

2. MIPAS Daily Report for level 2 products summary report

(See [mipas_daily_report_level2_ML2PP_7_03_W_20051204.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 17:23:37
Data source version	ML2PP/7.03-W
Processing scope for products	04DEC2005 00:00:00 to 05DEC2005 00:00:00
Start time of first product within scope	04DEC2005 00:27:30
Stop time of last product within scope	05DEC2005 01:32:05
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__2PWDSI20051204_002730_000057722043_00074_19667_1000.N1	04DEC2005 00:27:30	04DEC2005 02:03:42	0	127/127	VMR_TERM_MACRO_MICRO[F14/macro:1; HCN/micro:1]
1	MIP_NL__2PWDSI20051204_020432_000005202043_00075_19668_1000.N1	04DEC2005 02:04:32	04DEC2005 02:13:13	0	12/12	
2	MIP_NL__2PWDSI20051204_121141_000057822043_00081_19674_1000.N1	04DEC2005 12:11:41	04DEC2005 13:48:03	0	109/109	P_T_TERM_MACRO_MICRO[micro:1], VMR_TERM_MACRO_MICRO[HCN/macro:1; F14/macro:1; HCN/micro:1]
3	MIP_NL__2PWDSI20051204_134853_000004762043_00082_19675_1000.N1	04DEC2005 13:48:53	04DEC2005 13:56:50	0	11/11	
4	MIP_NL__2PWDSI20051204_235553_000057722043_00088_19681_1000.N1	04DEC2005 23:55:53	05DEC2005 01:32:05	0	127/127	VMR_TERM_MACRO_MICRO[HCN/macro:1]

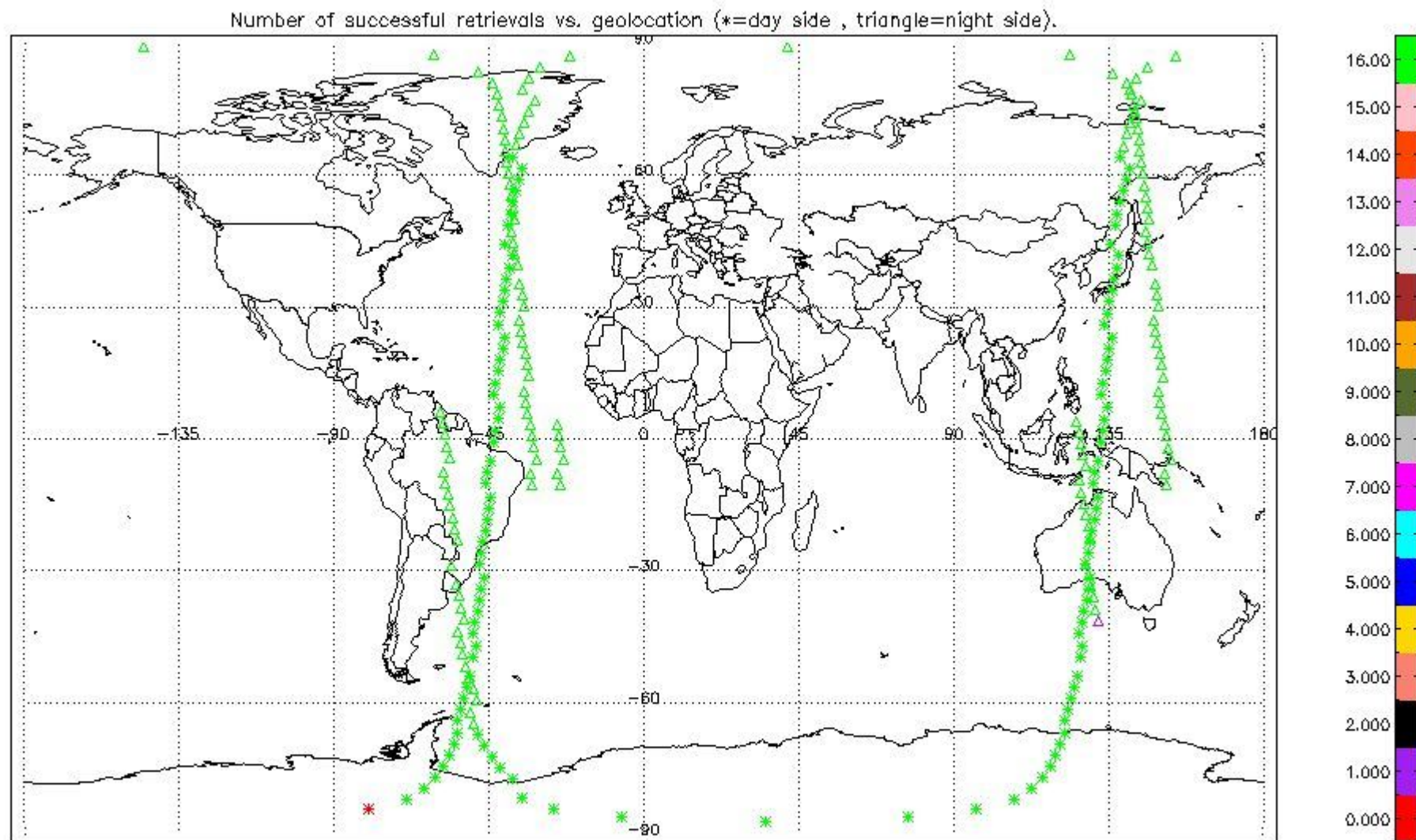
2.2 Processing performance indicators

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.

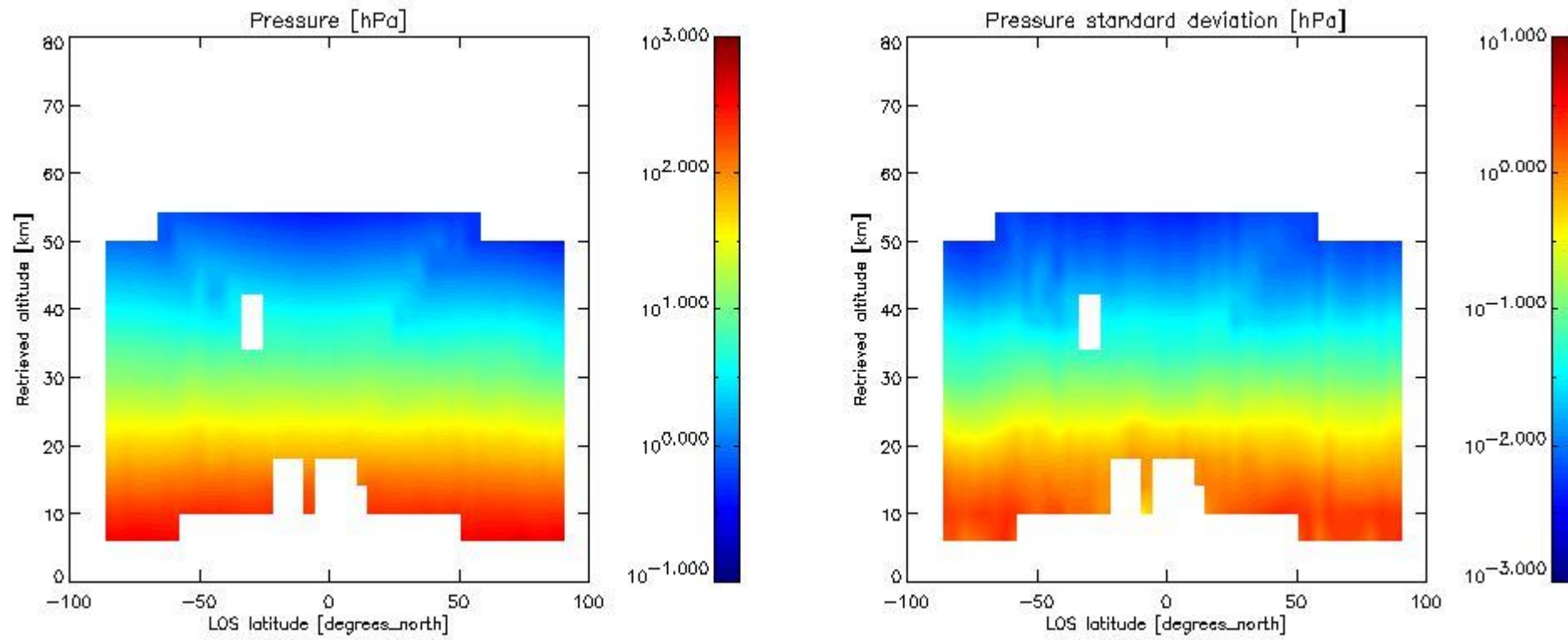
RETRIEVAL MDS	# scans processed	# Successful retrievals	%
PT	386	264	68.394
H2O	386	263	68.135
O3	386	263	68.135
HNO3	386	263	68.135
CH4	386	263	68.135

N2O	386	263	68.135
NO2	386	263	68.135
F11	386	263	68.135
CLNO	386	263	68.135
N2O5	386	263	68.135
F12	386	263	68.135
COF2	386	263	68.135
CCL4	386	263	68.135
HCN	386	263	68.135
F14	386	263	68.135
F22	386	263	68.135



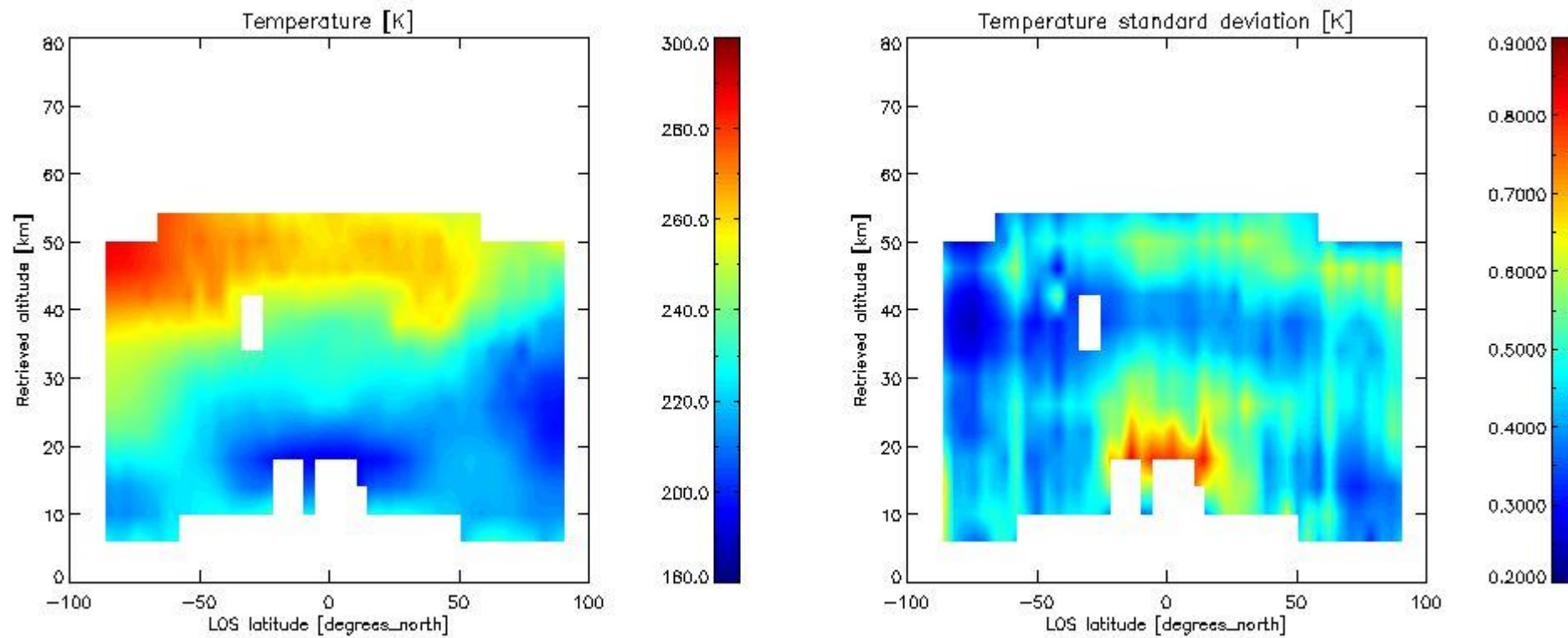
2.2.2 Pressure overview

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



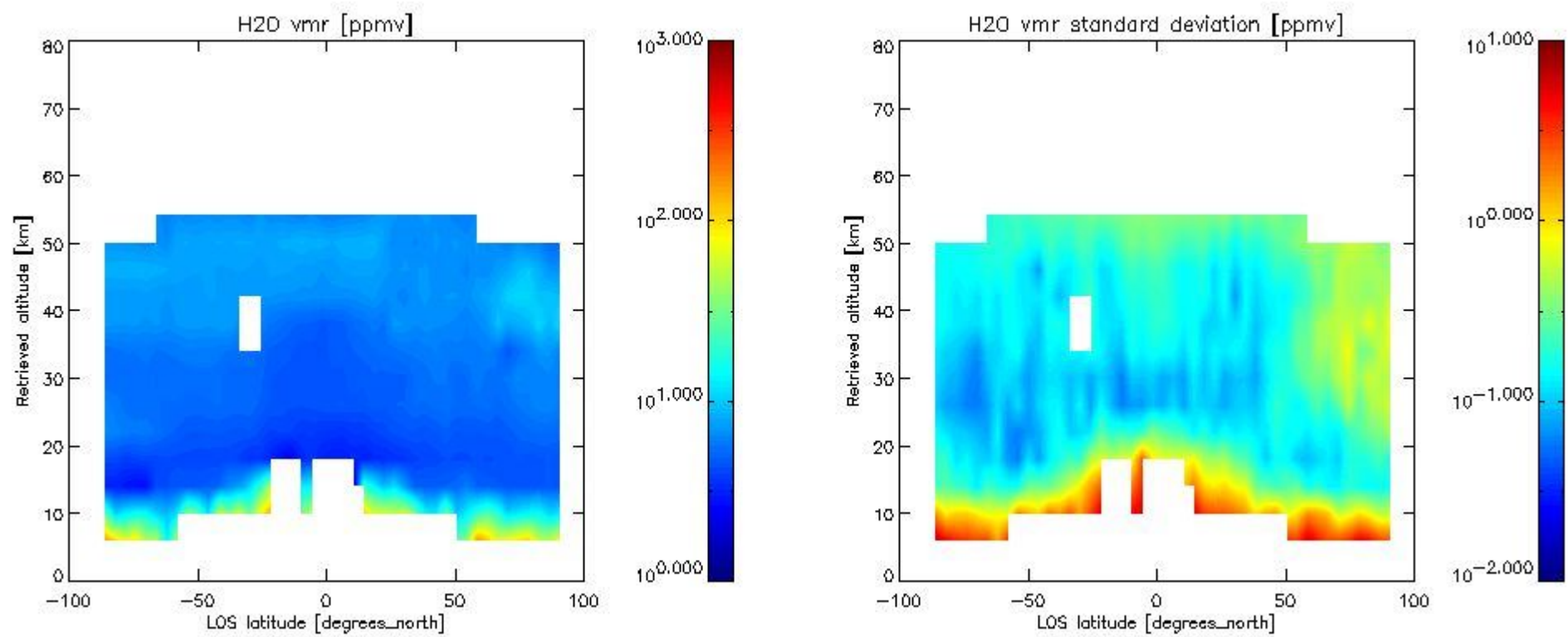
2.2.3 Temperature overview

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

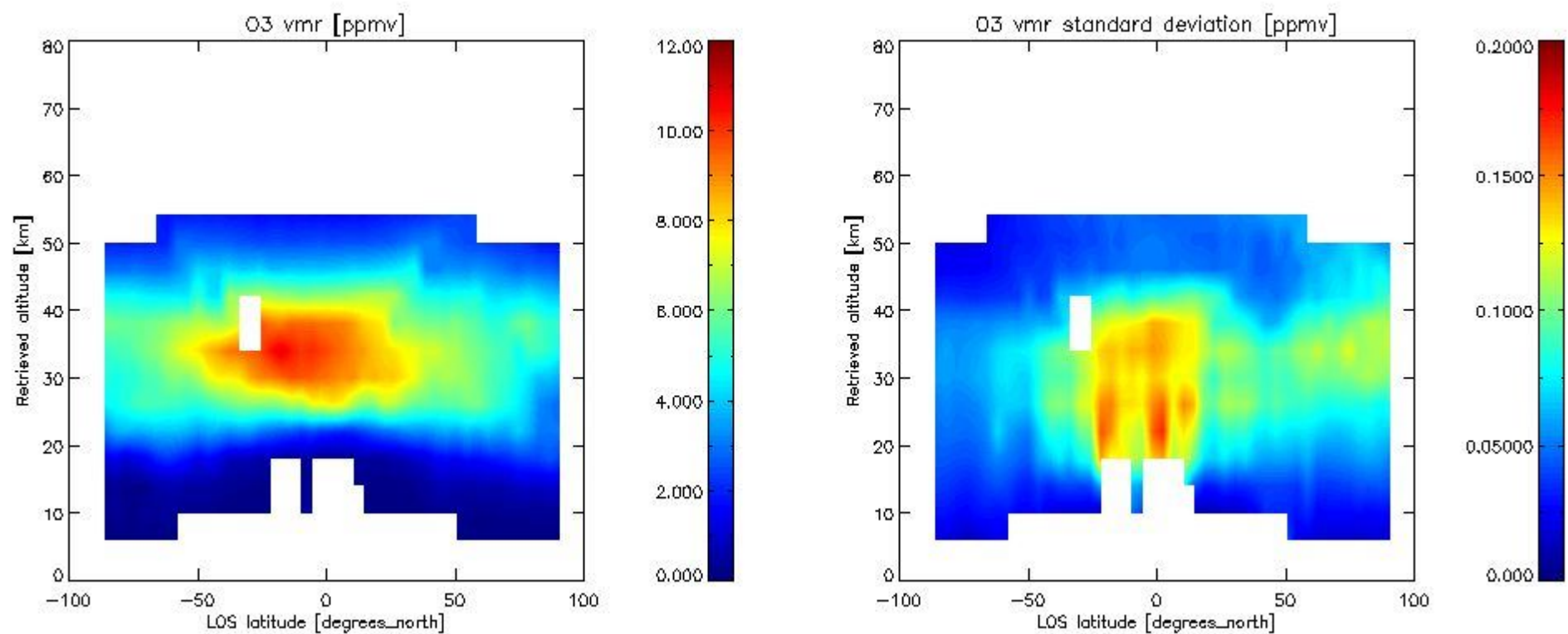


2.2.4 Species overview

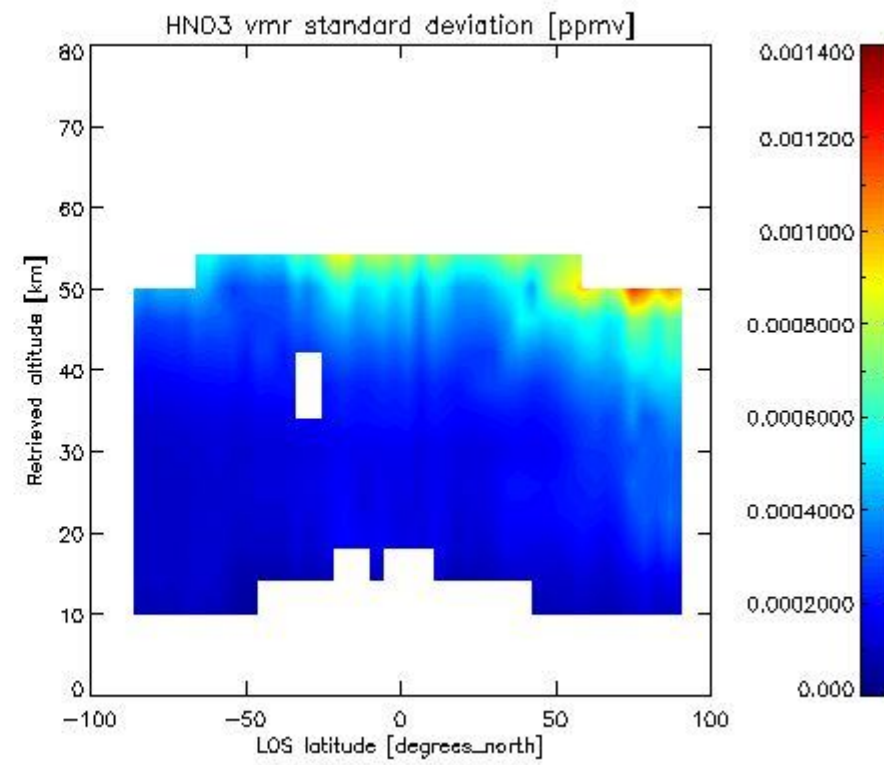
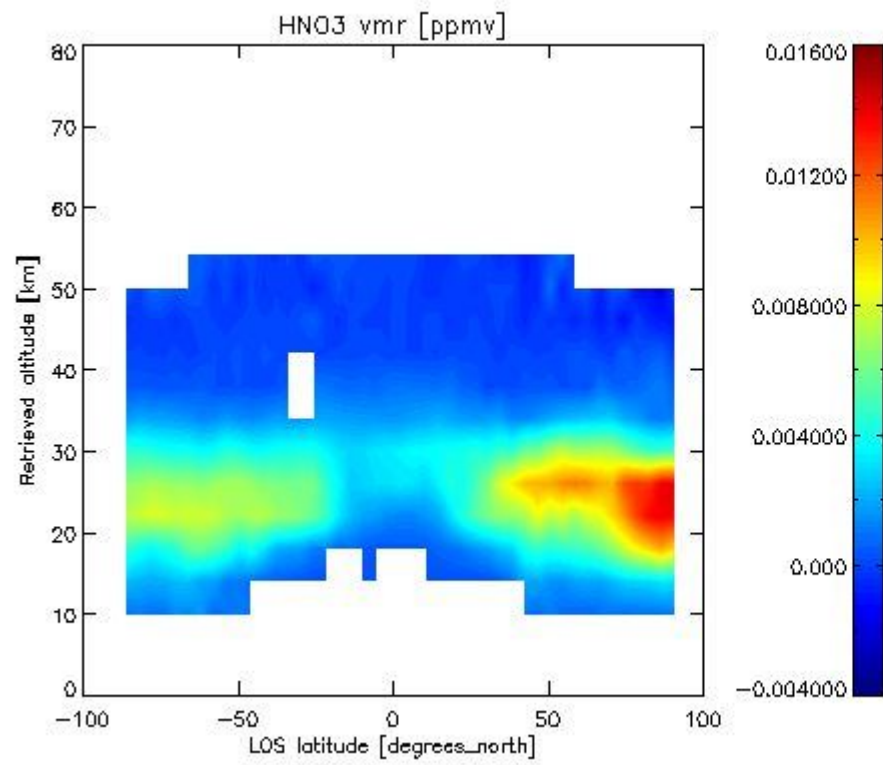
2.2.4.1 H2O overview This section shows values (left) and error (right) for H2O after binning individual sweep values over retrieved altitude and tangent latitude.



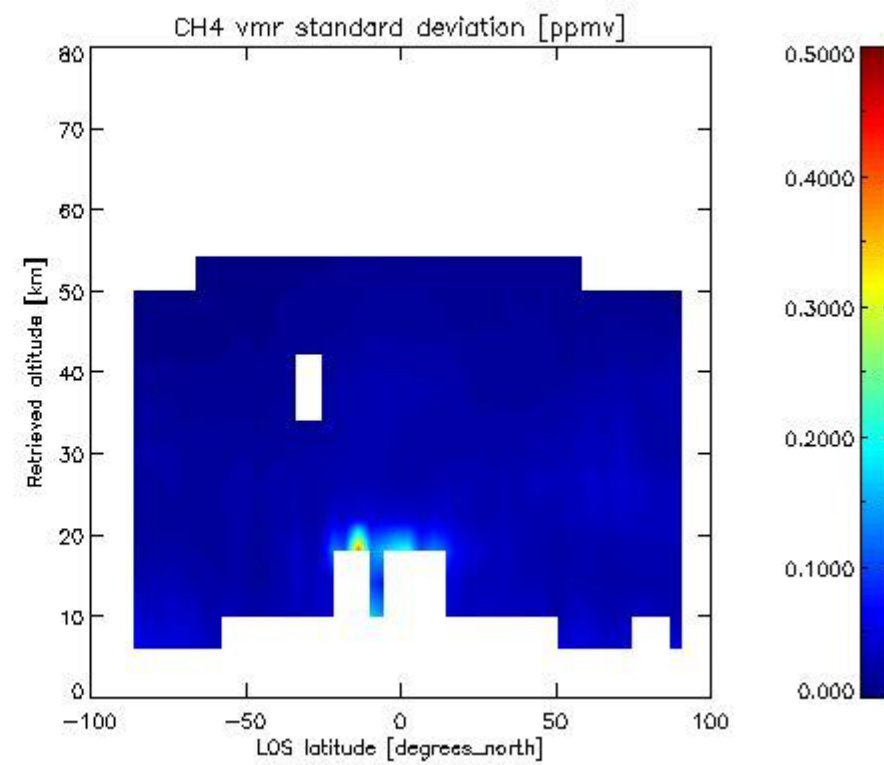
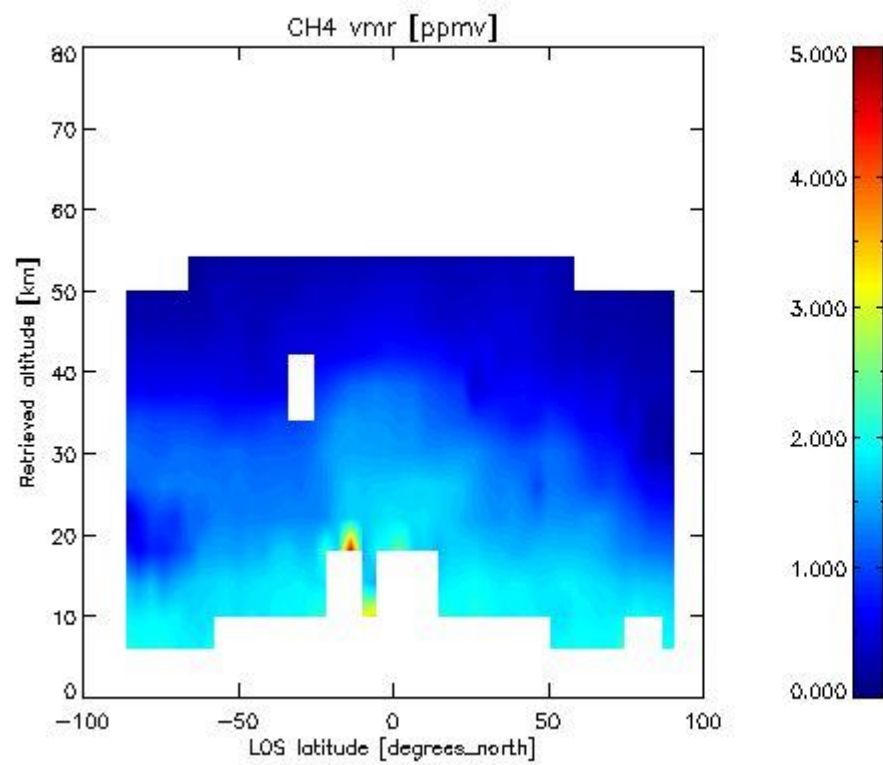
2.2.4.2 O₃ overview This section shows values (left) and error (right) for O₃ after binning individual sweep values over retrieved altitude and tangent latitude.



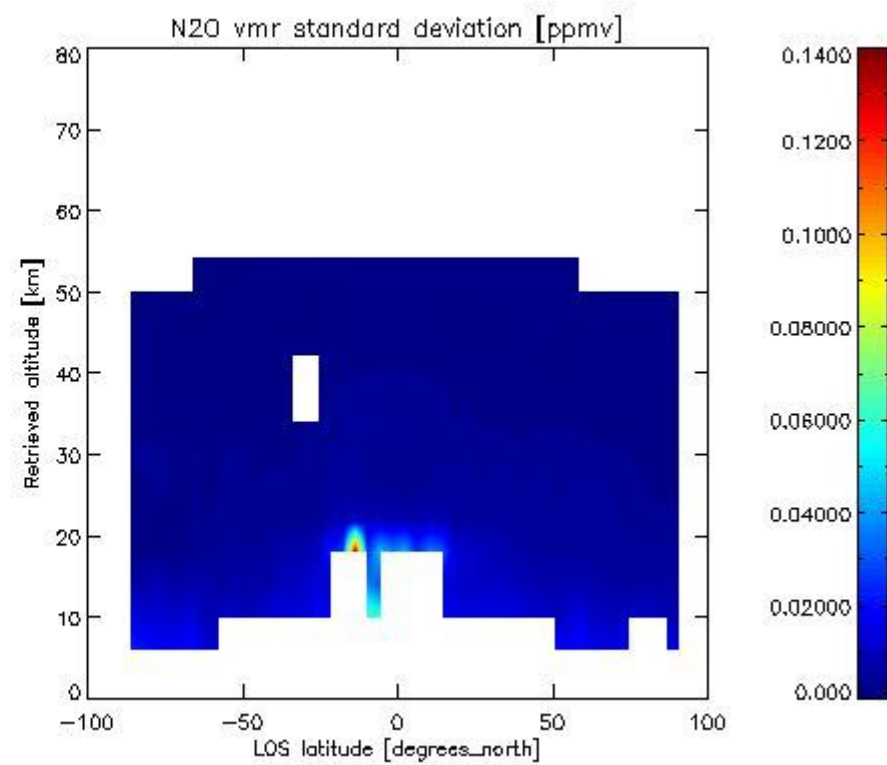
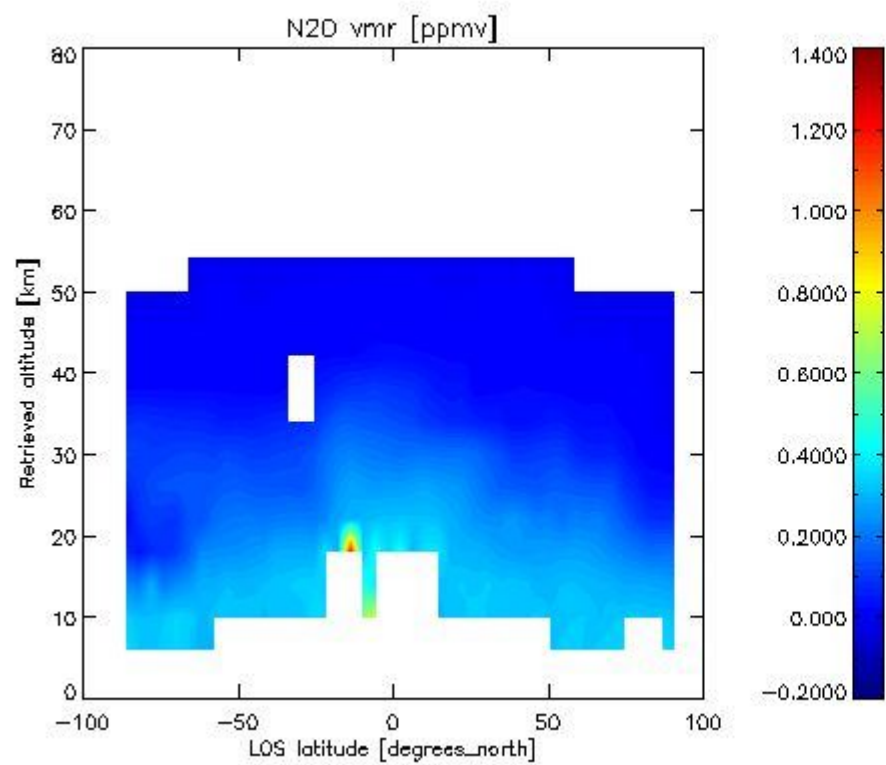
2.2.4.3 HNO₃ overview This section shows values (left) and error (right) for HNO₃ after binning individual sweep values over retrieved altitude and tangent latitude.



