

2. MIPAS Daily Report for level 2 products summary report

(See [mipas_daily_report_level2_ML2PP_7_03_W_20051112.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 16:26:58
Data source version	ML2PP/7.03-W
Processing scope for products	12NOV2005 00:00:00 to 13NOV2005 00:00:00
Start time of first product within scope	11NOV2005 22:34:56
Stop time of last product within scope	12NOV2005 10:18:00
Total number of level 2 products	5
Number of level 2 products with errors	1

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__2PWDSI20051111_223456_000059912042_00259_19351_1000.N1	11NOV2005 22:34:56	12NOV2005 00:14:47	0	132/132	VMR_TERM_MACRO_MICRO[F11/micro:1]
1	MIP_NL__2PWDSI20051112_001454_000005202042_00260_19352_1000.N1	12NOV2005 00:14:54	12NOV2005 00:23:34	0	12/12	
2	MIP_NL__2PWDSI20051112_065431_000001252042_00263_19355_1000.N1	12NOV2005 06:54:31	12NOV2005 06:56:37	0	3/3	
3	MIP_NL__2PWDSI20051112_065727_000000382042_00264_19356_1000.N1	12NOV2005 06:57:27	12NOV2005 06:58:05	0	1/1	
4	MIP_NL__2PWDSI20051112_101750_000000102042_00265_19357_1000.N1	12NOV2005 10:17:50	12NOV2005 10:18:00	1	1/1	

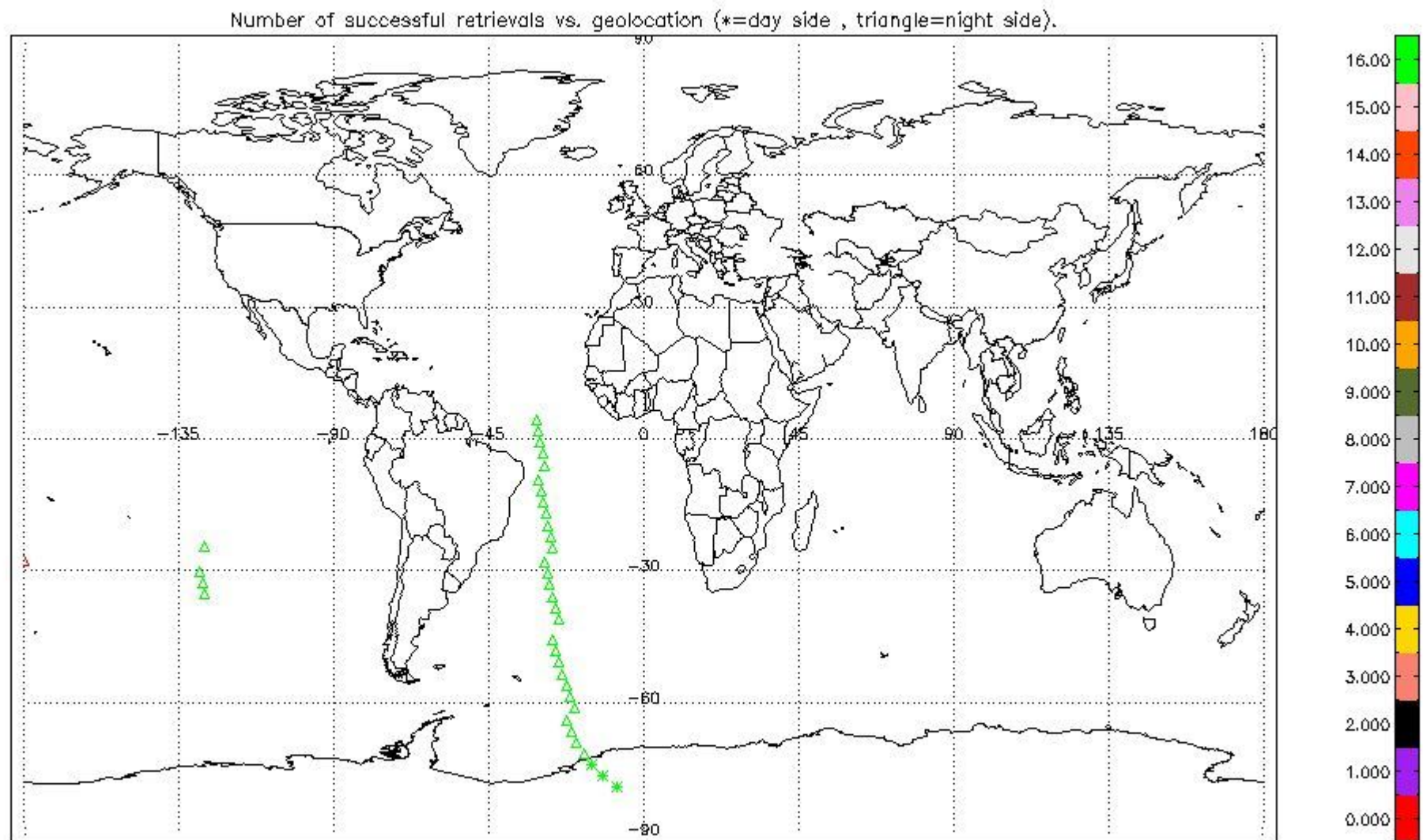
2.2 Processing performance indicators

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.

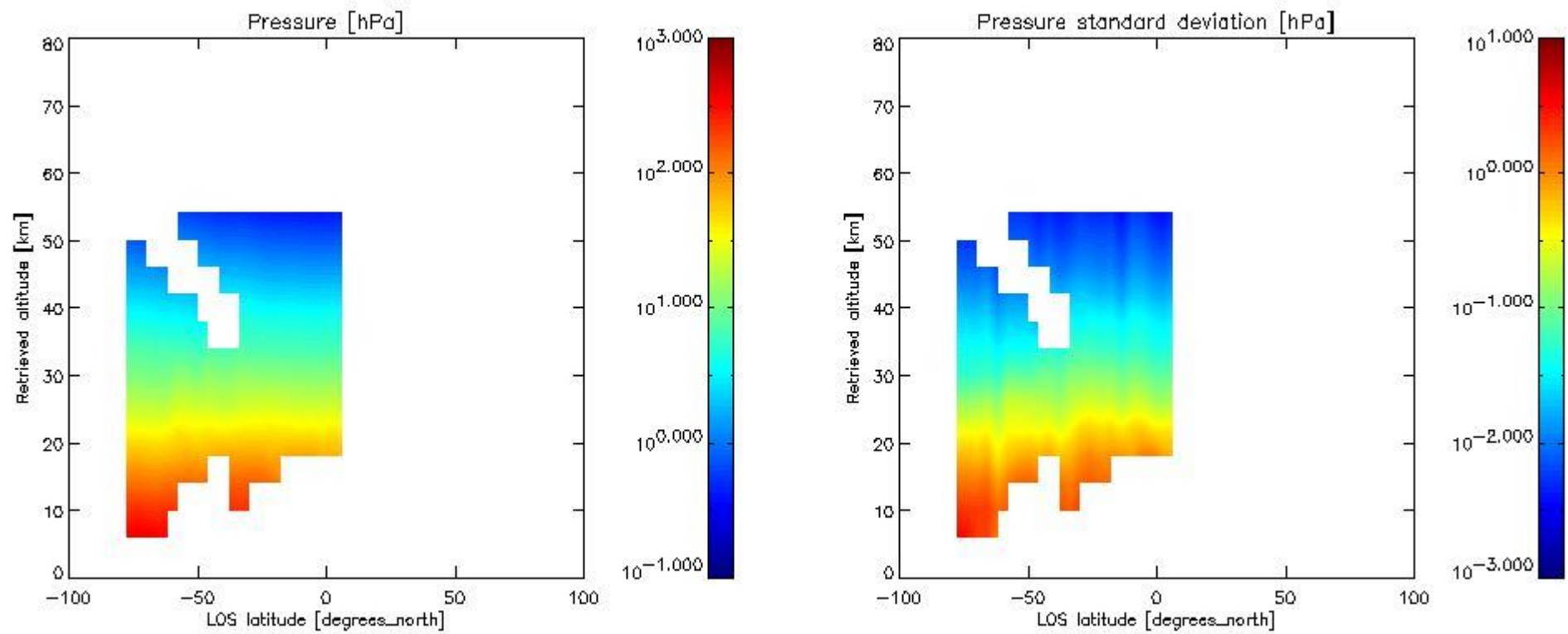
RETRIEVAL MDS	# scans processed	# Successful retrievals	%
PT	149	36	24.161
H2O	149	36	24.161
O3	149	36	24.161
HNO3	149	36	24.161
CH4	149	36	24.161

N2O	149	36	24.161
NO2	149	36	24.161
F11	149	36	24.161
CLNO	149	36	24.161
N2O5	149	36	24.161
F12	149	36	24.161
COF2	149	36	24.161
CCL4	149	36	24.161
HCN	149	36	24.161
F14	149	36	24.161
F22	149	36	24.161



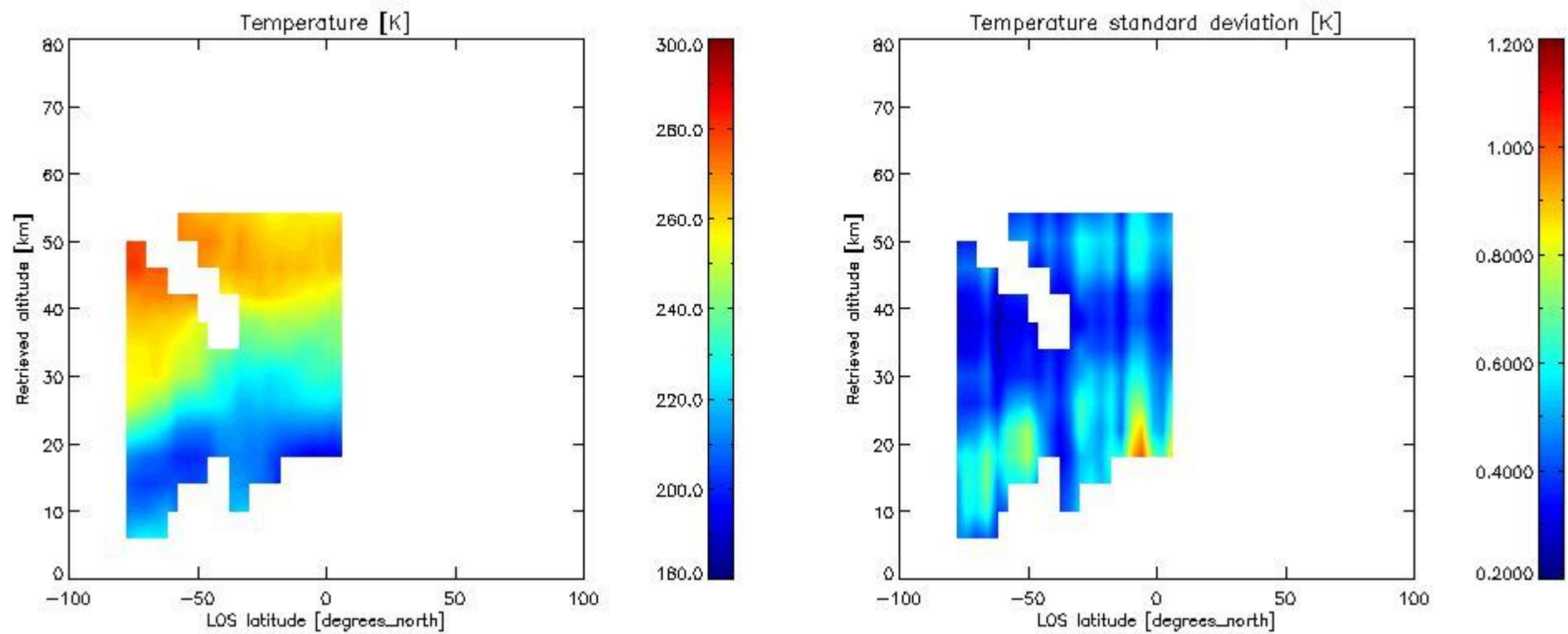
2.2.2 Pressure overview

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



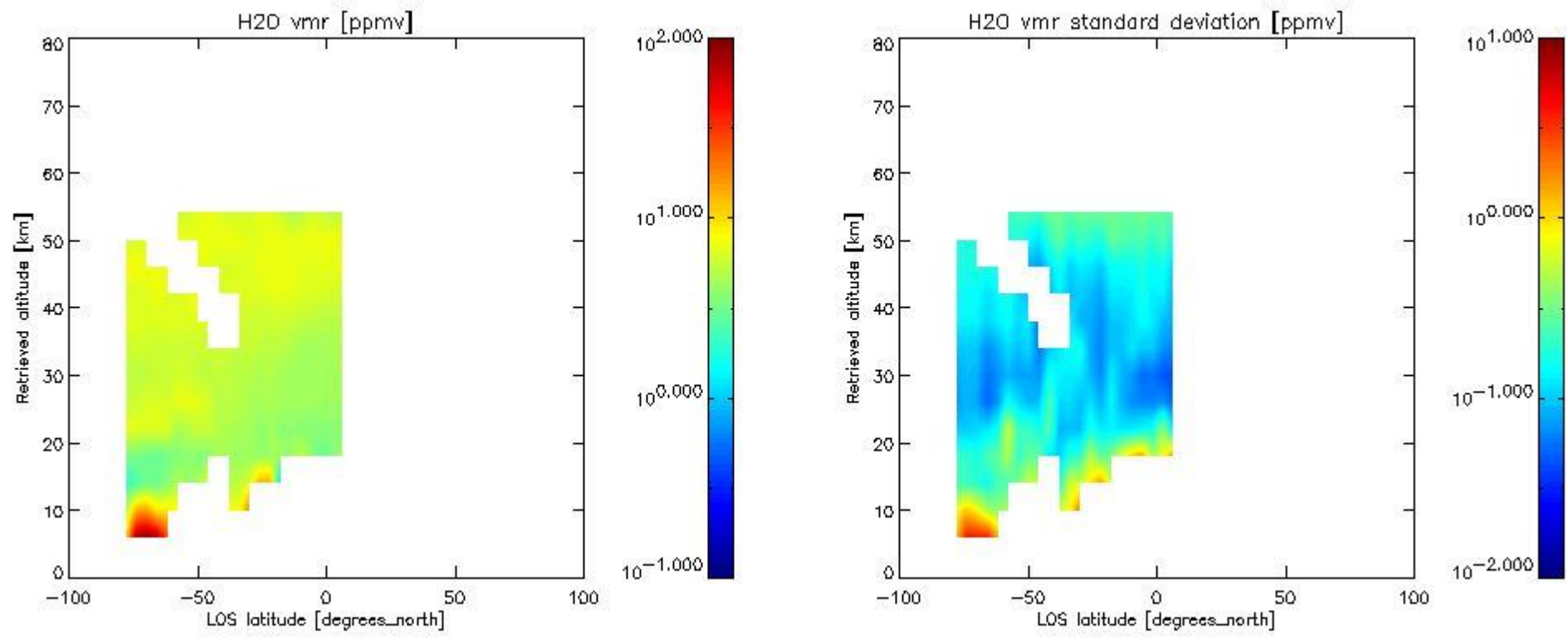
2.2.3 Temperature overview

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

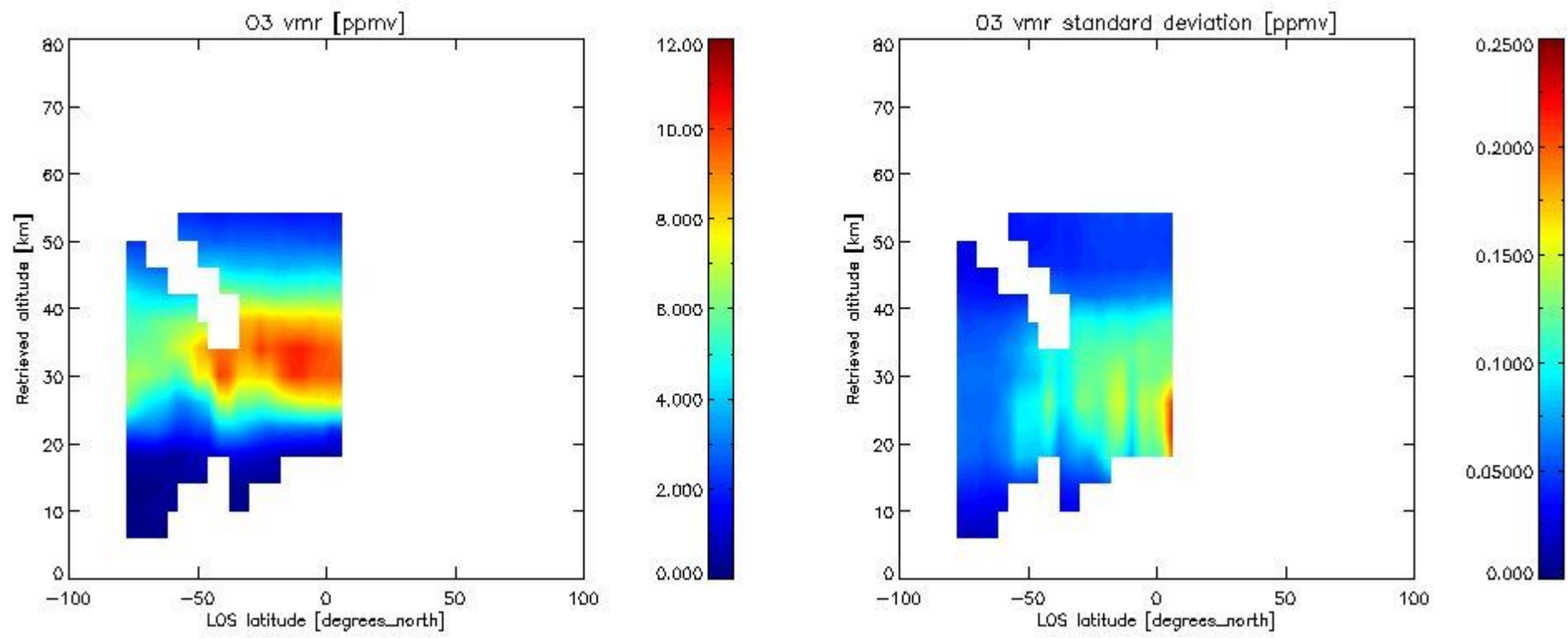


2.2.4 Species overview

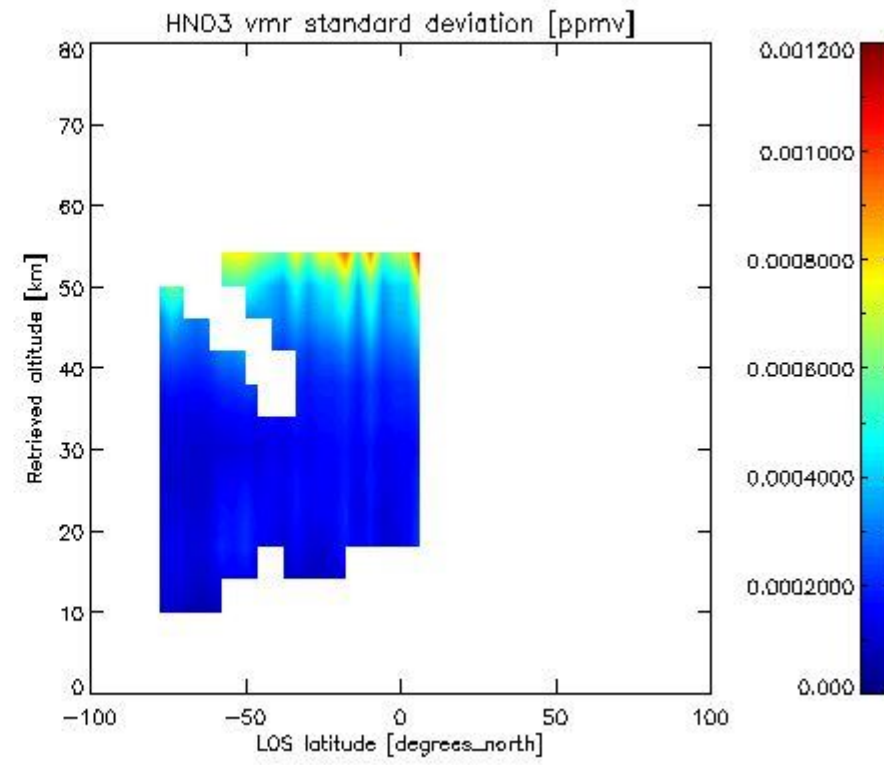
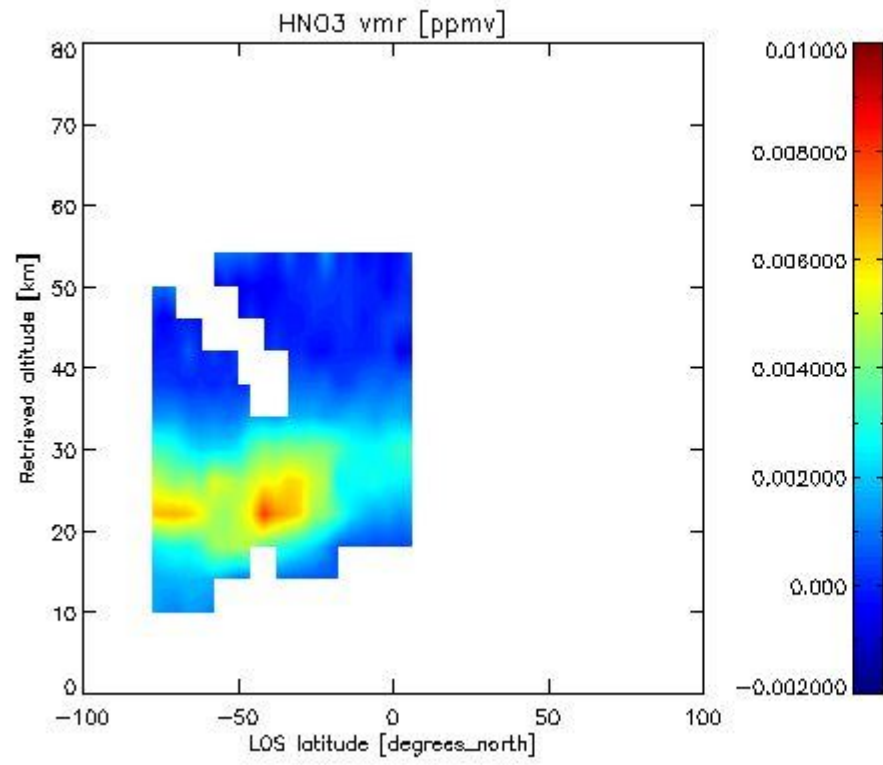
2.2.4.1 H₂O overview This section shows values (left) and error (right) for H₂O after binning individual sweep values over retrieved altitude and tangent latitude.



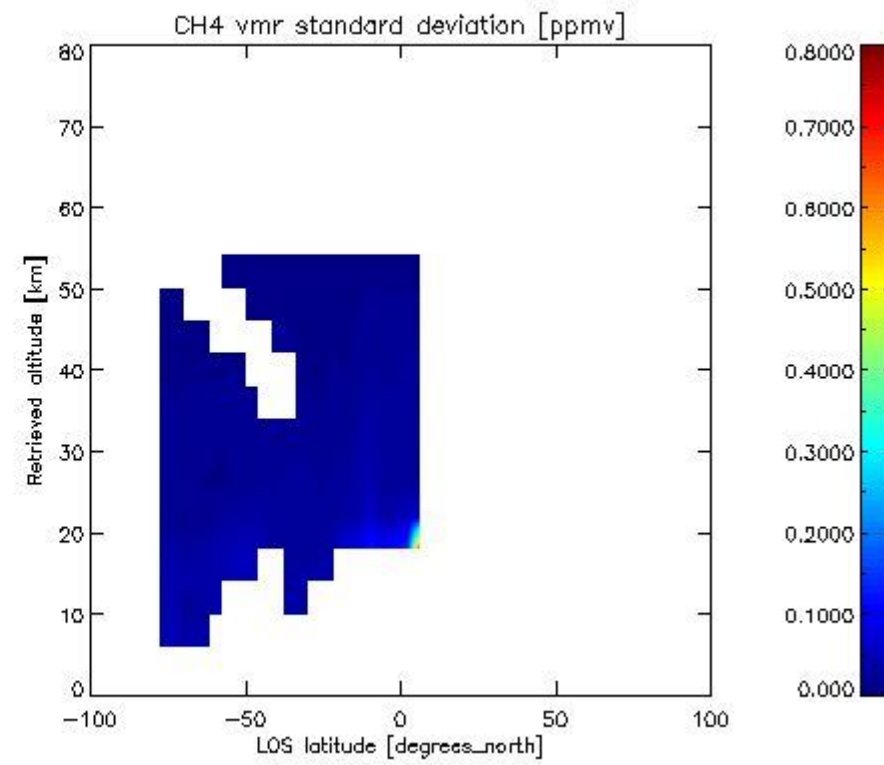
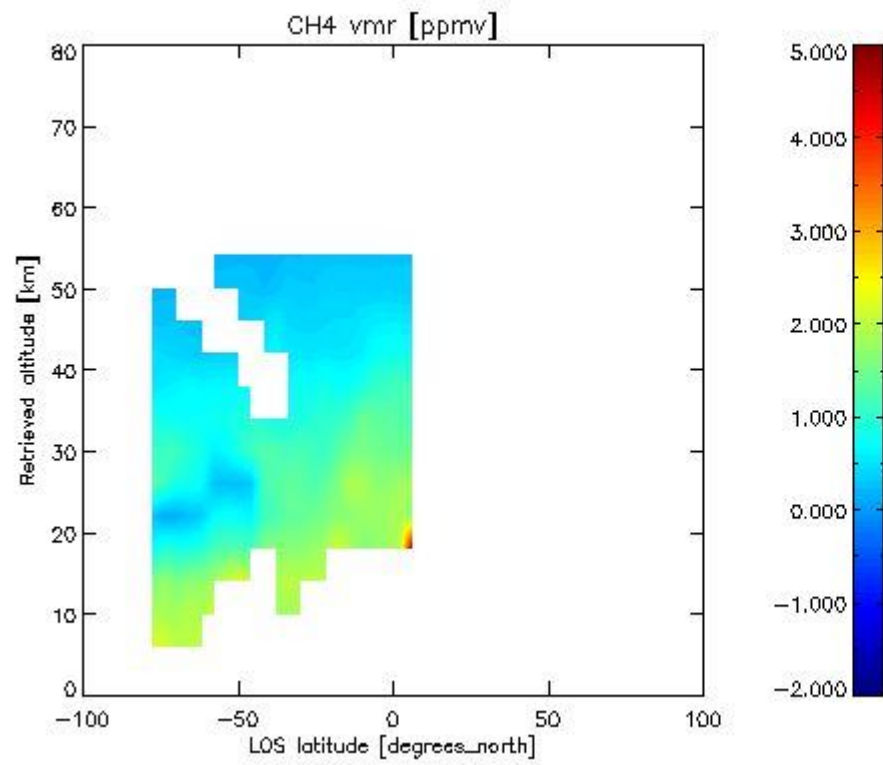
2.2.4.2 O3 overview This section shows values (left) and error (right) for O3 after binning individual sweep values over retrieved altitude and tangent latitude.



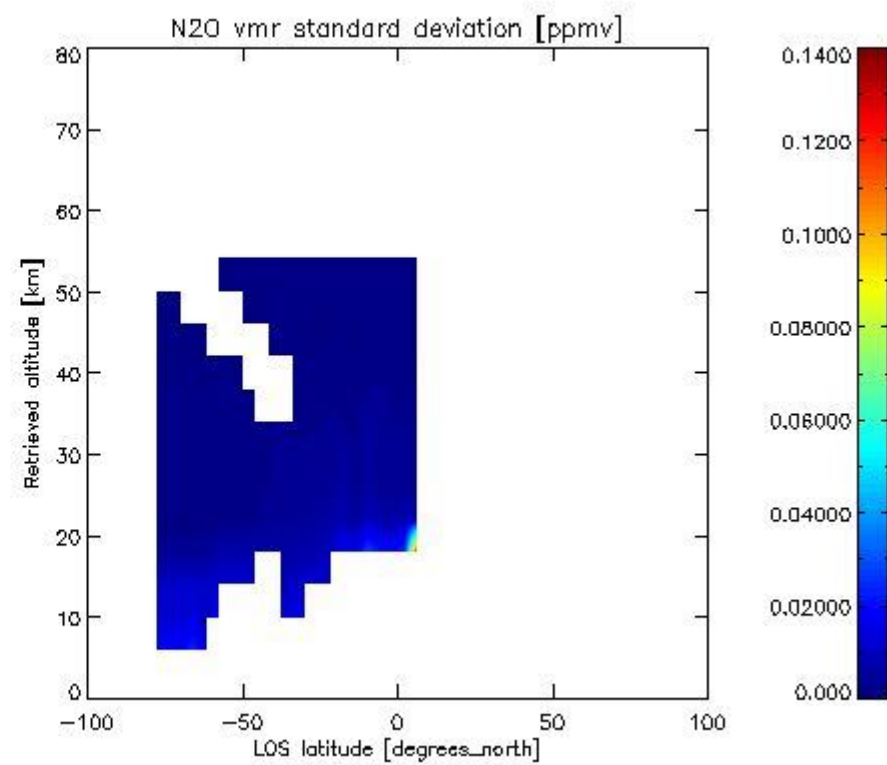
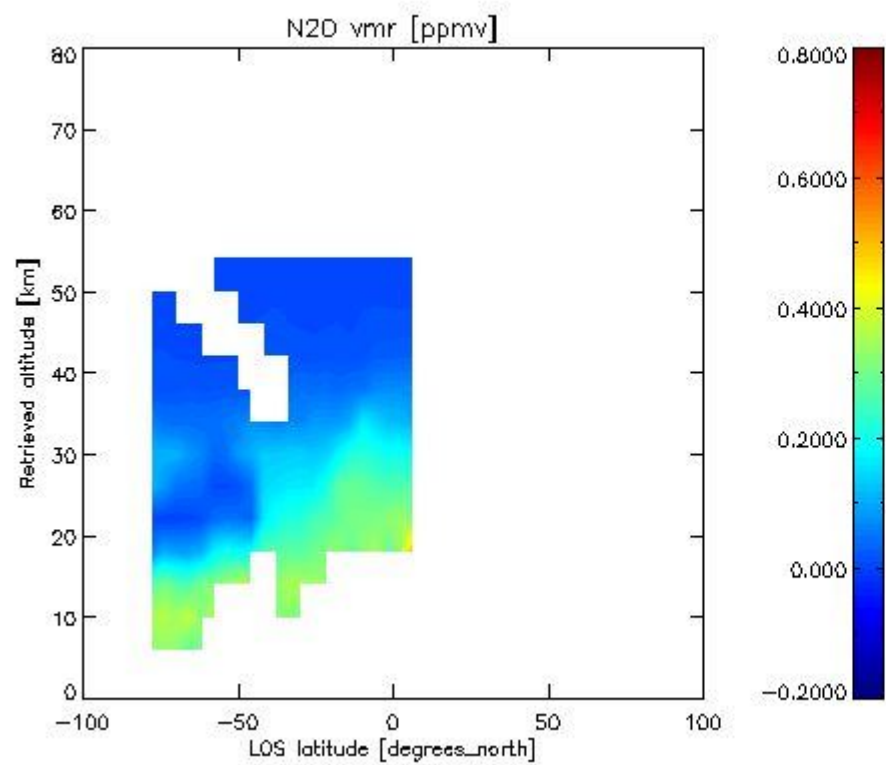
2.2.4.3 HNO3 overview This section shows values (left) and error (right) for HNO3 after binning individual sweep values over retrieved altitude and tangent latitude.



