

2. MIPAS Daily Report for level 2 products summary report

(See [mipas_daily_report_level2_ML2PP_7_03_W_20051016.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 15:46:44
Data source version	ML2PP/7.03-W
Processing scope for products	16OCT2005 00:00:00 to 17OCT2005 00:00:00
Start time of first product within scope	16OCT2005 06:58:18
Stop time of last product within scope	16OCT2005 21:58:04
Total number of level 2 products	7
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__2PWDSI20051016_065818_000028462041_00378_18969_1000.N1	16OCT2005 06:58:18	16OCT2005 07:45:44	0	63/63	VMR_TERM_MACRO_MICRO[CLNO/macro:1]
1	MIP_NL__2PWDSI20051016_074634_000060302041_00379_18970_1000.N1	16OCT2005 07:46:34	16OCT2005 09:27:04	0	128/128	VMR_TERM_MACRO_MICRO[HCN/macro:1; F14/micro:1]
2	MIP_NL__2PWDSI20051016_092710_000060302041_00380_18971_1000.N1	16OCT2005 09:27:10	16OCT2005 11:07:40	0	128/128	VMR_TERM_MACRO_MICRO[F14/macro:2; HCN/micro:2]
3	MIP_NL__2PWDSI20051016_110746_000060352041_00381_18972_1000.N1	16OCT2005 11:07:46	16OCT2005 12:48:22	0	133/133	VMR_TERM_MACRO_MICRO[F14/macro:2; H2O/micro:1; HCN/micro:2]
4	MIP_NL__2PWDSI20051016_124828_000005062041_00382_18973_1000.N1	16OCT2005 12:48:28	16OCT2005 12:56:54	0	11/11	
5	MIP_NL__2PWDSI20051016_202306_000028462041_00386_18977_1000.N1	16OCT2005 20:23:06	16OCT2005 21:10:32	0	63/63	VMR_TERM_MACRO_MICRO[HCN/macro:1; F14/macro:1]
6	MIP_NL__2PWDSI20051016_211122_000028022041_00387_18978_1000.N1	16OCT2005 21:11:22	16OCT2005 21:58:04	0	62/62	

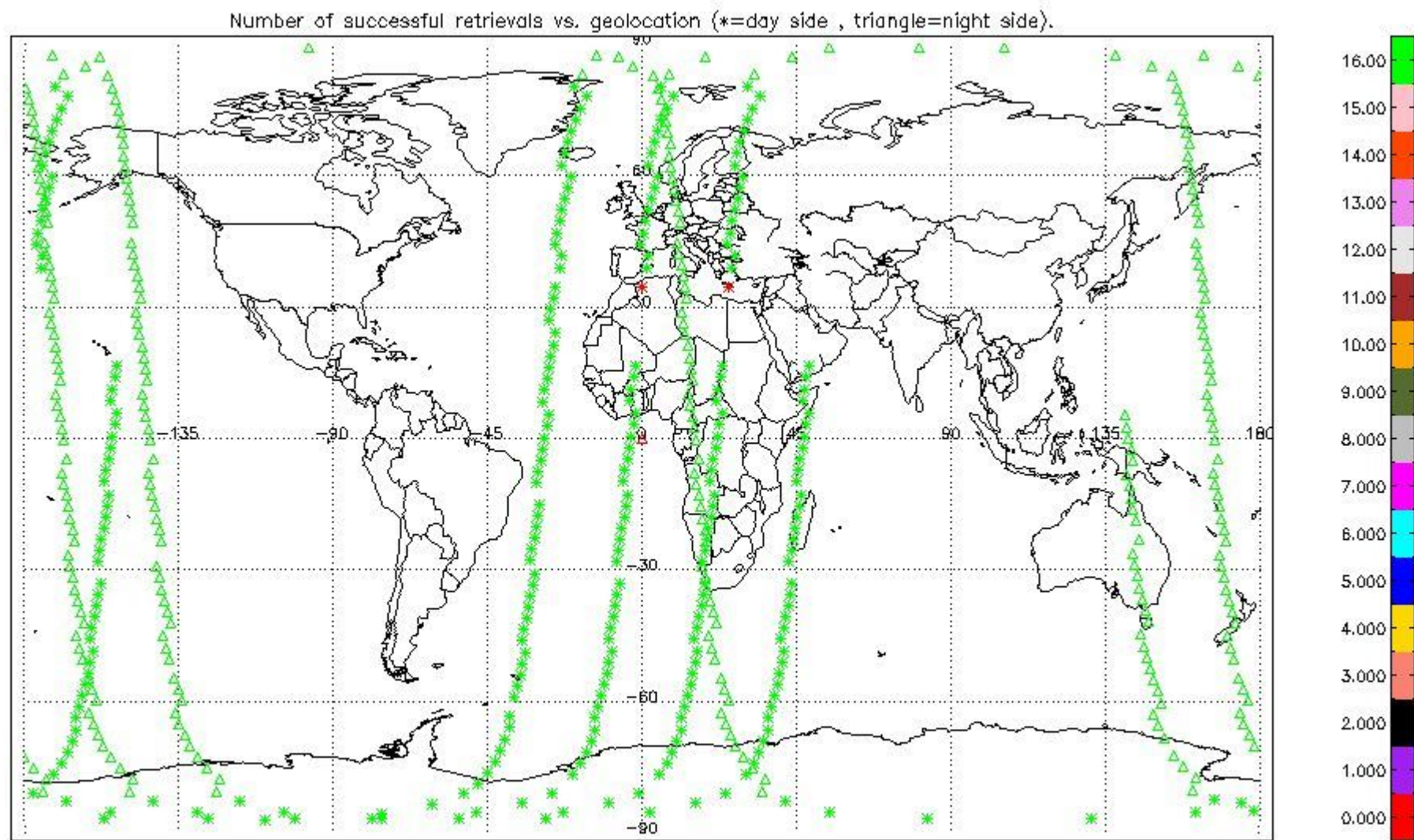
2.2 Processing performance indicators

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.

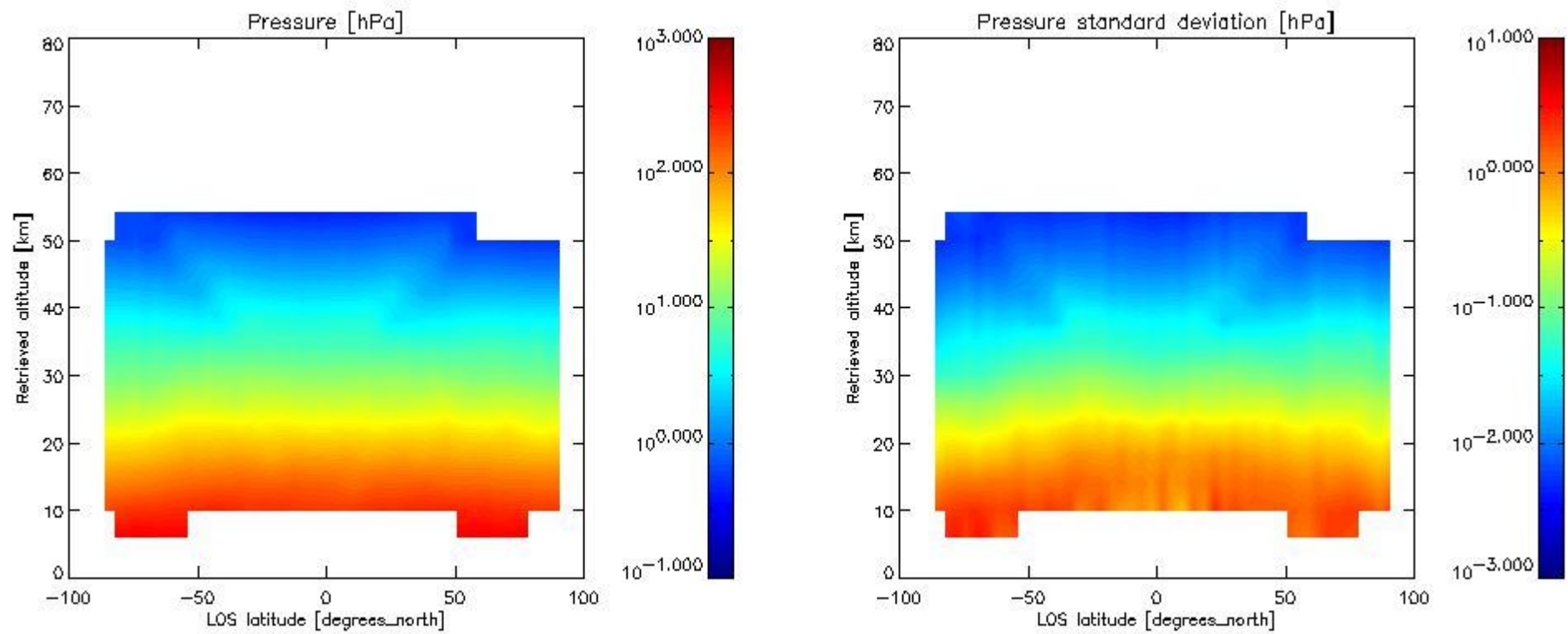
RETRIEVAL MDS	# scans processed	# Successful retrievals	%
PT	588	584	99.320
H2O	588	584	99.320
O3	588	584	99.320

HNO3	588	584	99.320
CH4	588	584	99.320
N2O	588	584	99.320
NO2	588	584	99.320
F11	588	584	99.320
CLNO	588	584	99.320
N2O5	588	584	99.320
F12	588	584	99.320
COF2	588	584	99.320
CCL4	588	584	99.320
HCN	588	584	99.320
F14	588	584	99.320
F22	588	584	99.320



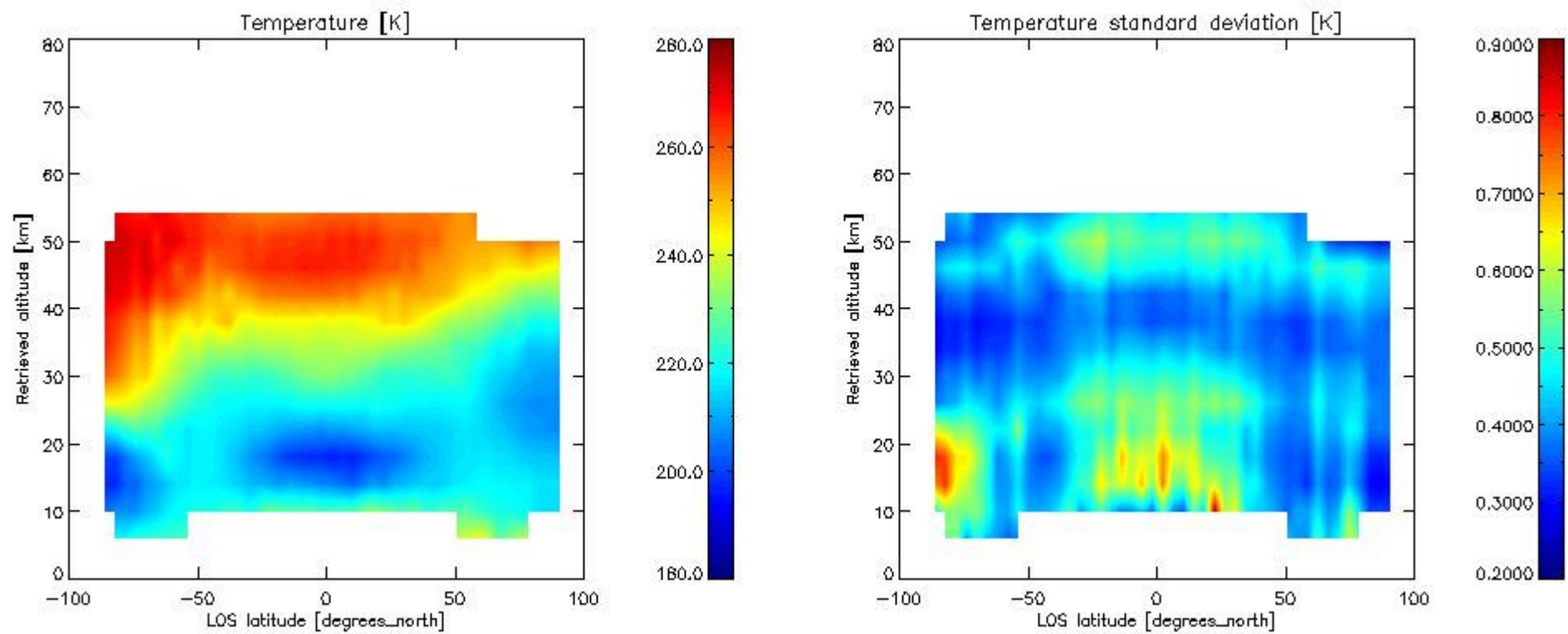
2.2.2 Pressure overview

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



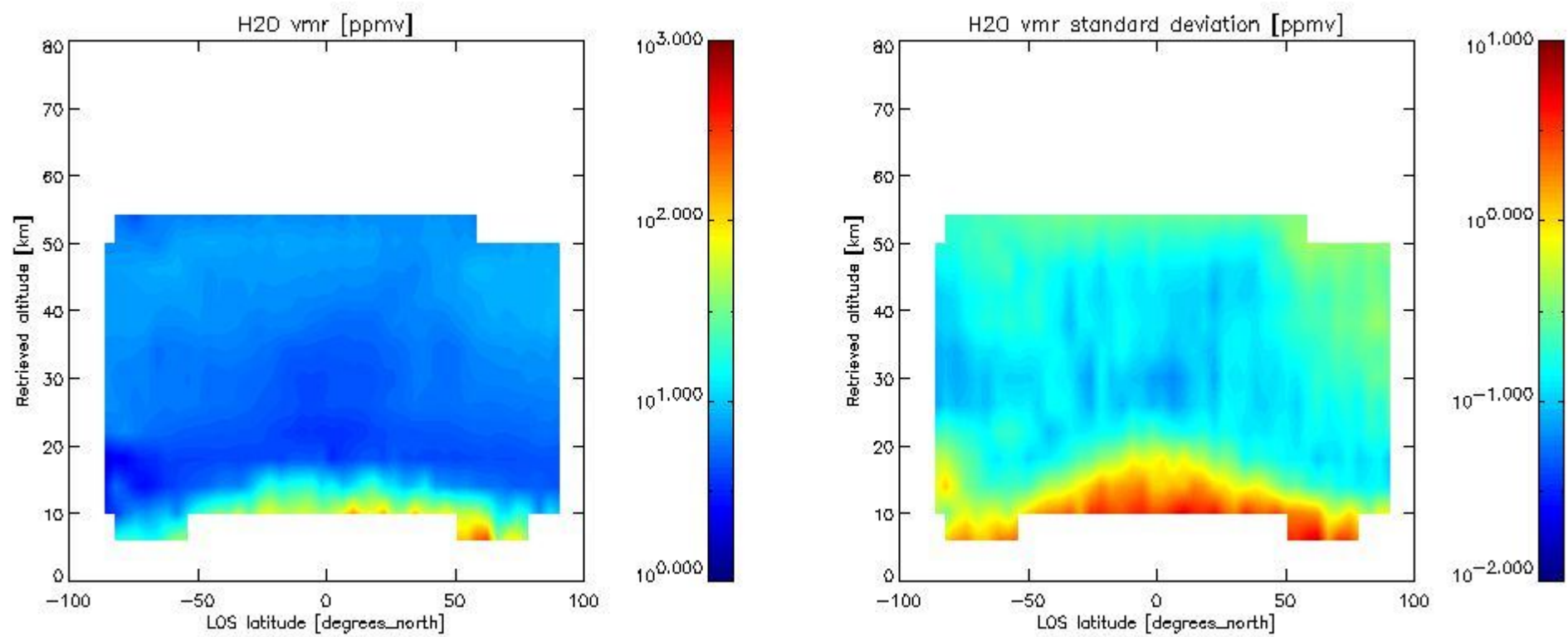
2.2.3 Temperature overview

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

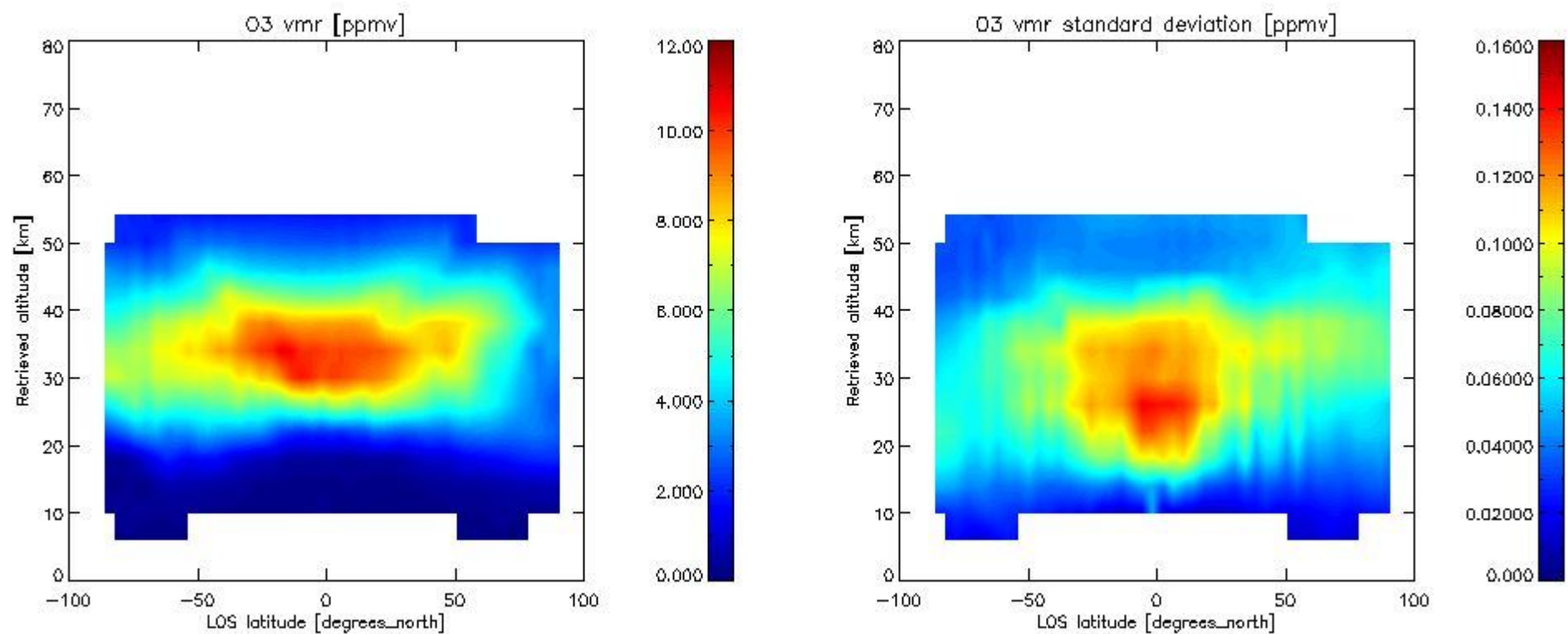


2.2.4 Species overview

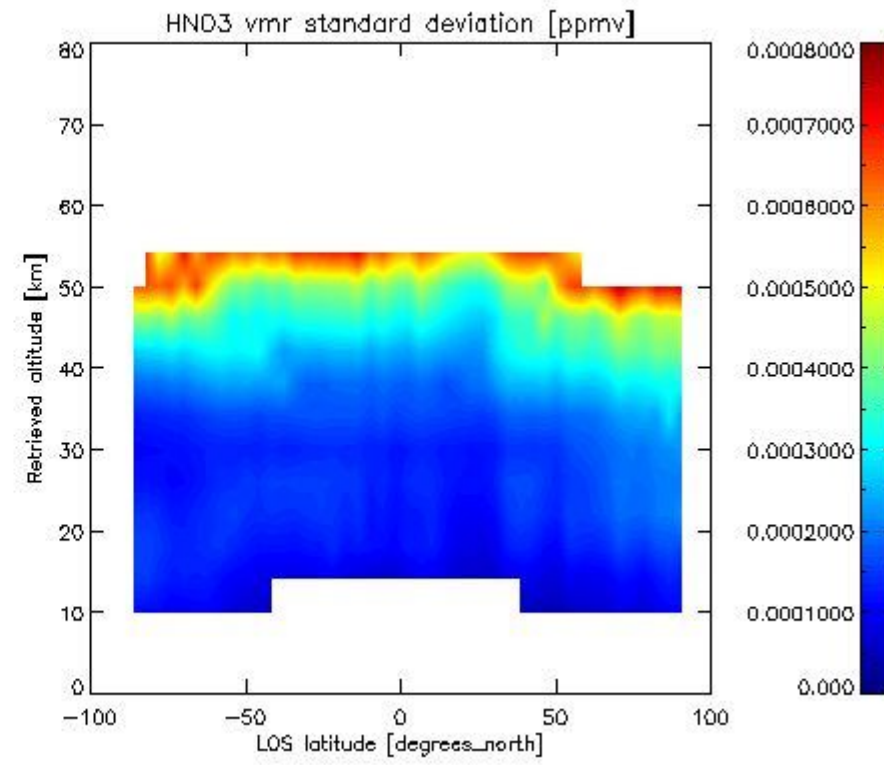
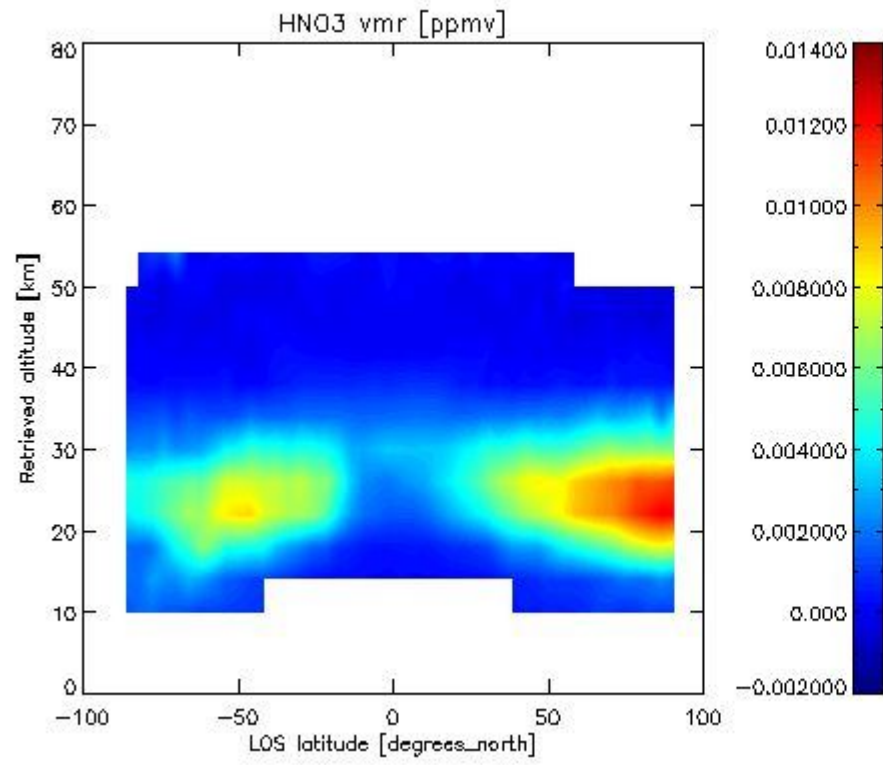
2.2.4.1 H2O overview This section shows values (left) and error (right) for H2O after binning individual sweep values over retrieved altitude and tangent latitude.



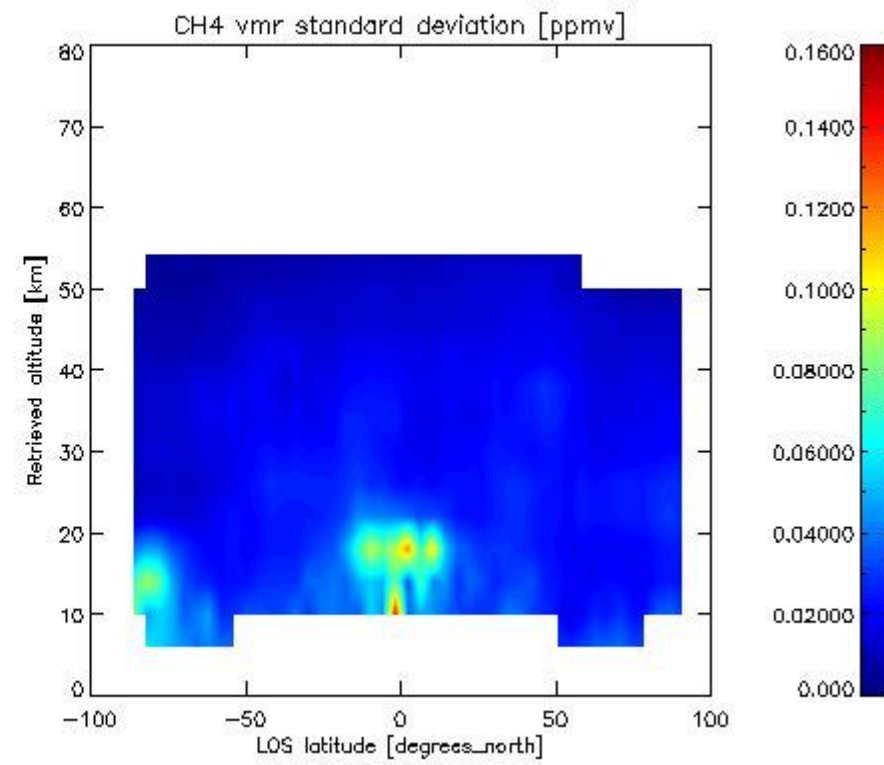
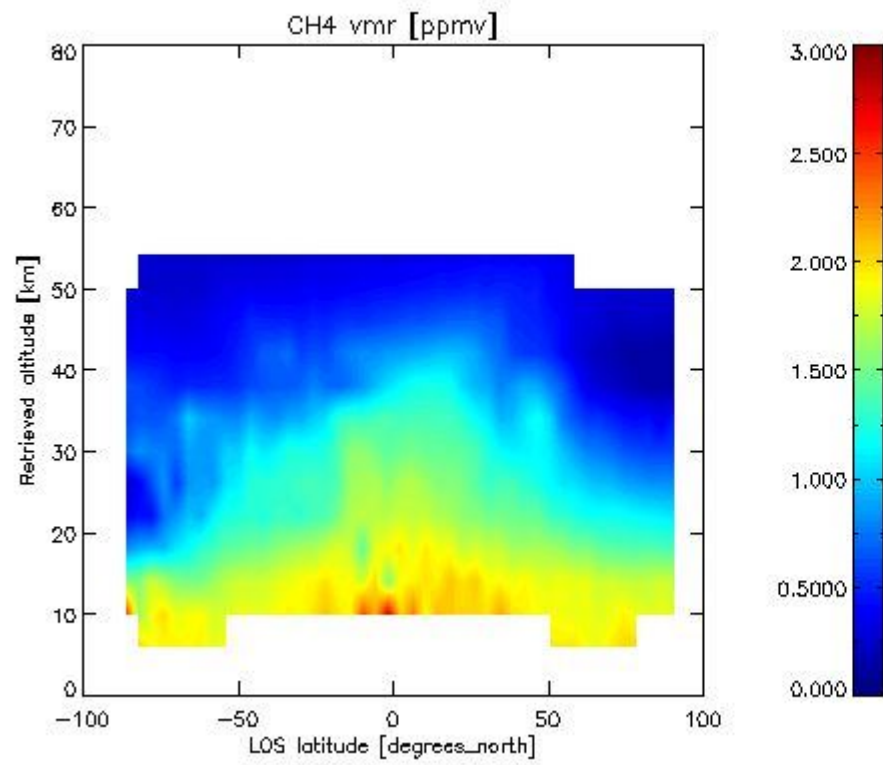
2.2.4.2 O3 overview This section shows values (left) and error (right) for O3 after binning individual sweep values over retrieved altitude and tangent latitude.