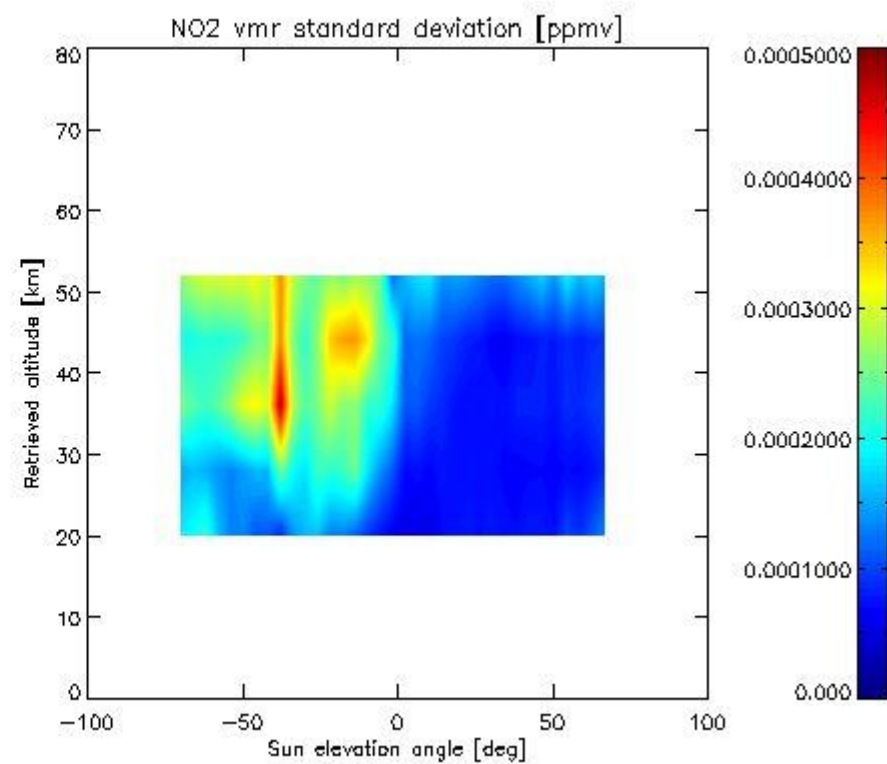
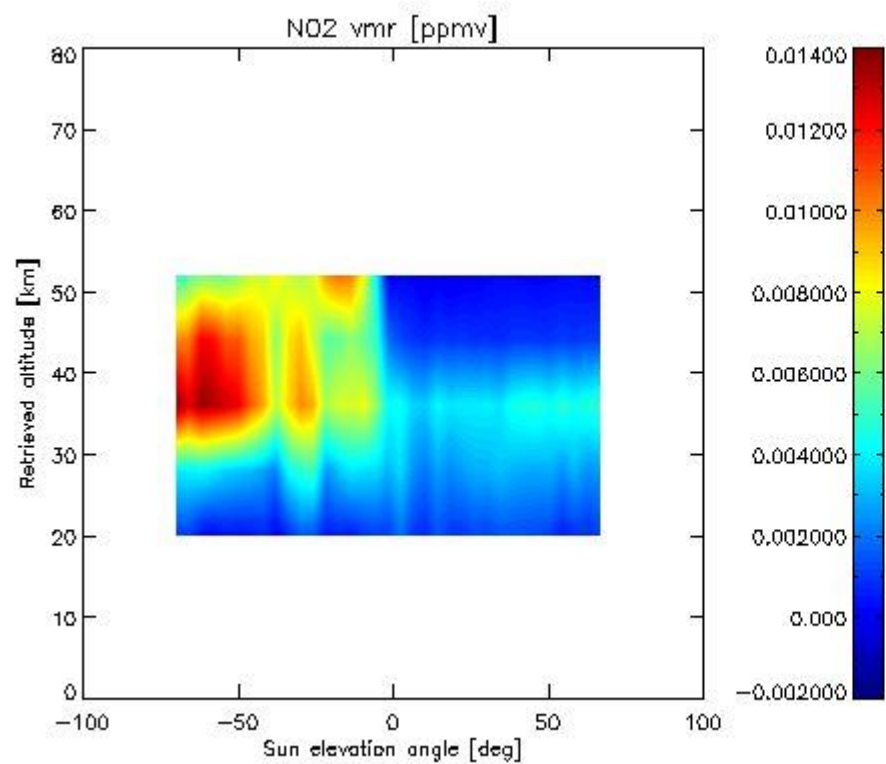
2.2.4.4 CH4 overview This section shows values (left) and error (right) for CH4 after binning individual sweep values over retrieved altitude and tangent latitude.



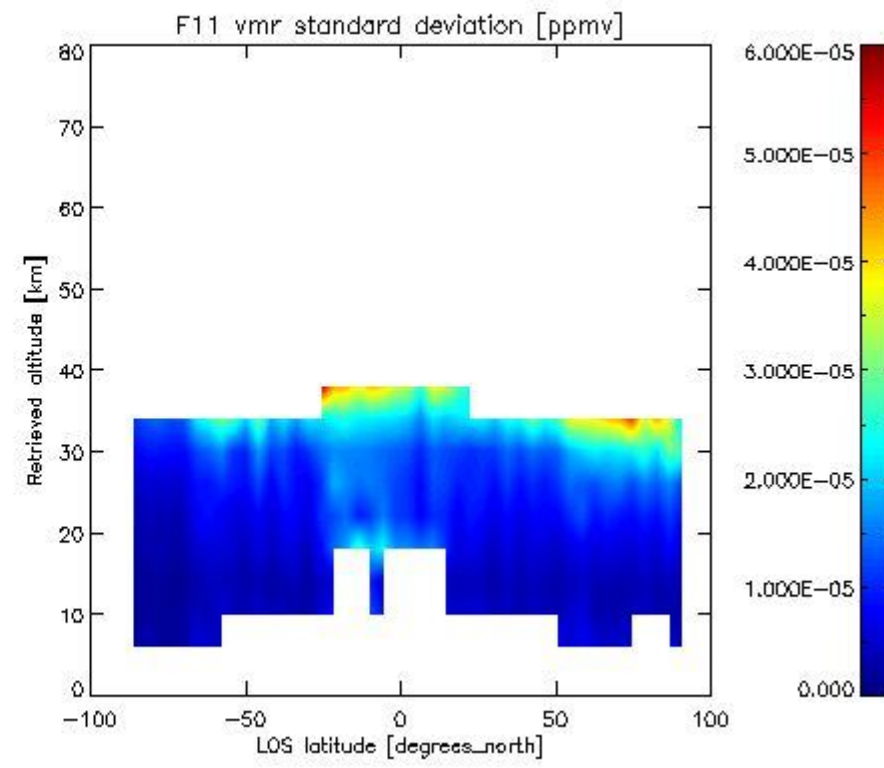
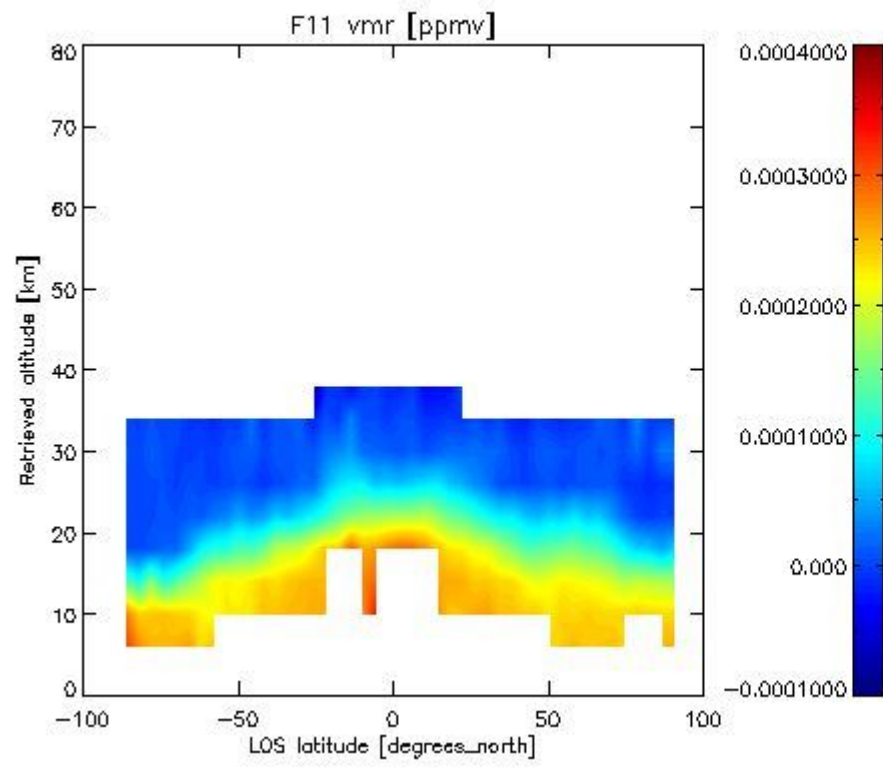
2.2.4.5 N2O overview This section shows values (left) and error (right) for N2O after binning individual sweep values over retrieved altitude and tangent latitude.



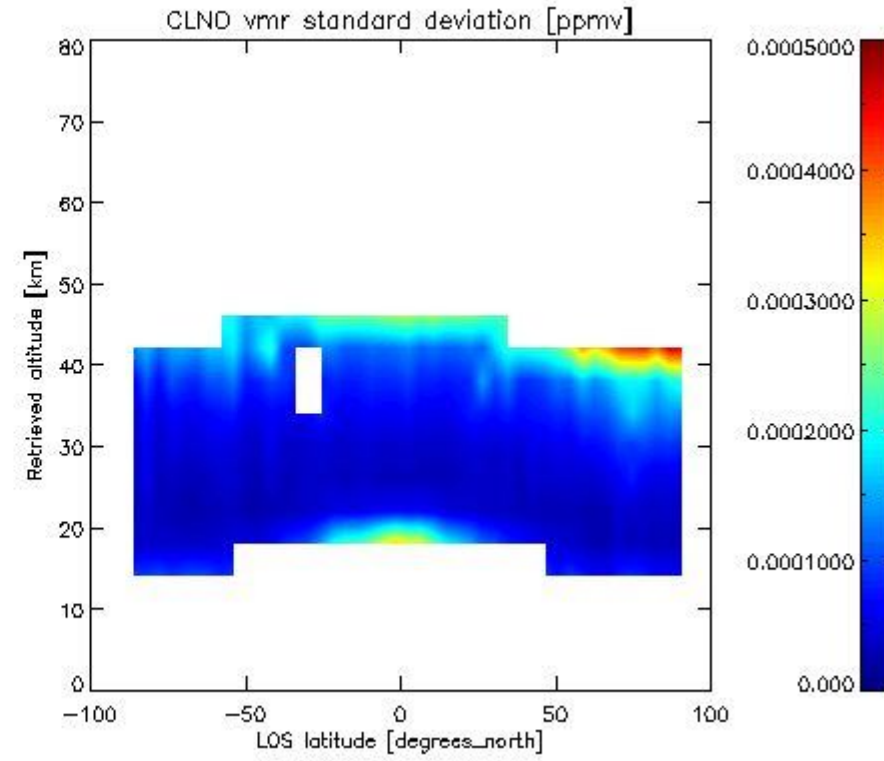
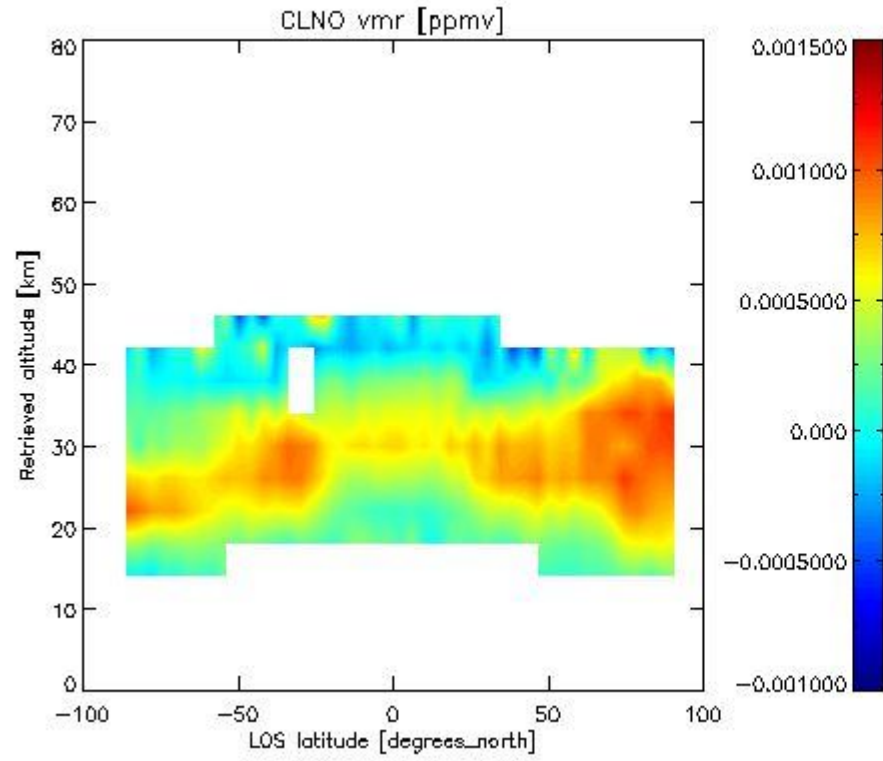
2.2.4.6 NO₂ overview This section shows values (left) and error (right) for NO₂ after binning individual sweep values over retrieved altitude and Sun Elevation Angle. Note that for NO₂ the bin heights are 6 km.

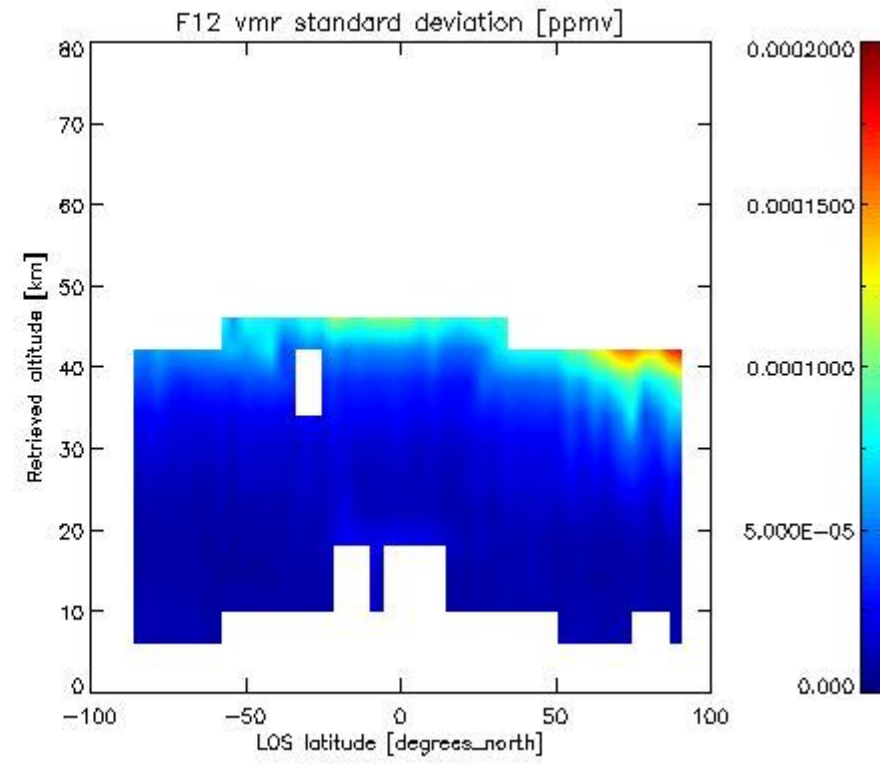
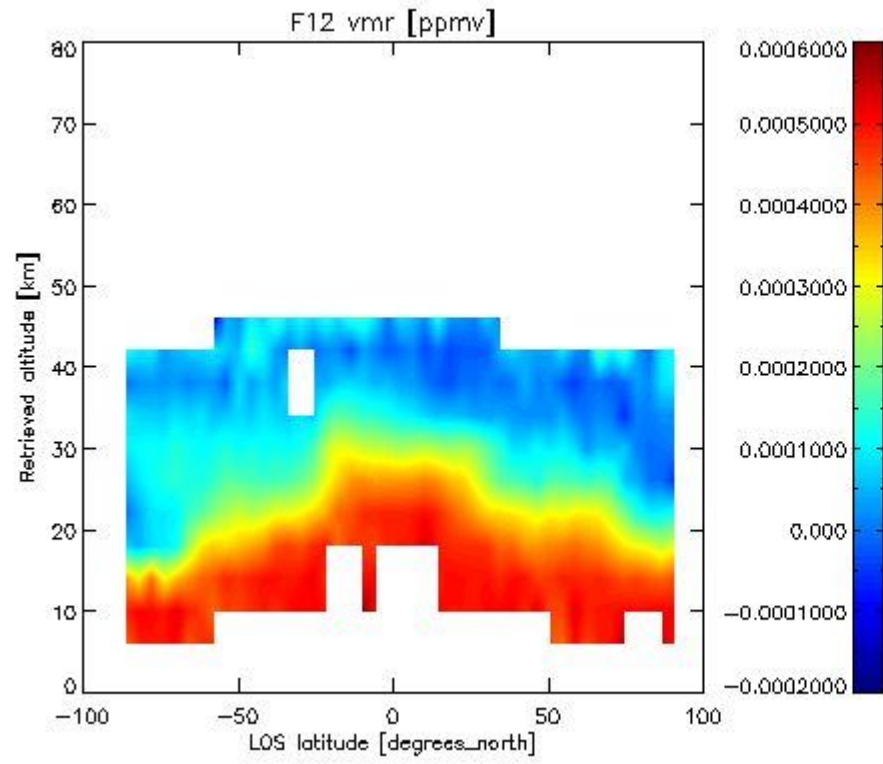
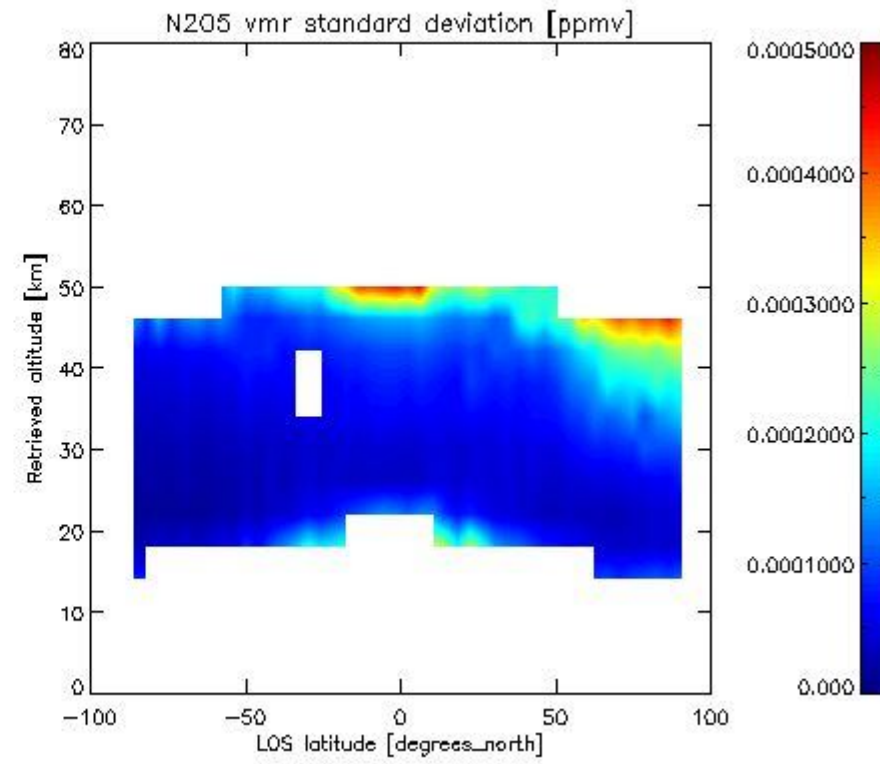
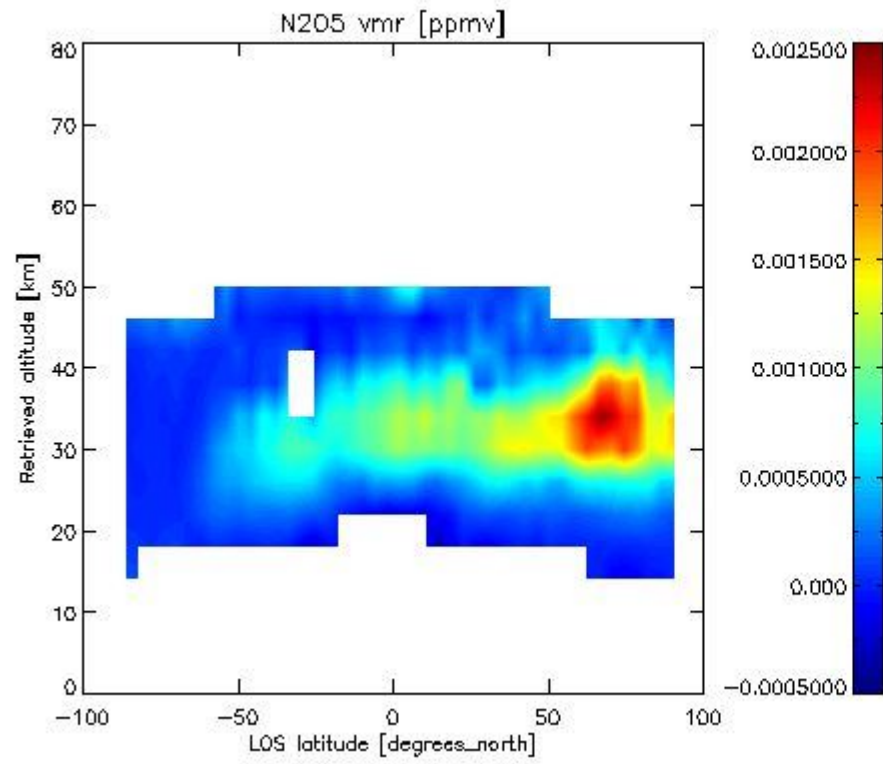


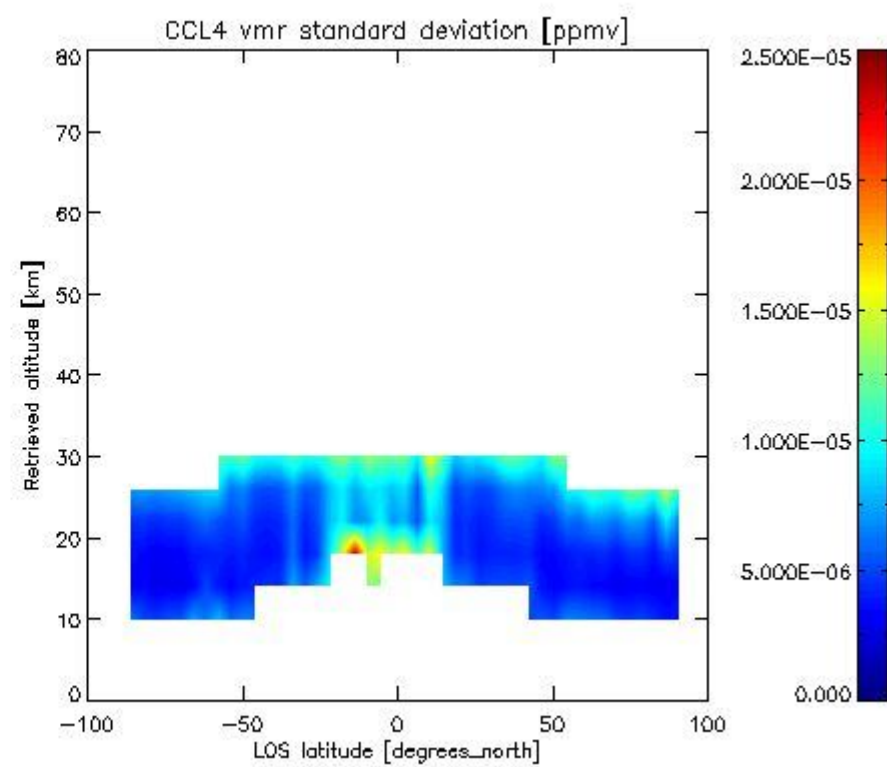
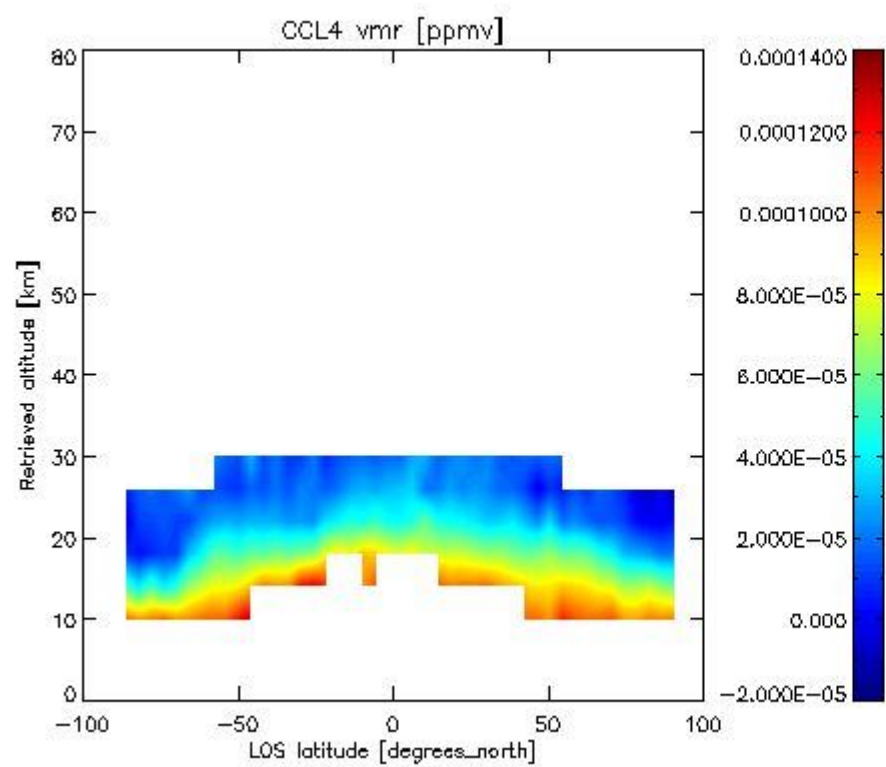
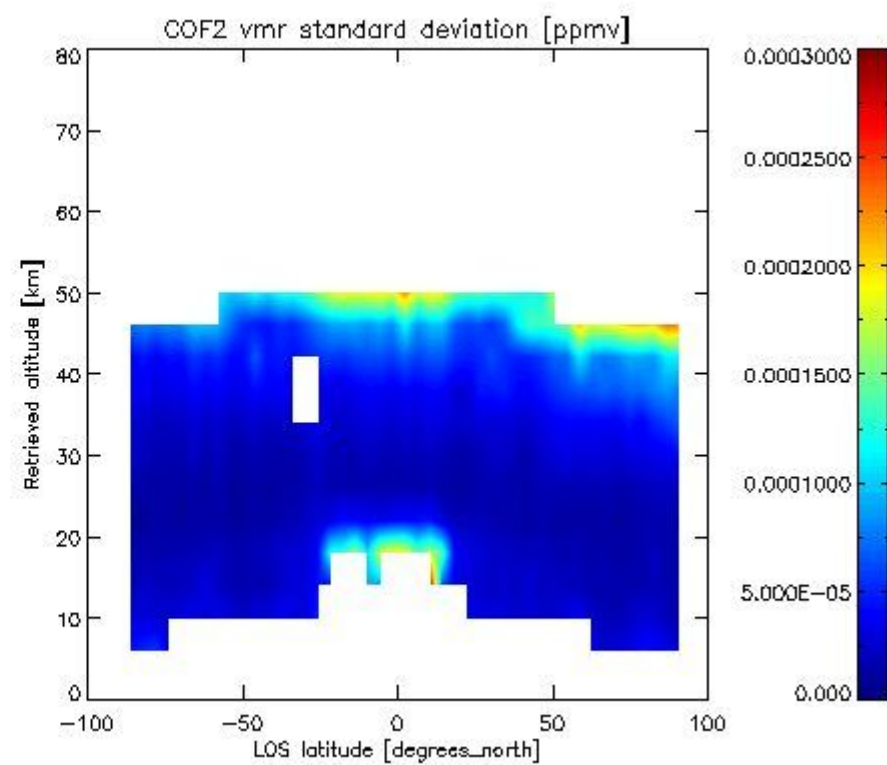
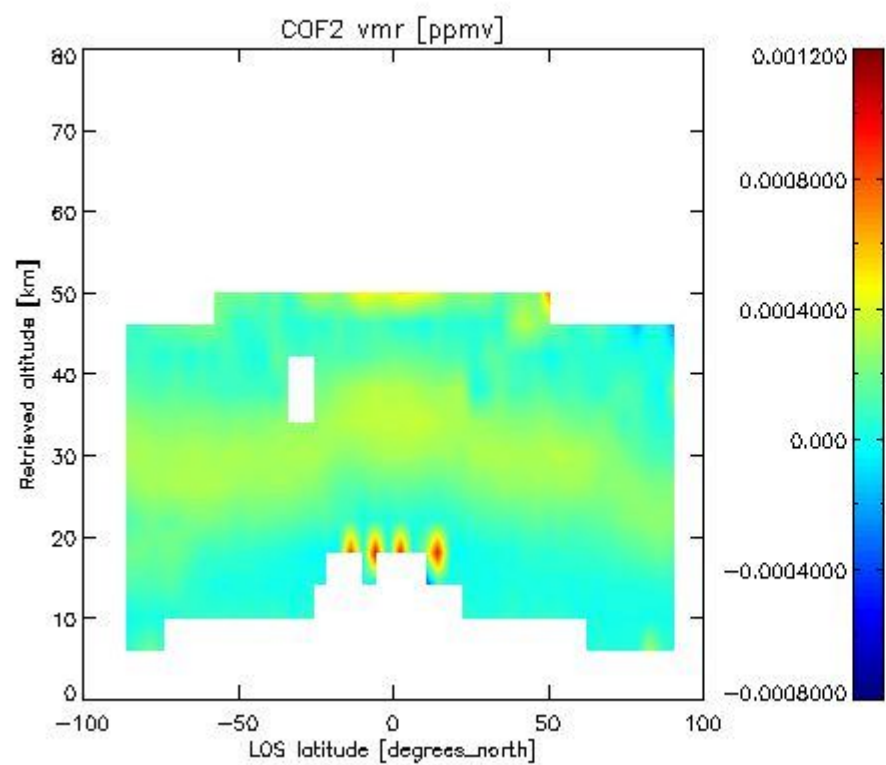
2.2.4.7 F11 overview This section shows values (left) and error (right) for F11 after binning individual sweep values over retrieved altitude and tangent latitude.