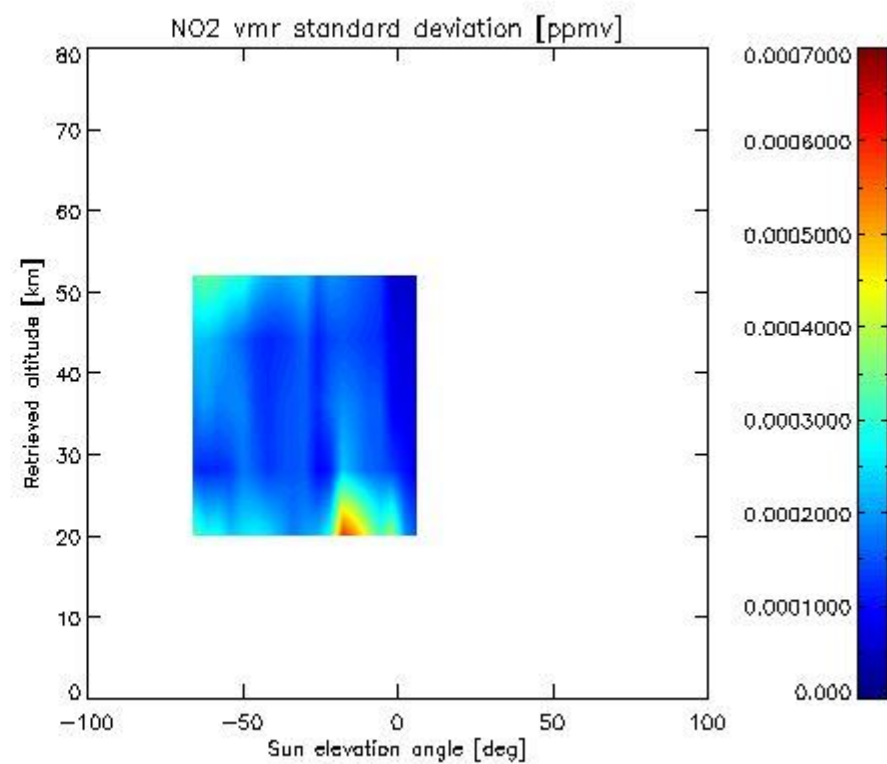
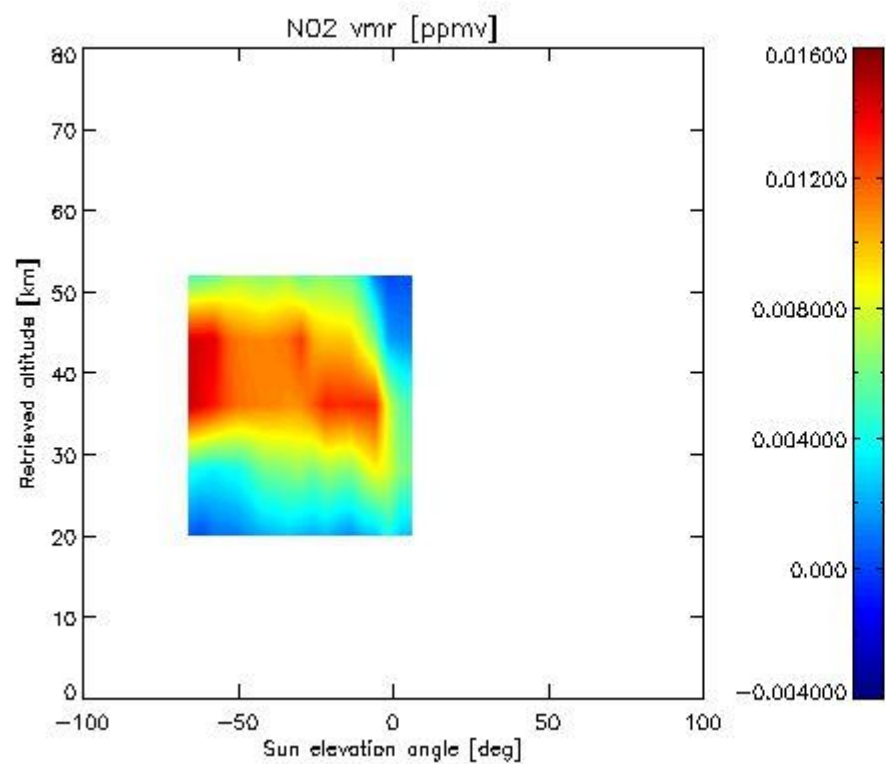
2.2.4.4 CH₄ overview This section shows values (left) and error (right) for CH₄ after binning individual sweep values over retrieved altitude and tangent latitude.



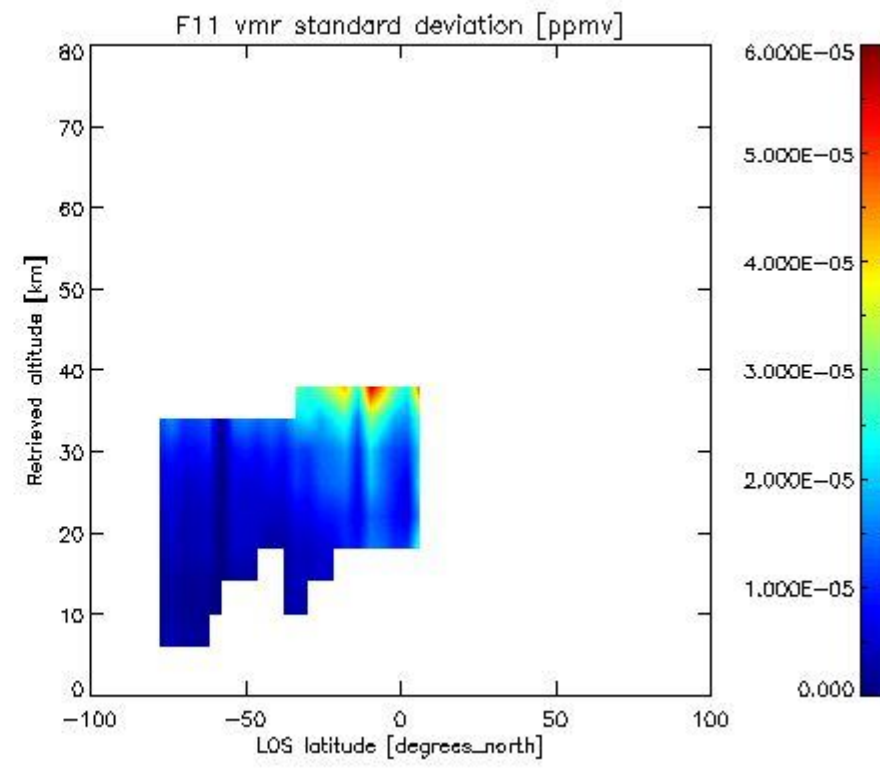
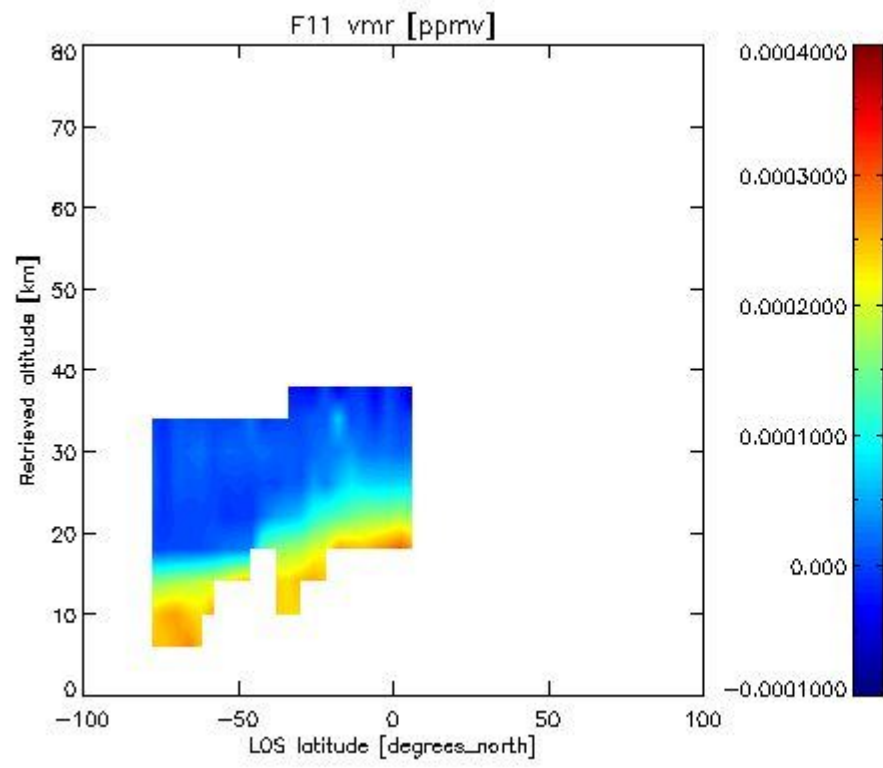
2.2.4.5 N₂O overview This section shows values (left) and error (right) for N₂O after binning individual sweep values over retrieved altitude and tangent latitude.



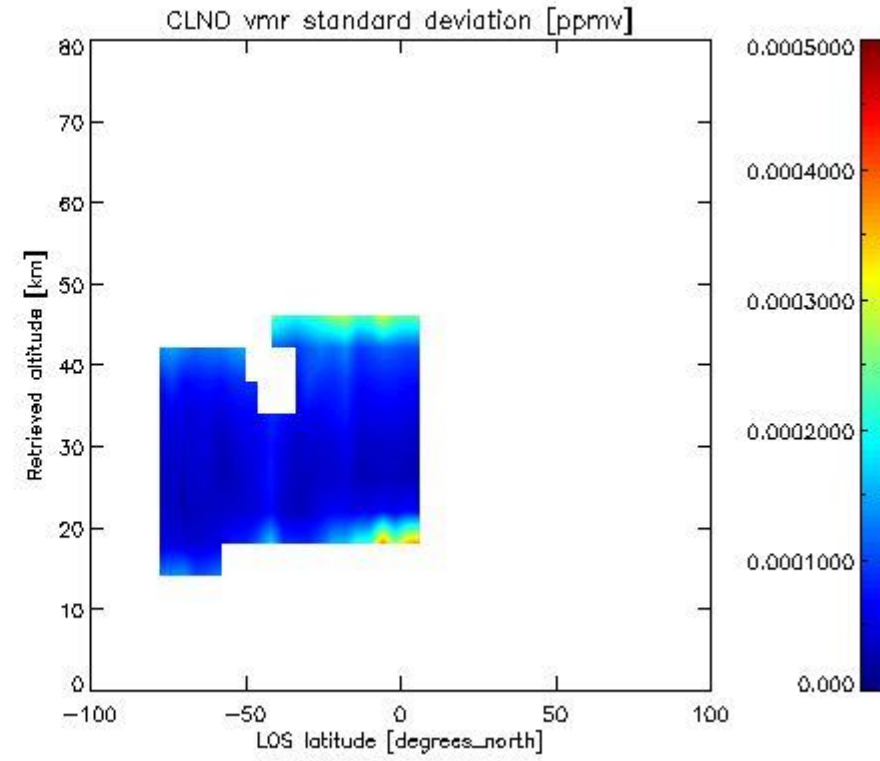
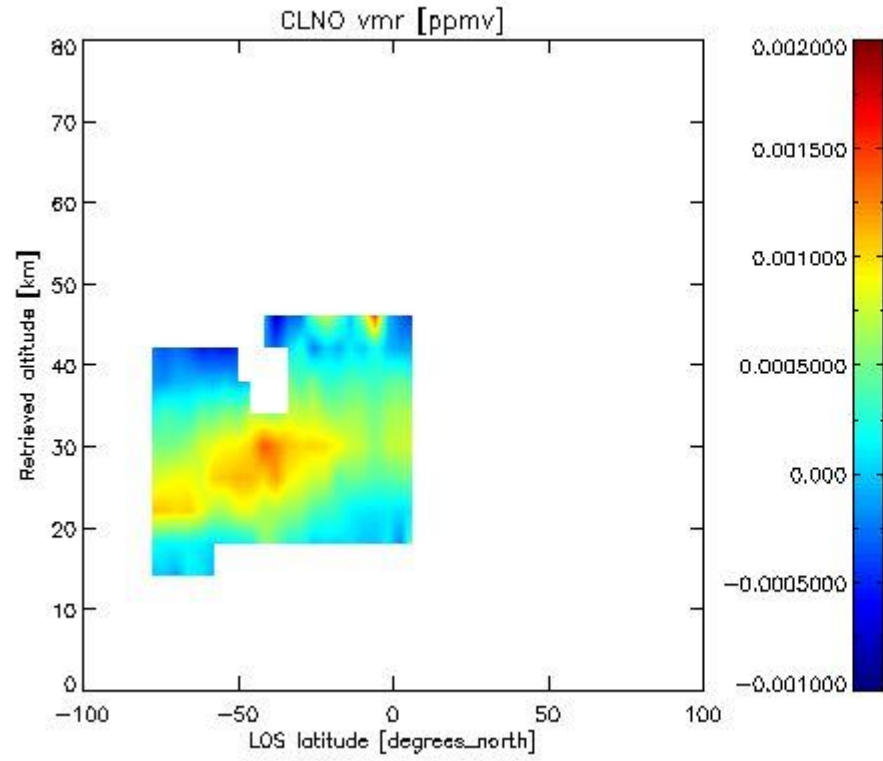
2.2.4.6 NO₂ overview This section shows values (left) and error (right) for NO₂ after binning individual sweep values over retrieved altitude and Sun Elevation Angle. Note that for NO₂ the bin heights are 6 km.

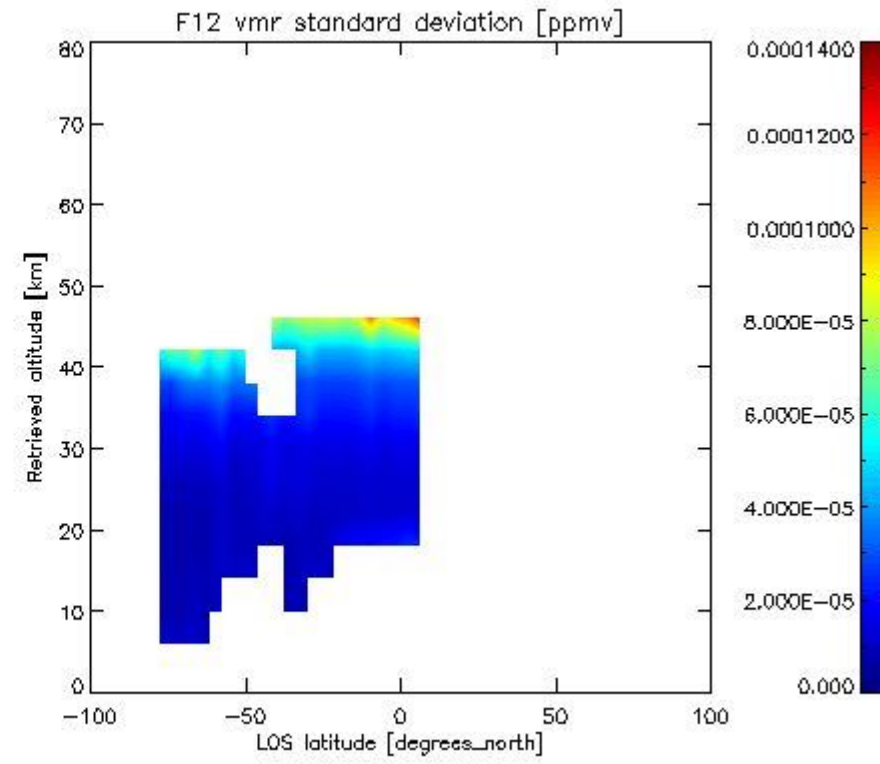
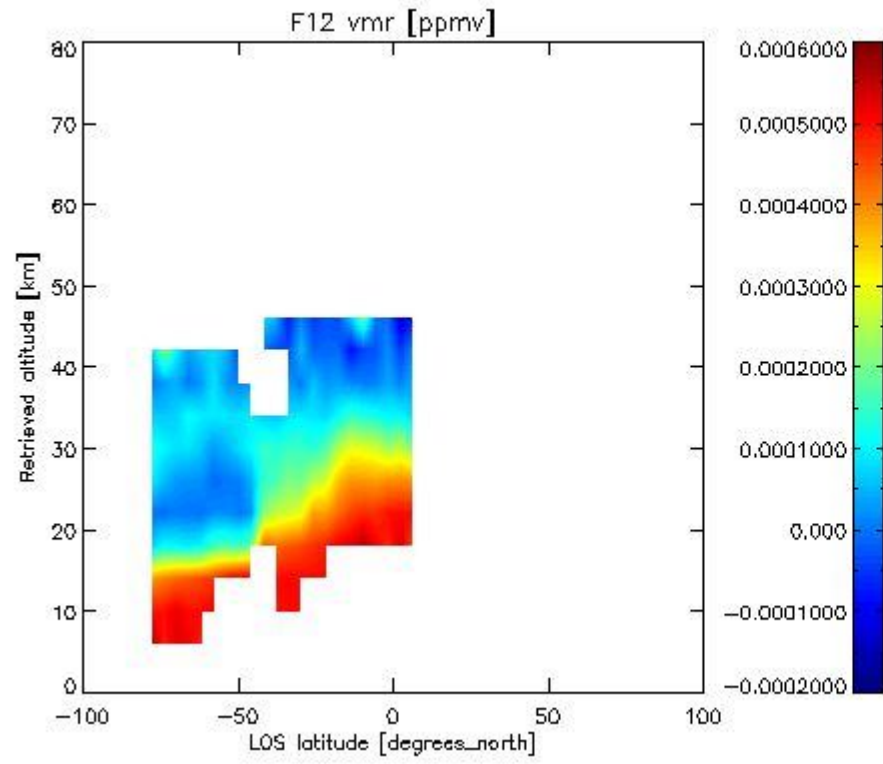
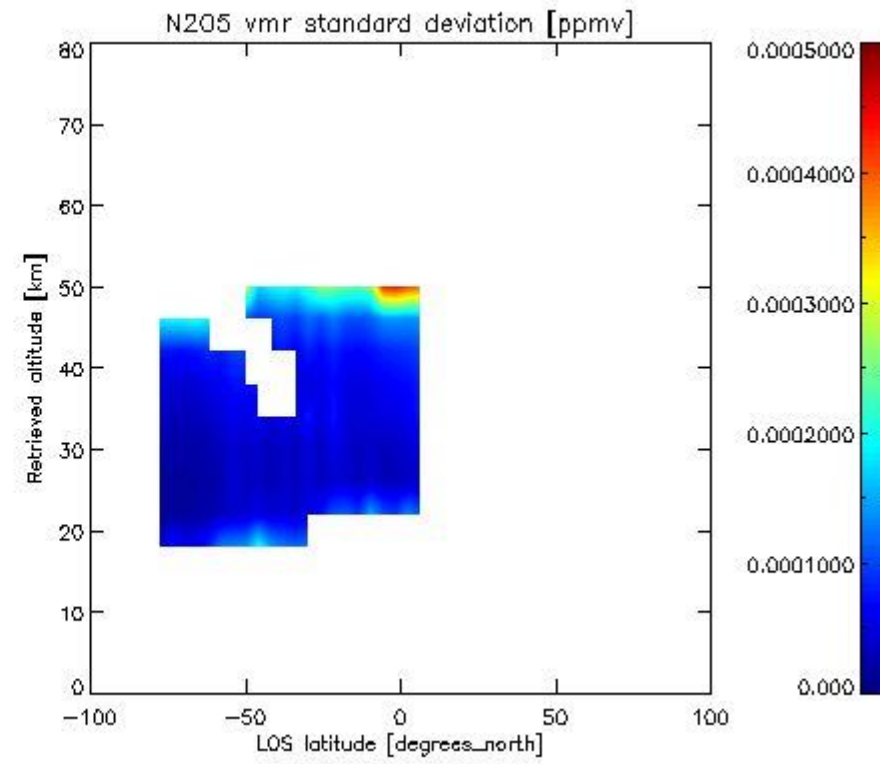
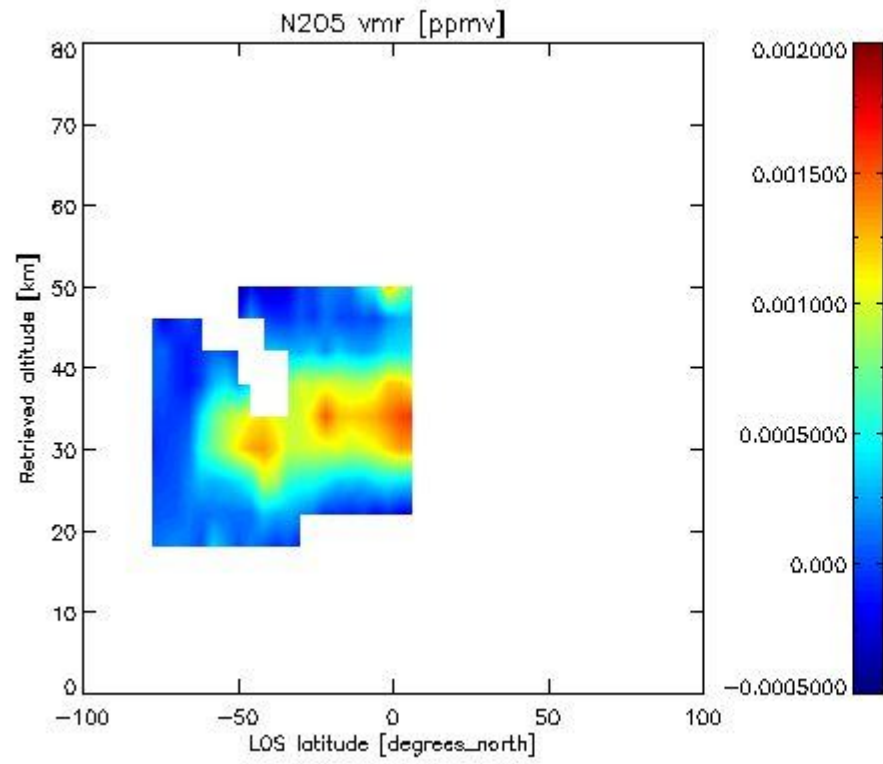


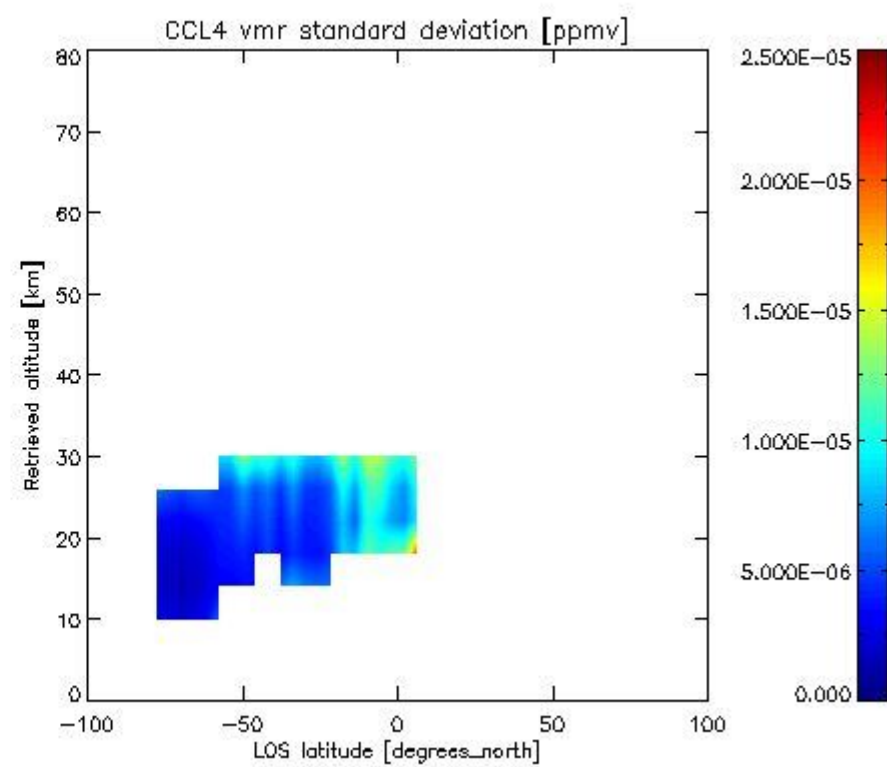
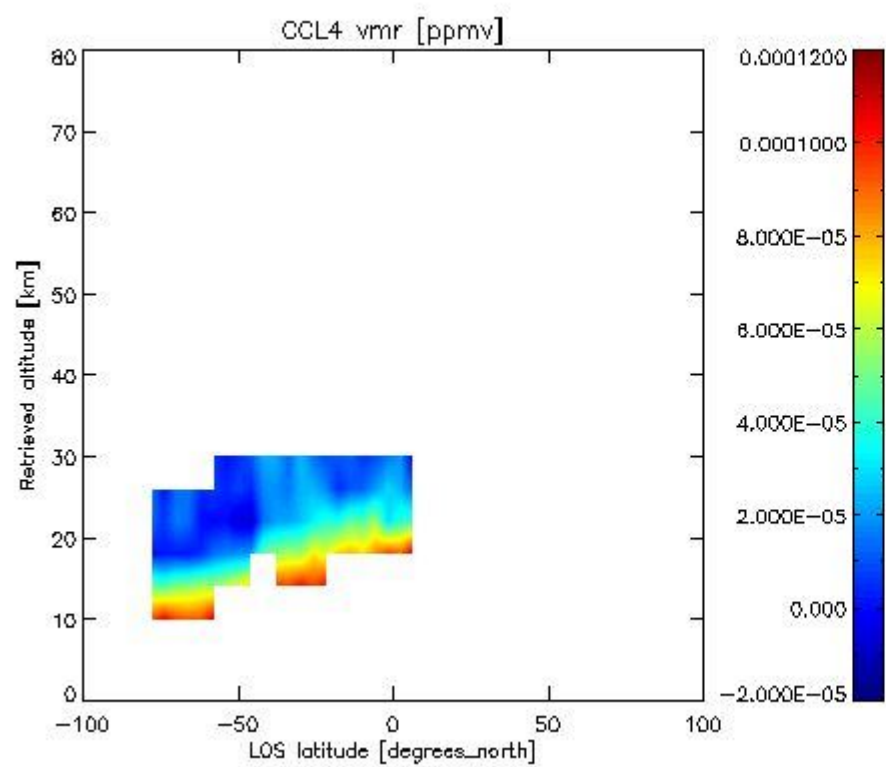
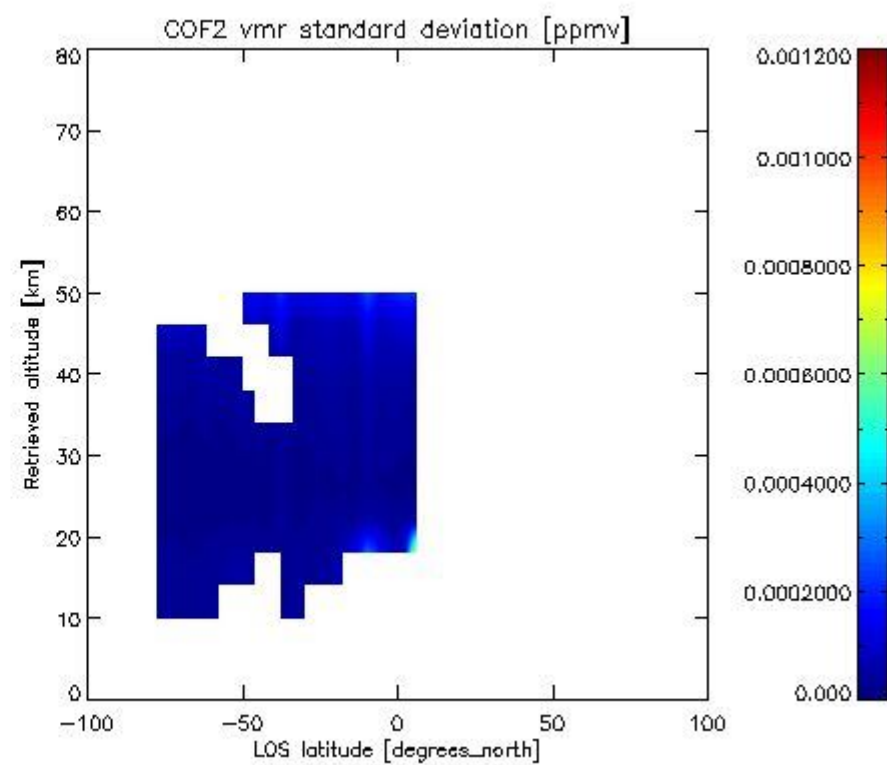
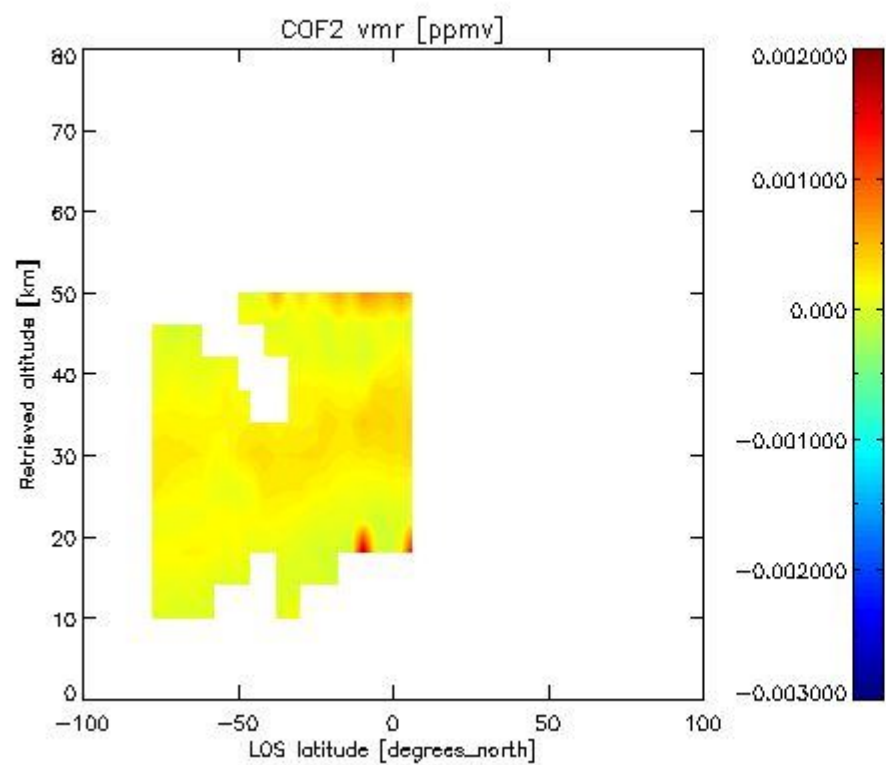
2.2.4.7 F11 overview This section shows values (left) and error (right) for F11 after binning individual sweep values over retrieved altitude and tangent latitude.