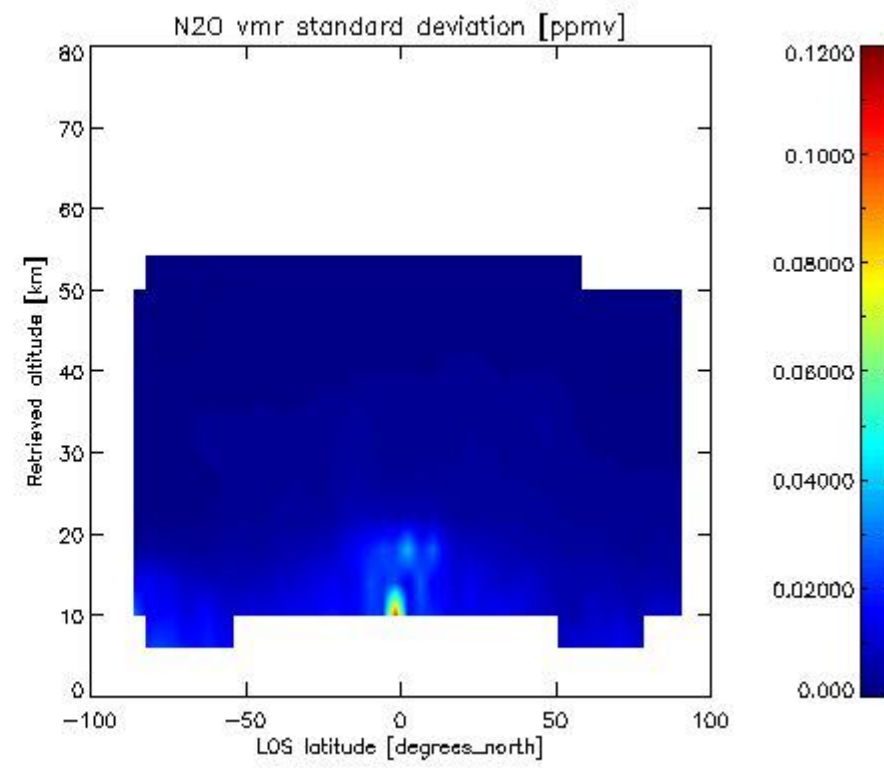
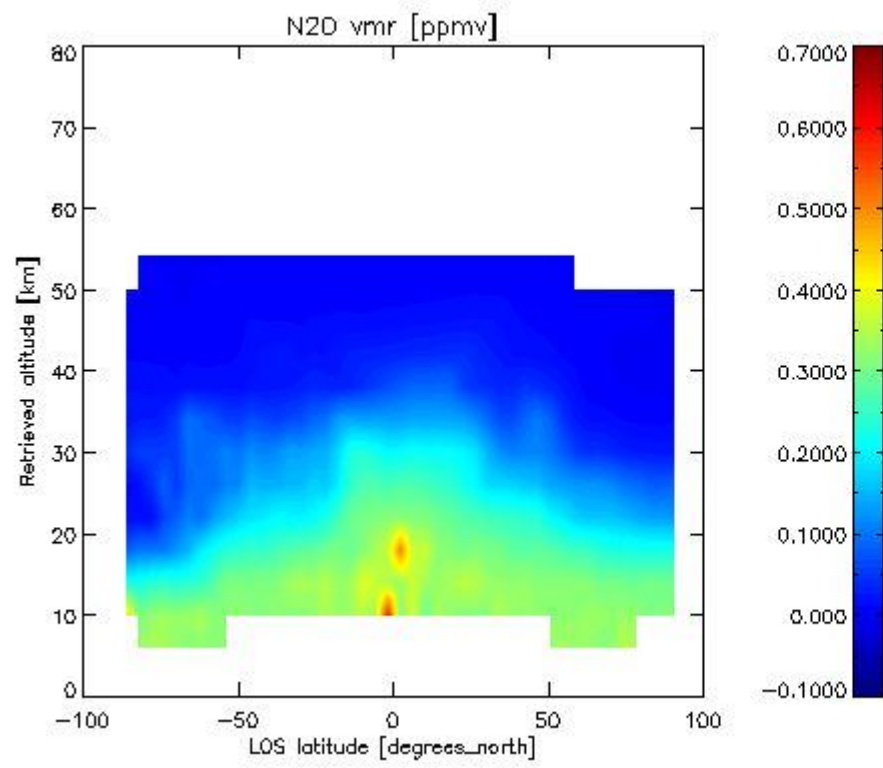
2.2.4.3 HNO3 overview This section shows values (left) and error (right) for HNO3 after binning individual sweep values over retrieved altitude and tangent latitude.



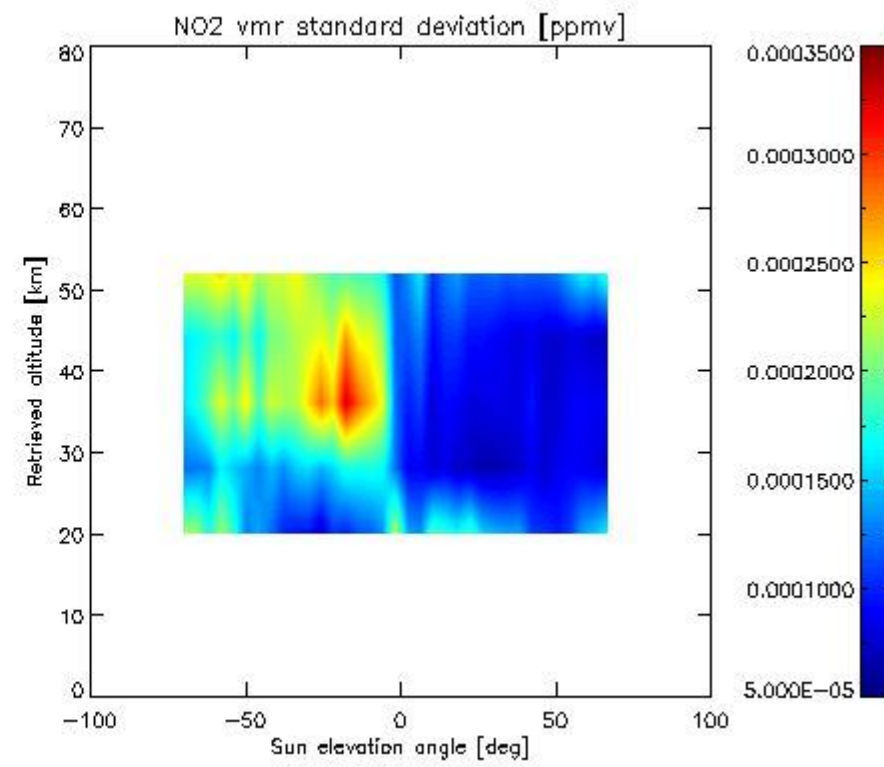
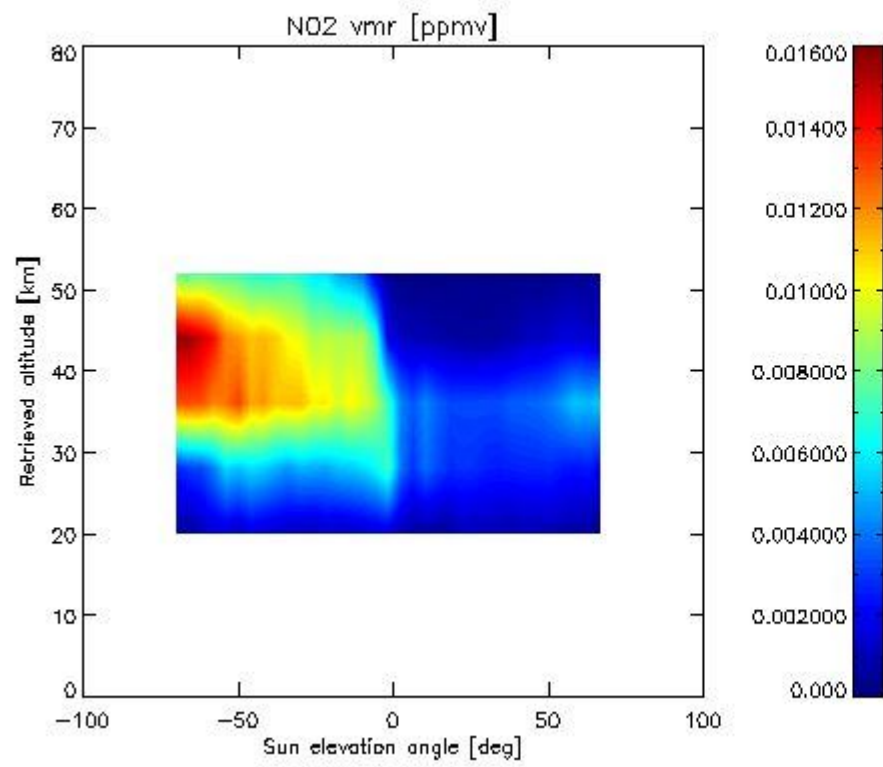
2.2.4.4 CH4 overview This section shows values (left) and error (right) for CH4 after binning individual sweep values over retrieved altitude and tangent latitude.



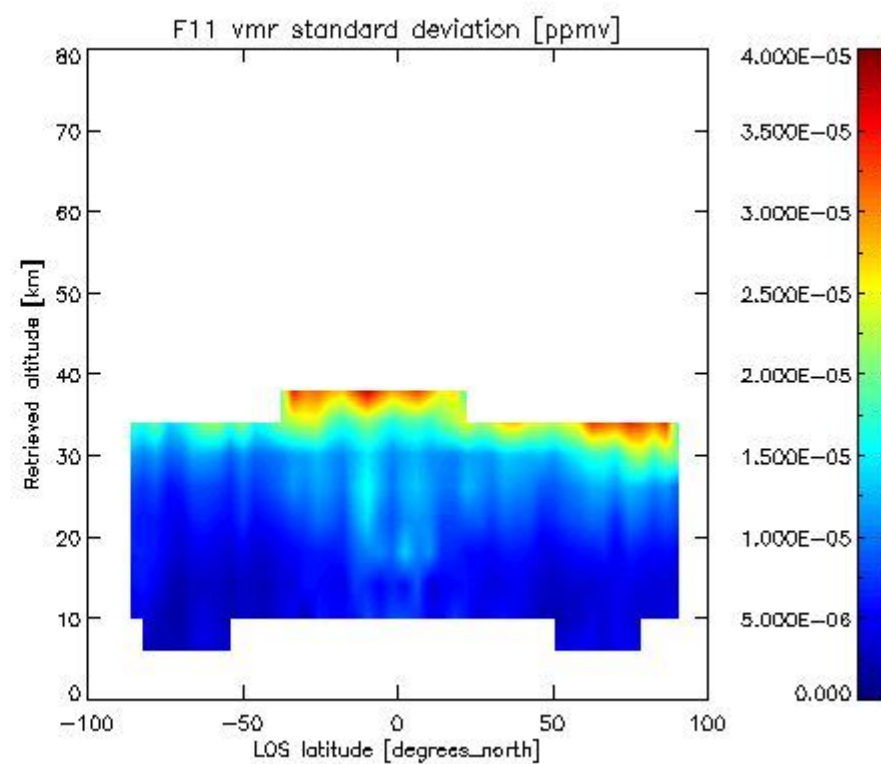
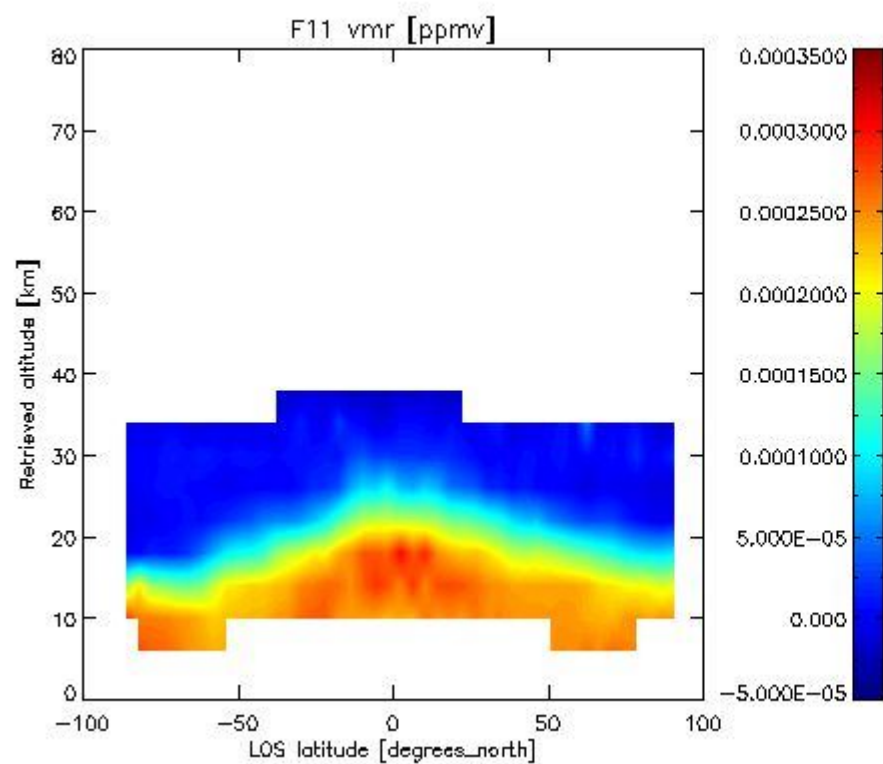
2.2.4.5 N2O overview This section shows values (left) and error (right) for N2O after binning individual sweep values over retrieved altitude and tangent latitude.



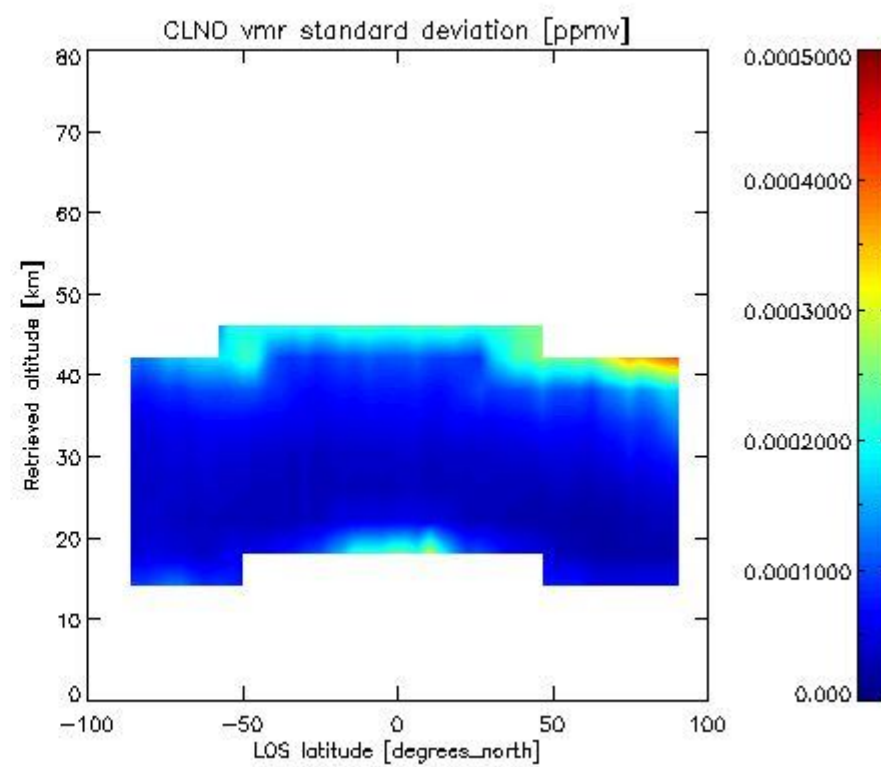
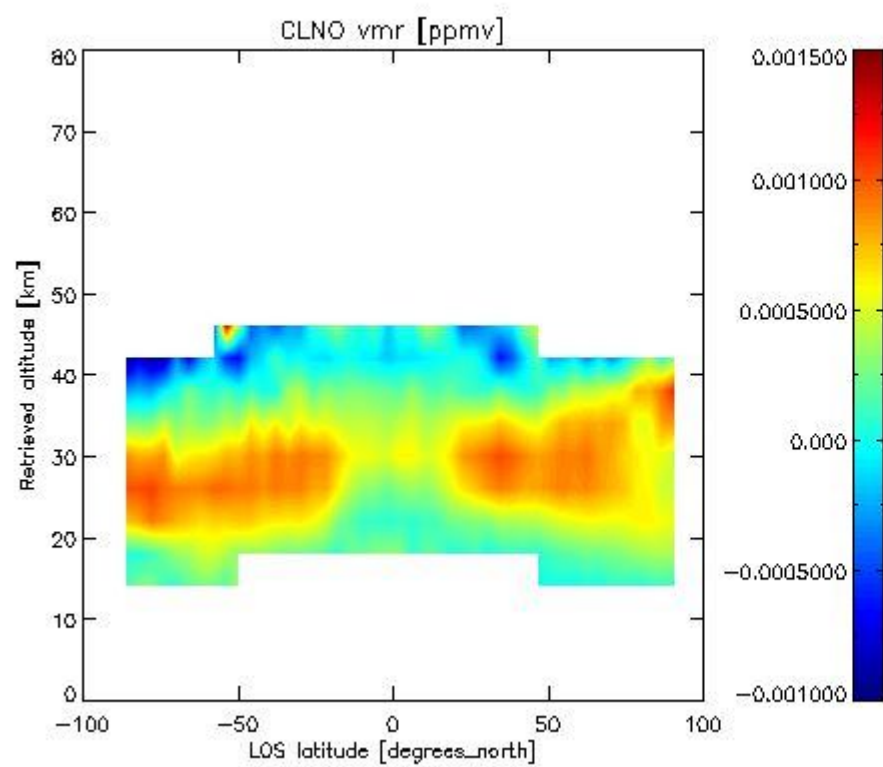
2.2.4.6 NO2 overview This section shows values (left) and error (right) for NO2 after binning individual sweep values over retrieved altitude and Sun Elevation Angle. Note that for NO2 the bin heights are 6 km.

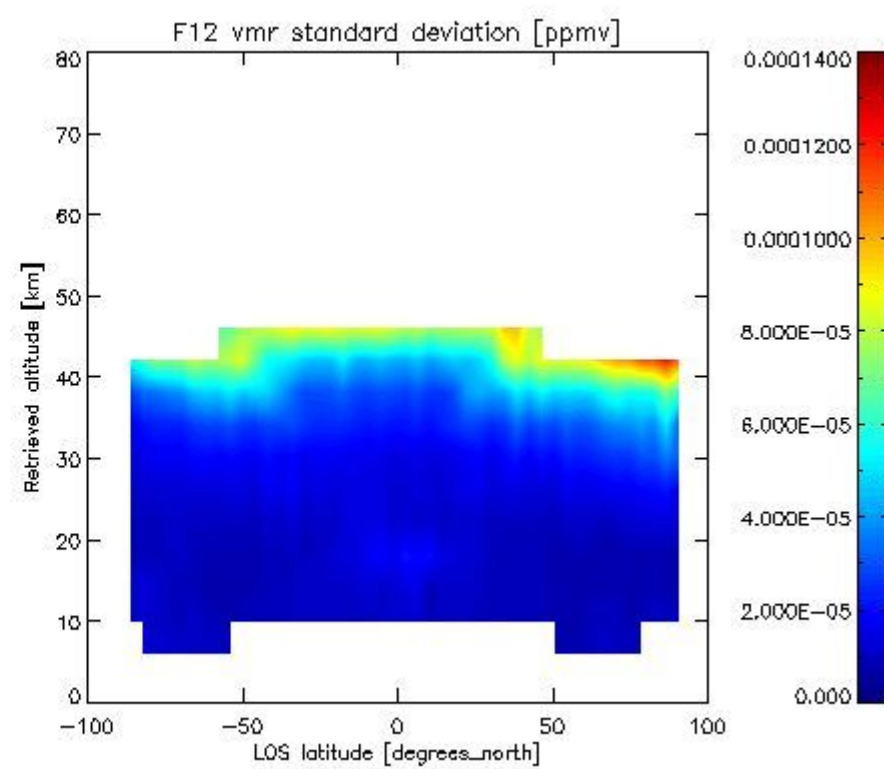
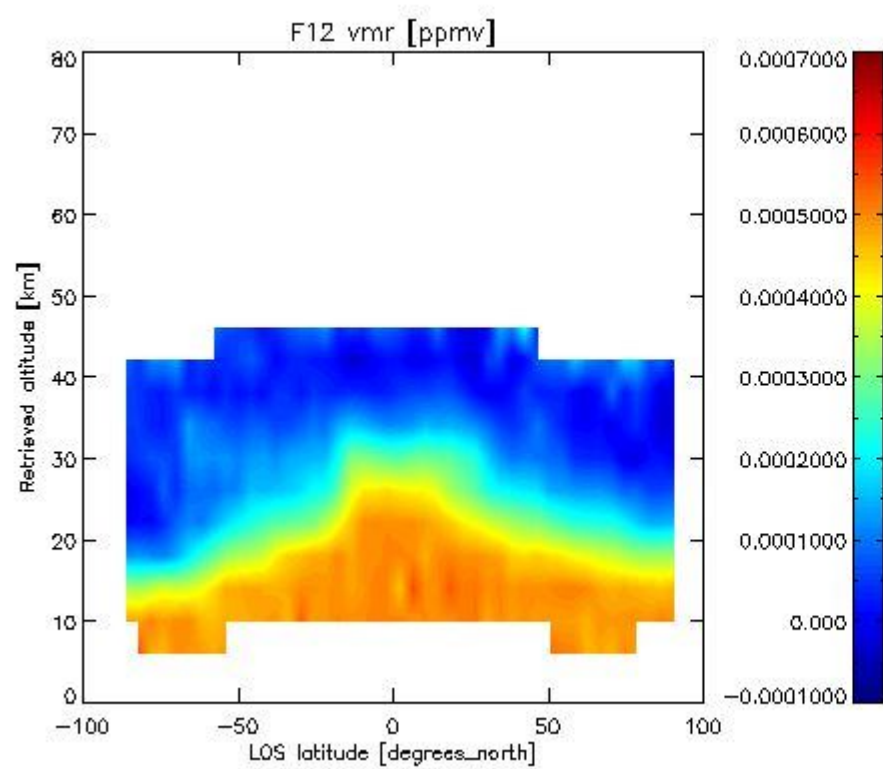
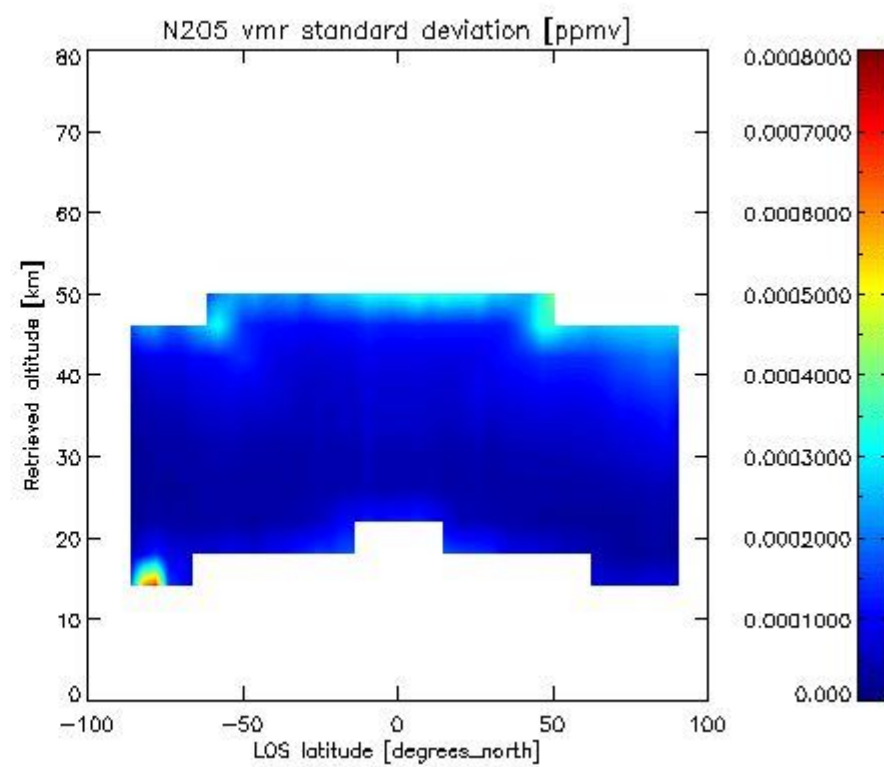
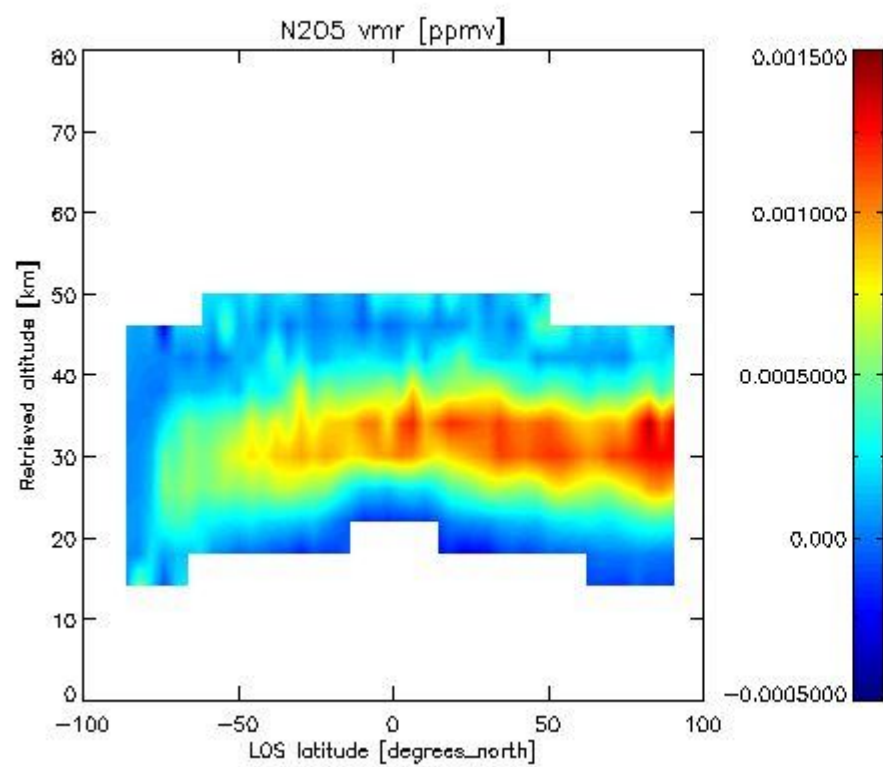


