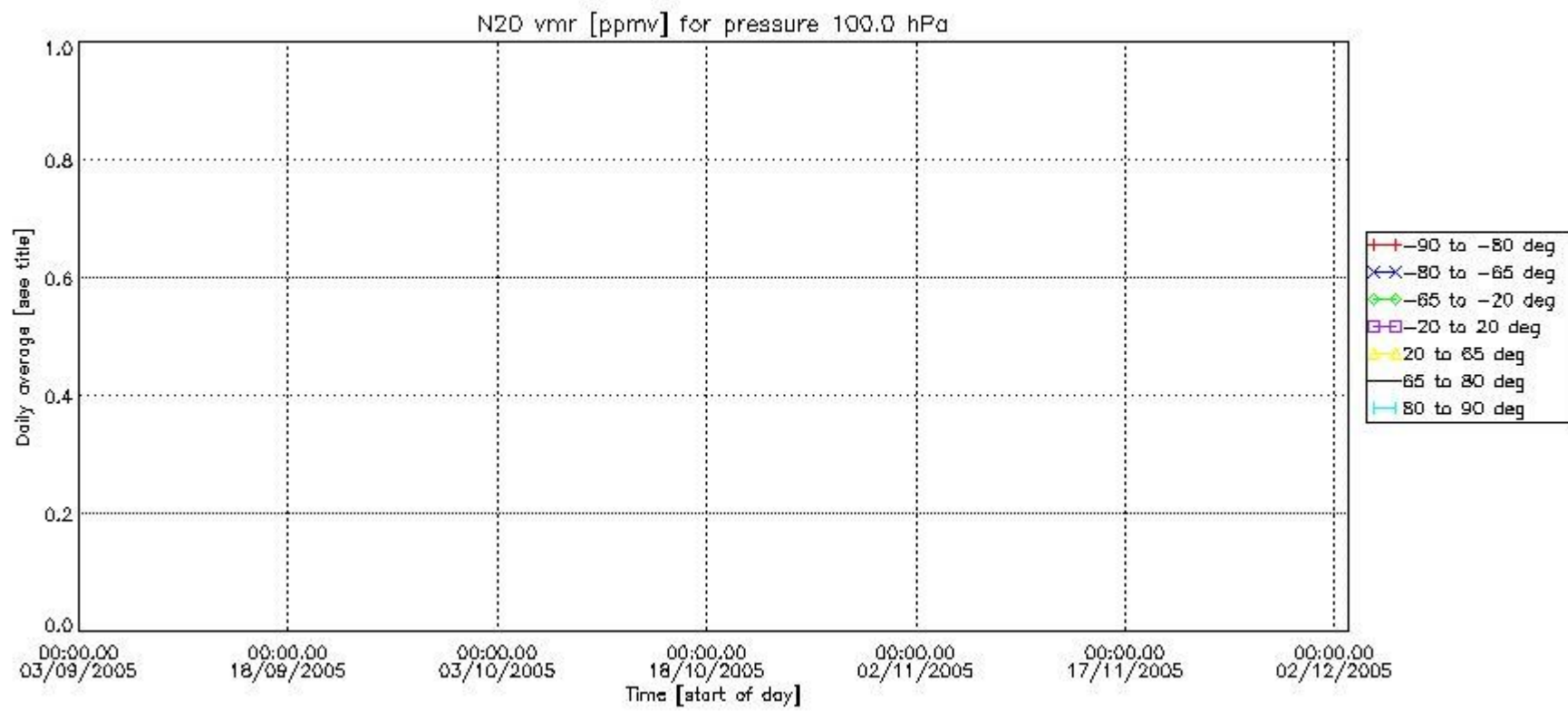
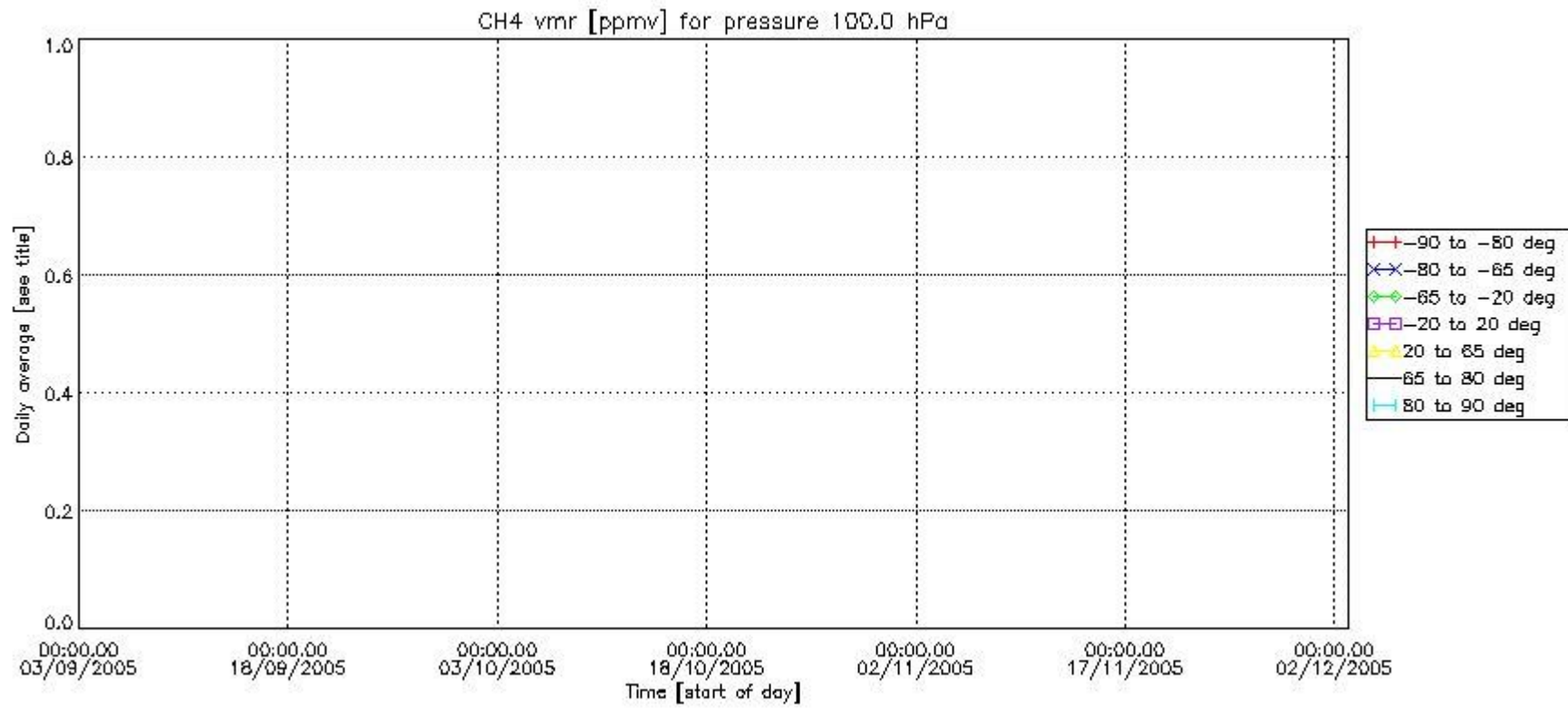


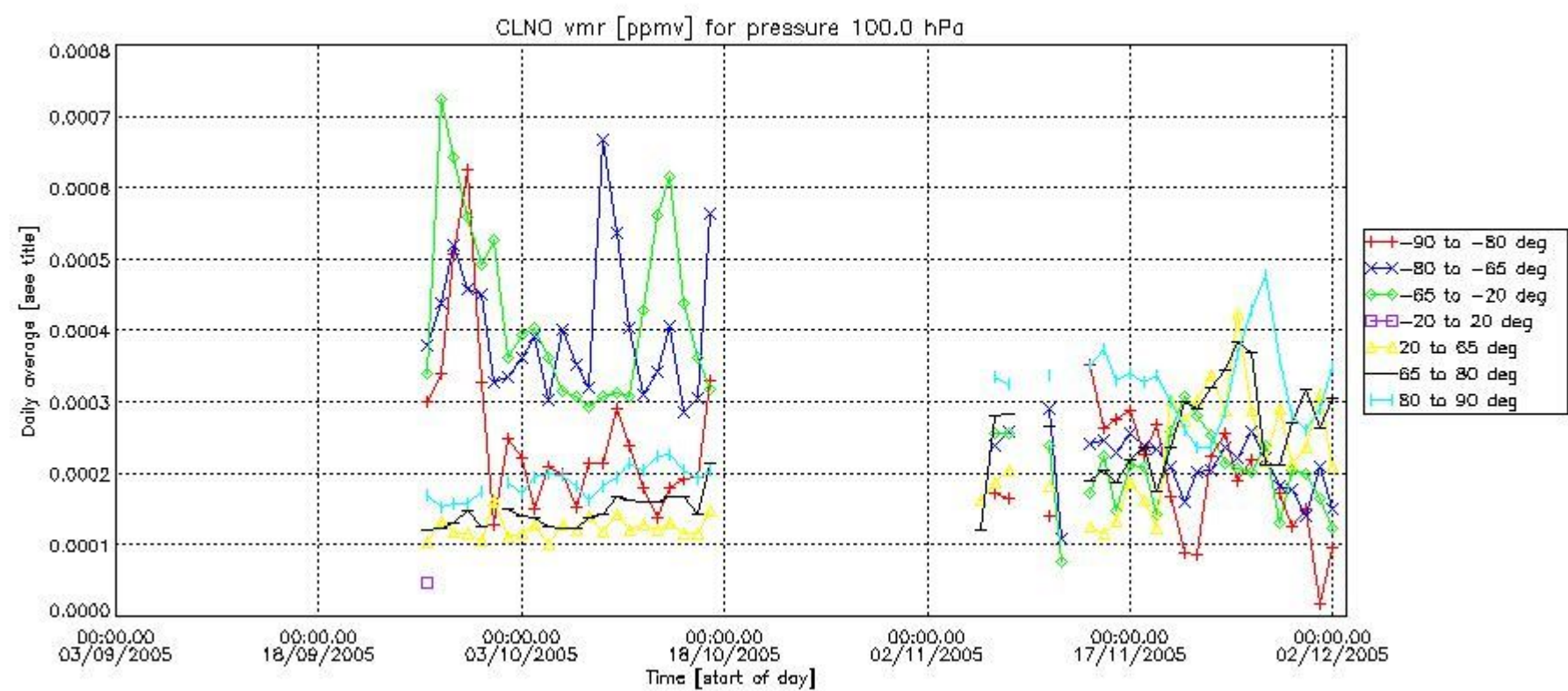
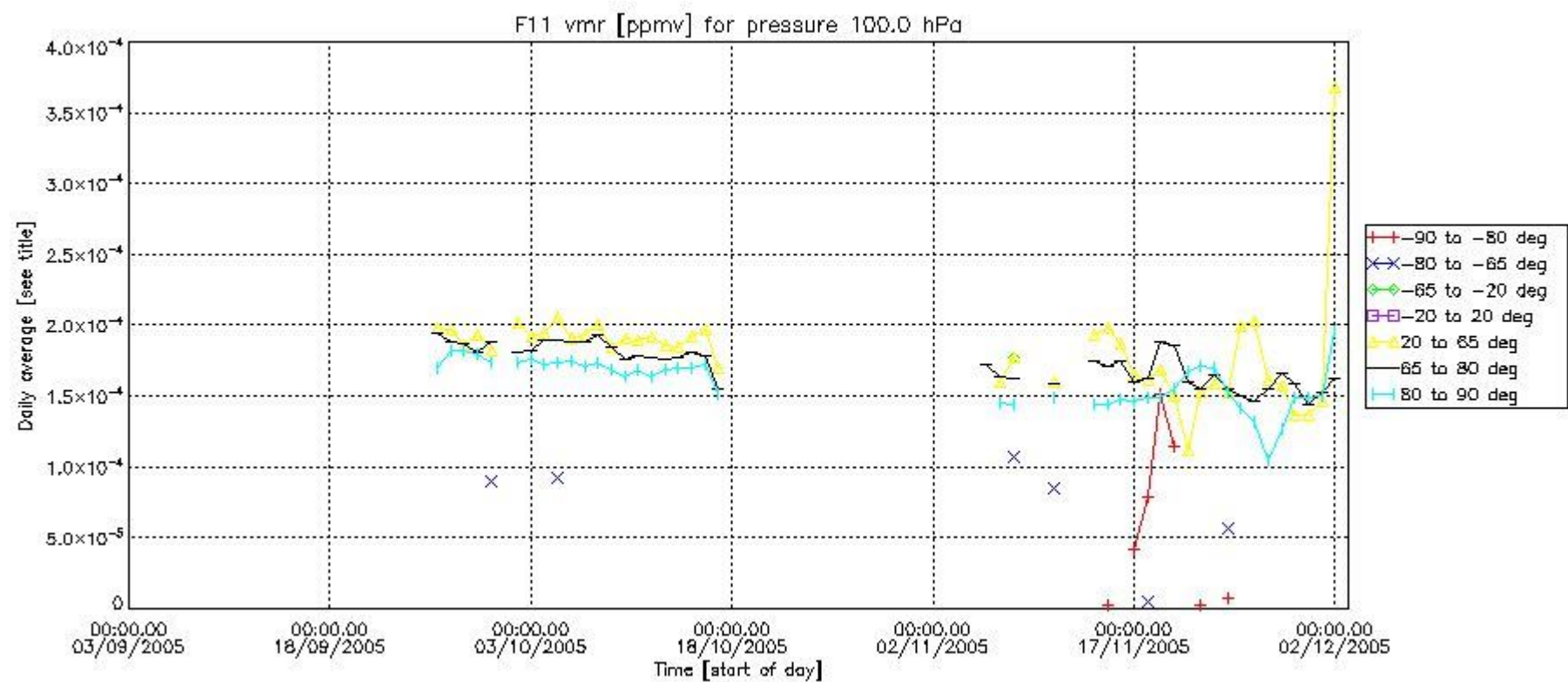


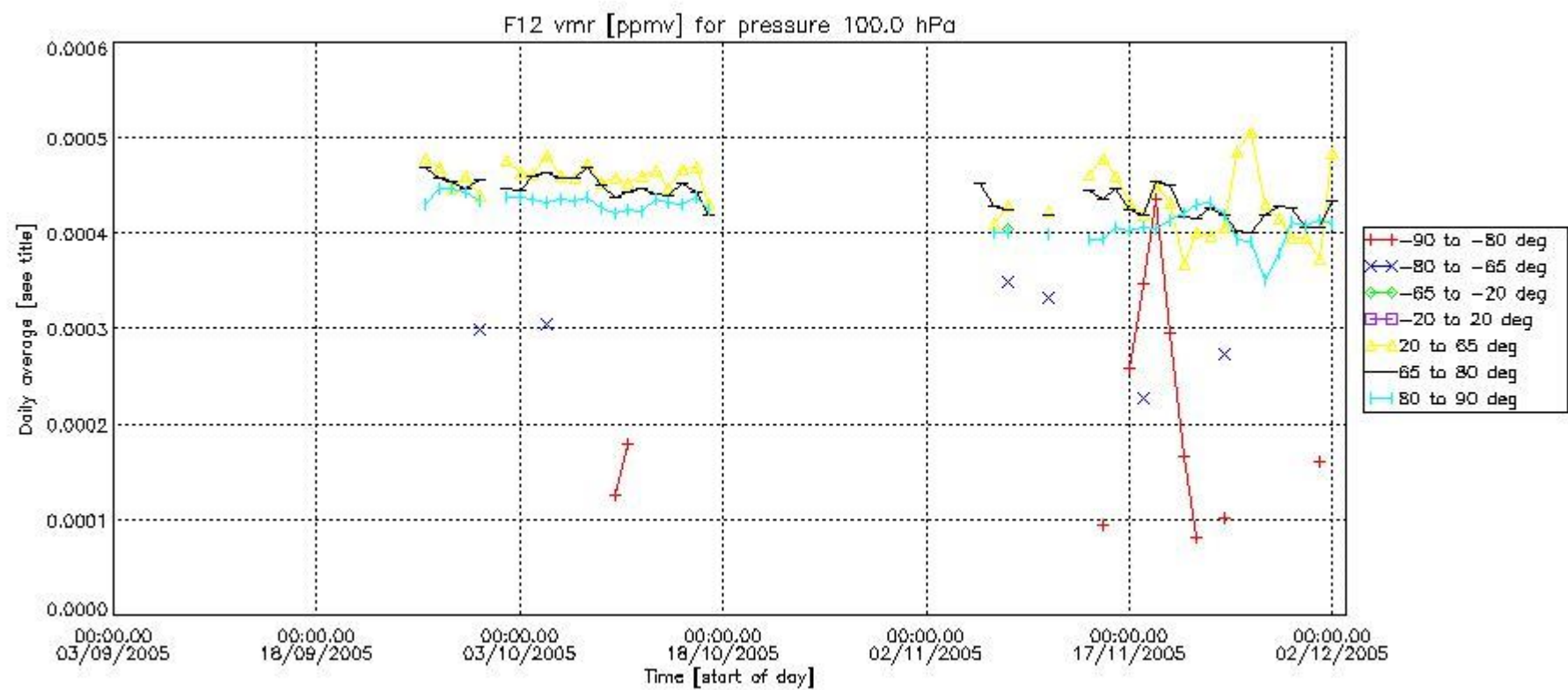
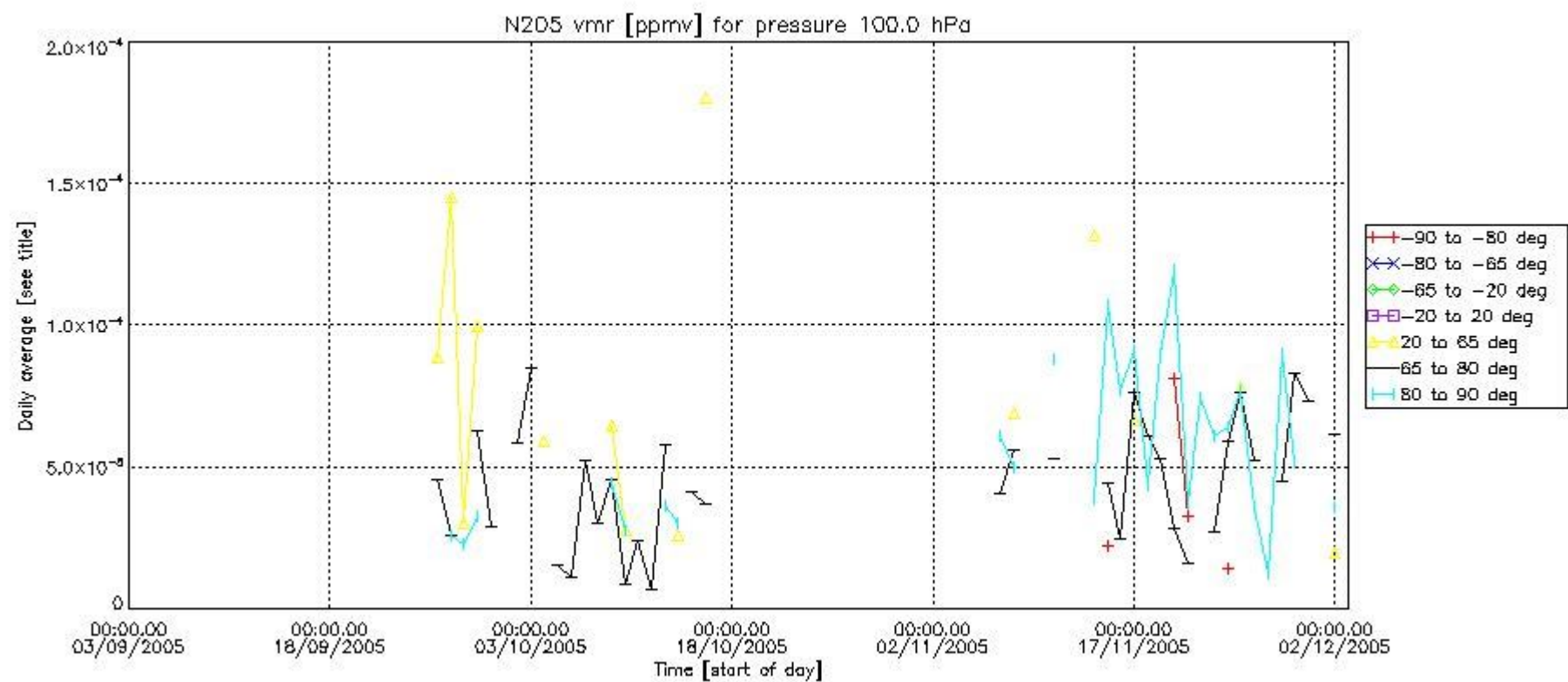