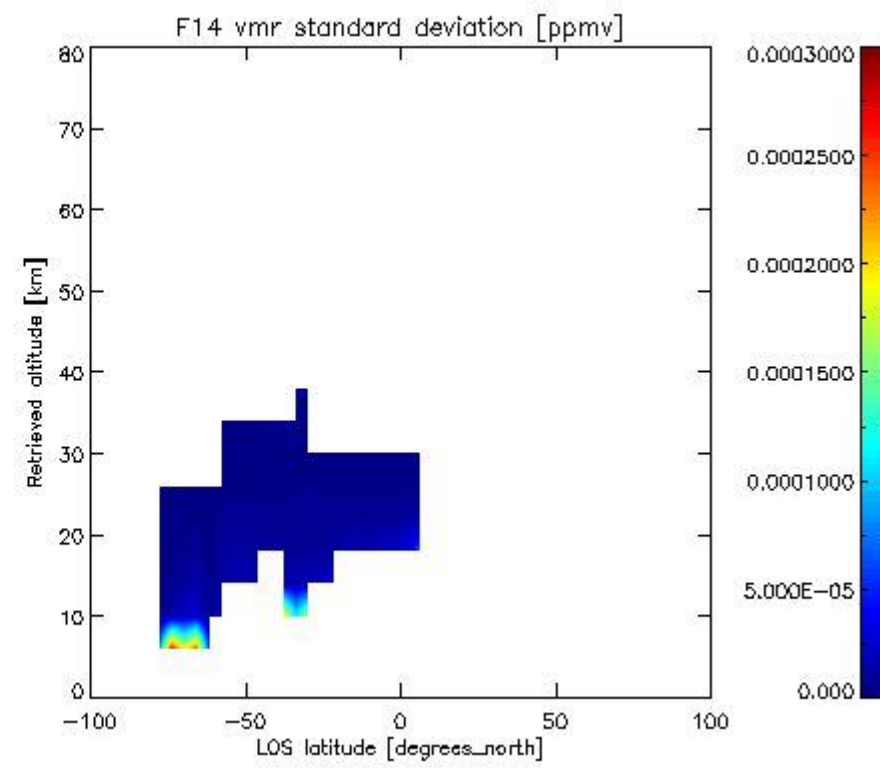
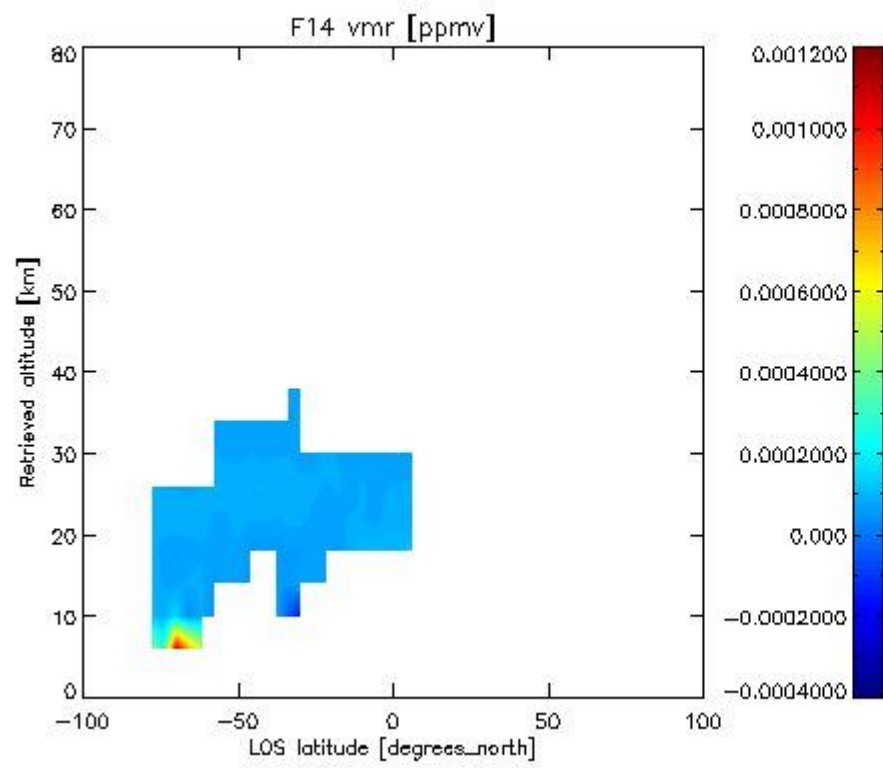
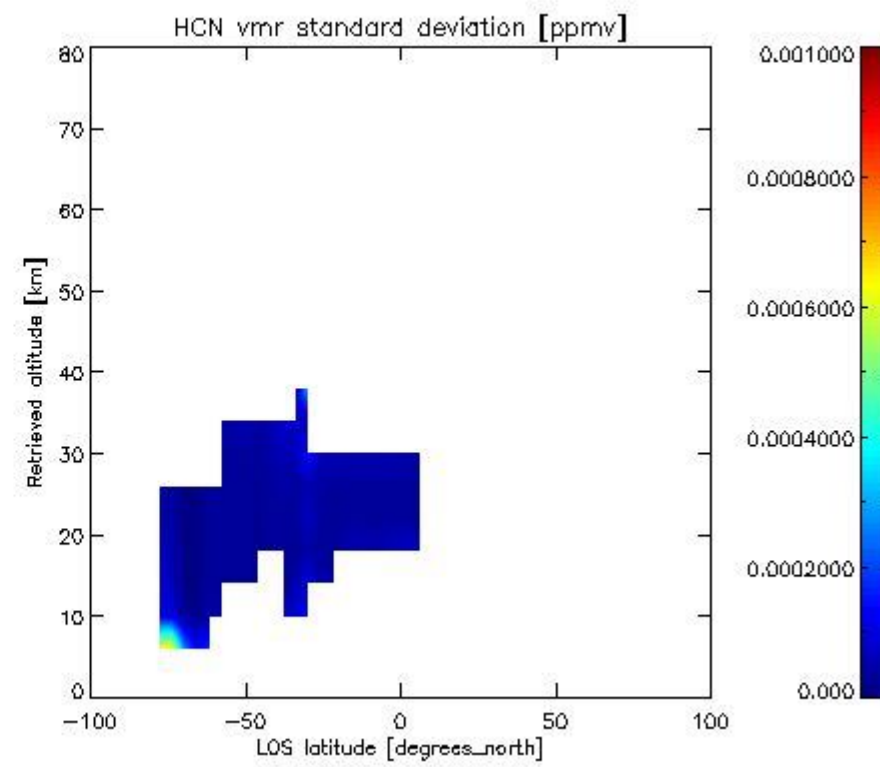
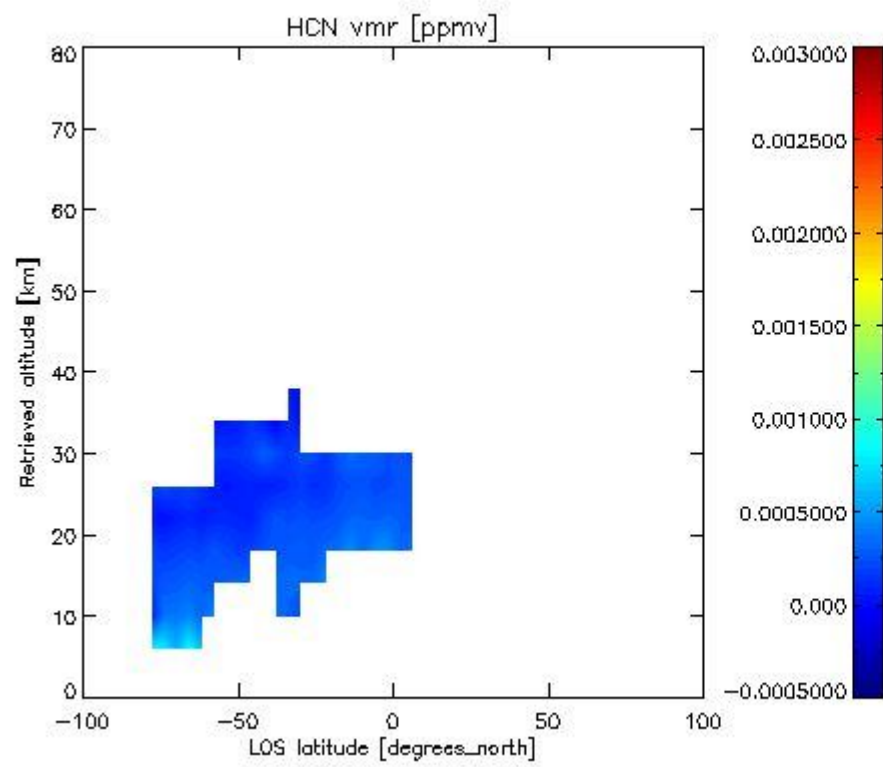


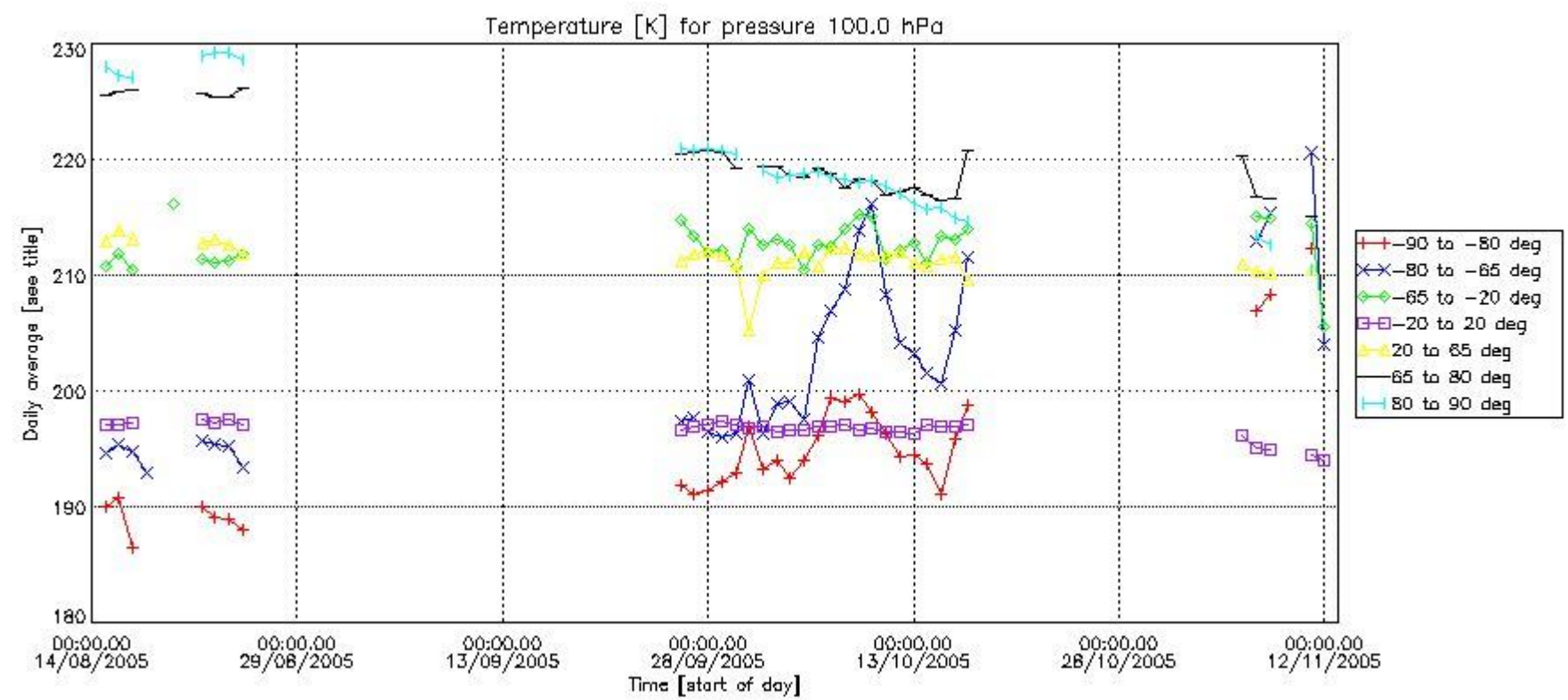
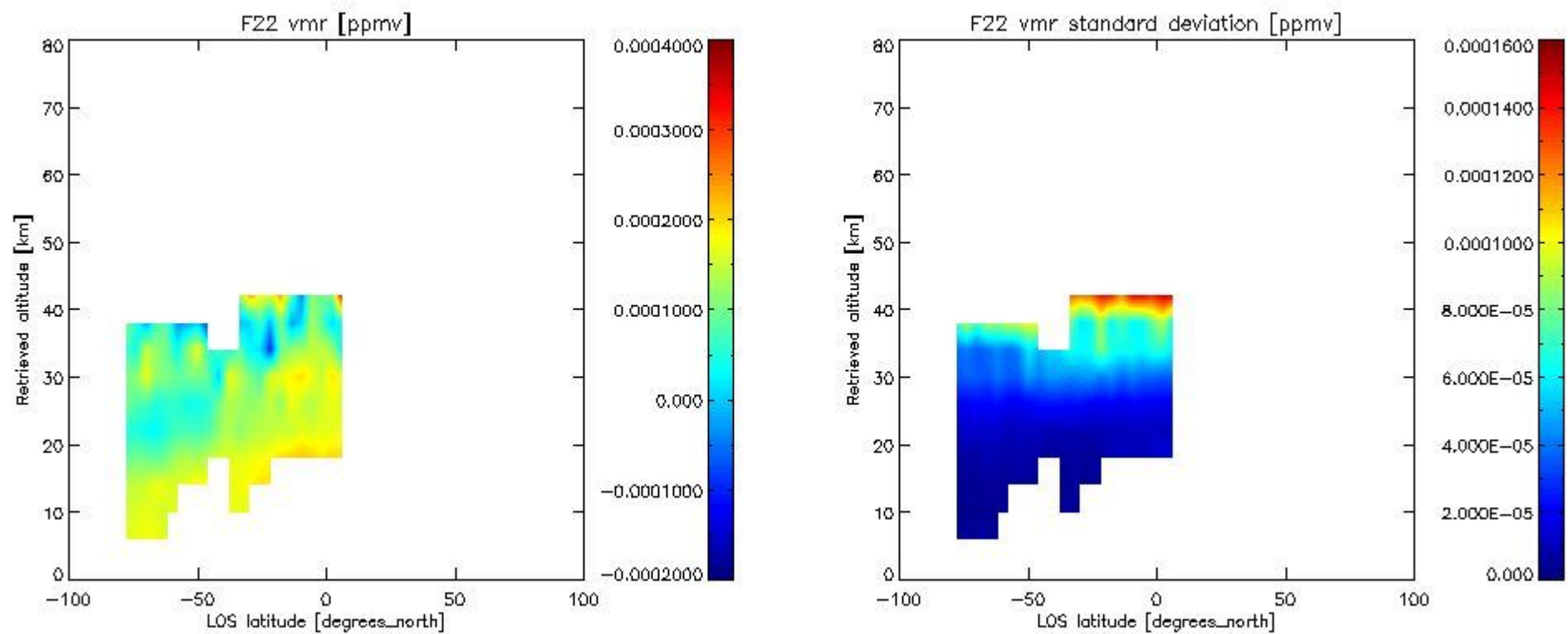
2.2.4.4 CLNO overview: This section shows values (left) and error (right) for CLNO after binning individual sweep values over retrieved altitude and target latitude.

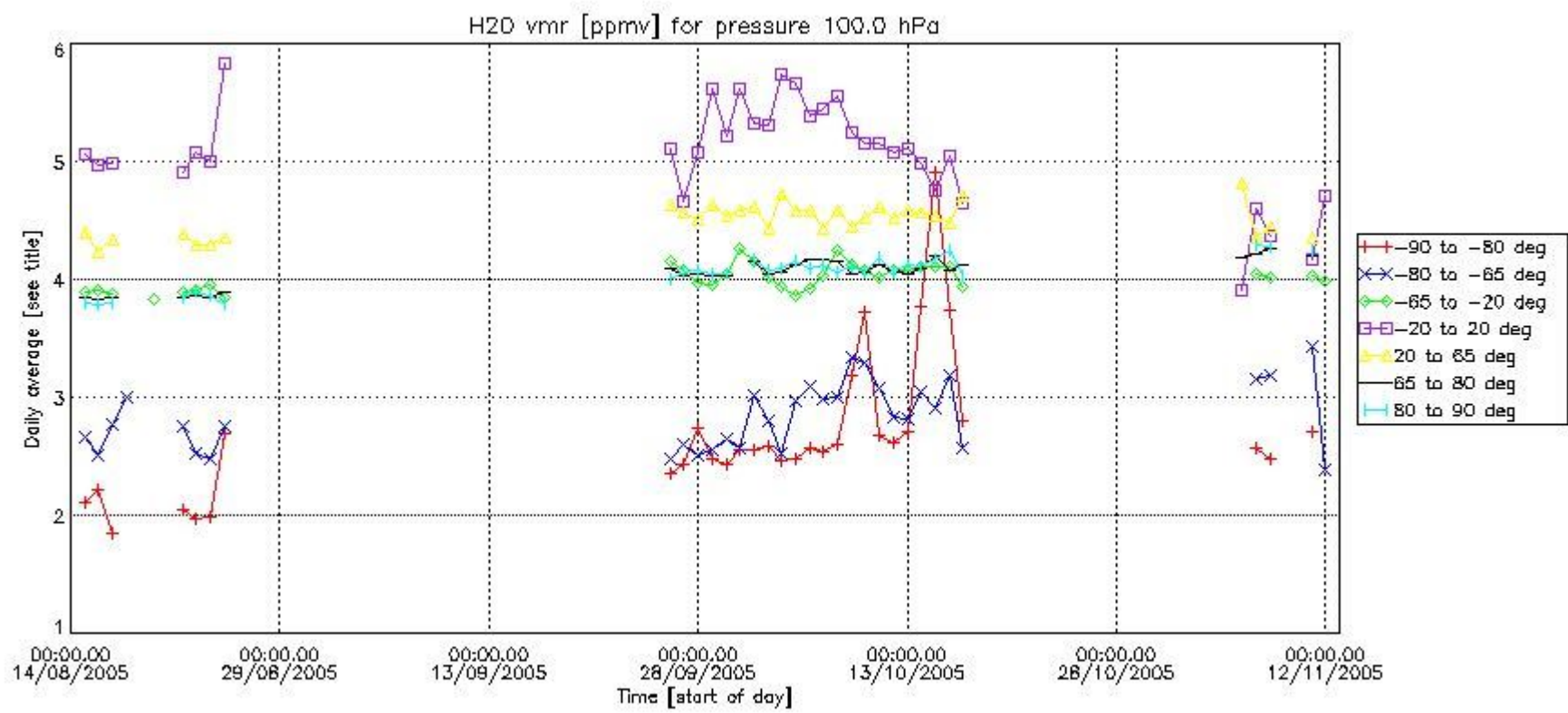
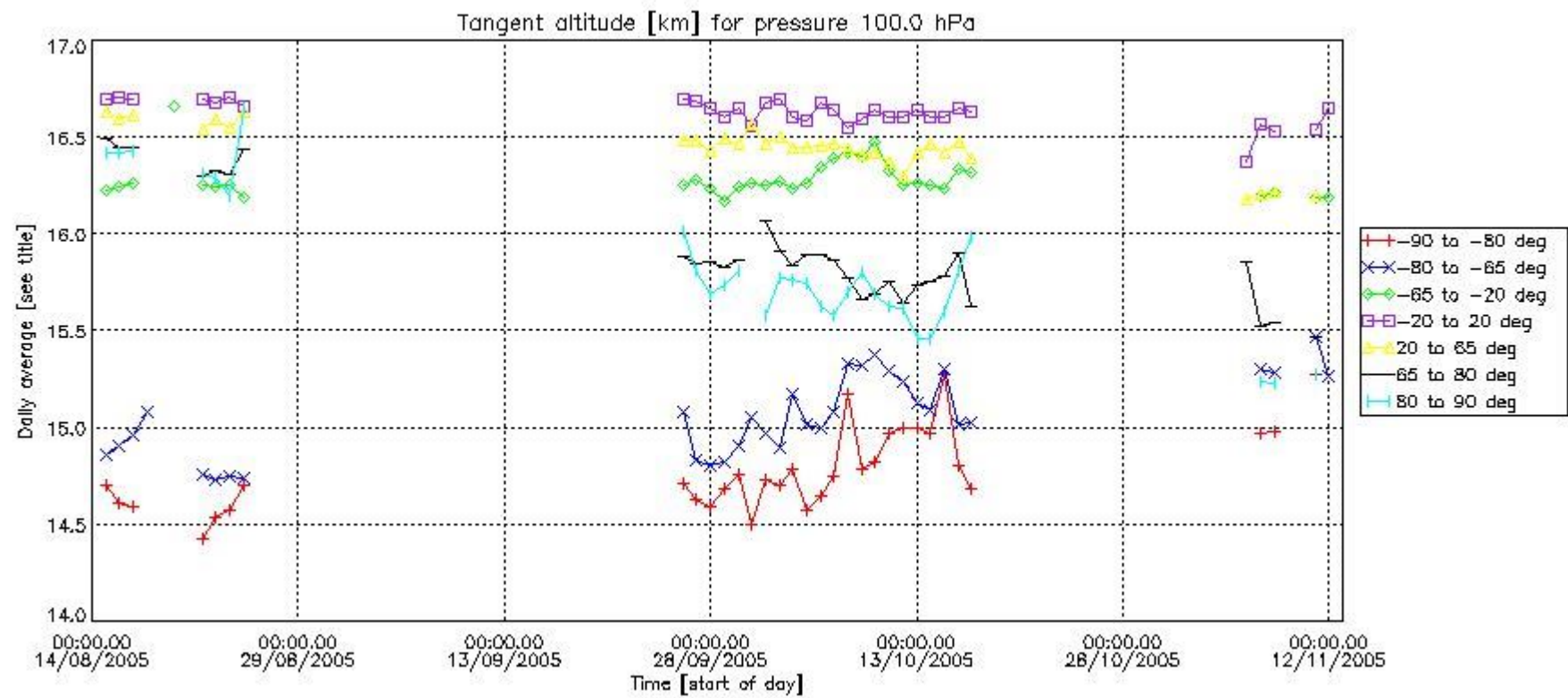


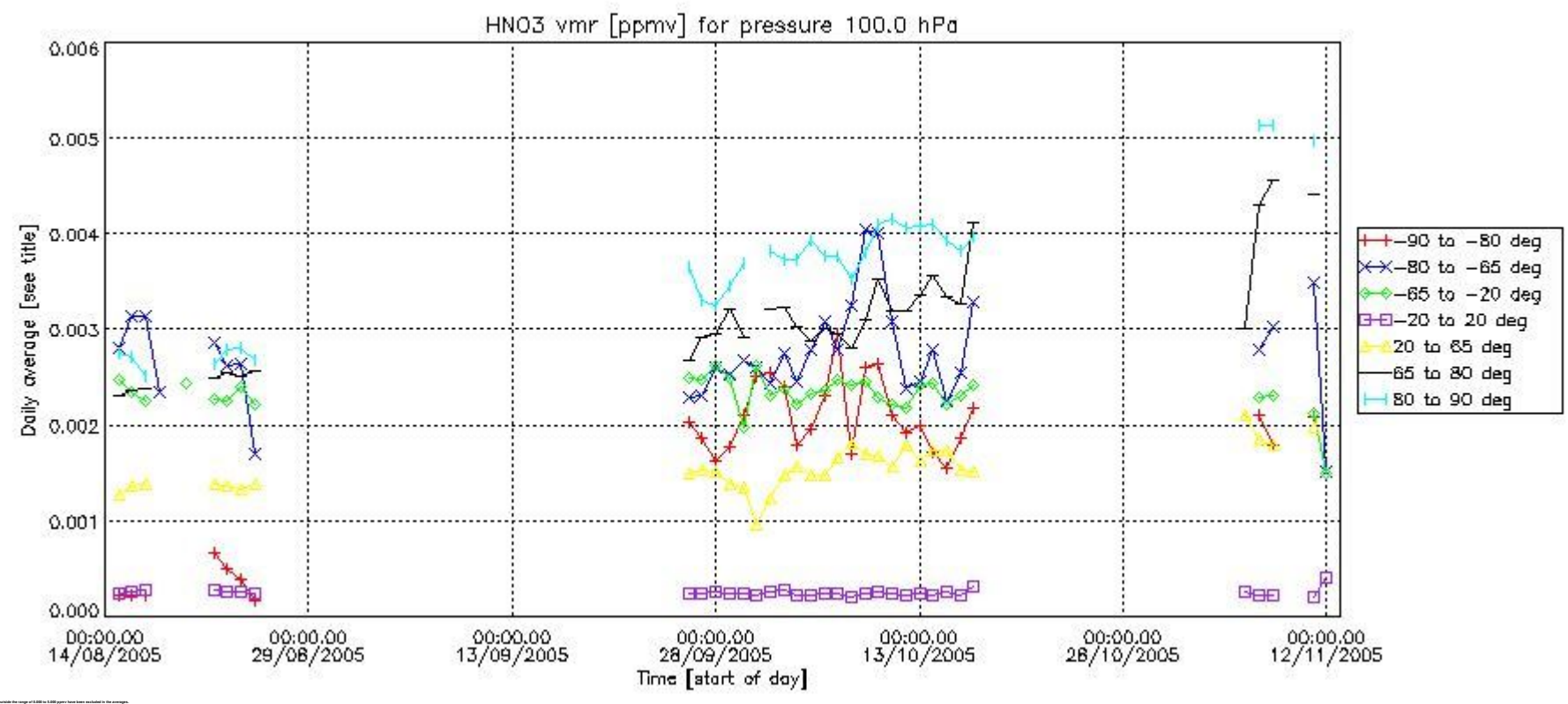
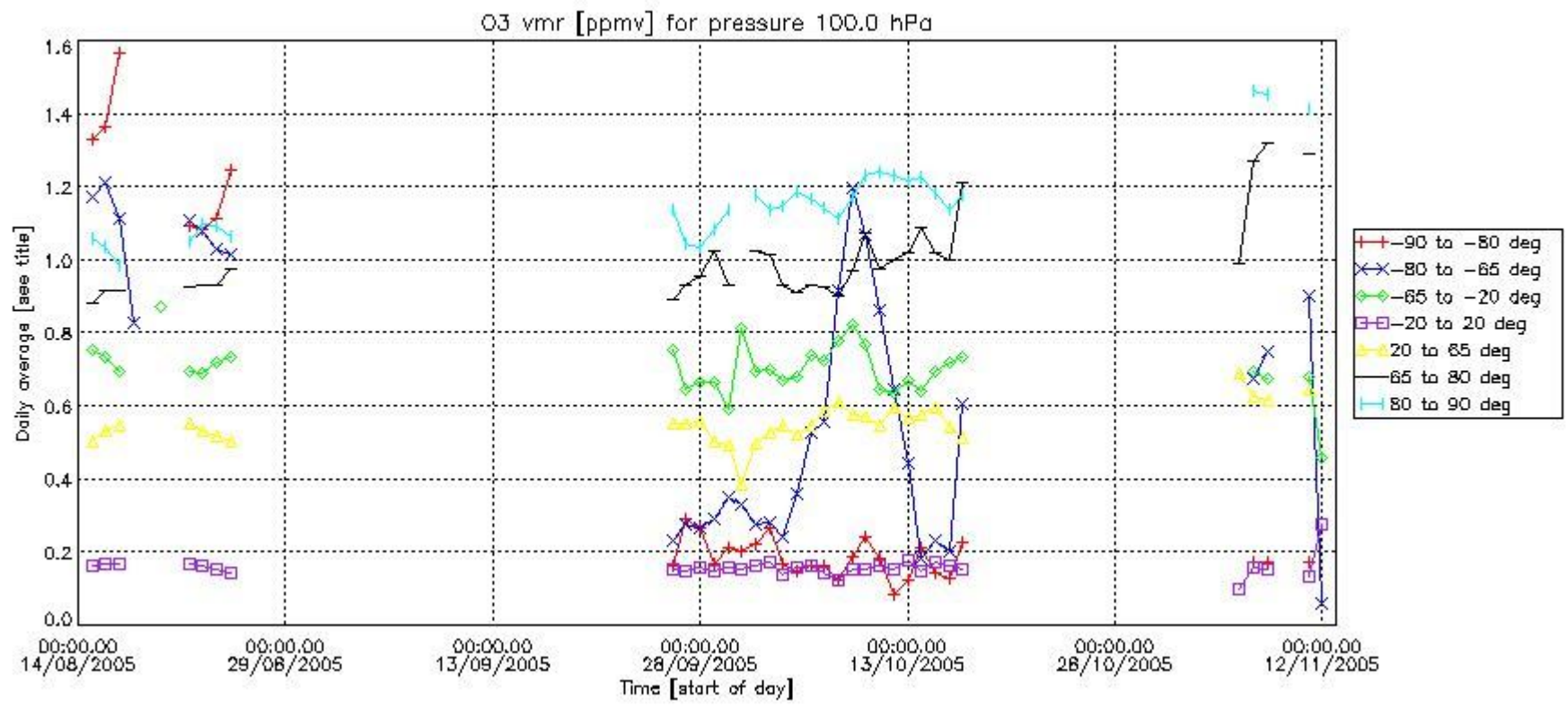


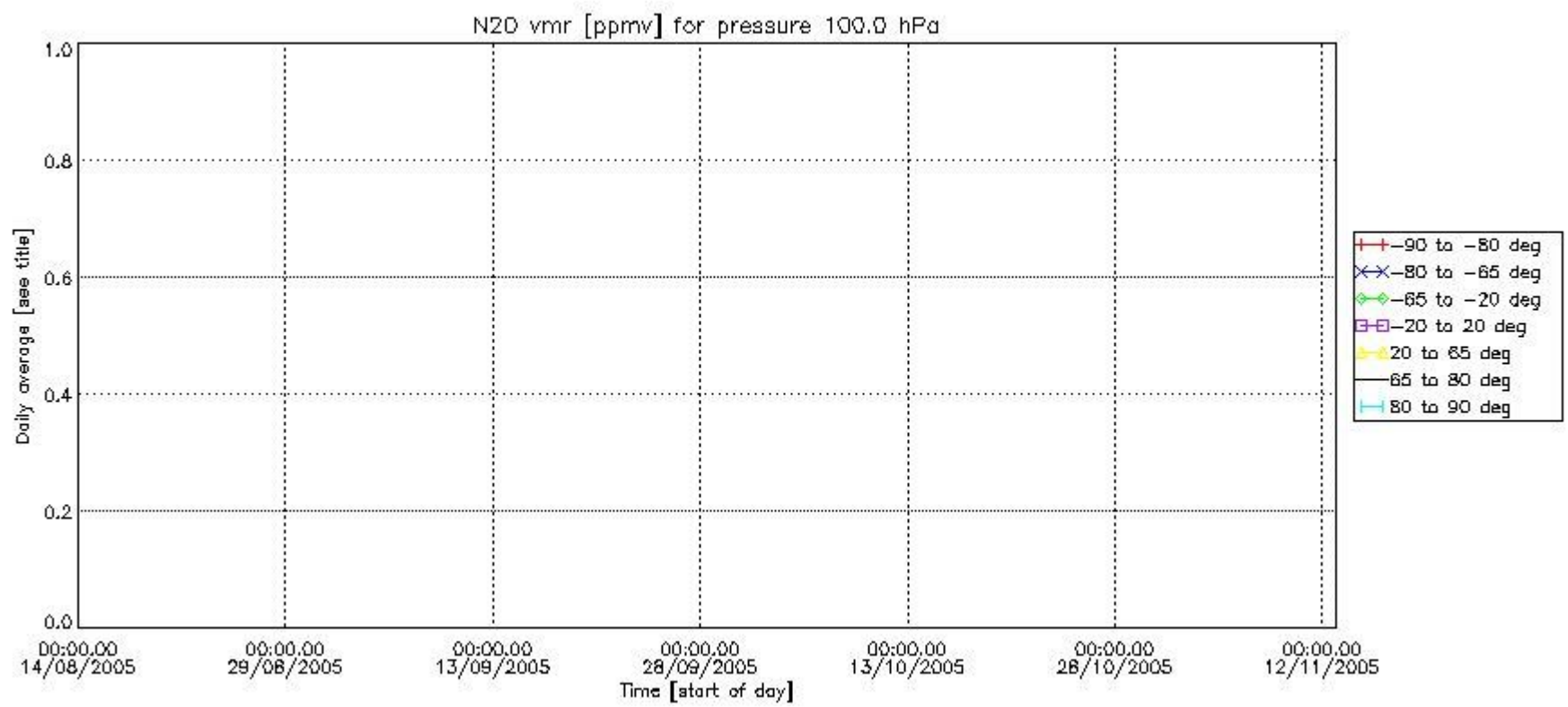
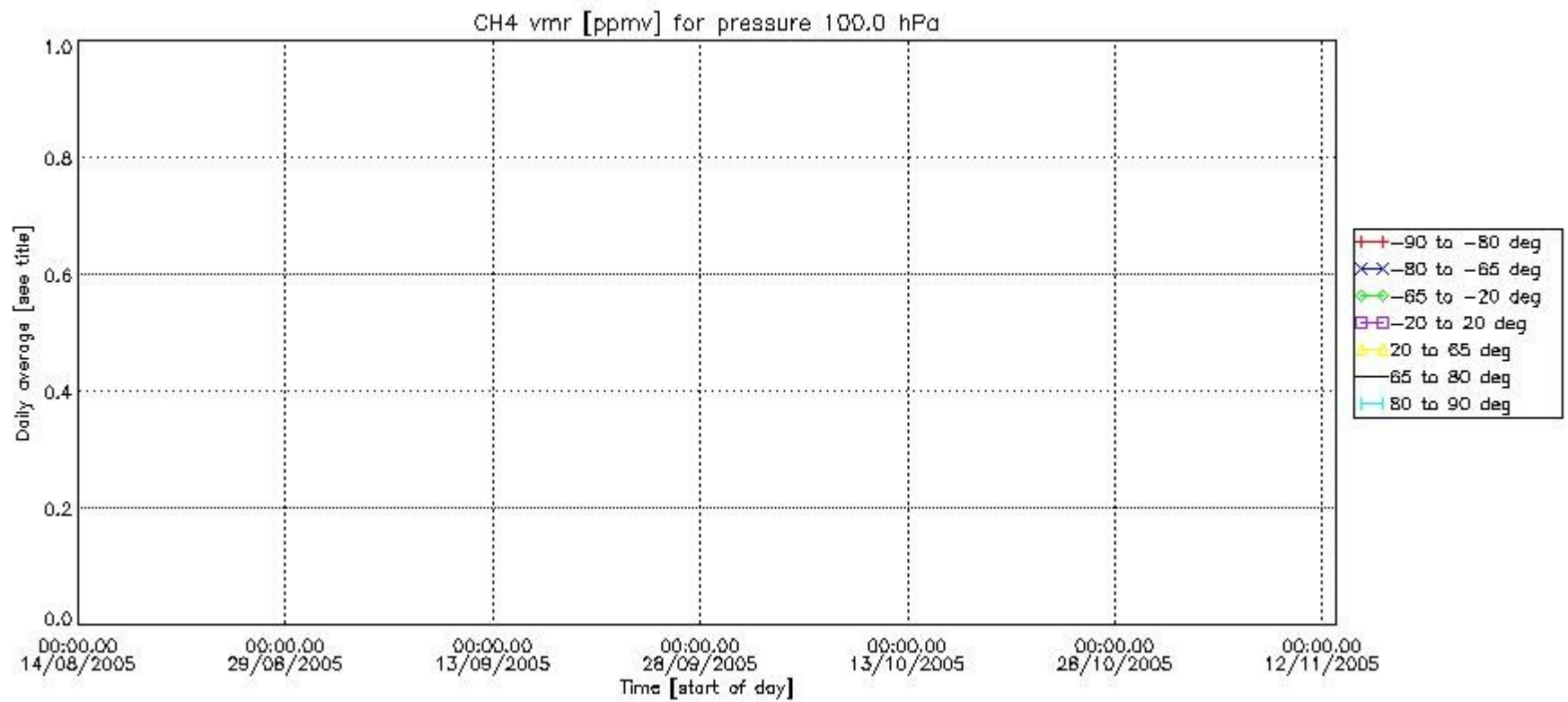