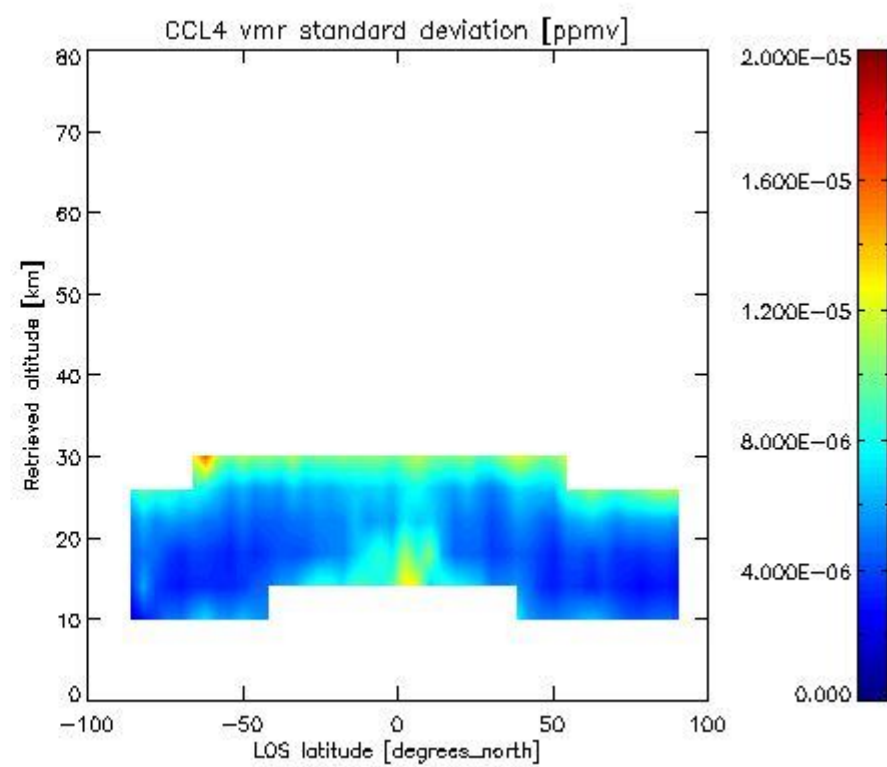
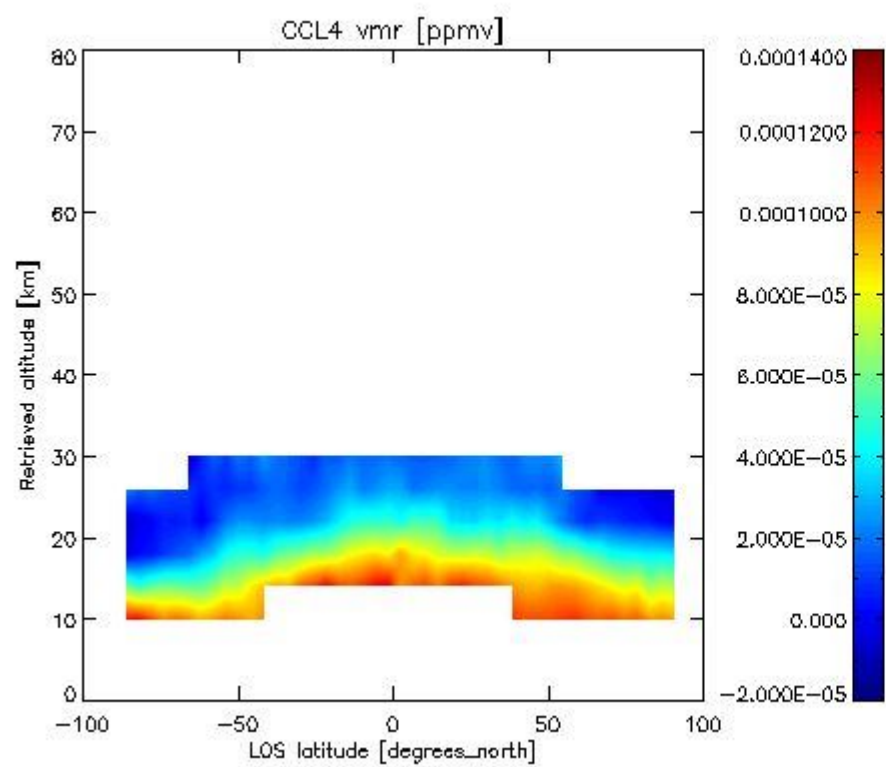
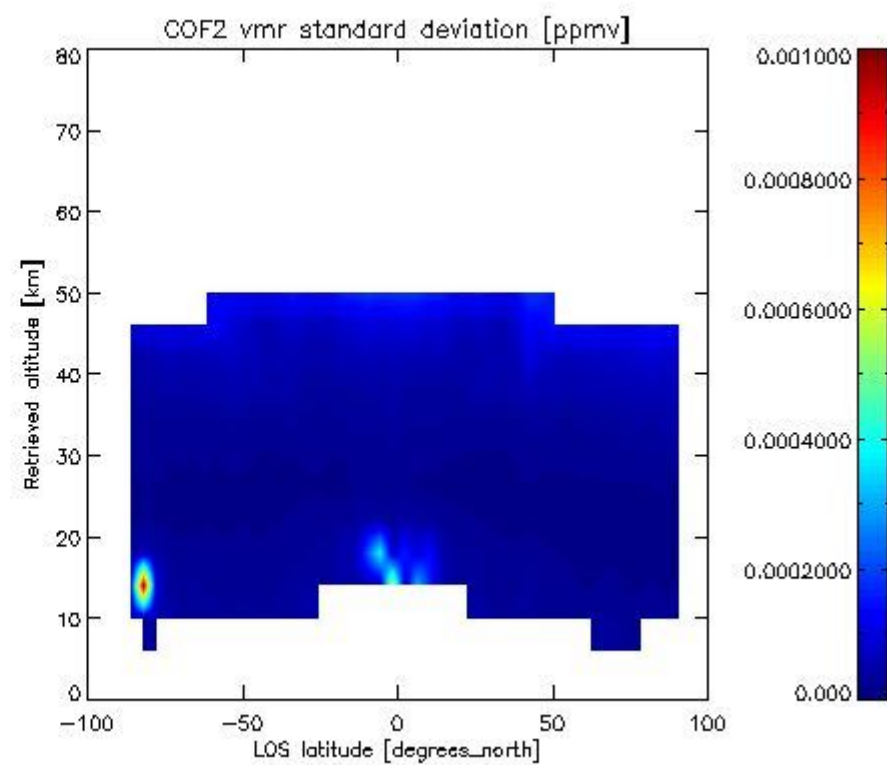
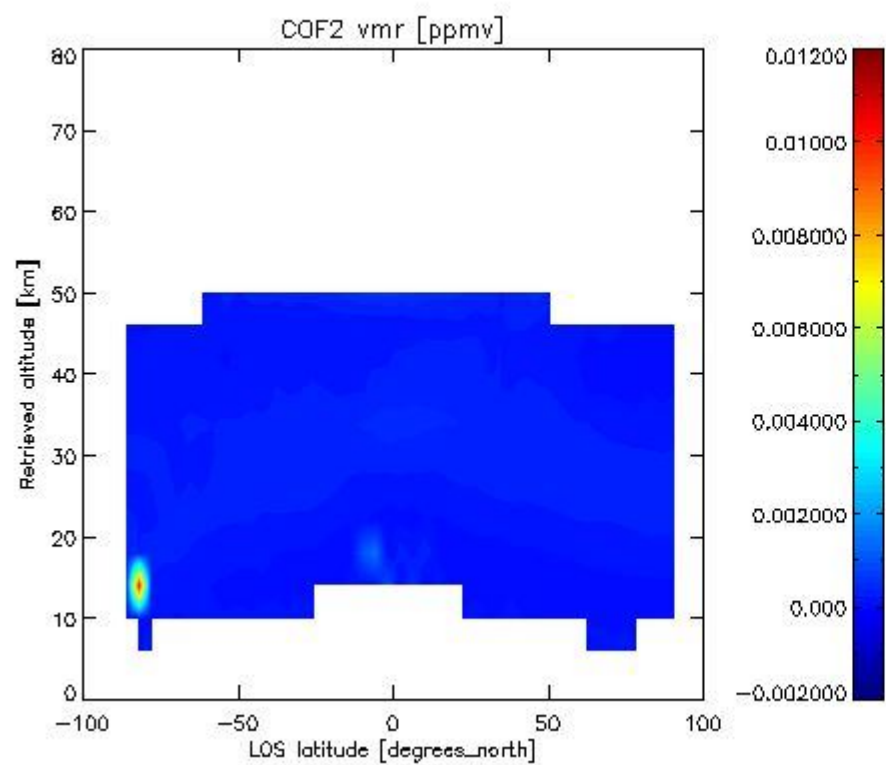
2.2.4.7 F11 overview This section shows values (left) and error (right) for F11 after binning individual sweep values over retrieved altitude and tangent latitude.

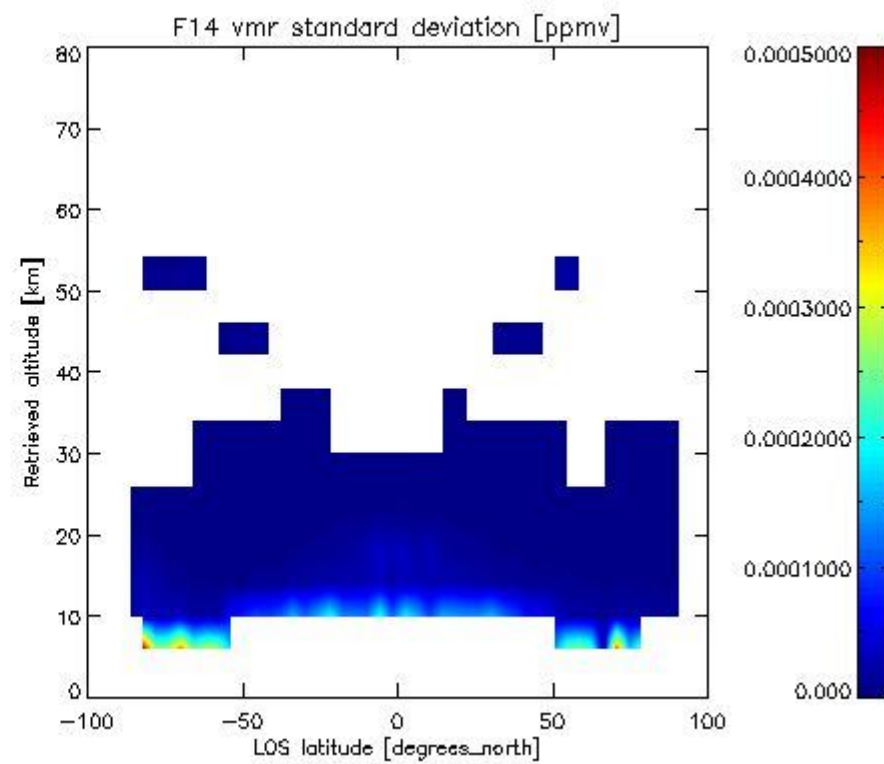
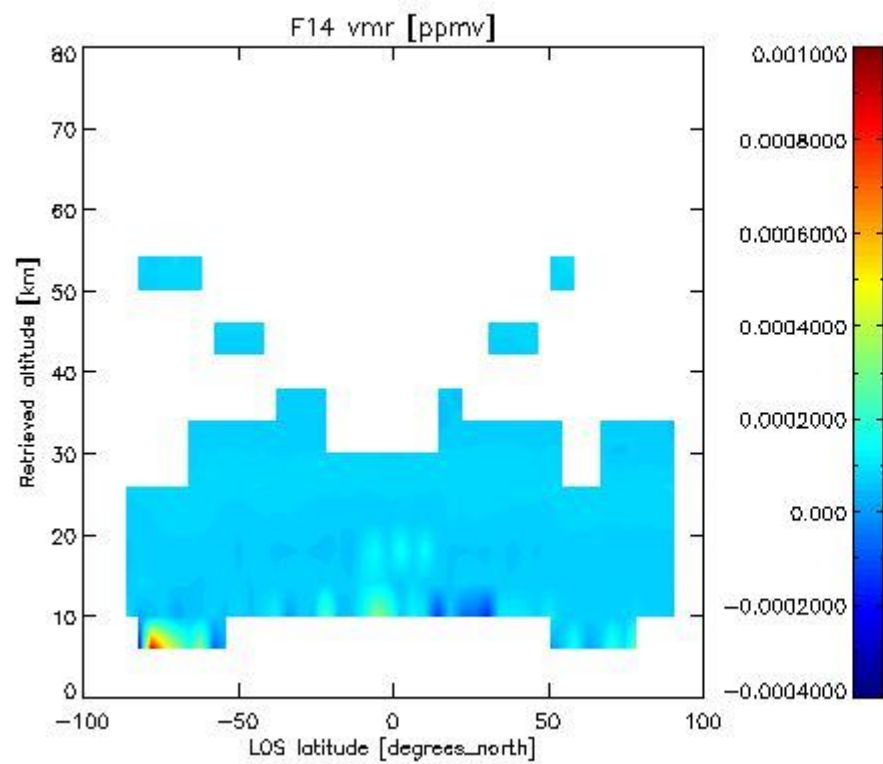
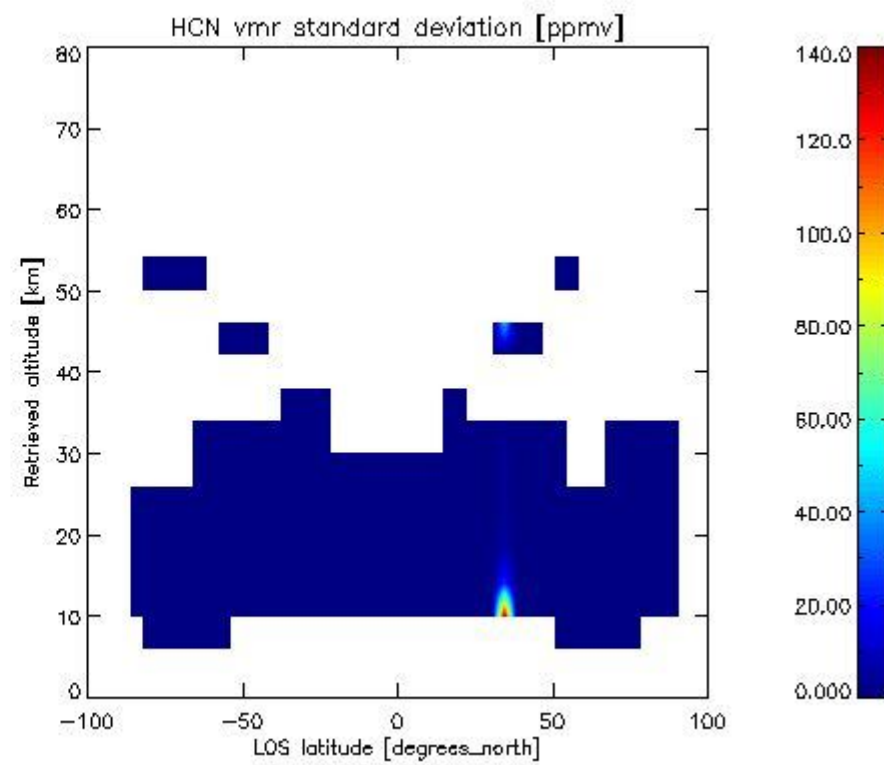
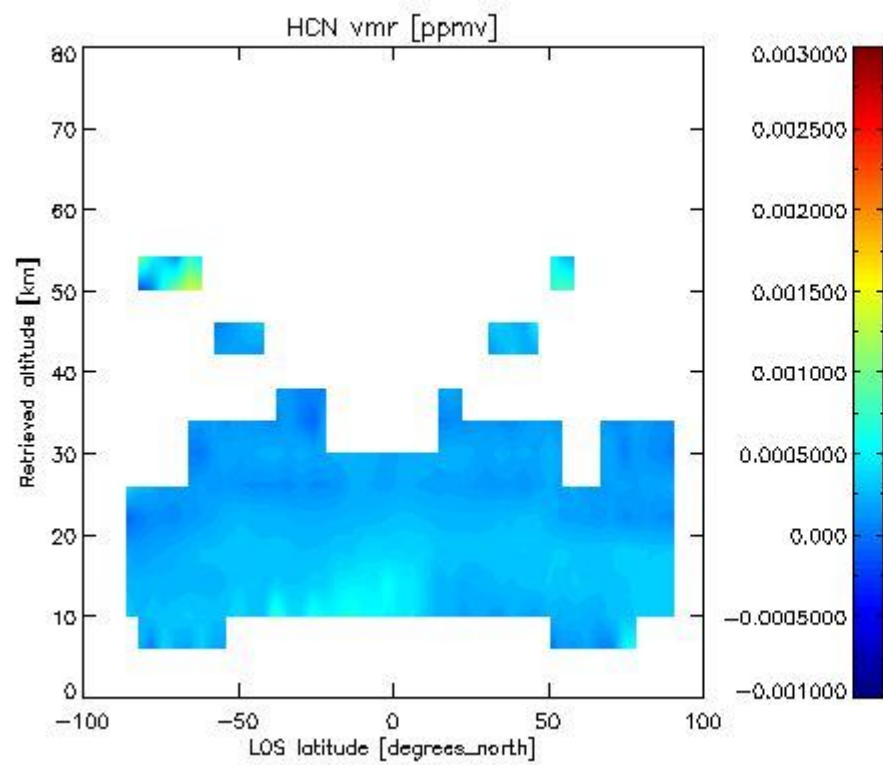


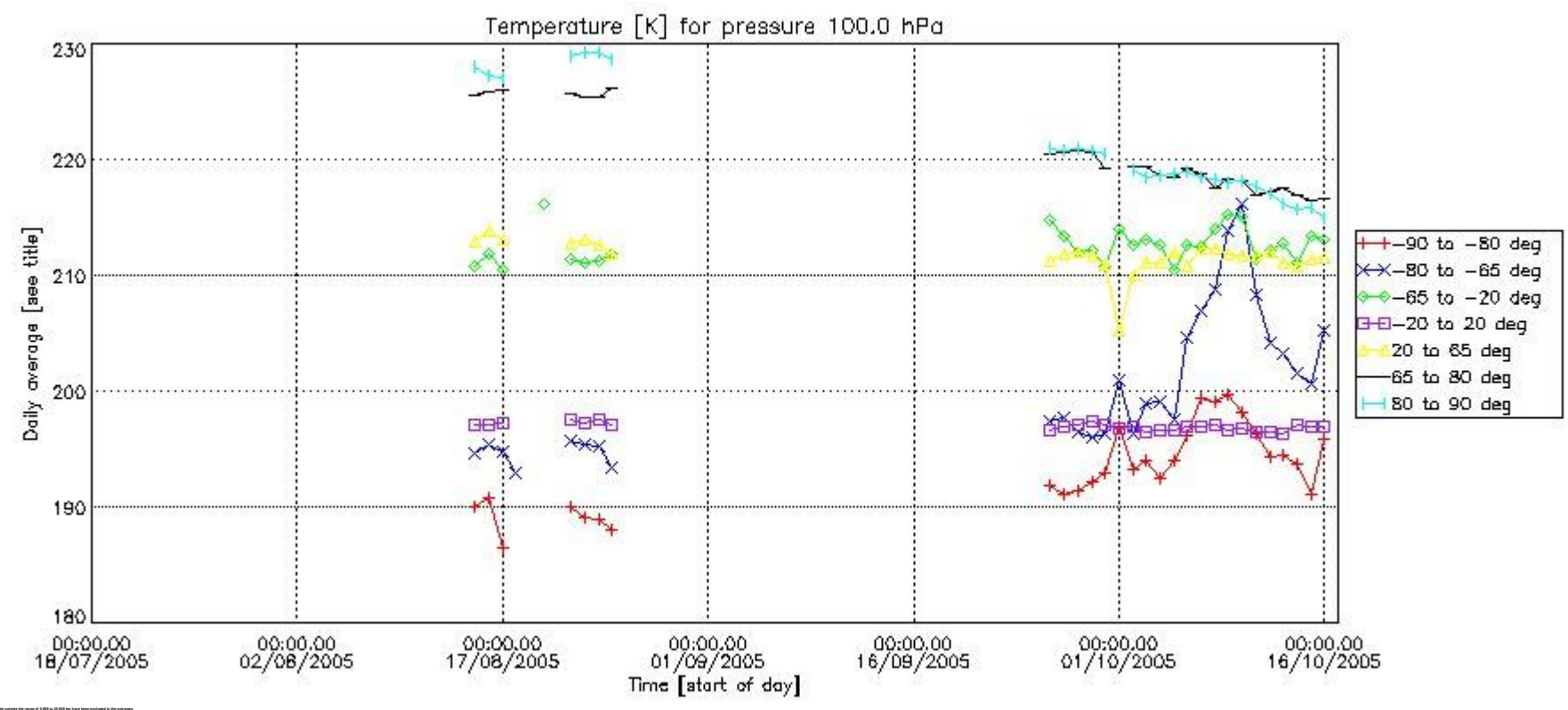
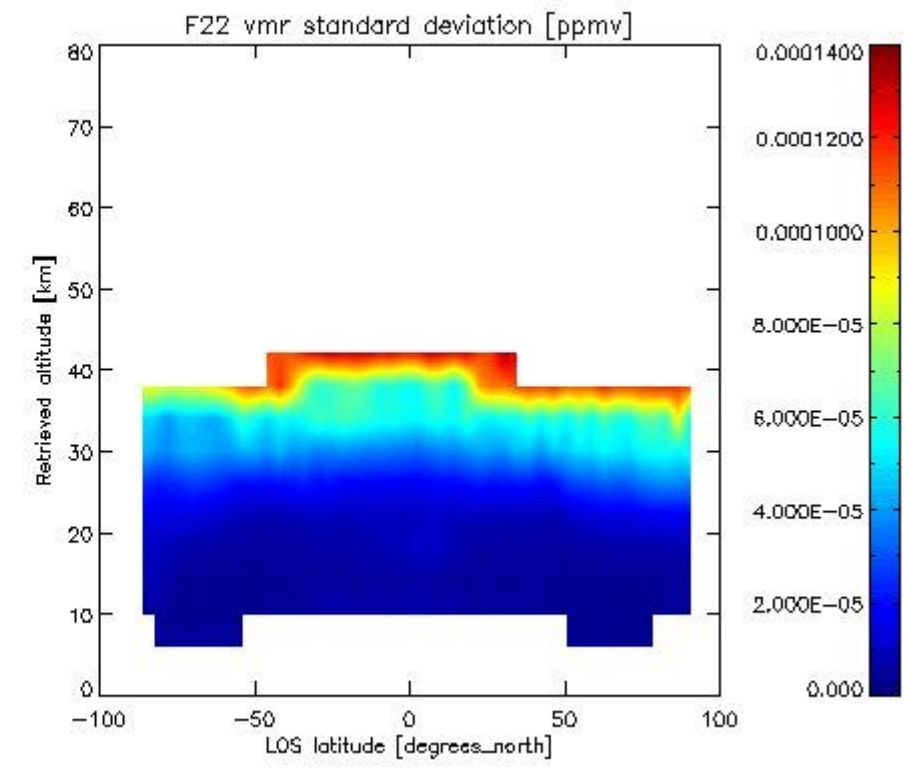
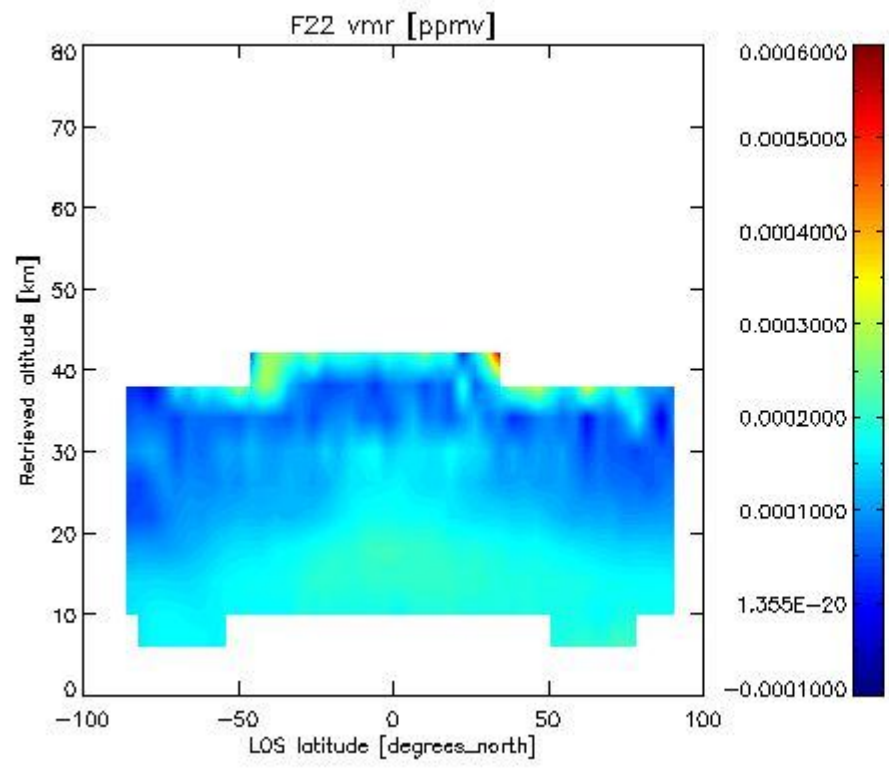
2.3.4 CLNO vmr: This section shows values (left) and error (right) for CLNO after binning individual vmr values over retrieved altitude and target latitude.