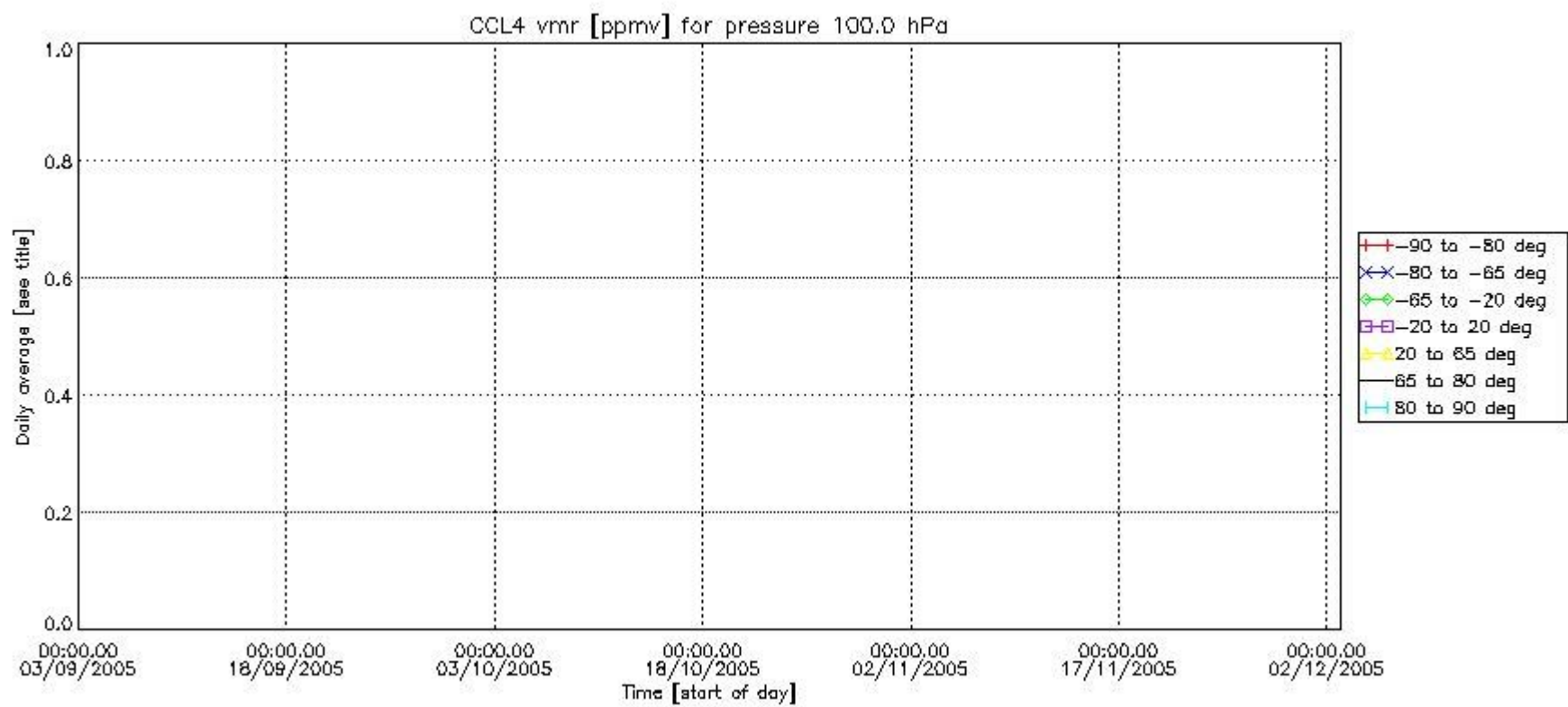
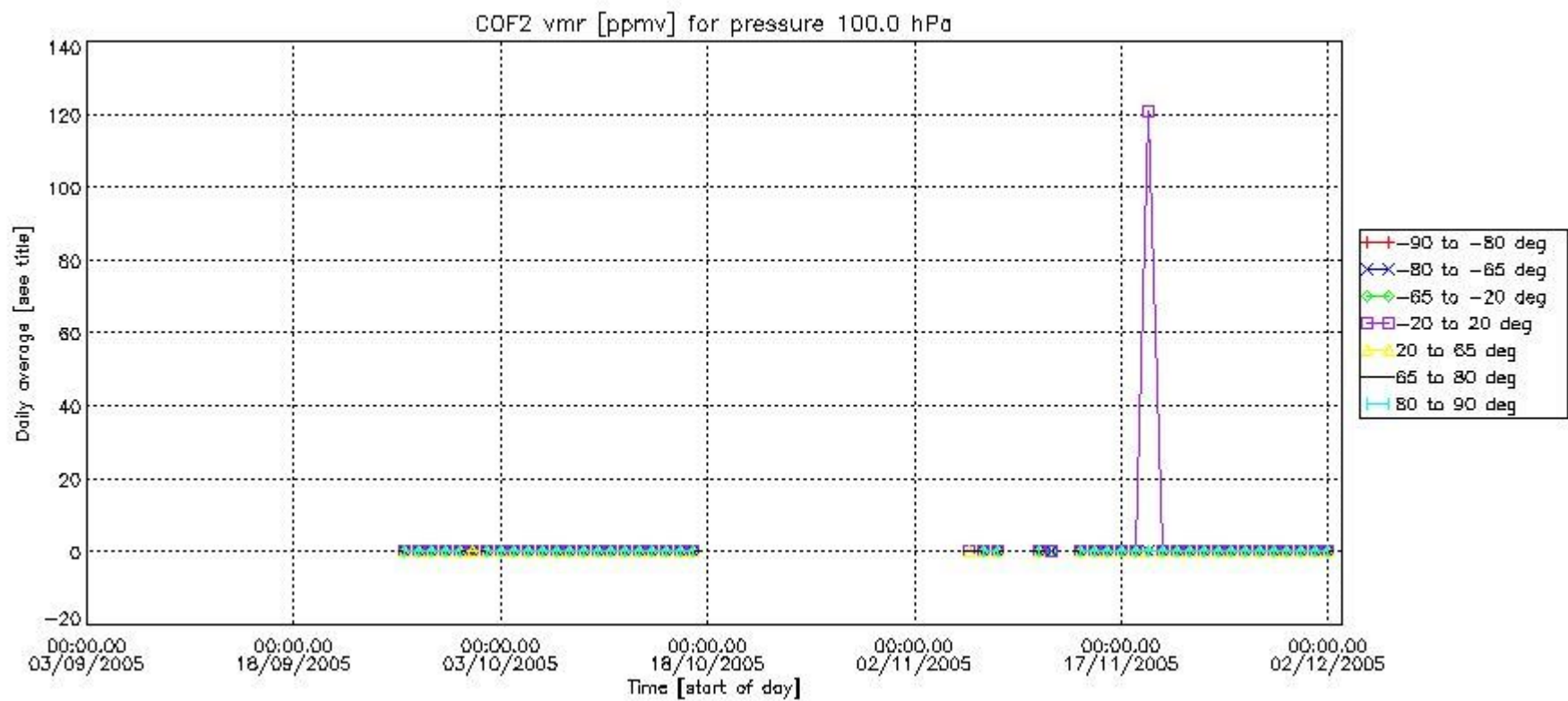


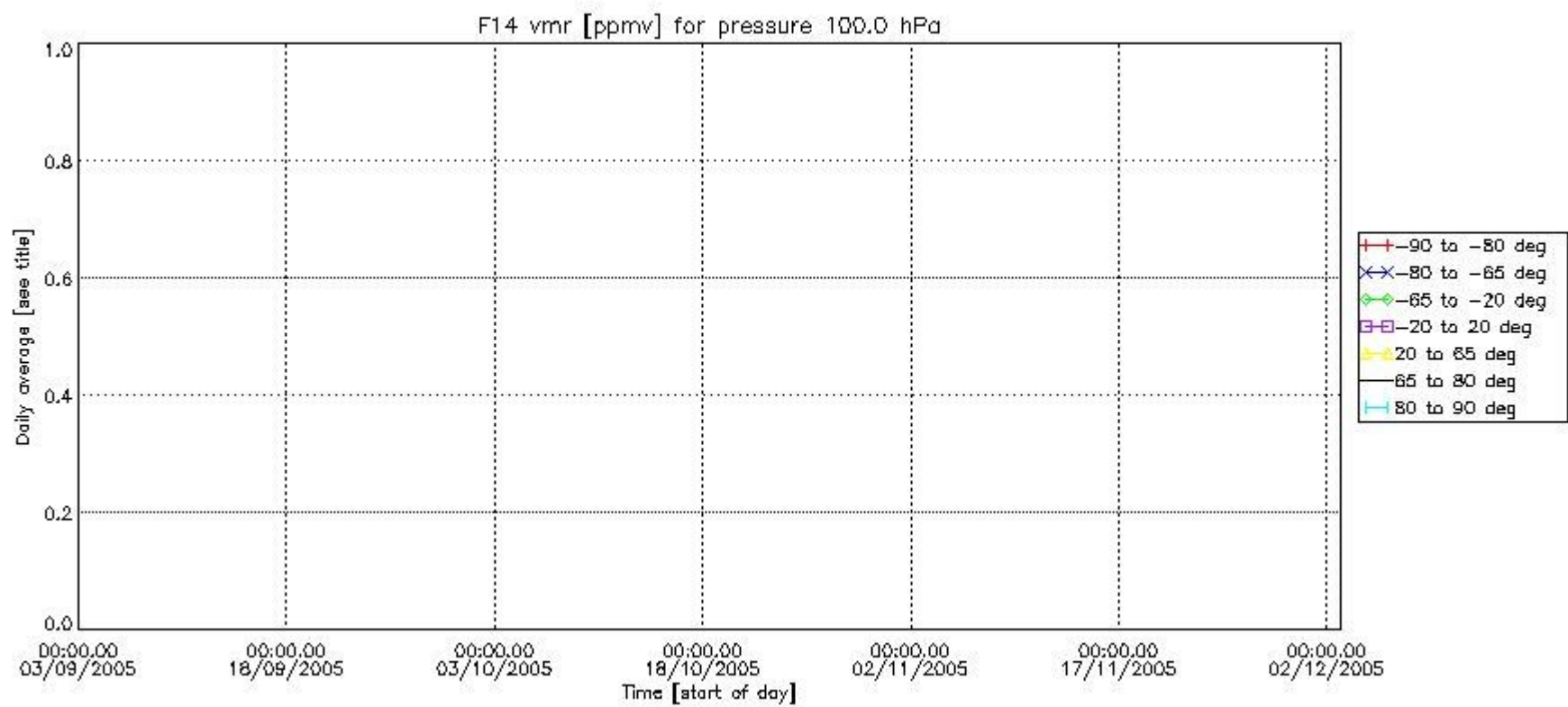
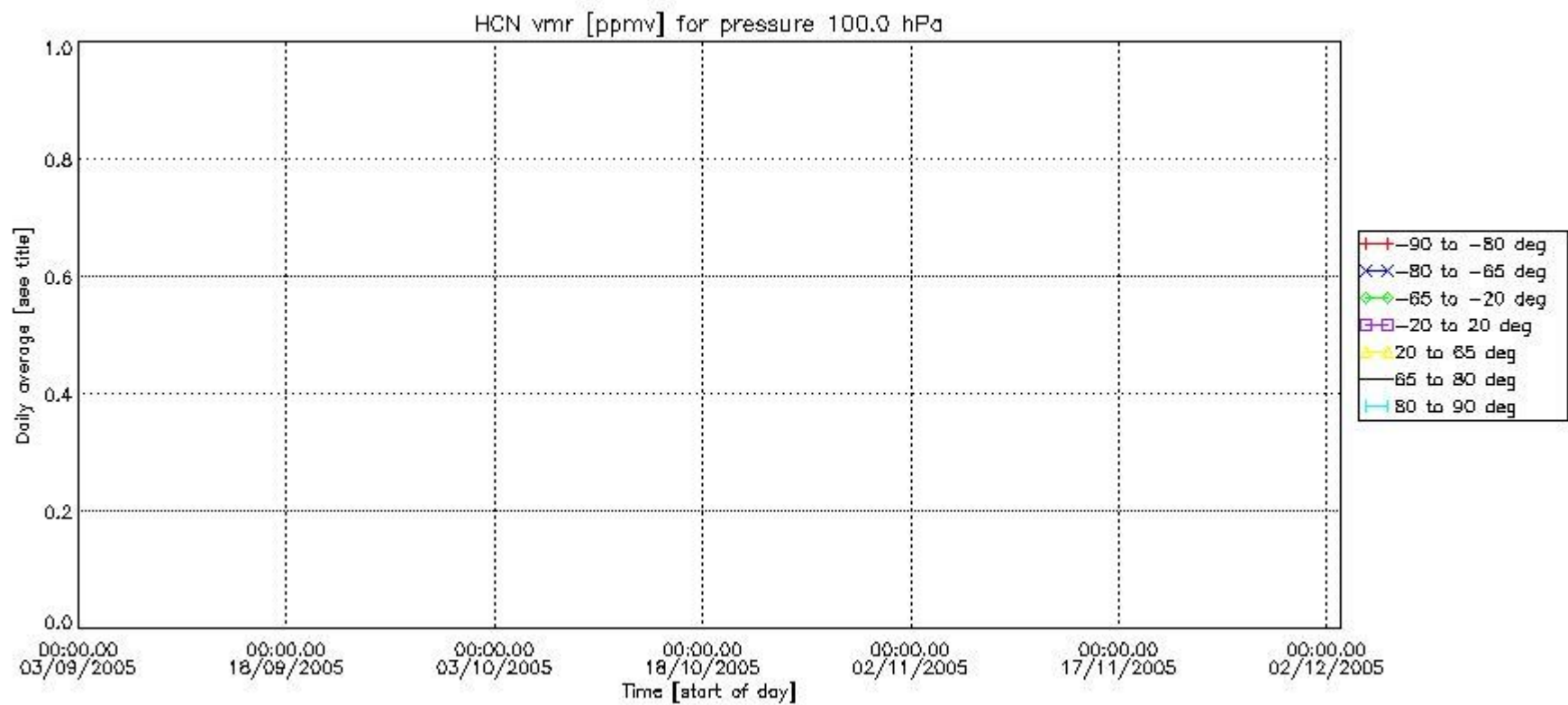


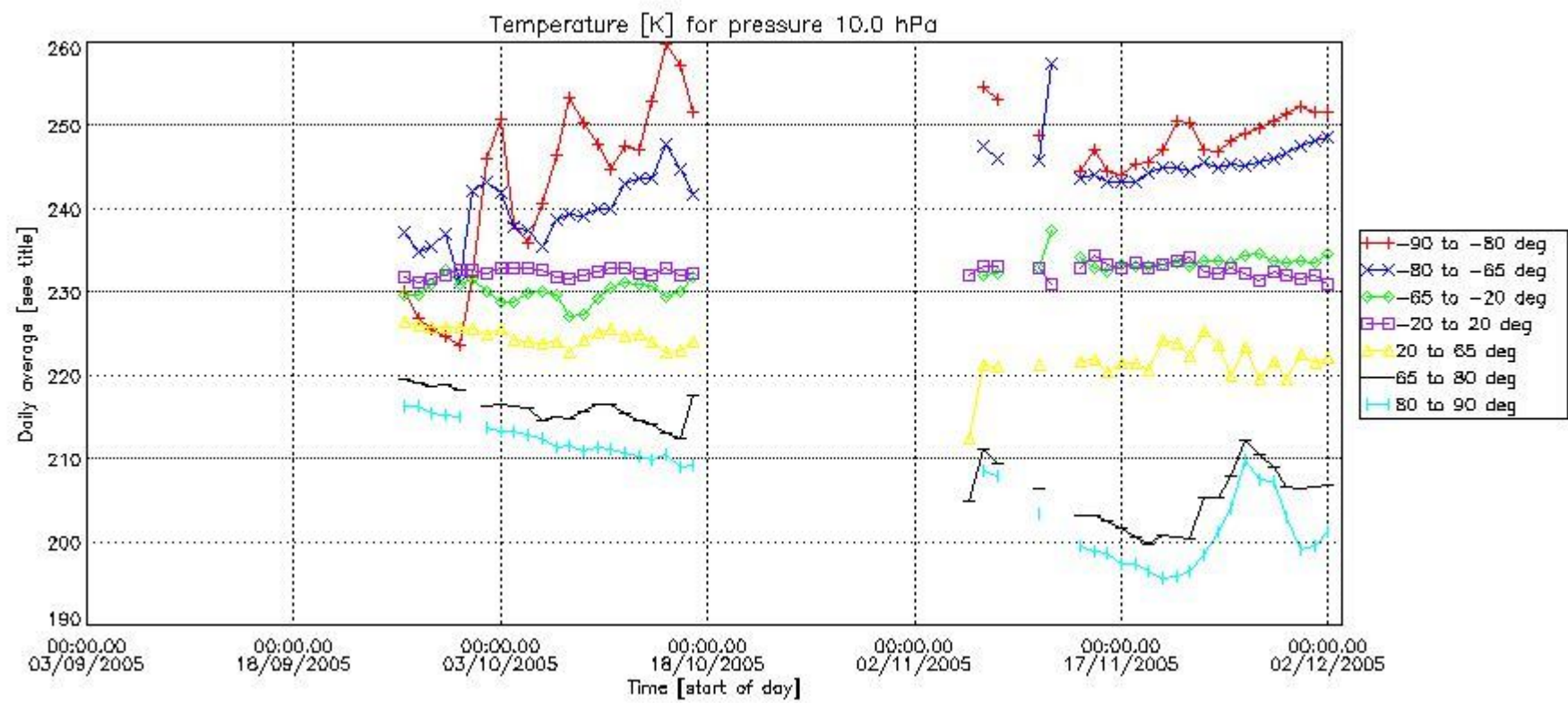
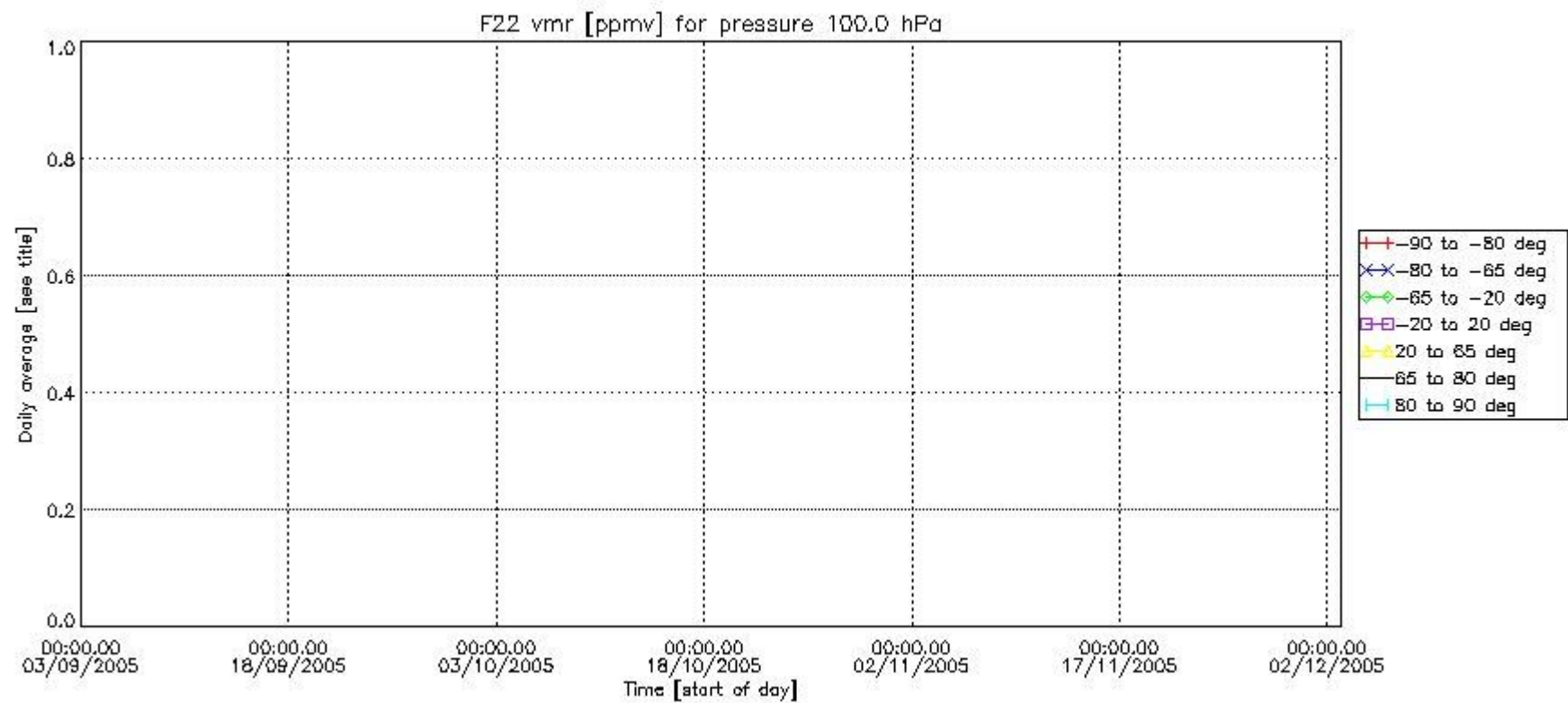