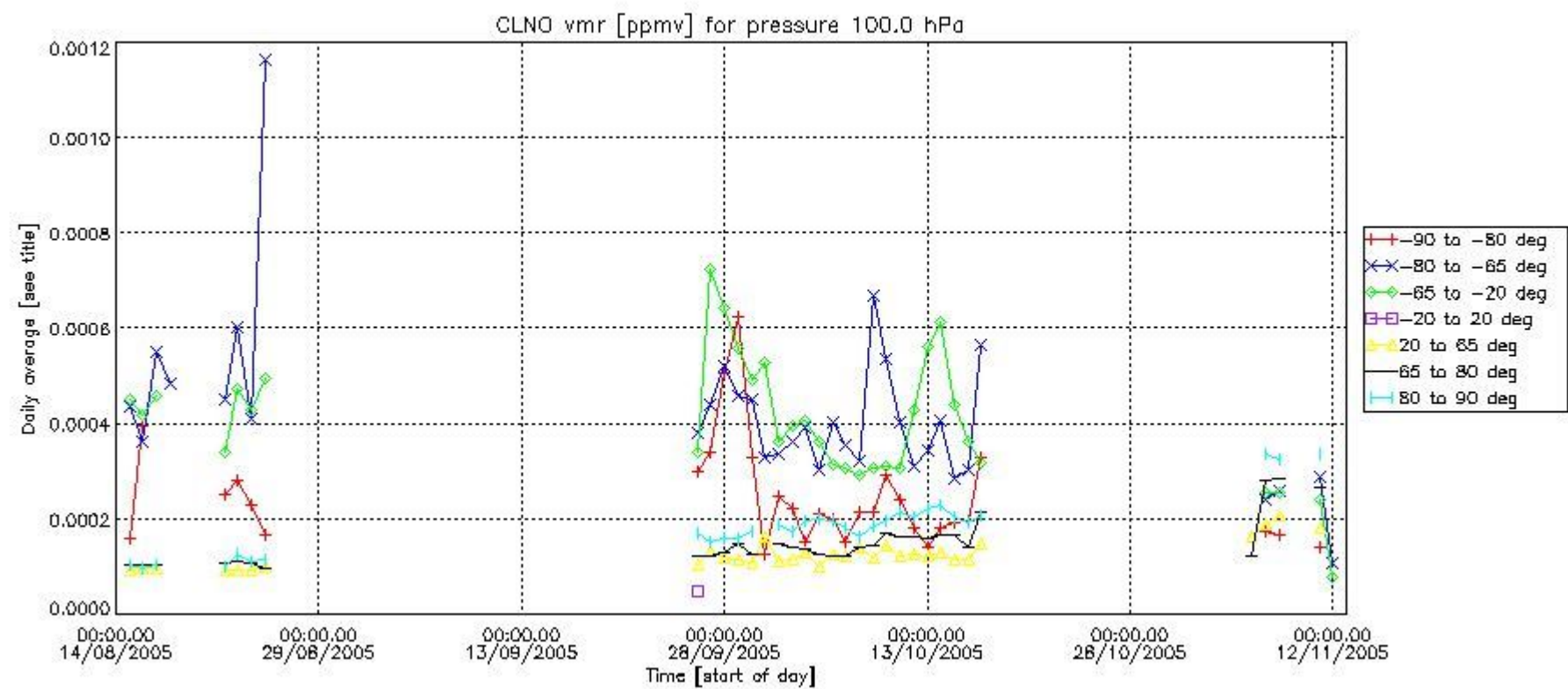
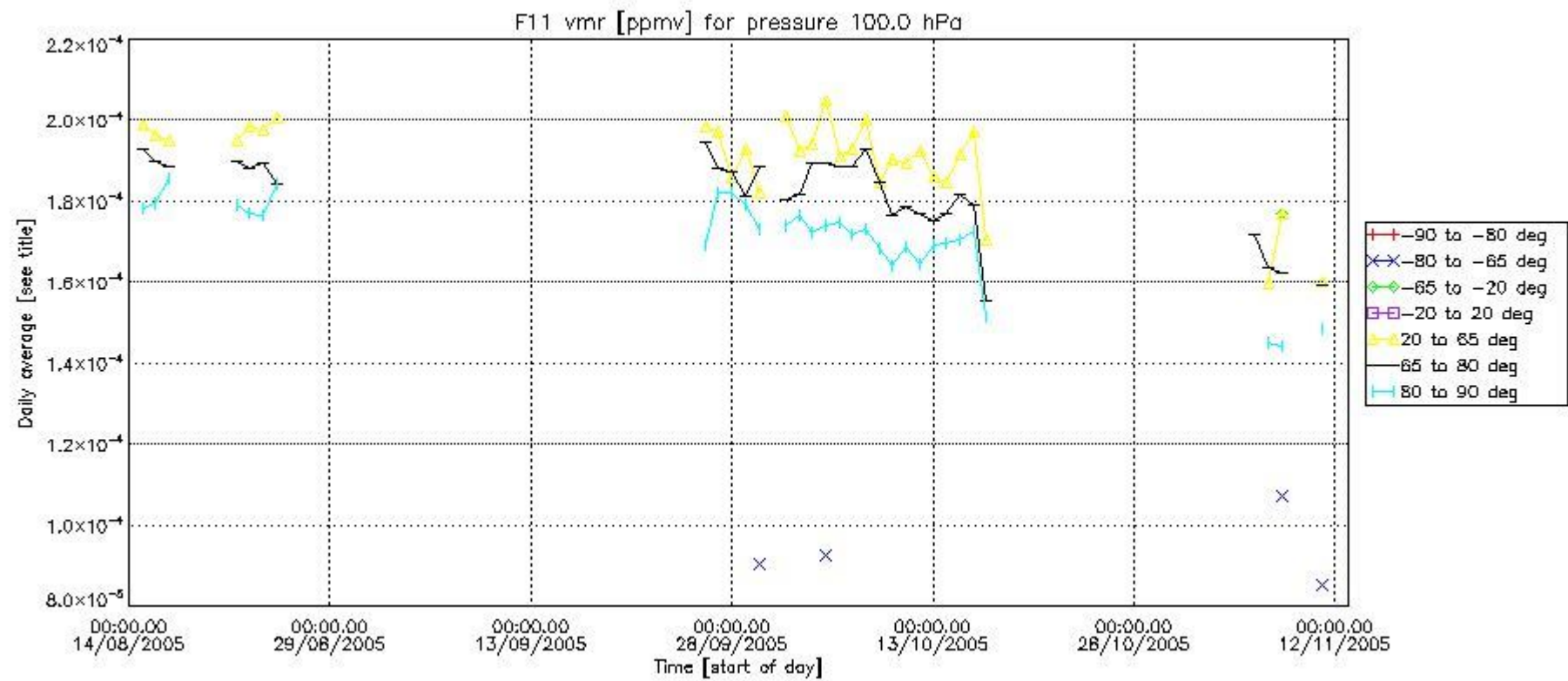


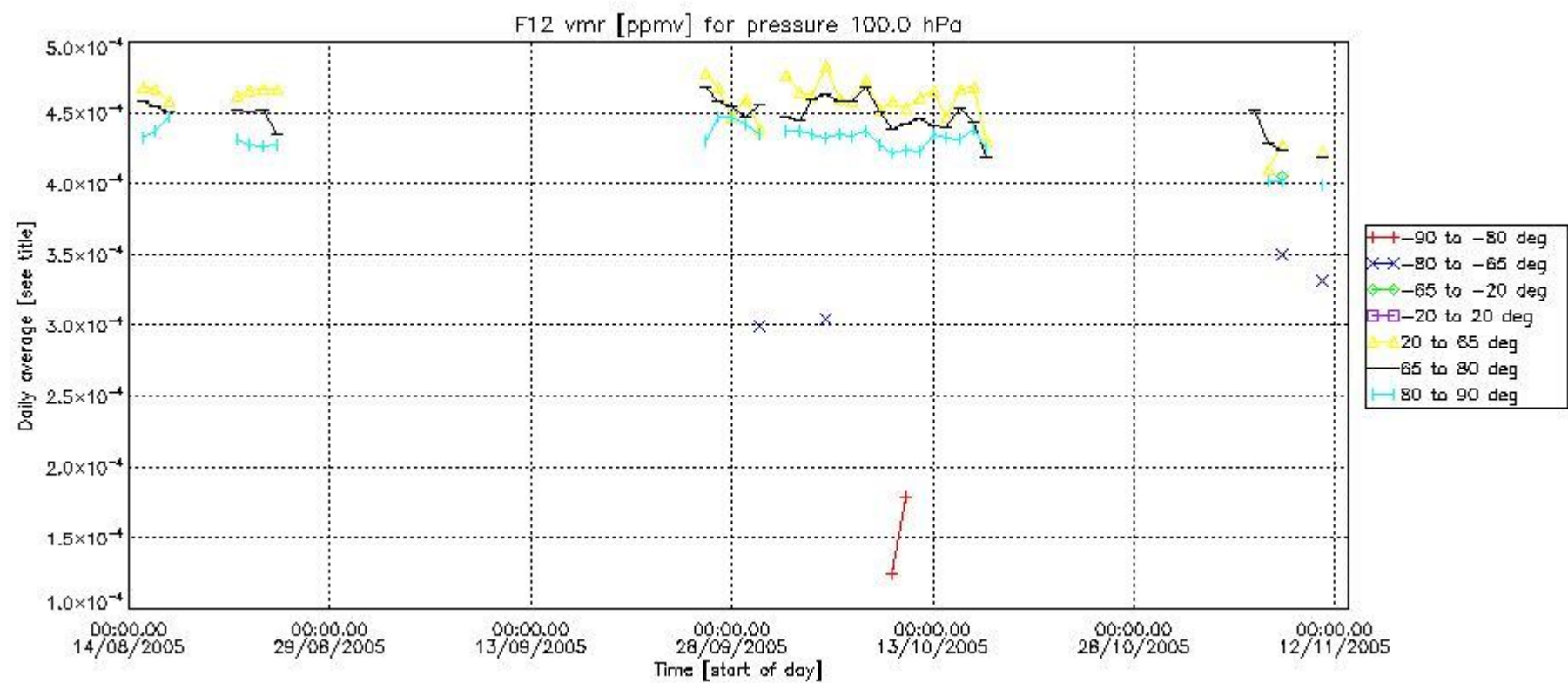
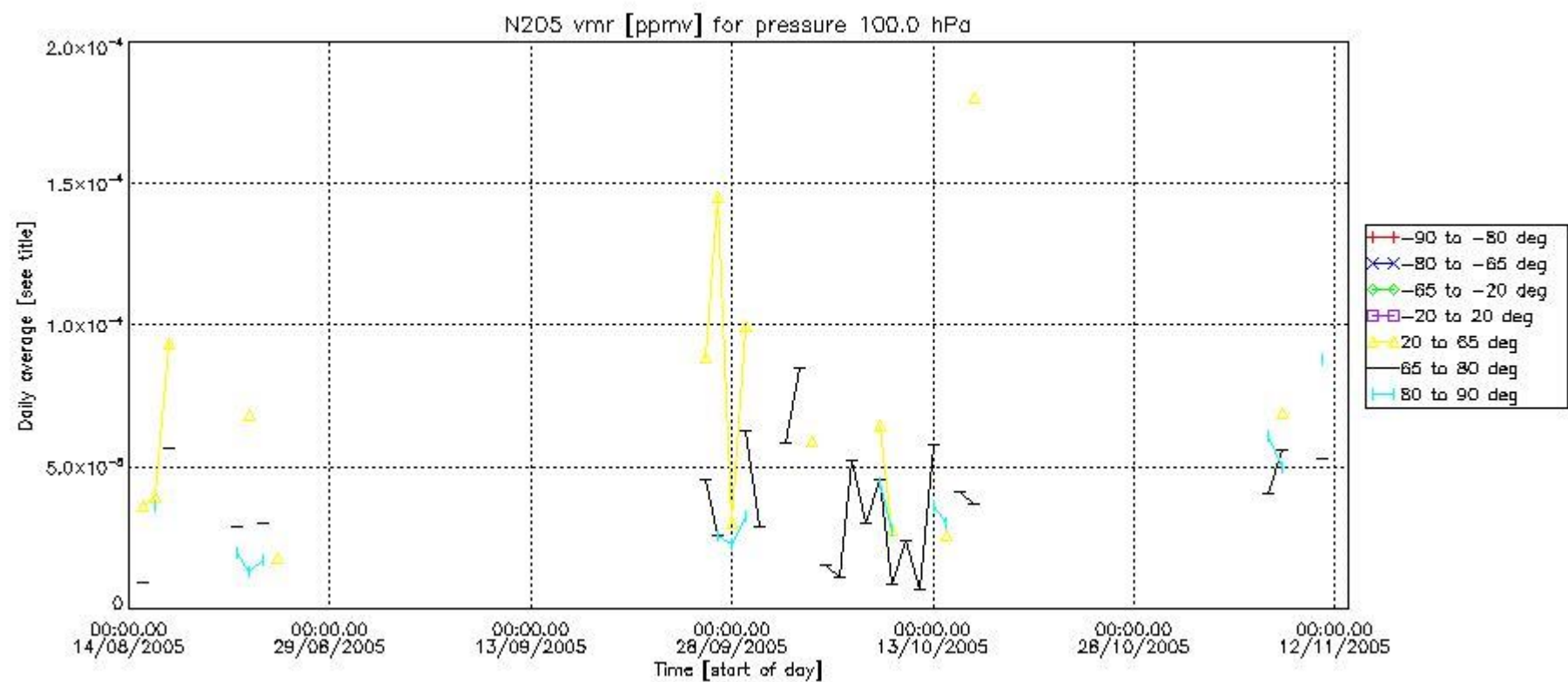


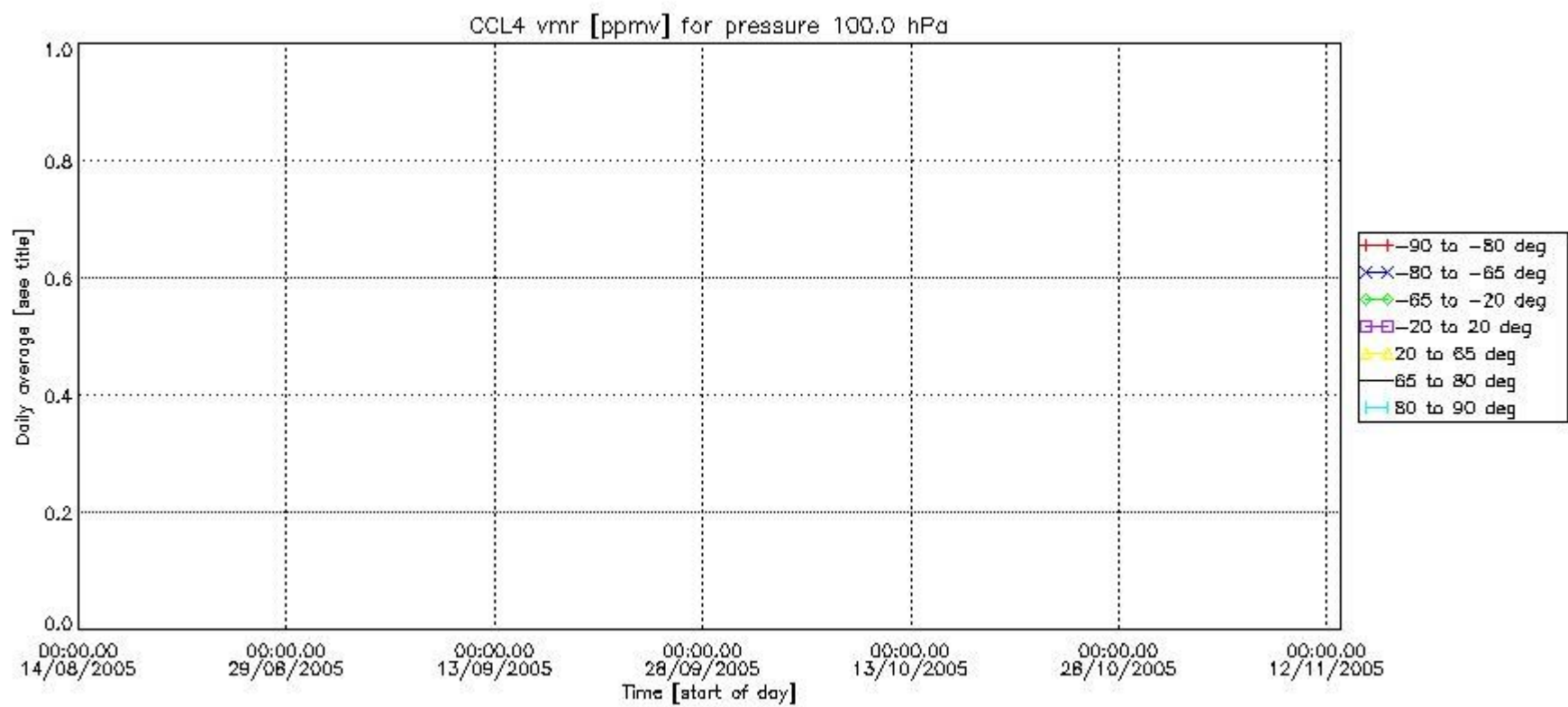
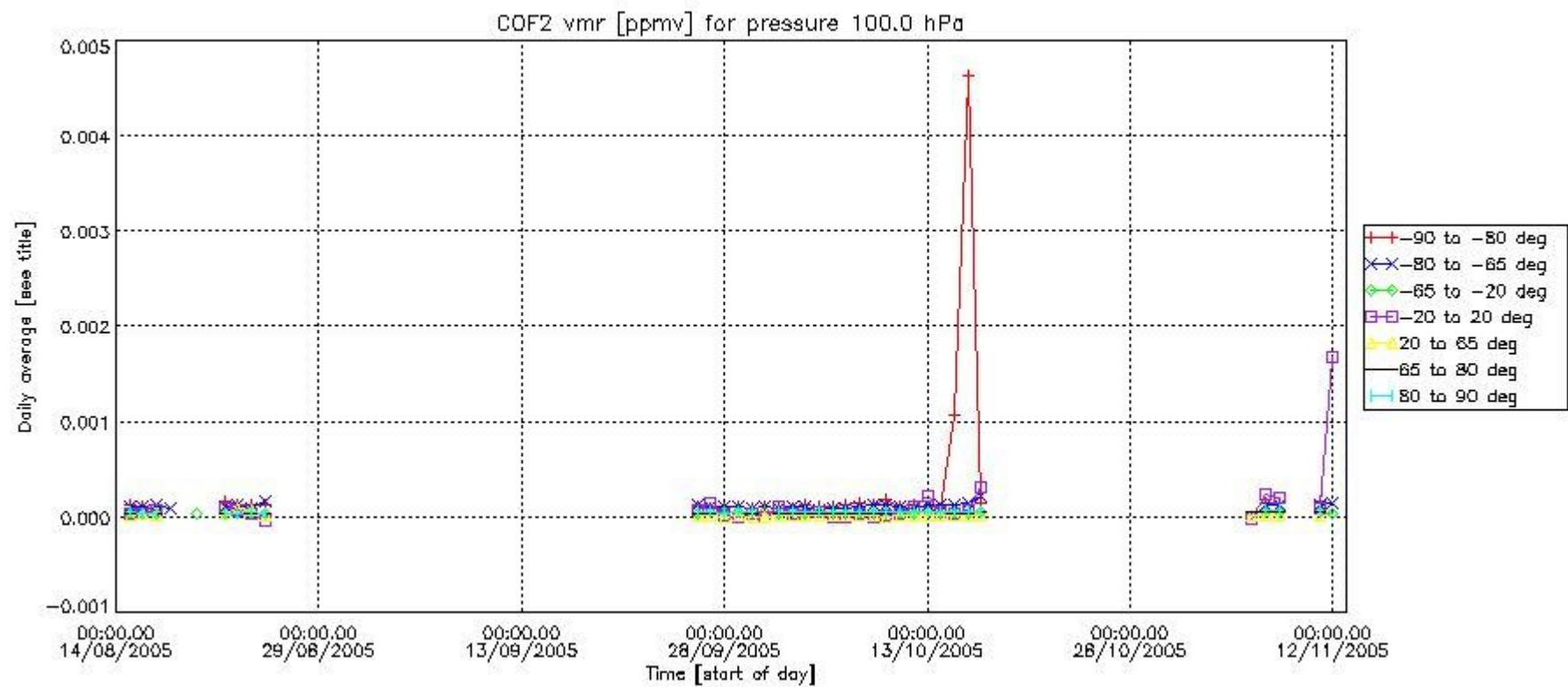


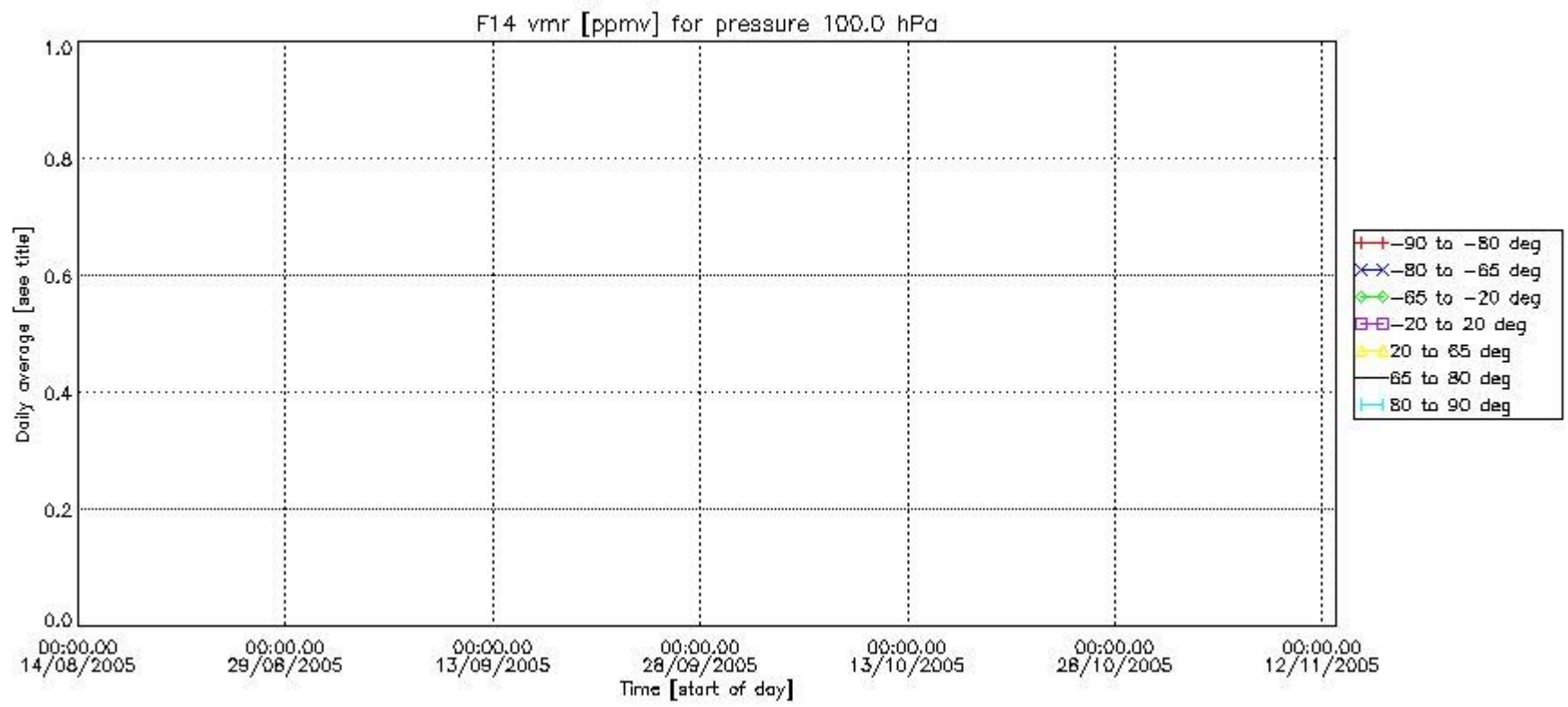
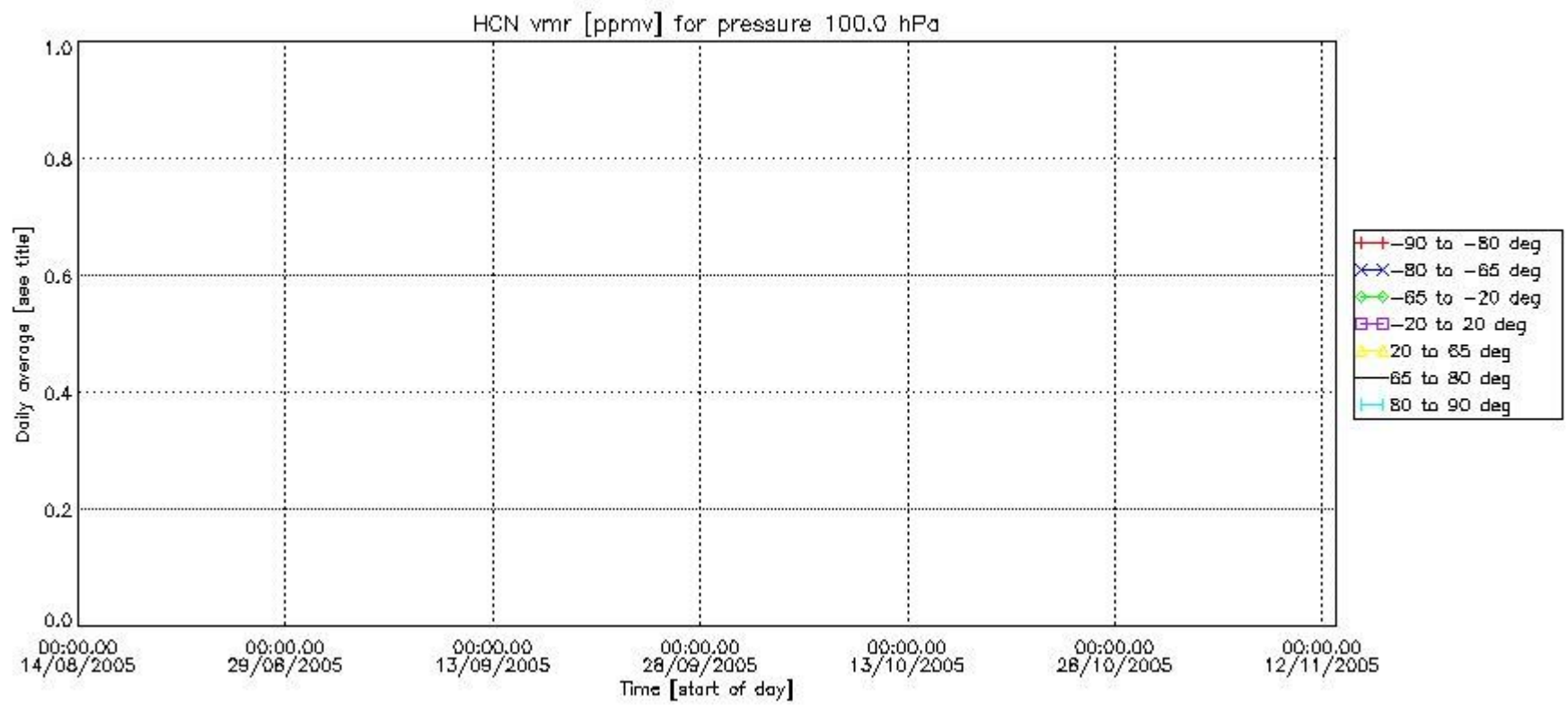