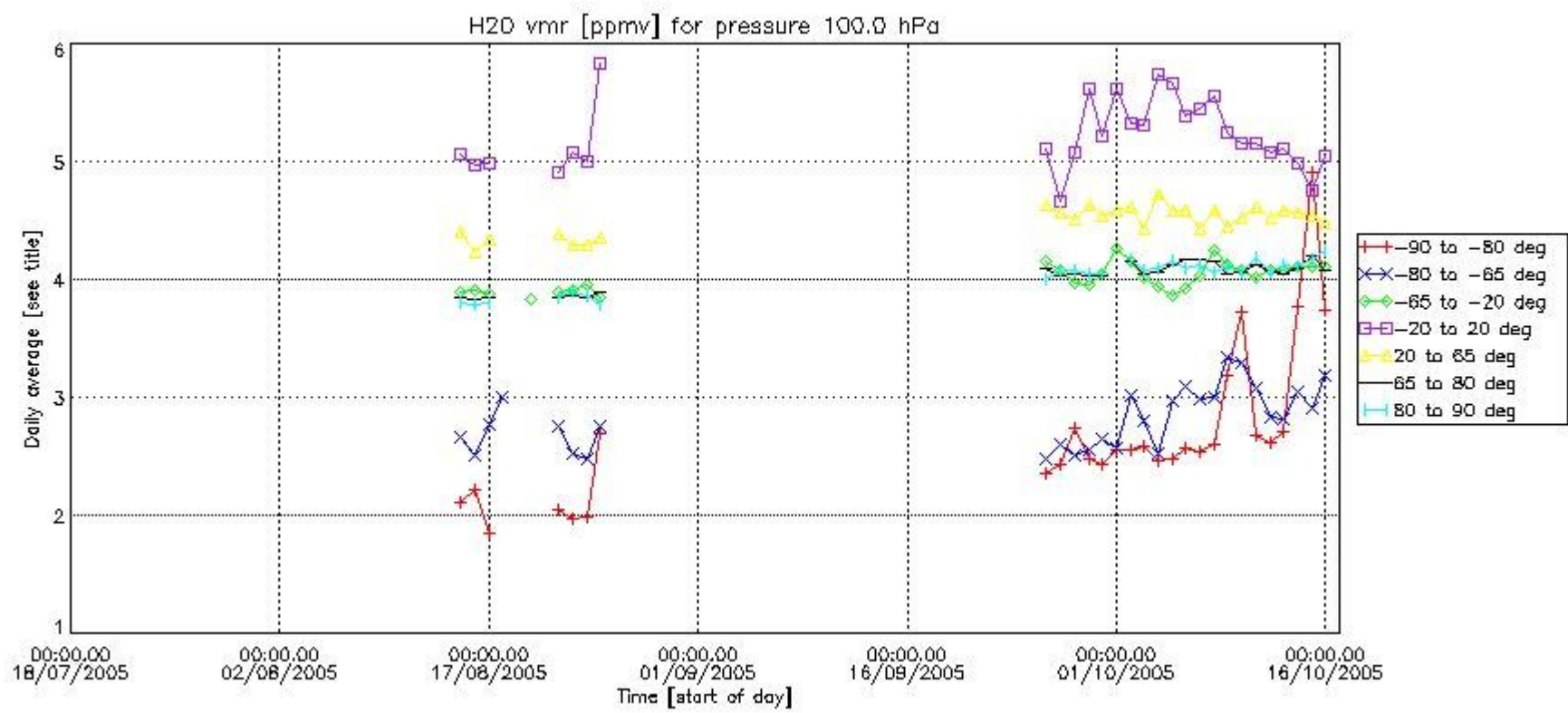
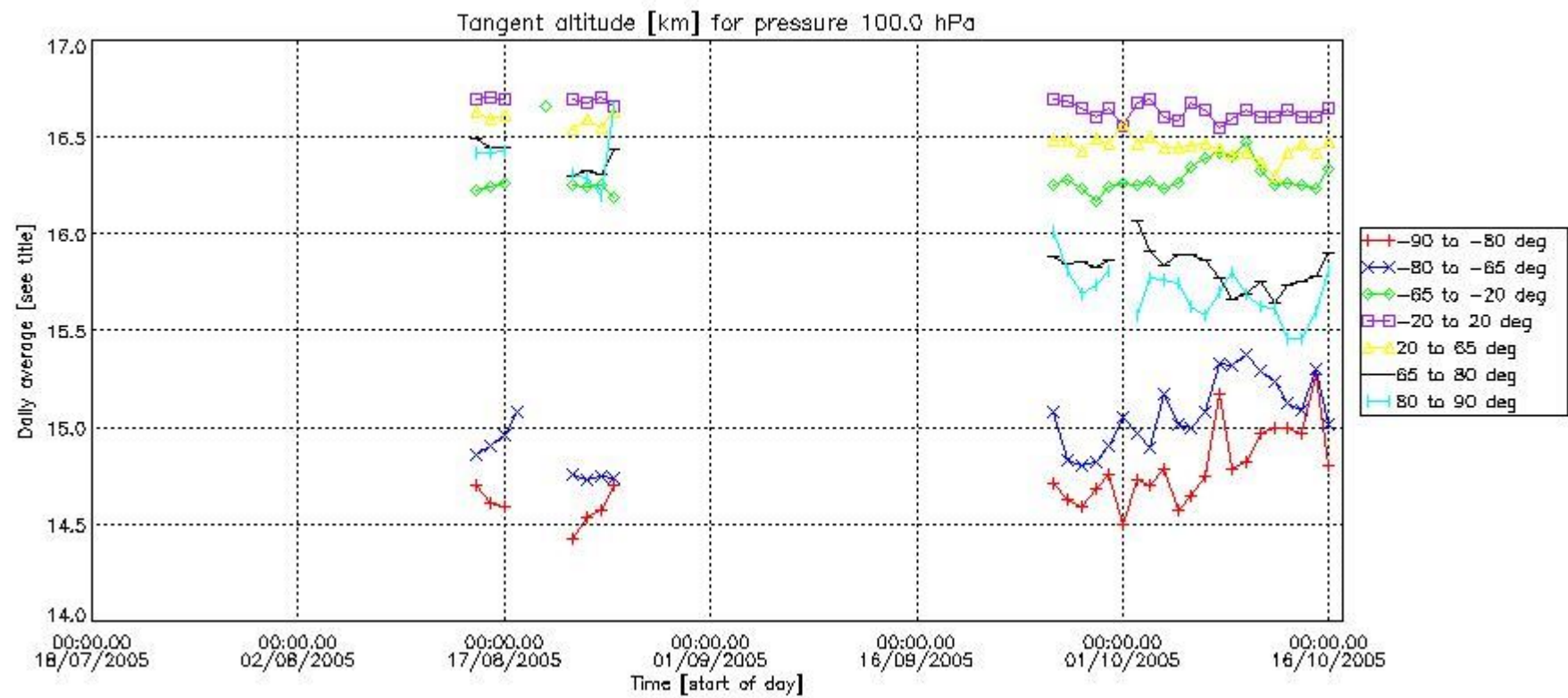


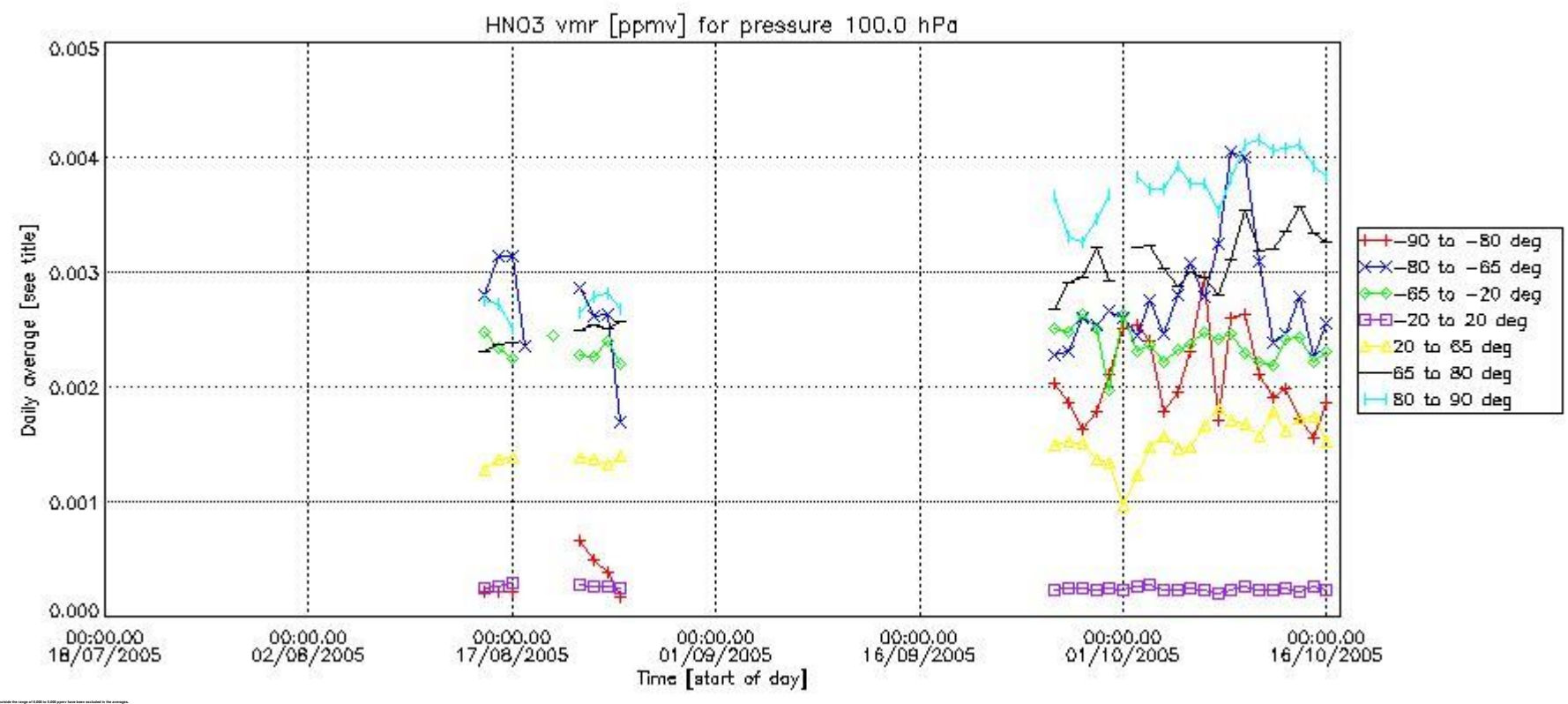
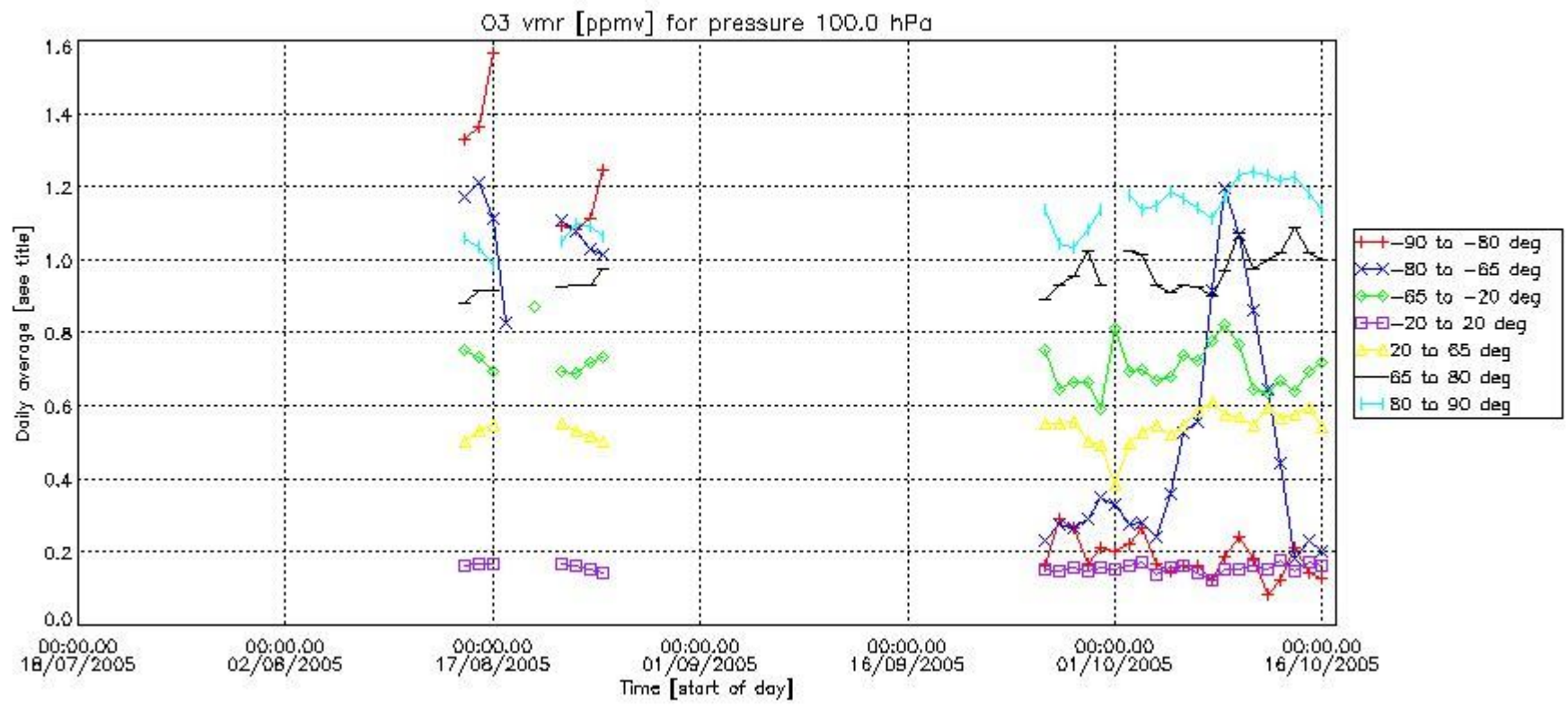


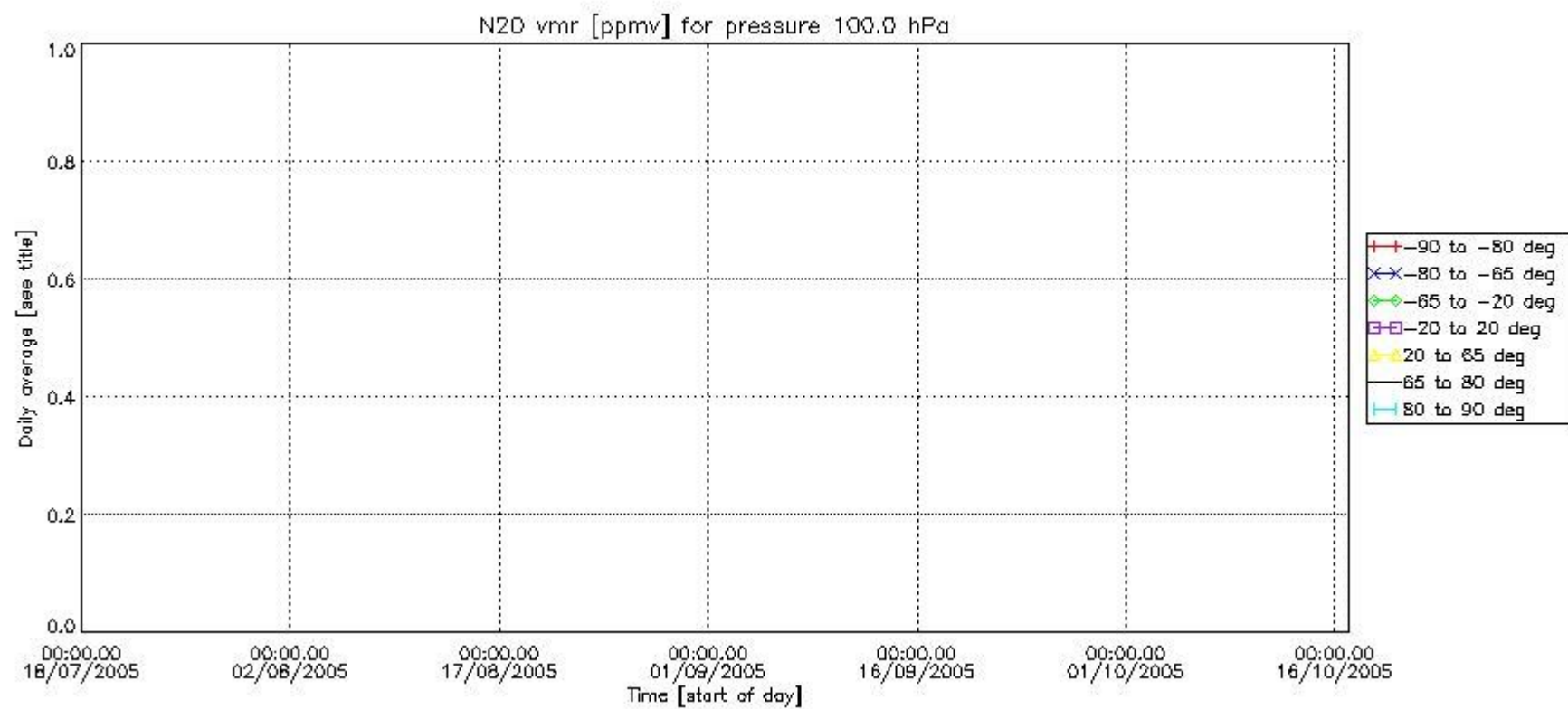
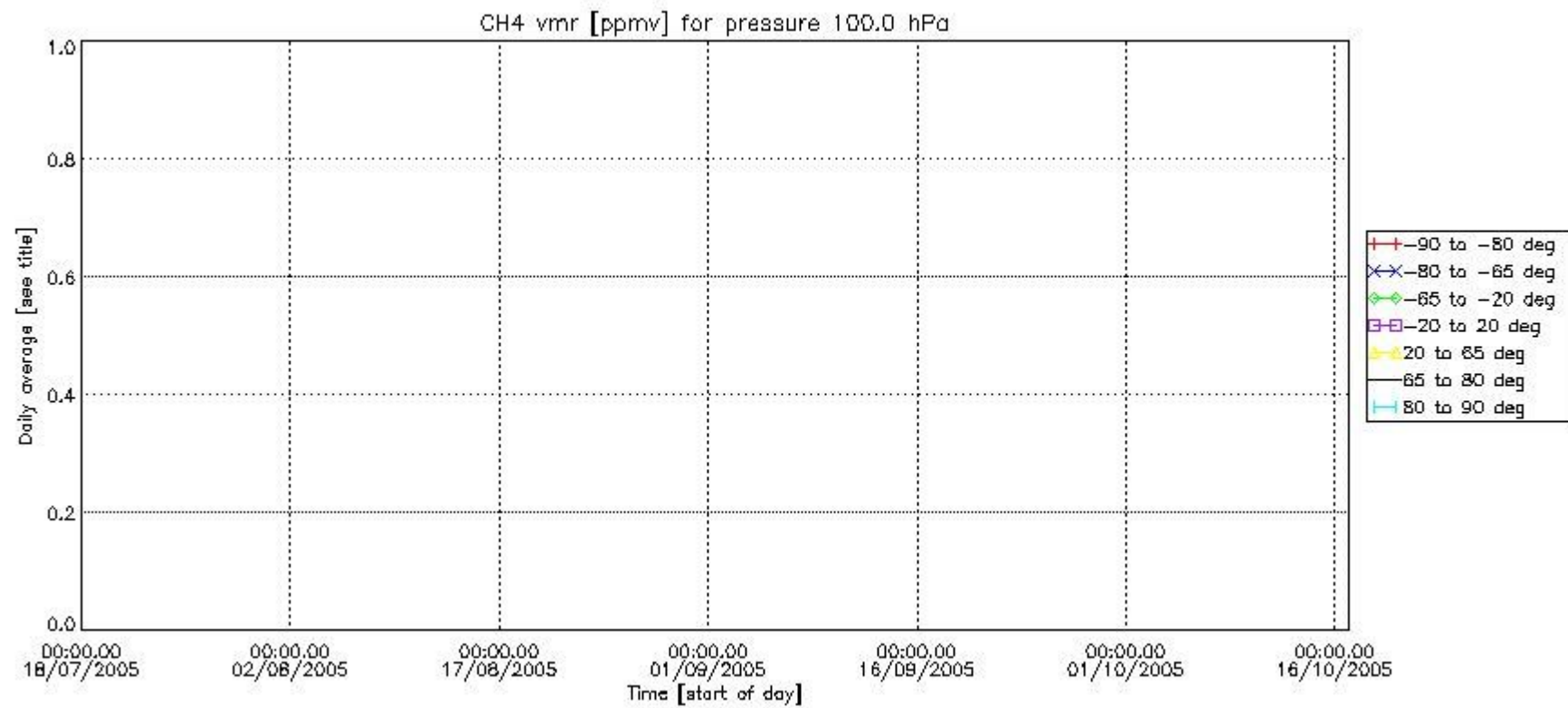


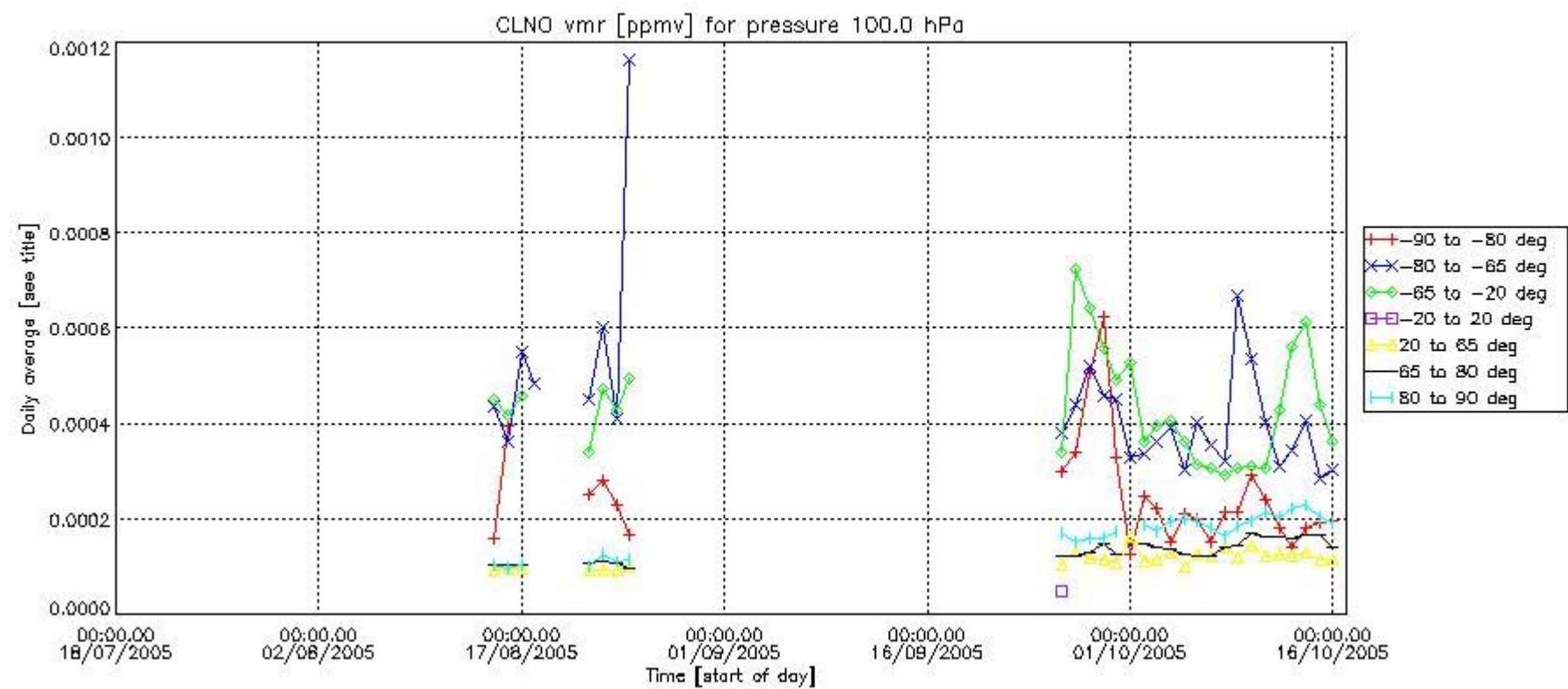
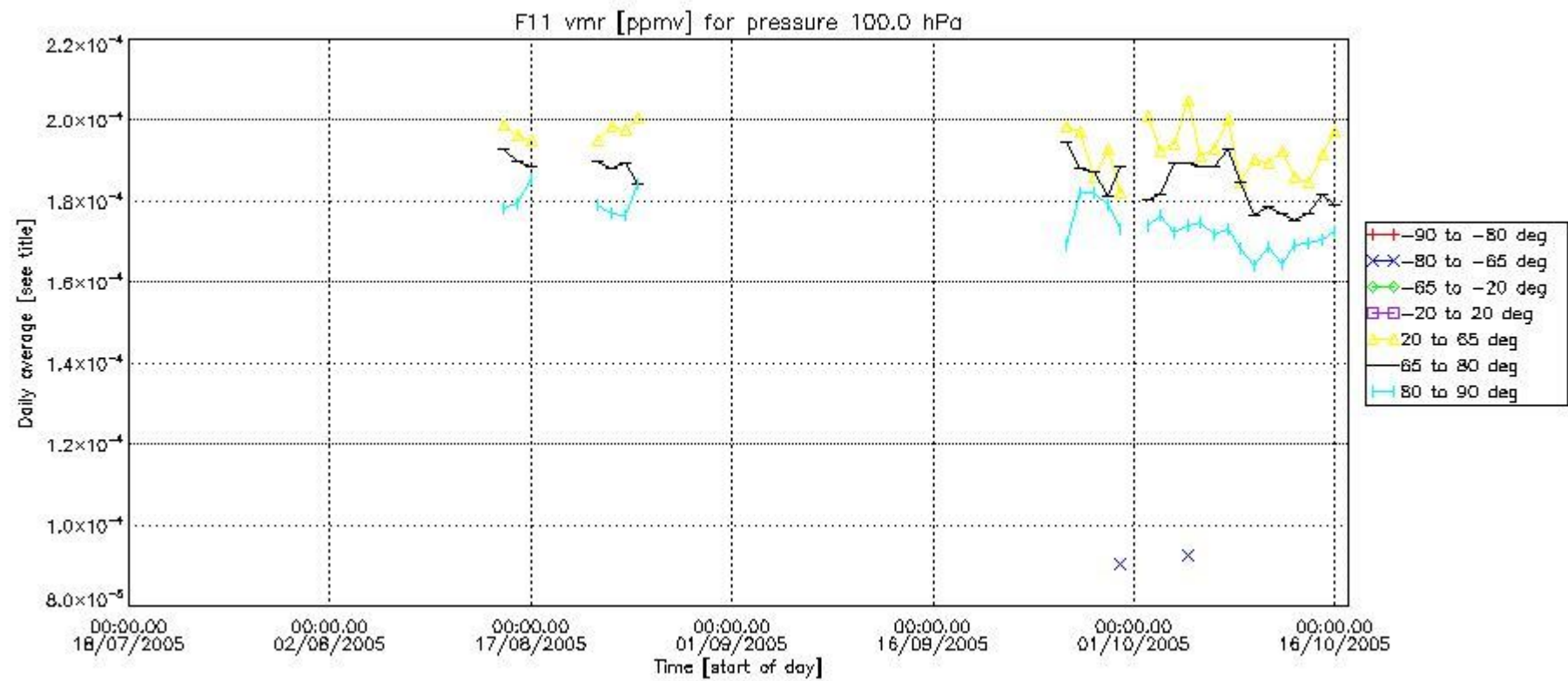