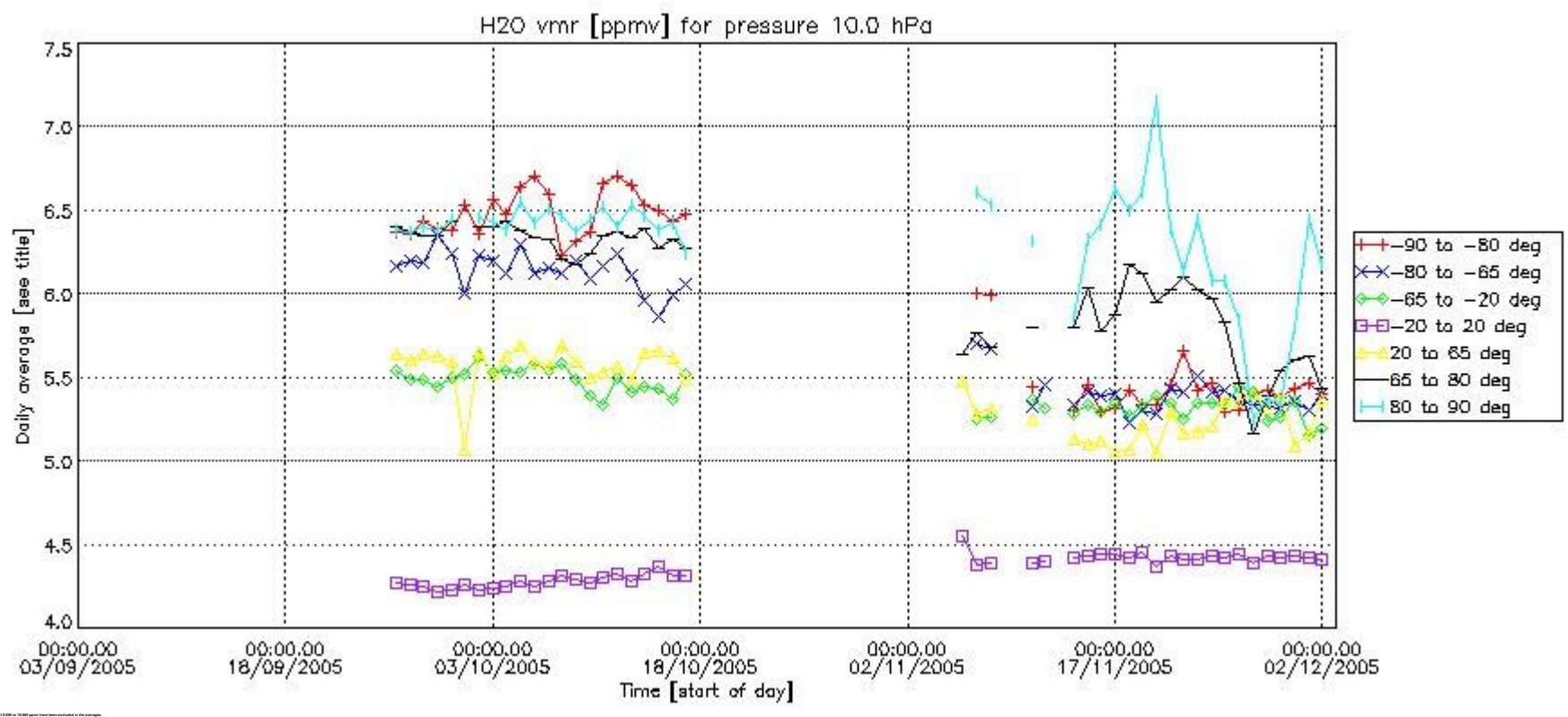
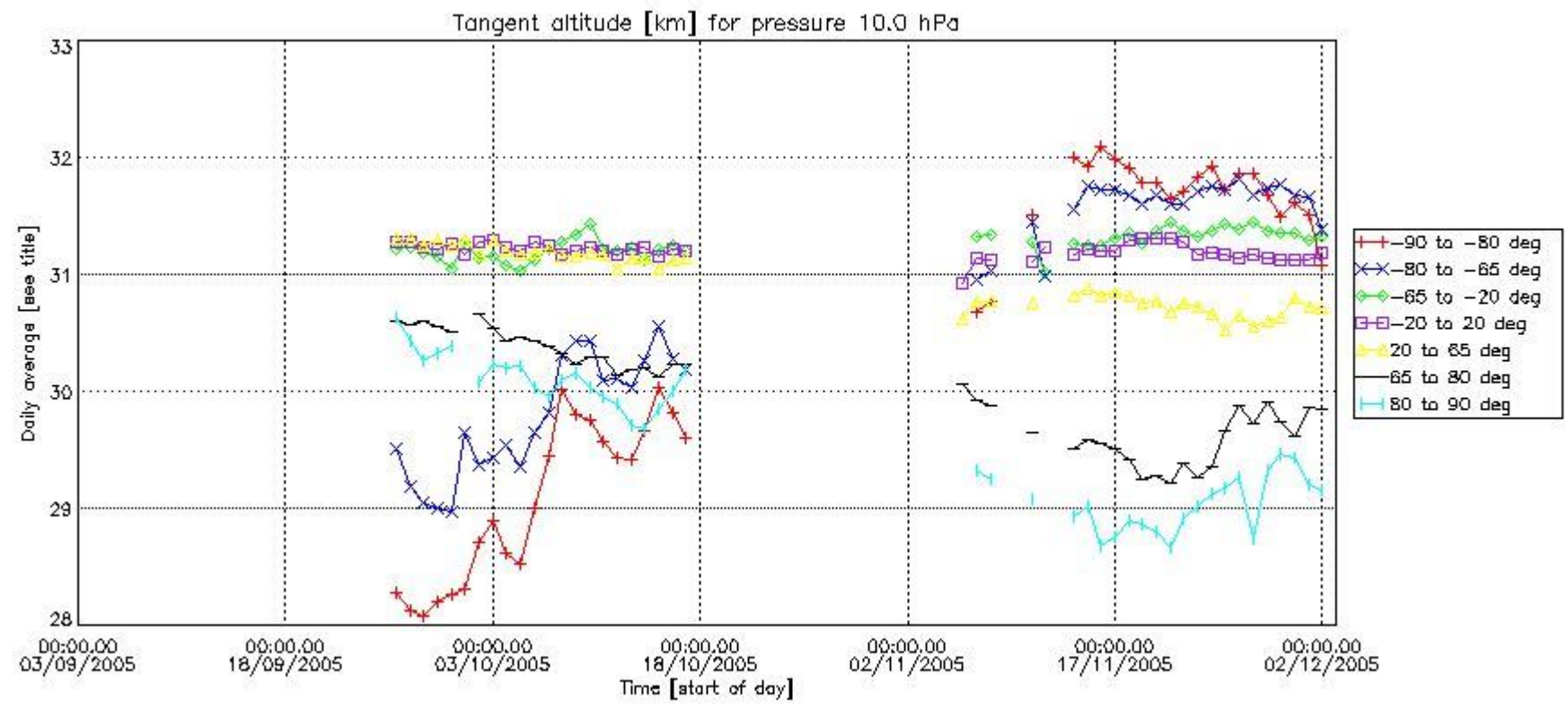


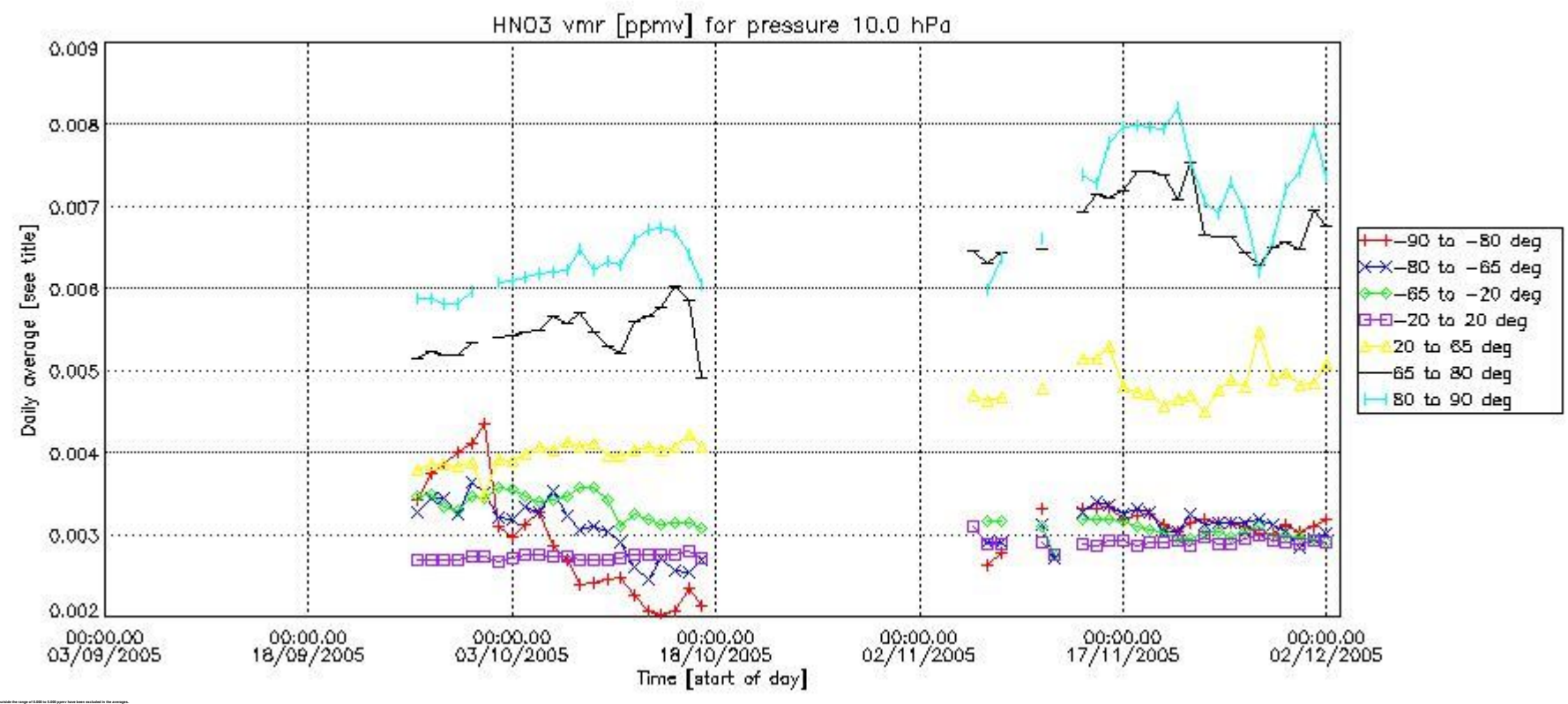
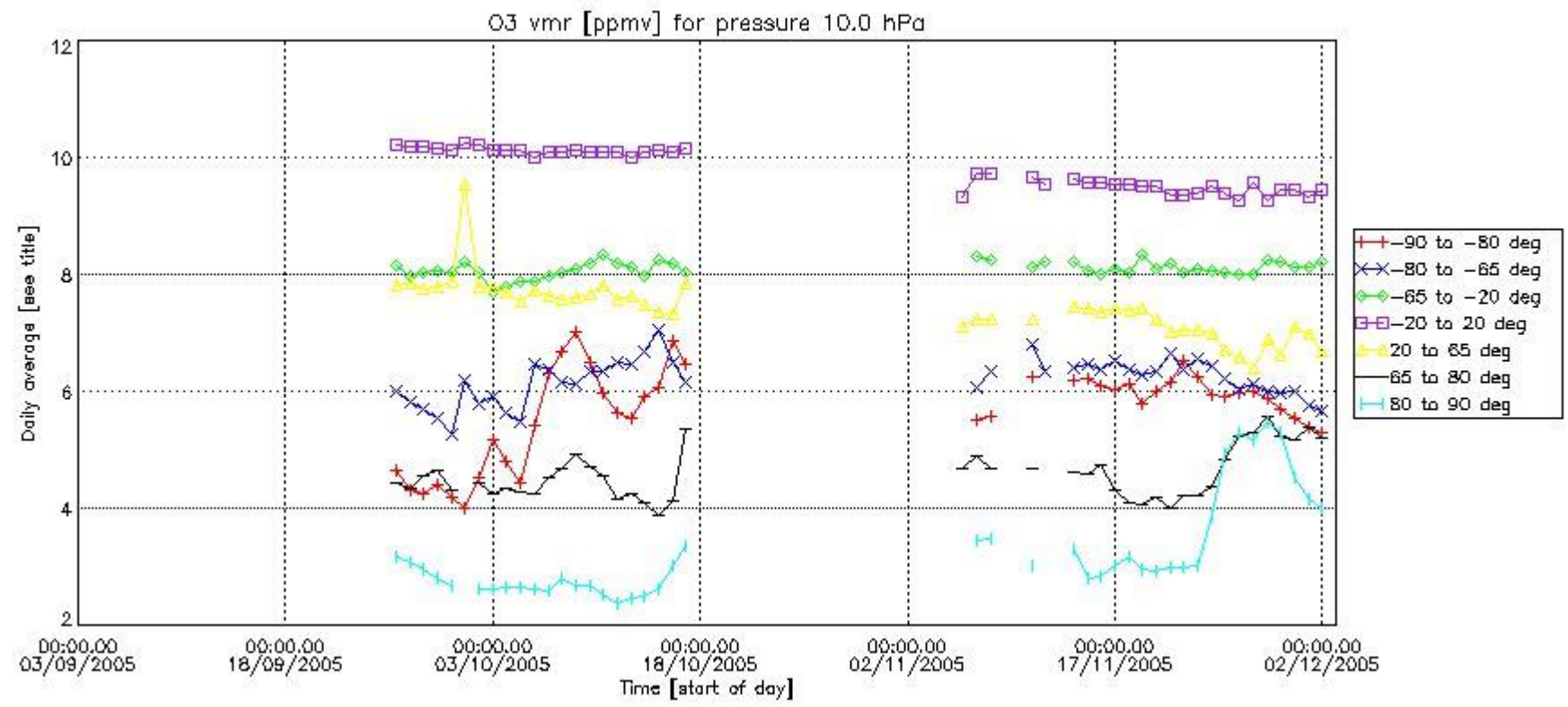


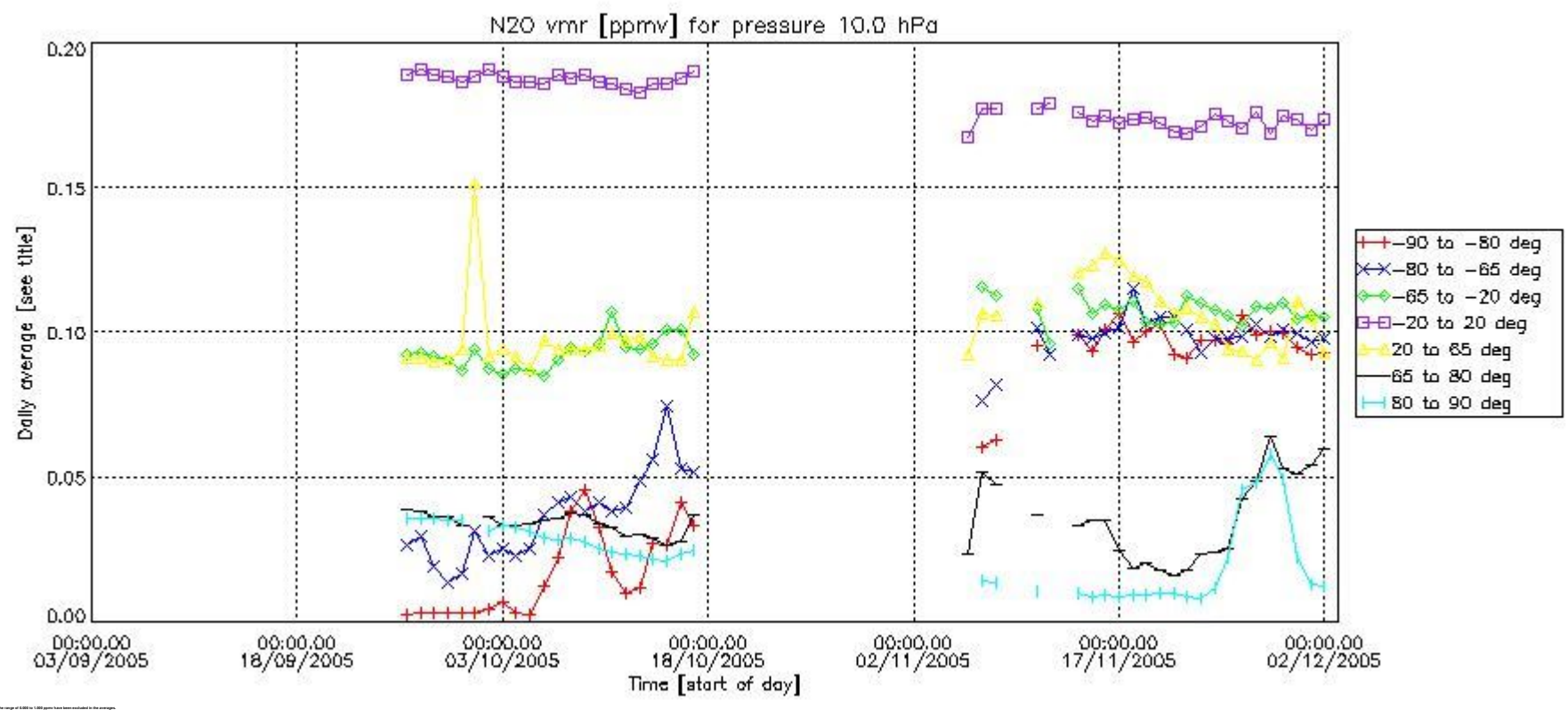
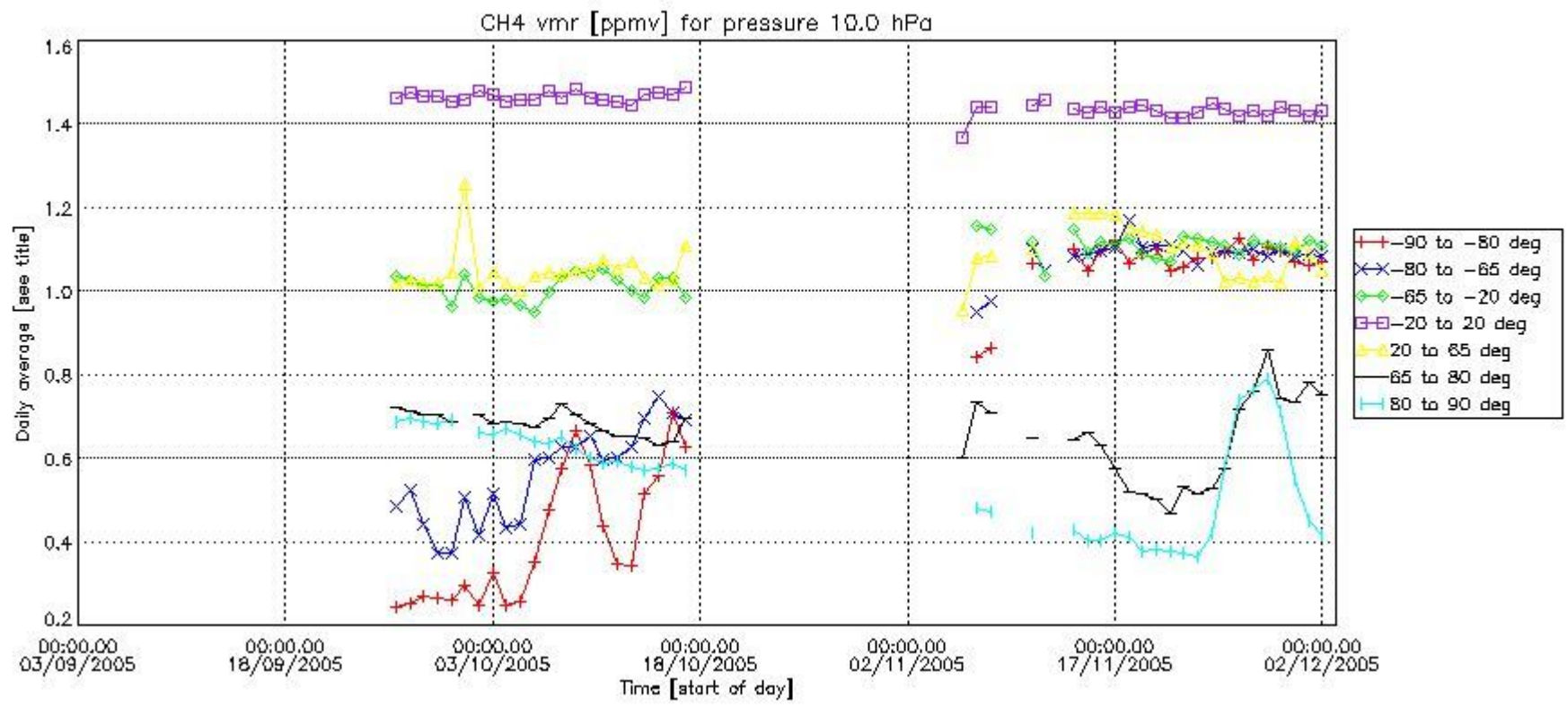