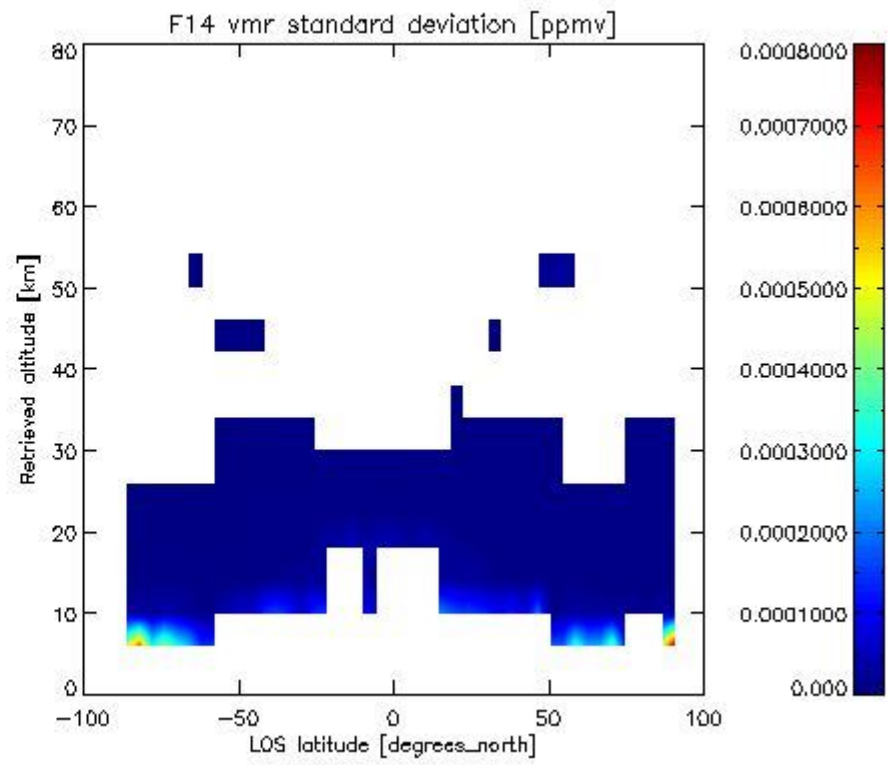
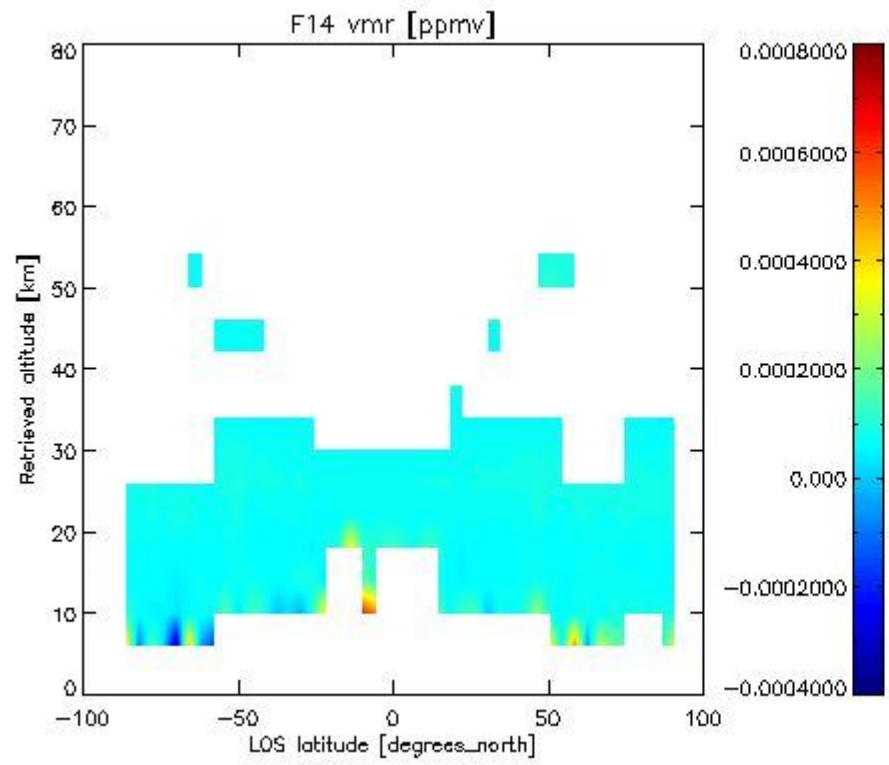
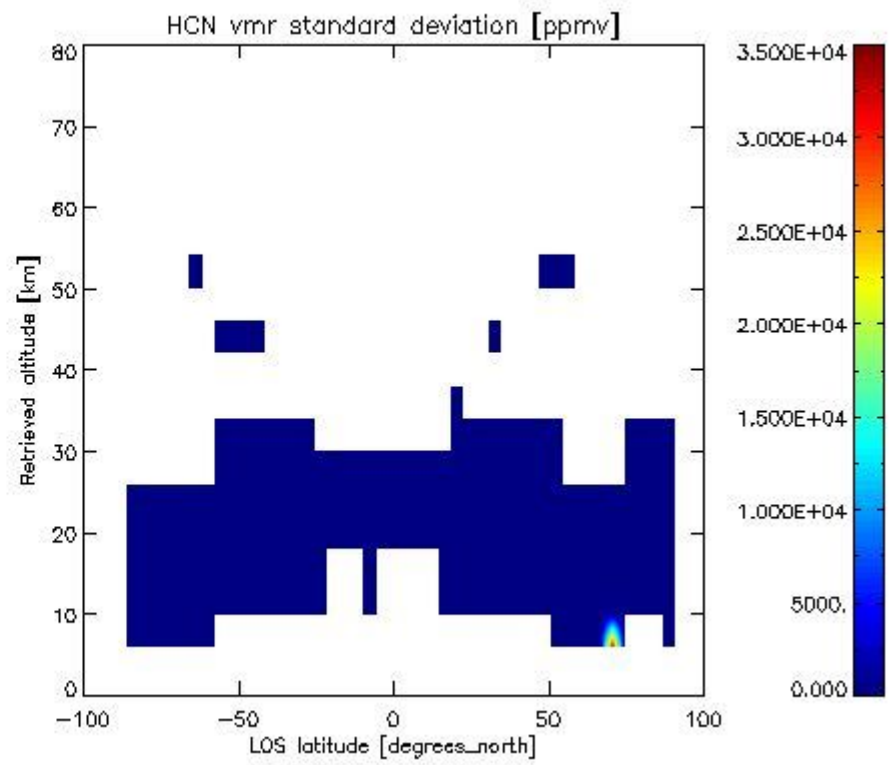
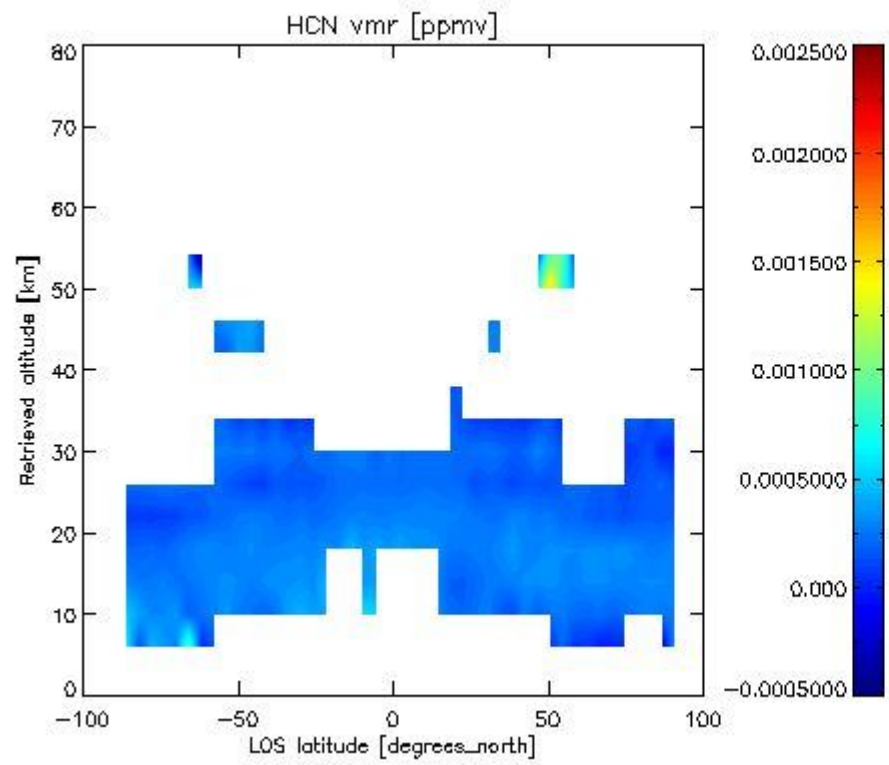


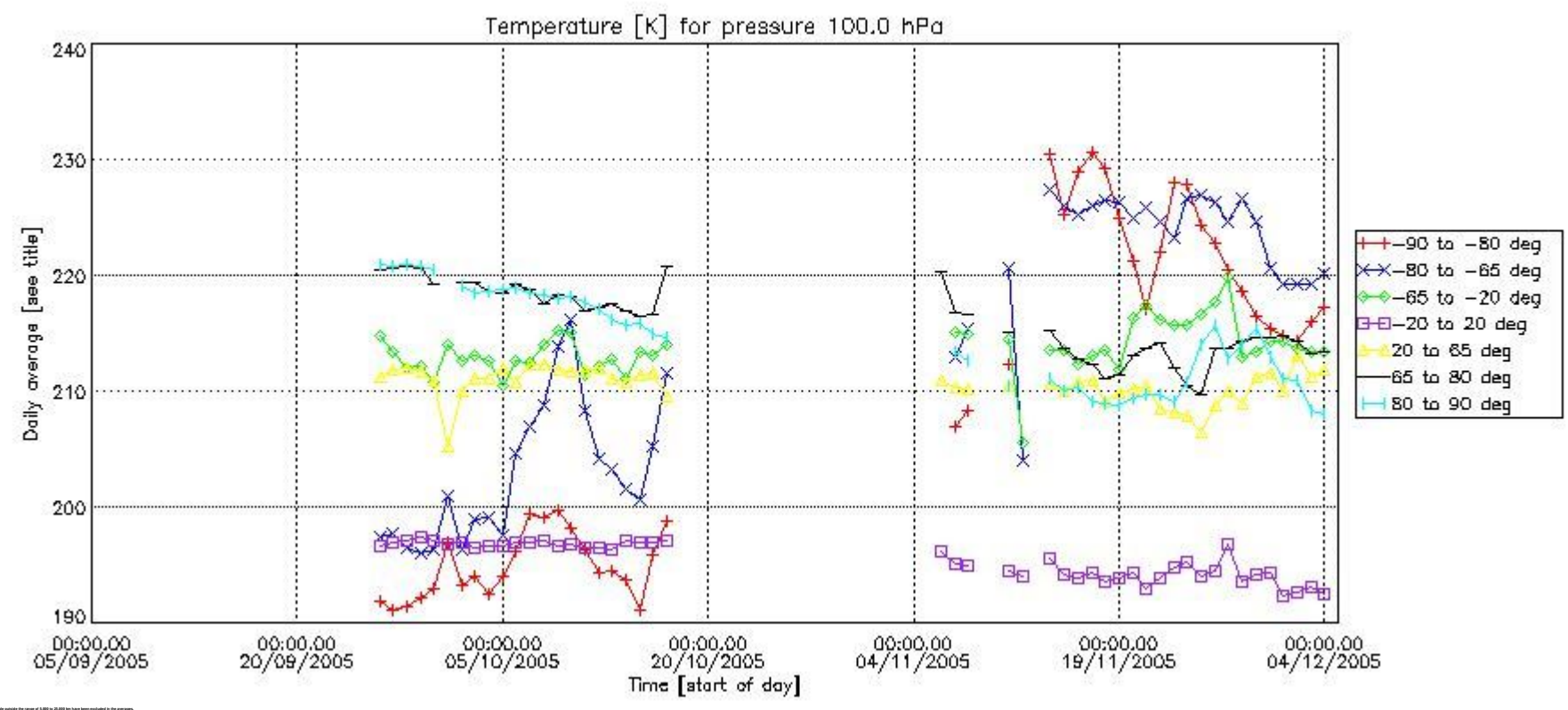
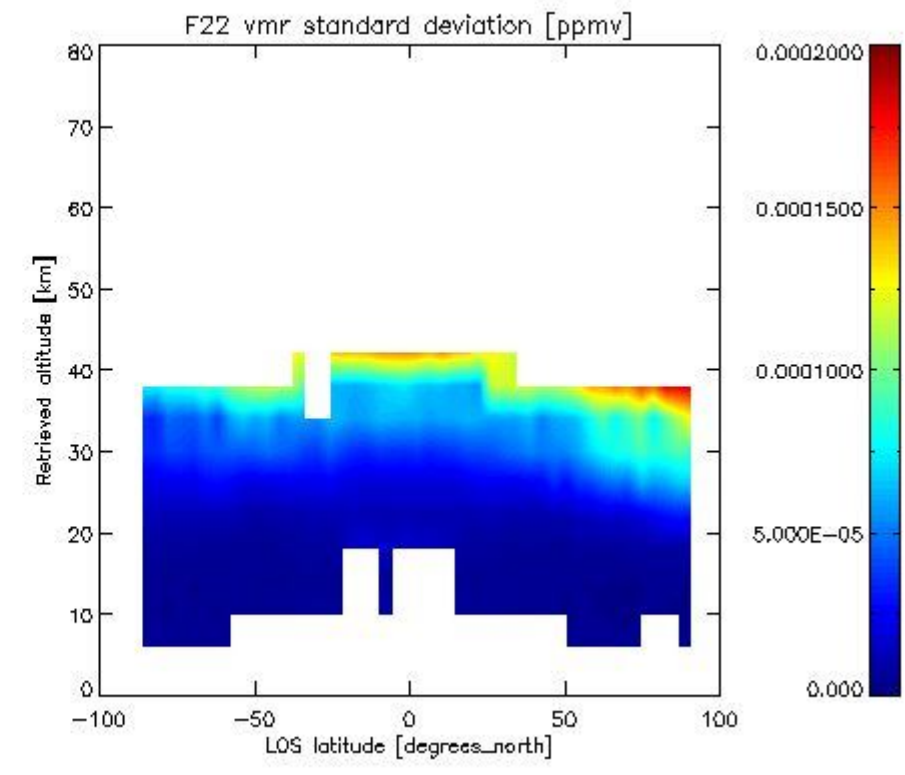
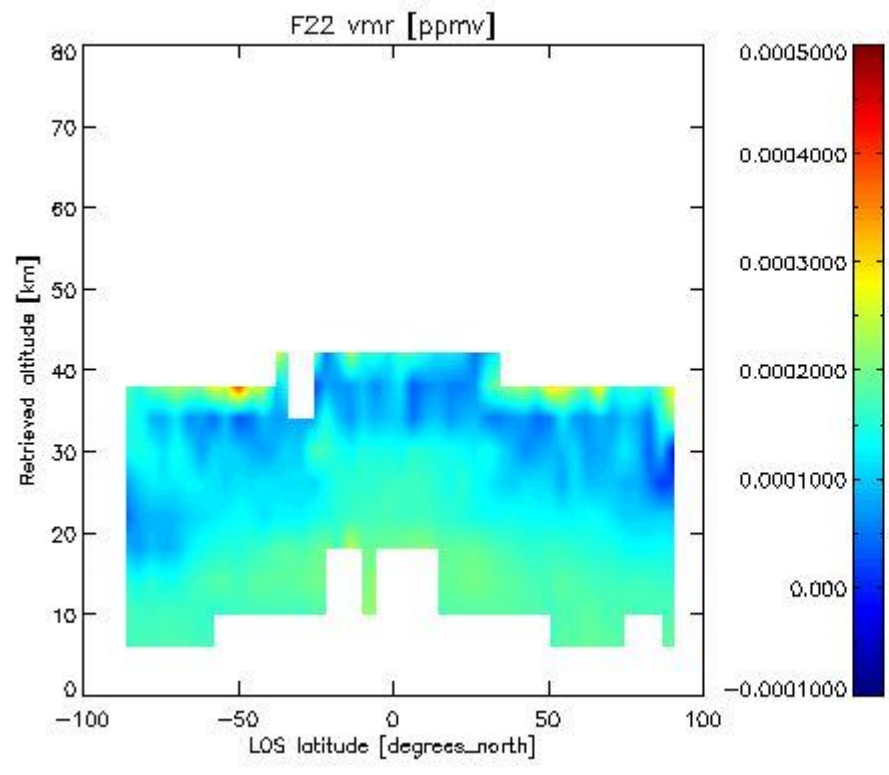
2.3.4 CLNO overview This section shows values (left) and error (right) for CLNO after binning individual sweep values over retrieved altitude and target latitude.

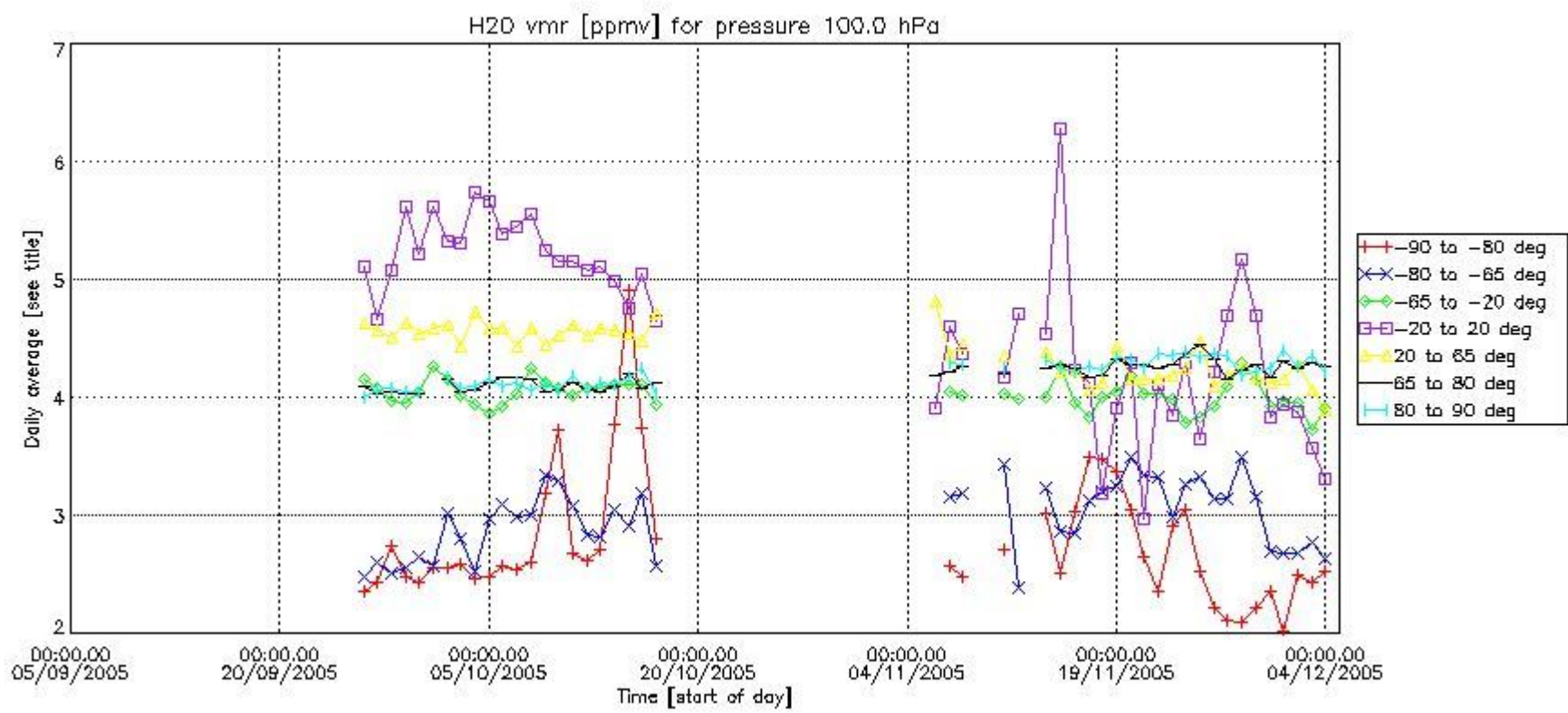
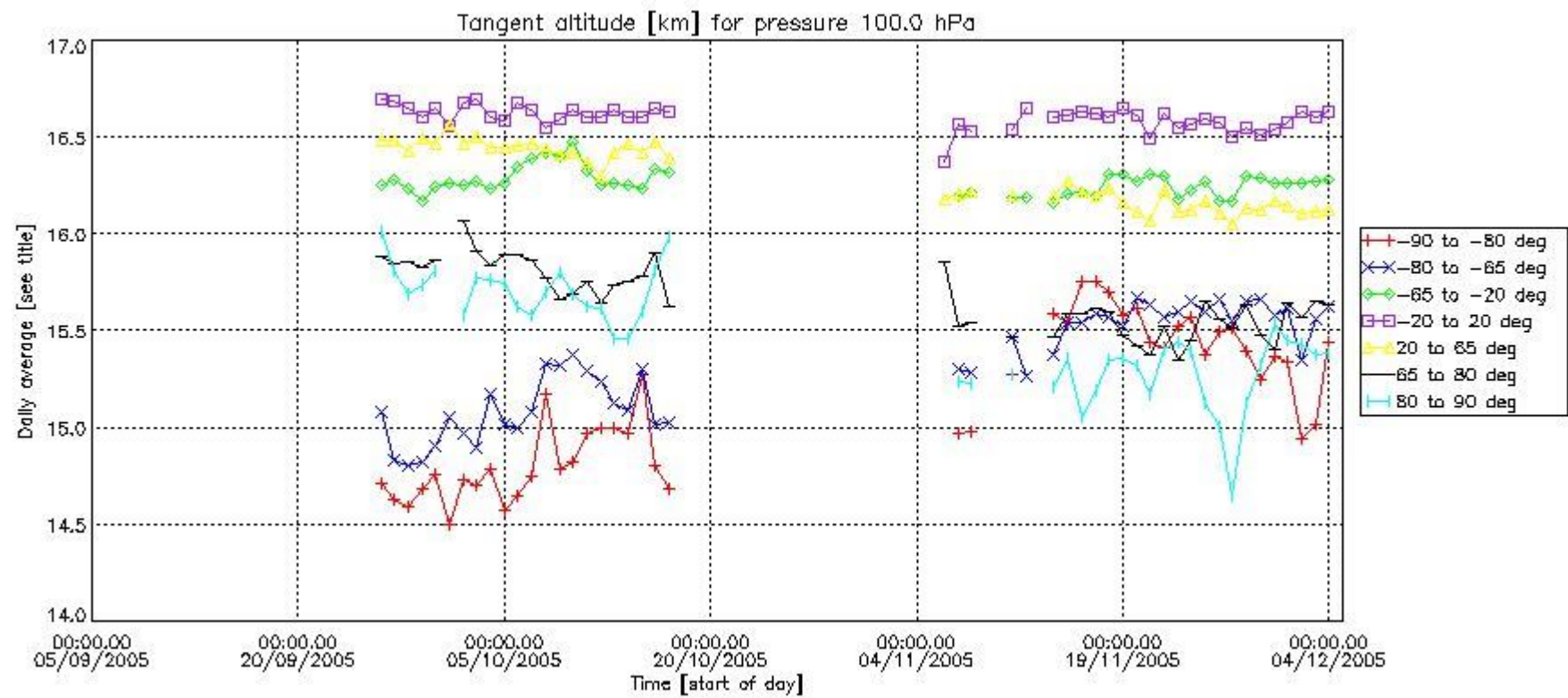


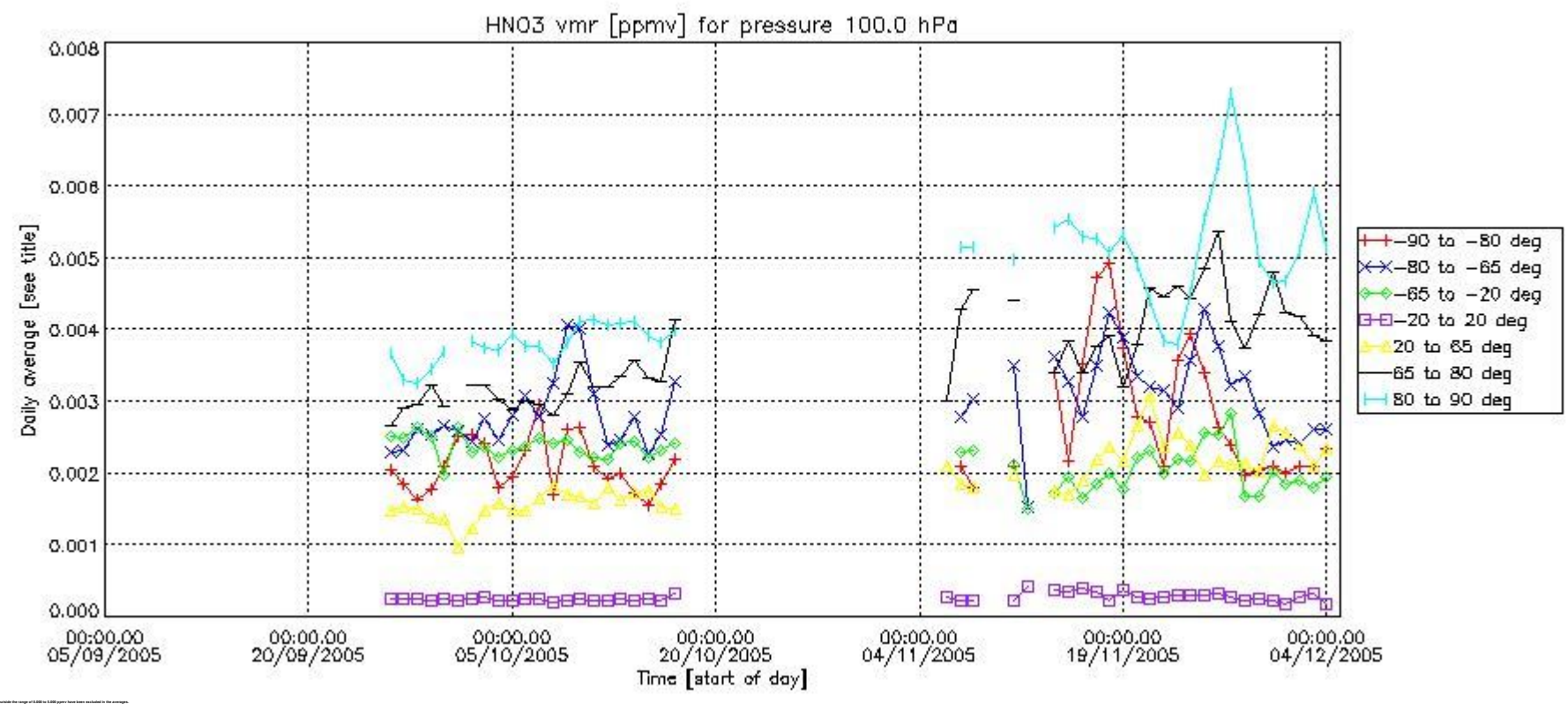
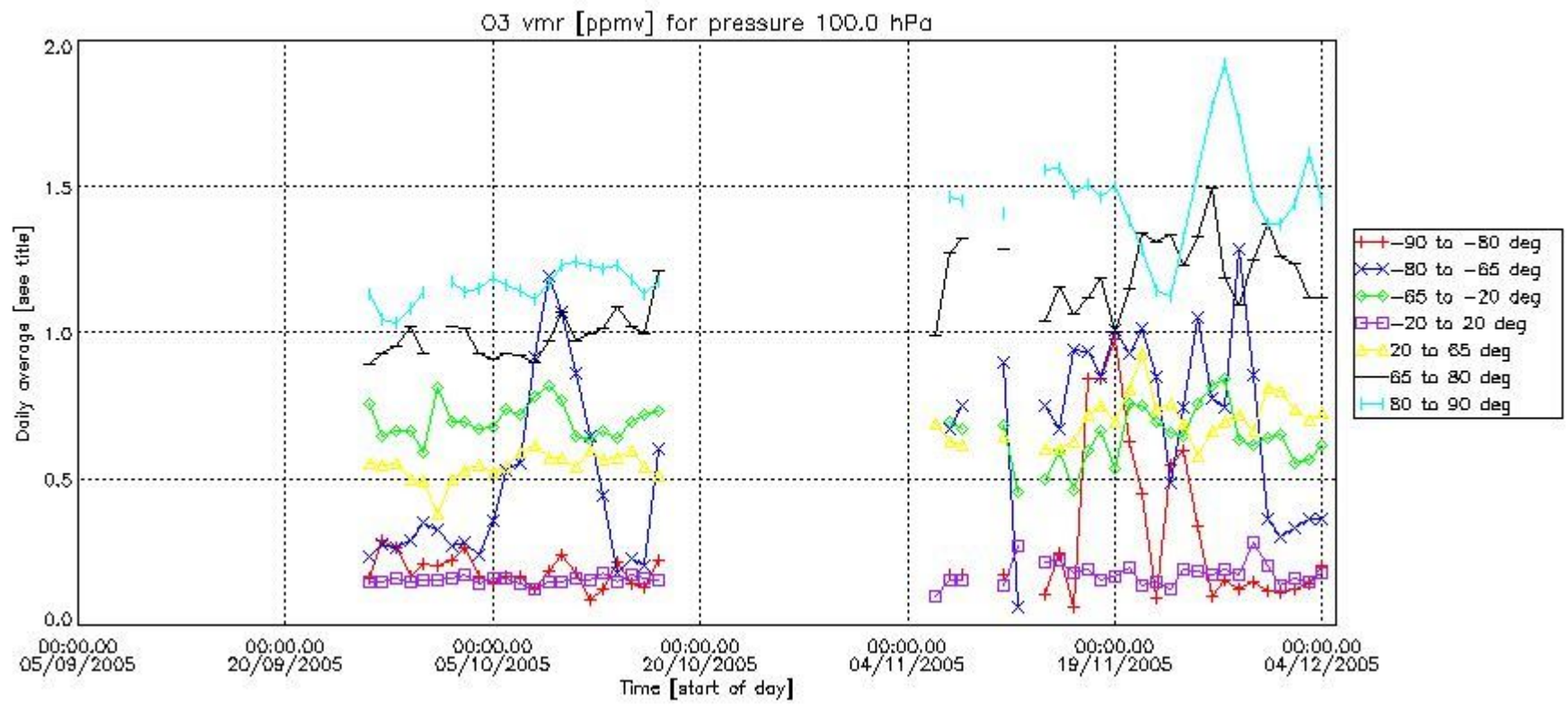