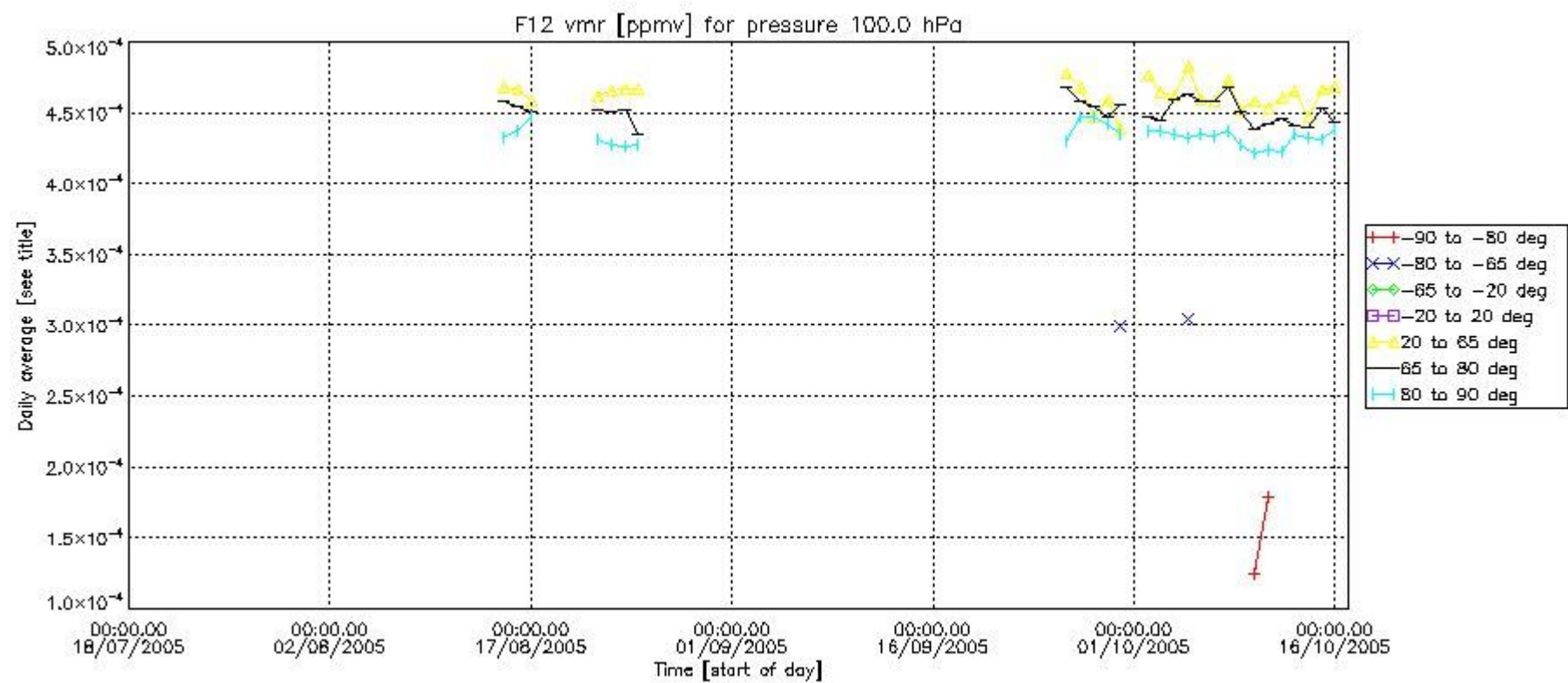
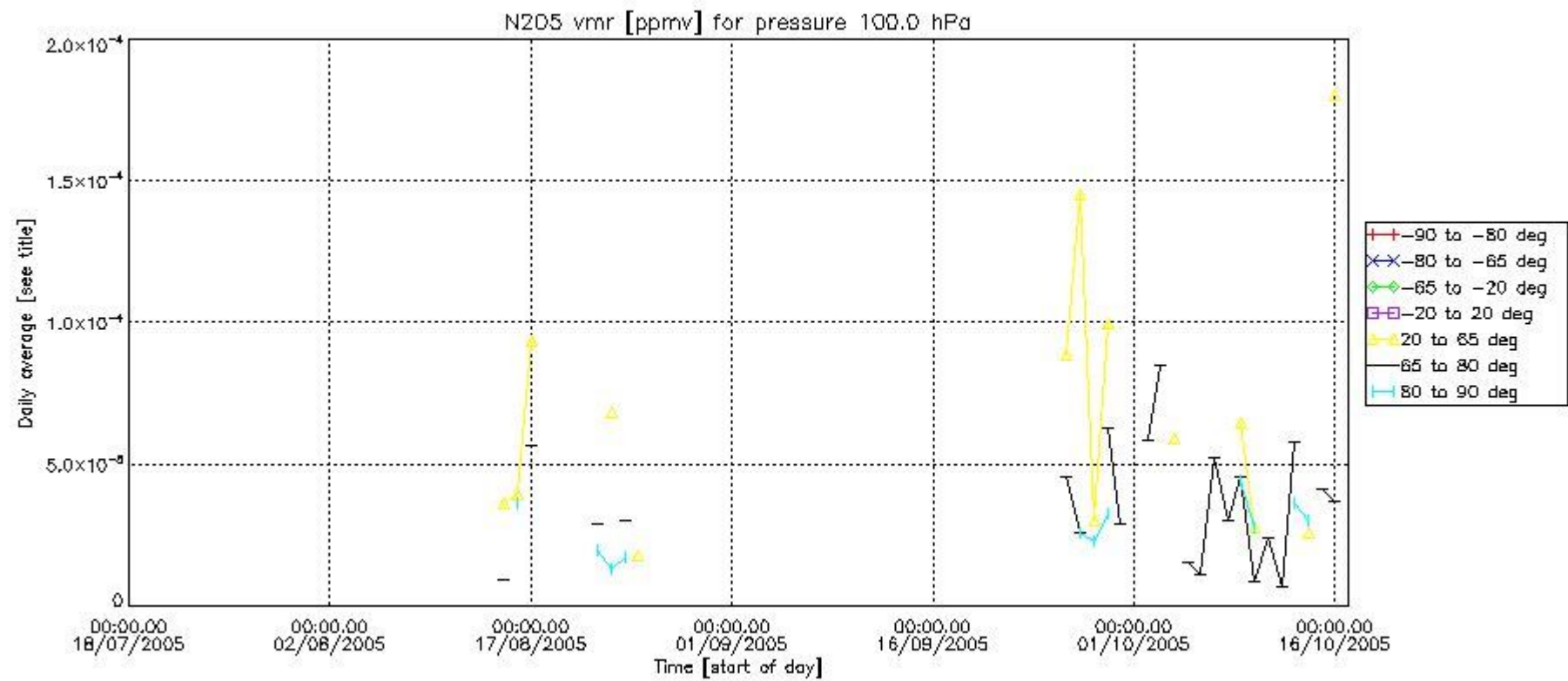


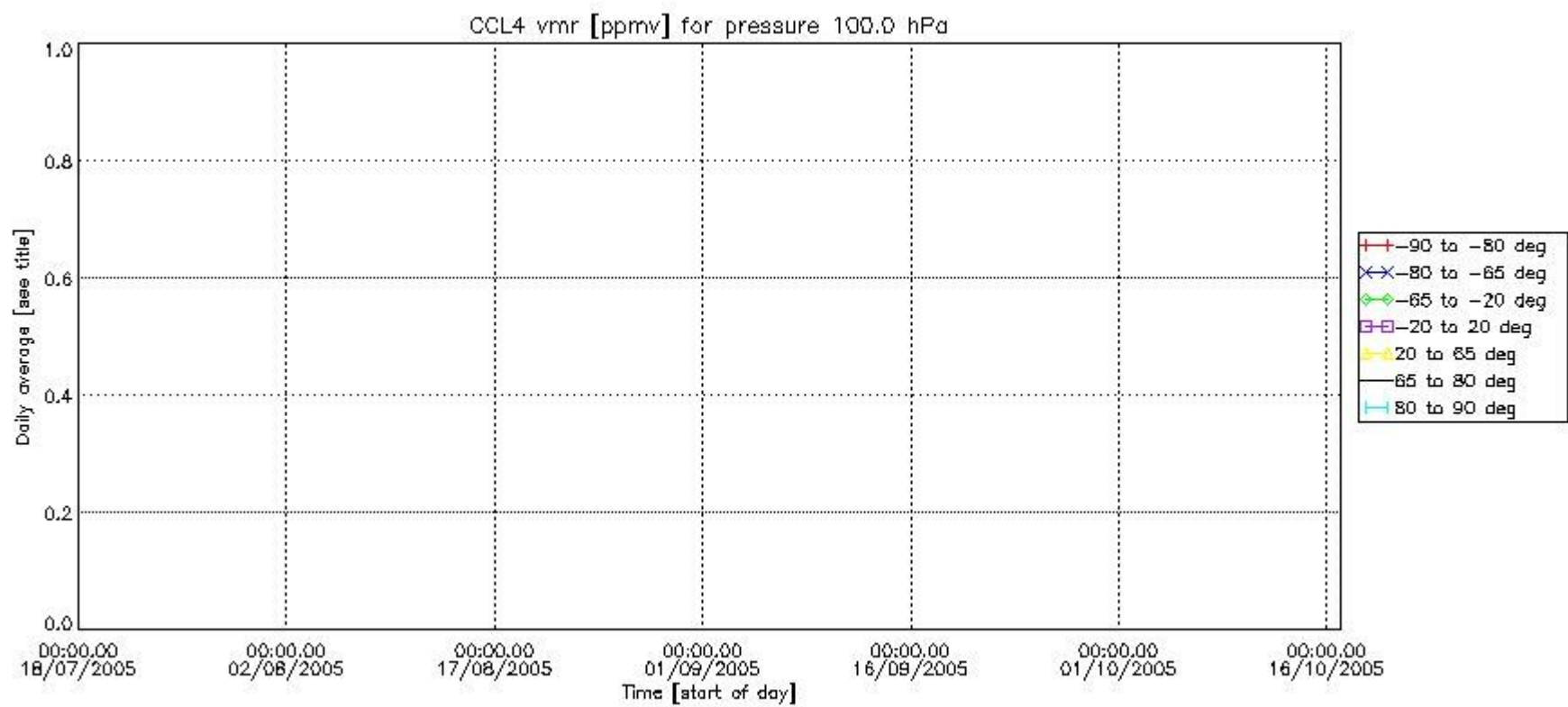
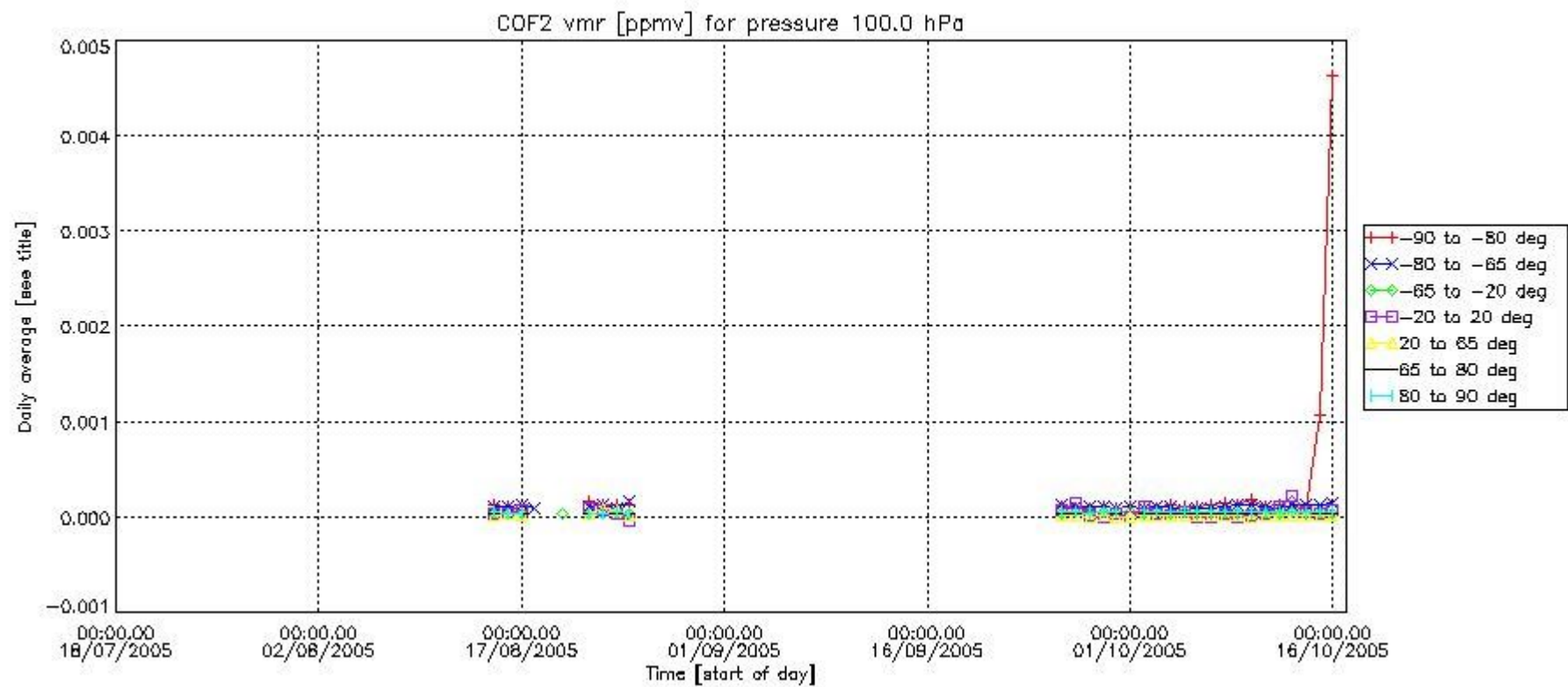


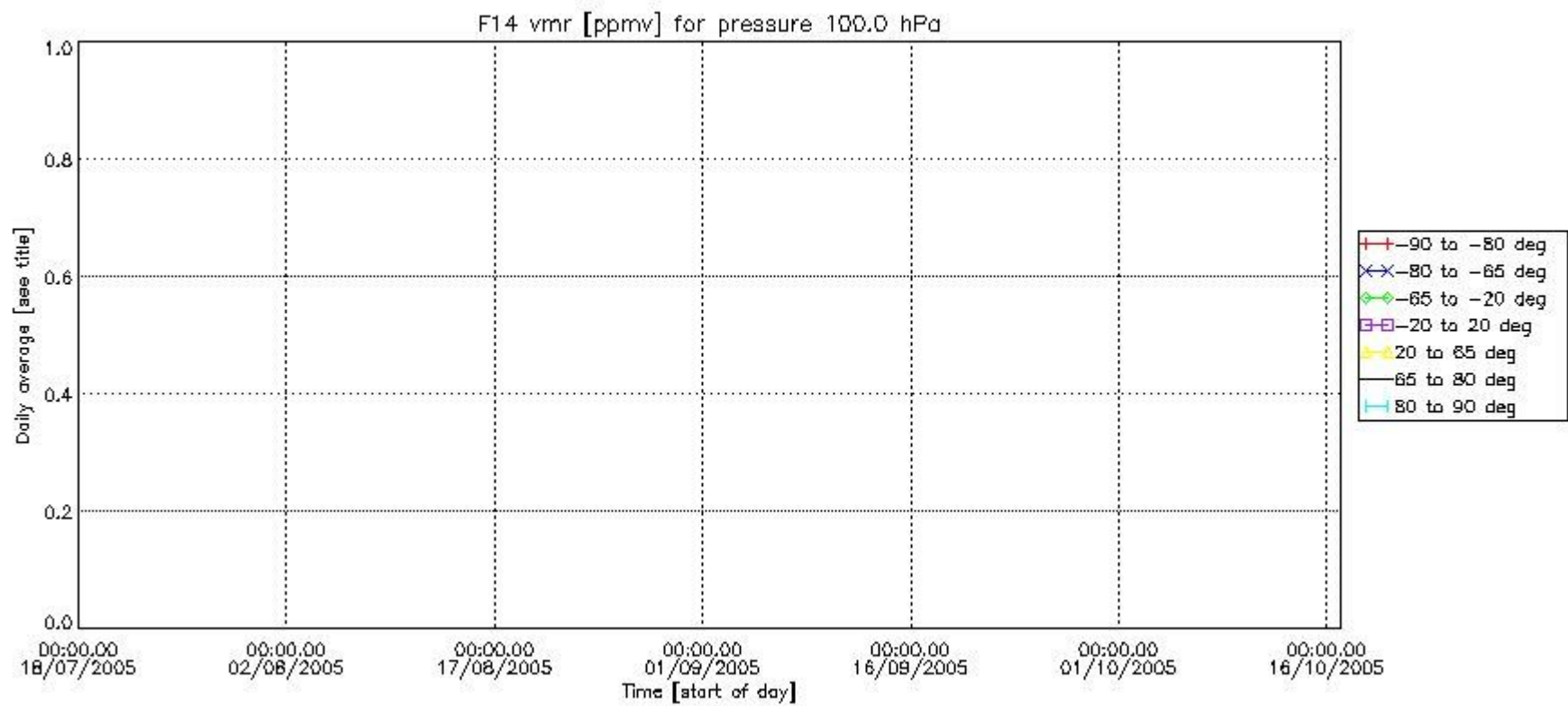
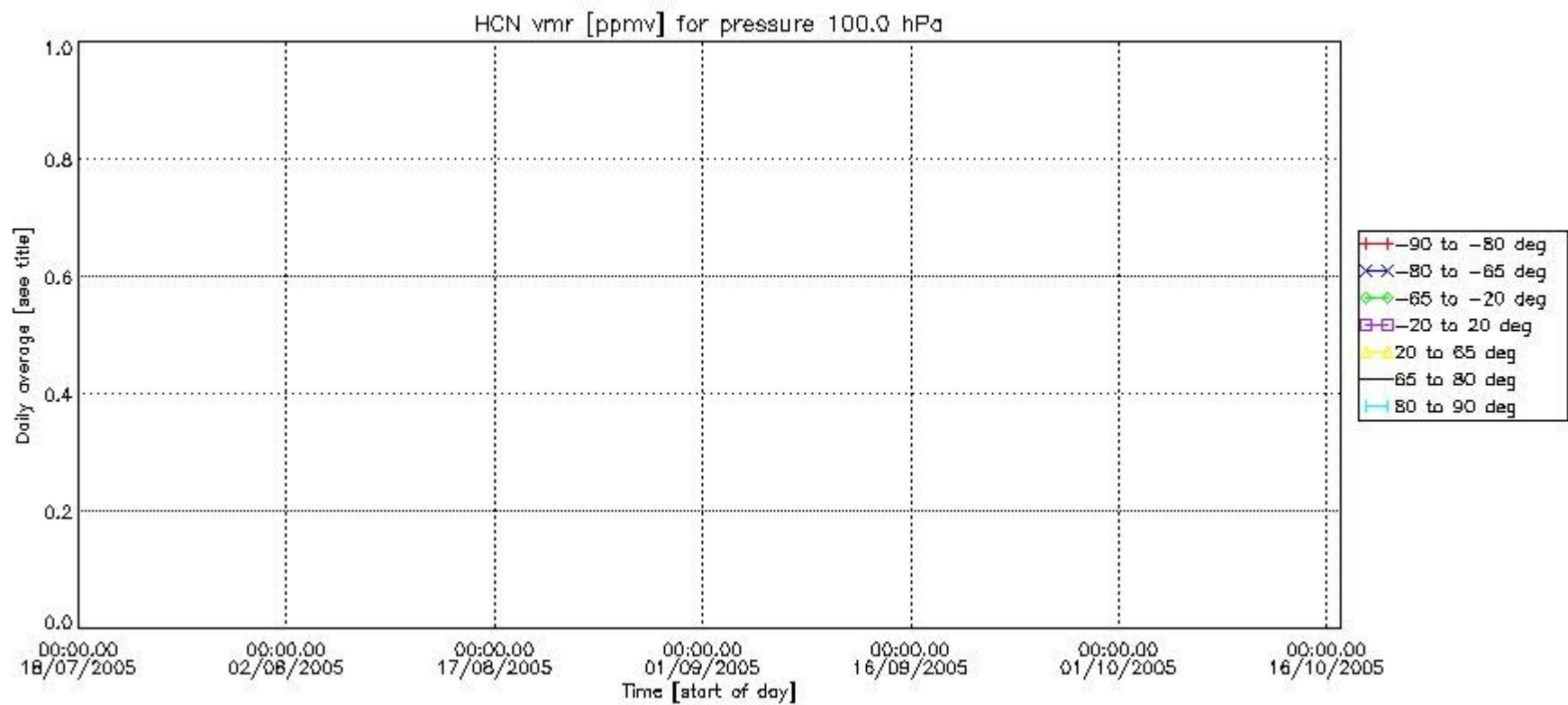


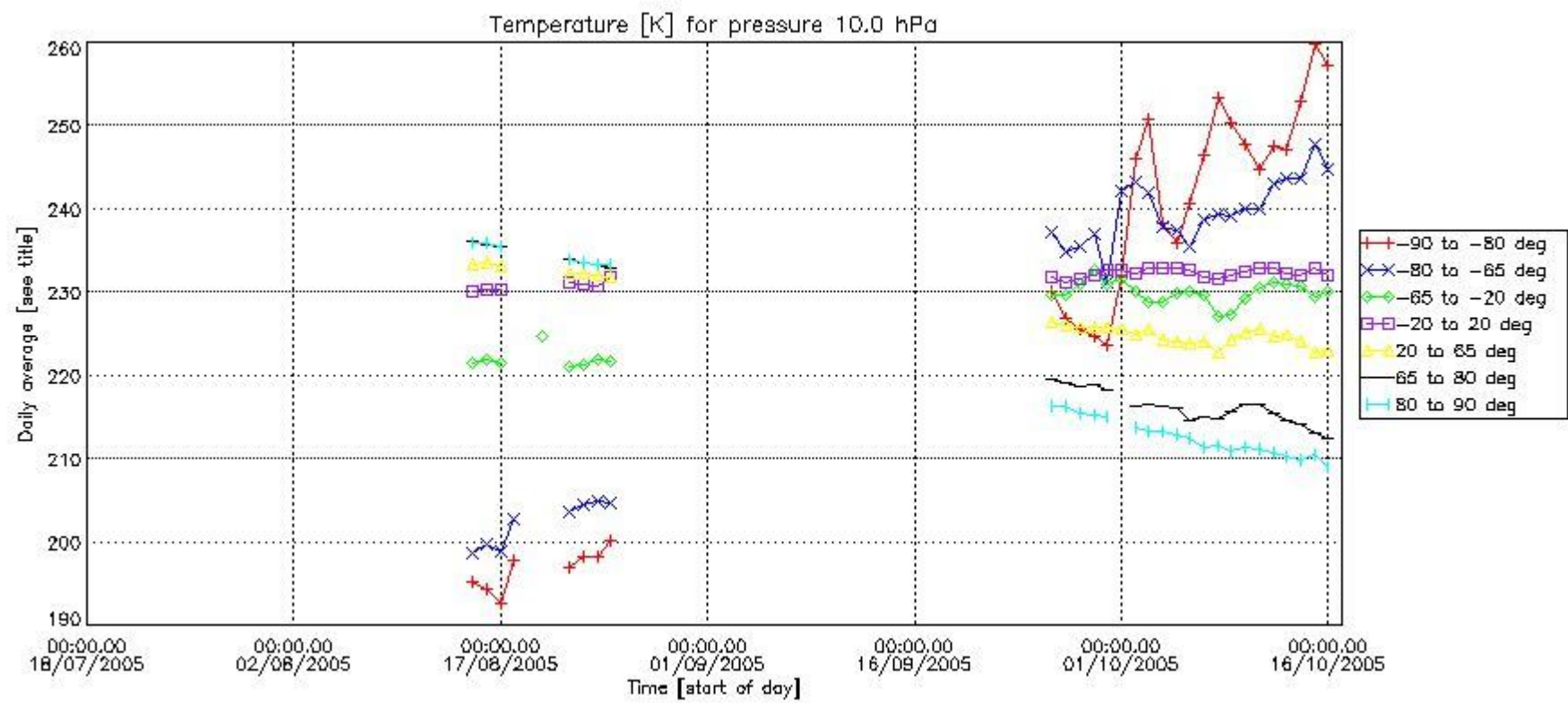
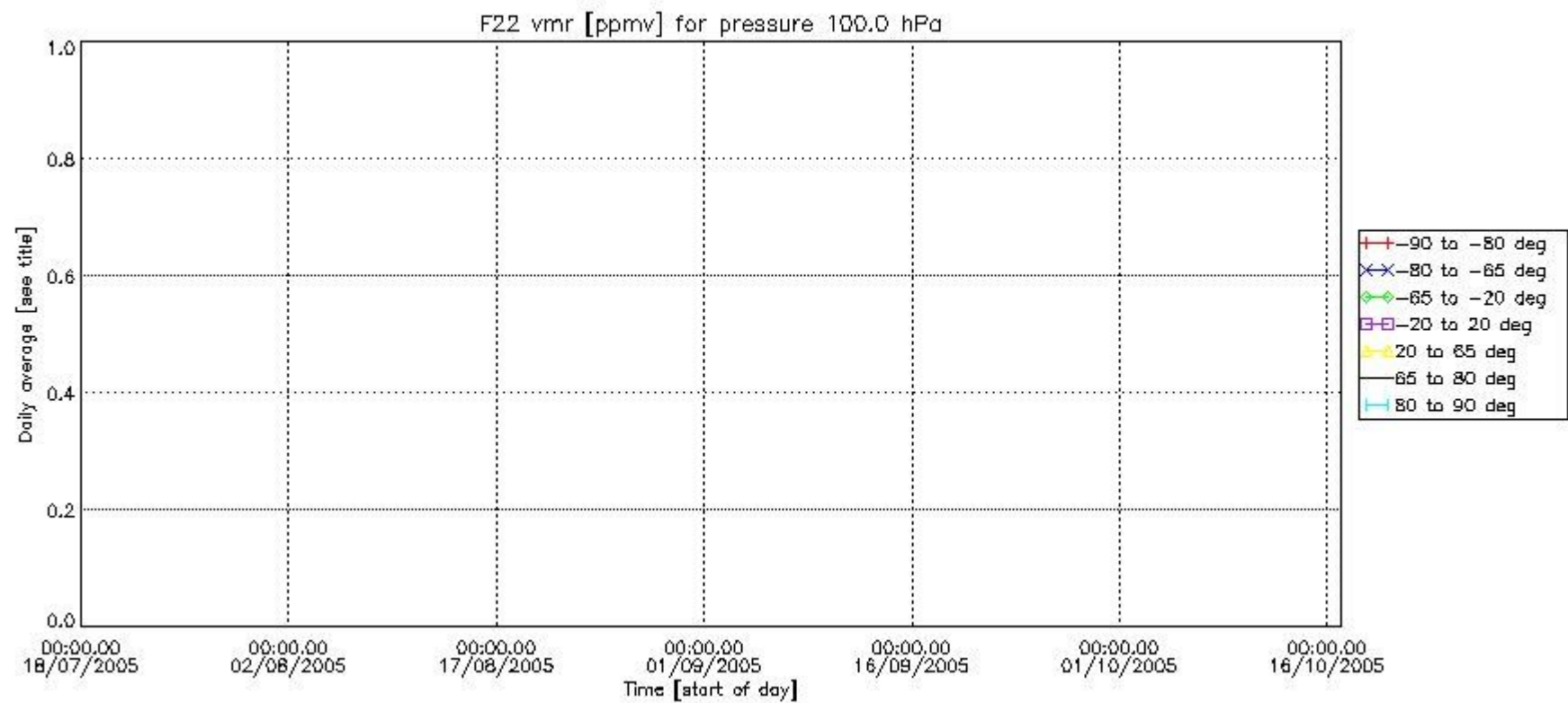