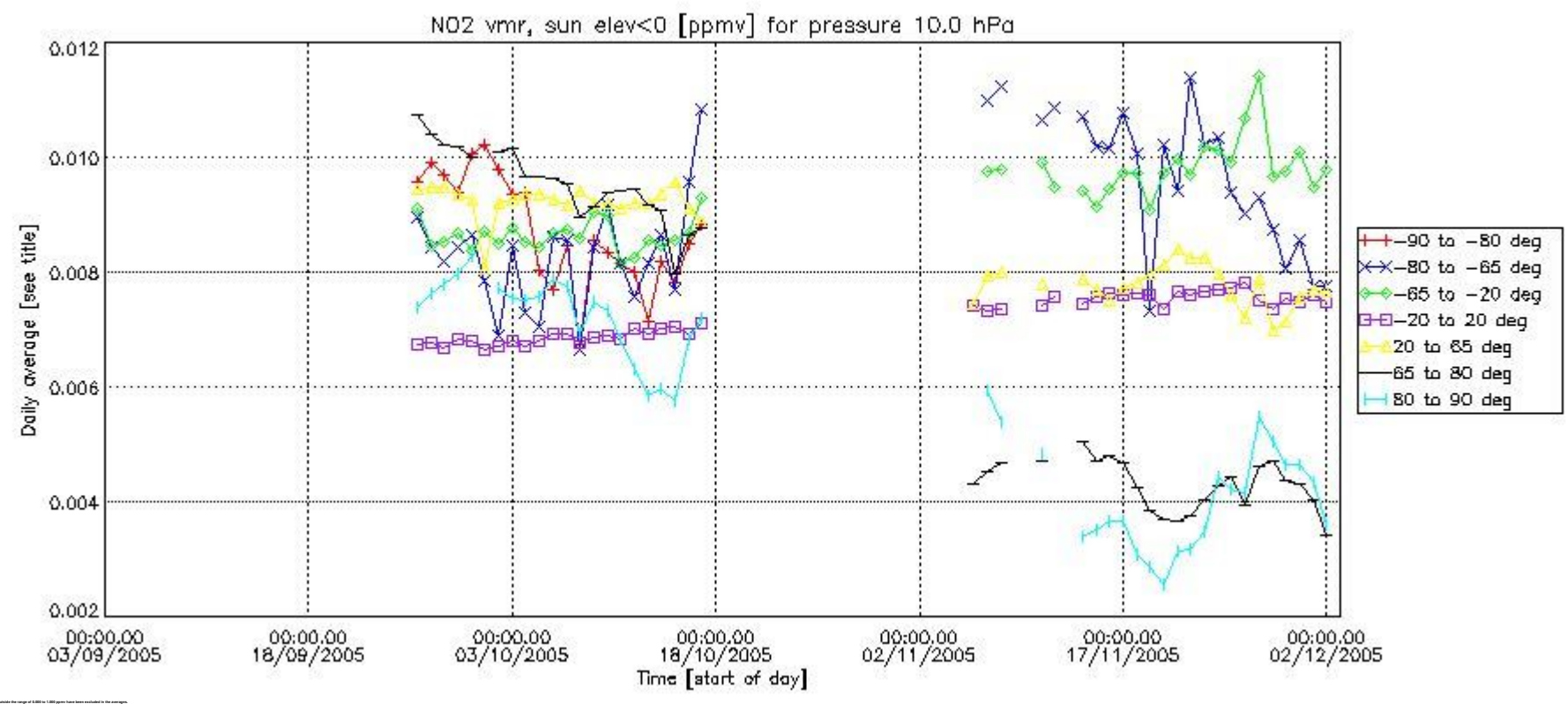
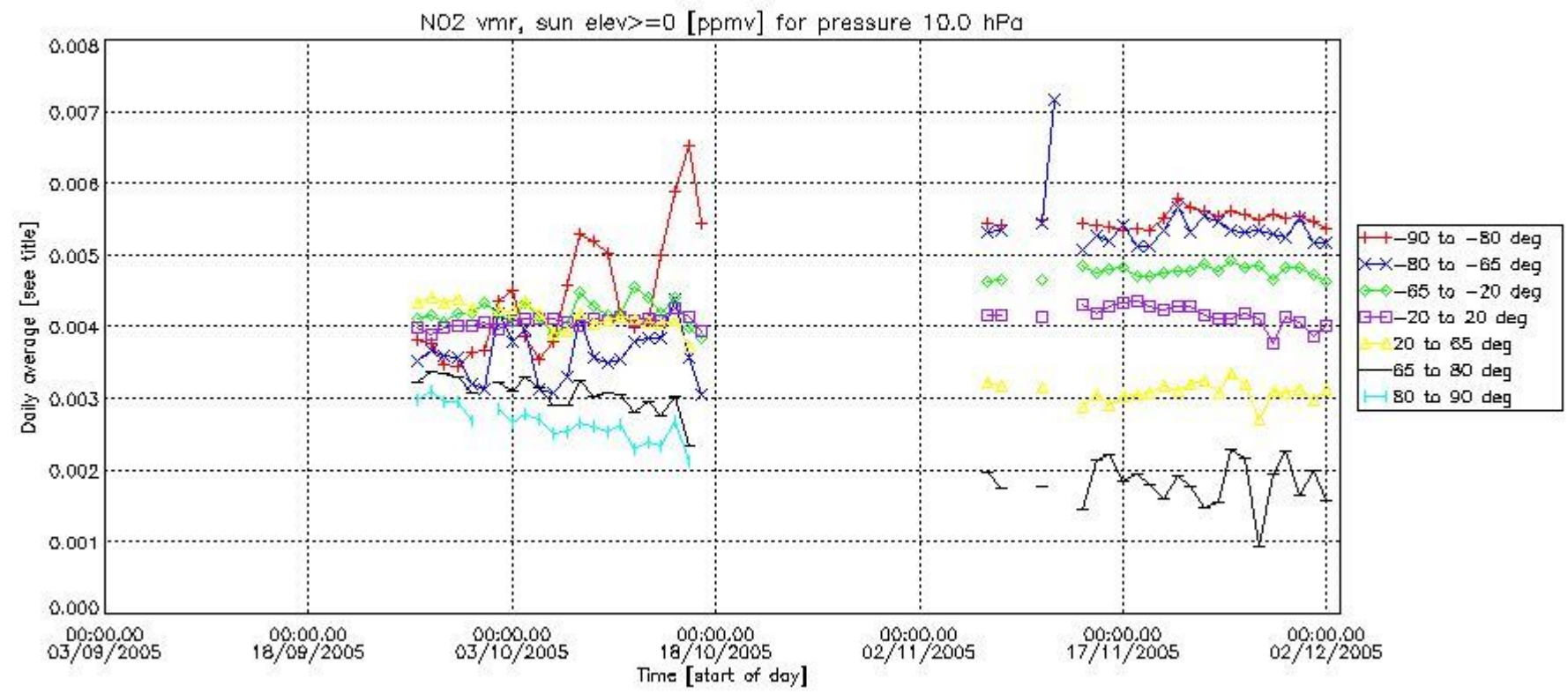


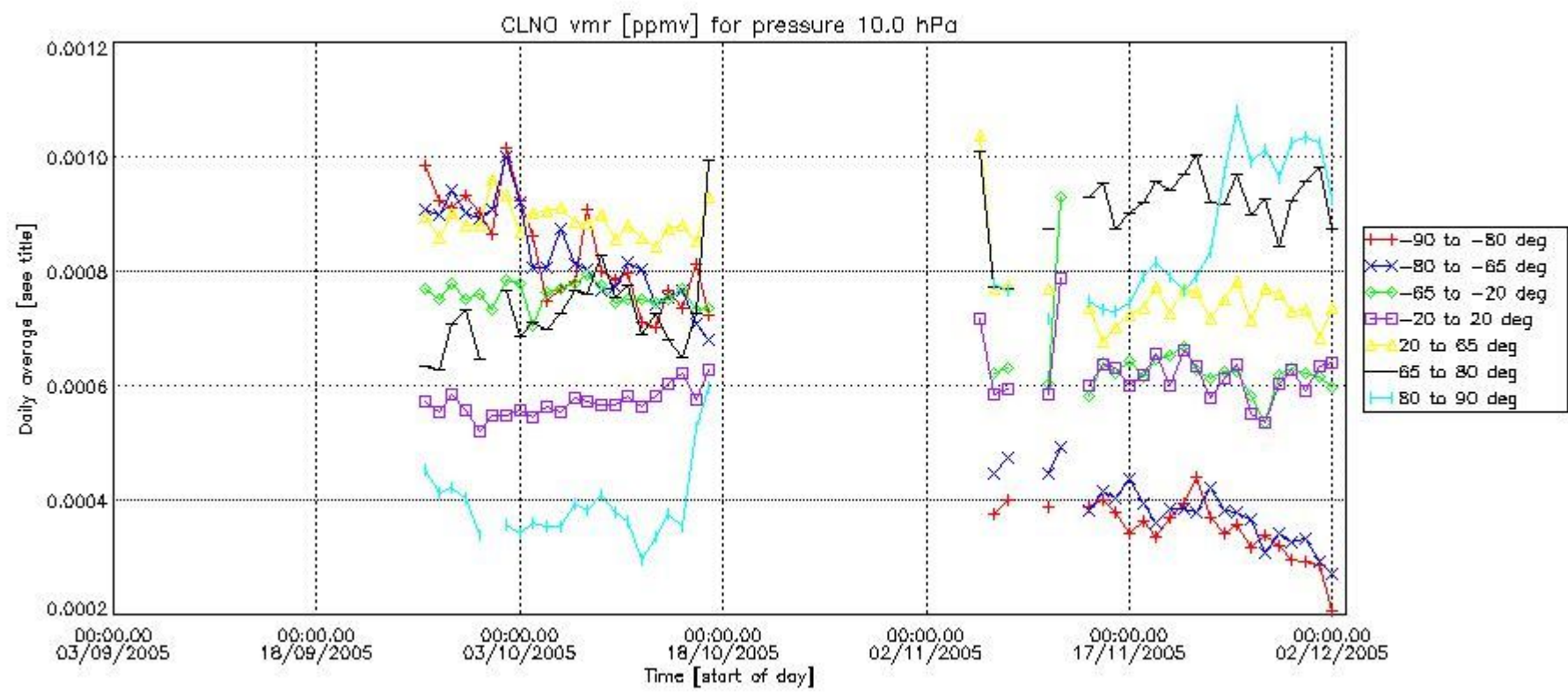
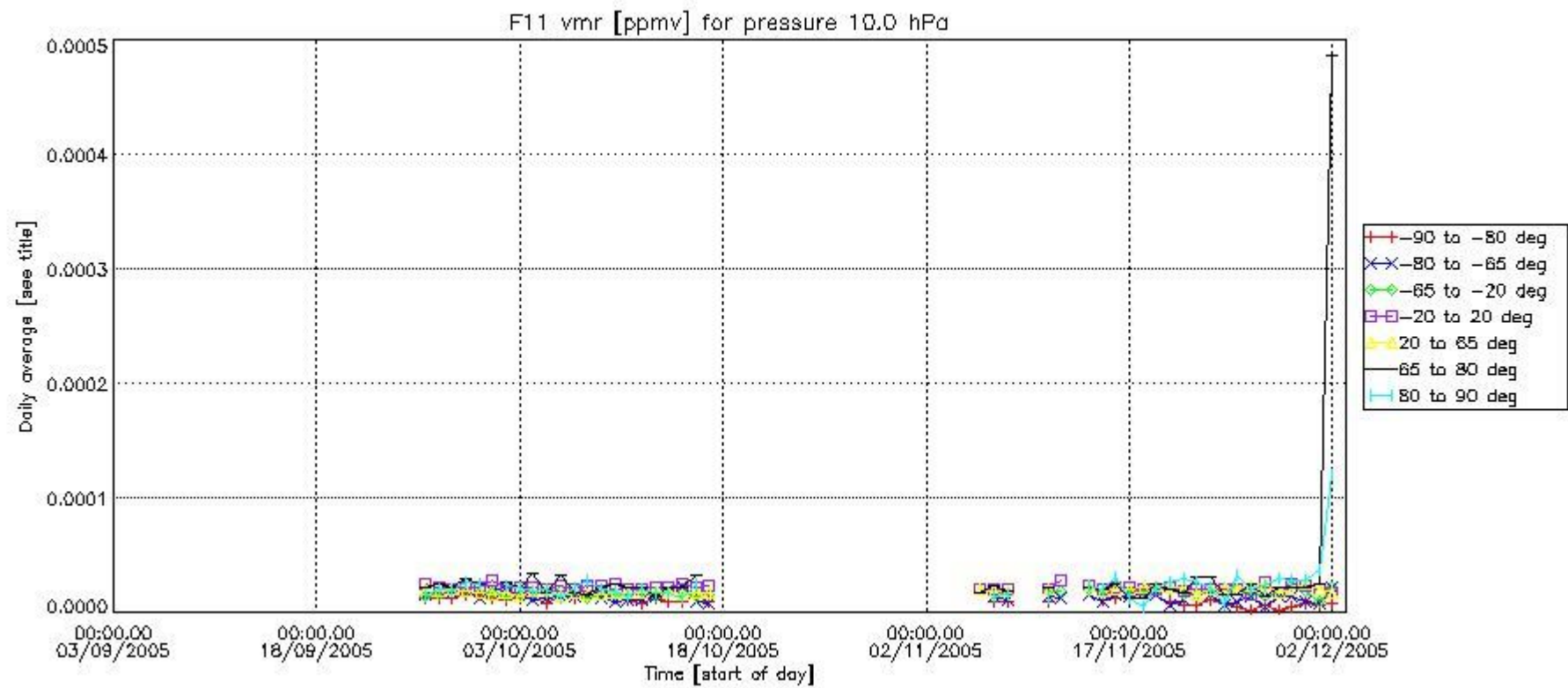


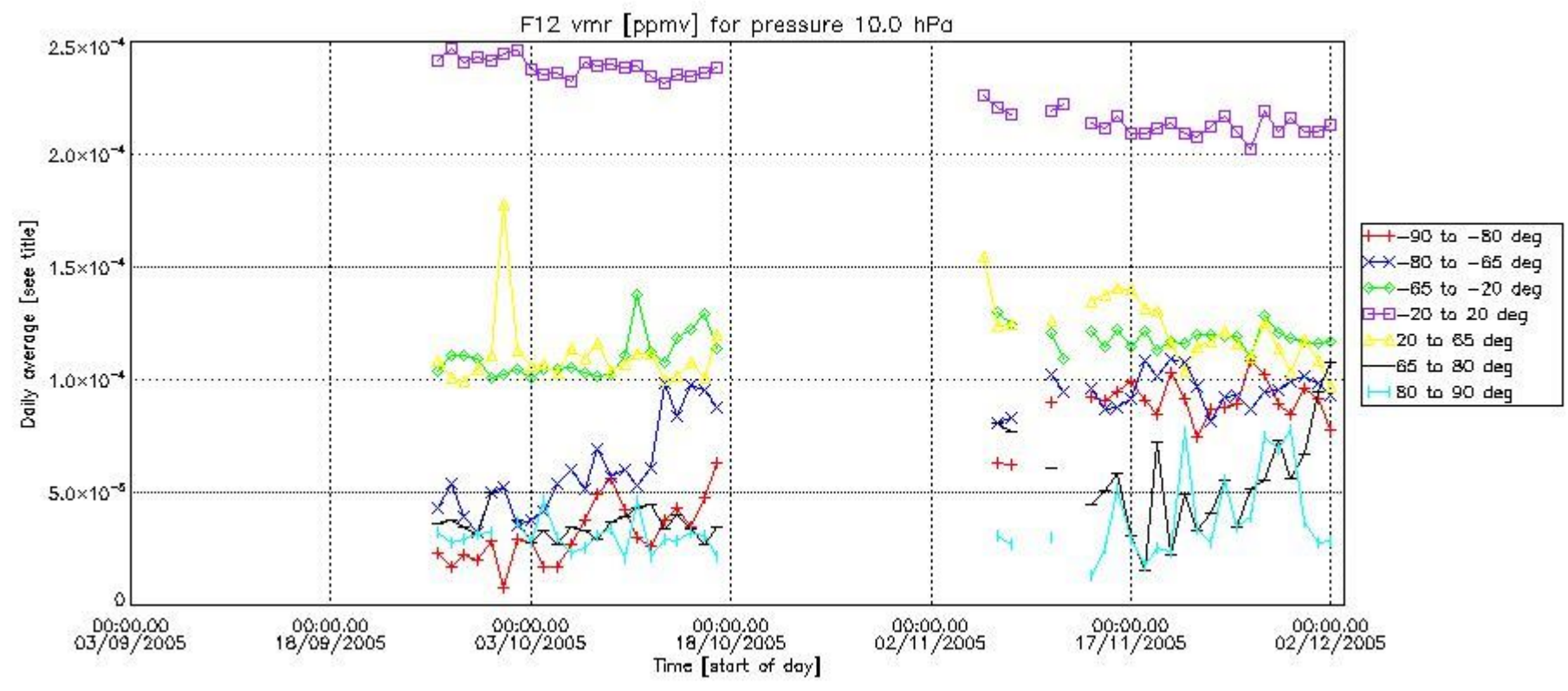
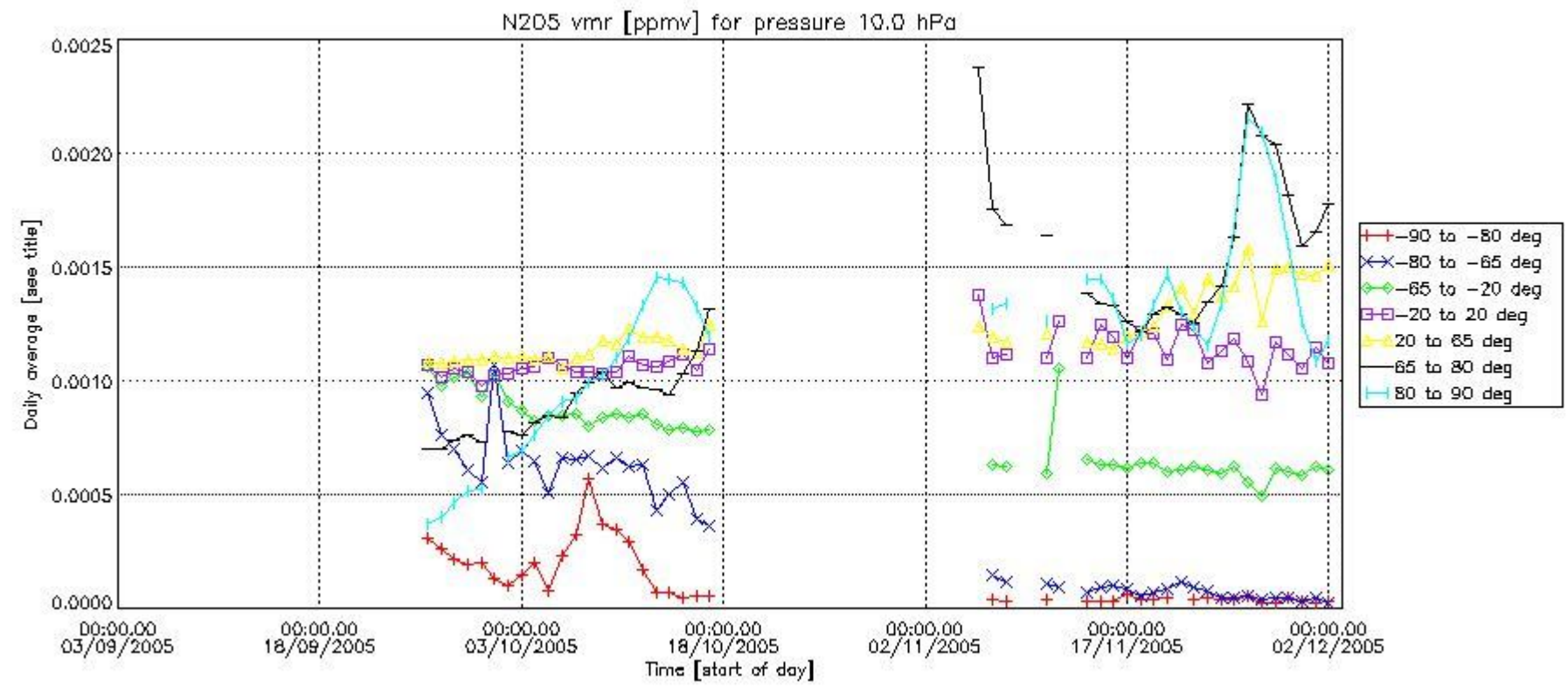