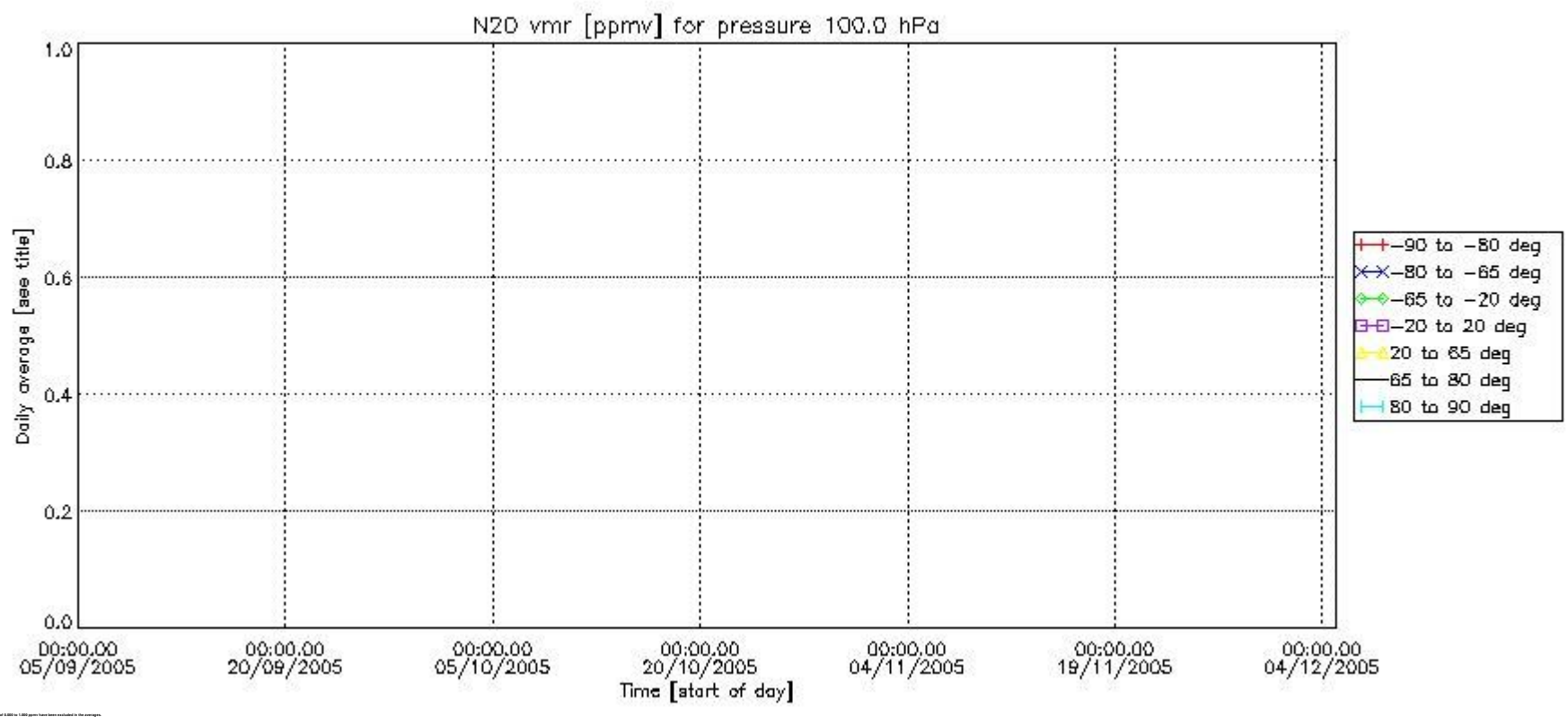
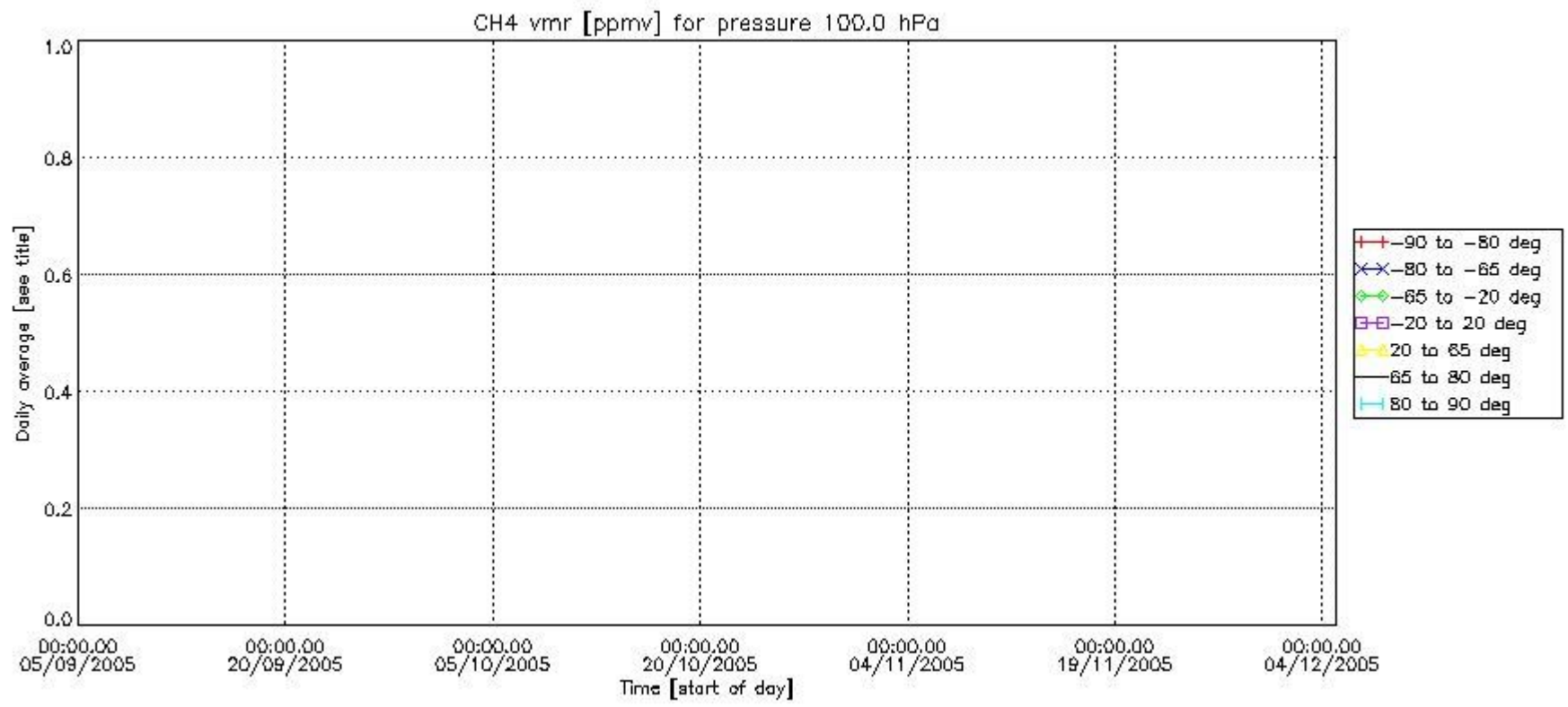


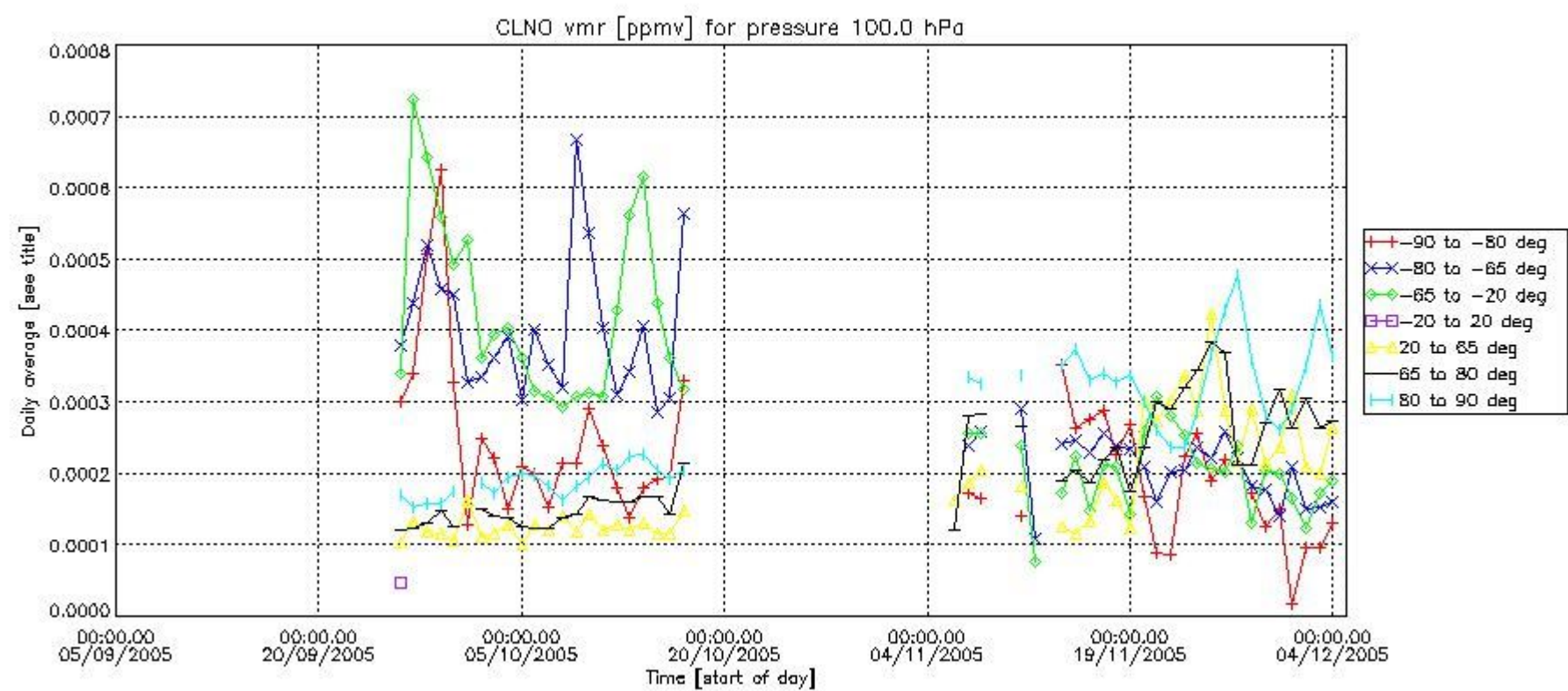
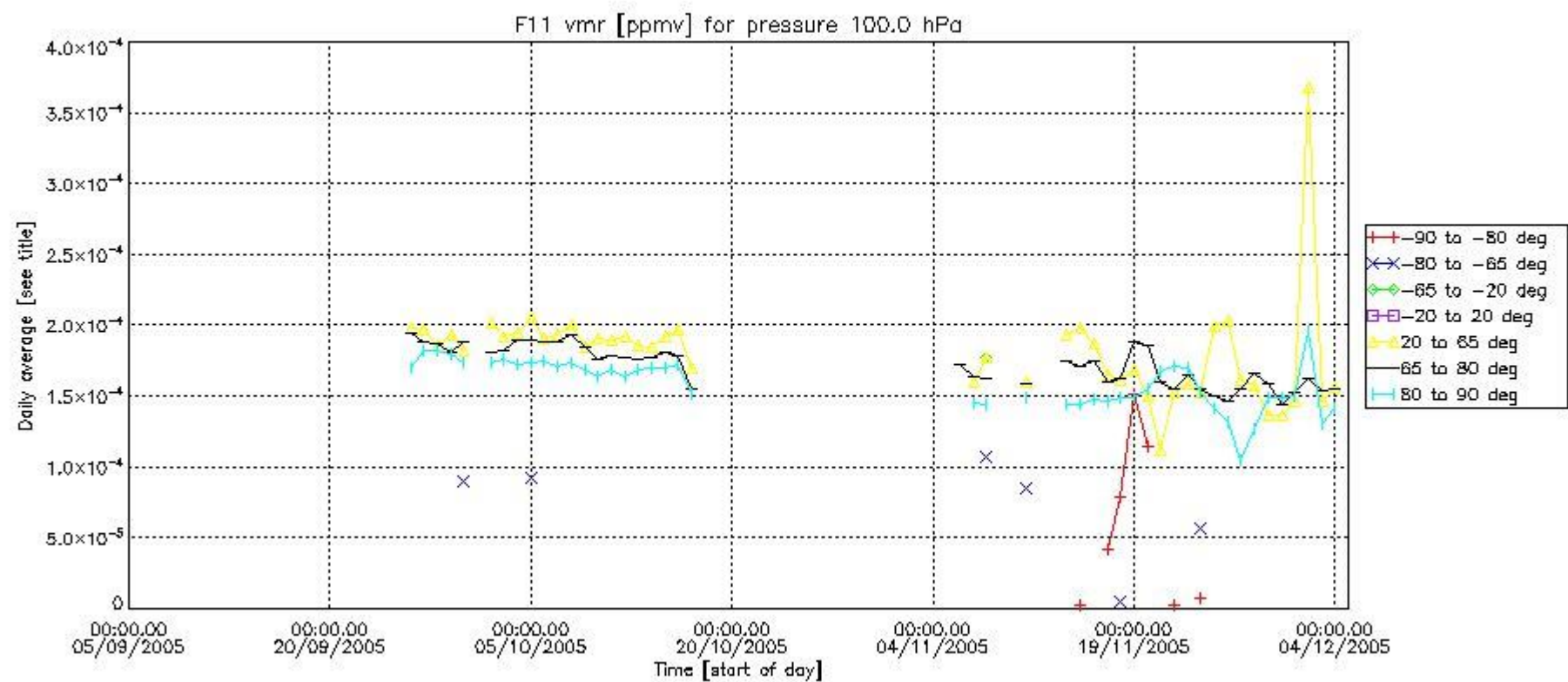


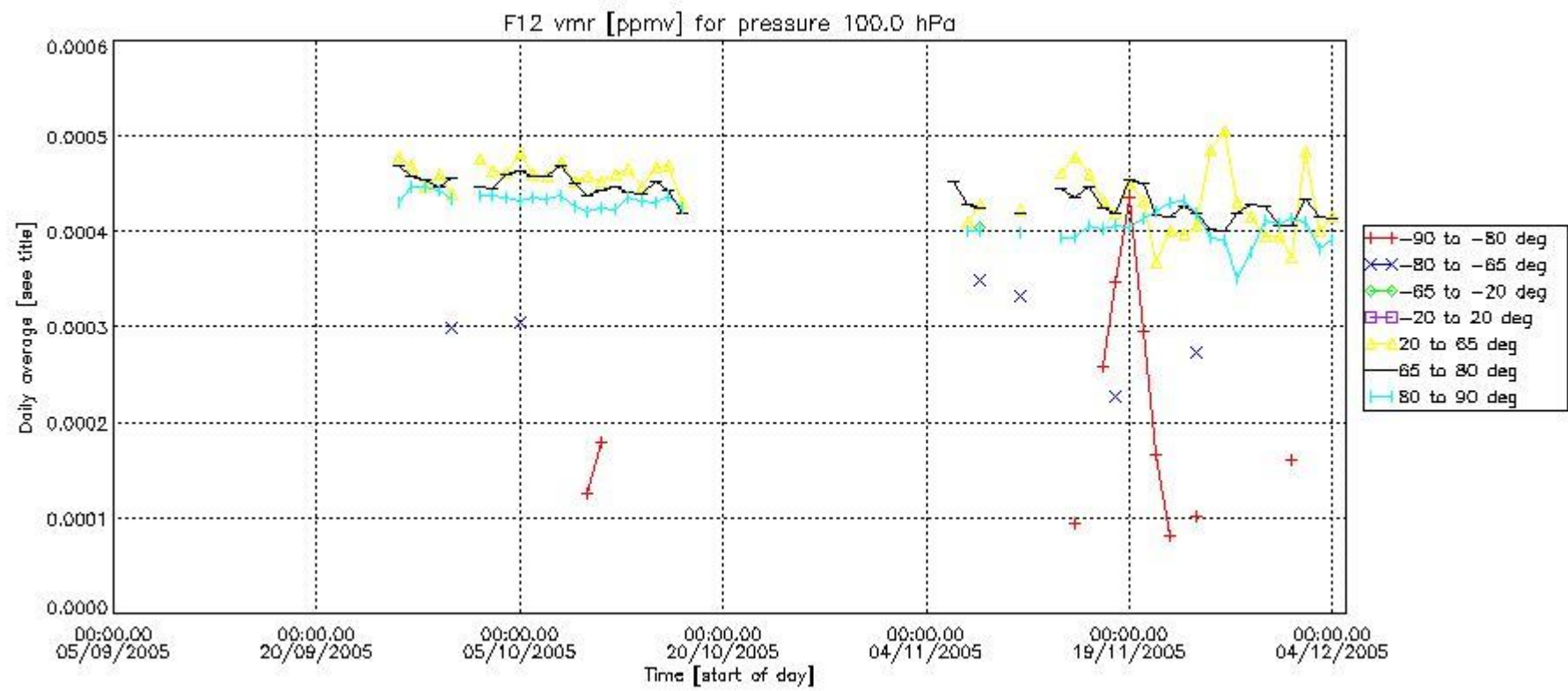
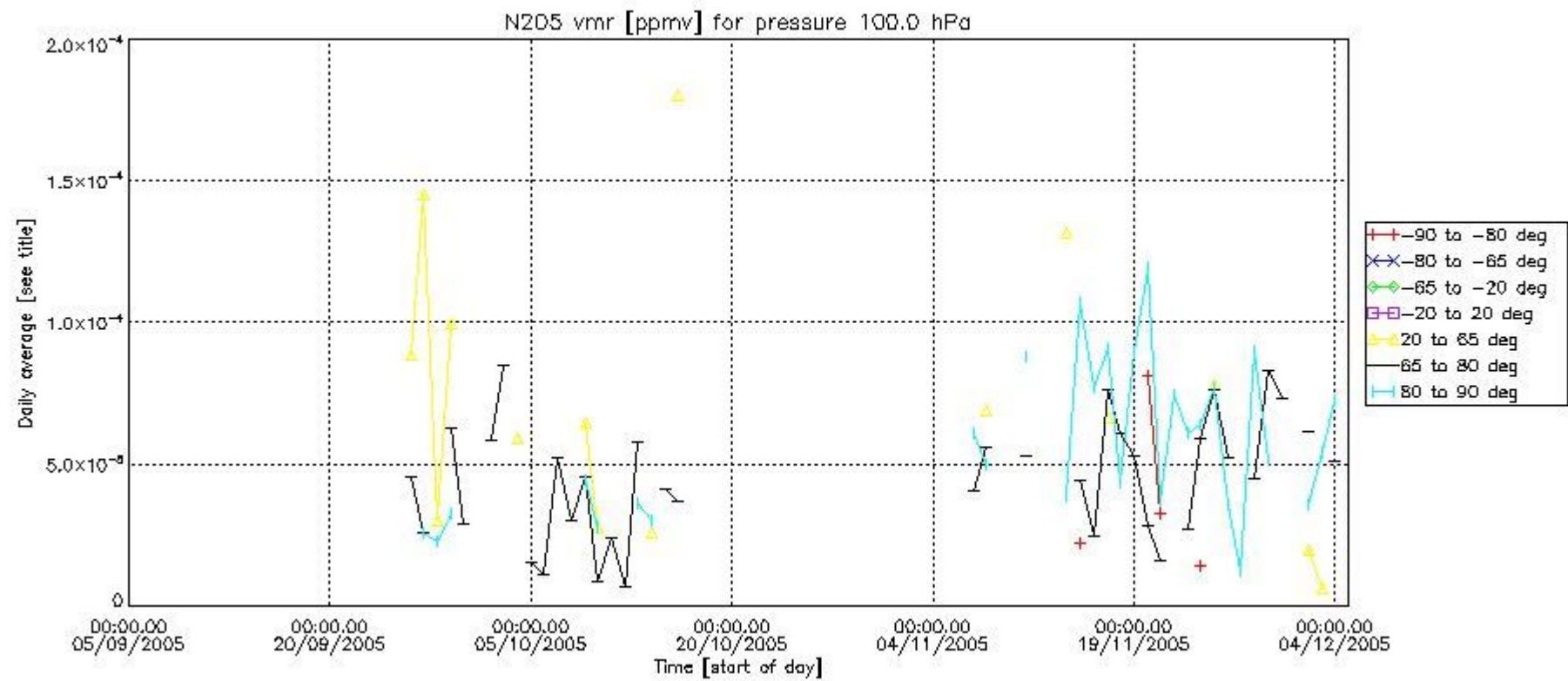


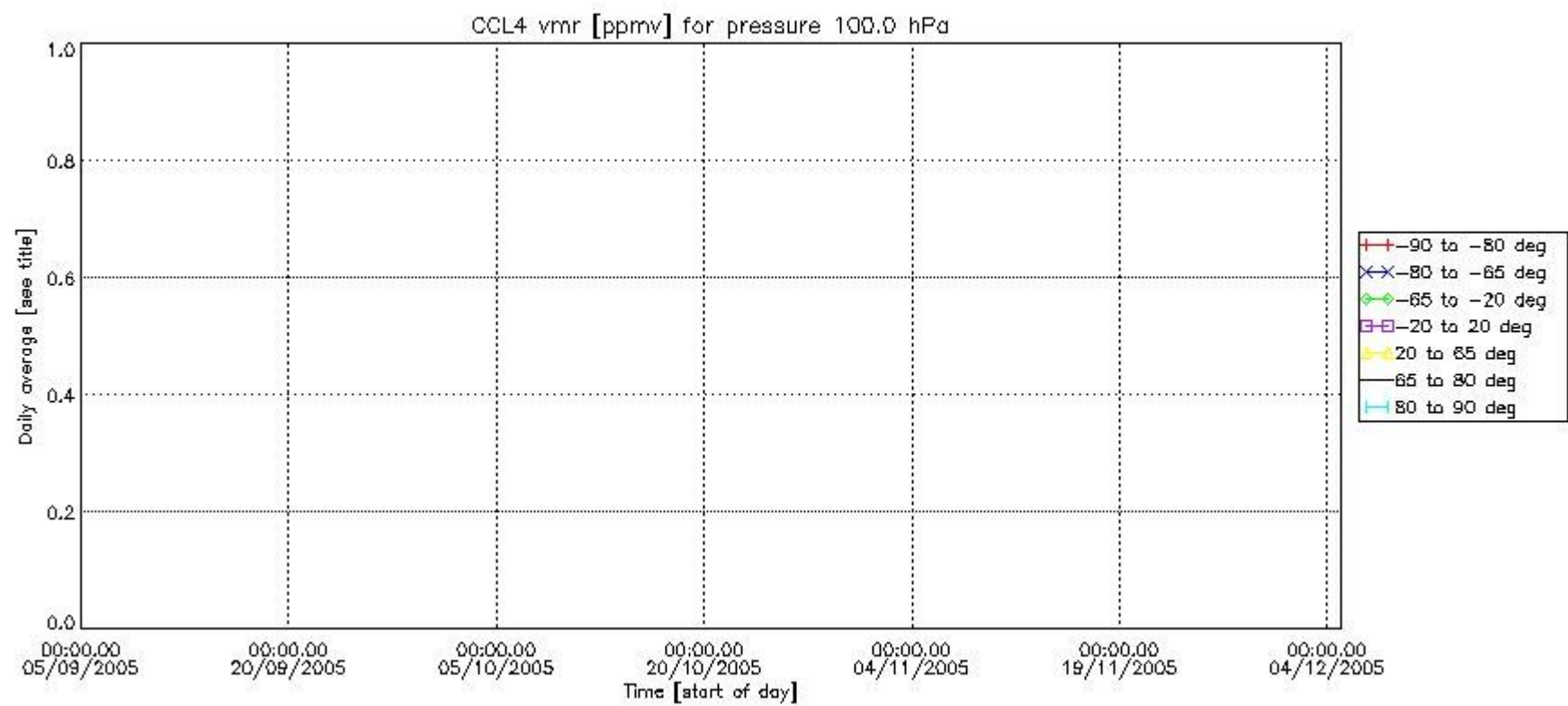
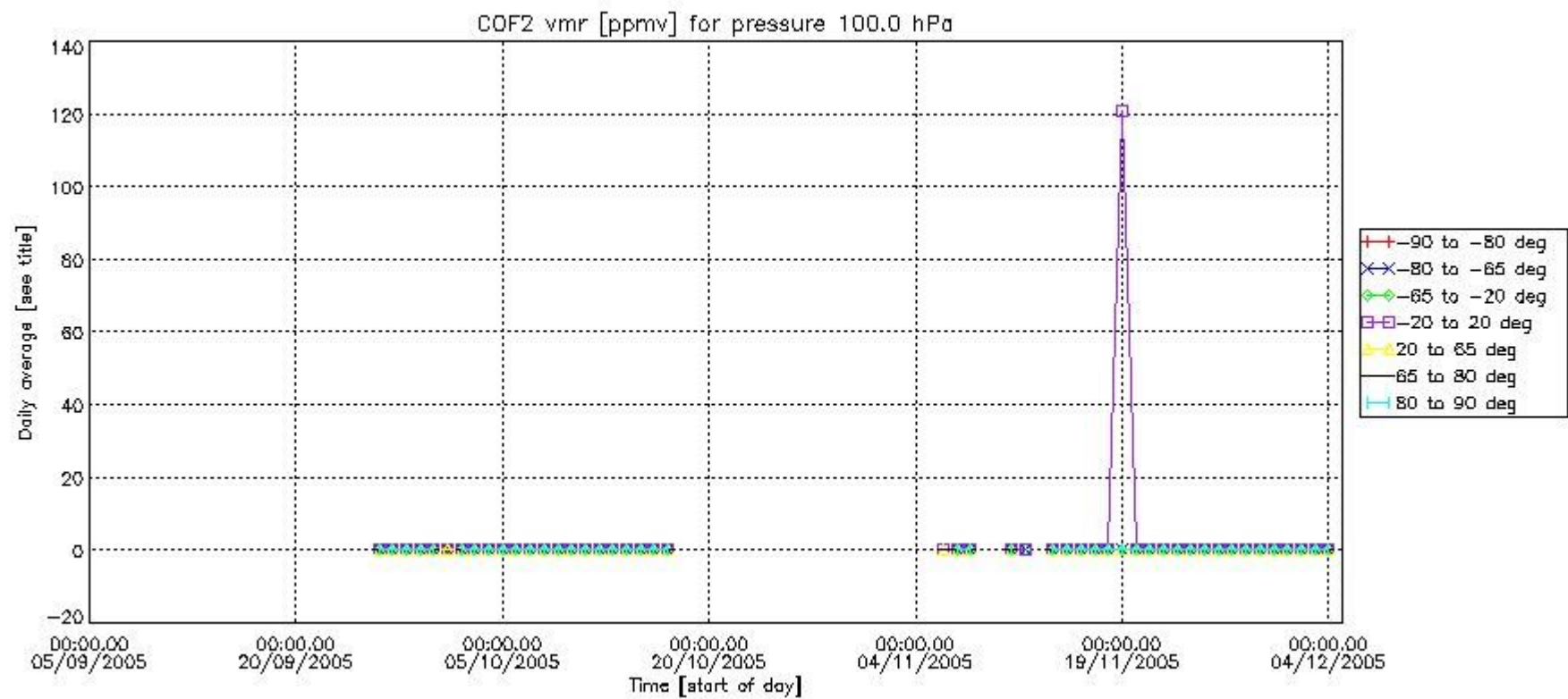


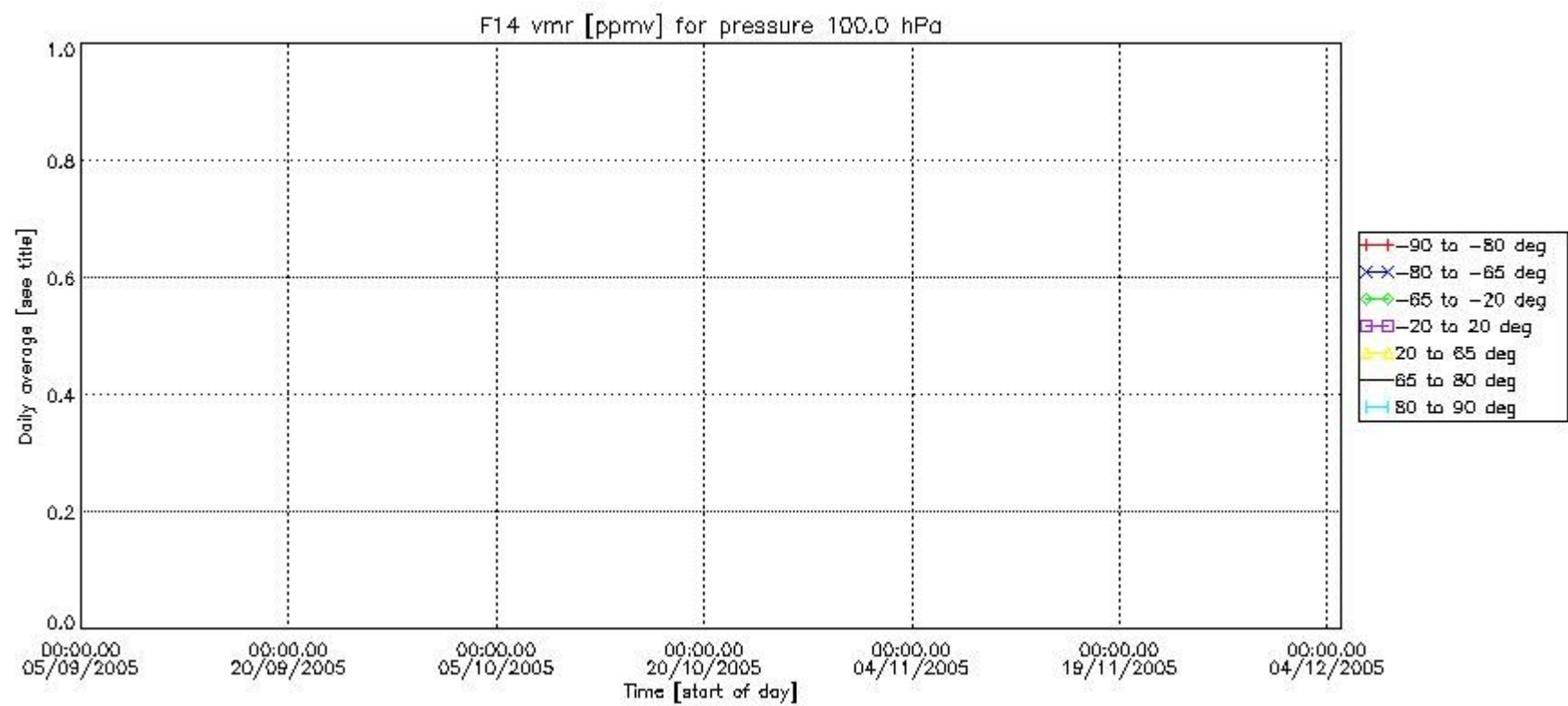
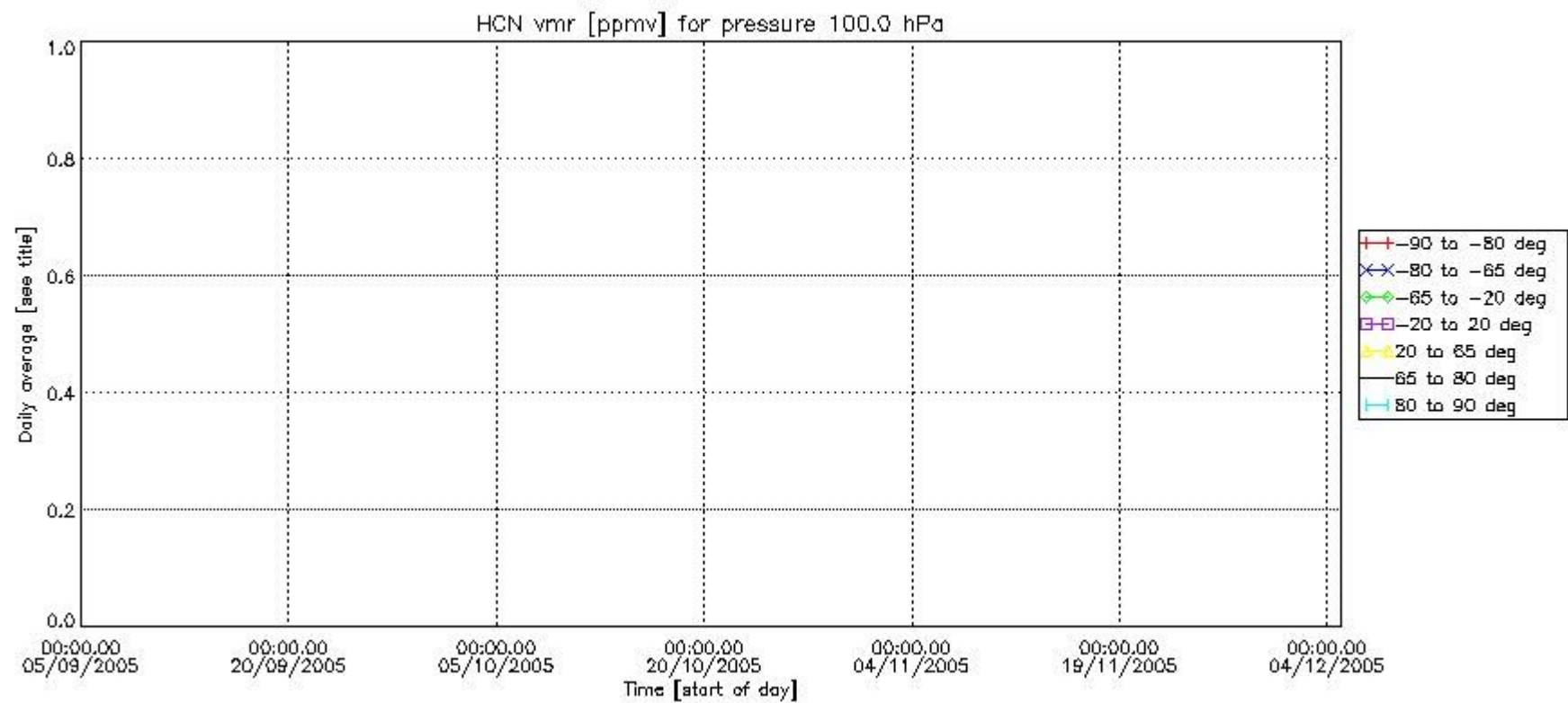