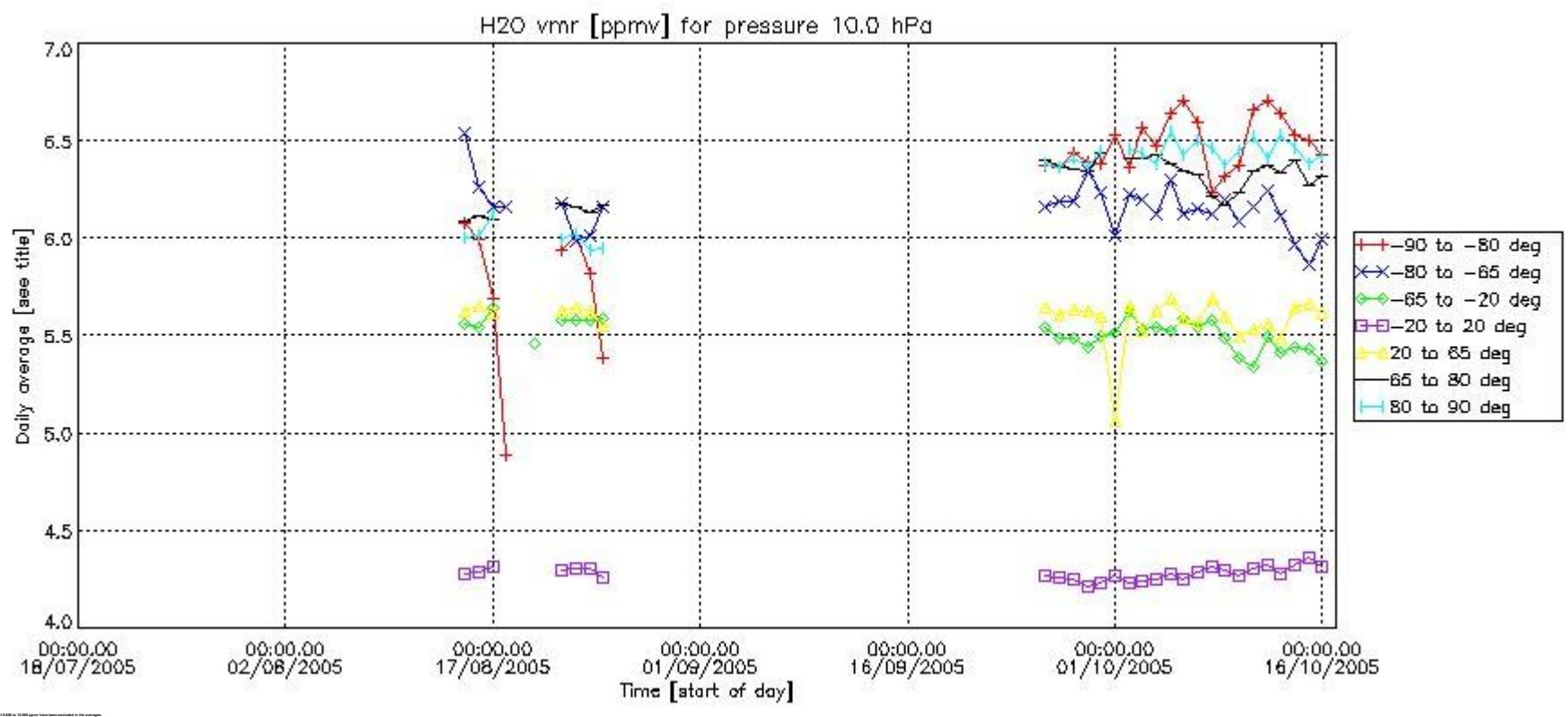
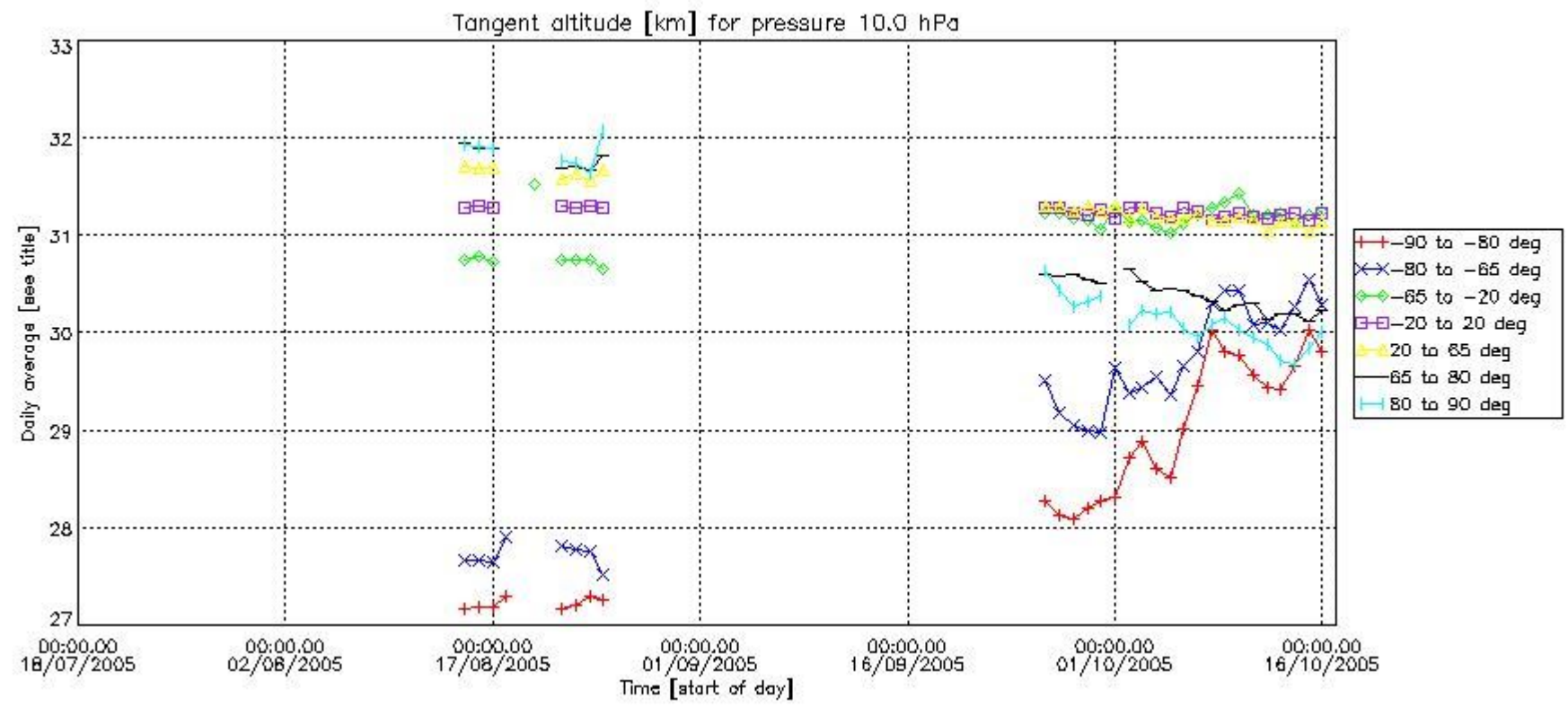


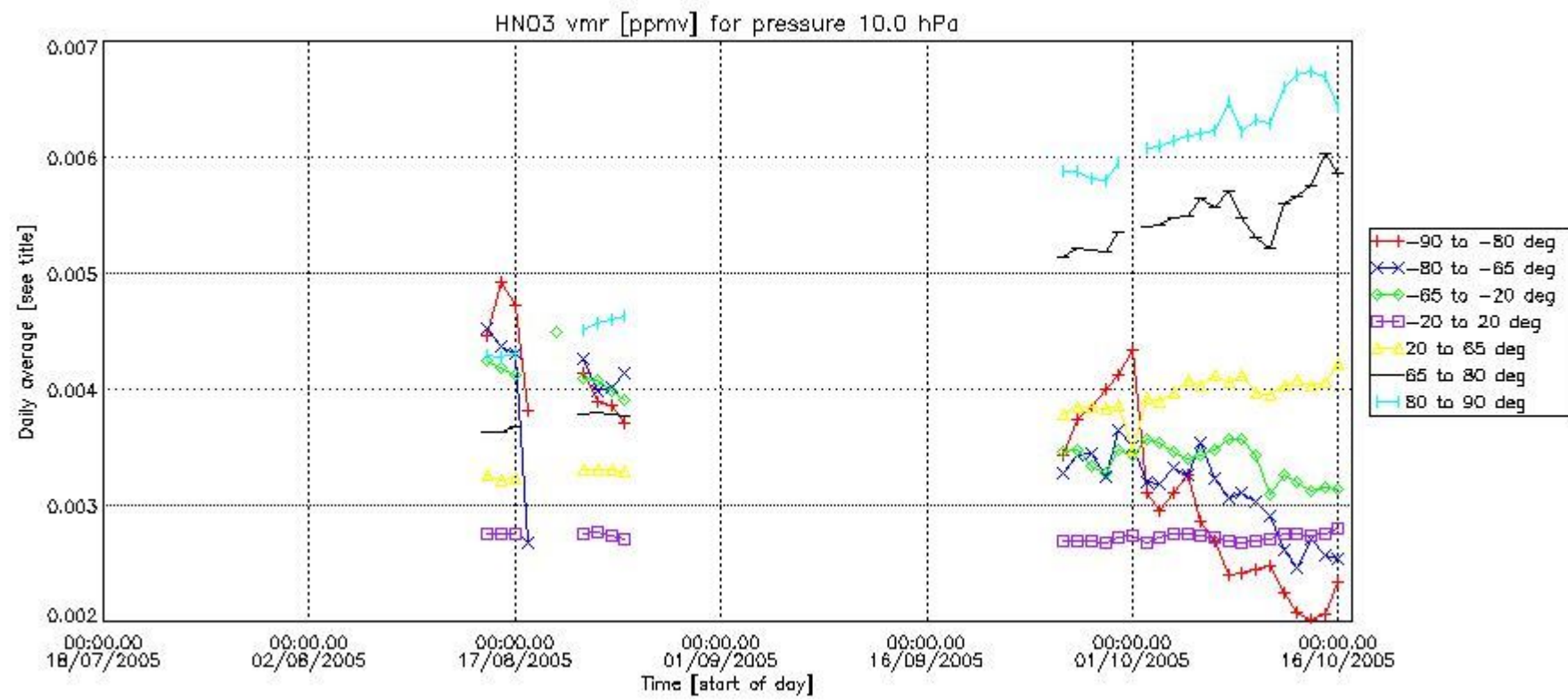
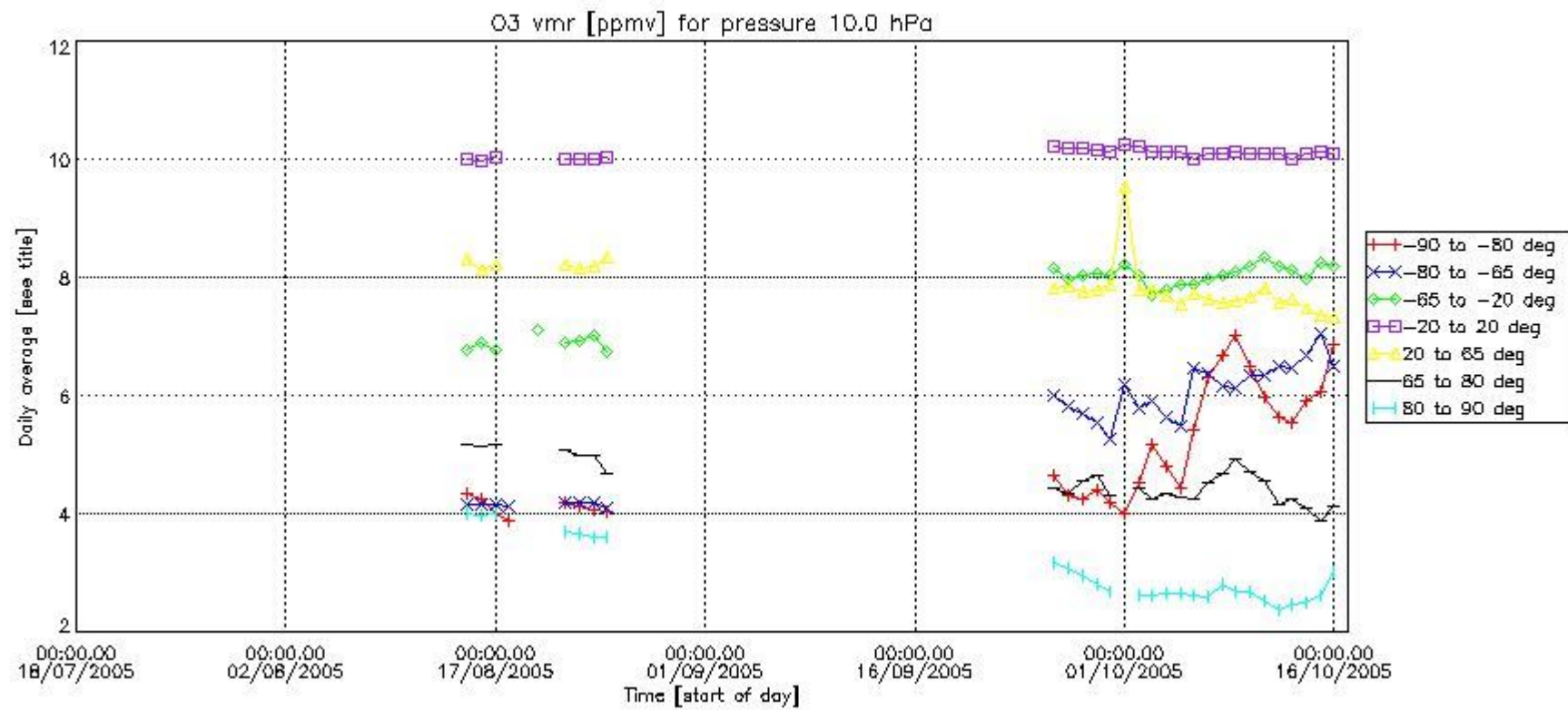


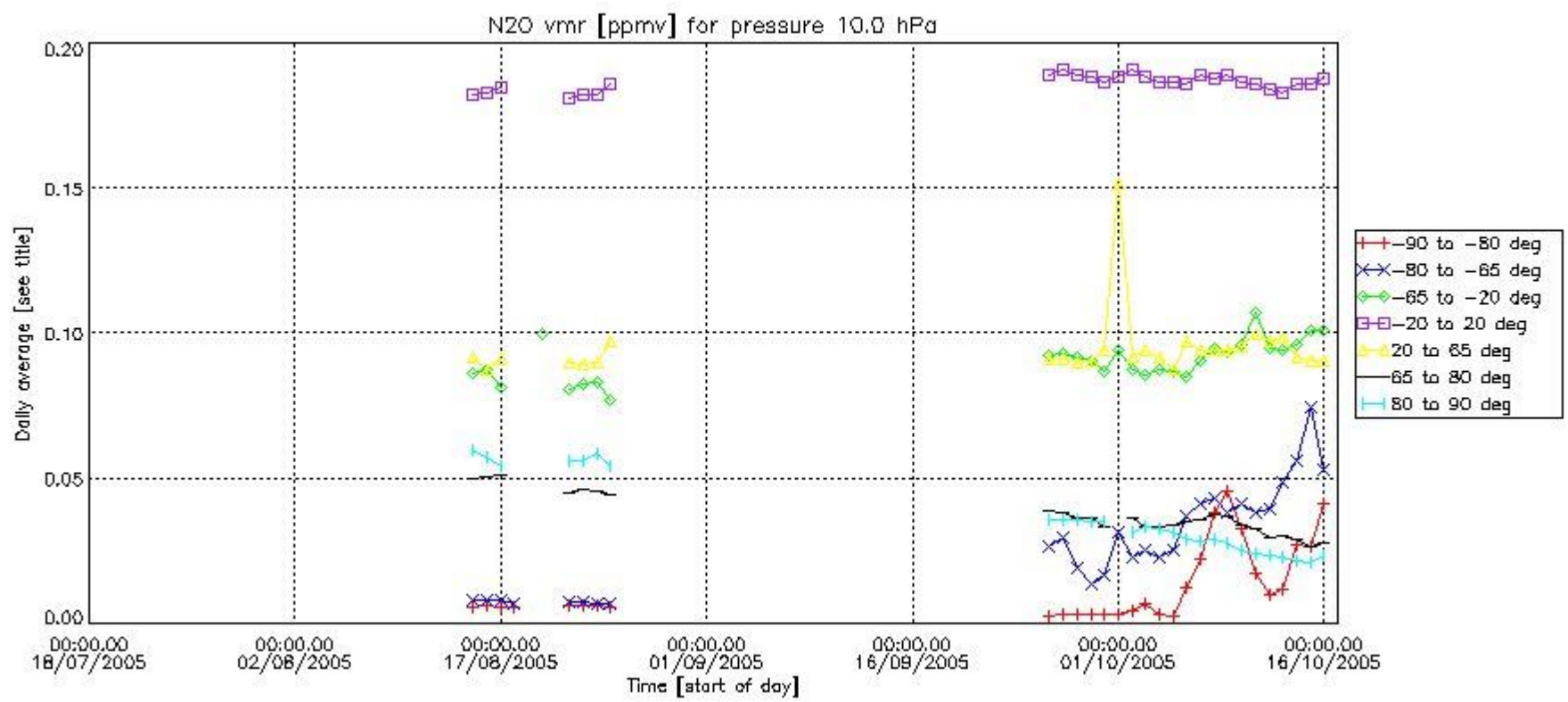
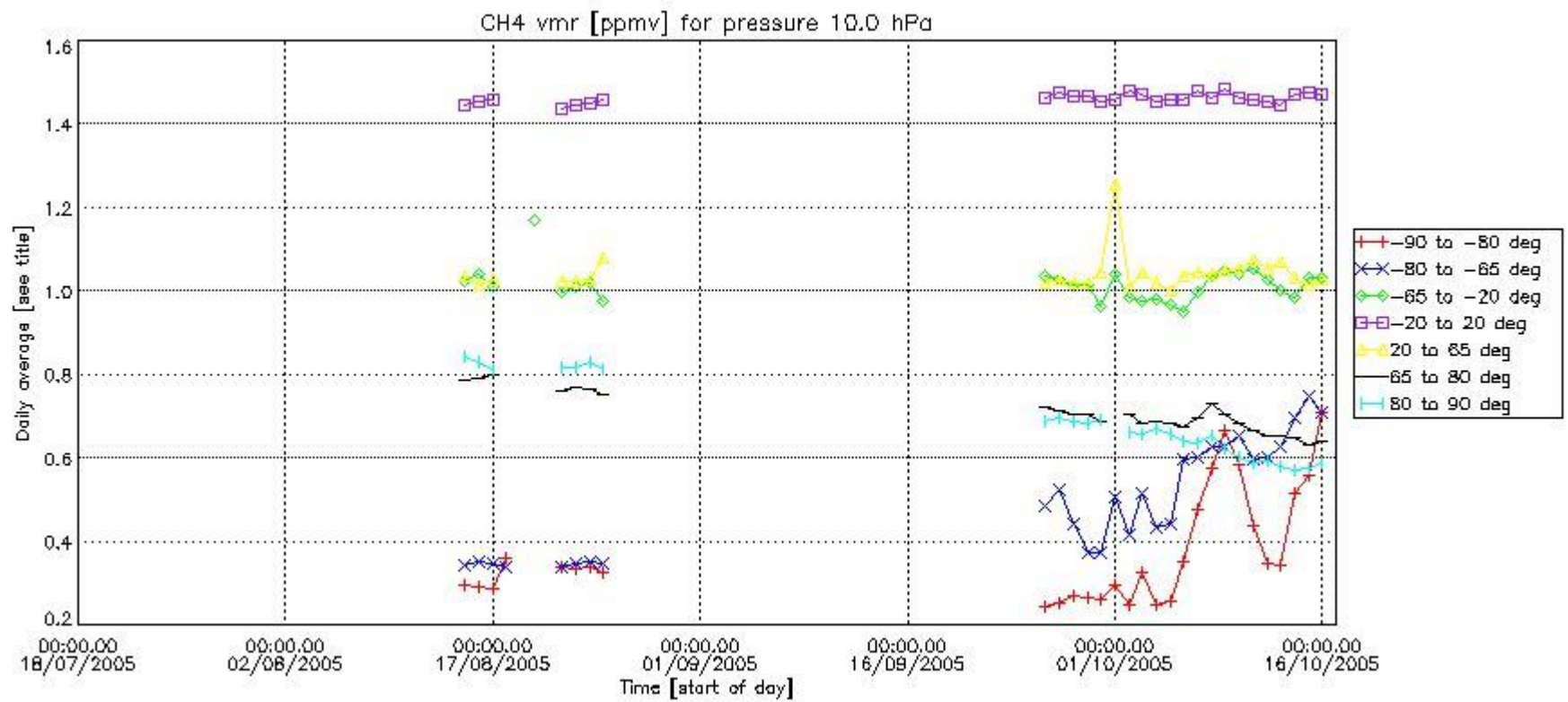


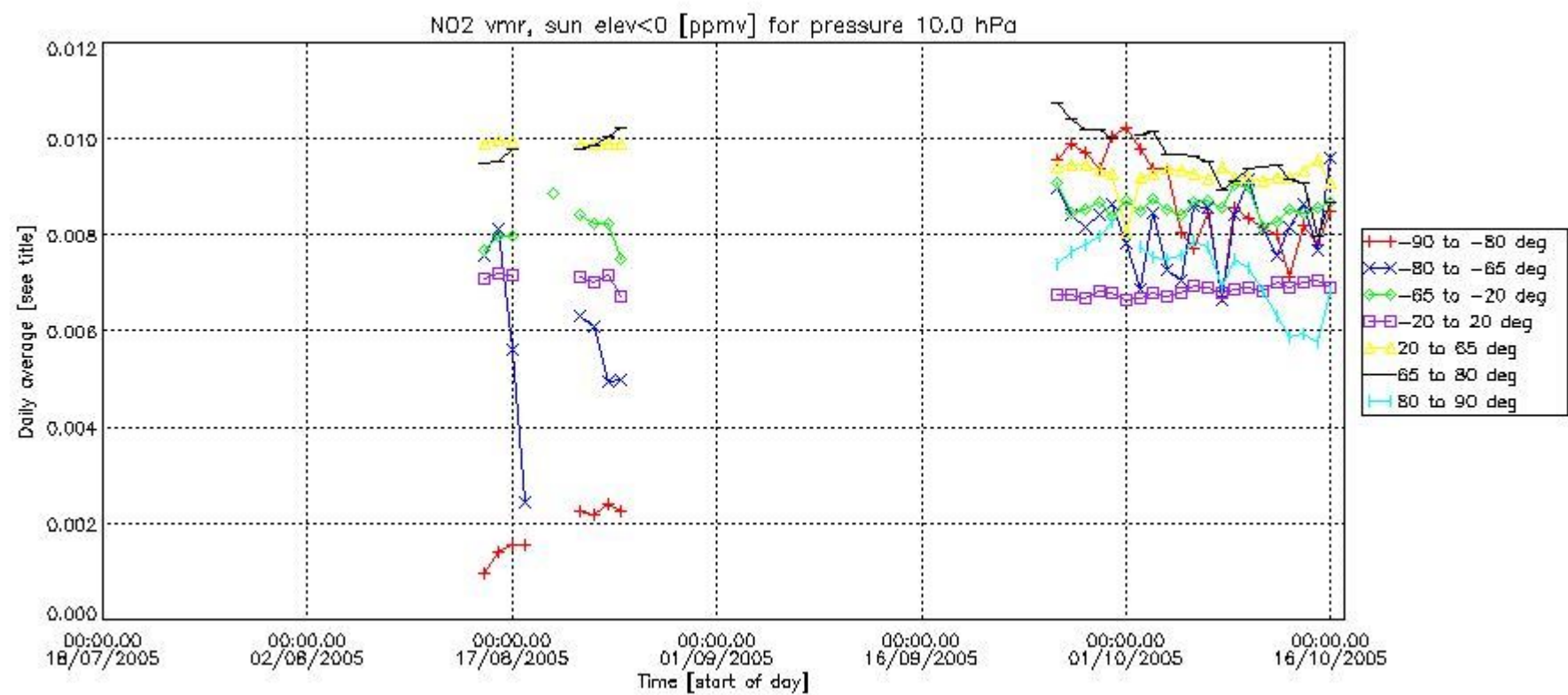
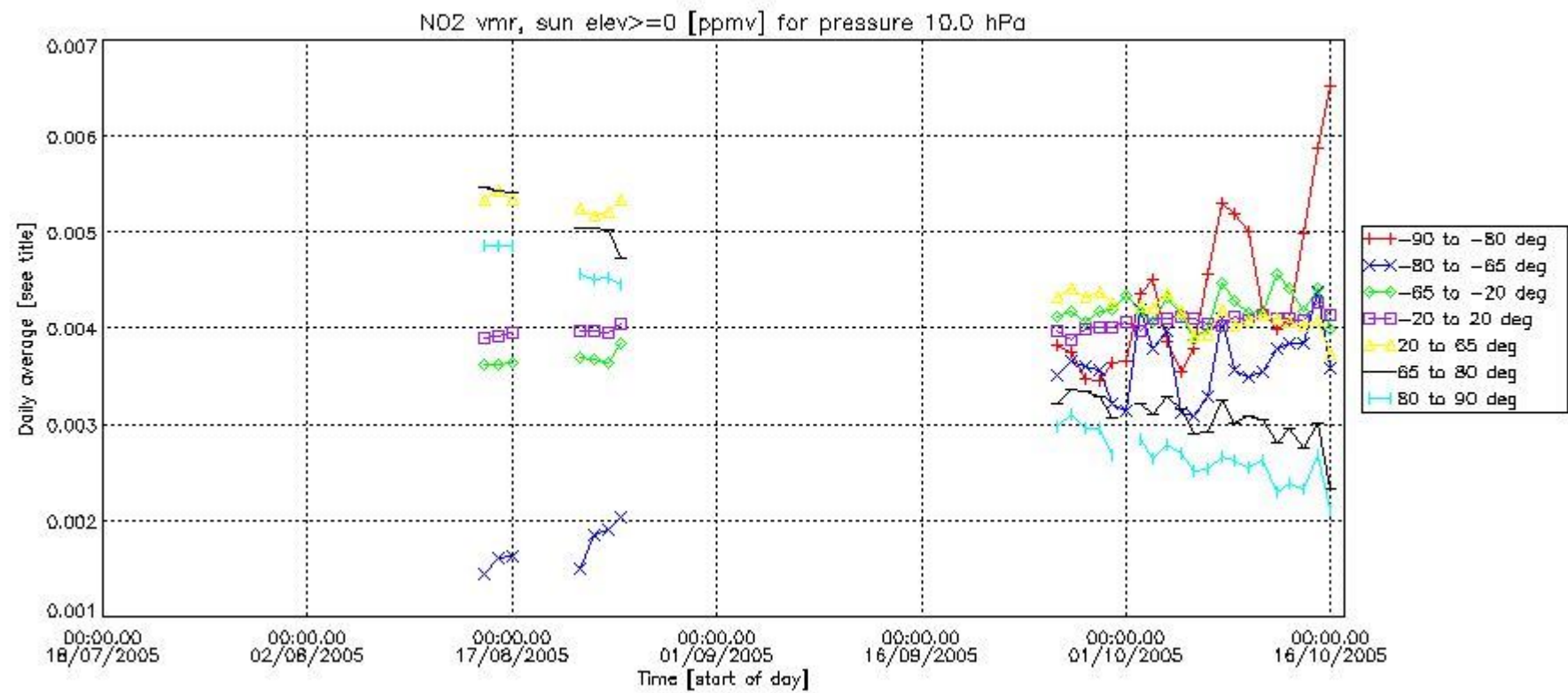