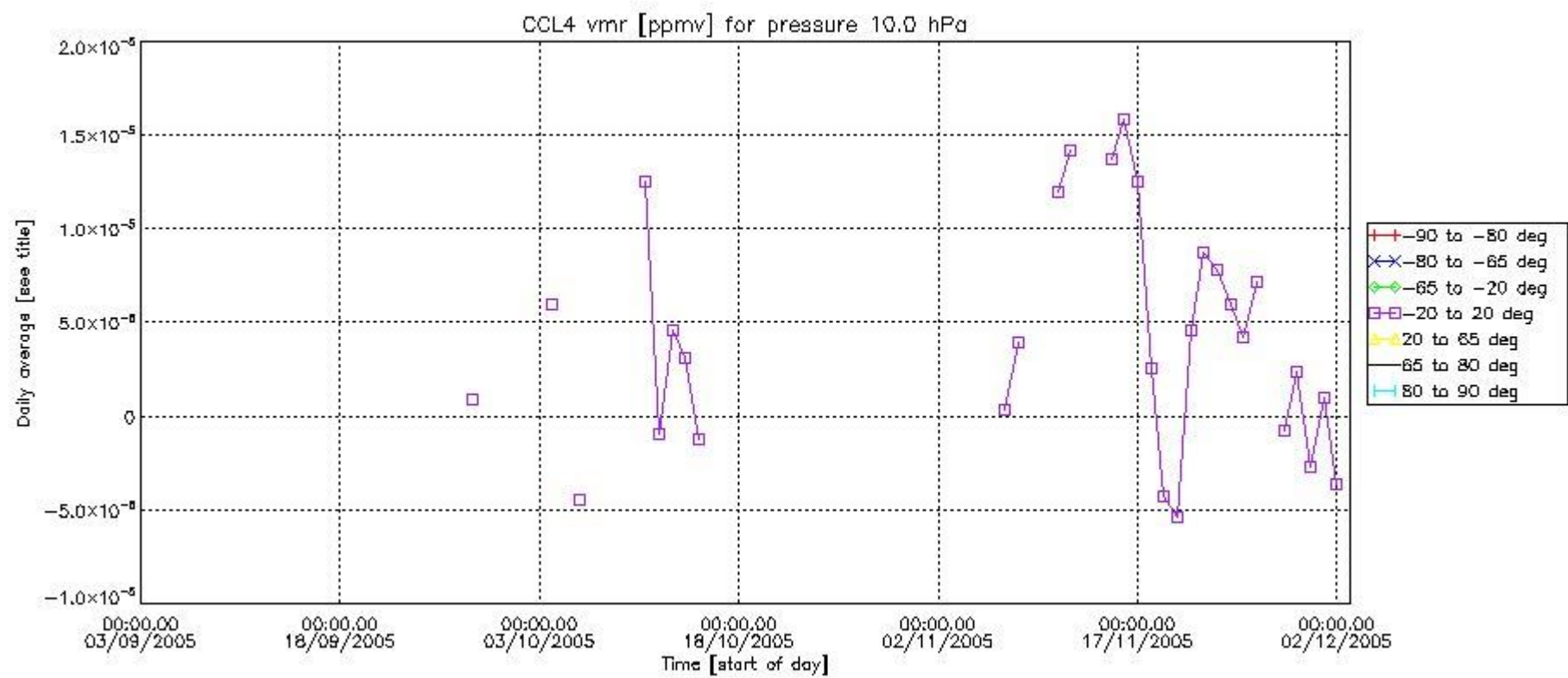
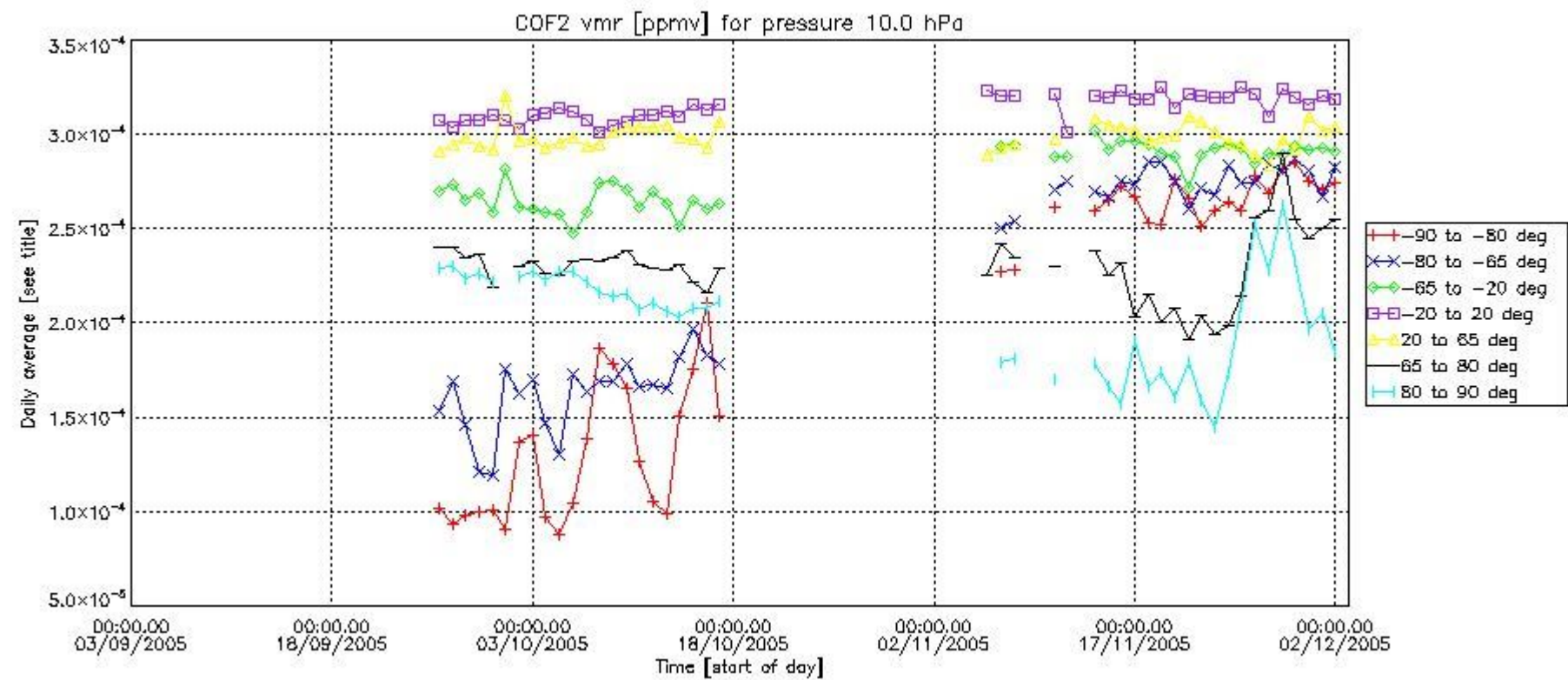


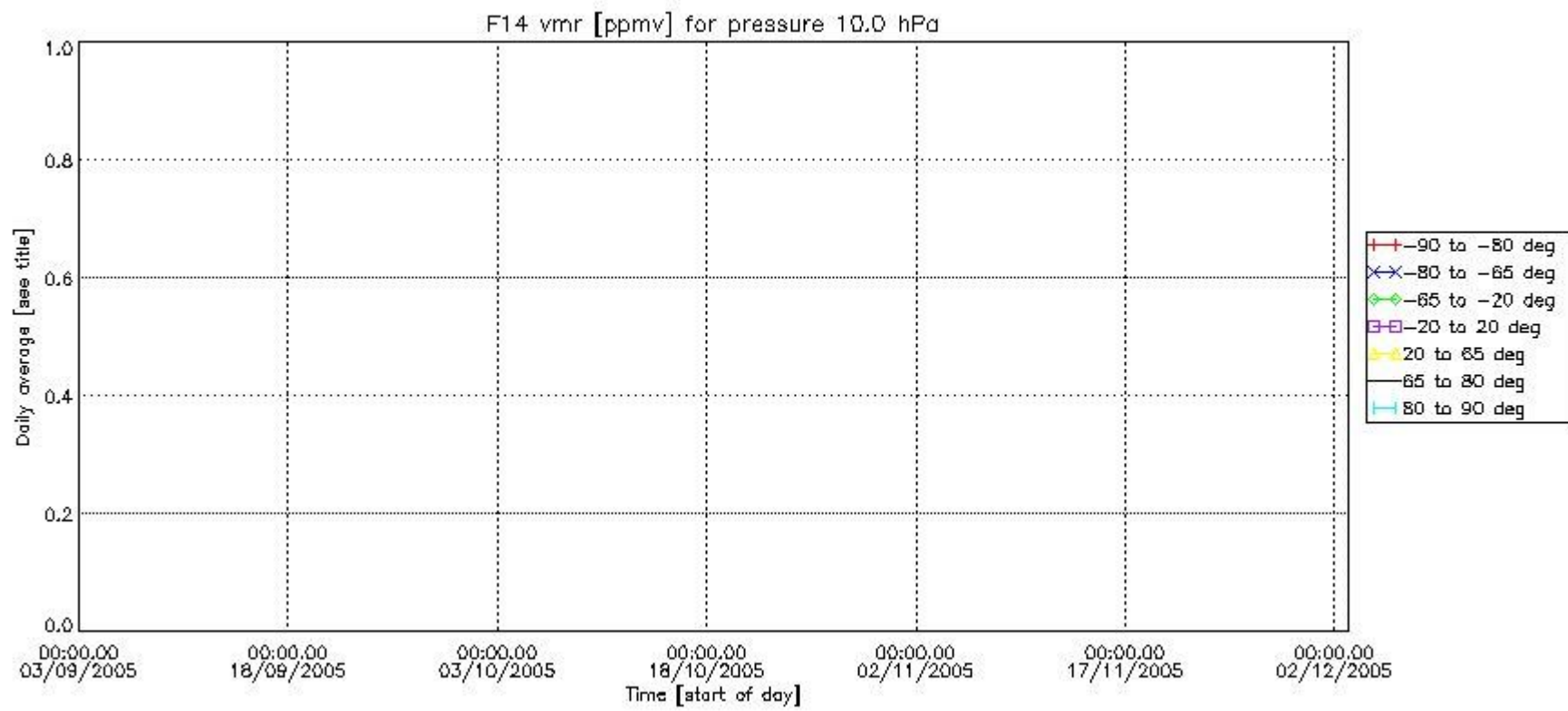
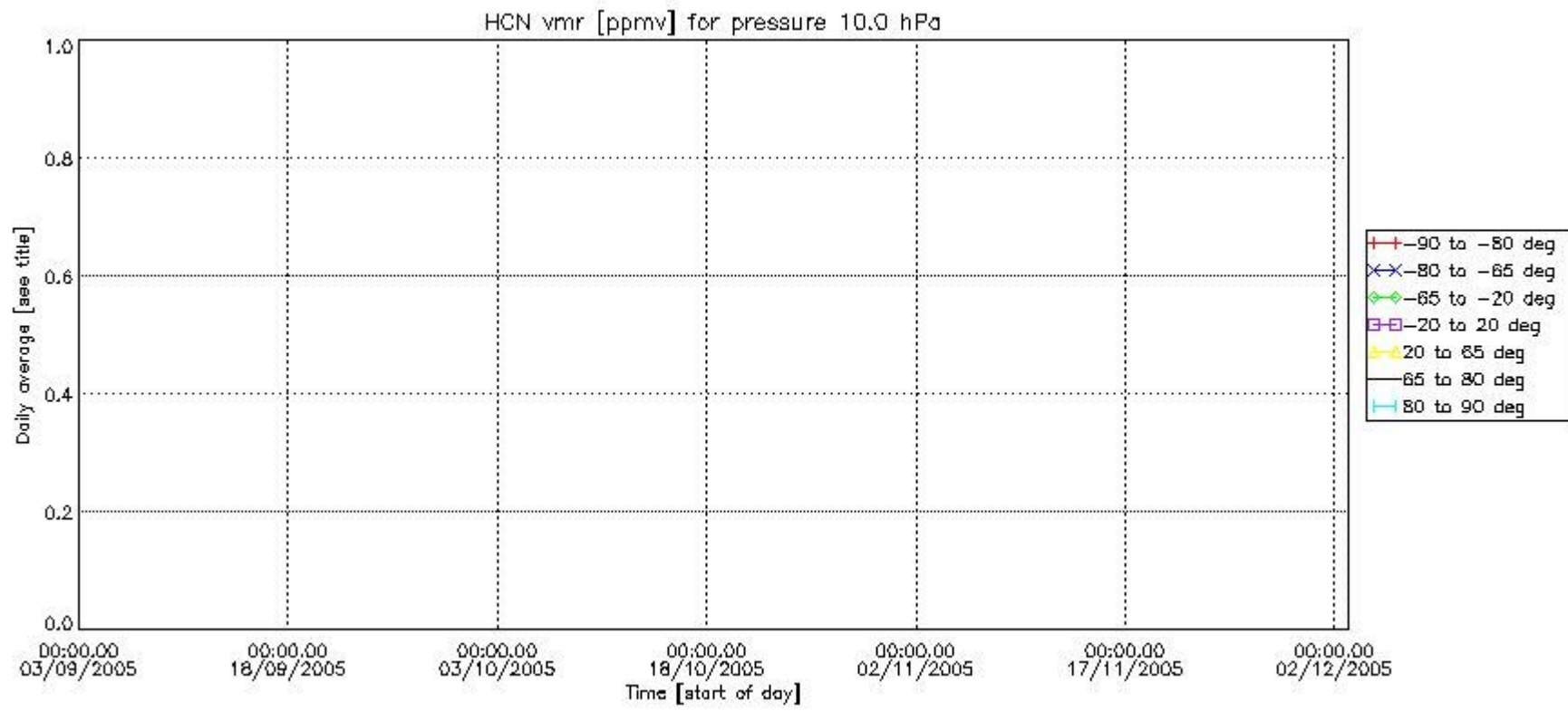


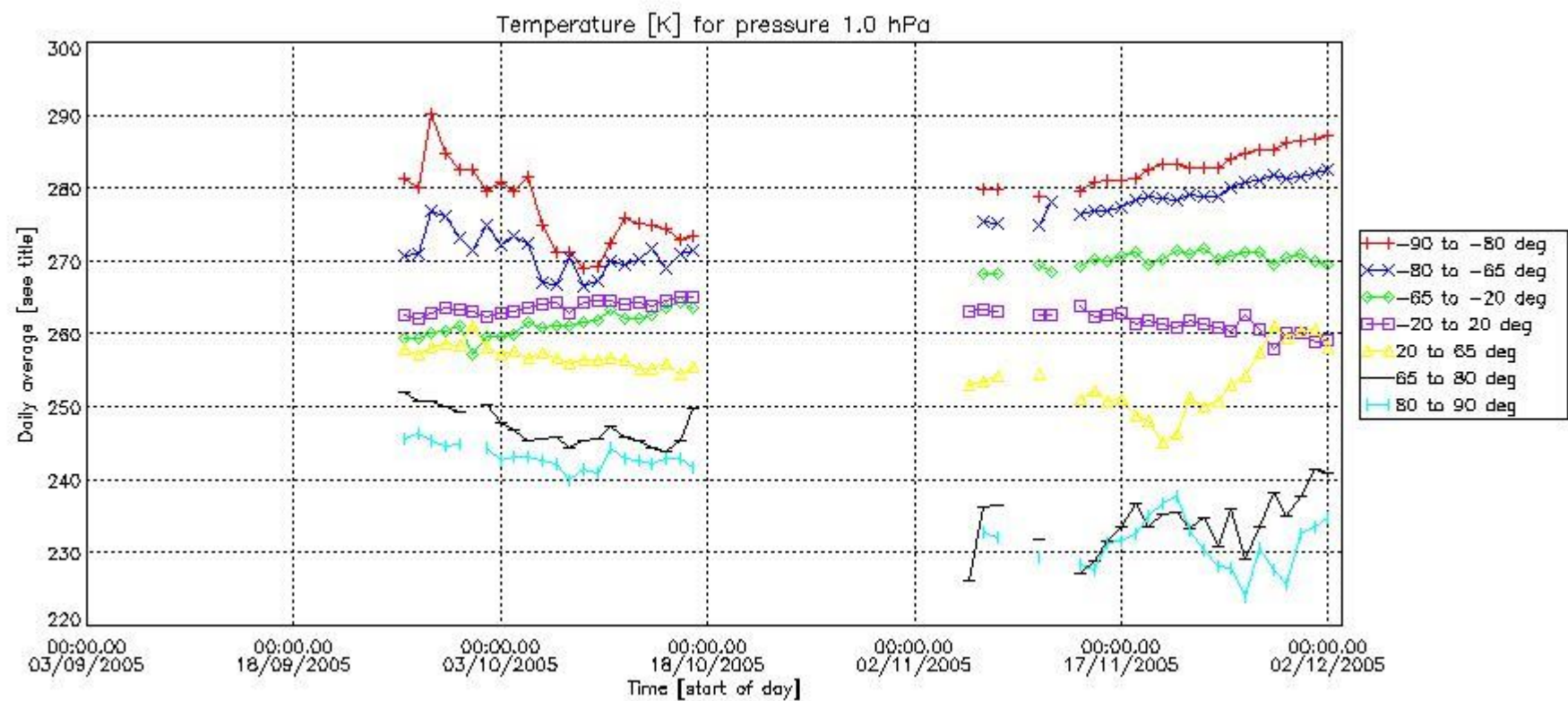
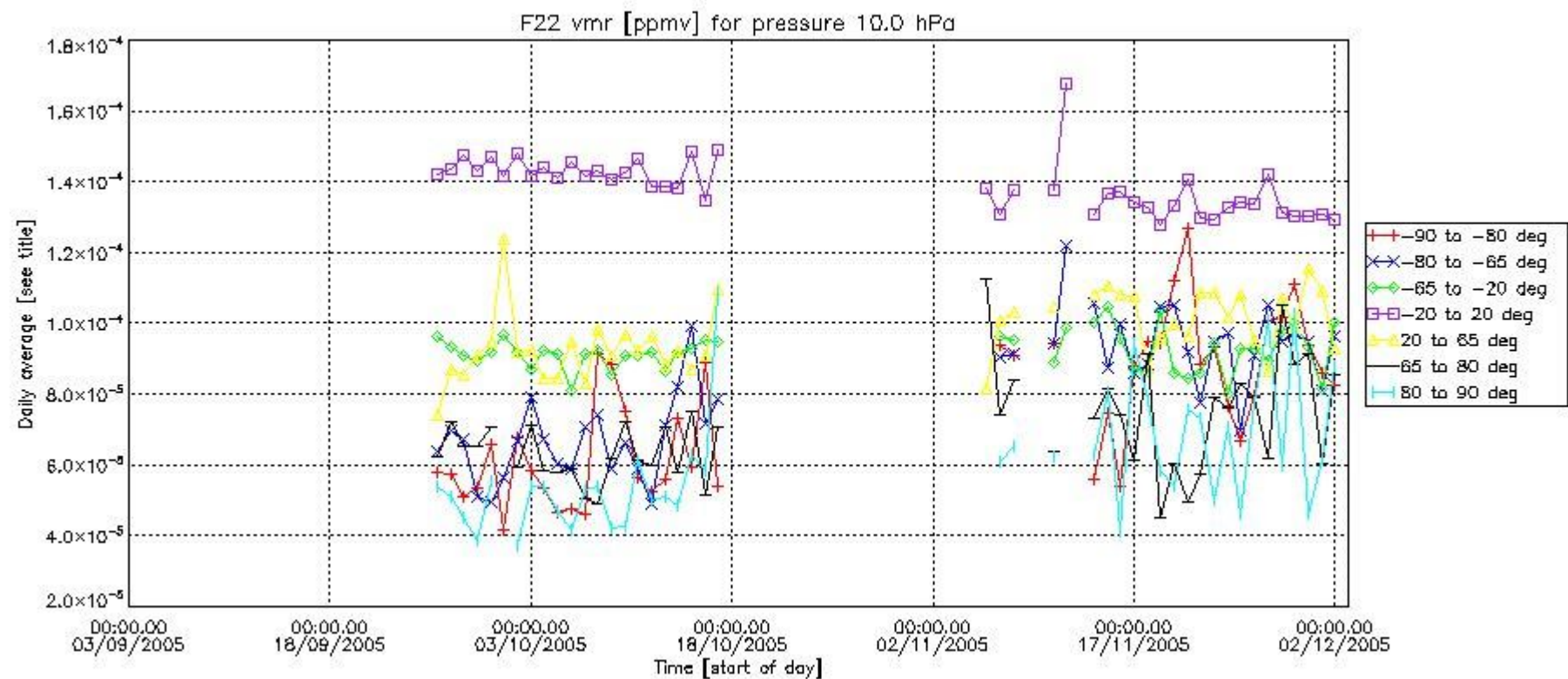