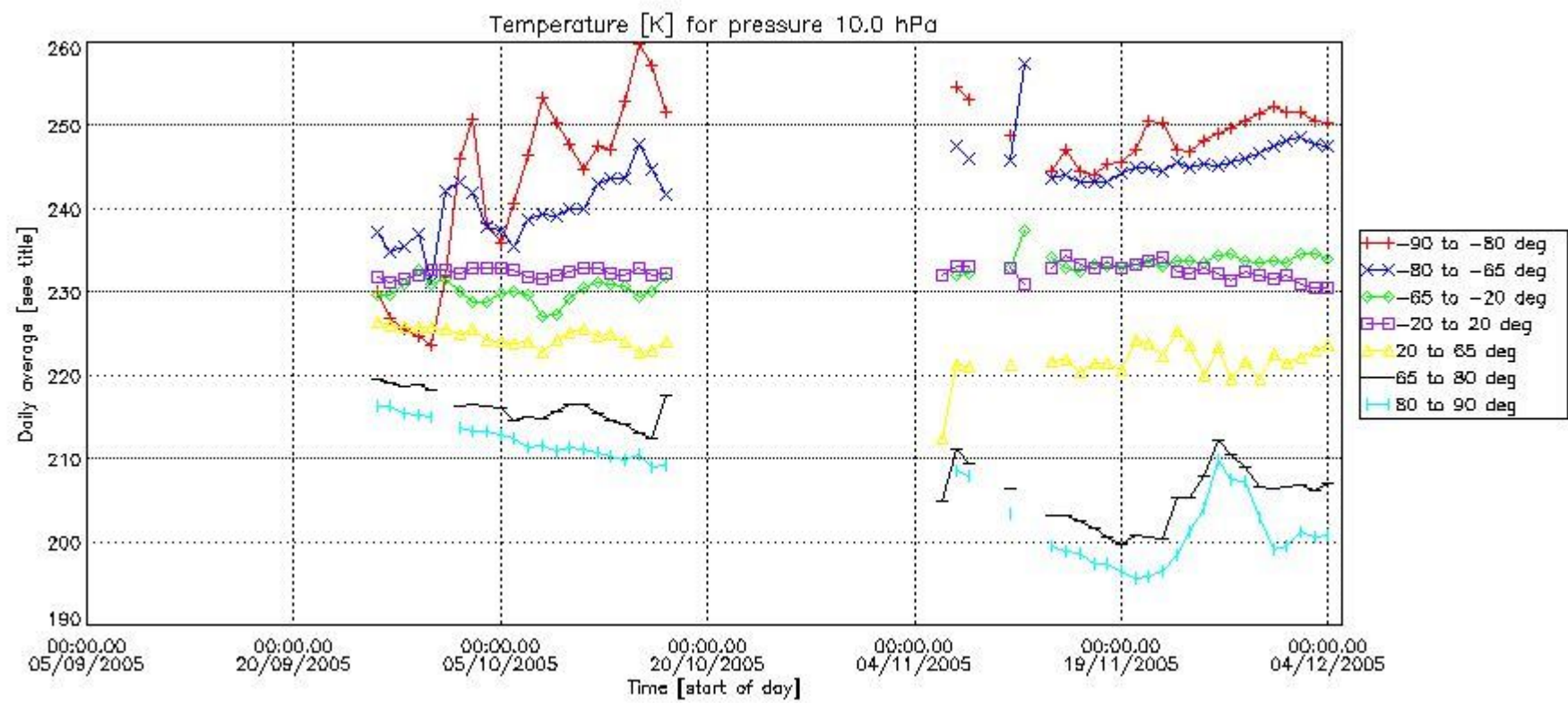
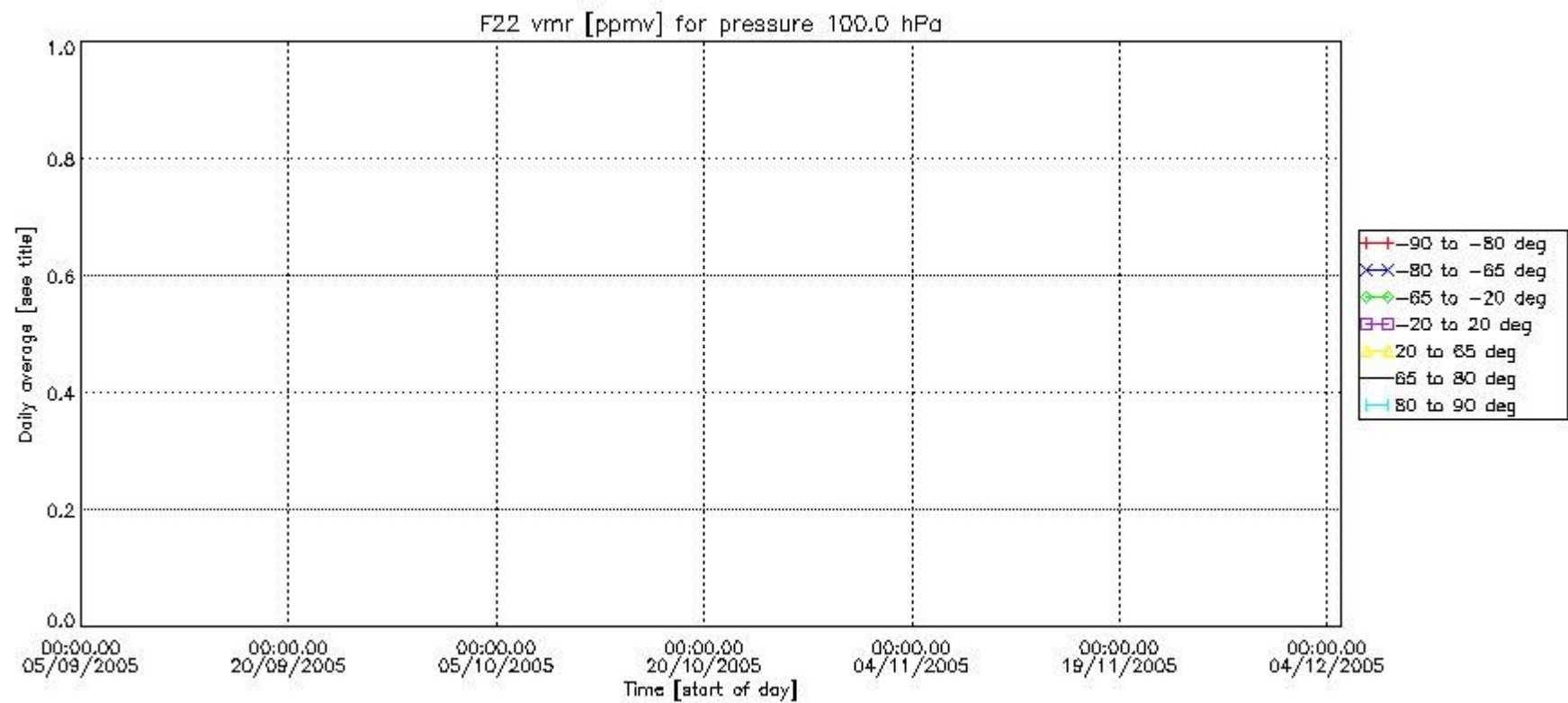


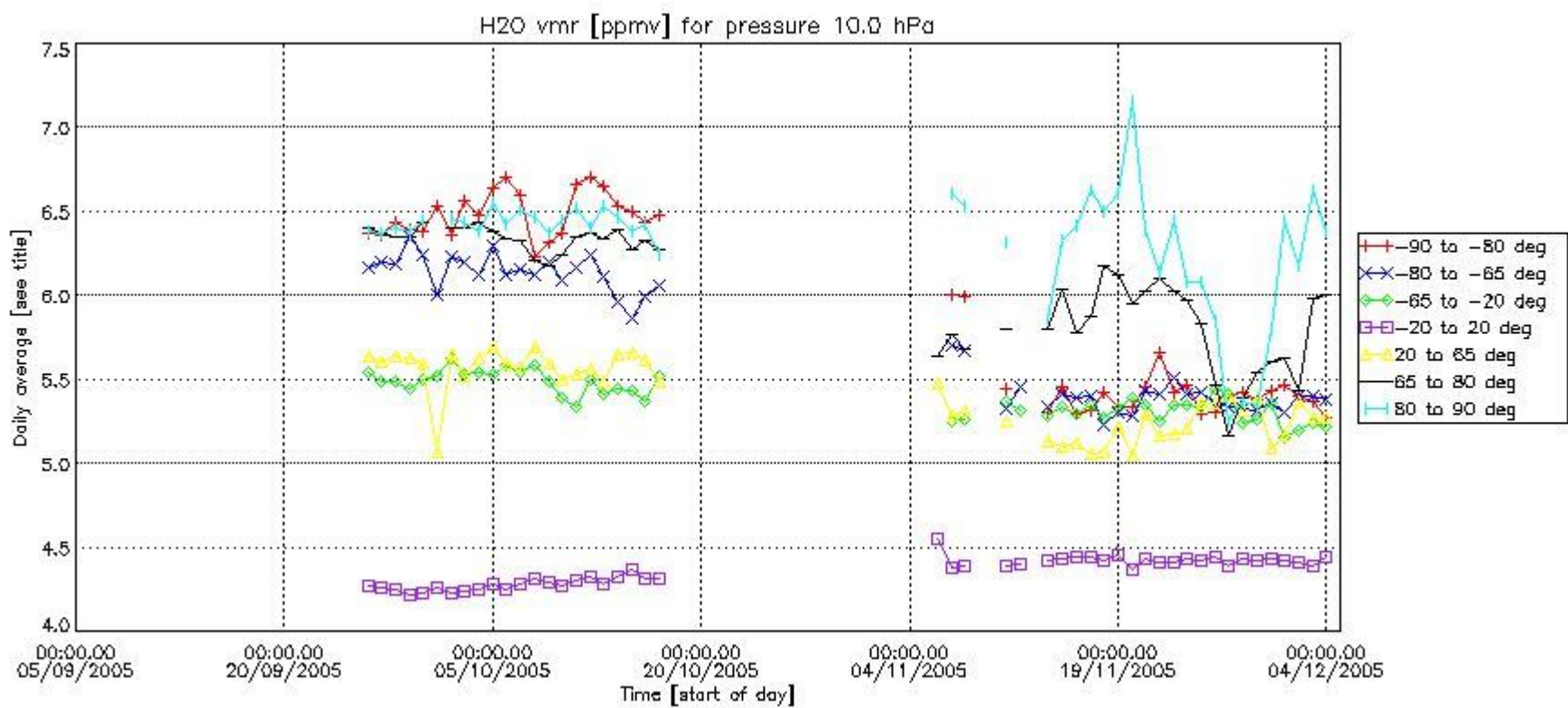
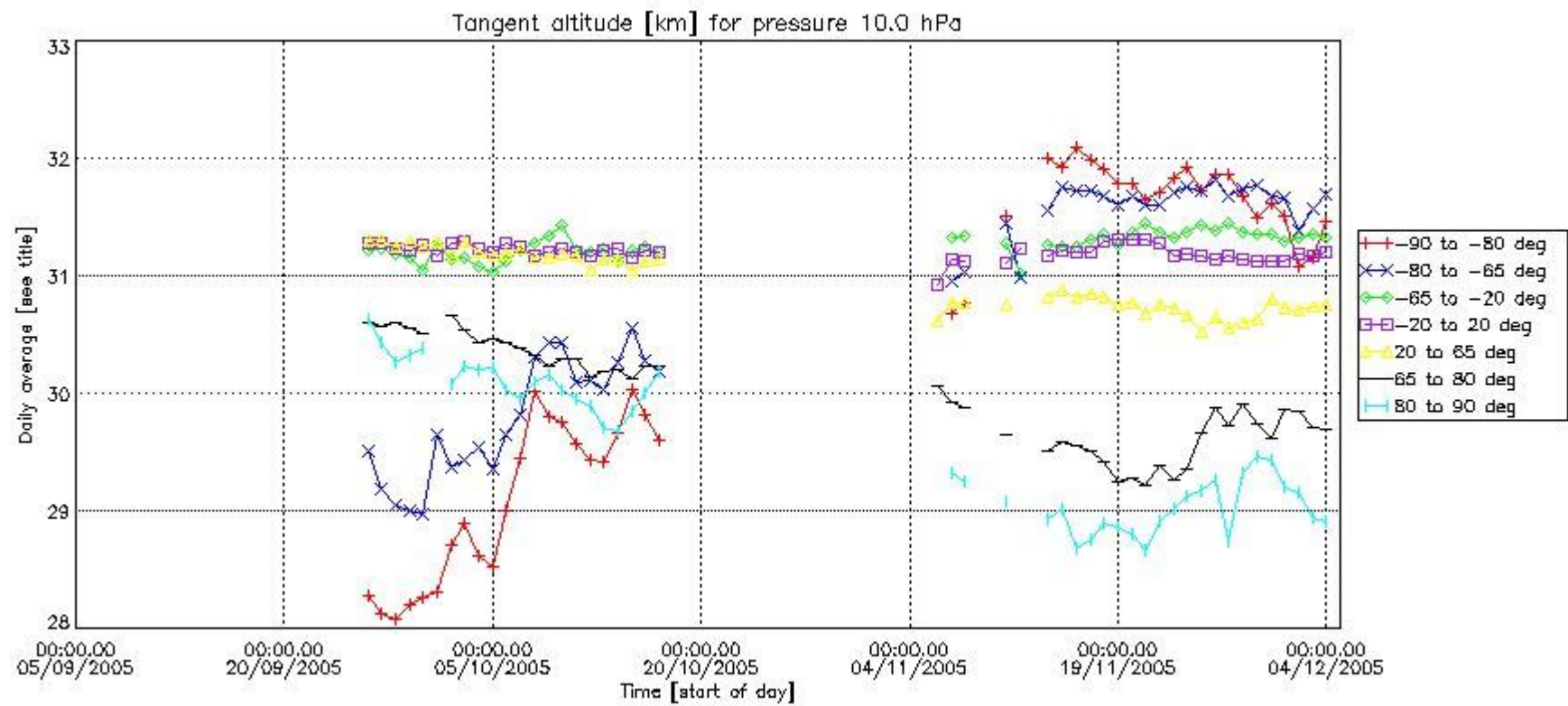


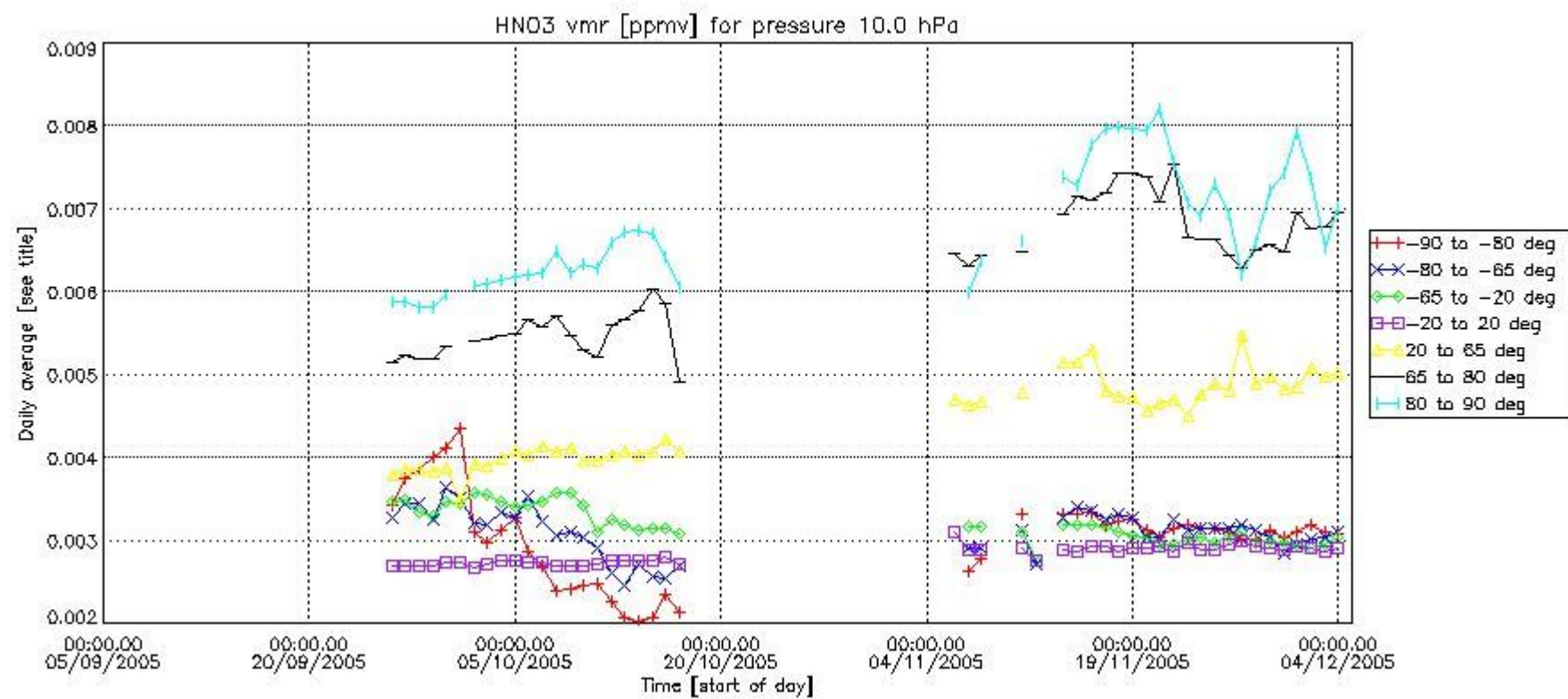
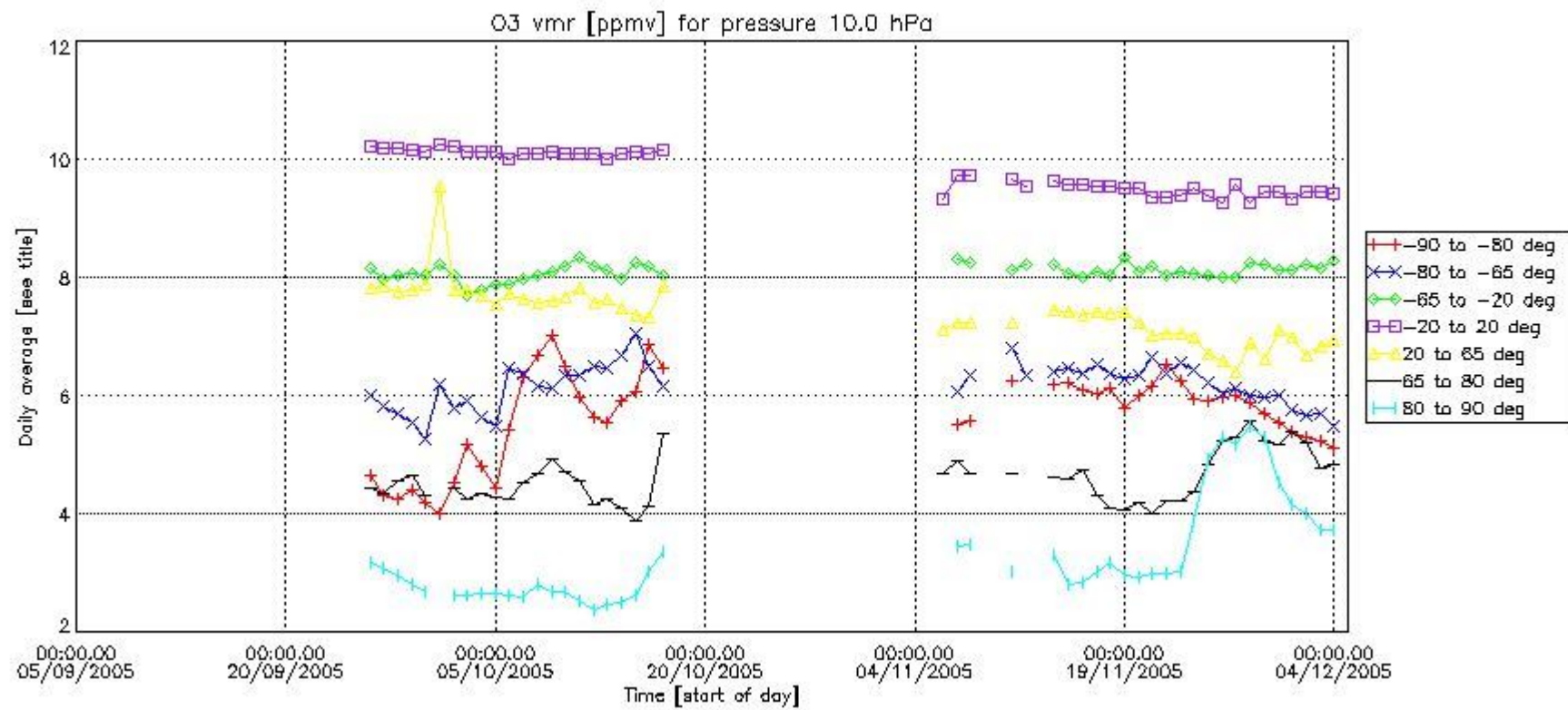


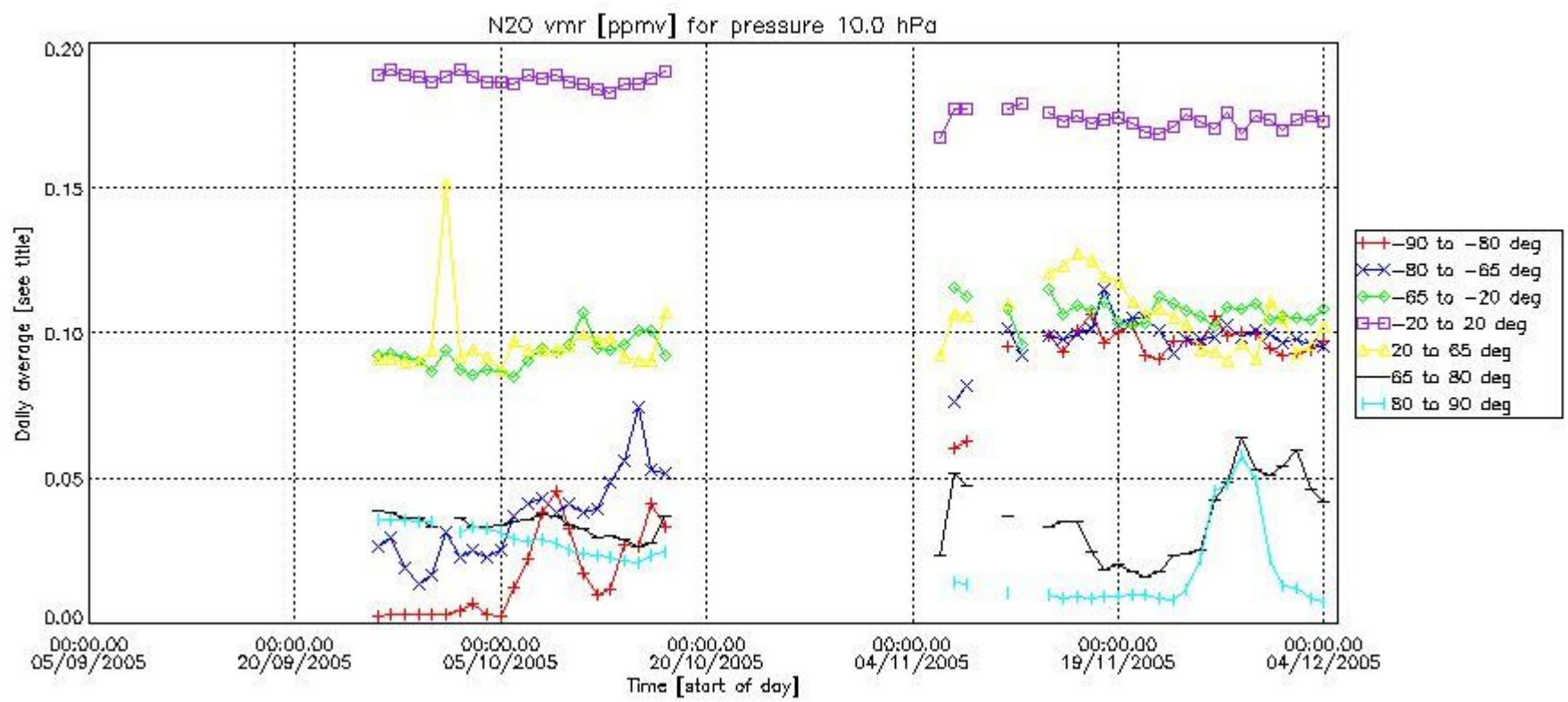
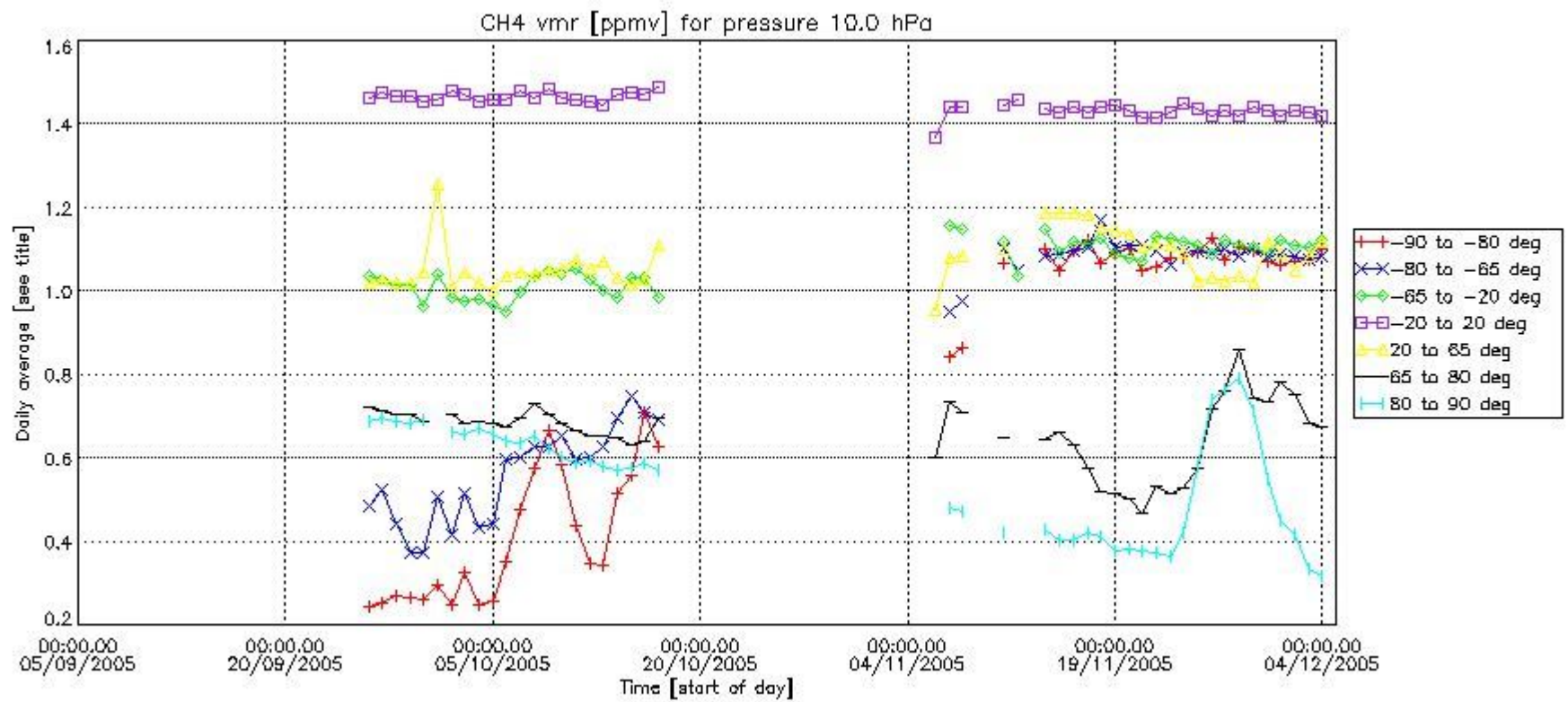


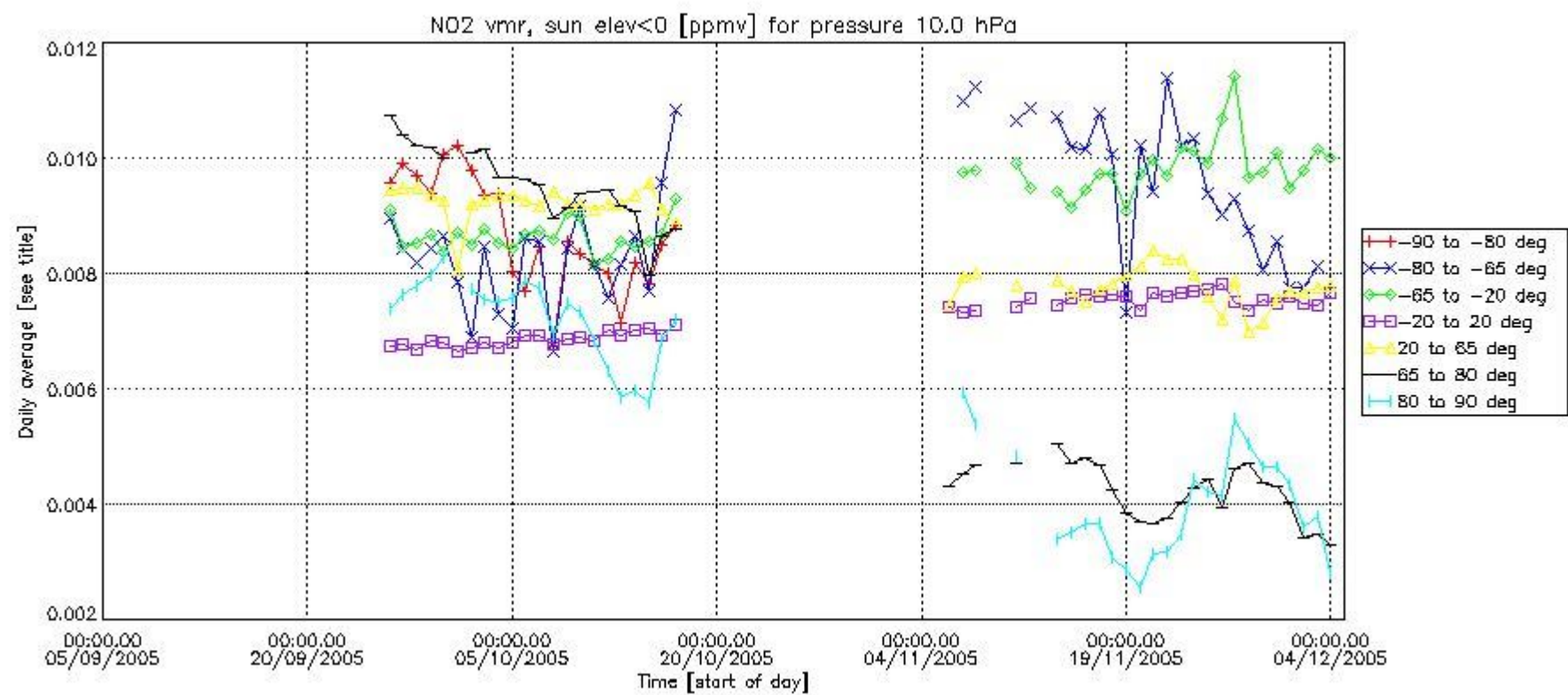
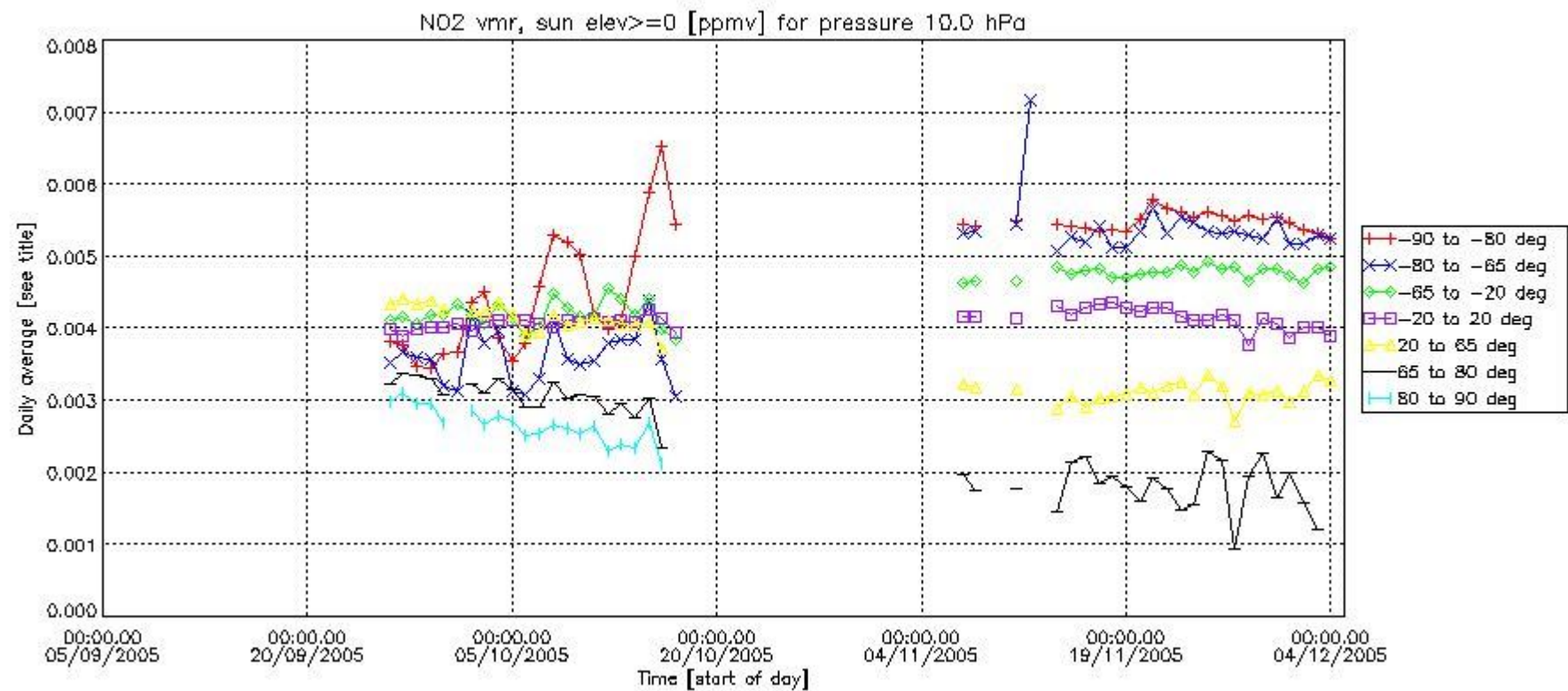