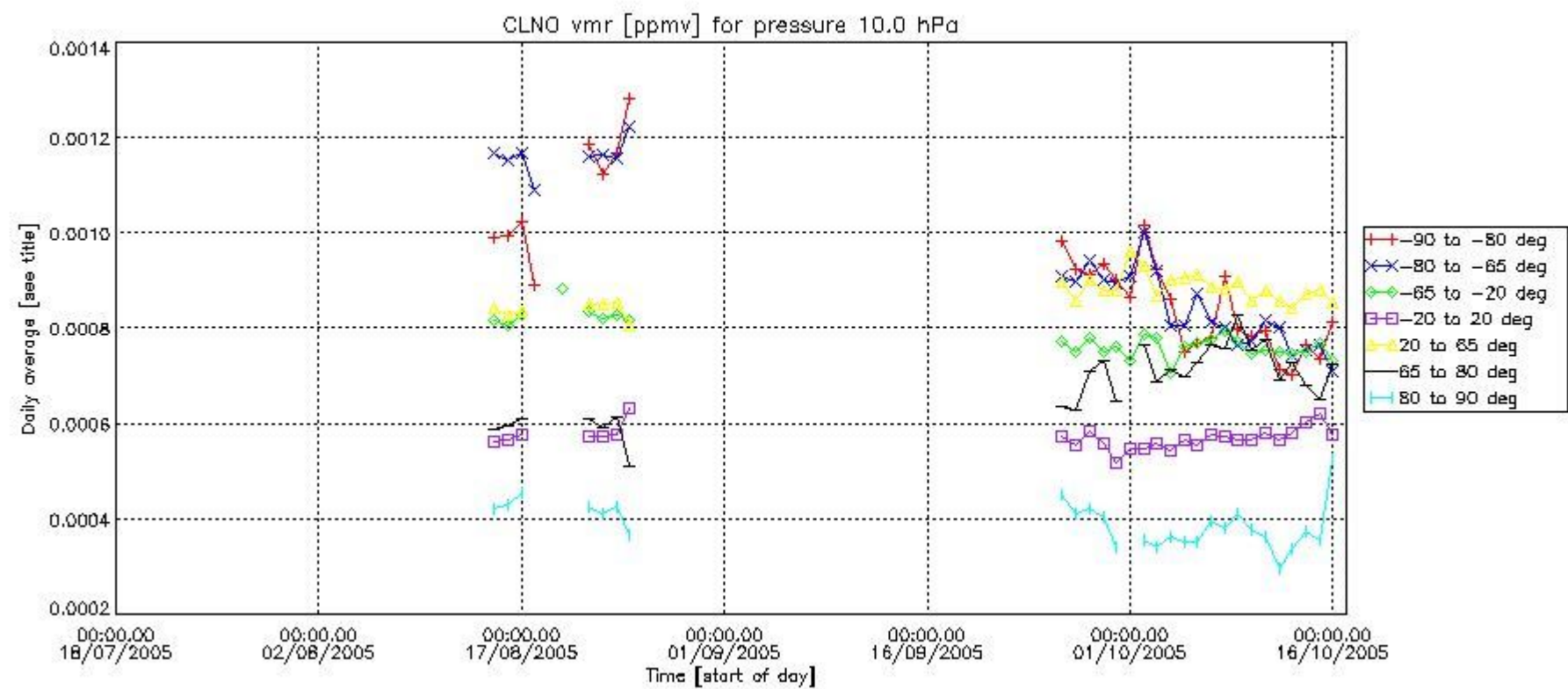
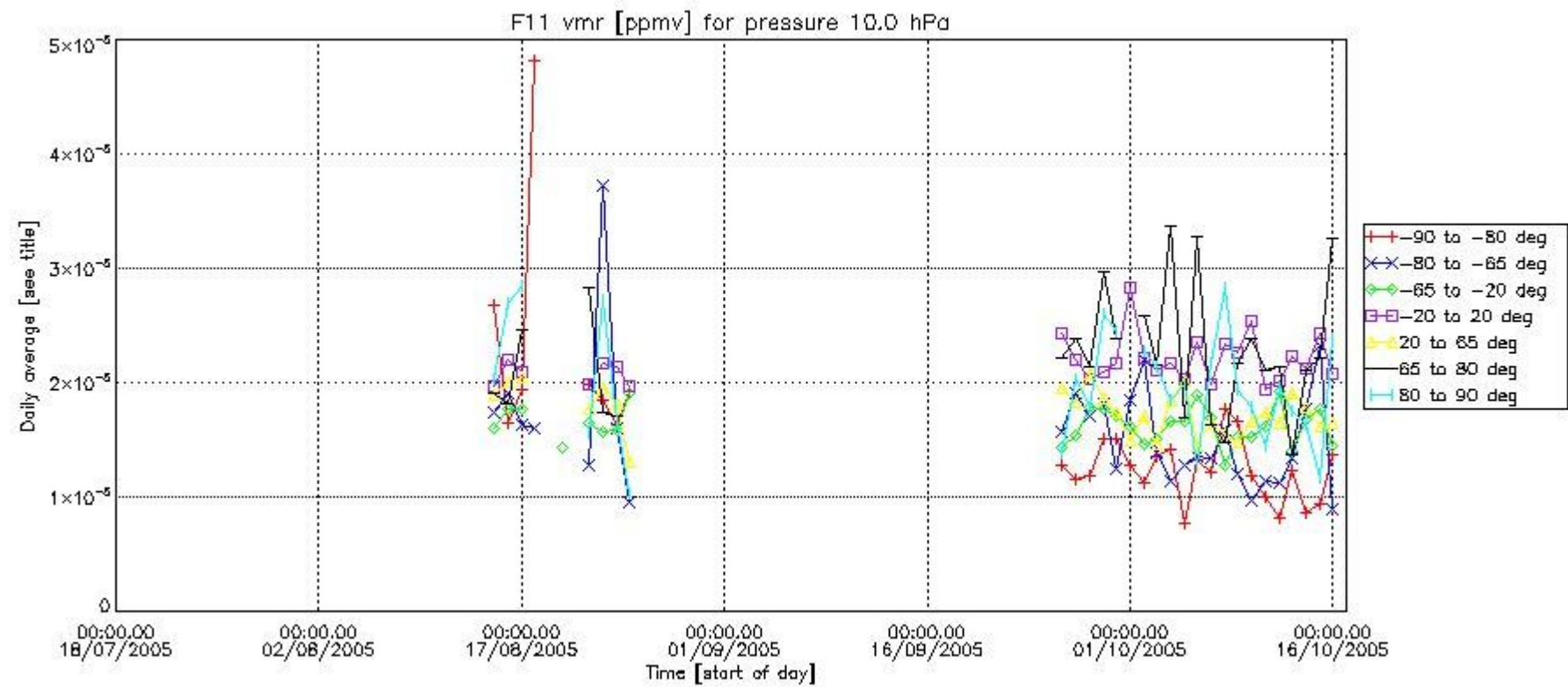


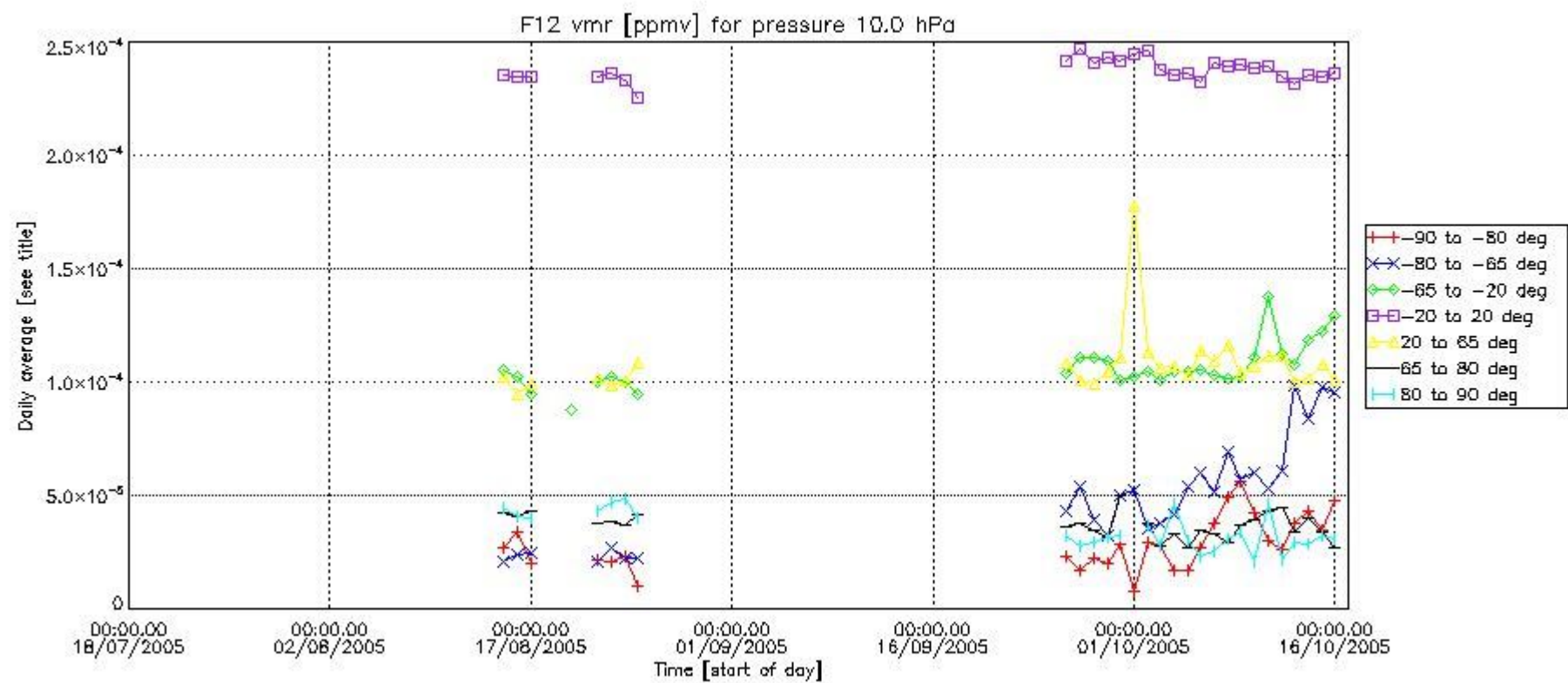
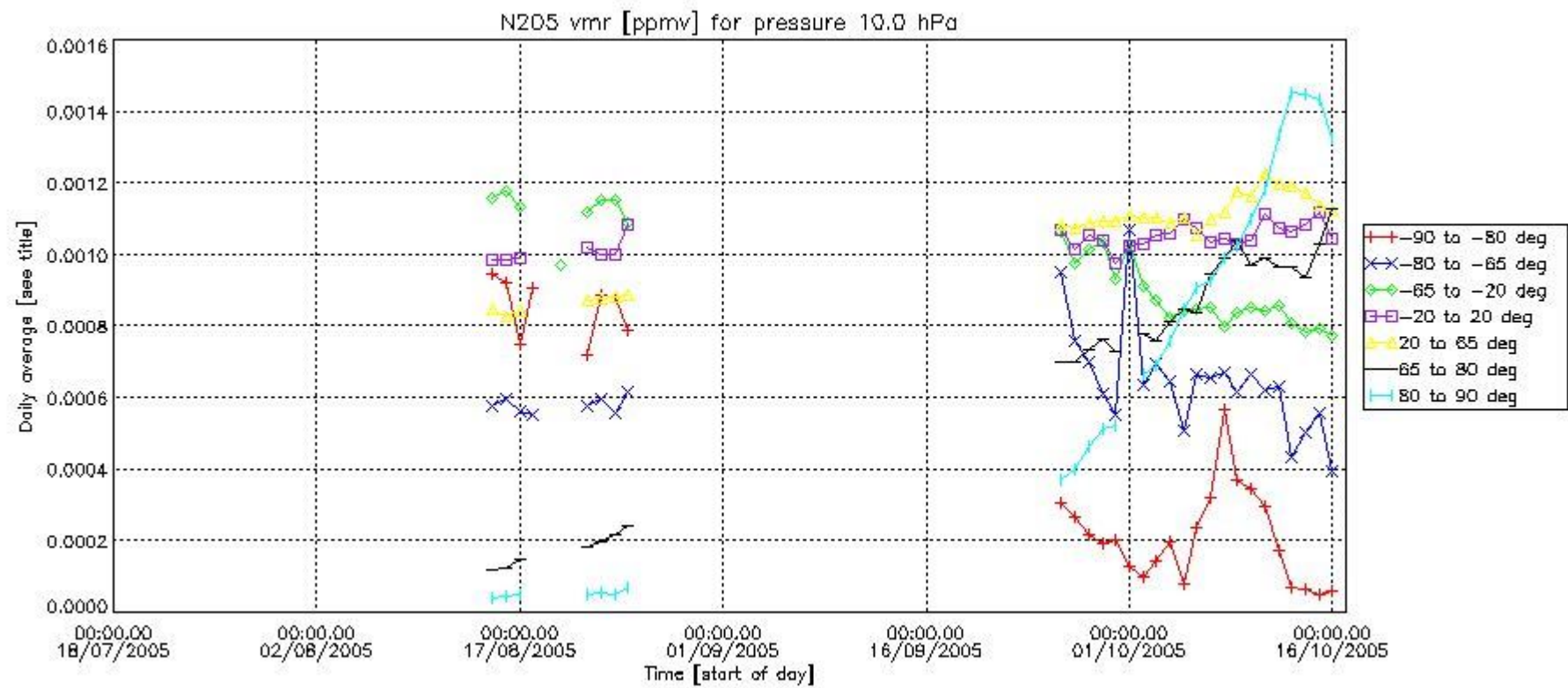


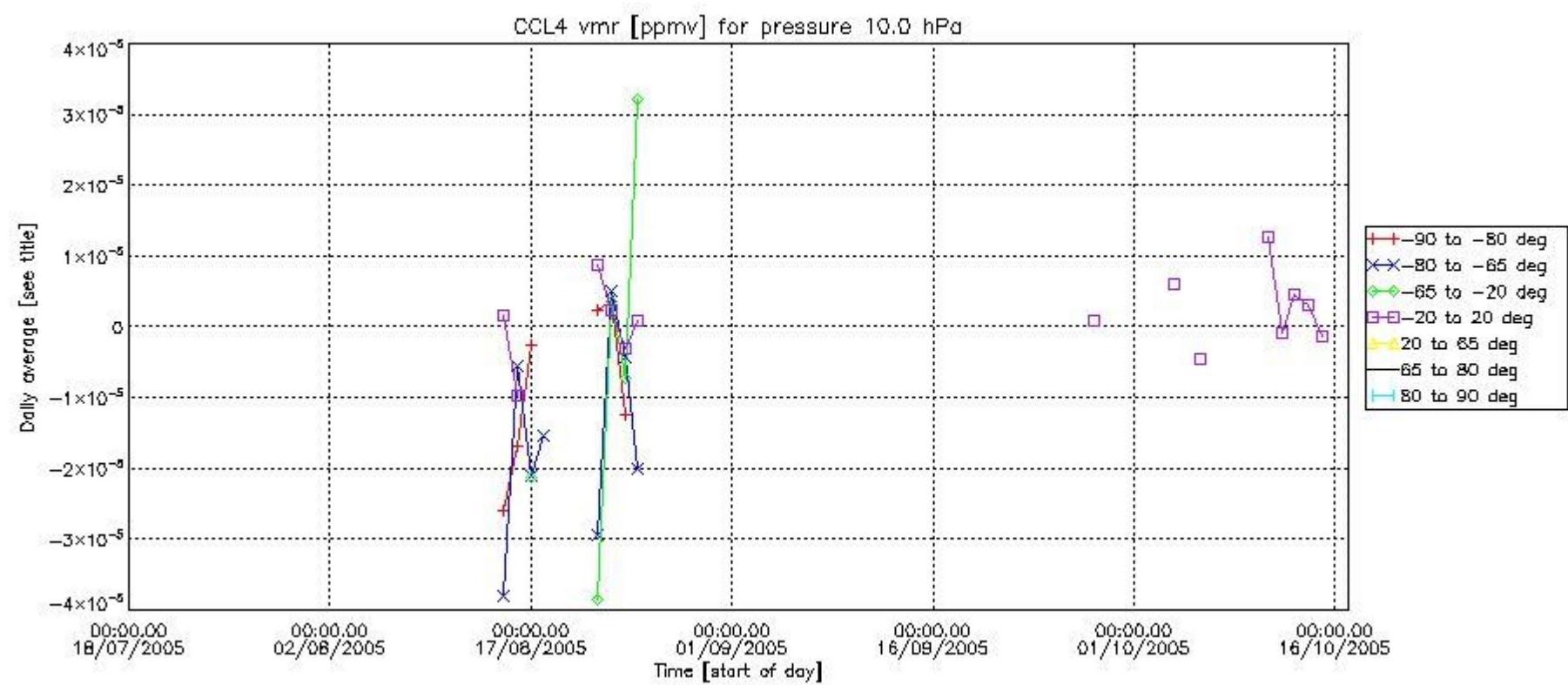
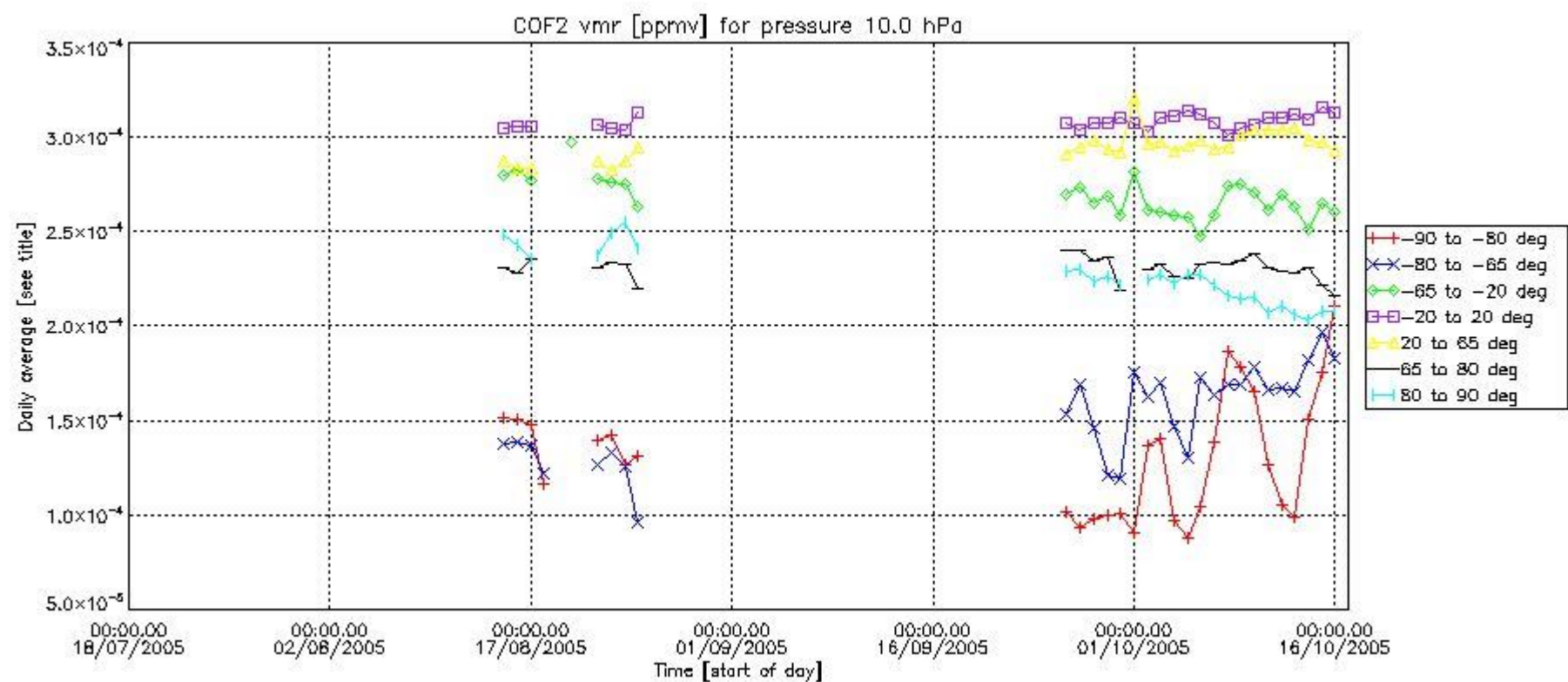


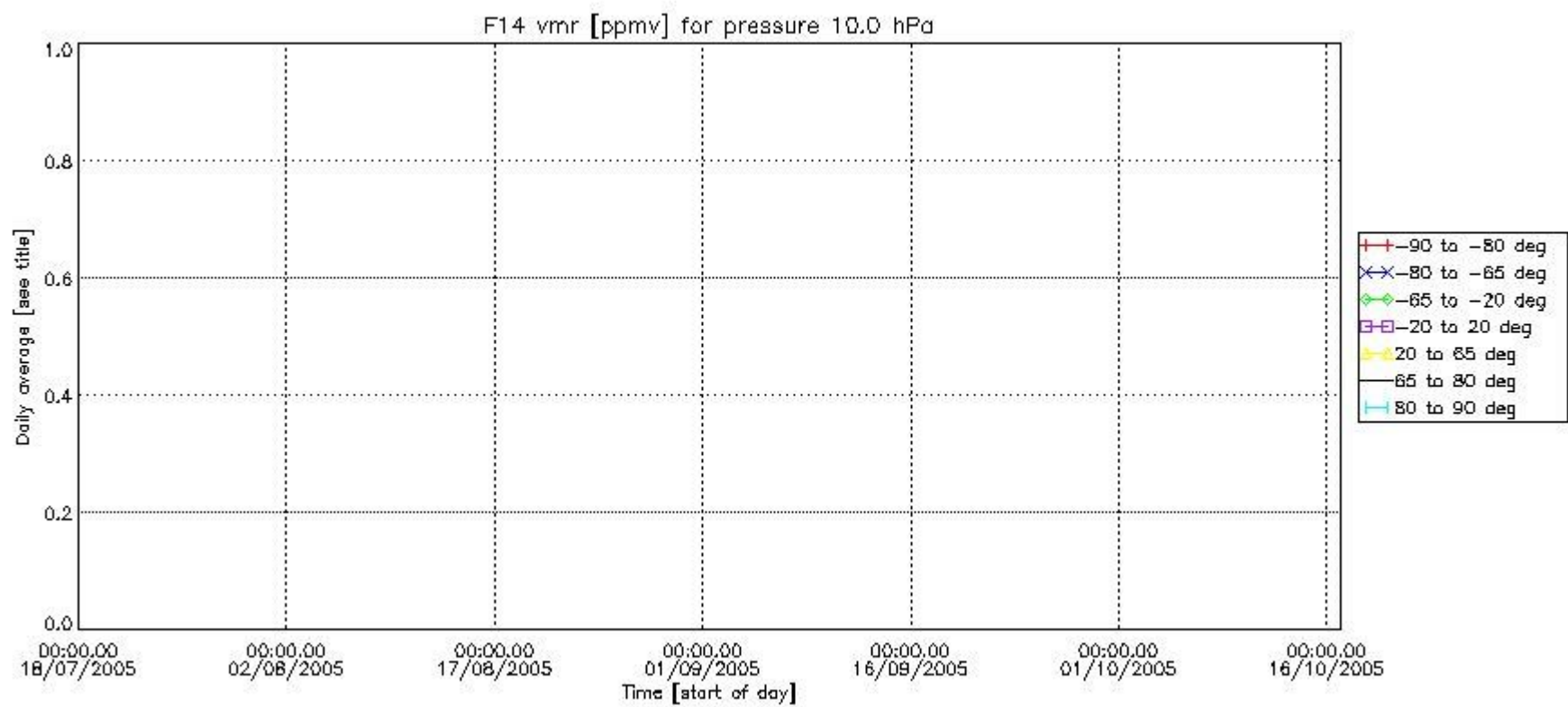
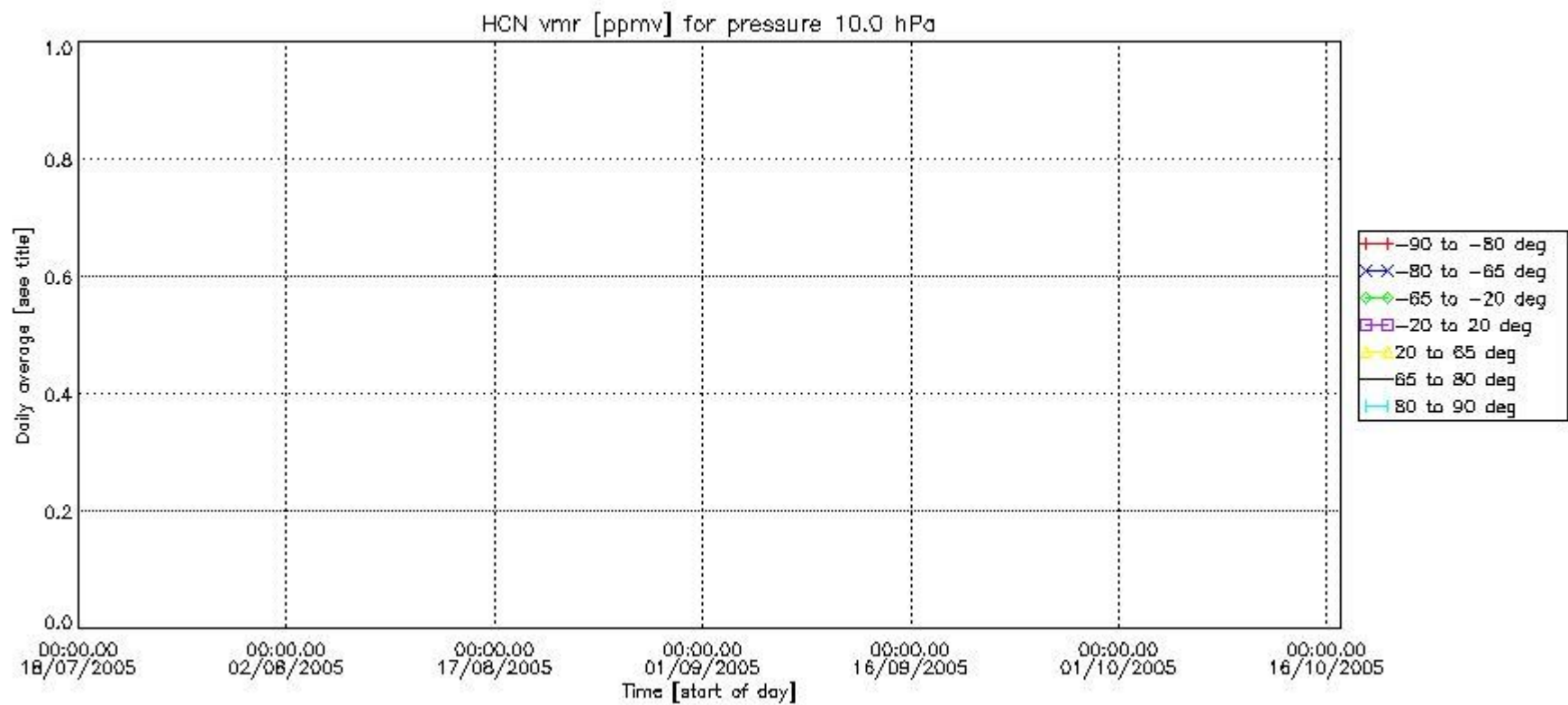