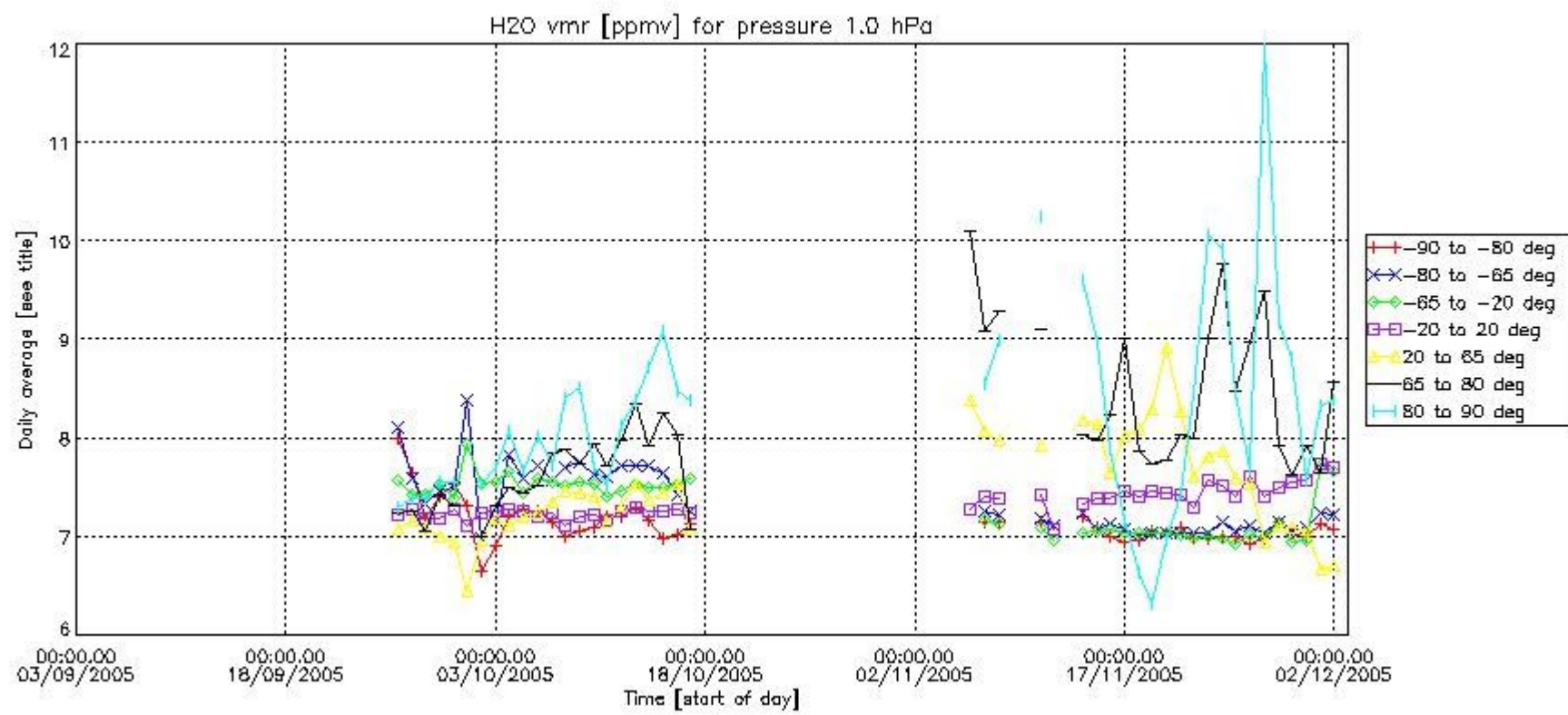
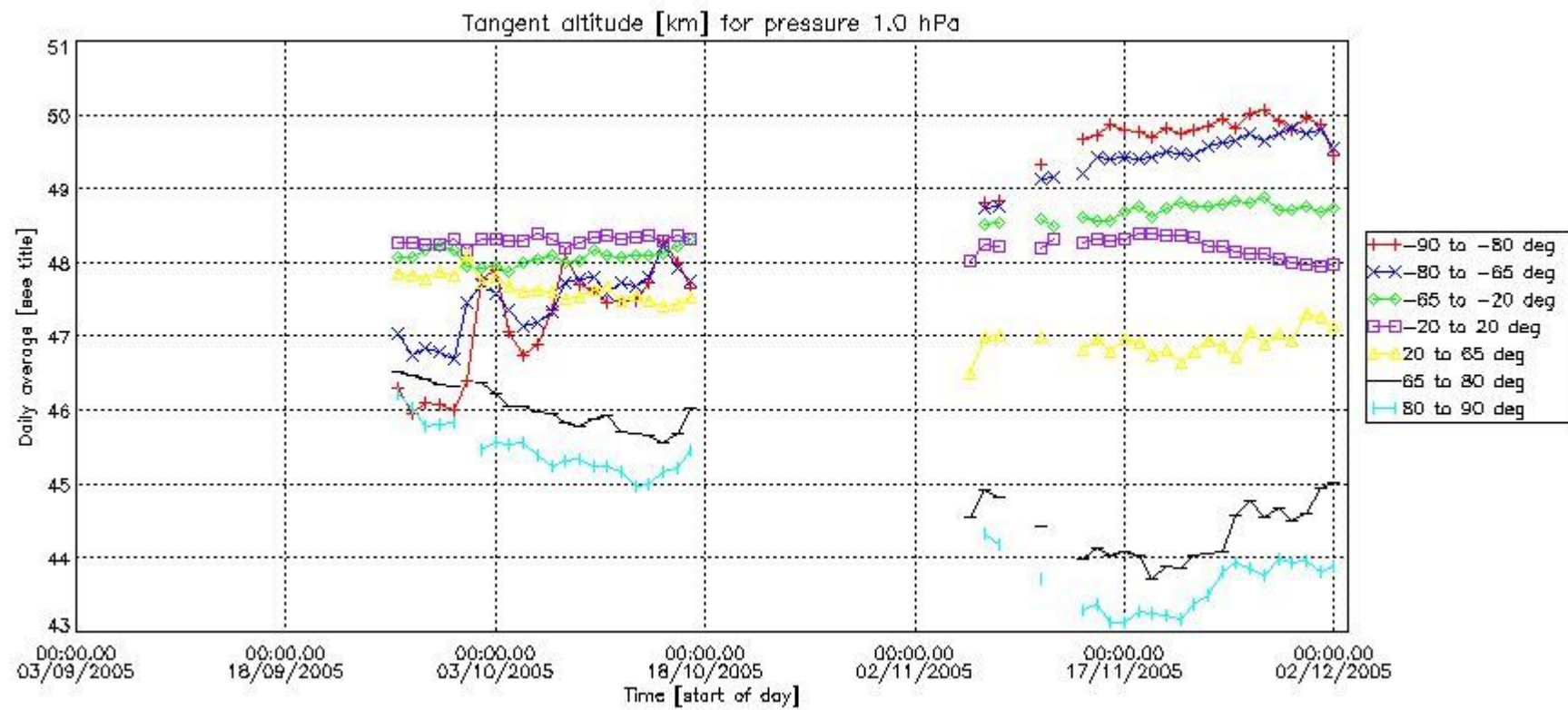


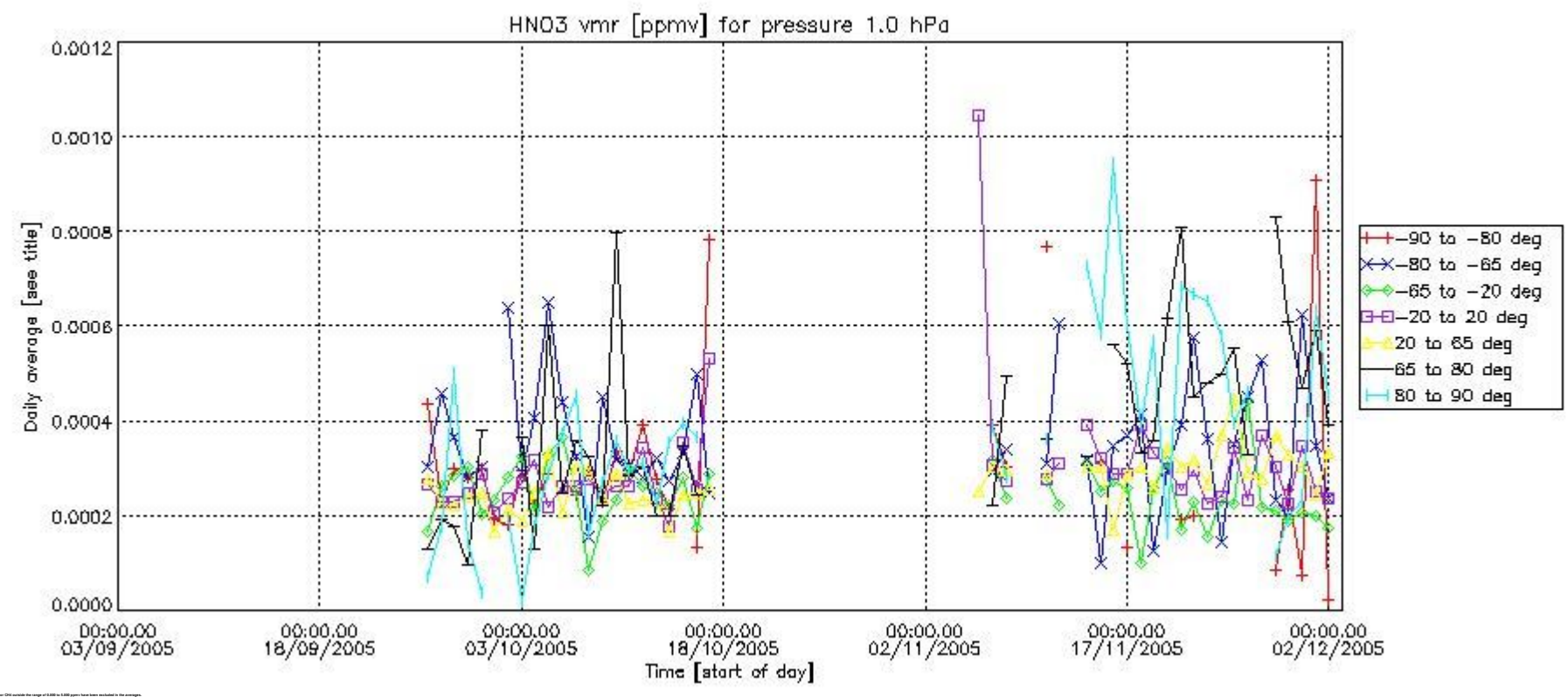
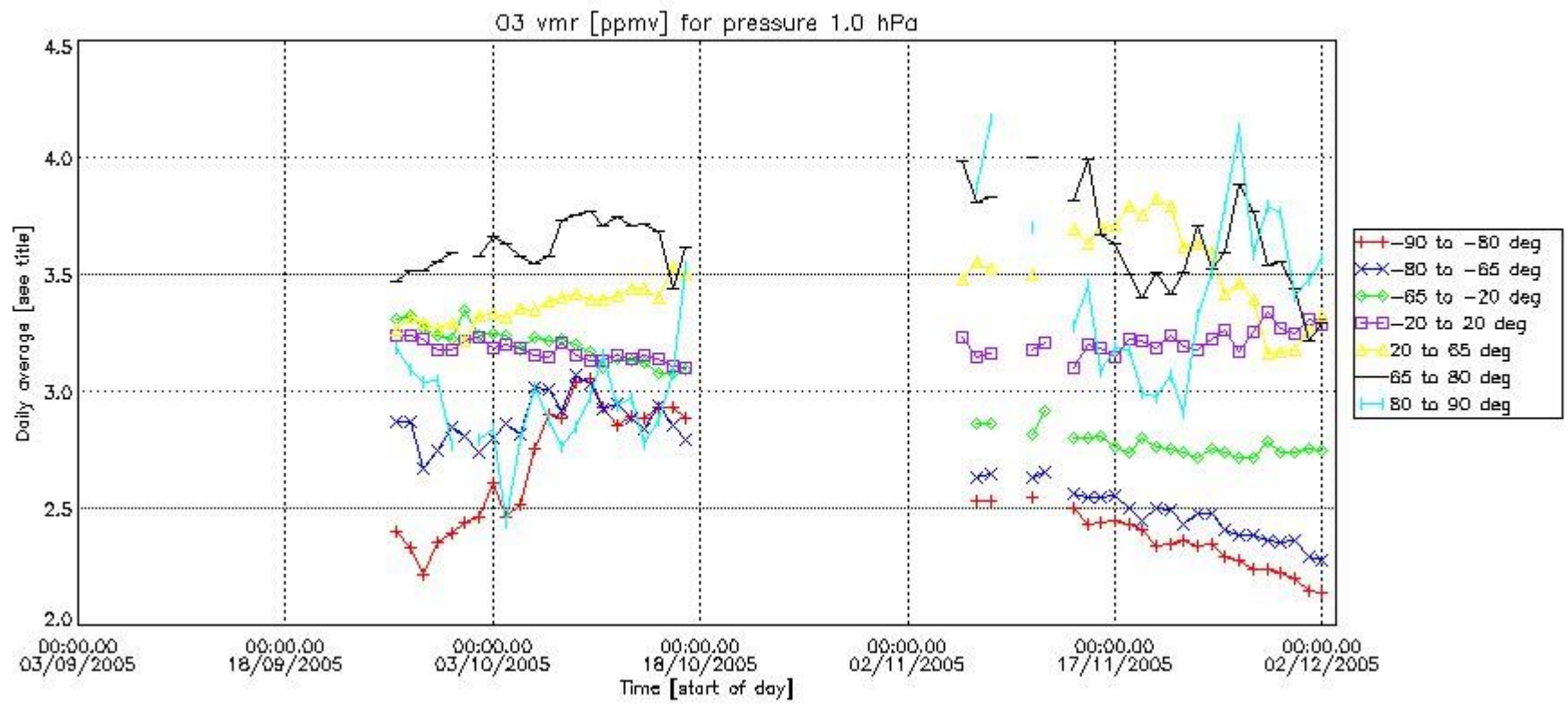


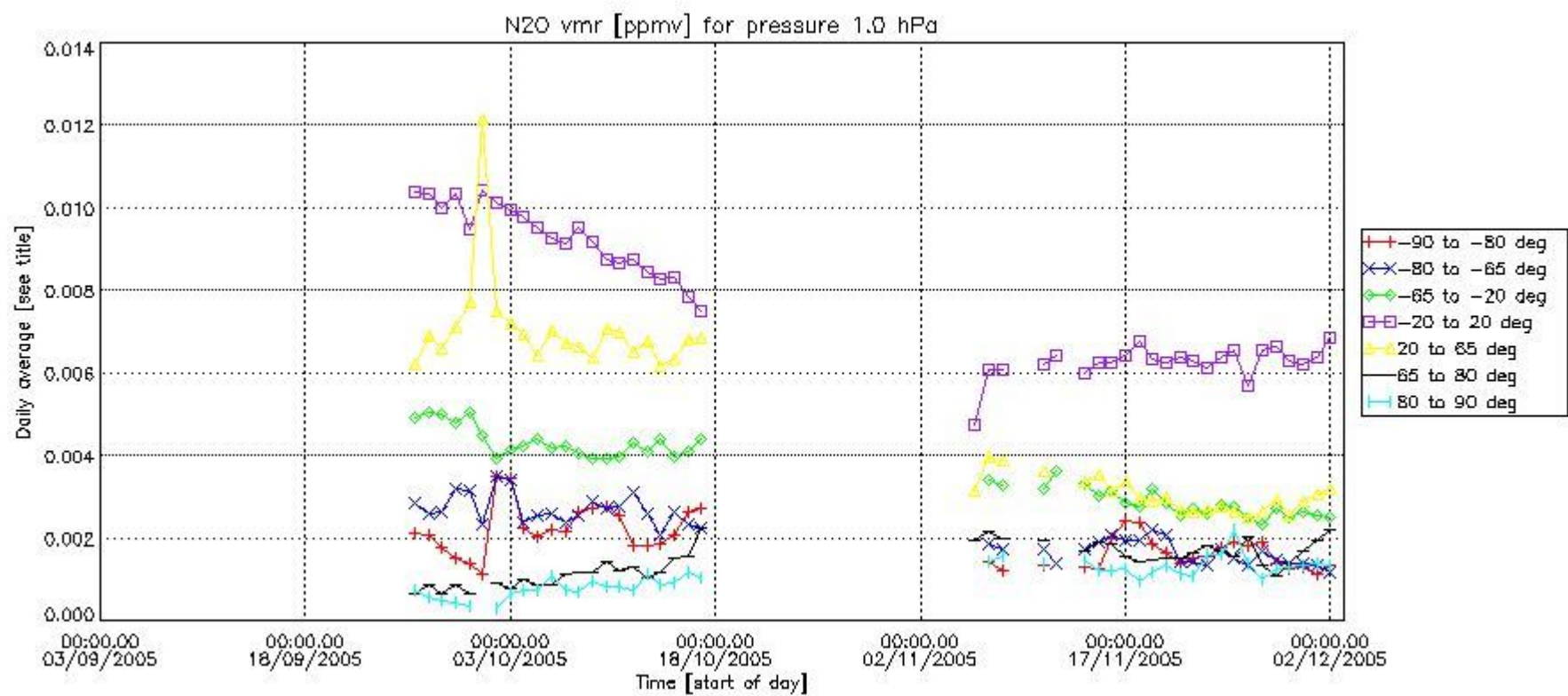
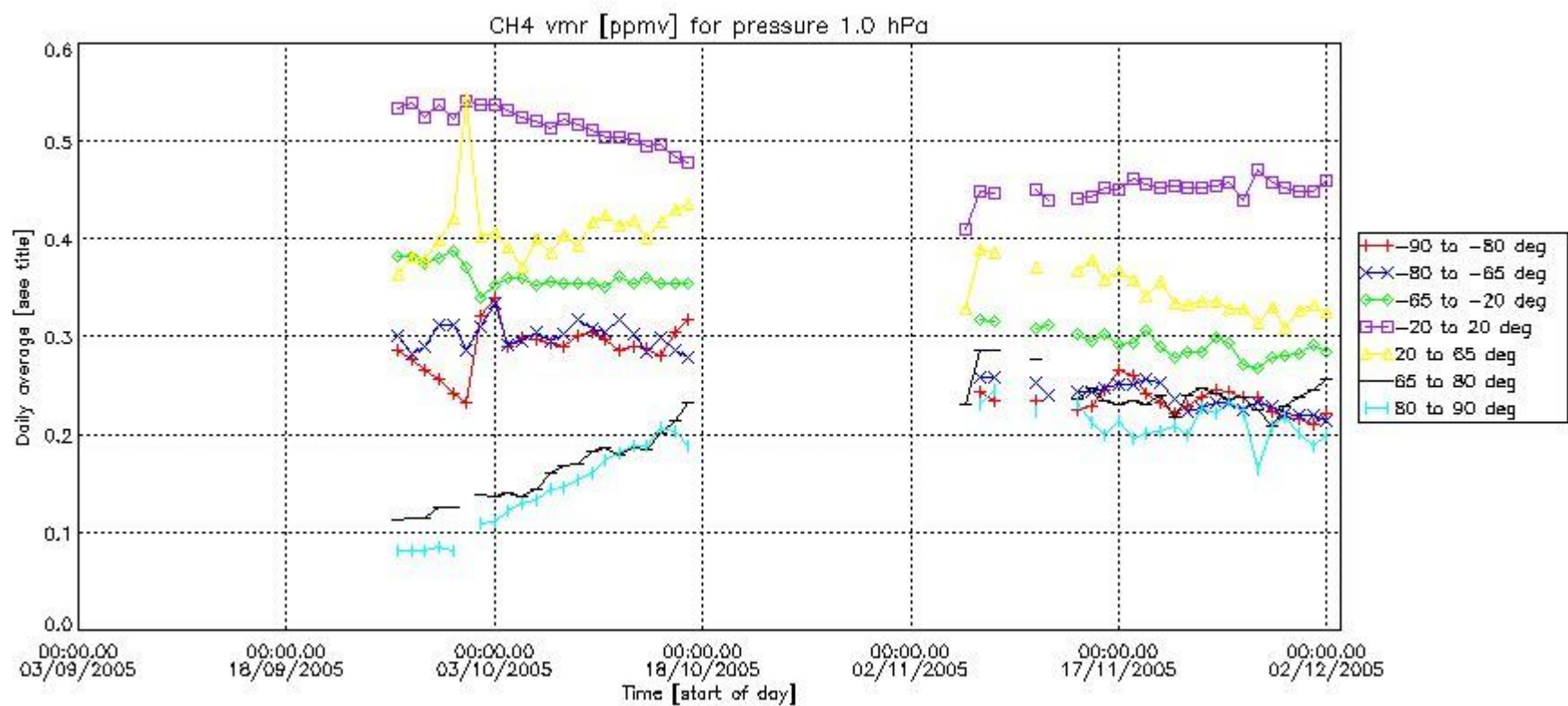