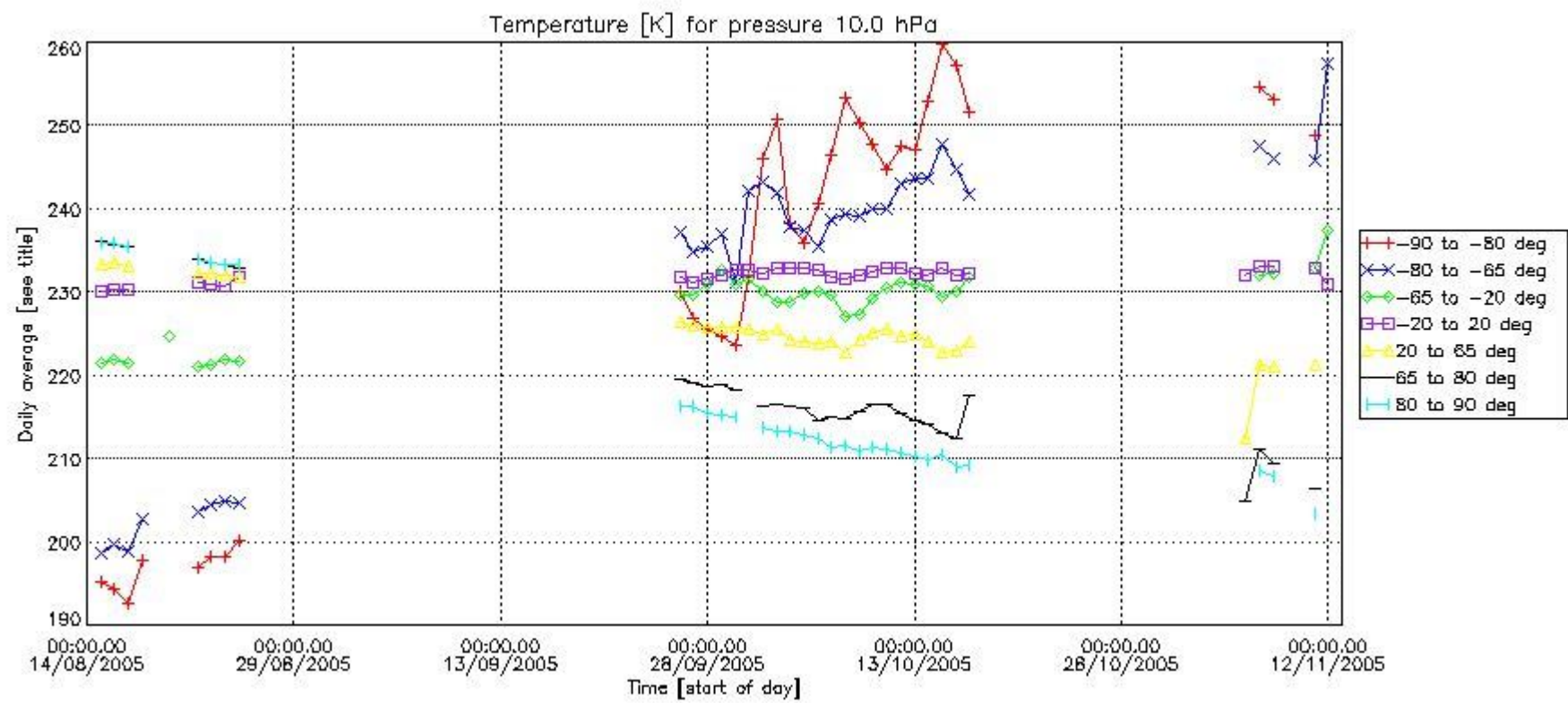
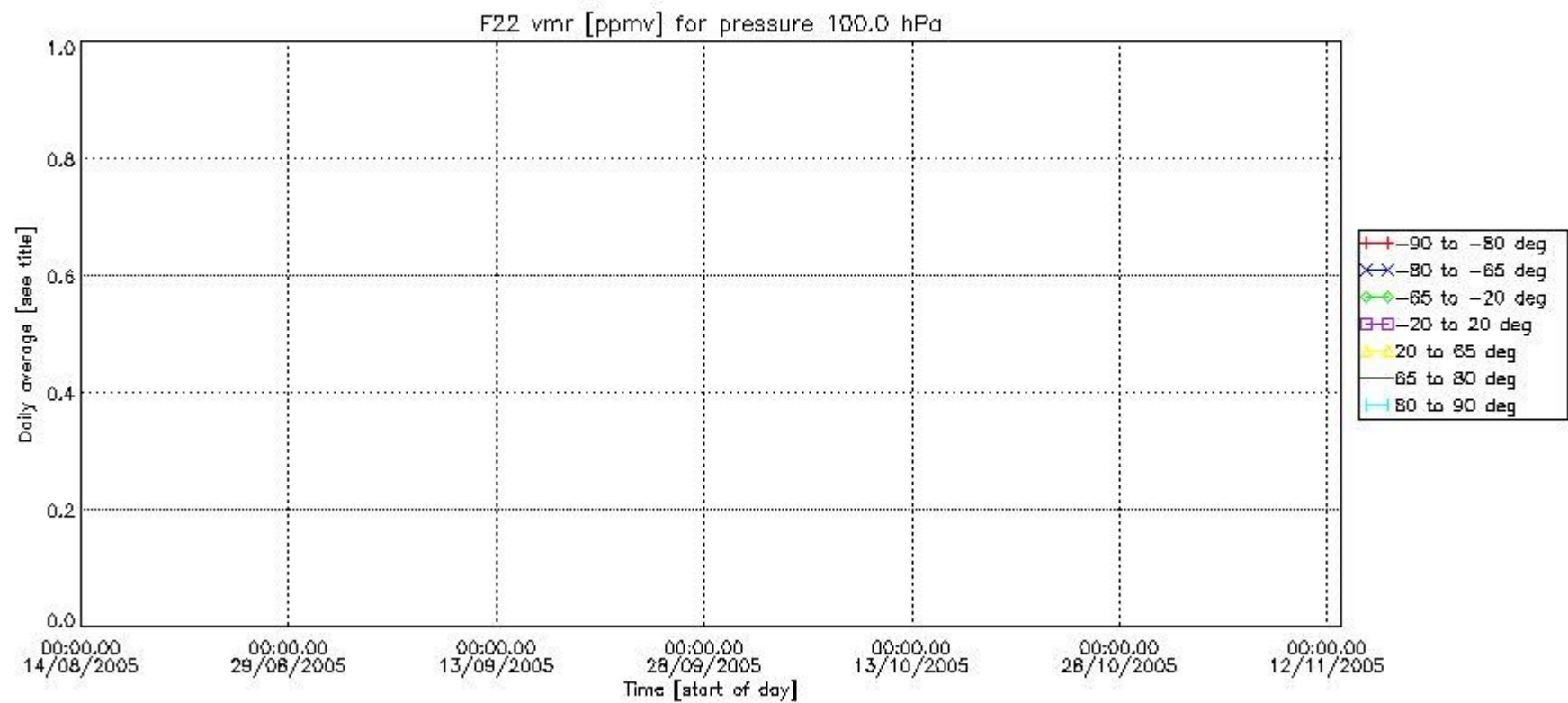


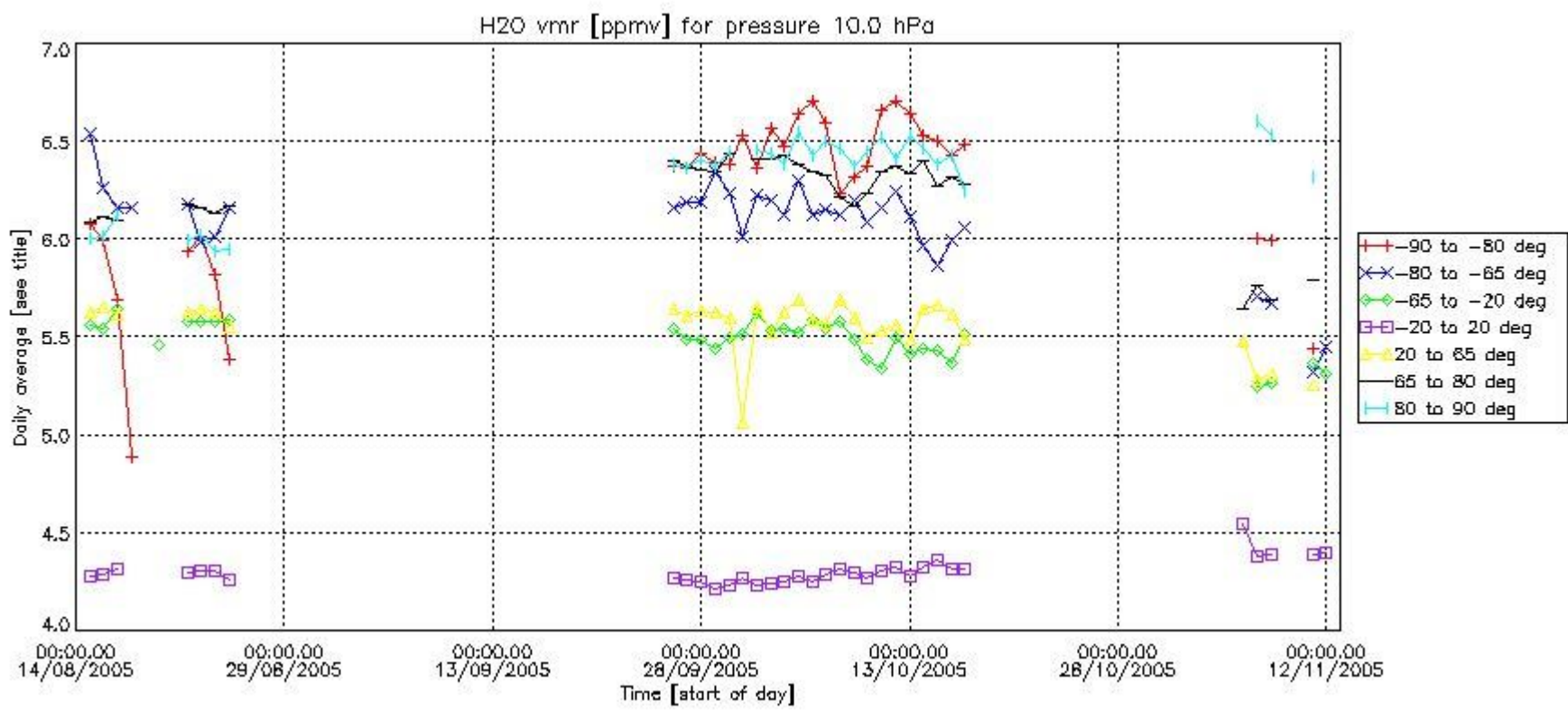
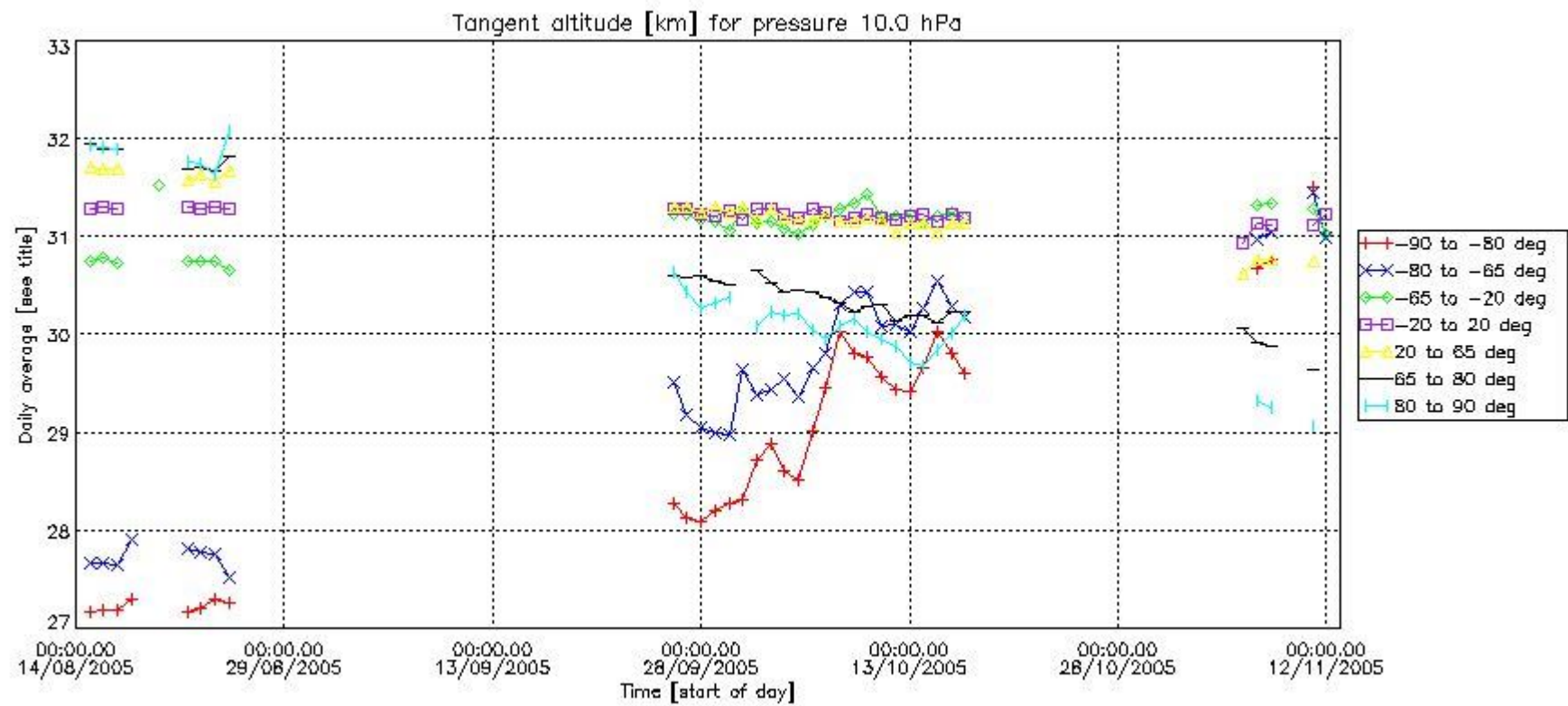


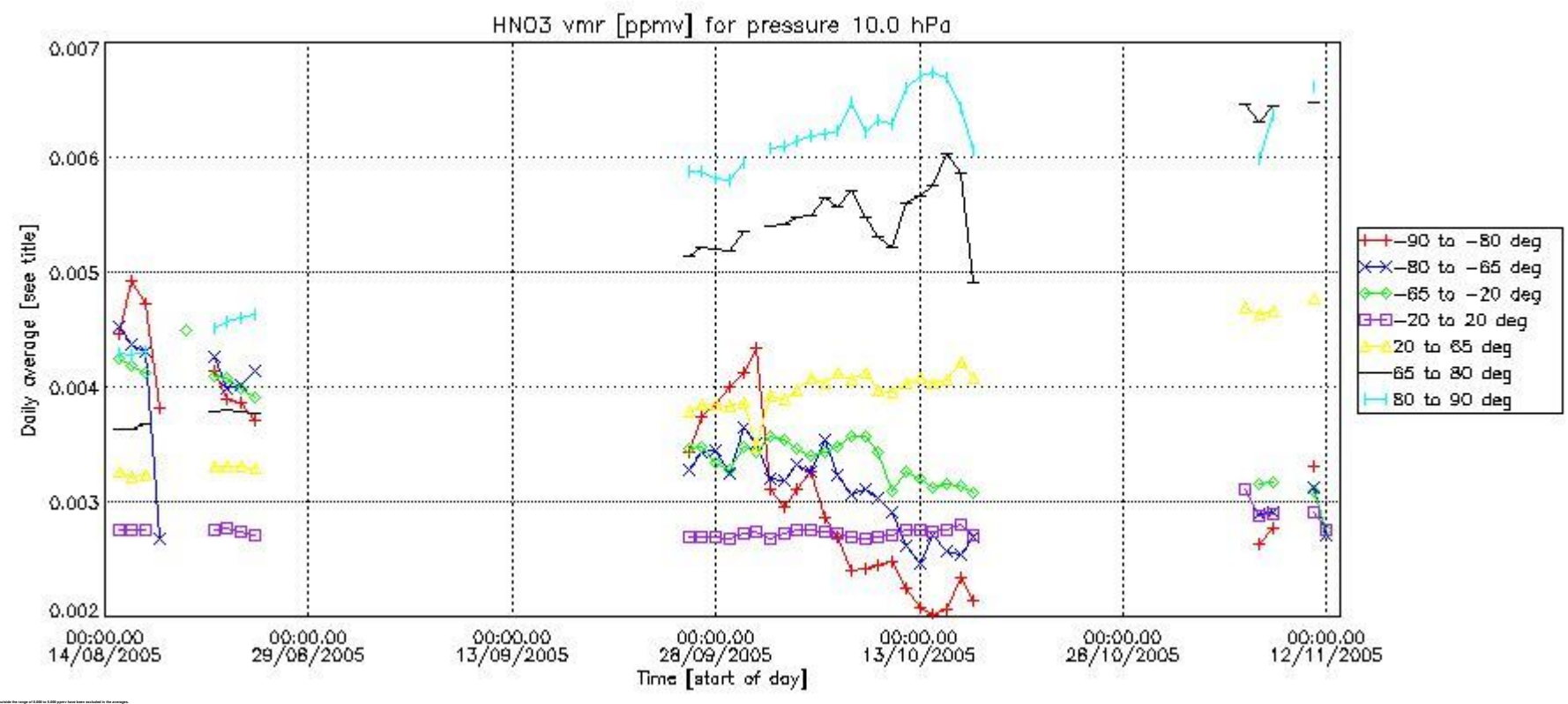
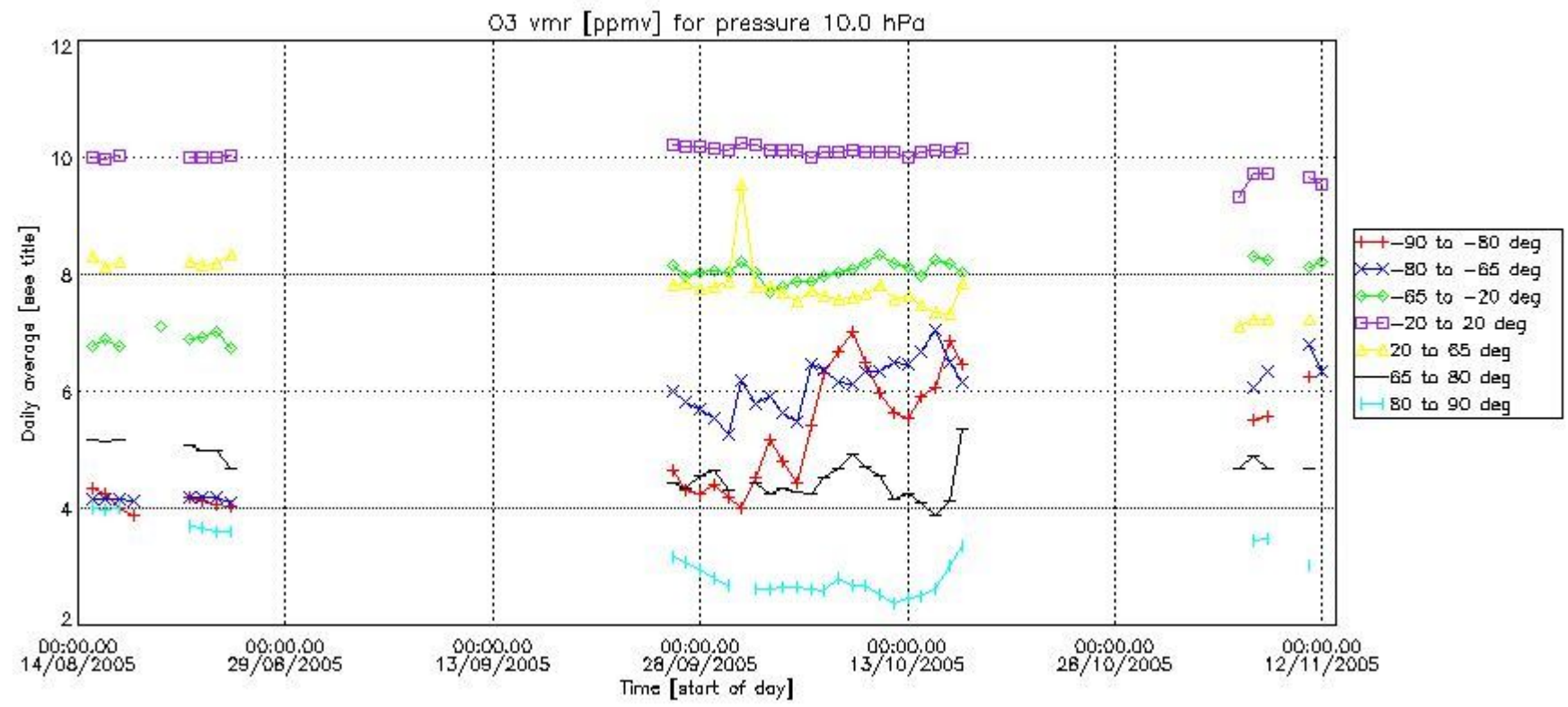


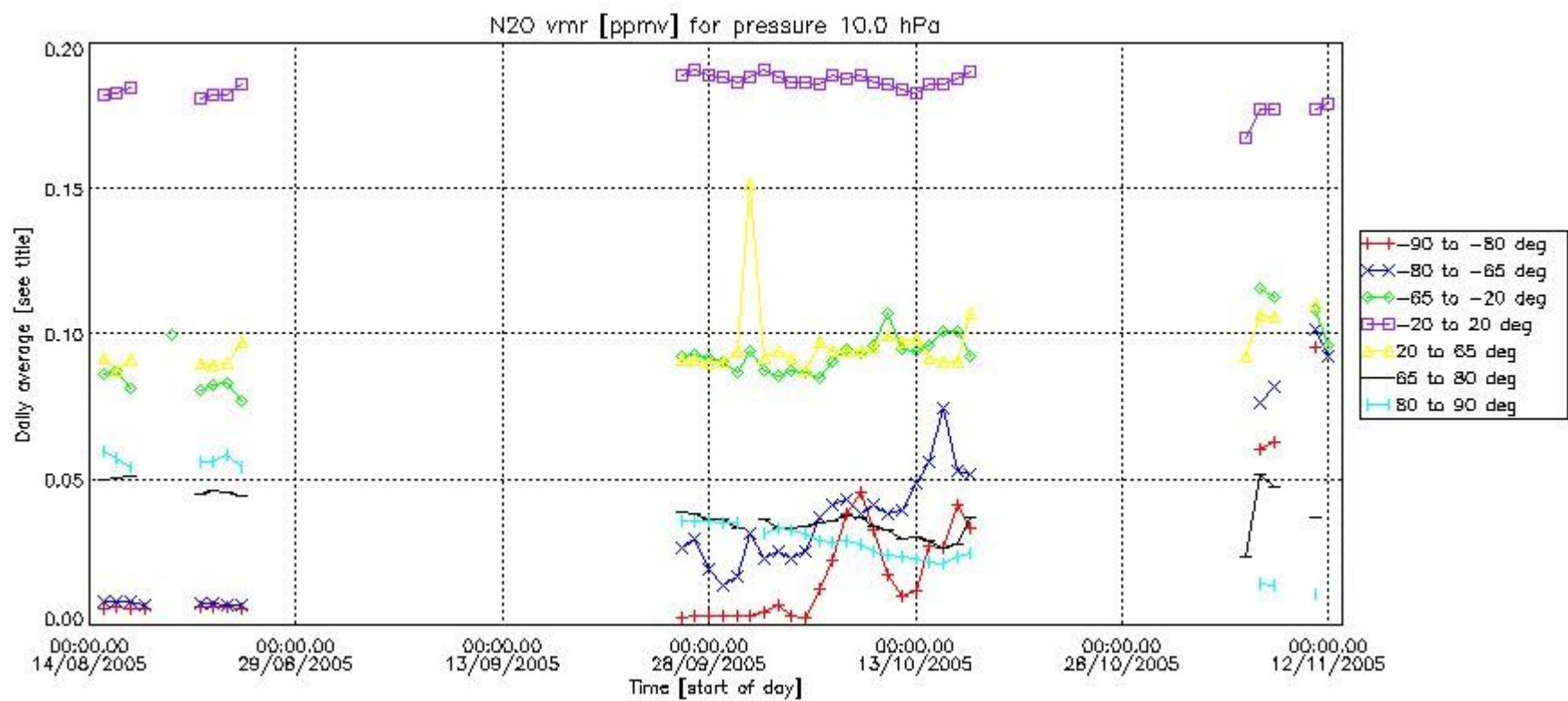
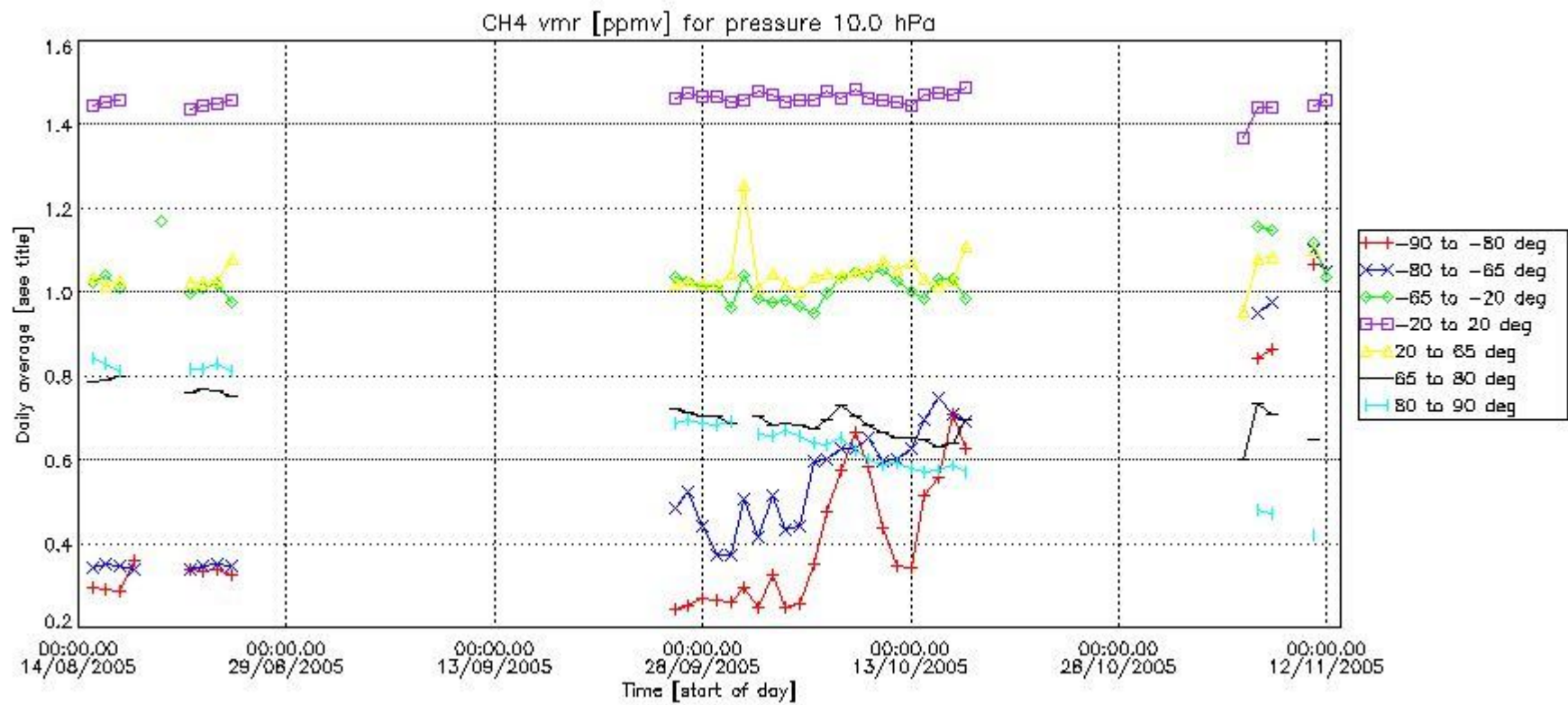


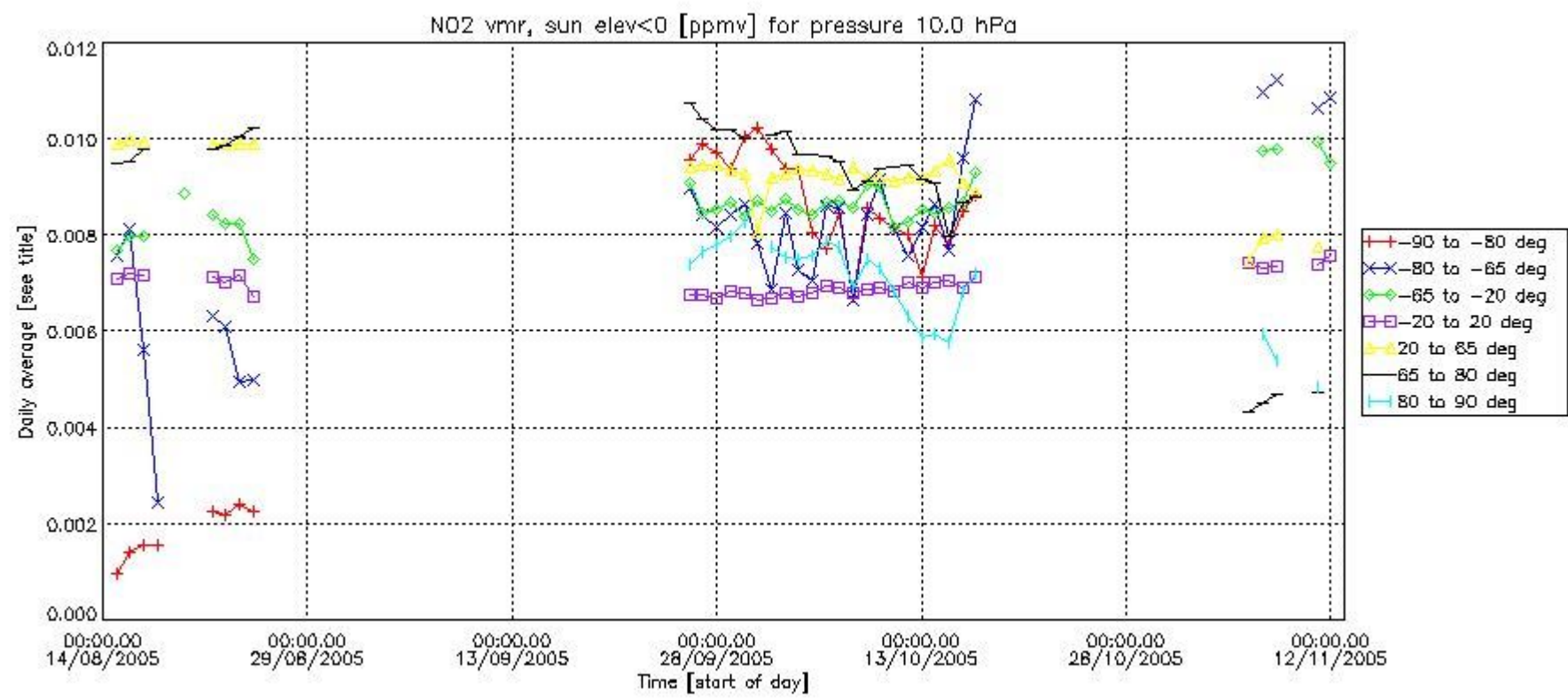
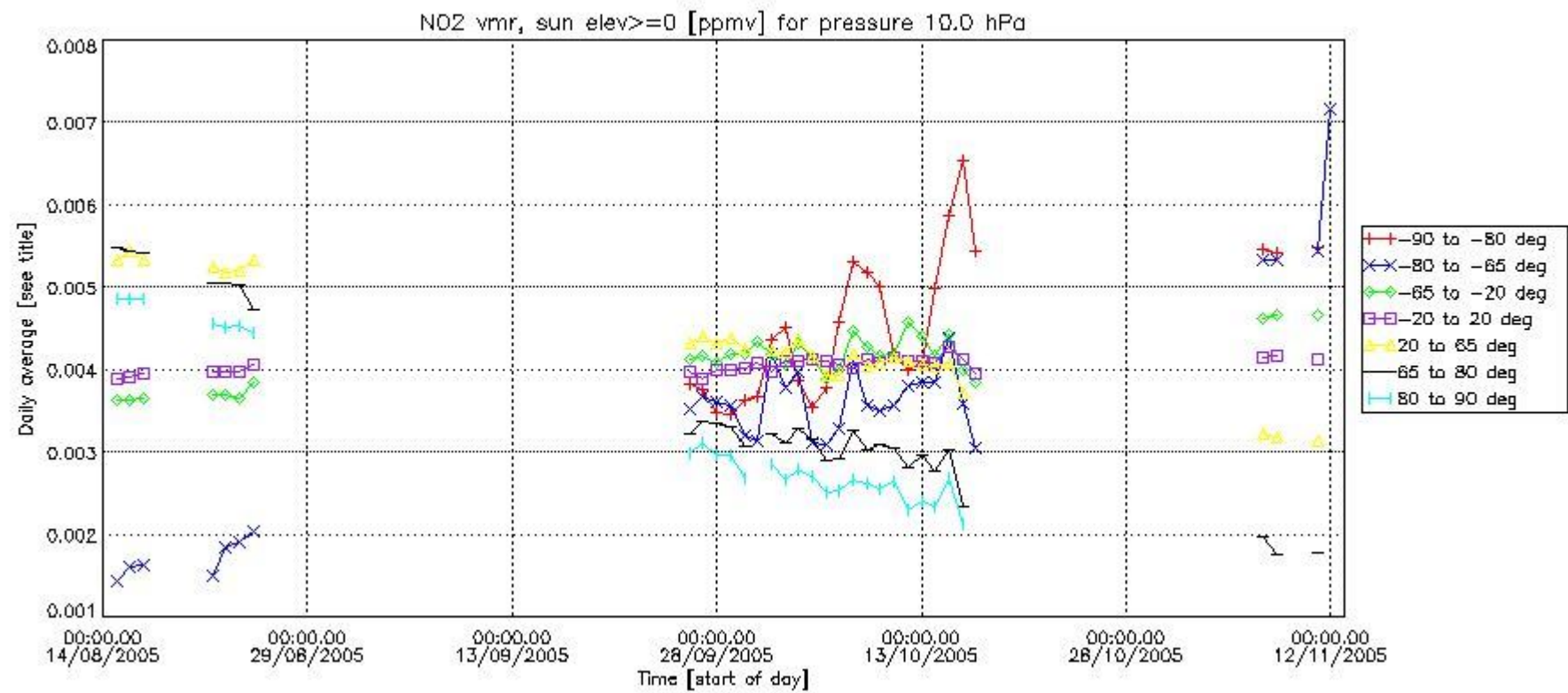