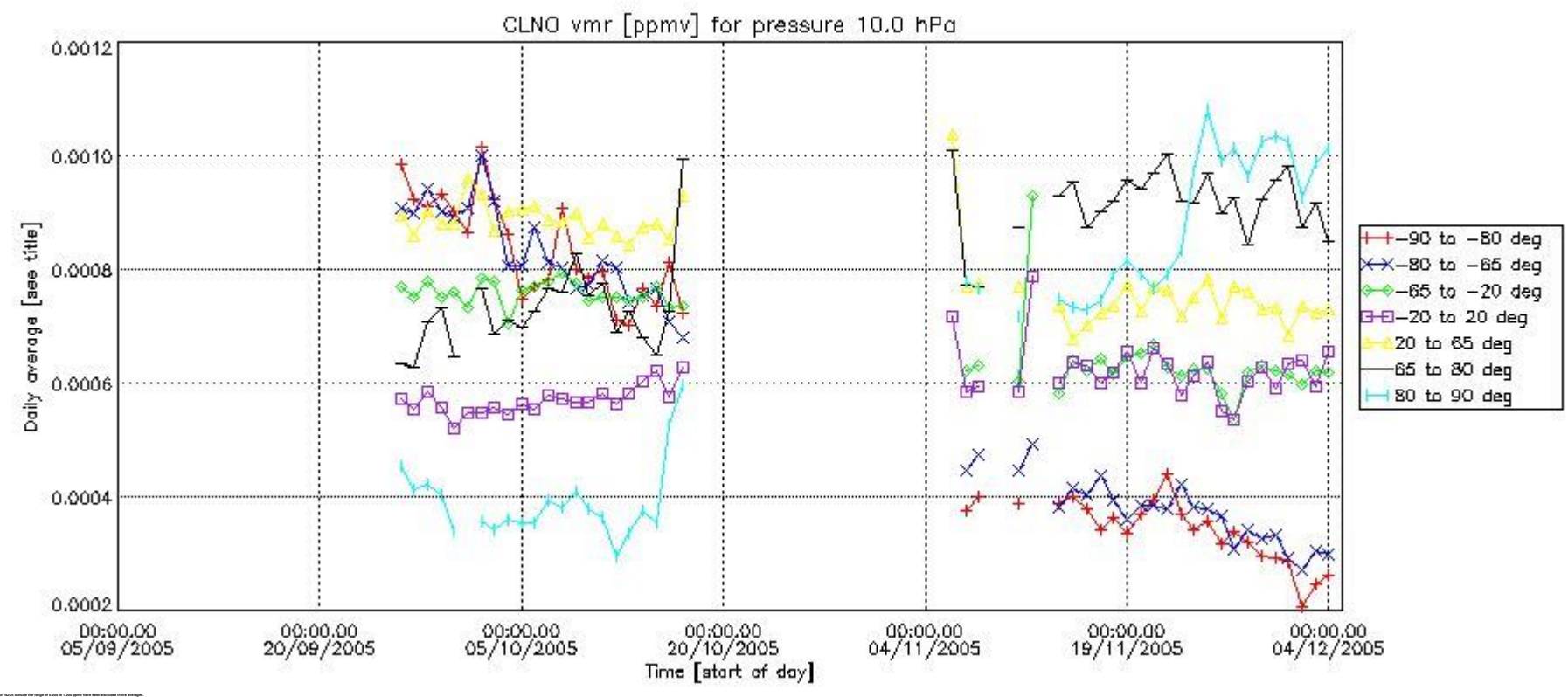
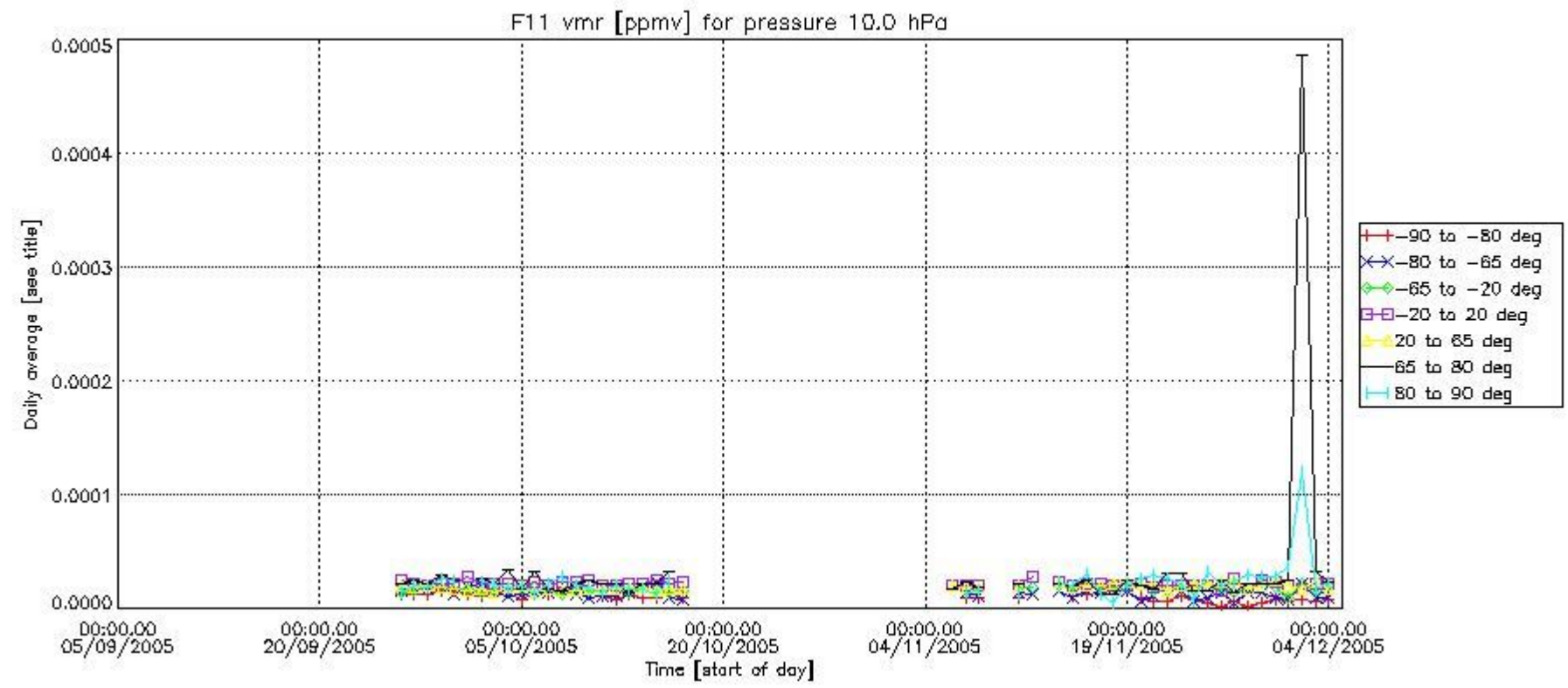


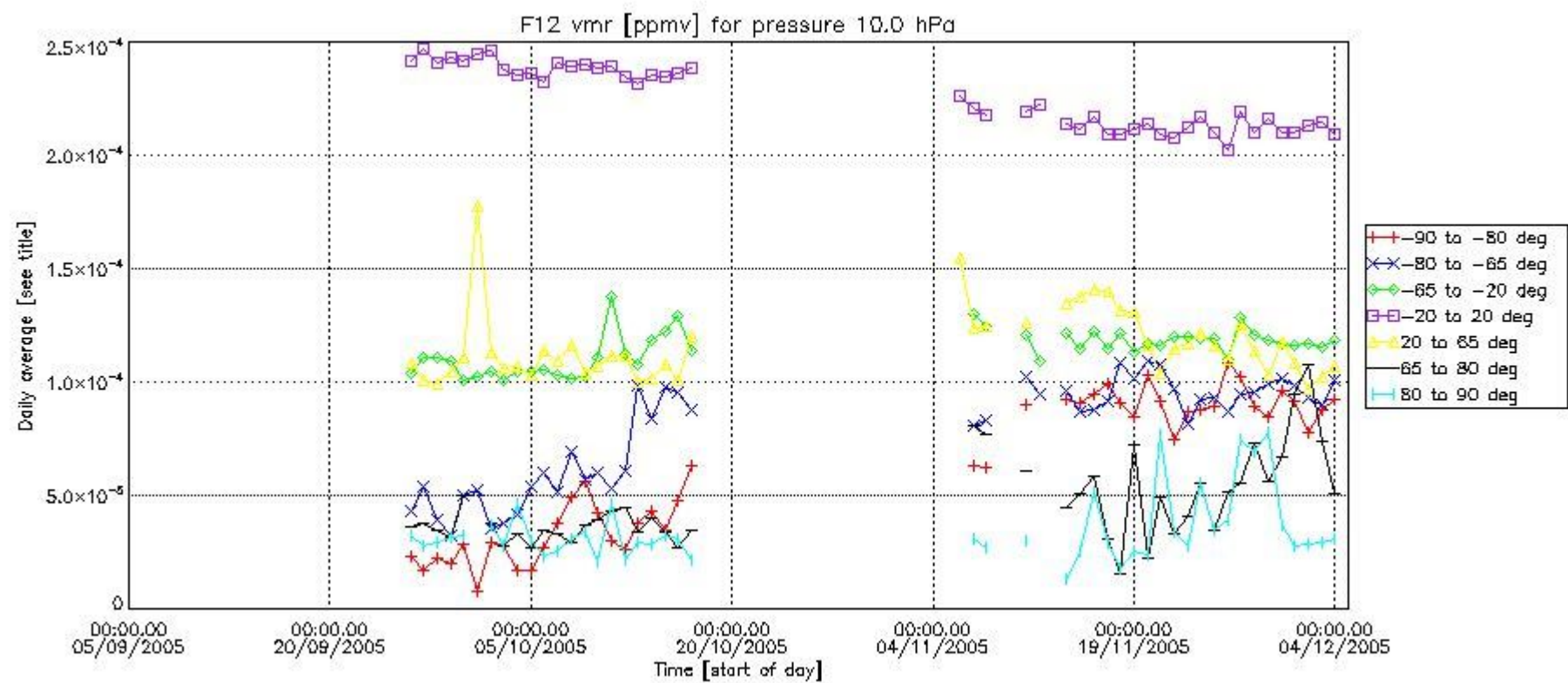
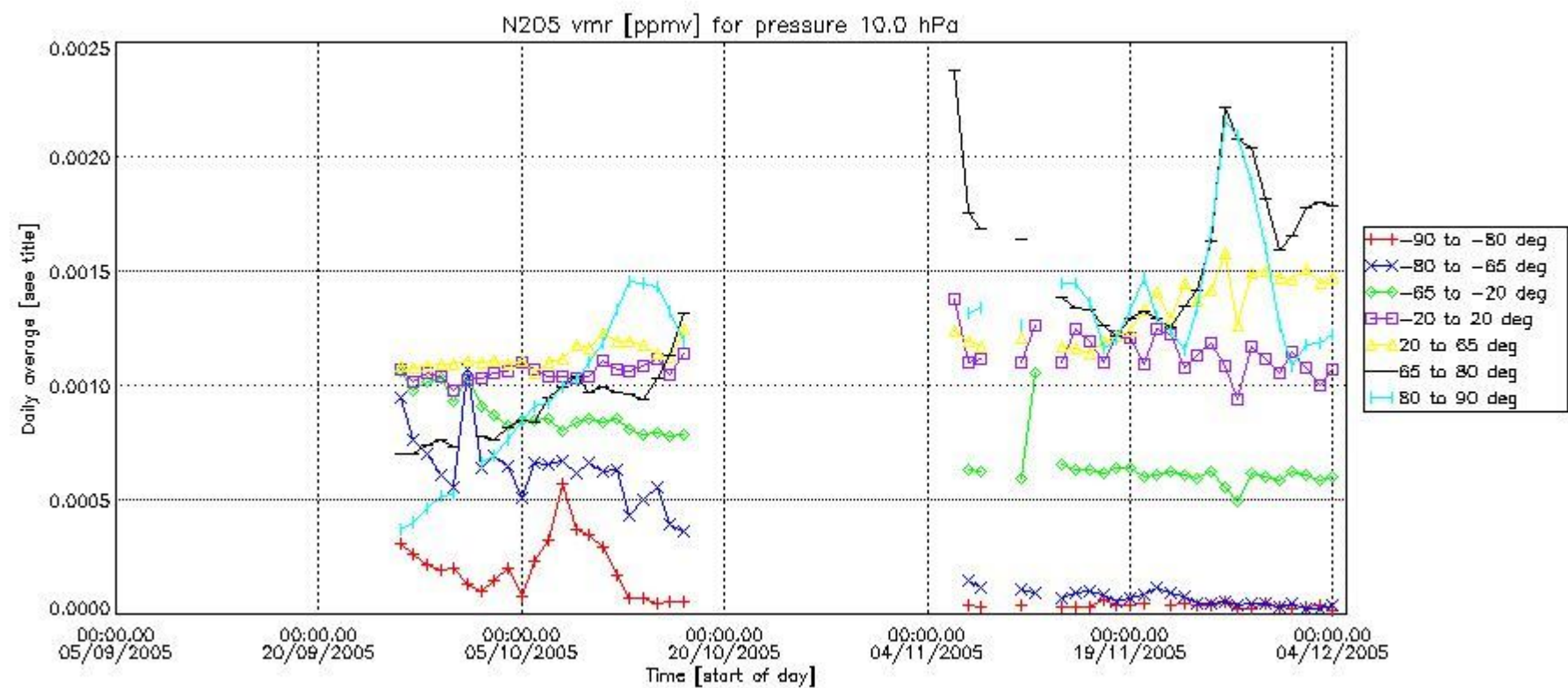


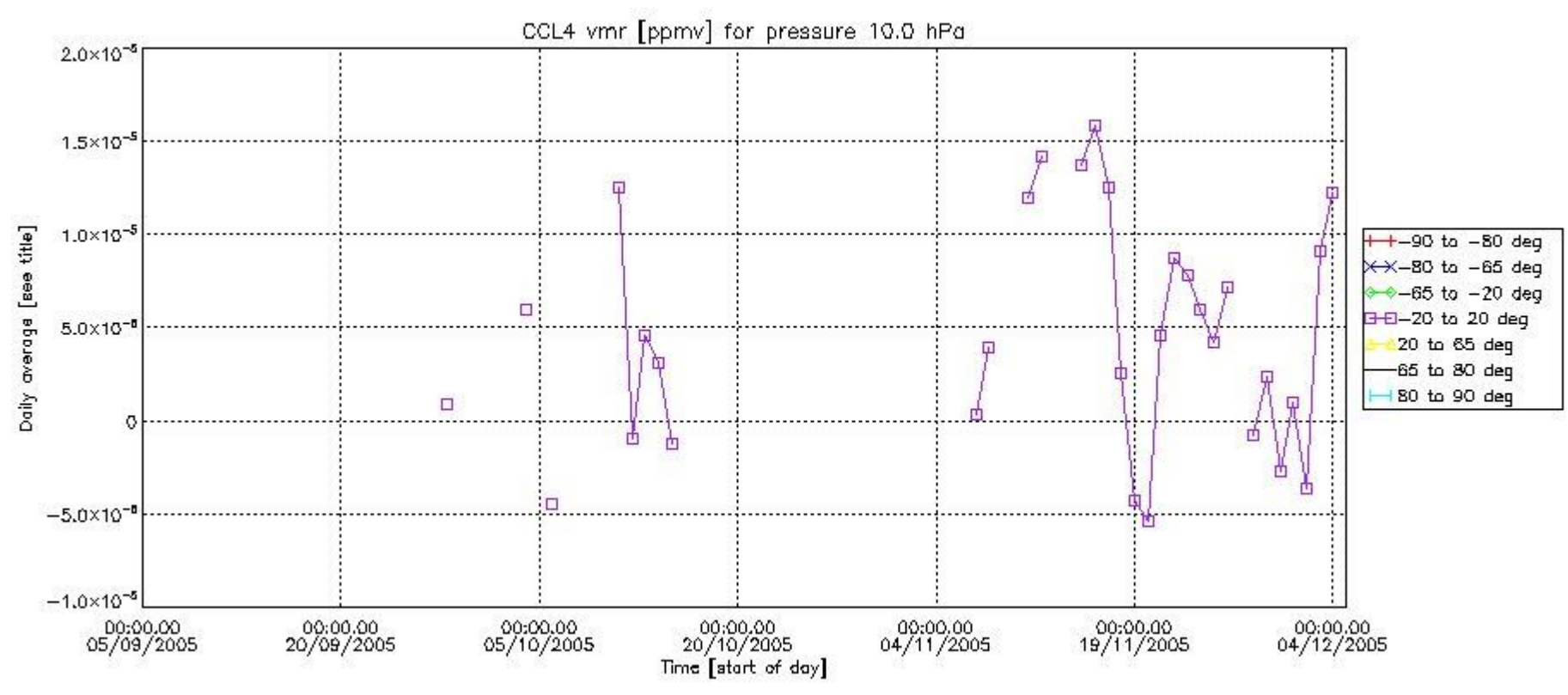
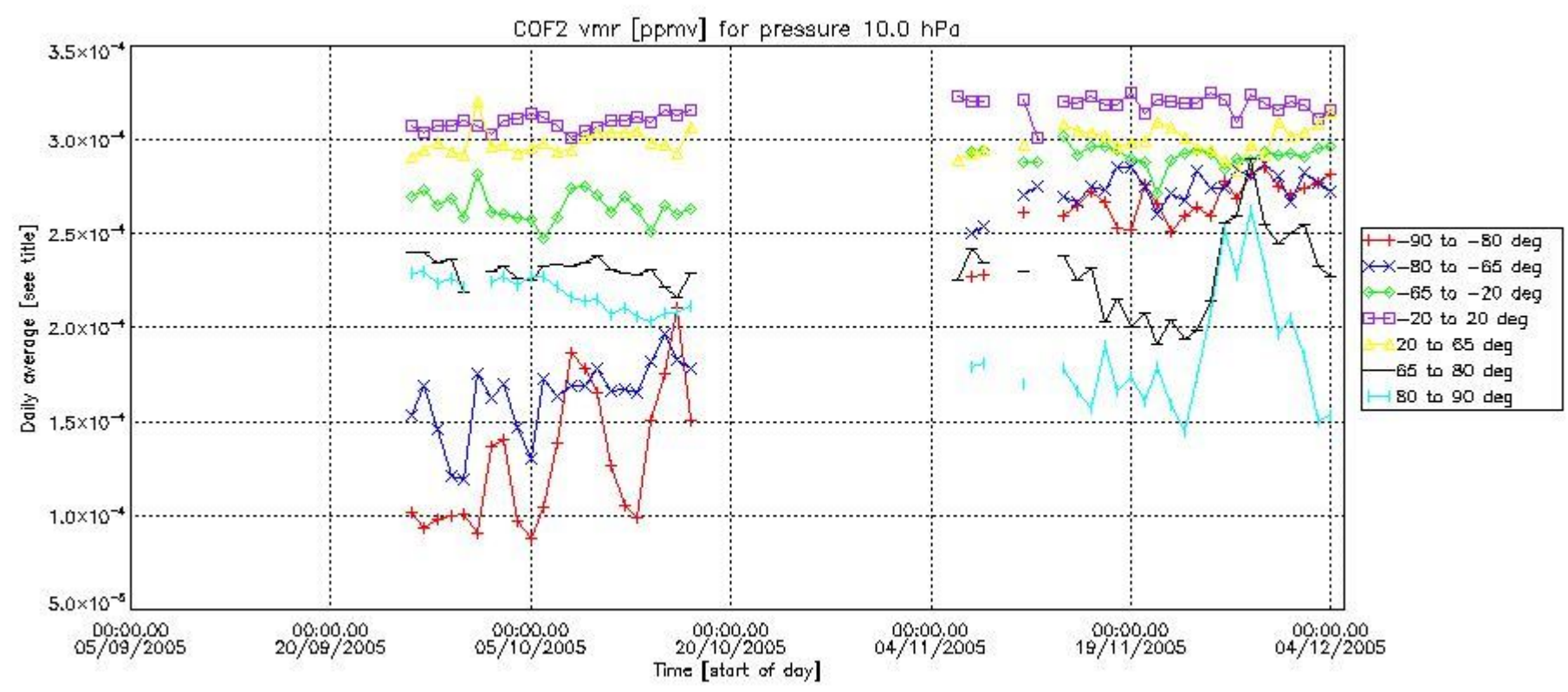


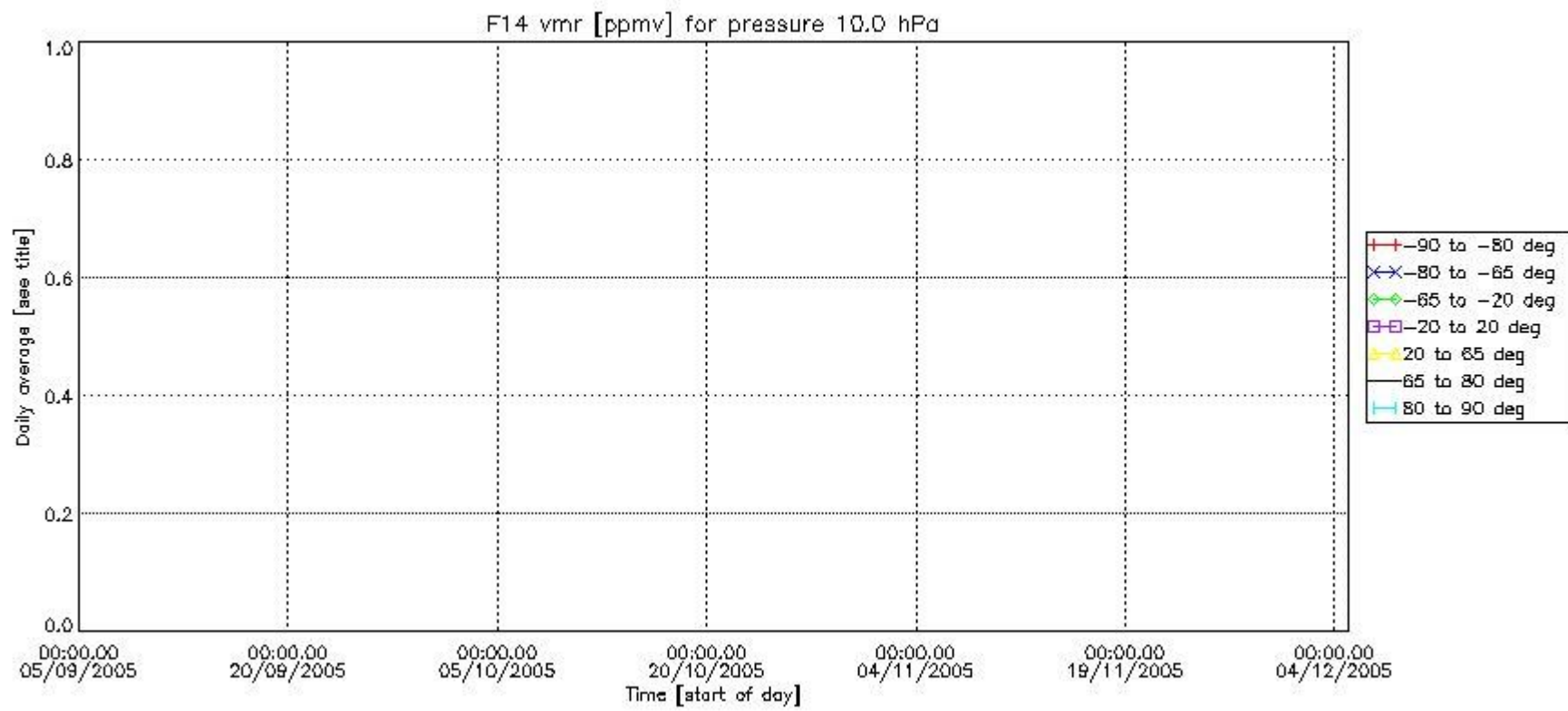
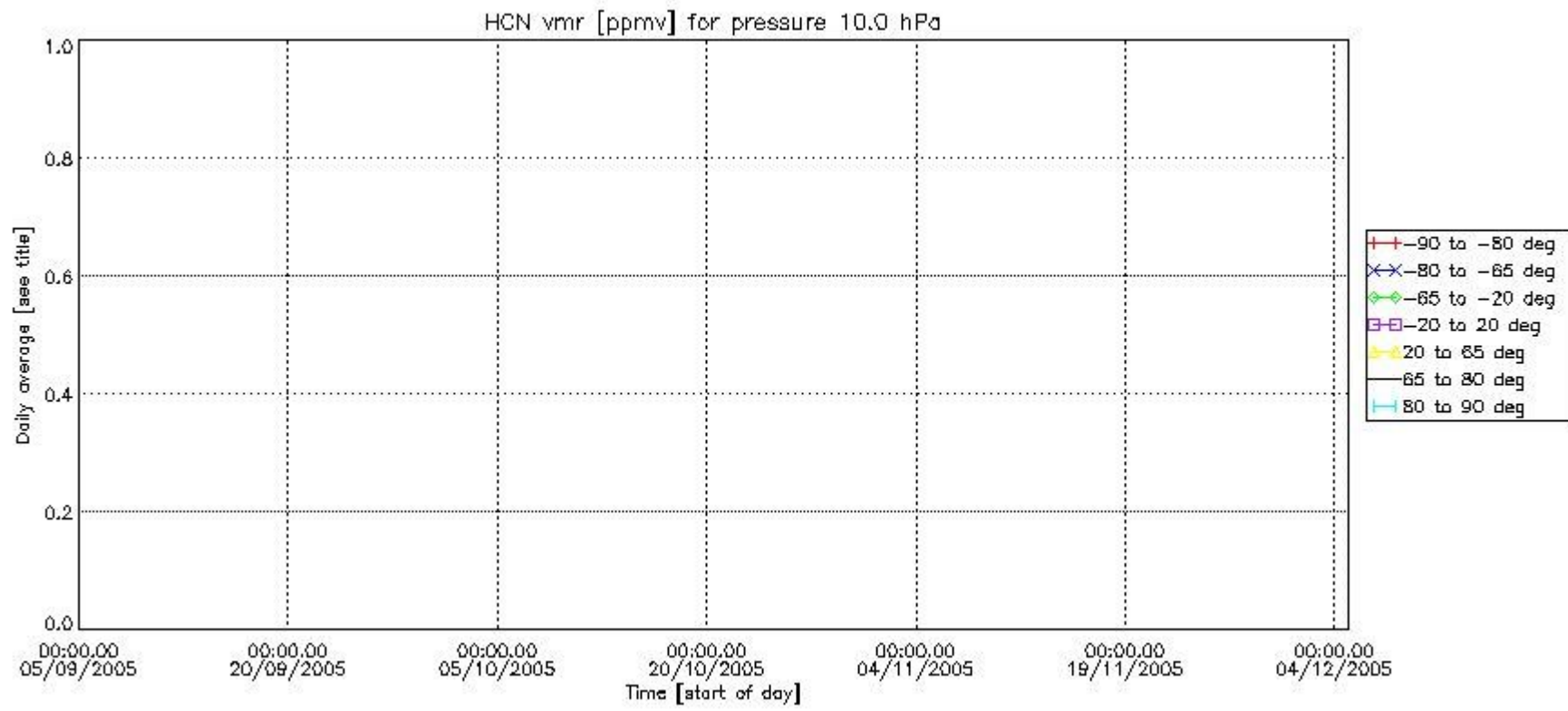