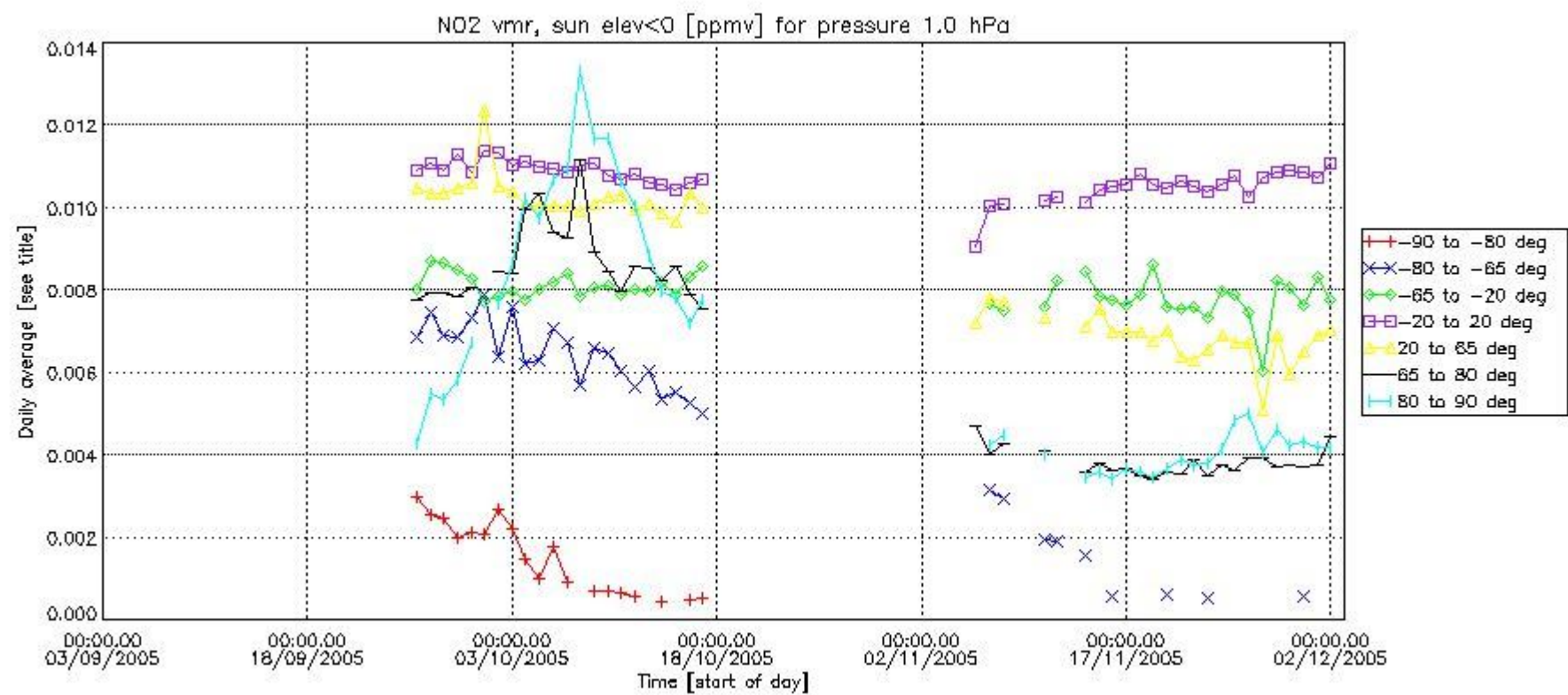
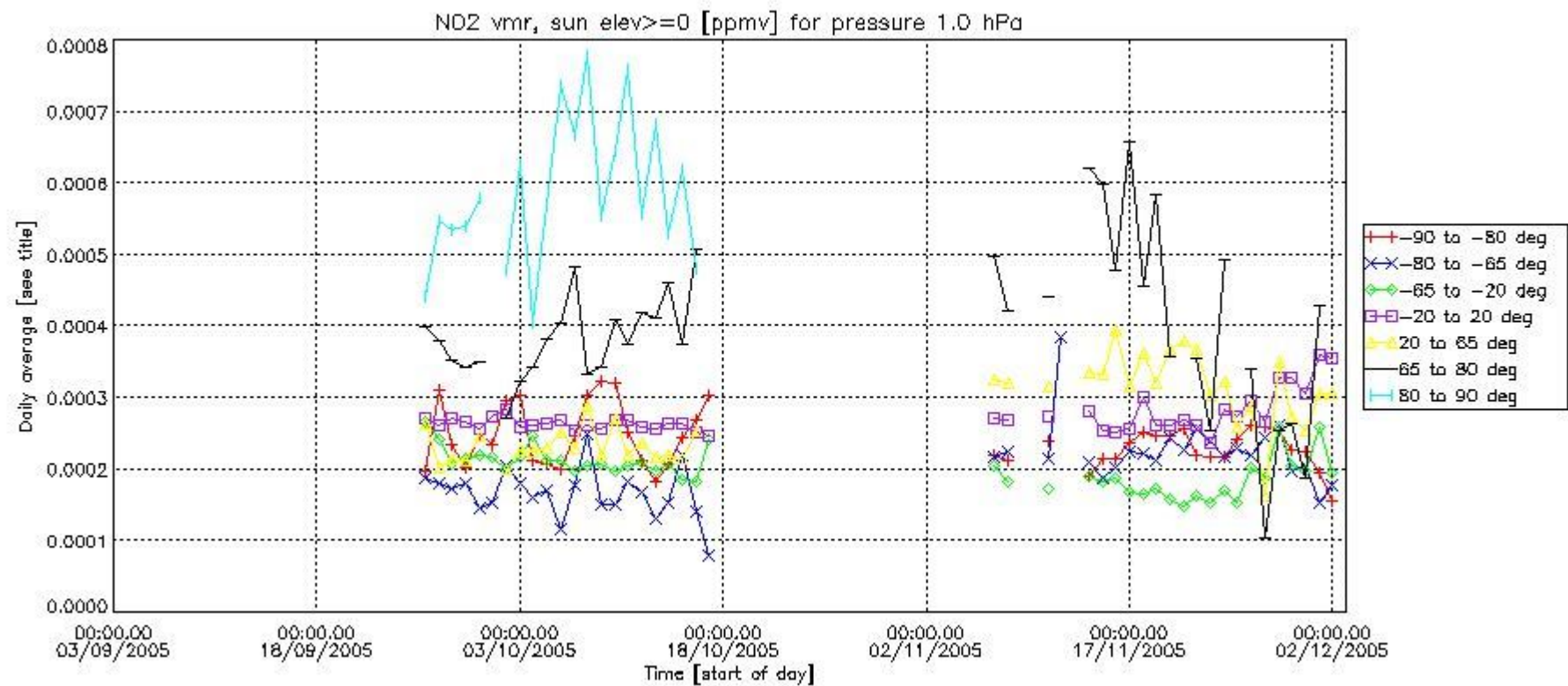


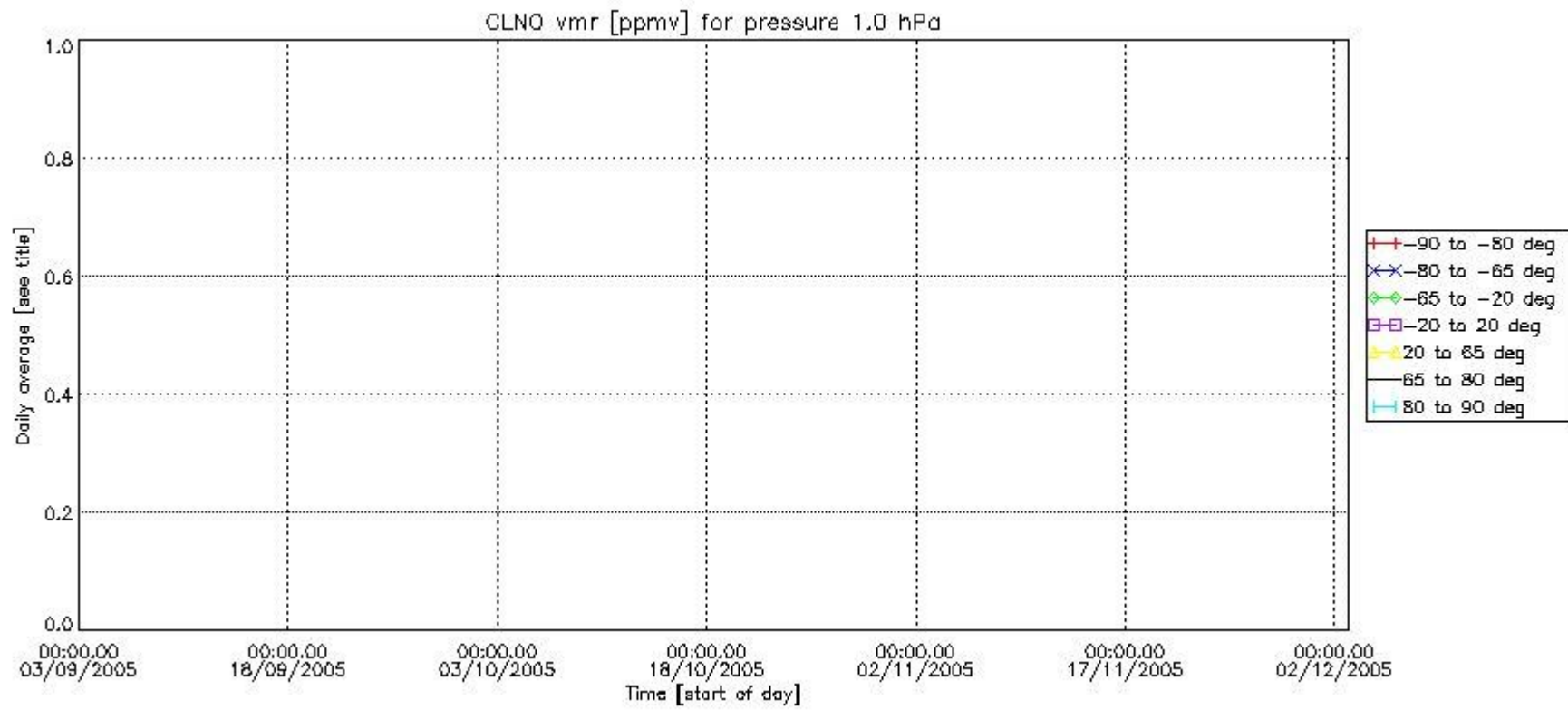
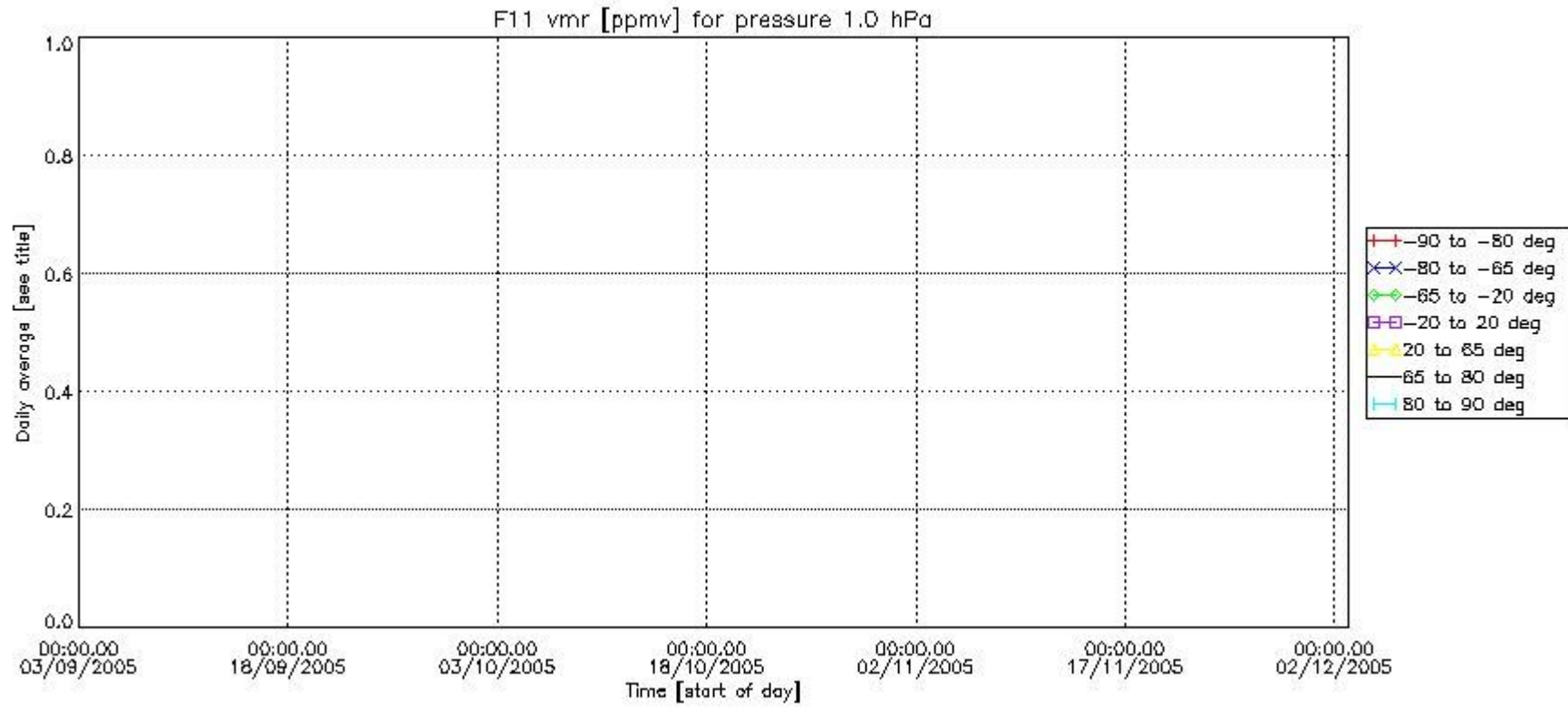


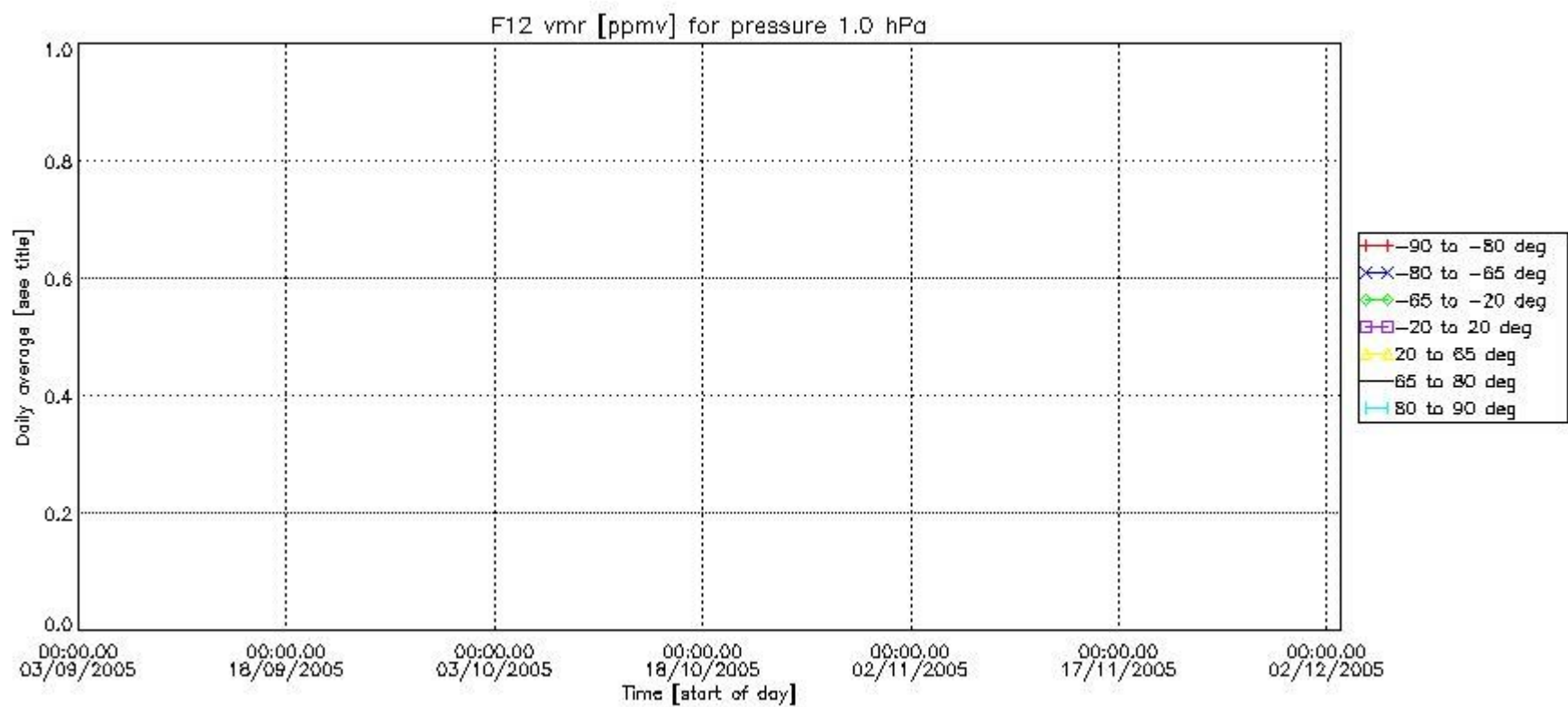
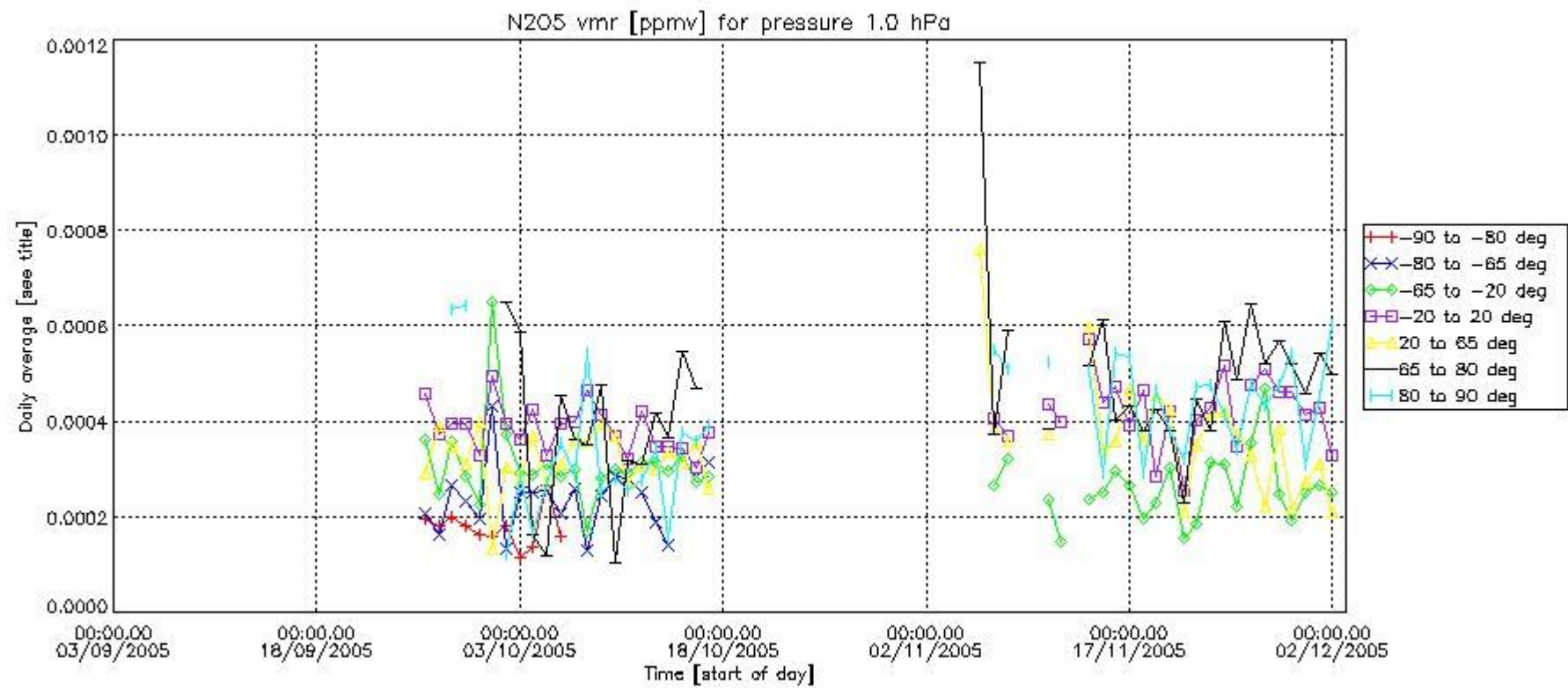