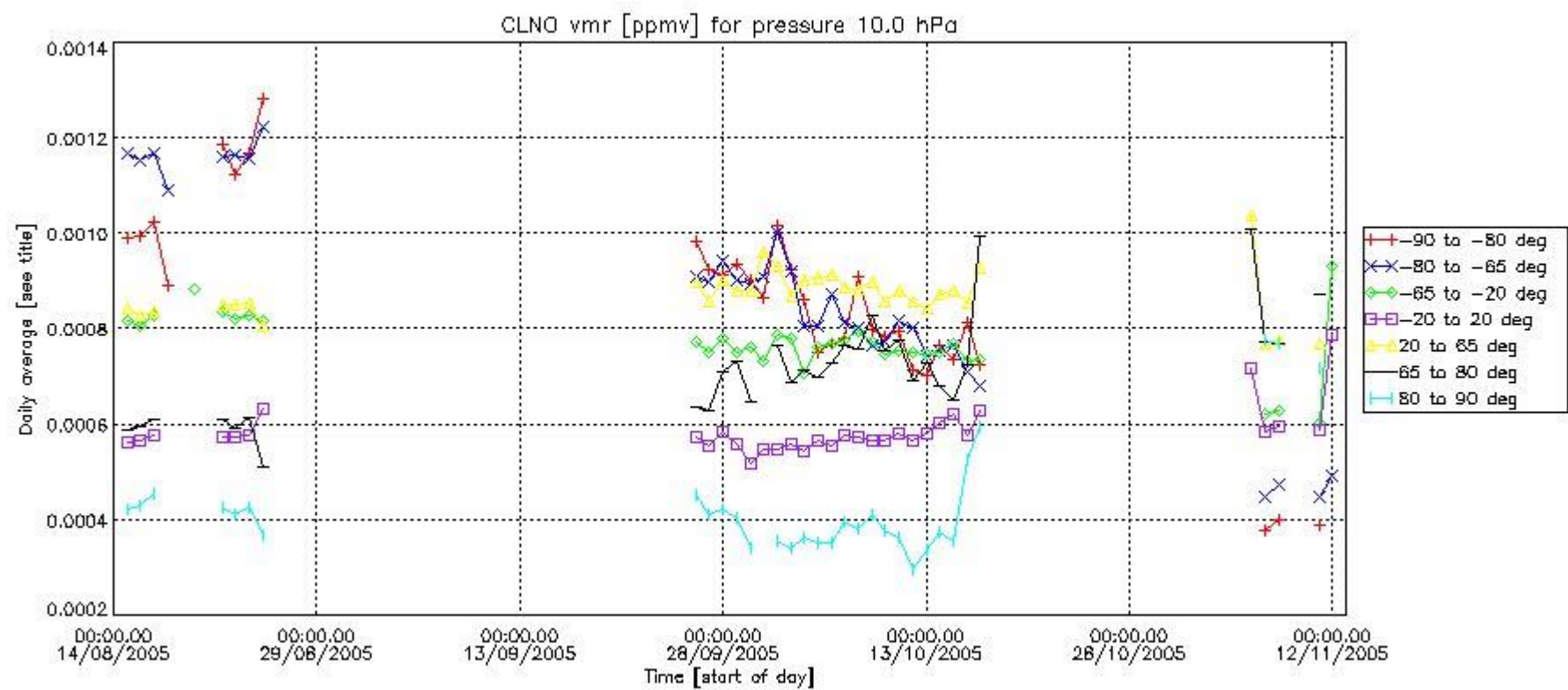
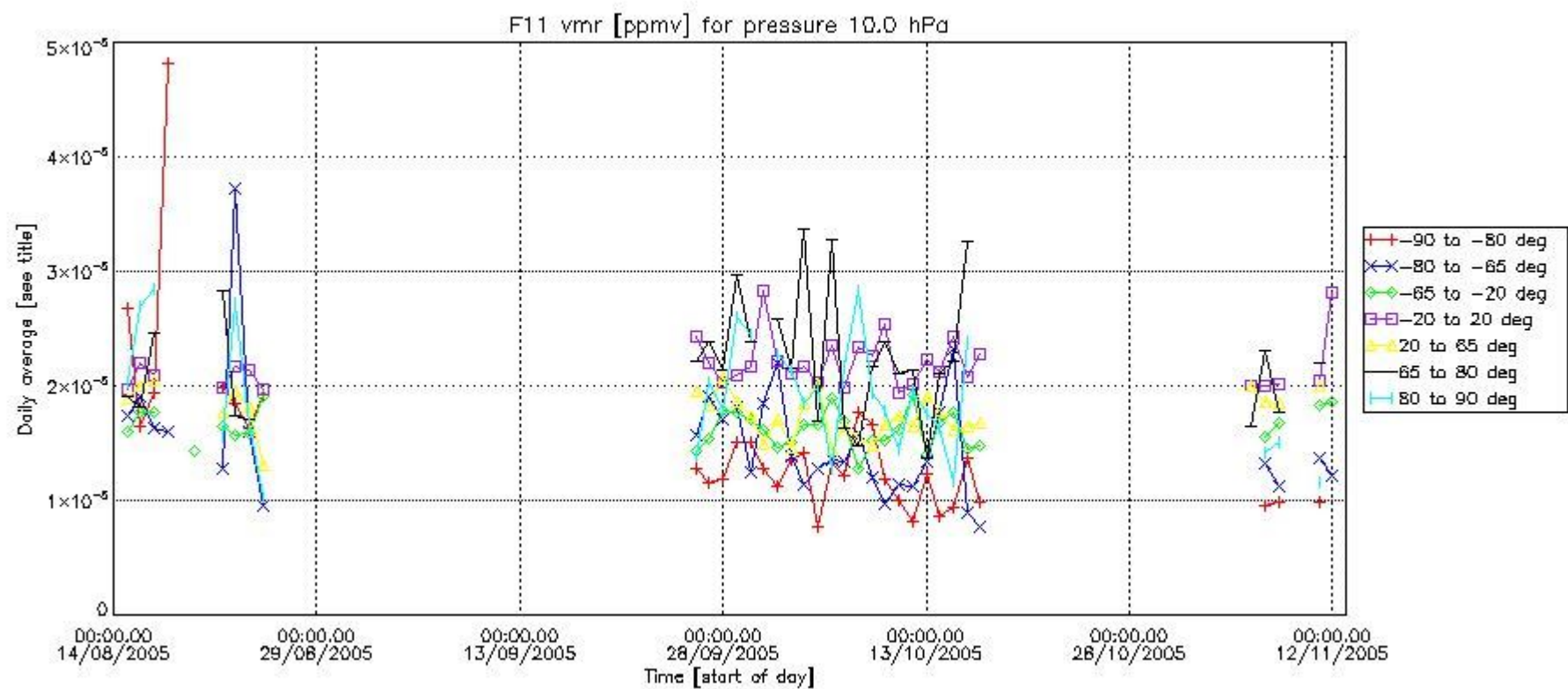


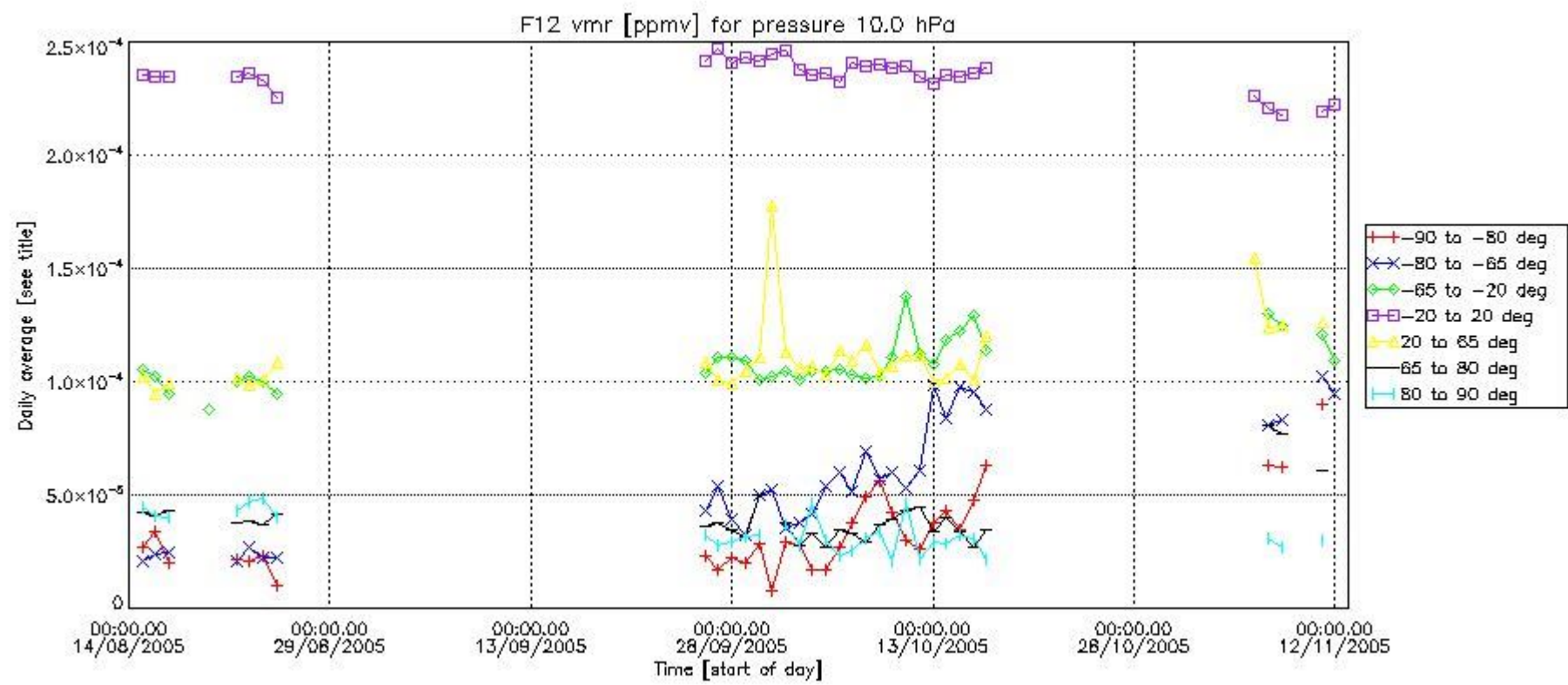
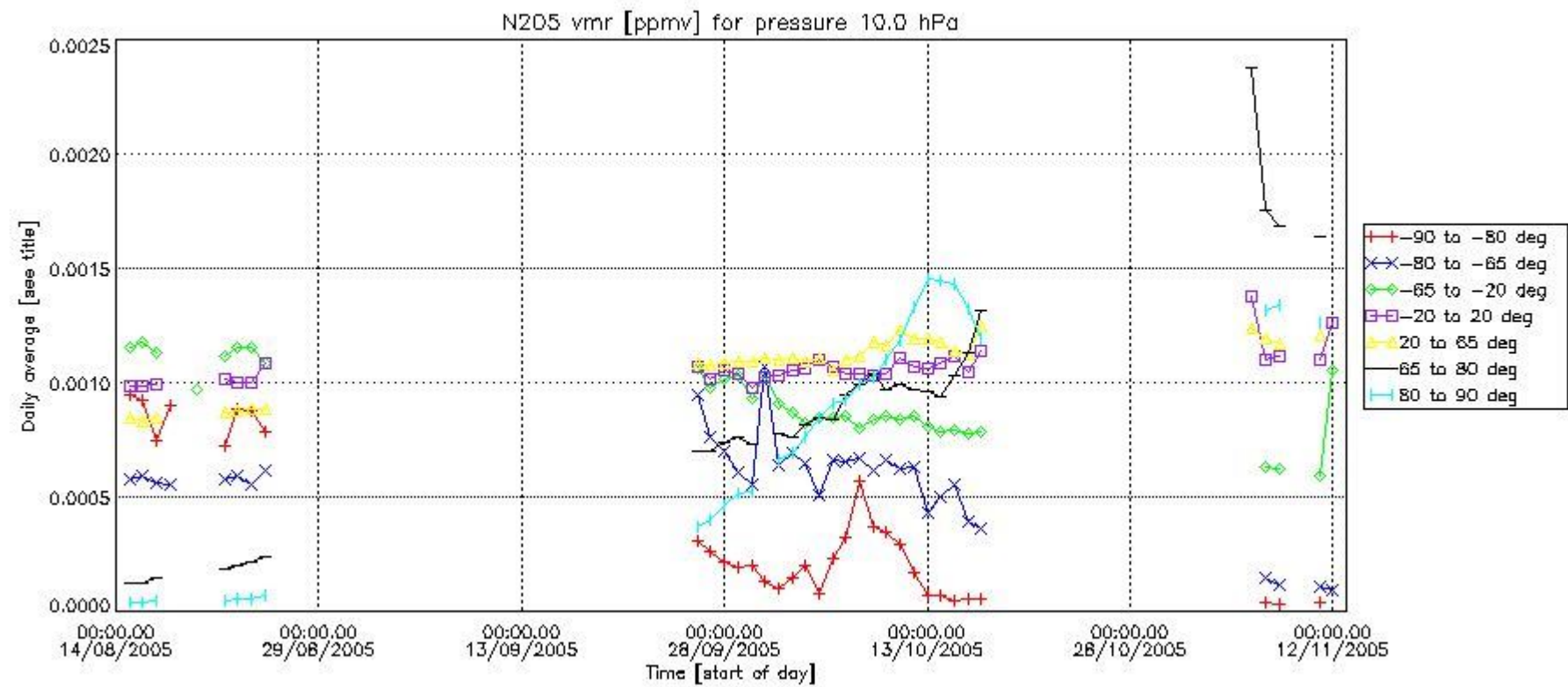


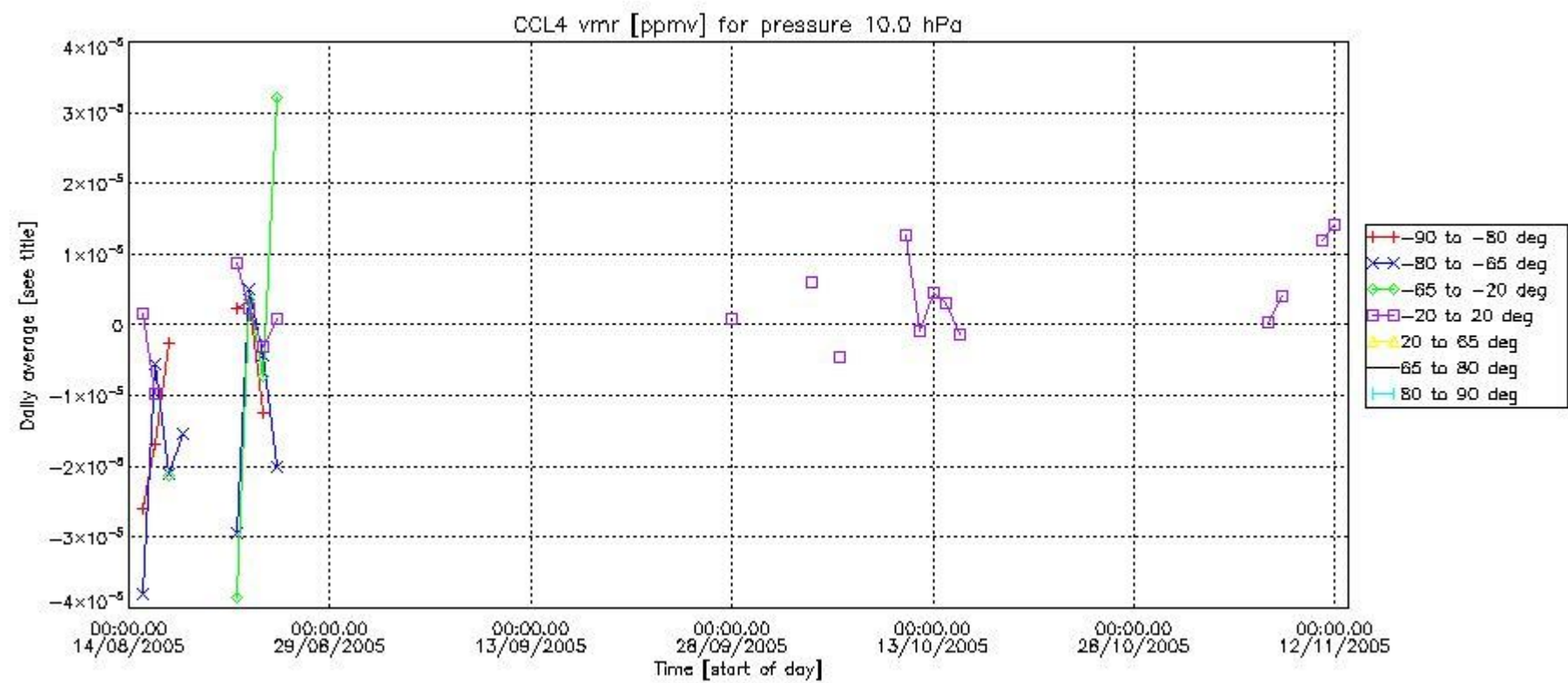
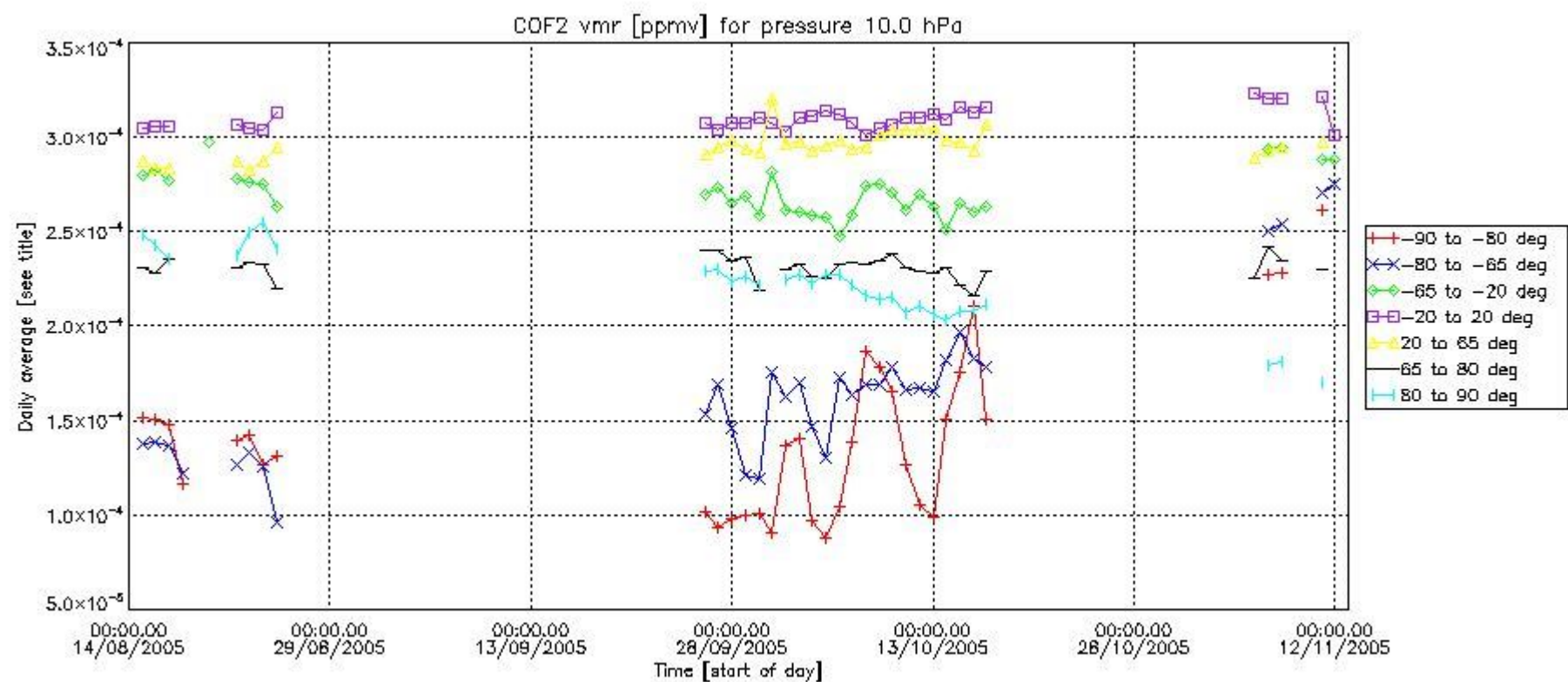


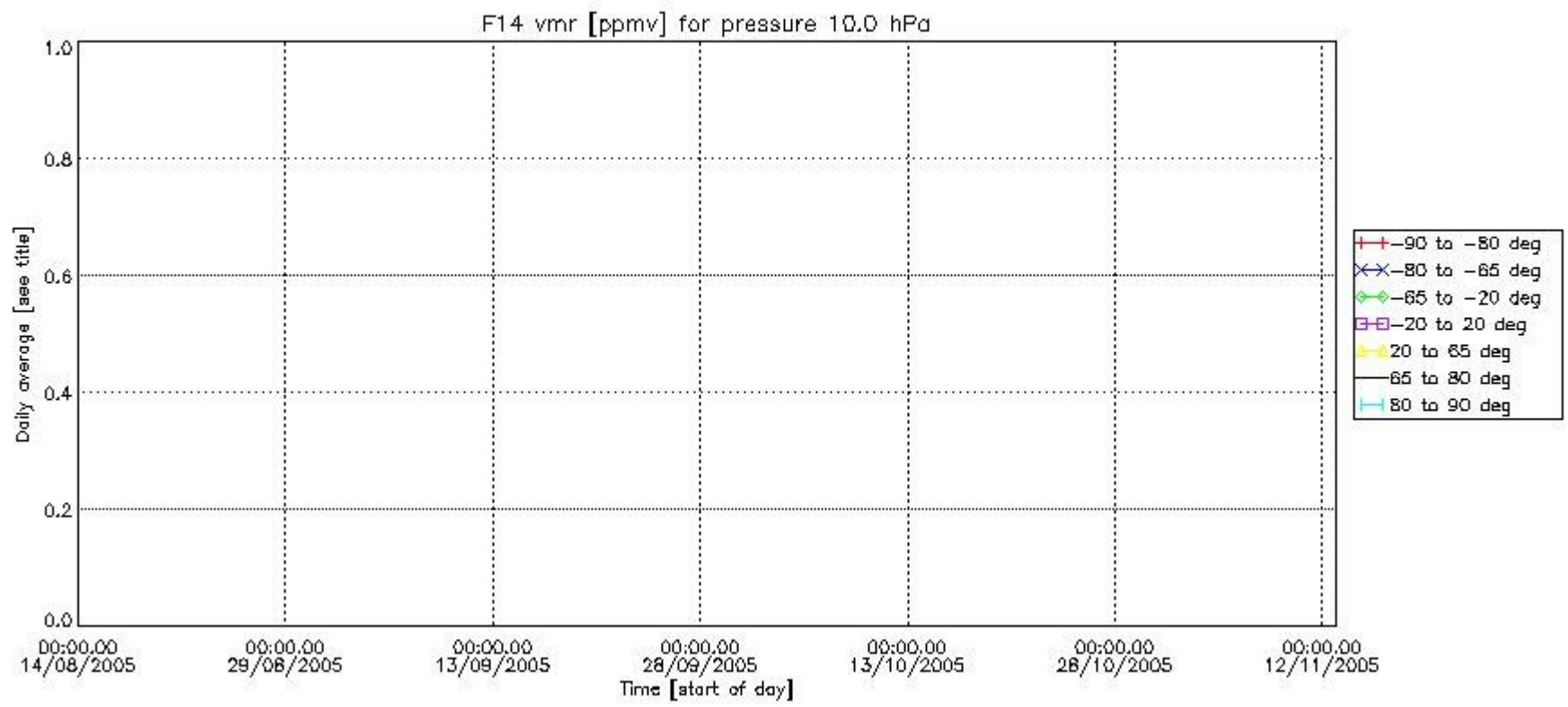
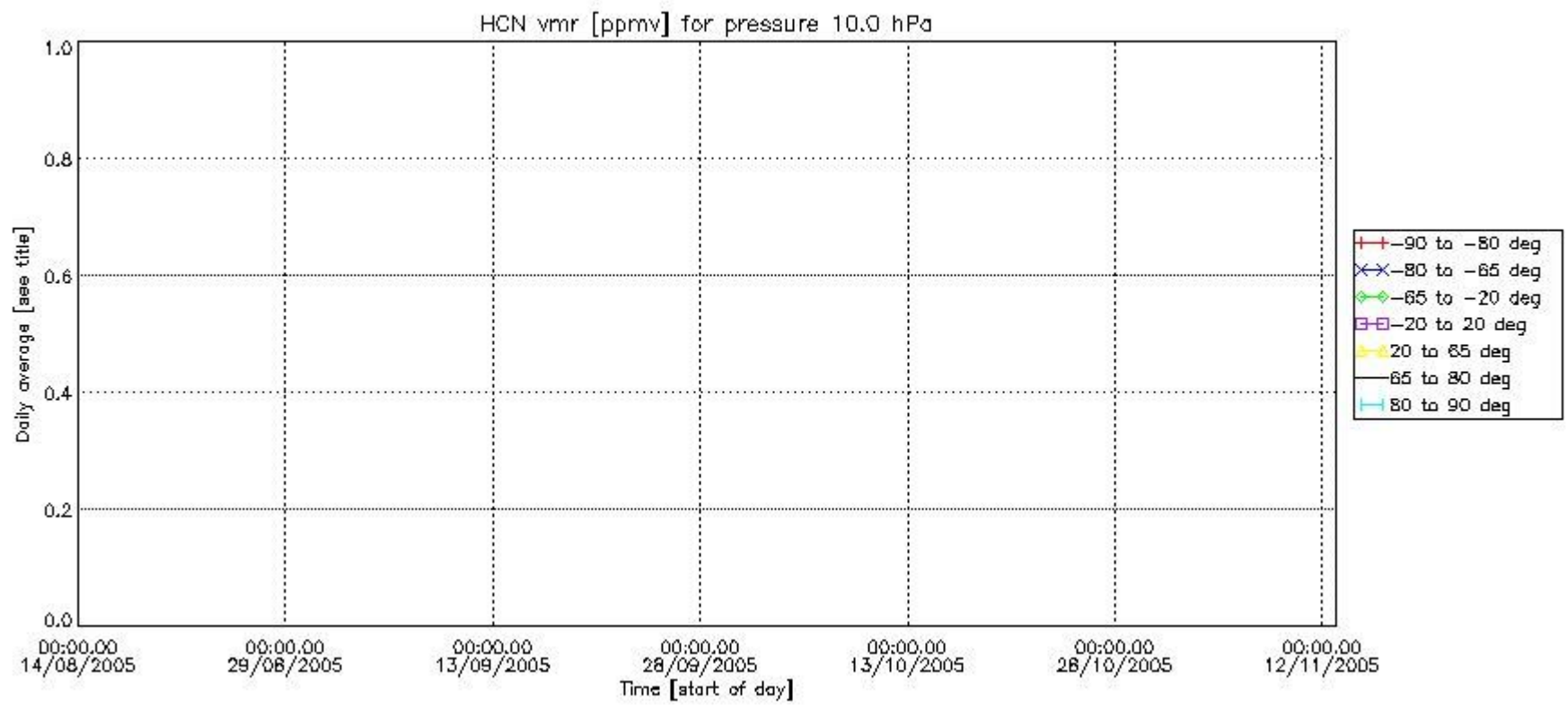