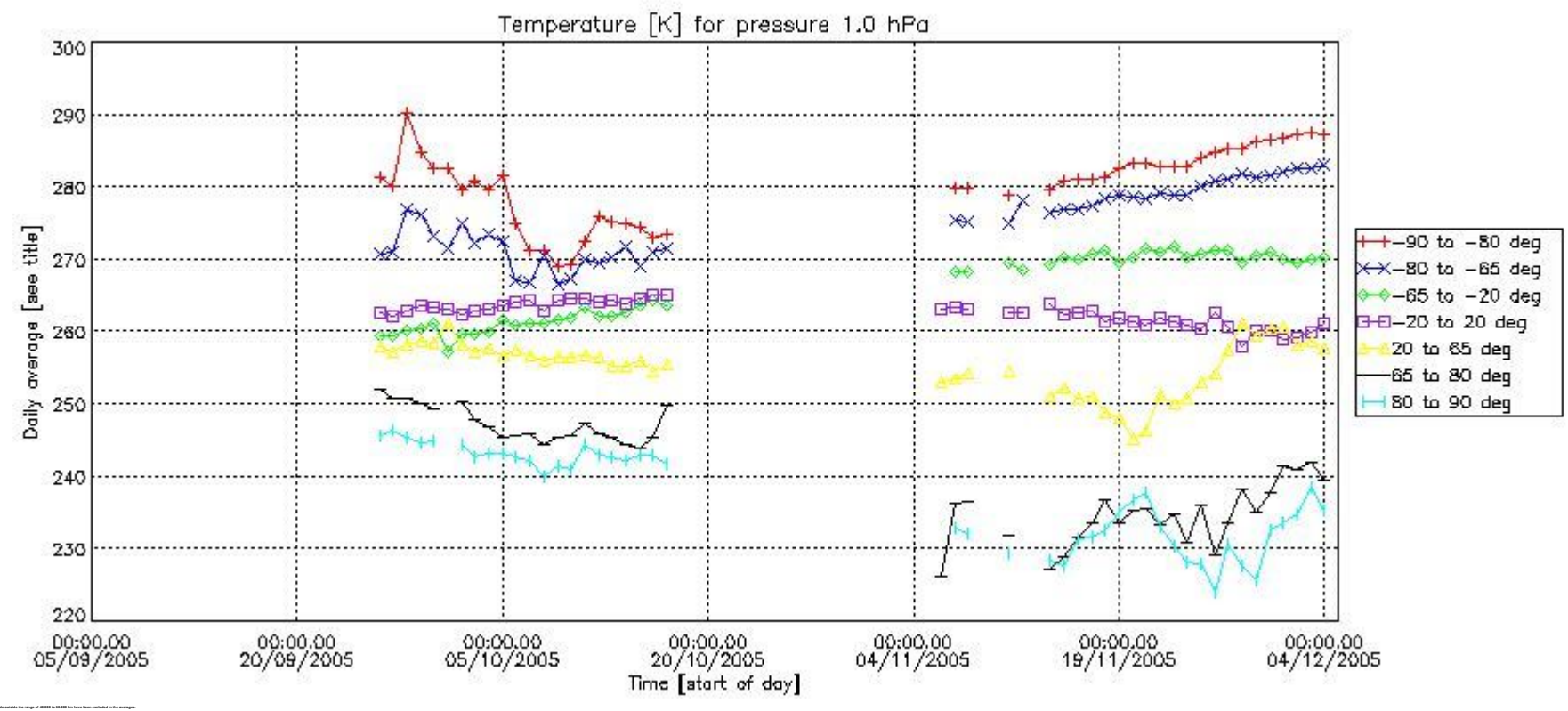
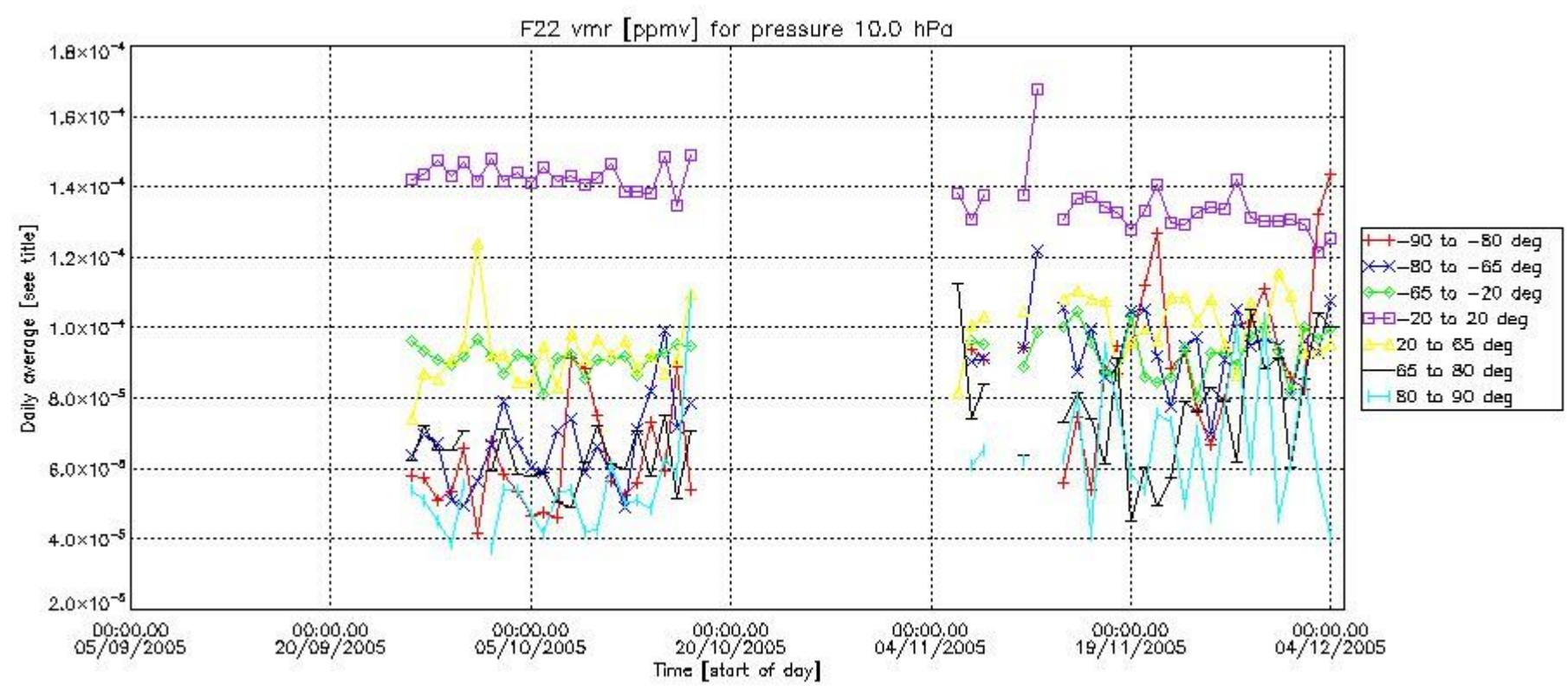


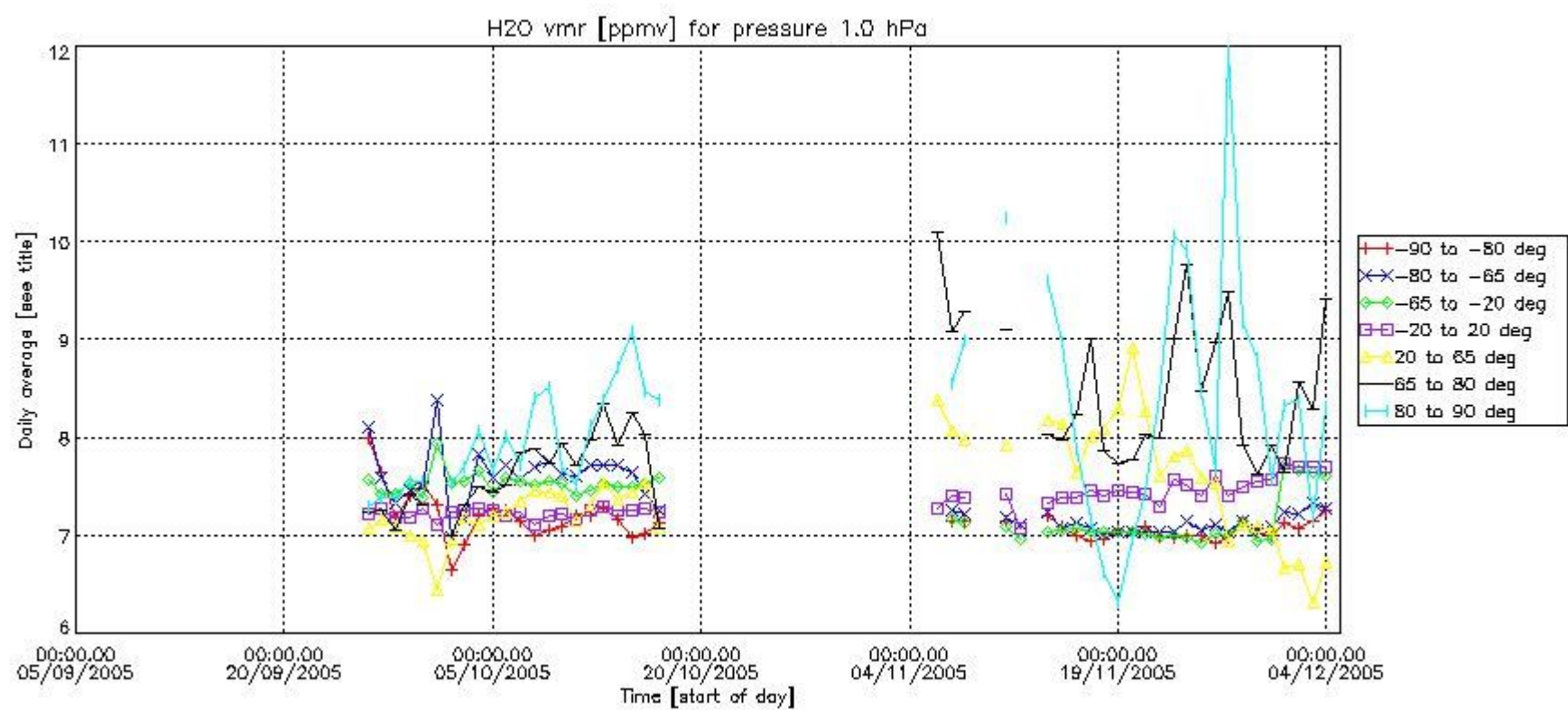
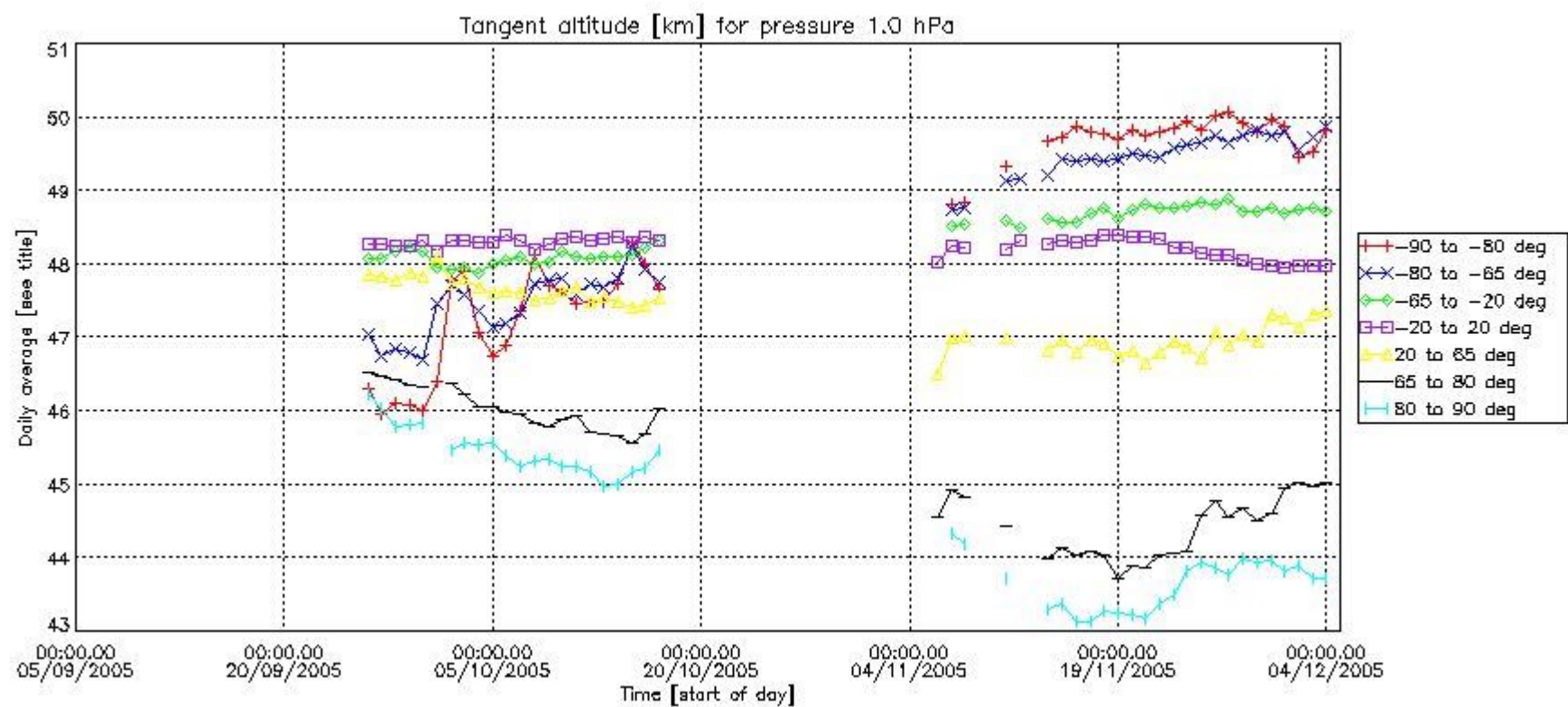


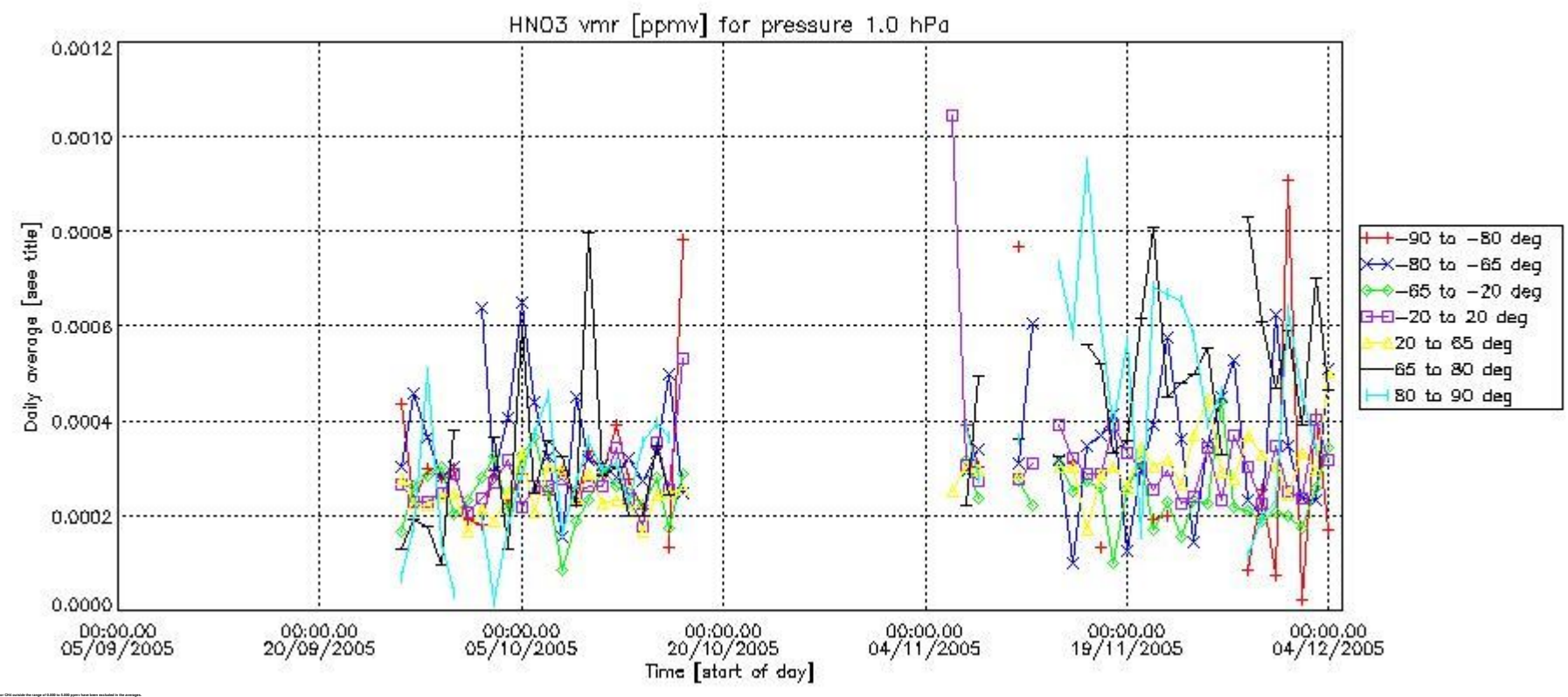
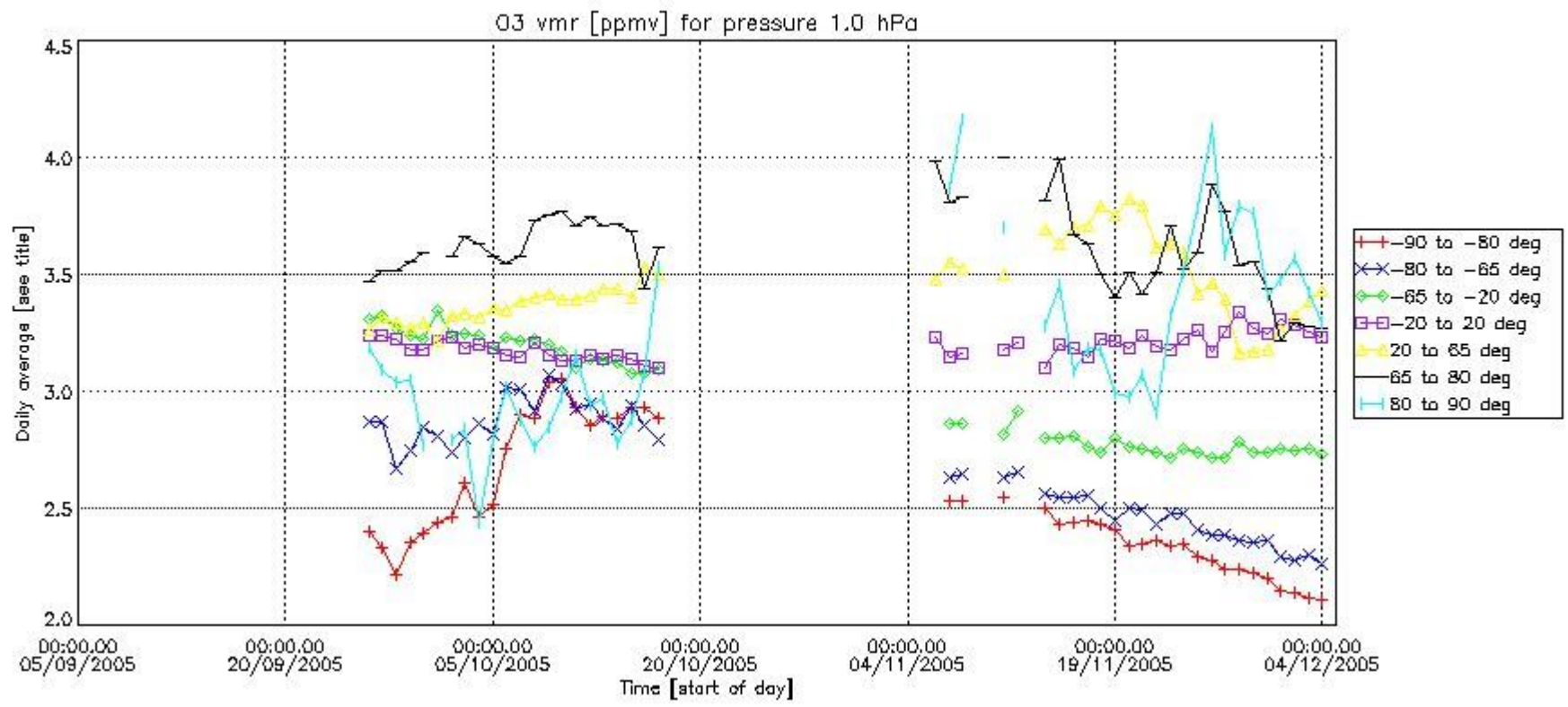


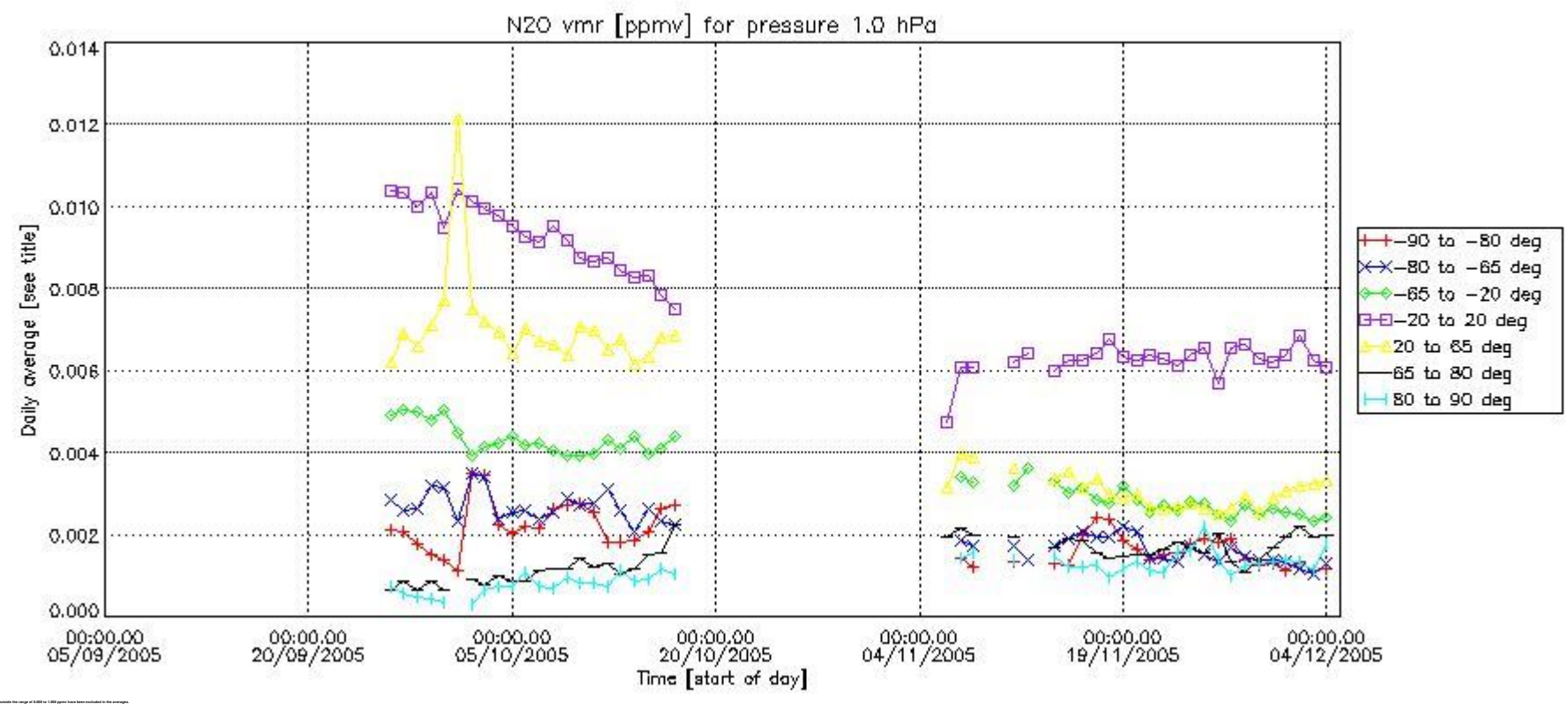
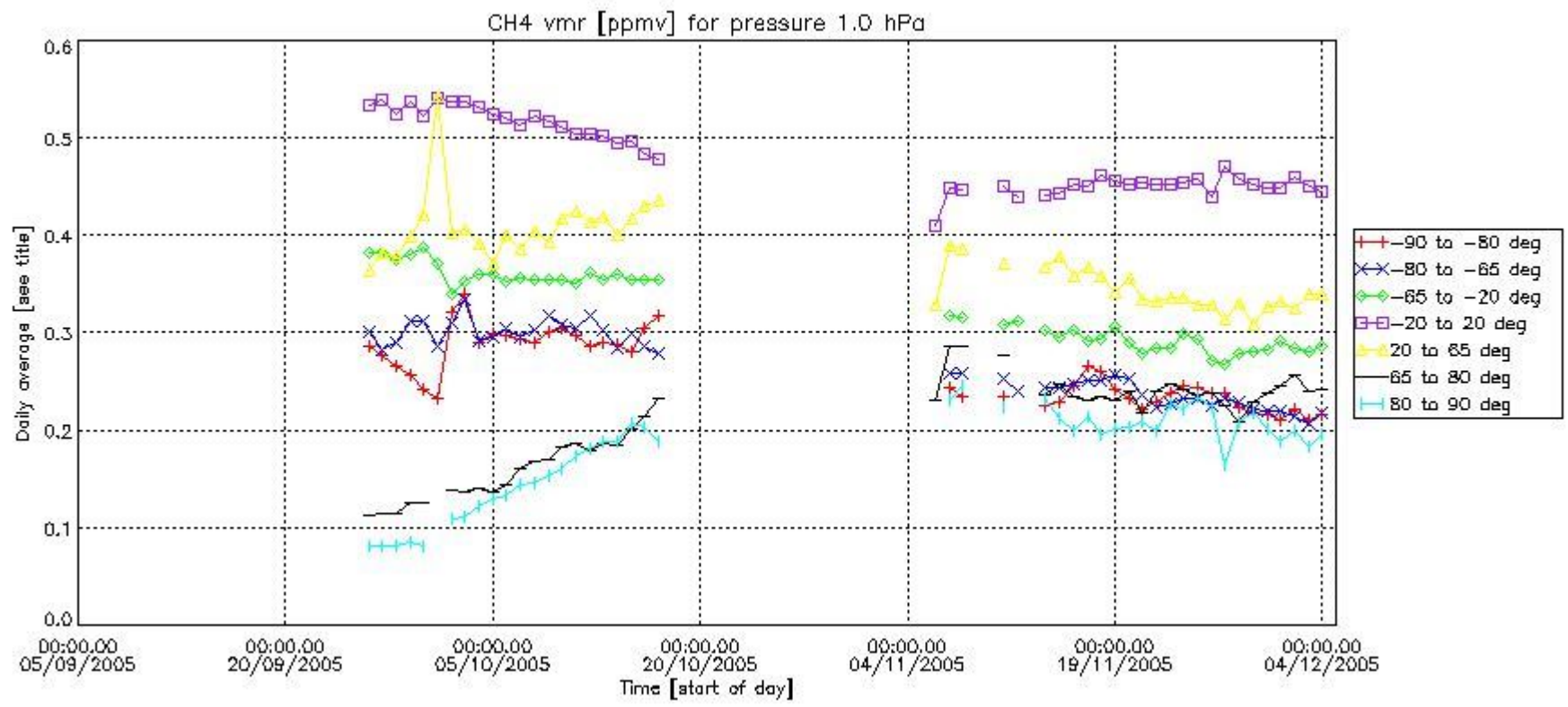


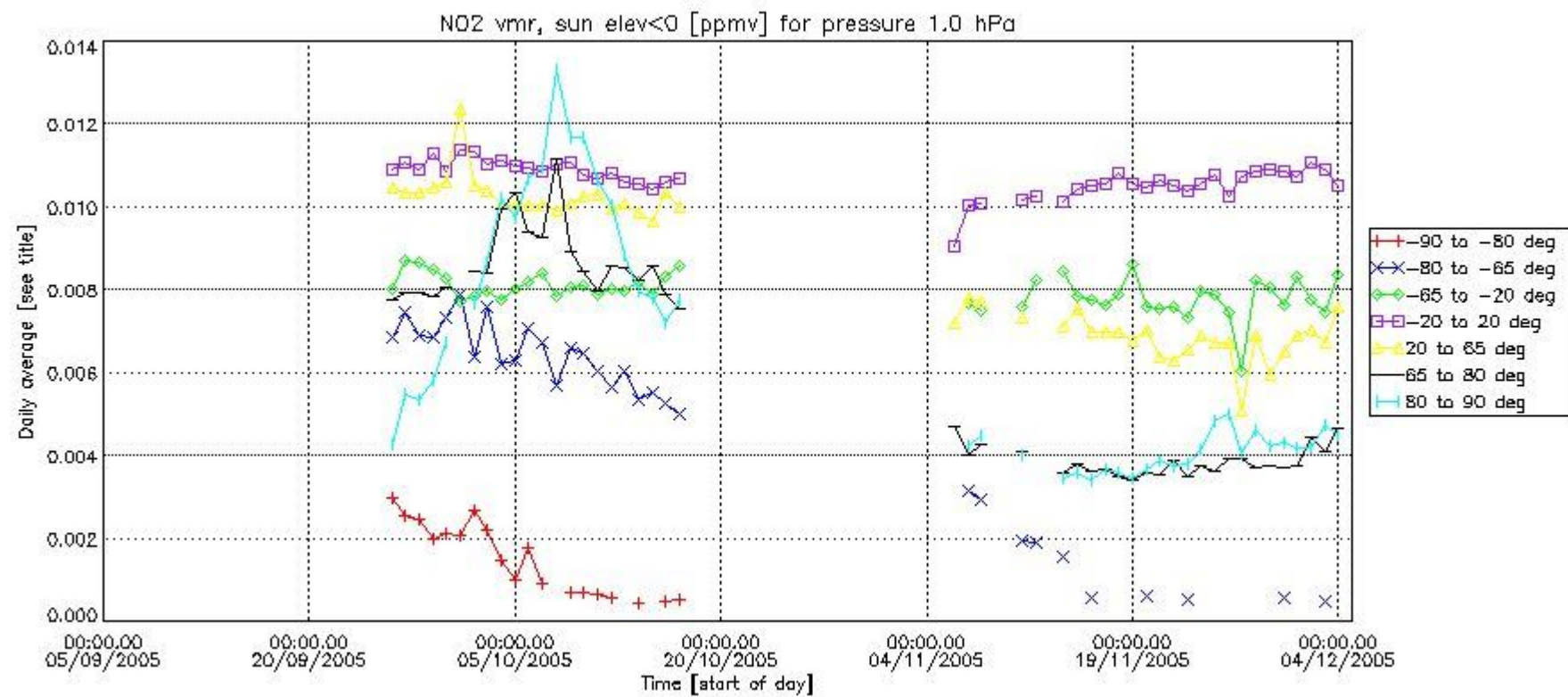
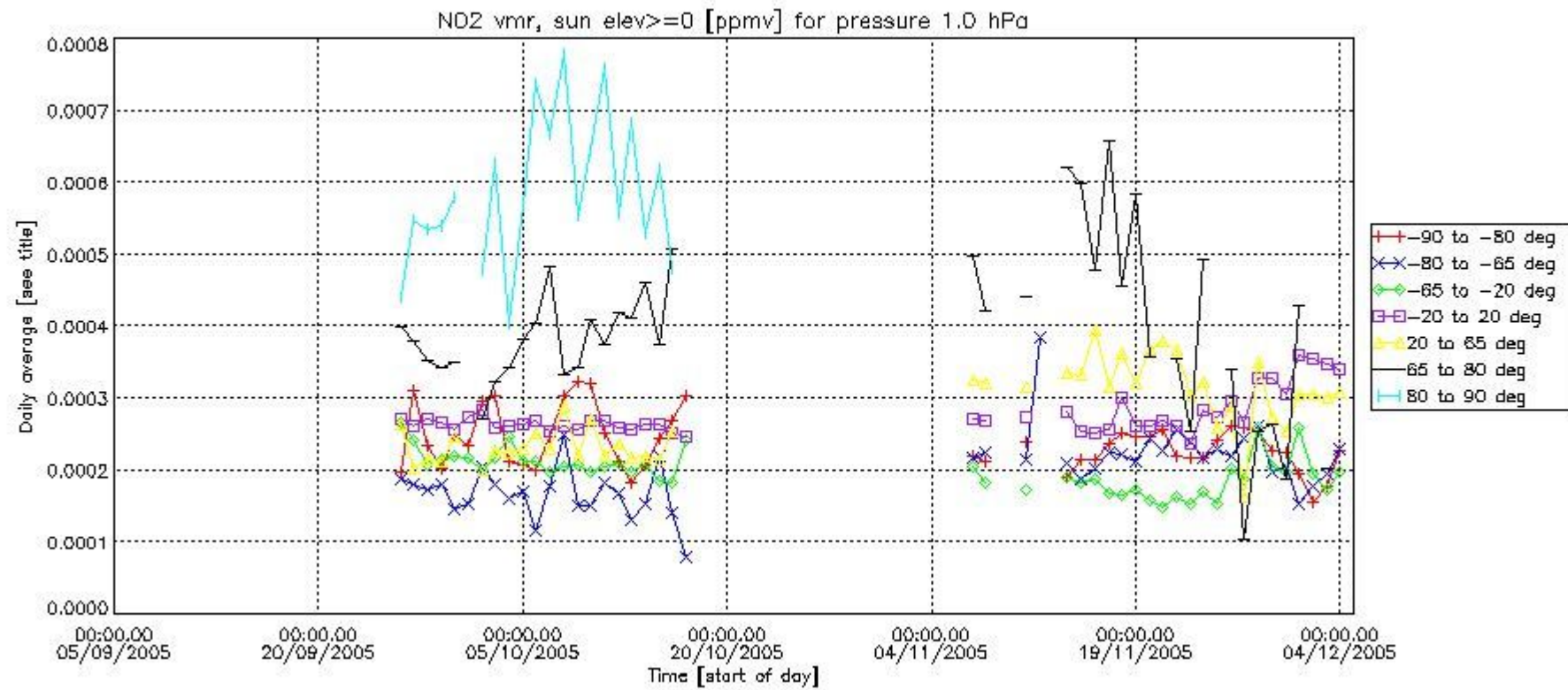