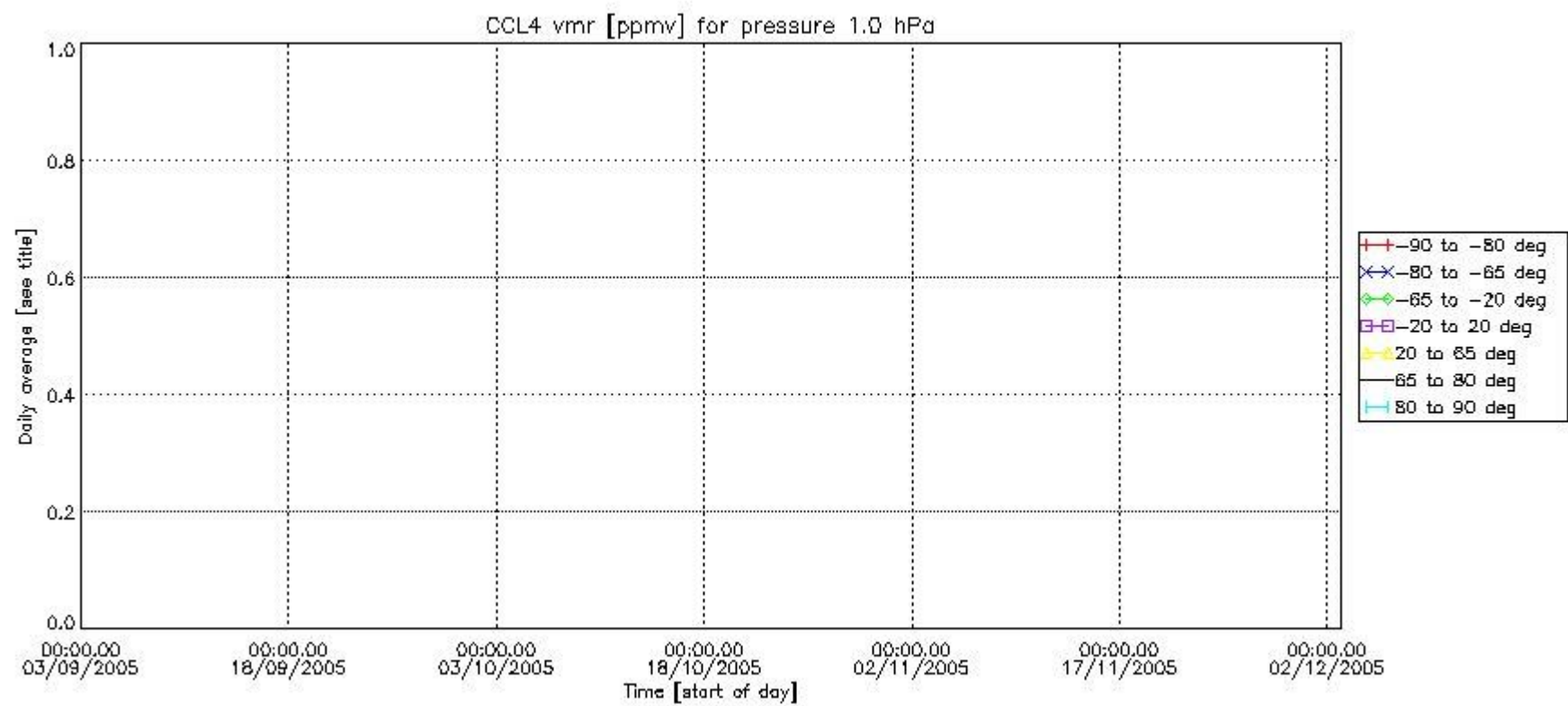
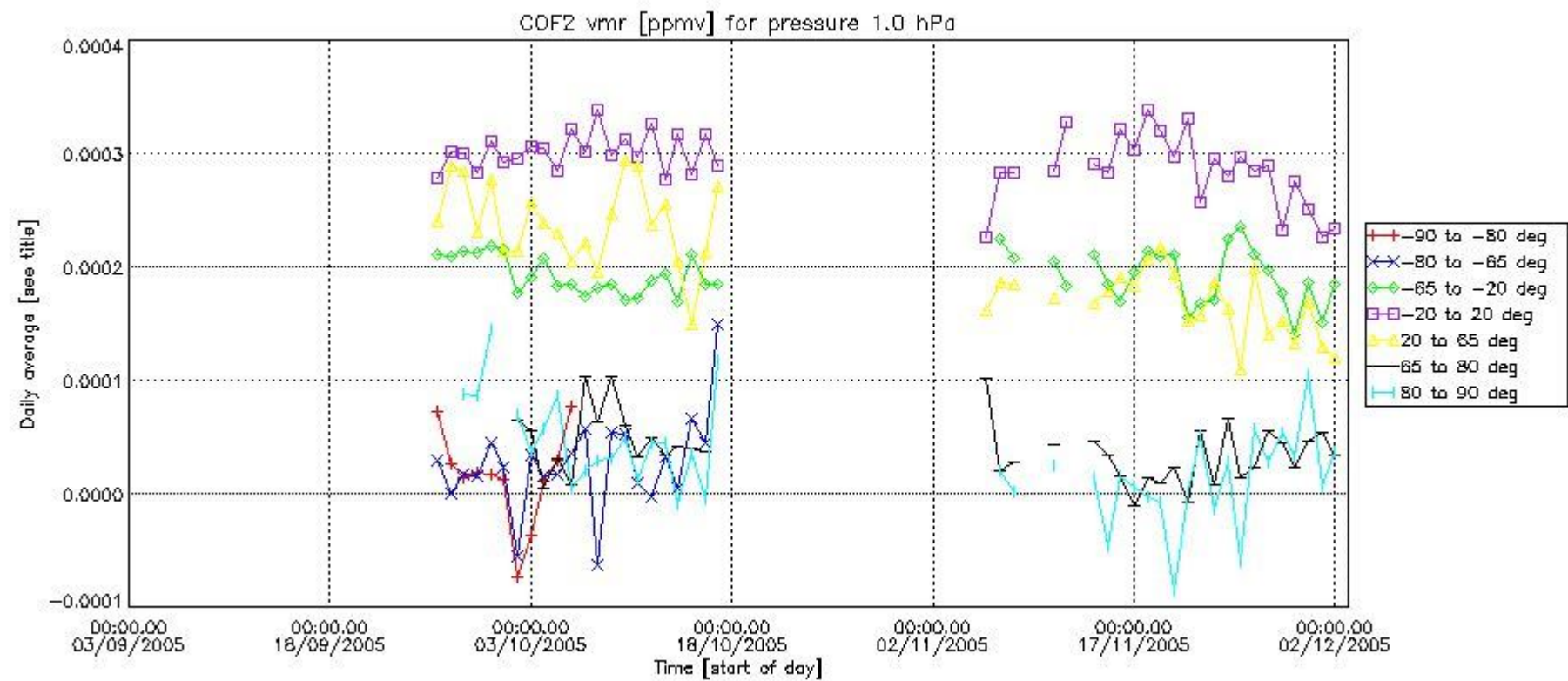


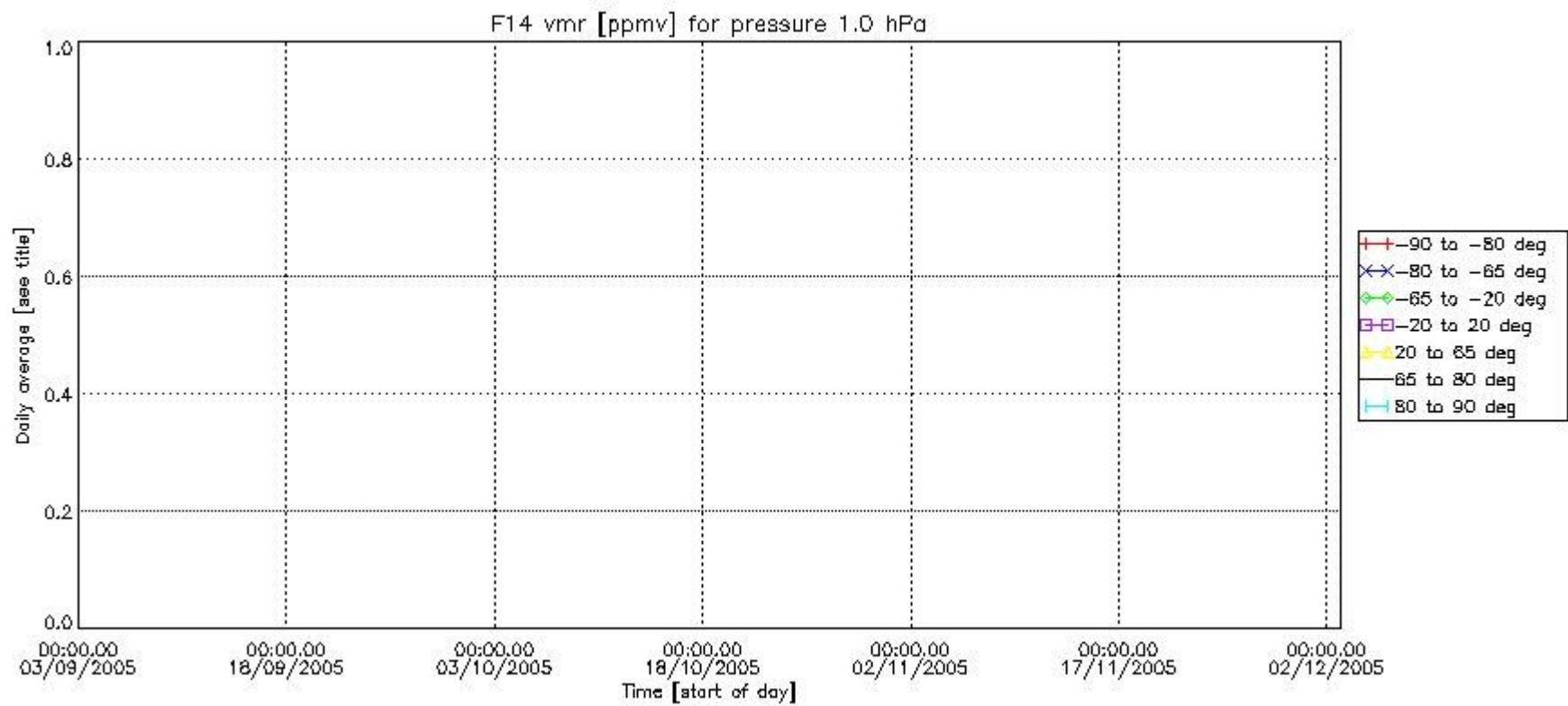
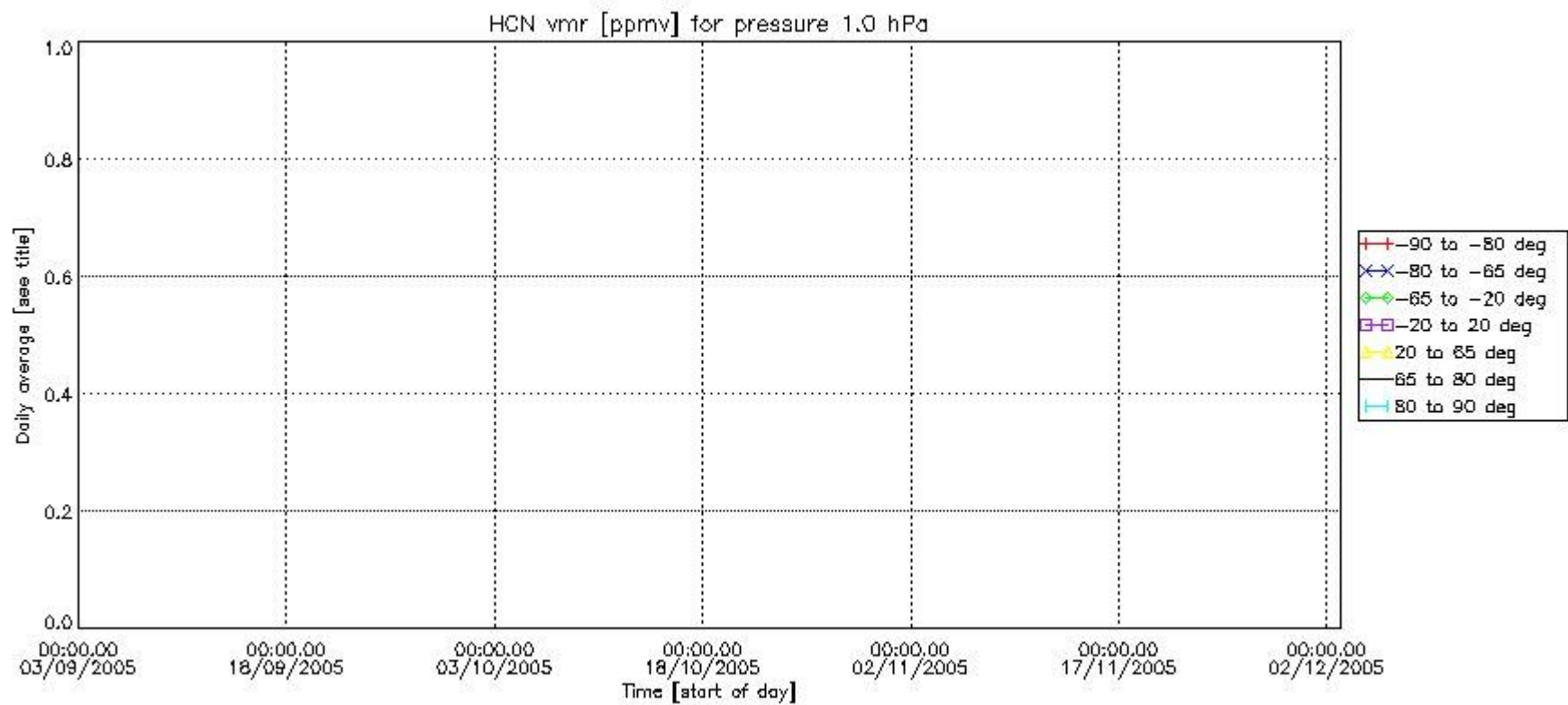


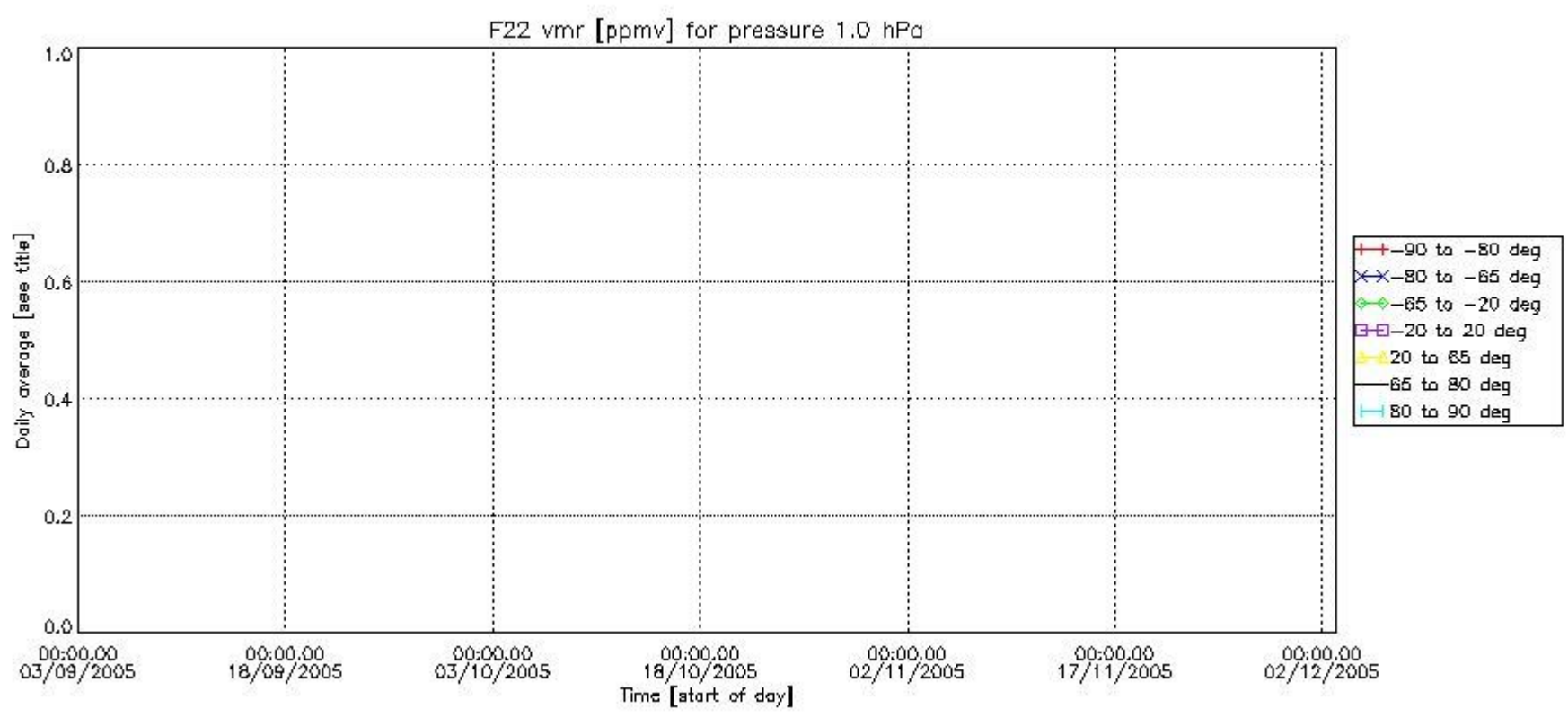












Number of successful retrievals vs. geolocation (*=day side , triangle=night side).