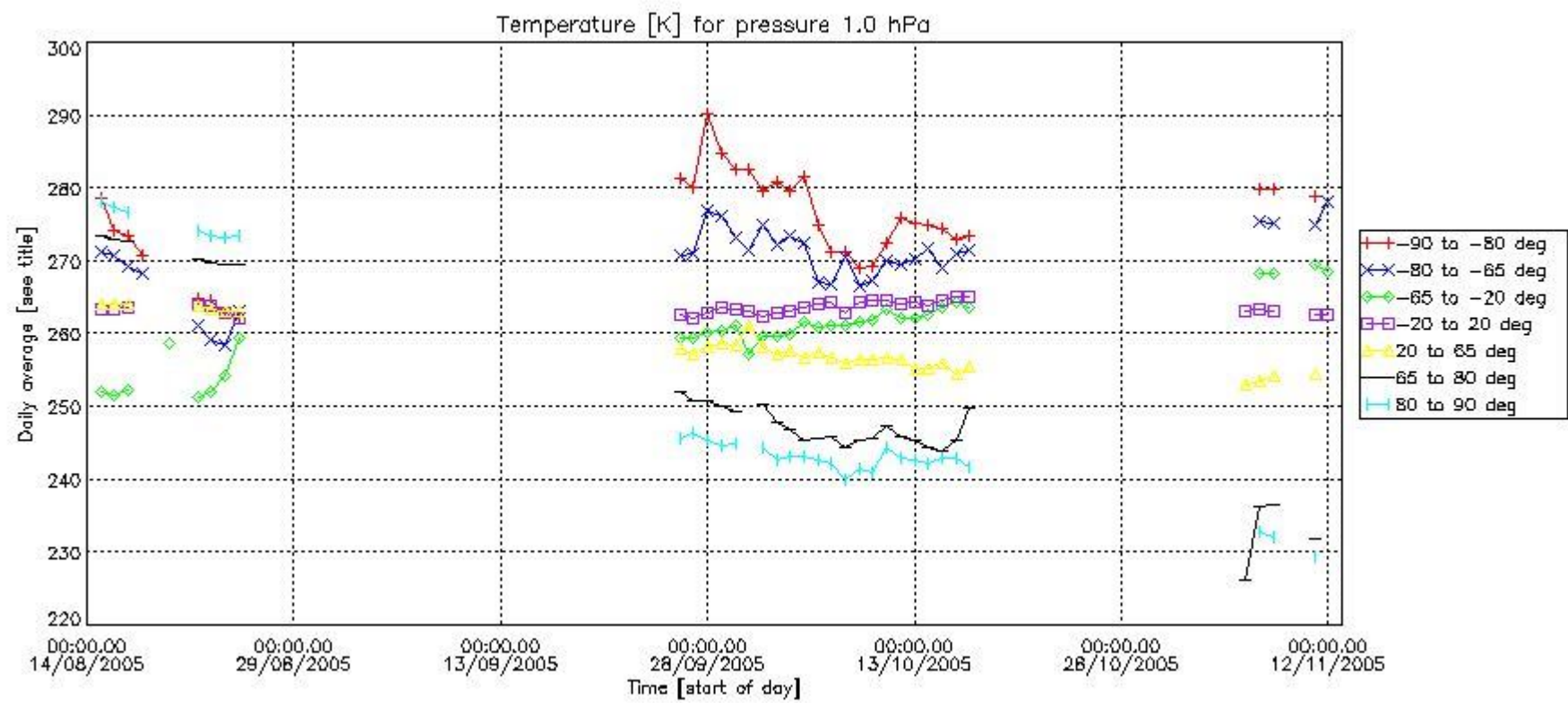
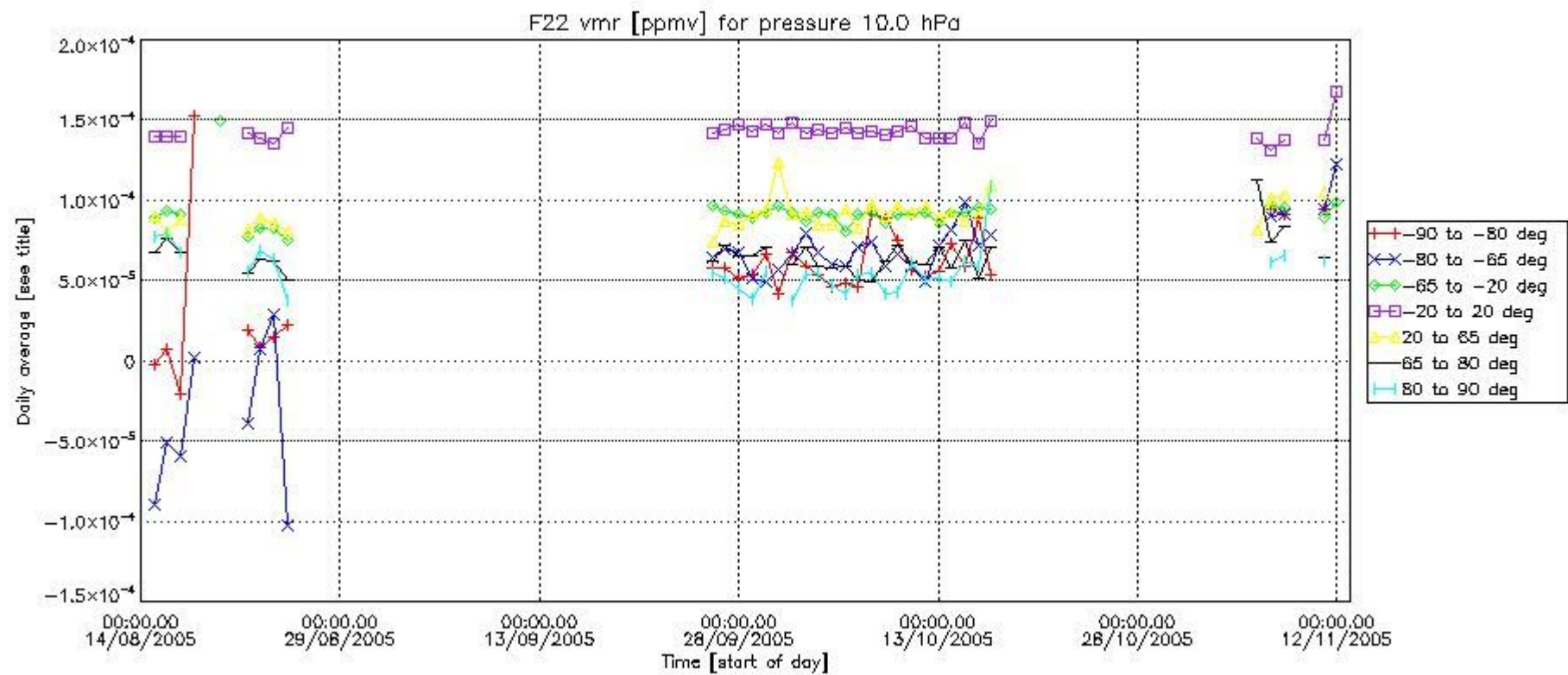


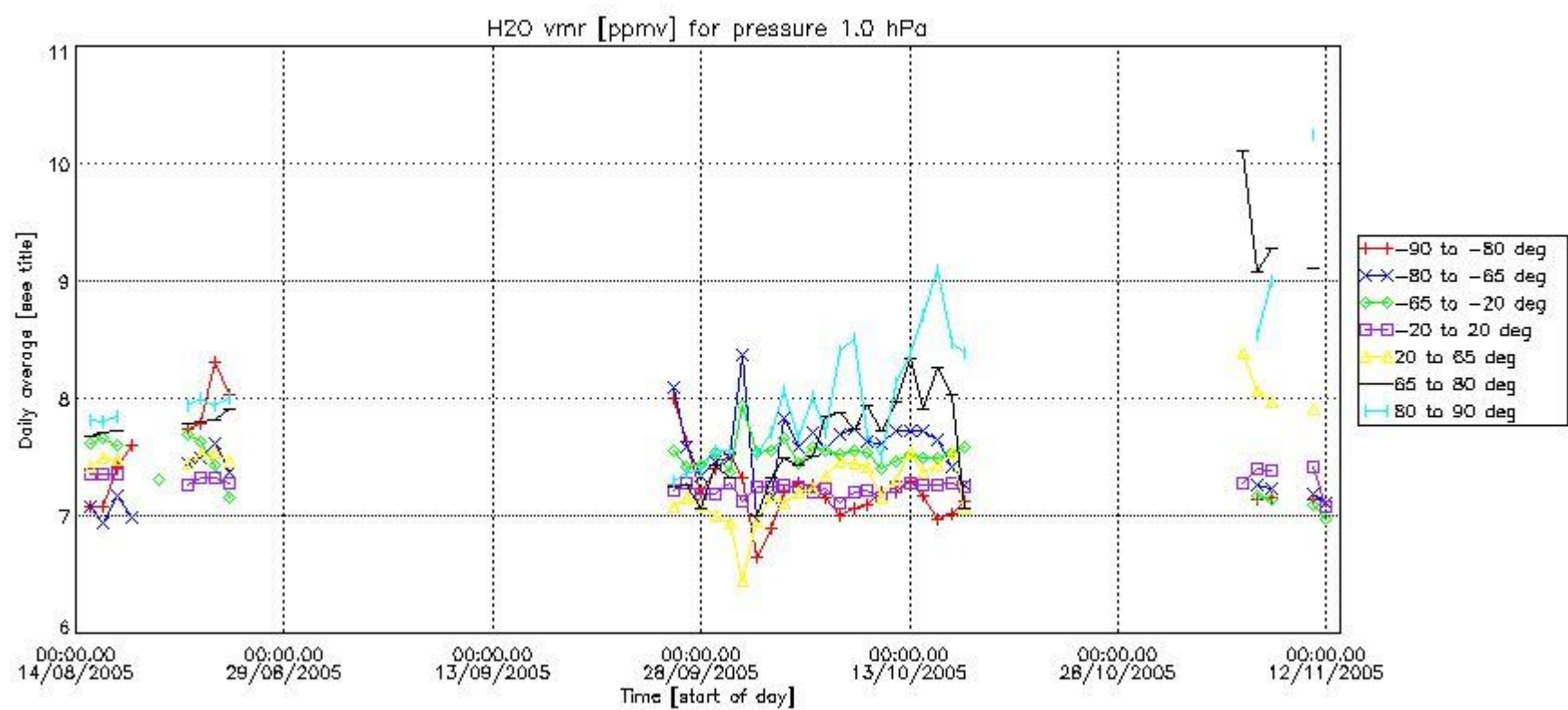
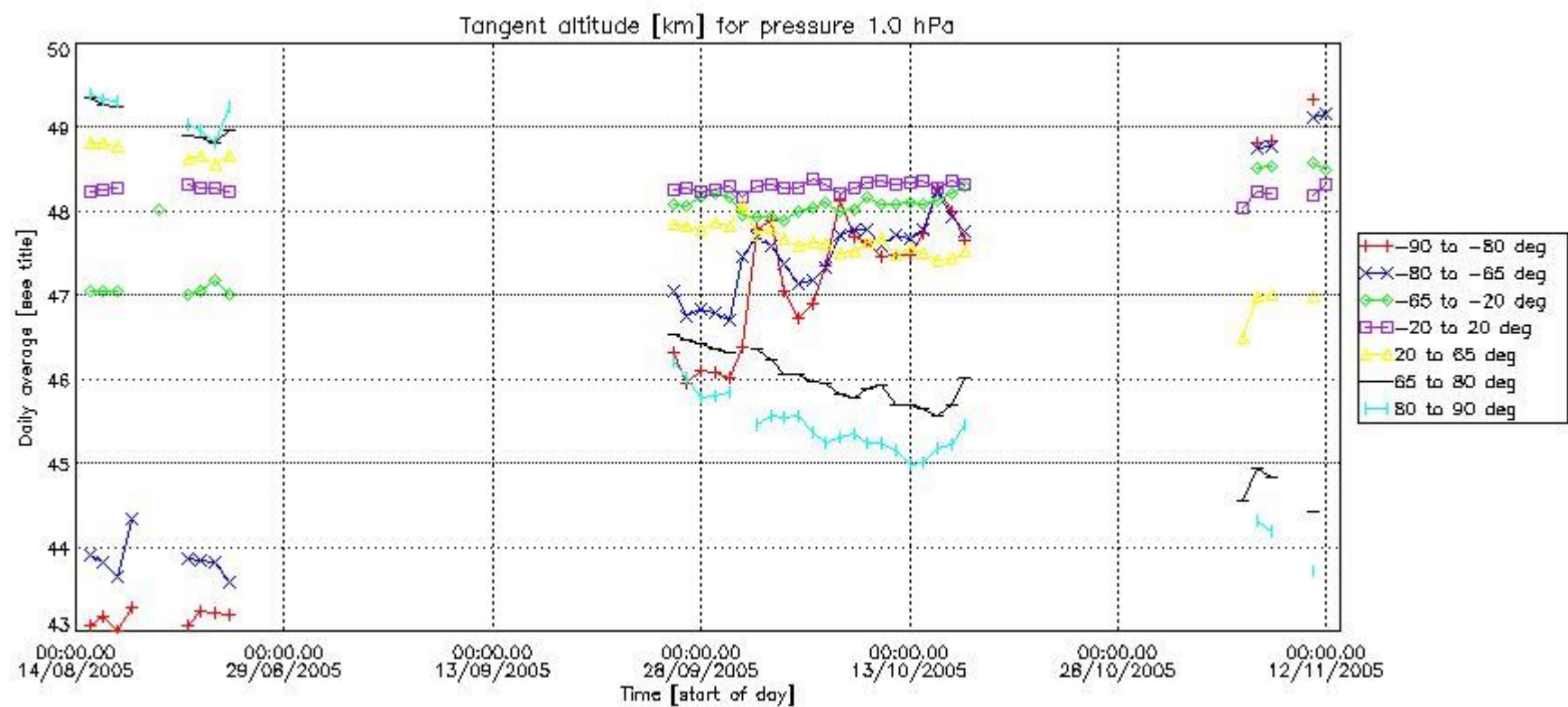


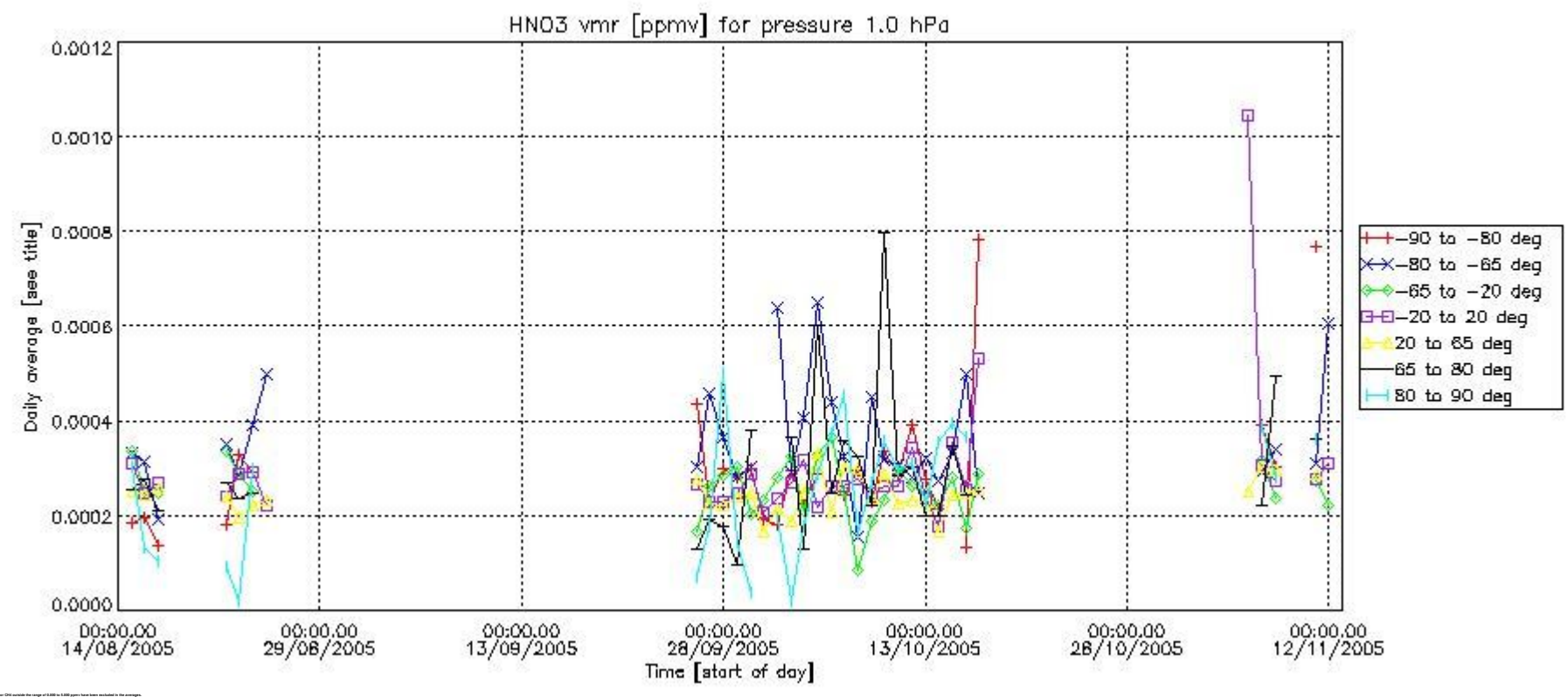
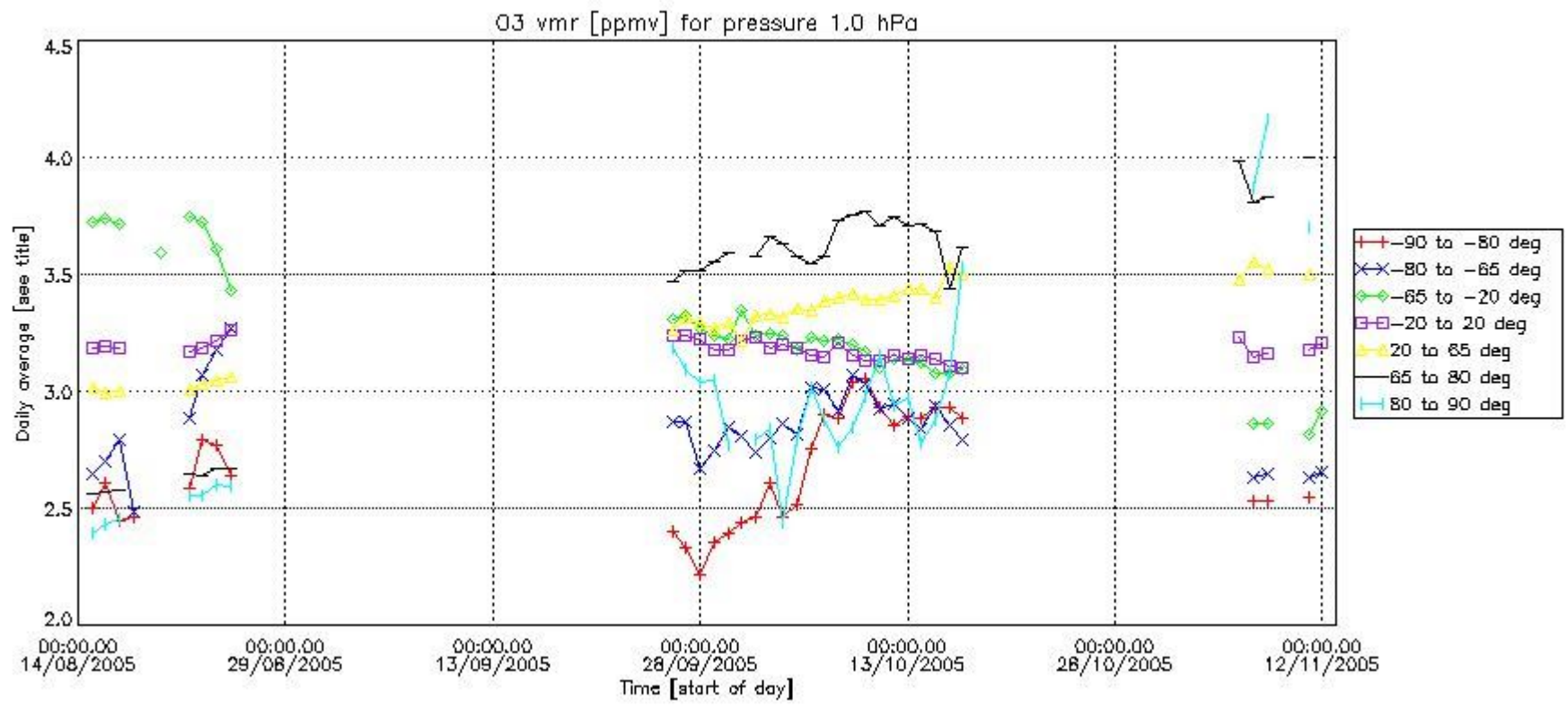


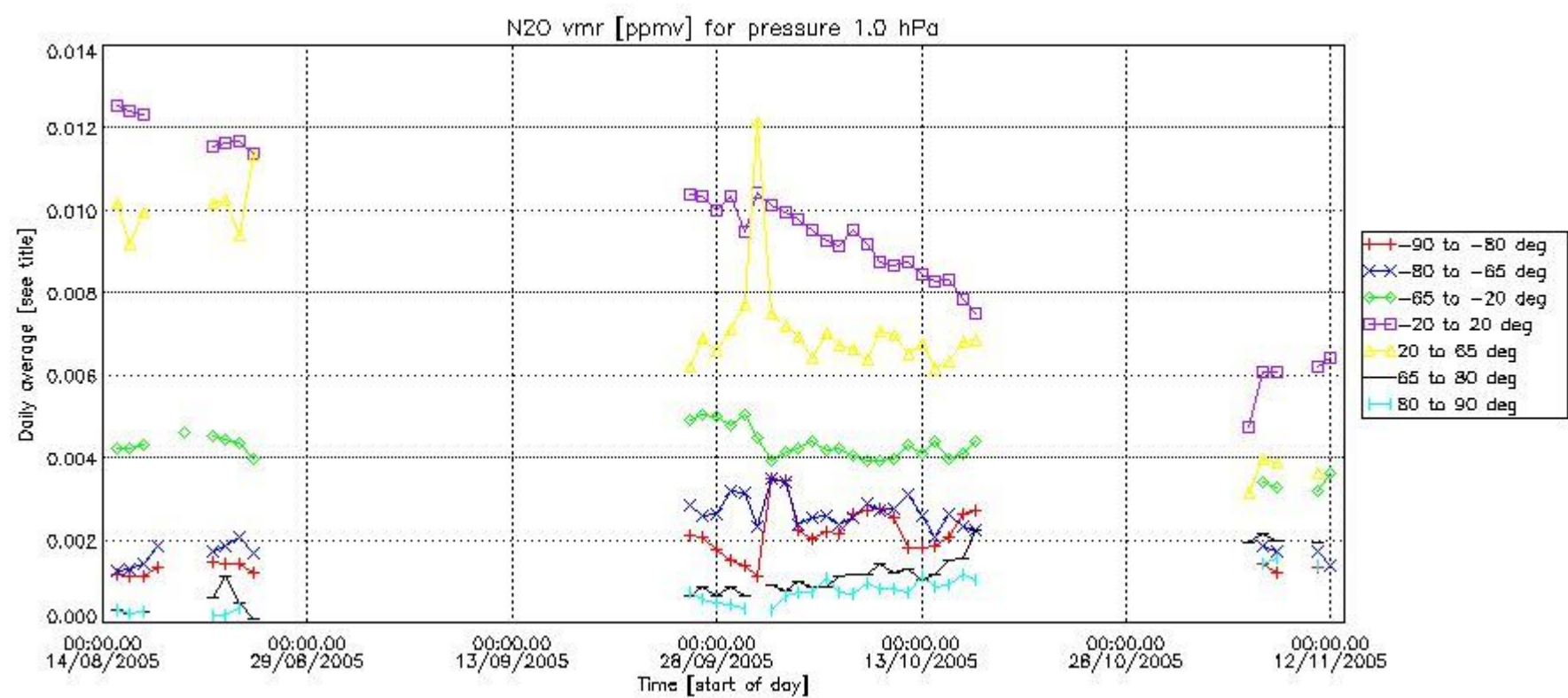
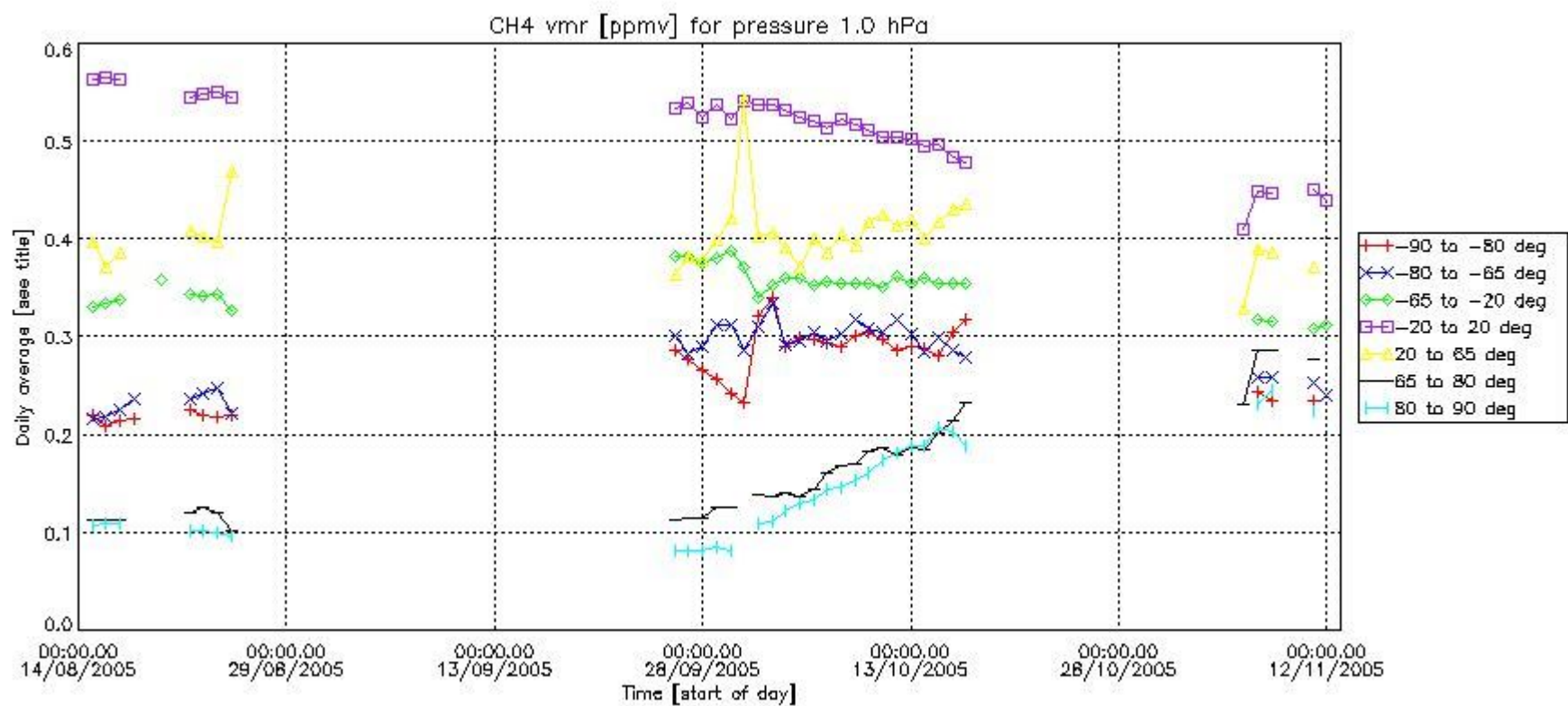


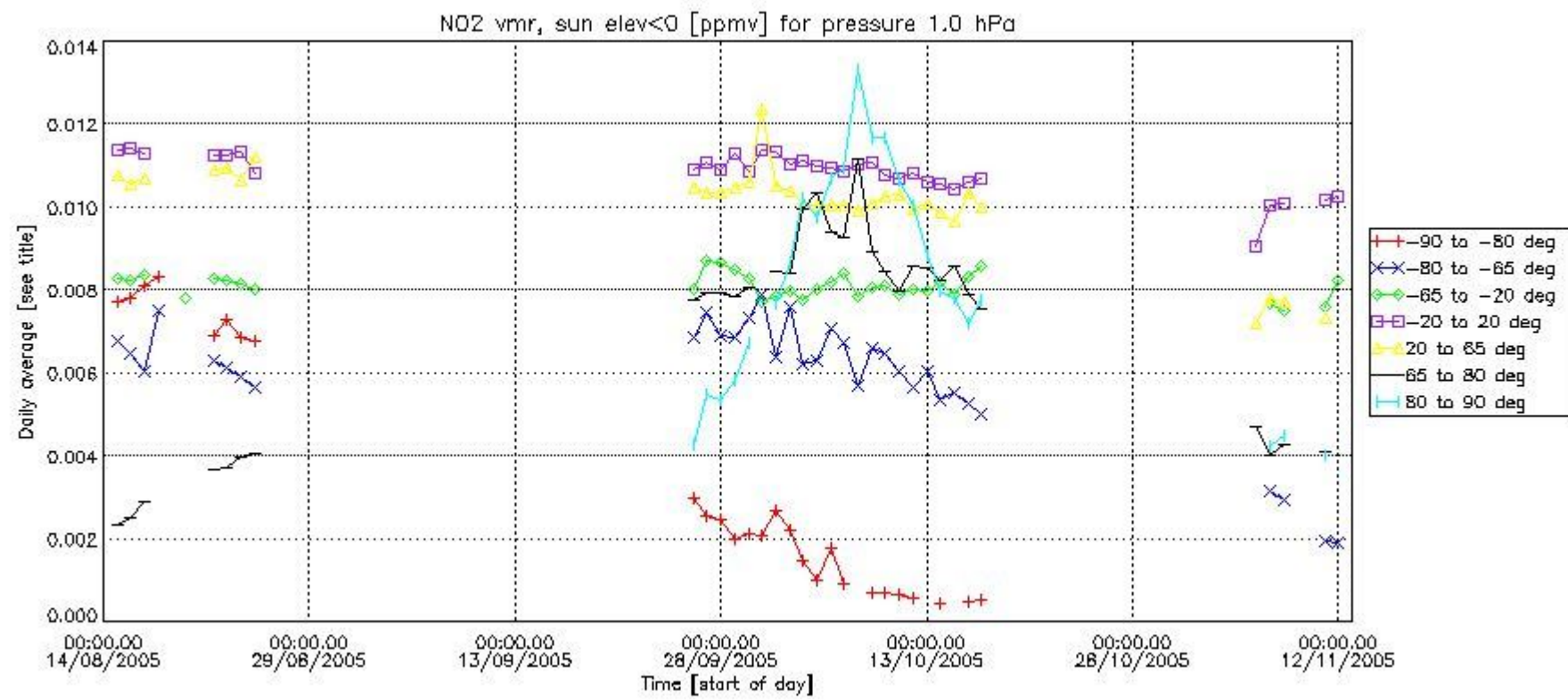
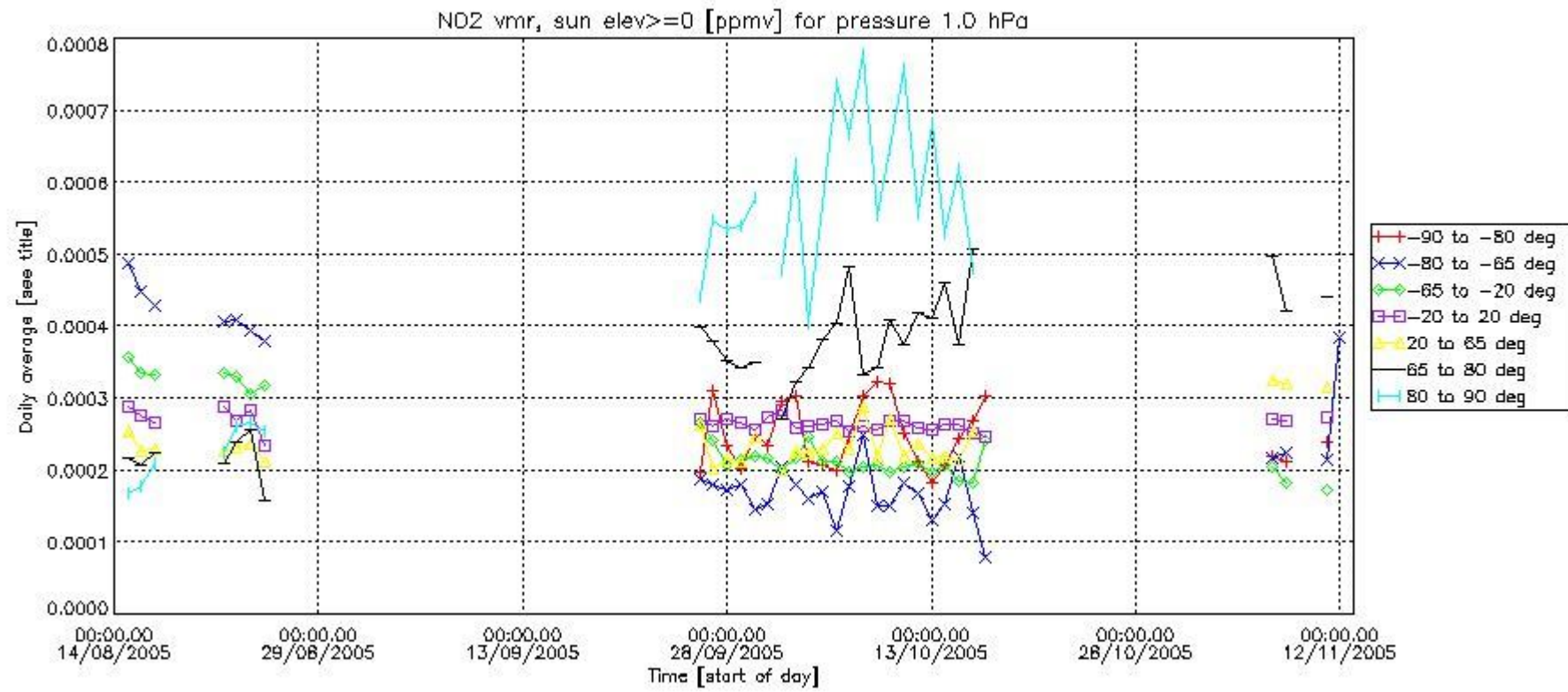