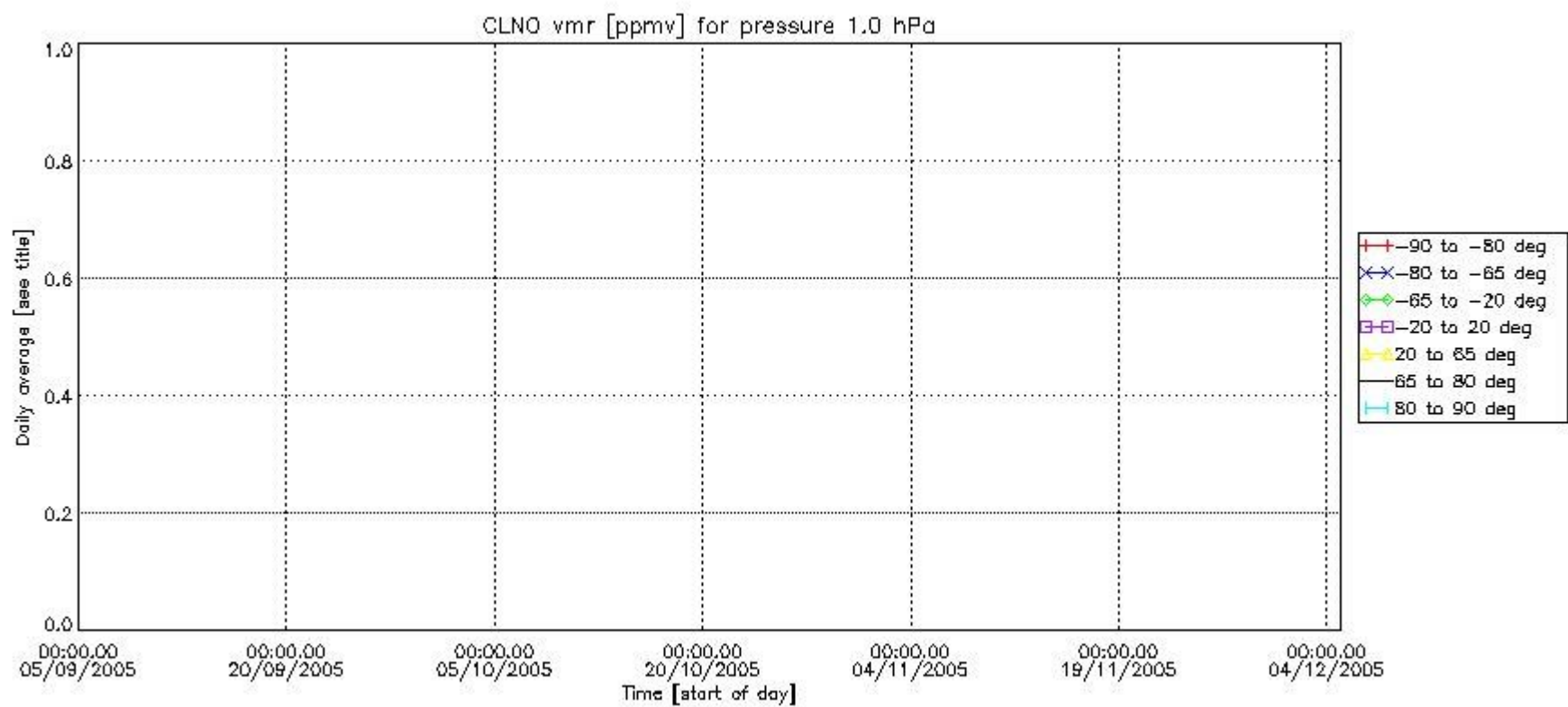
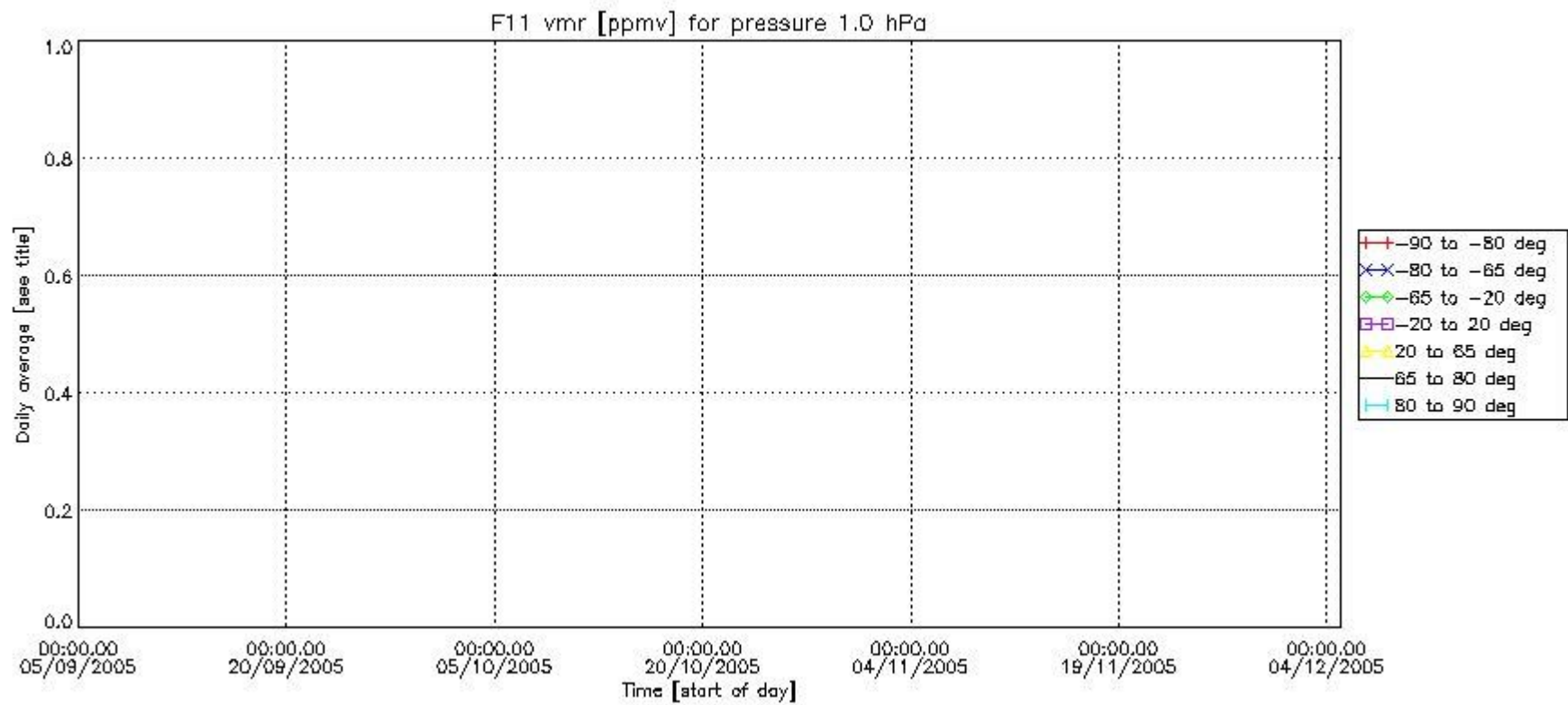


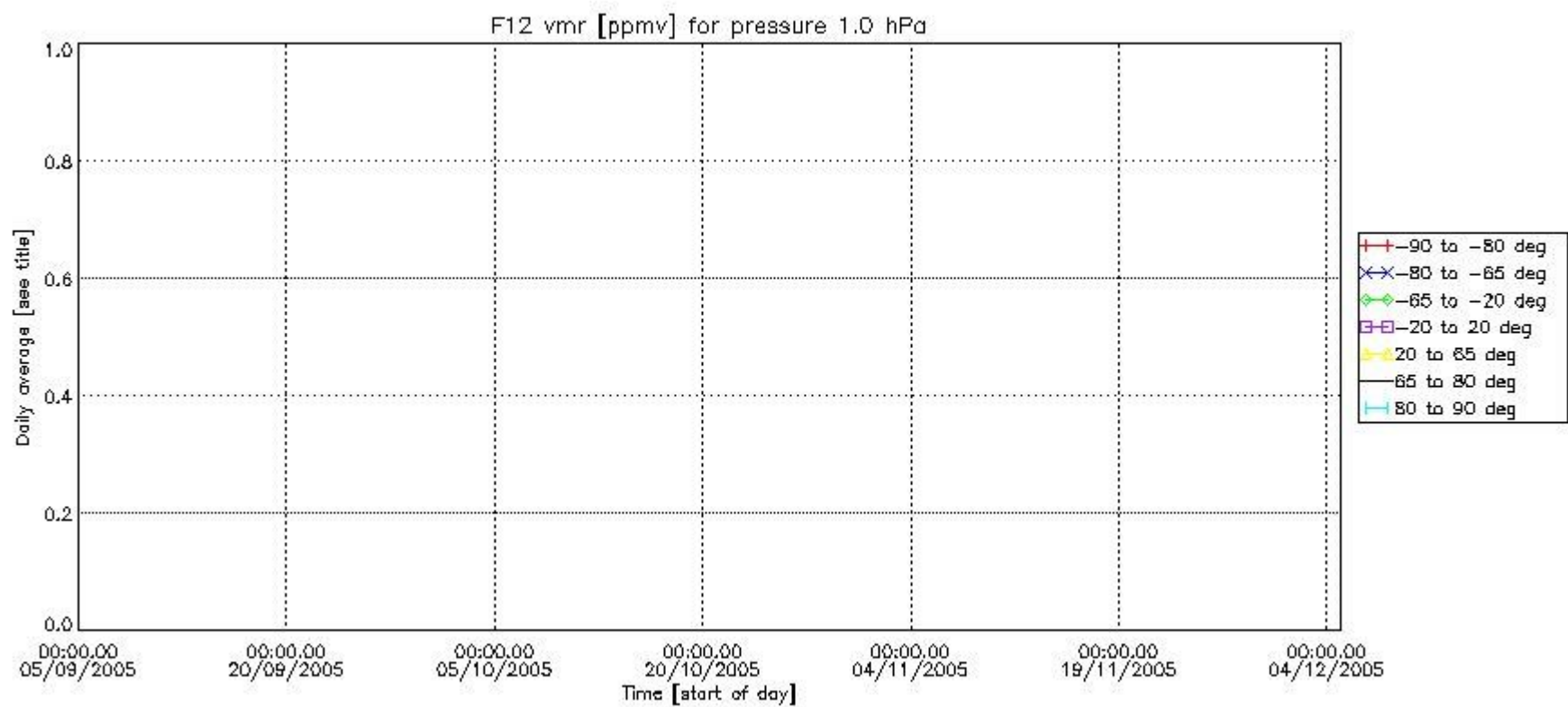
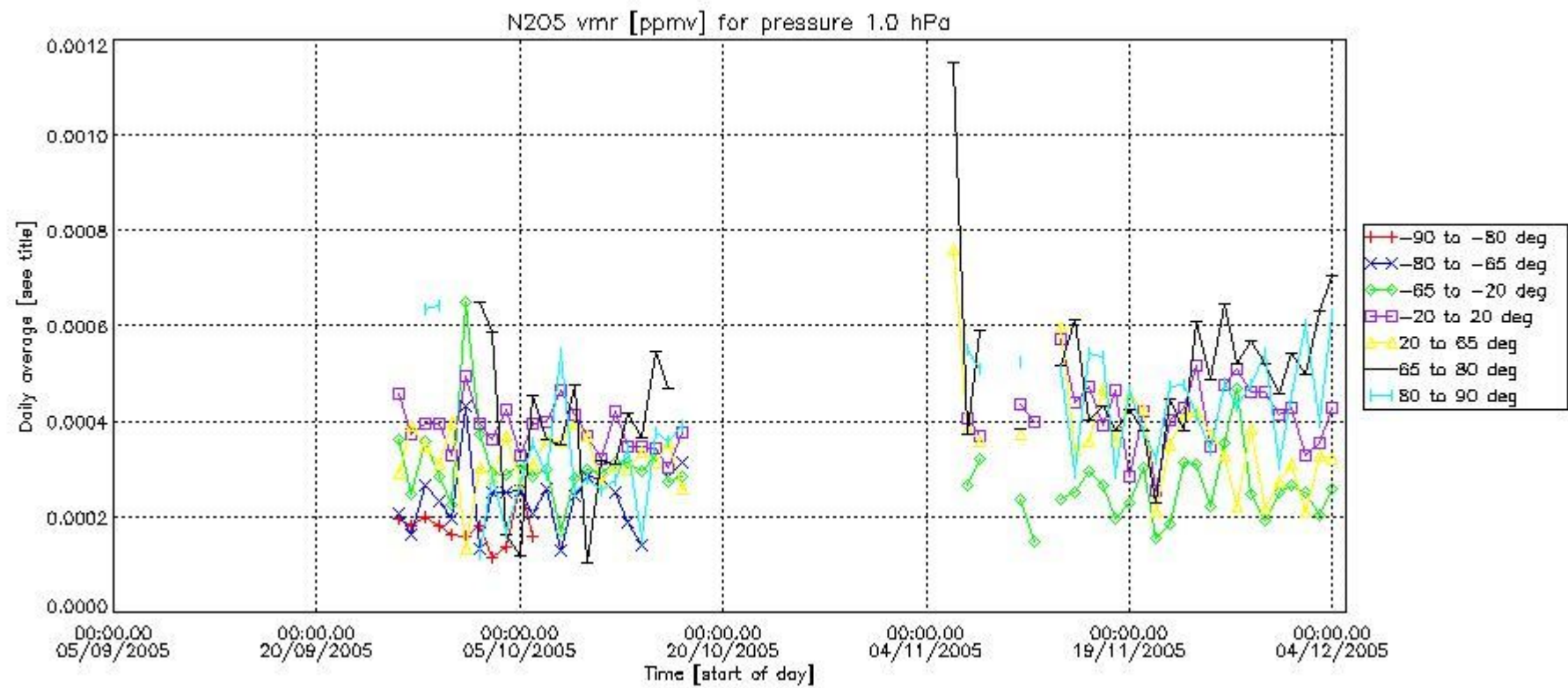


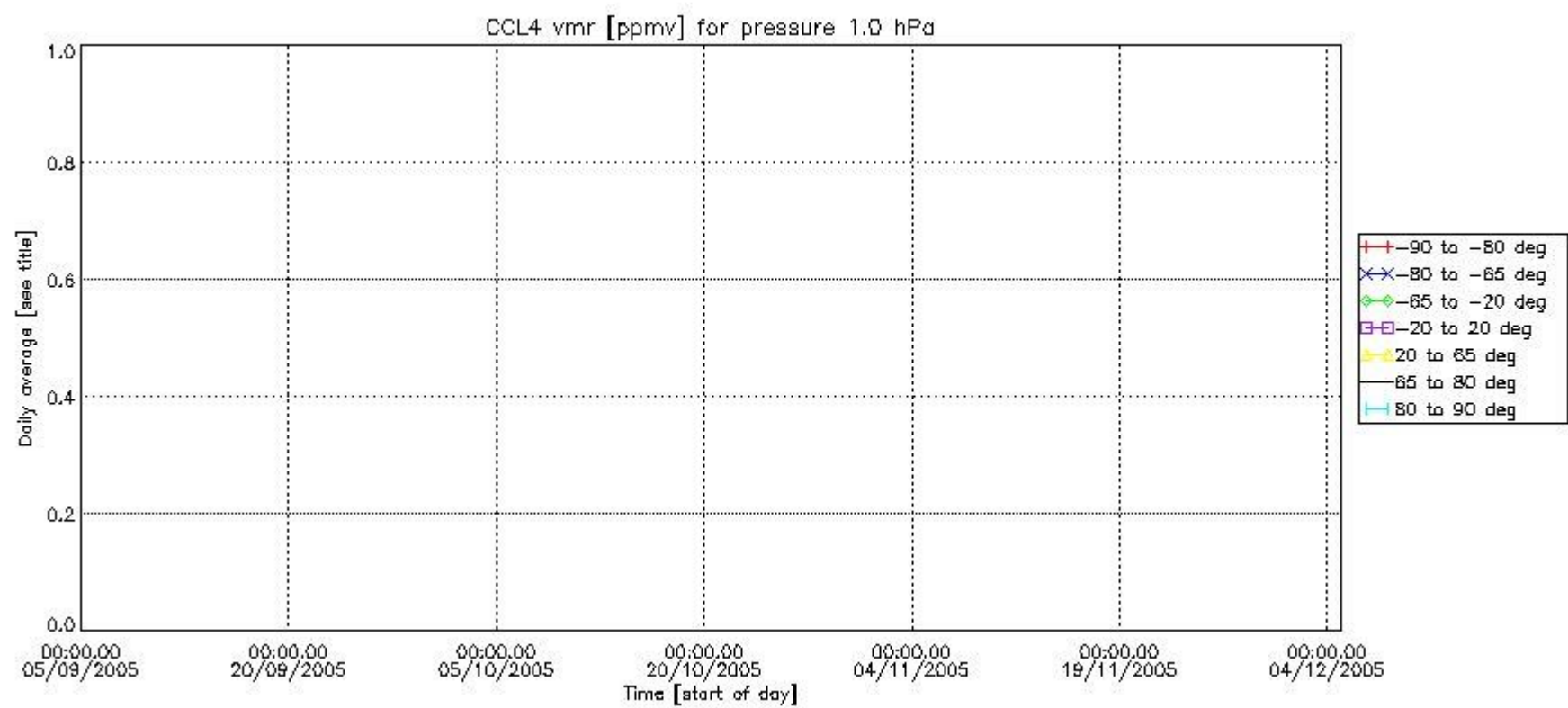
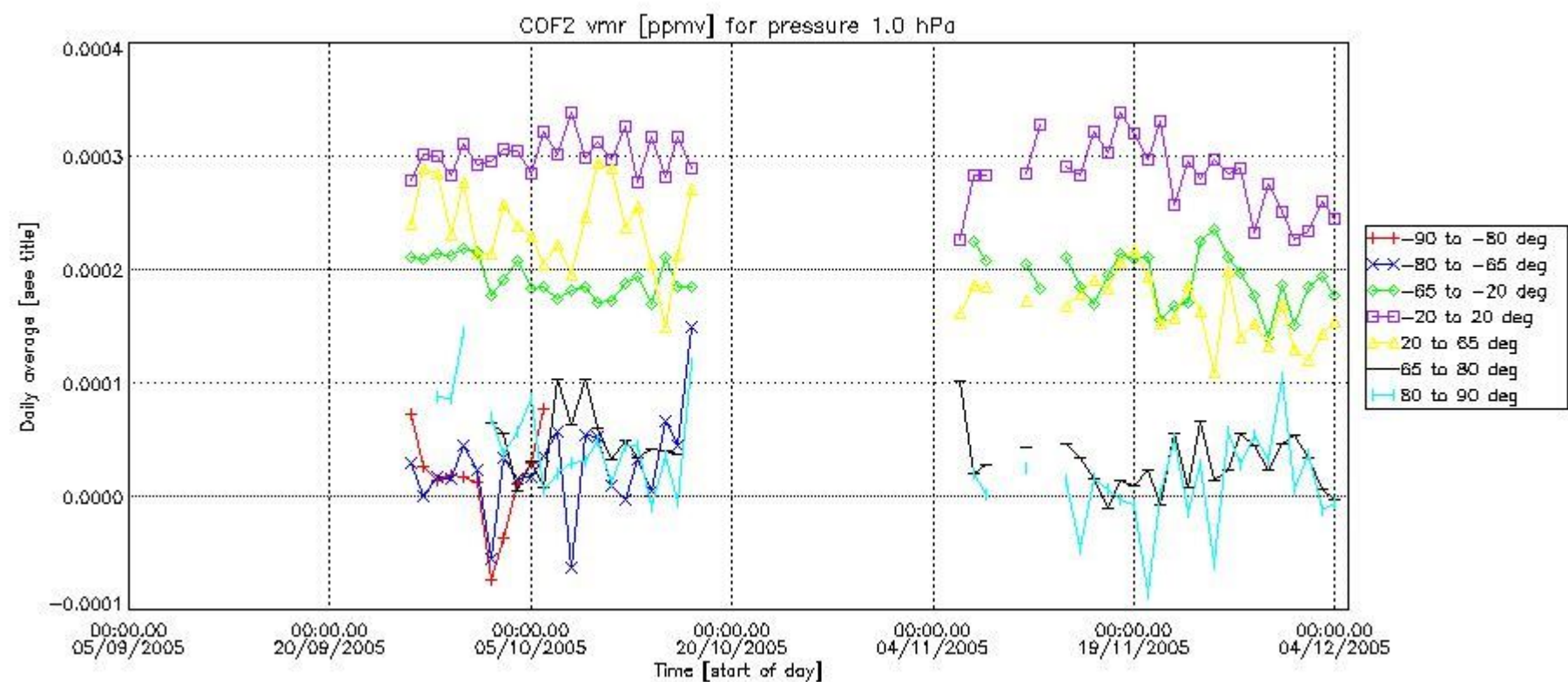


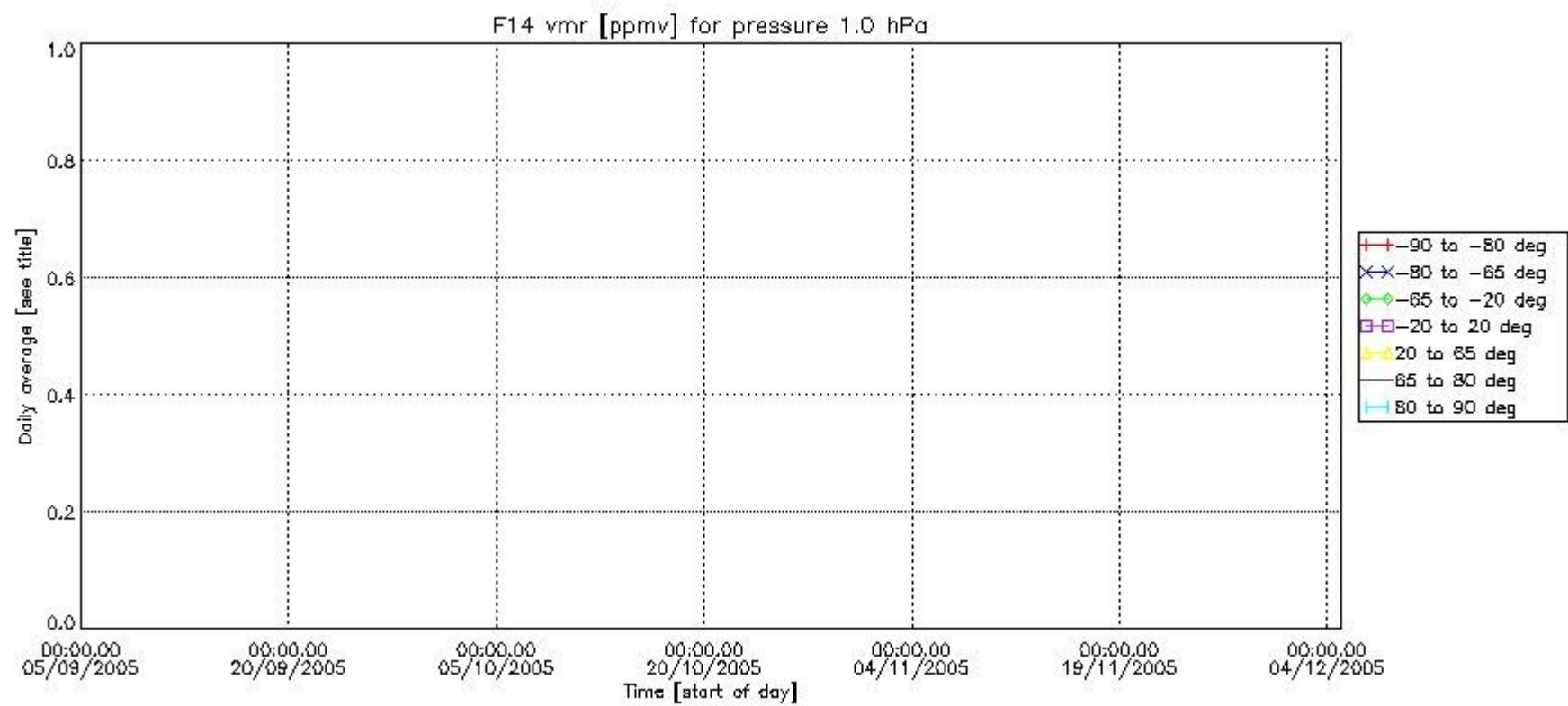
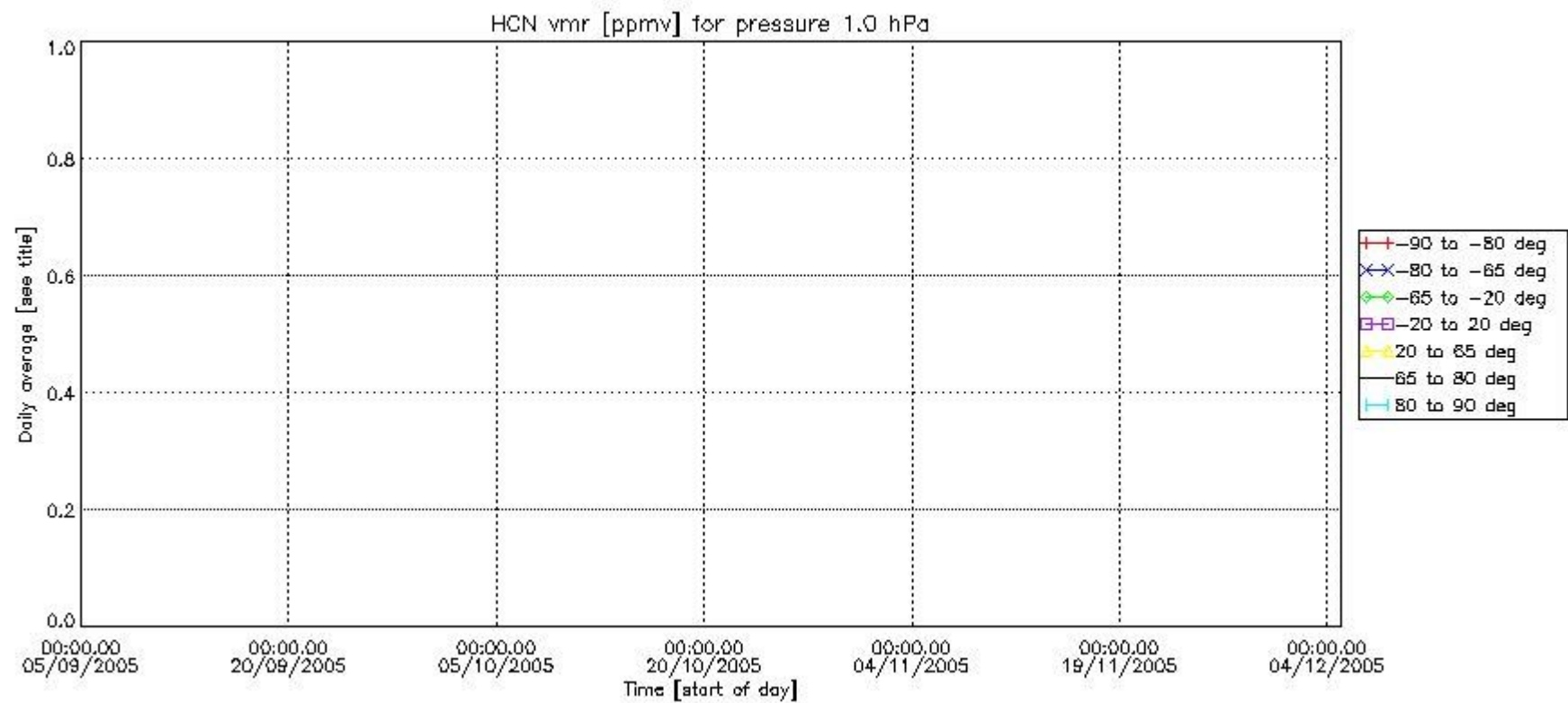


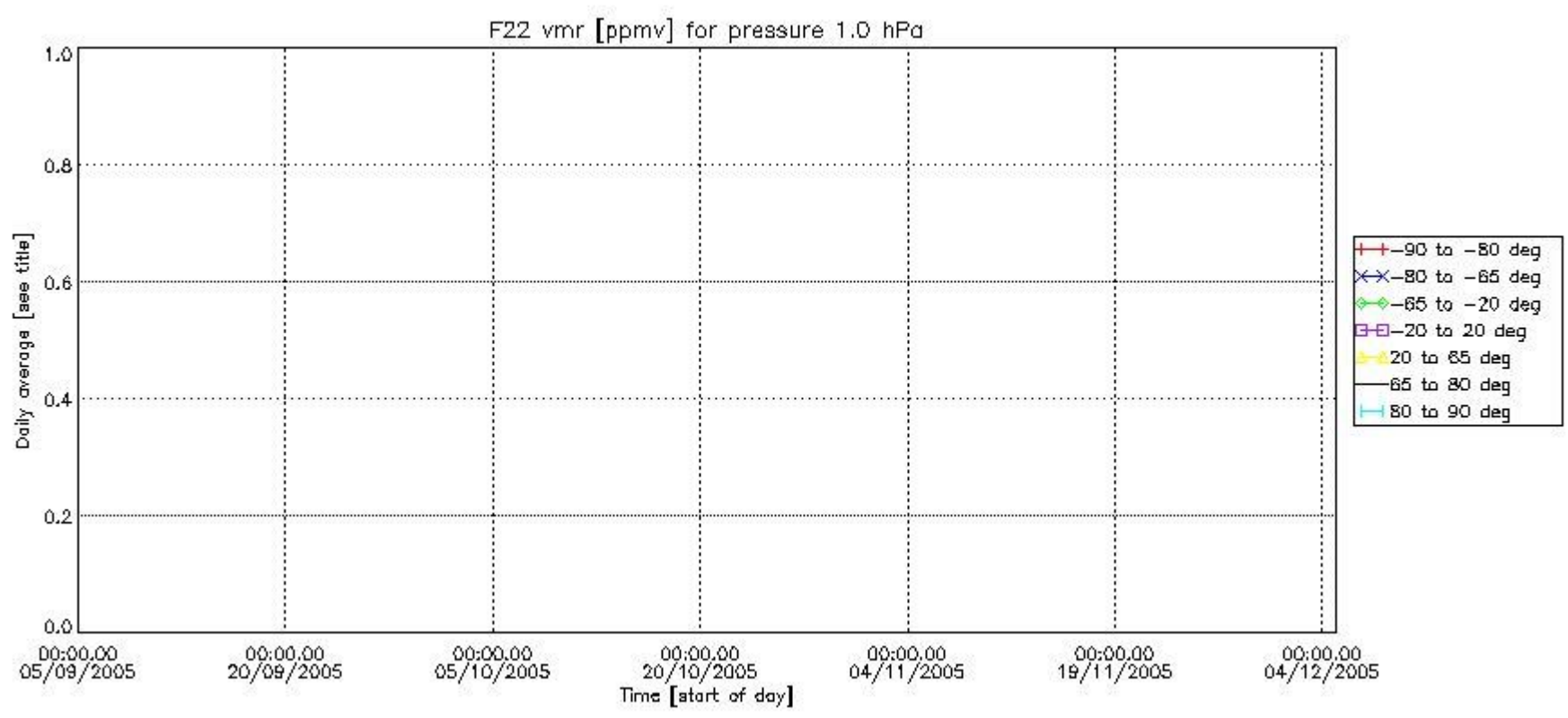












Number of successful retrievals vs. geolocation (*=day side , triangle=night side).