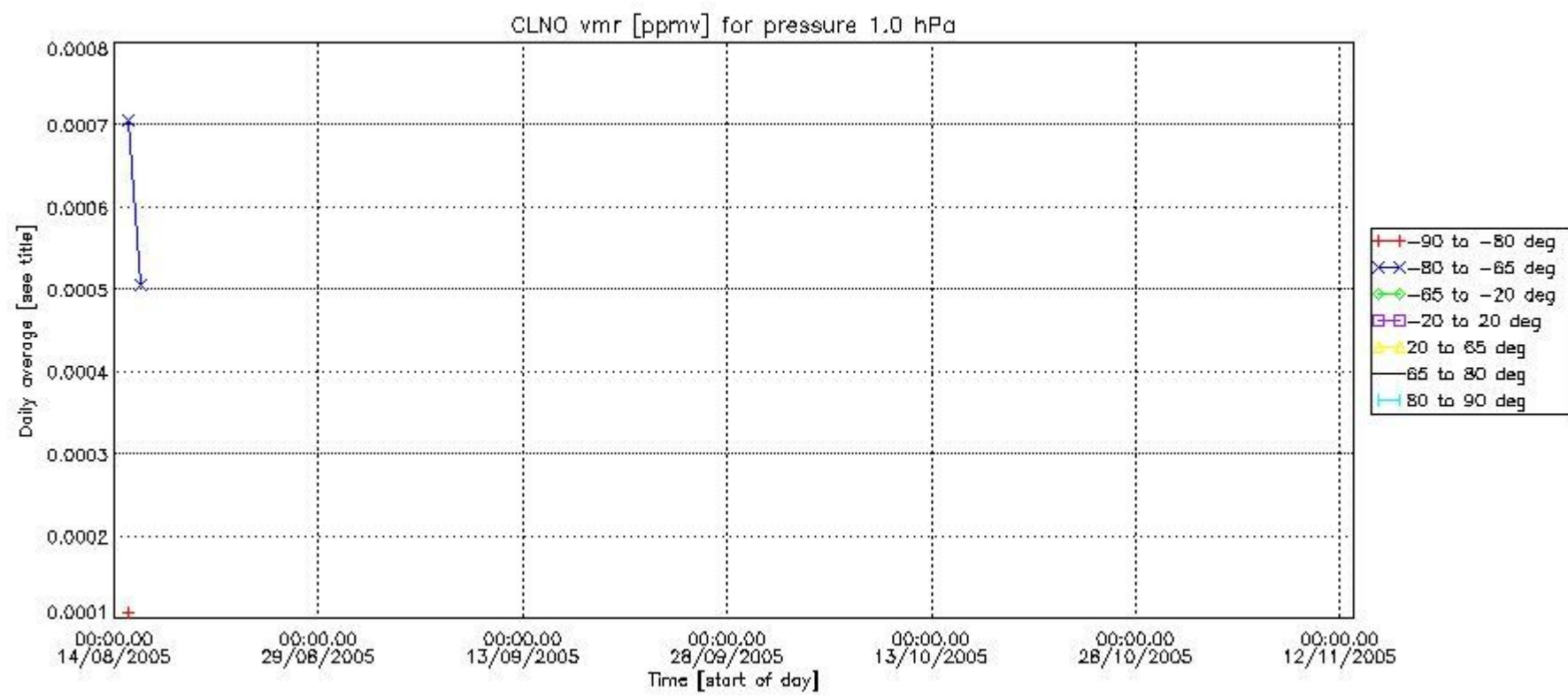
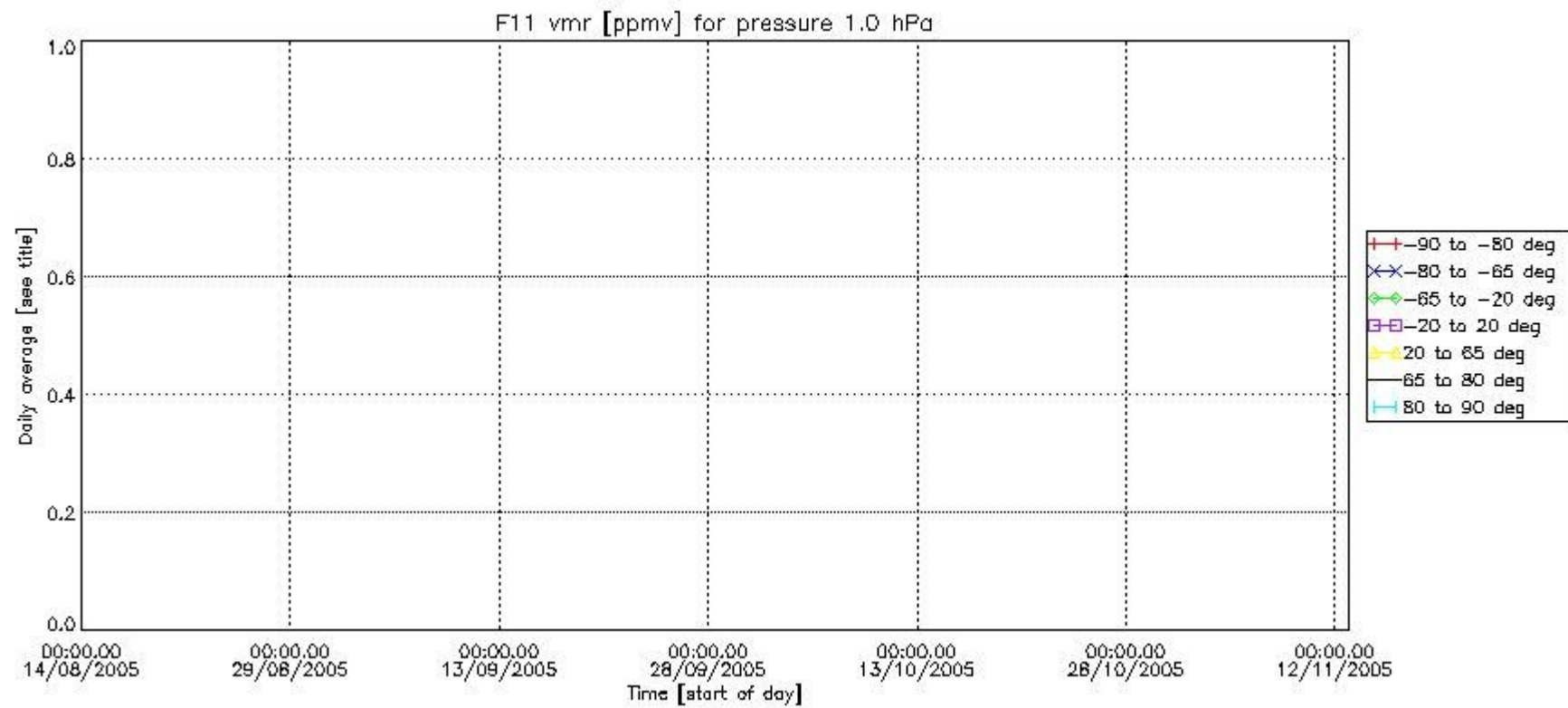


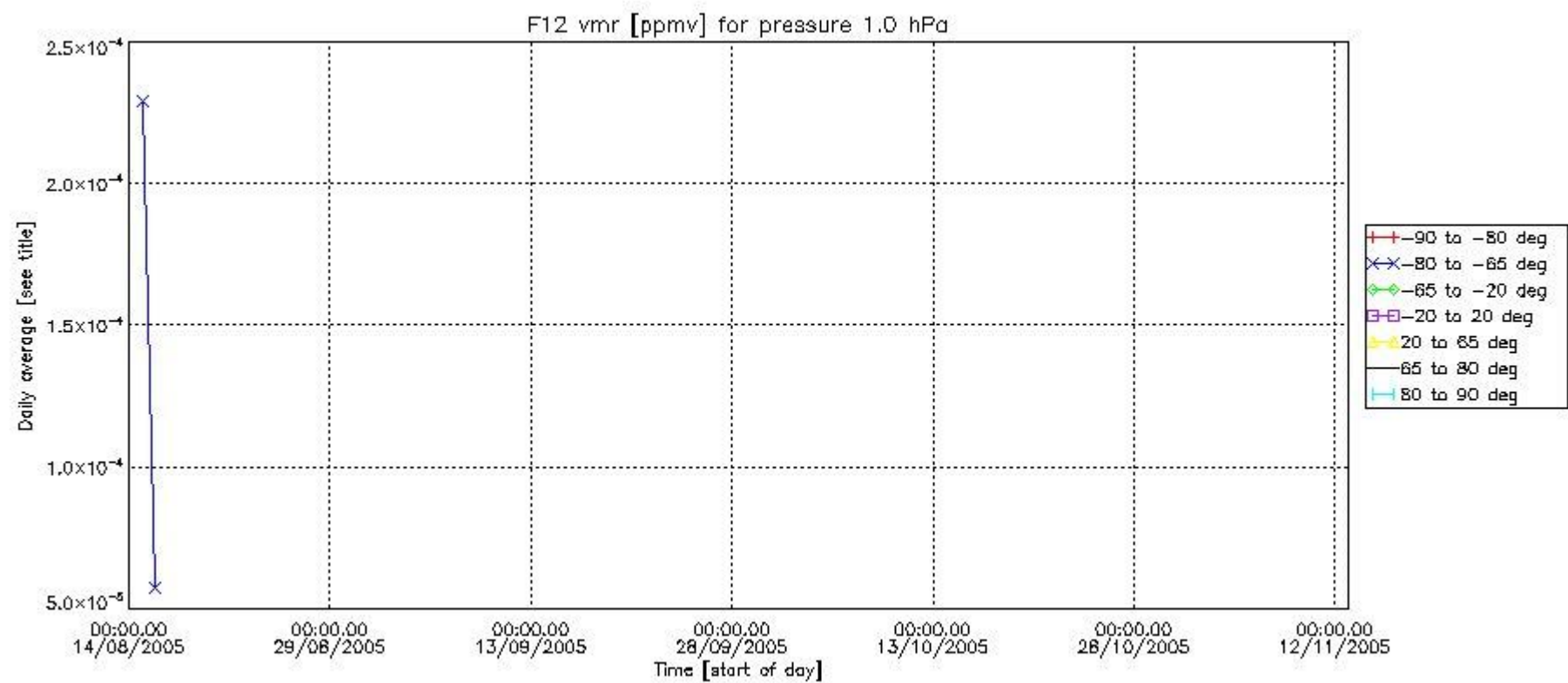
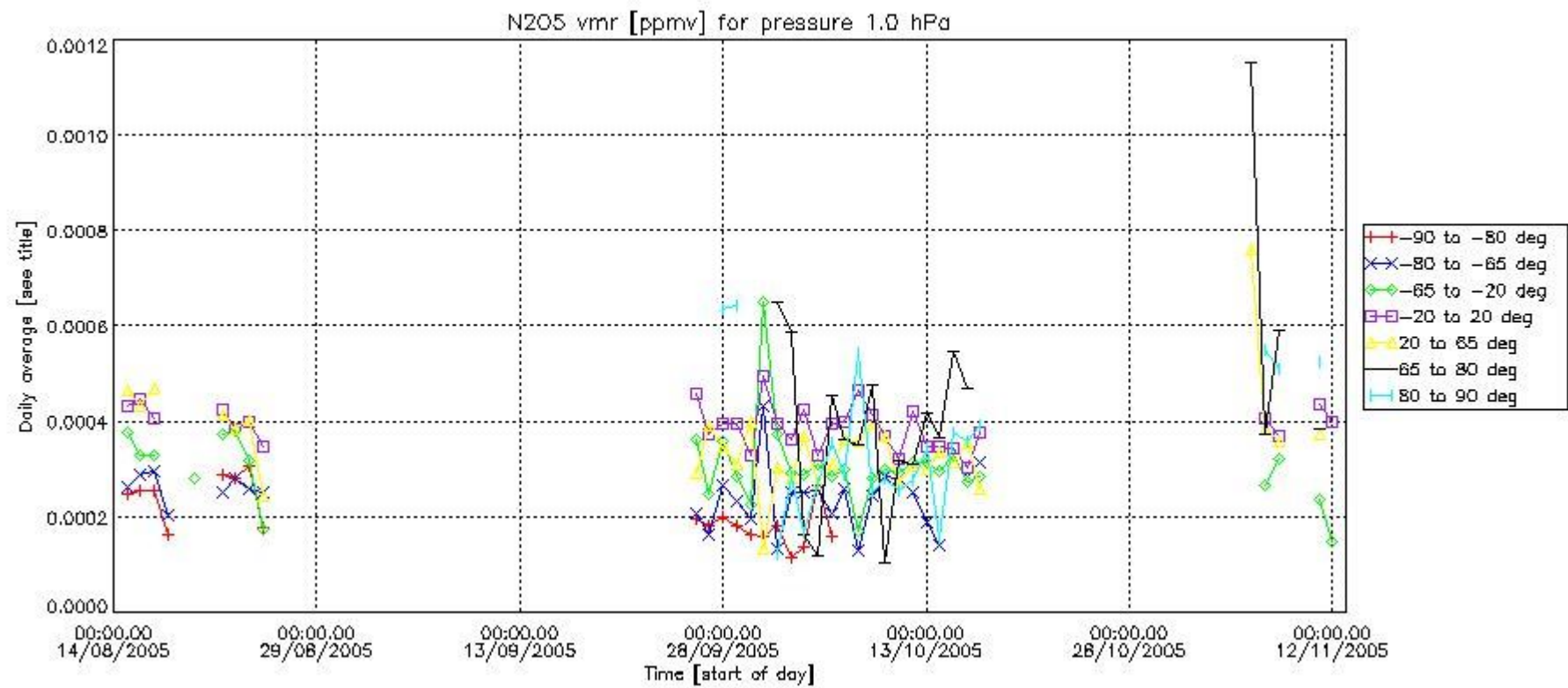


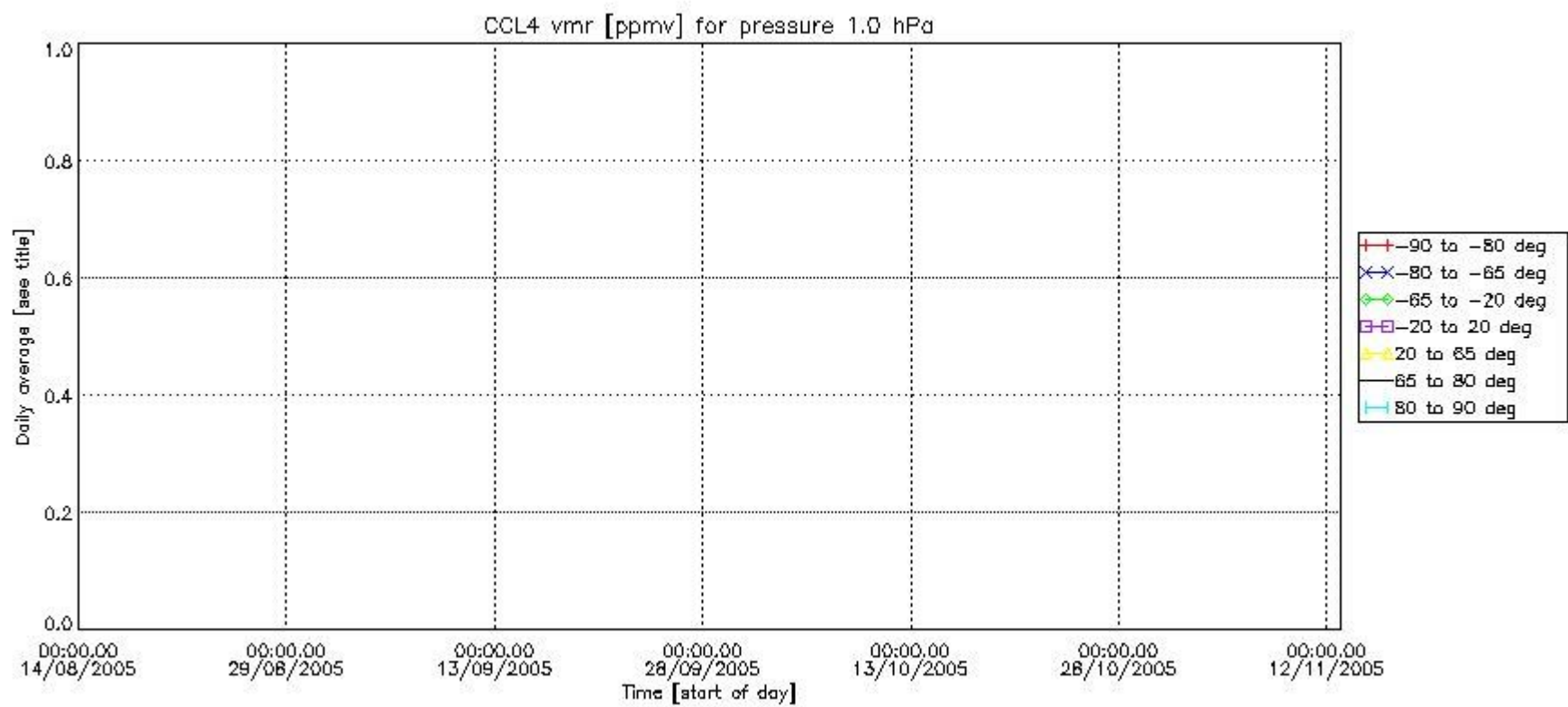
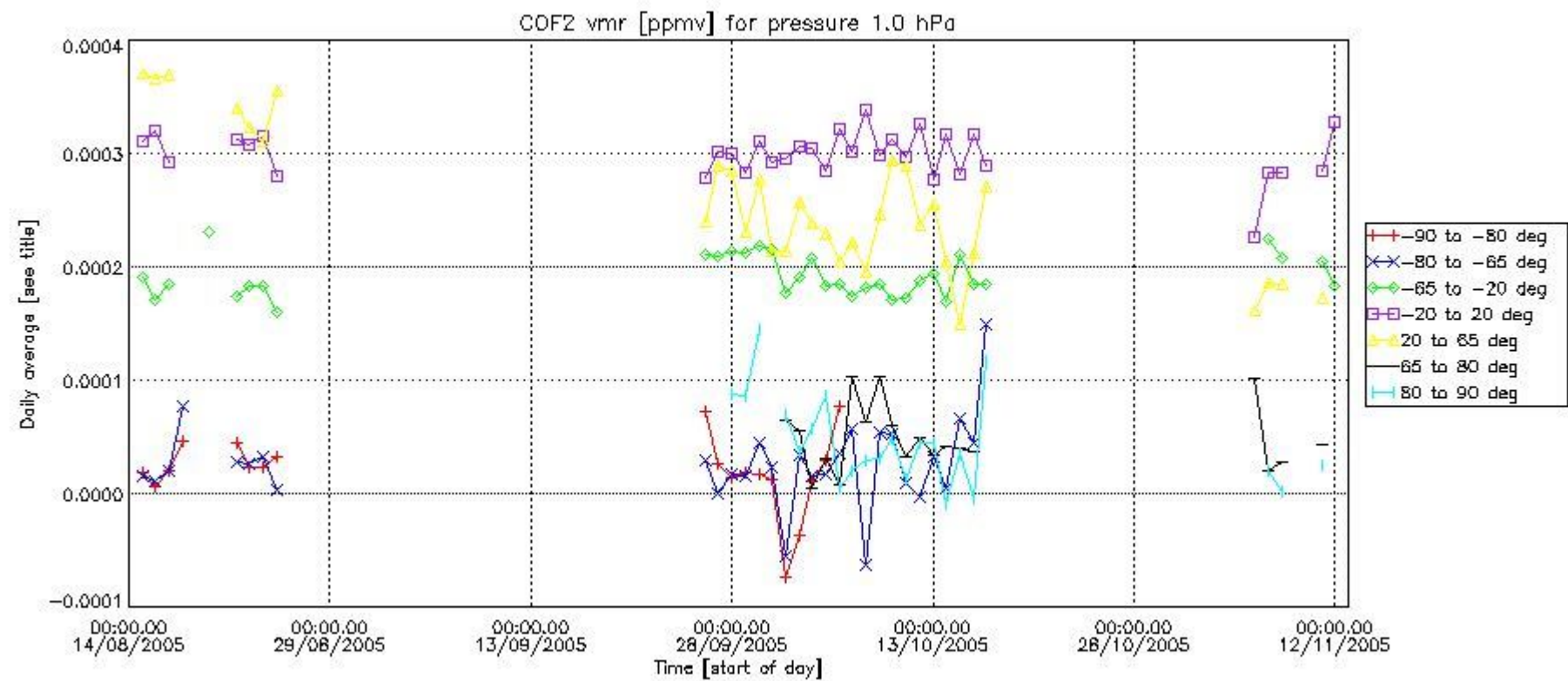


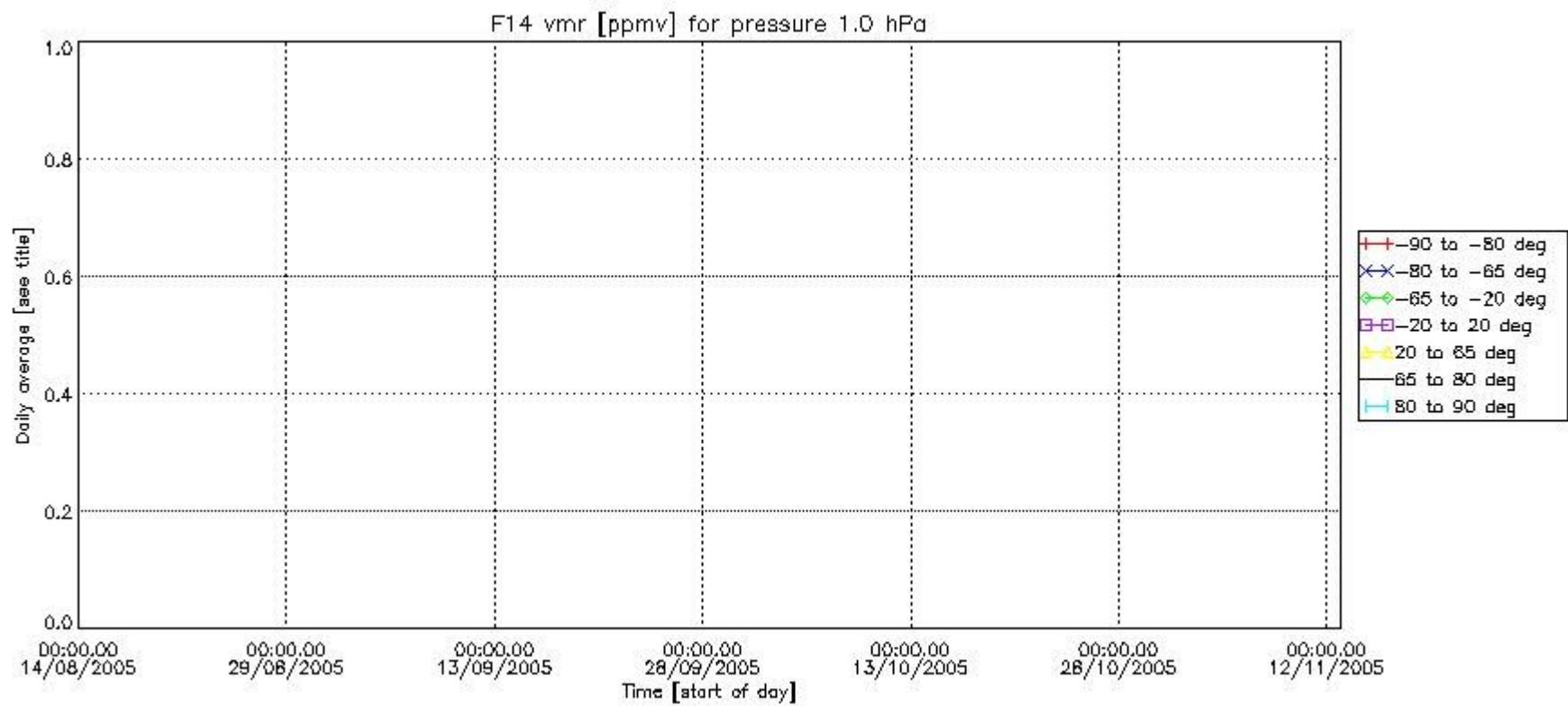
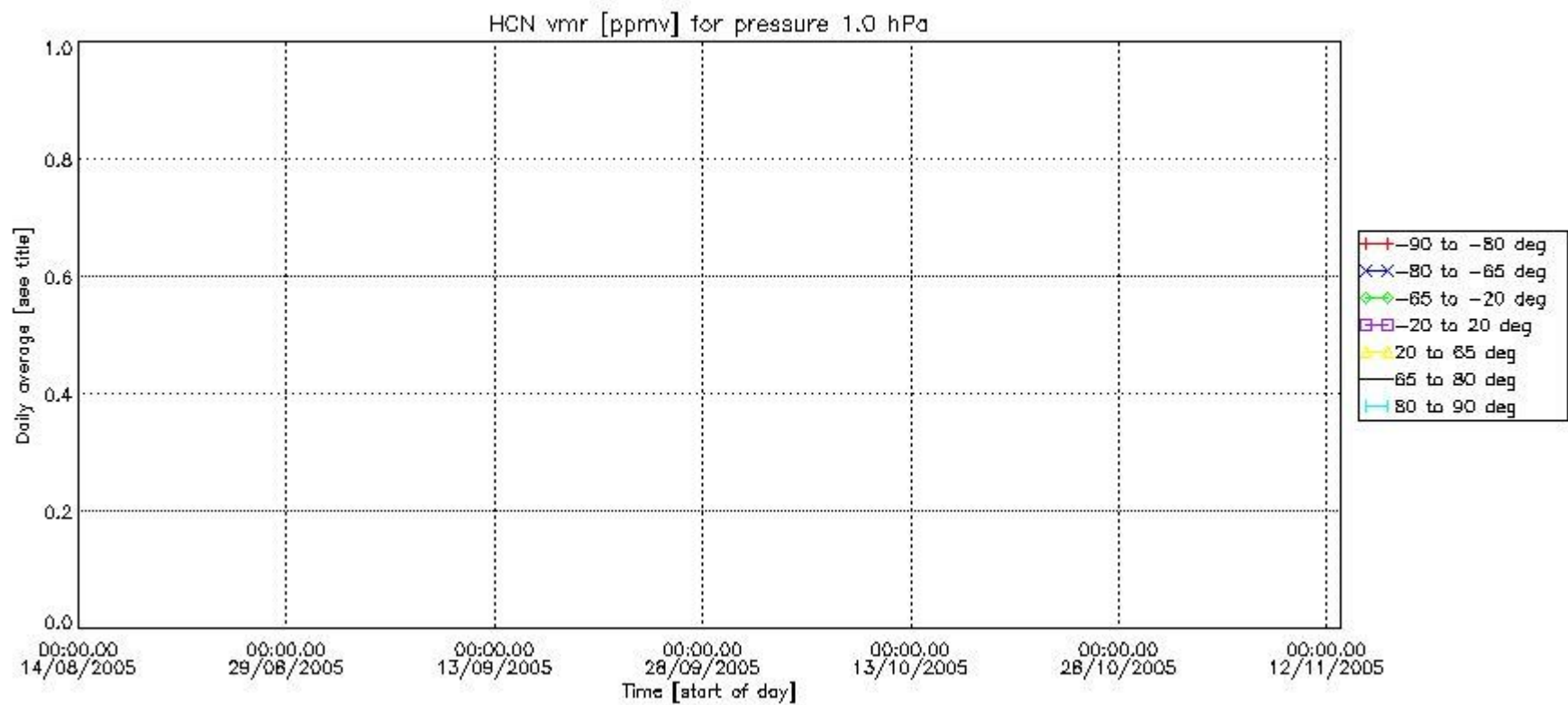


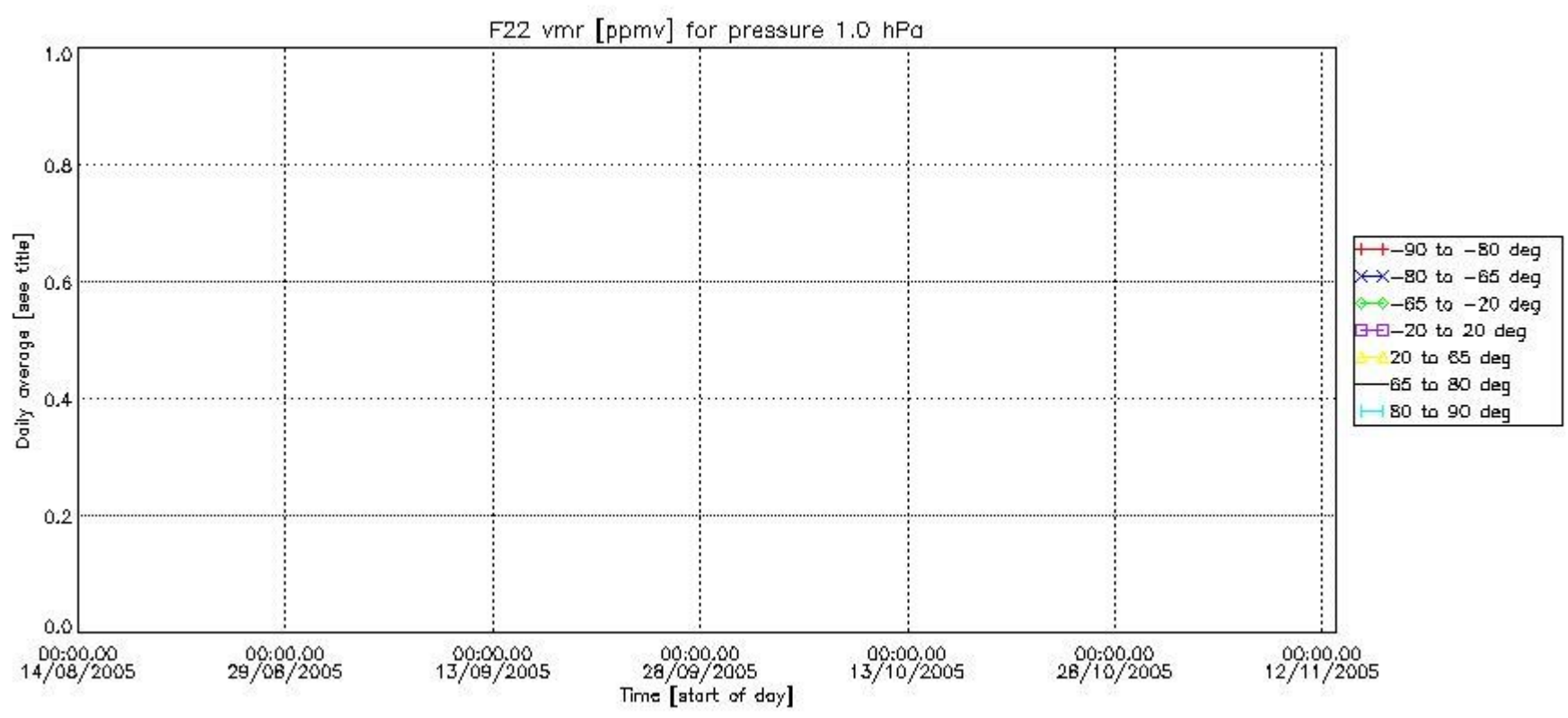












Number of successful retrievals vs. geolocation (*=day side , triangle=night side).