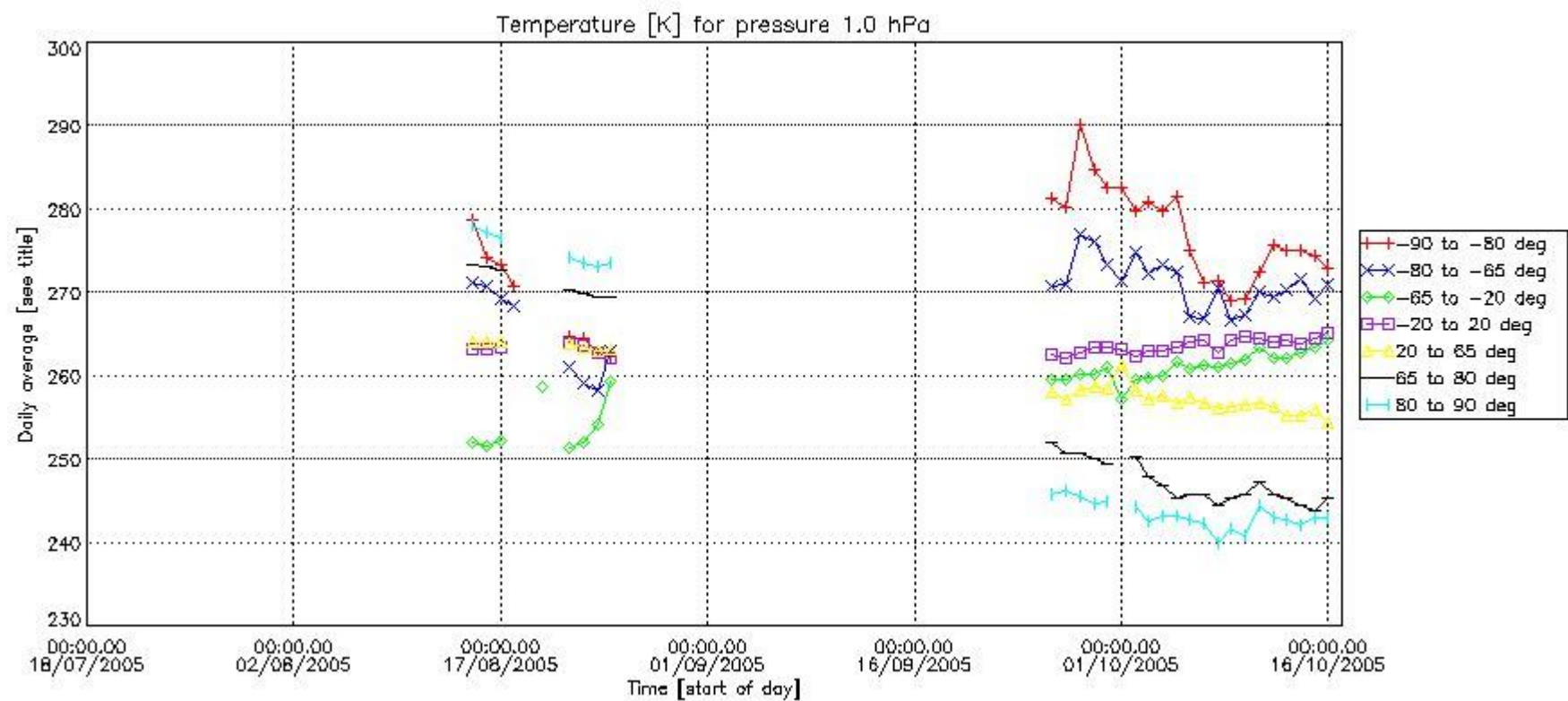
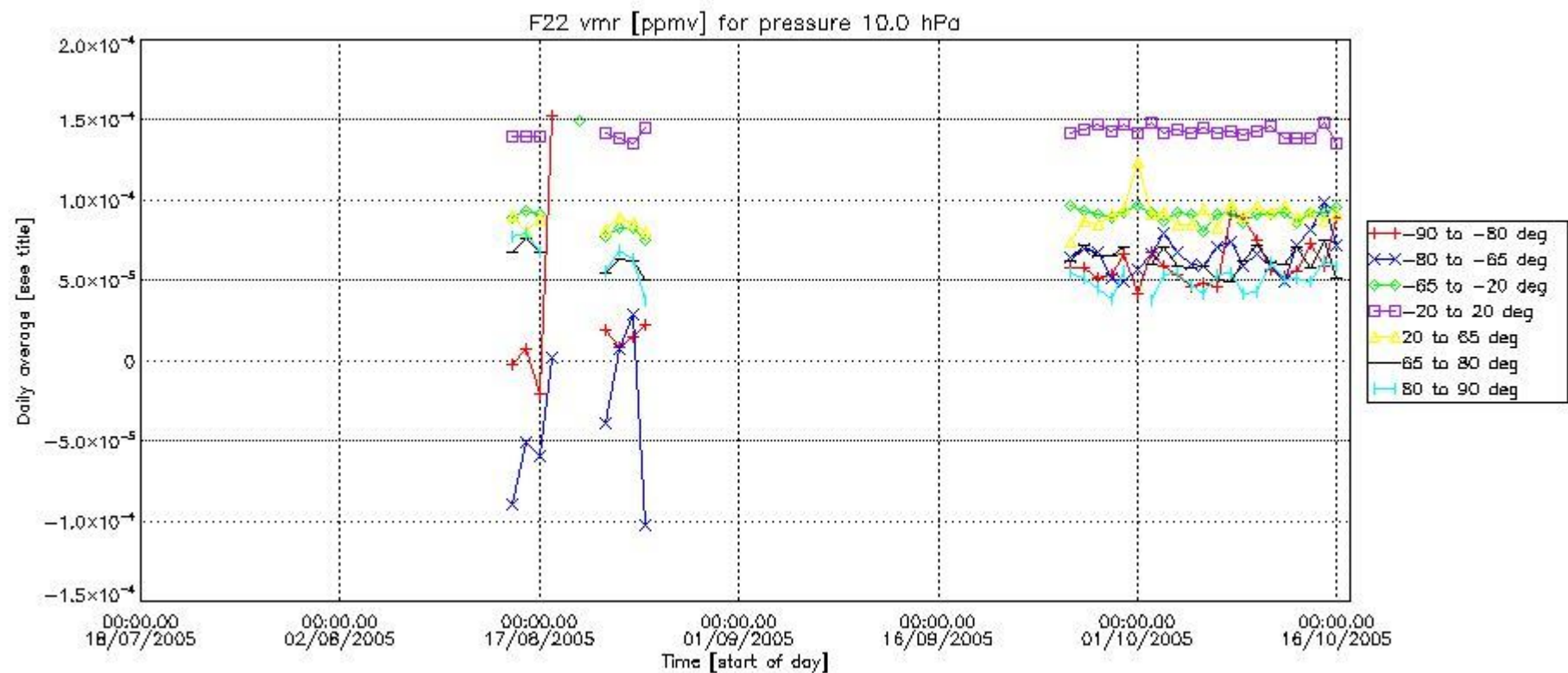


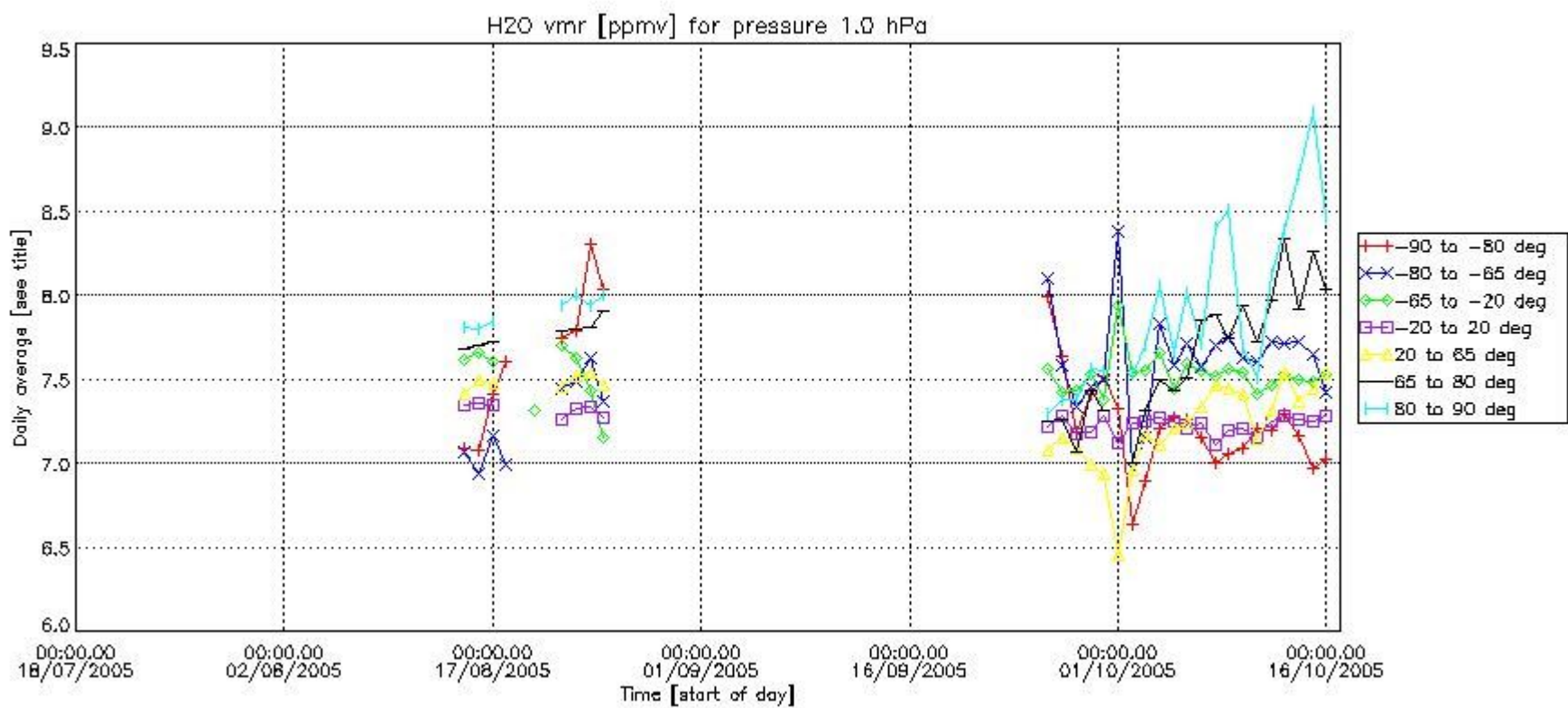
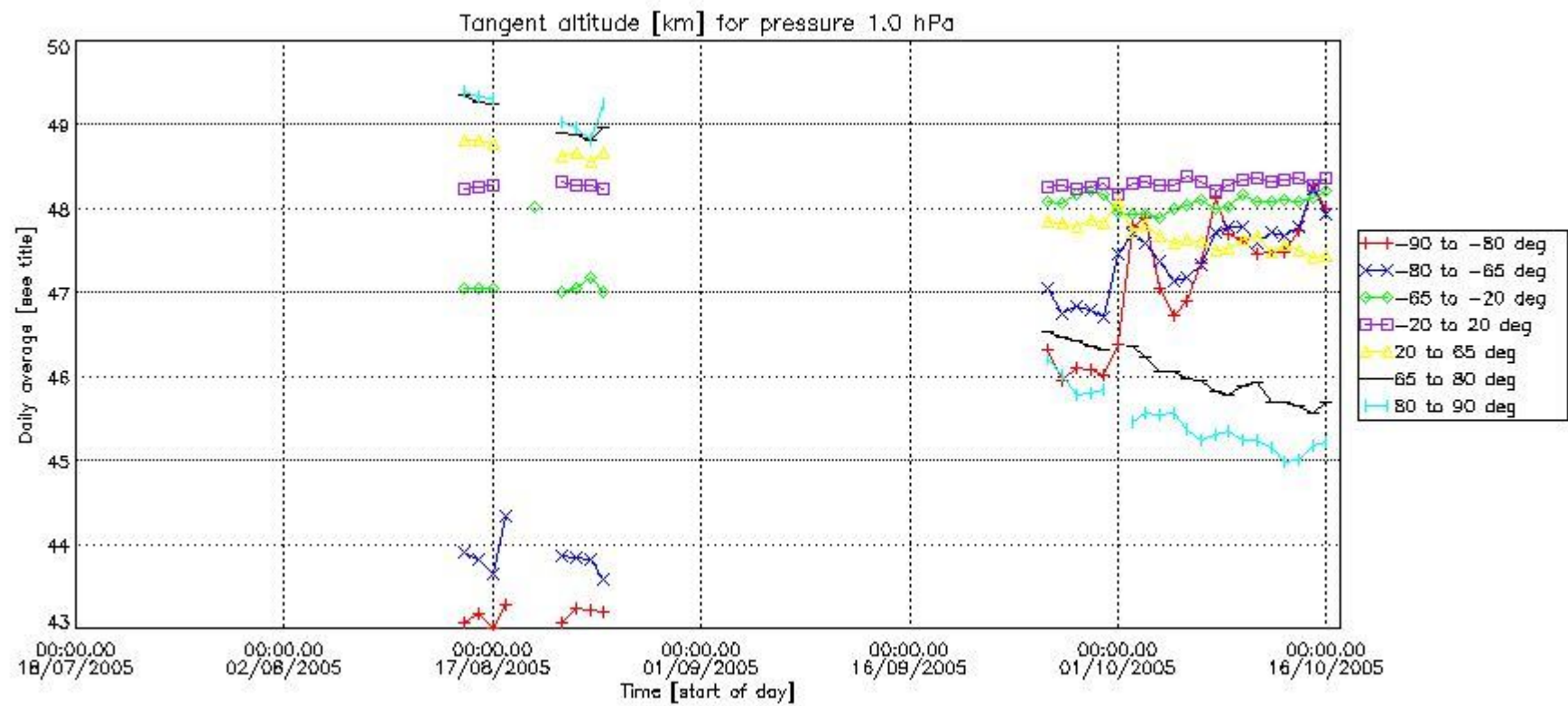


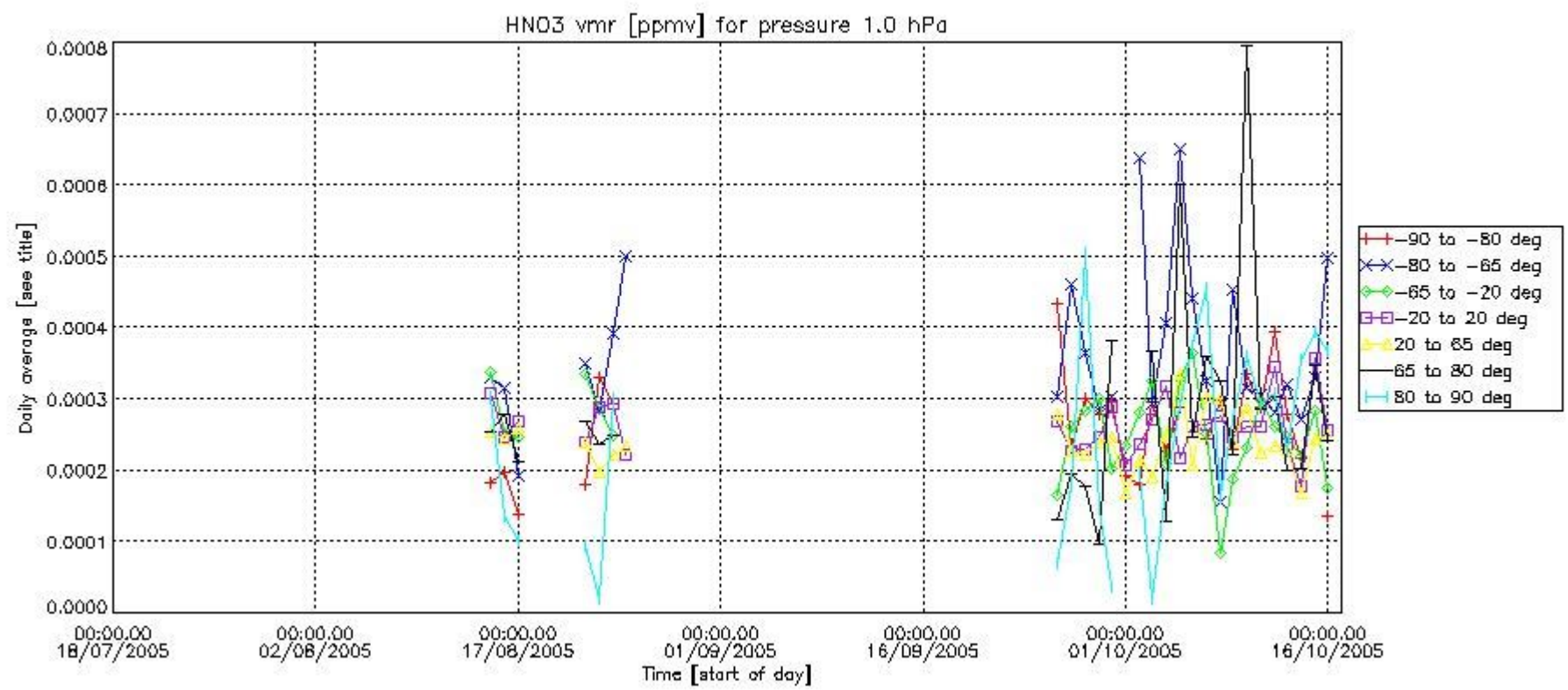
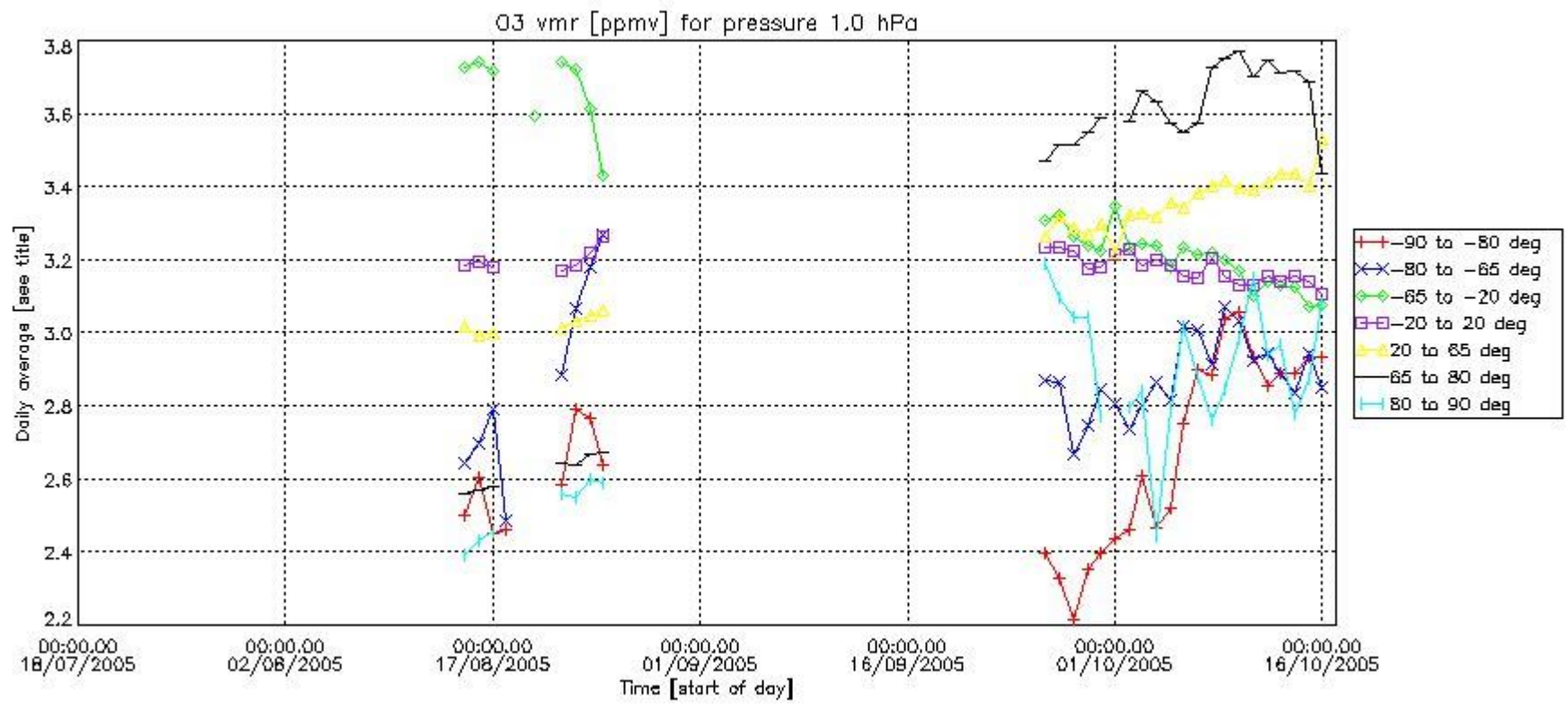


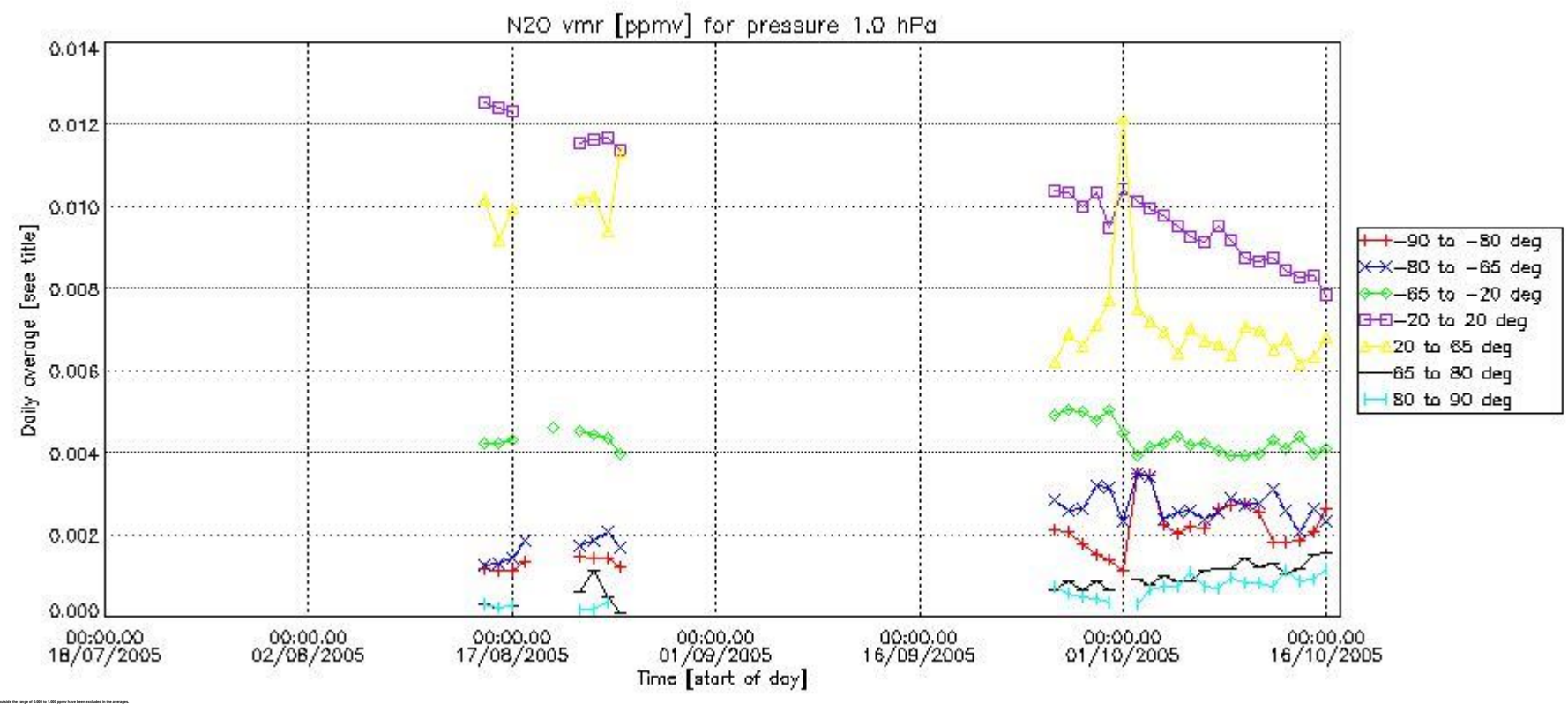
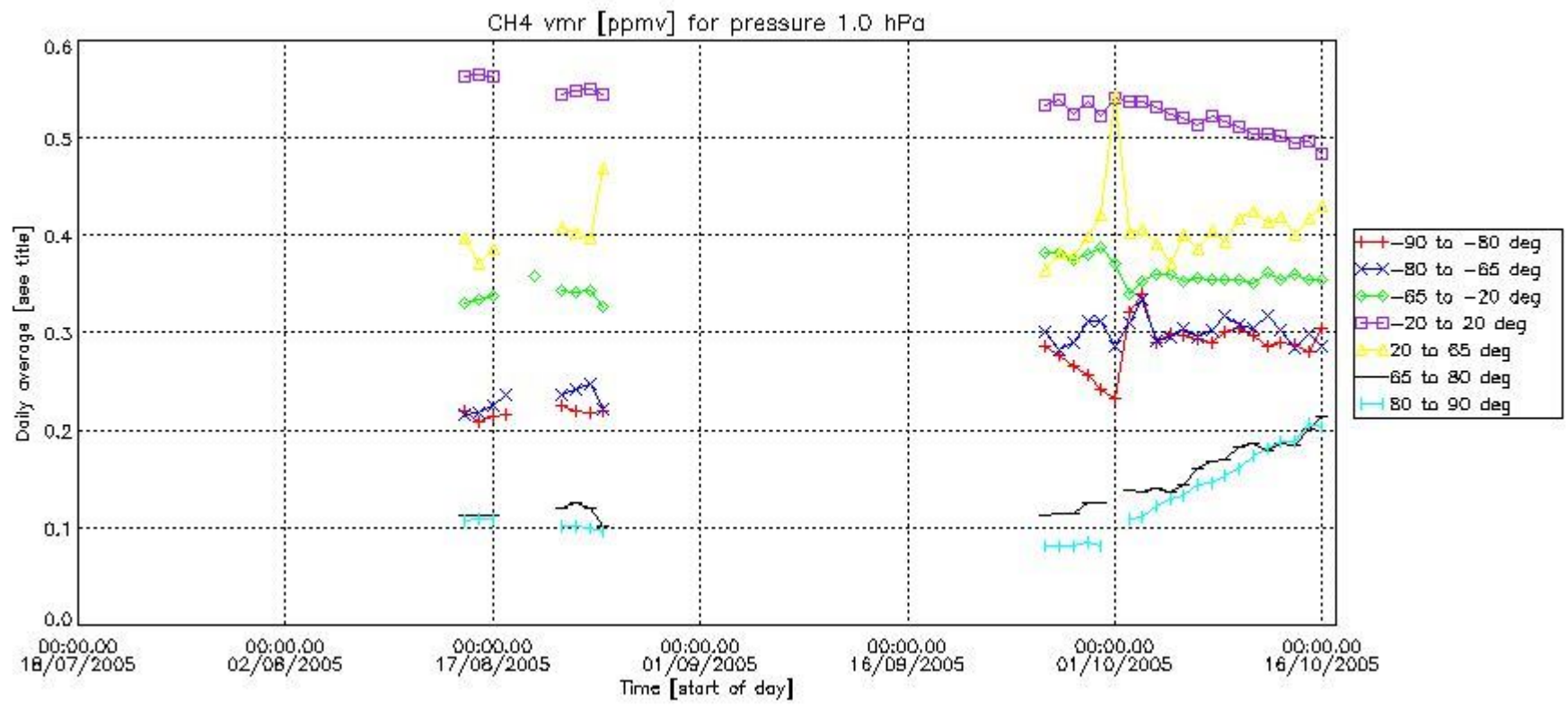


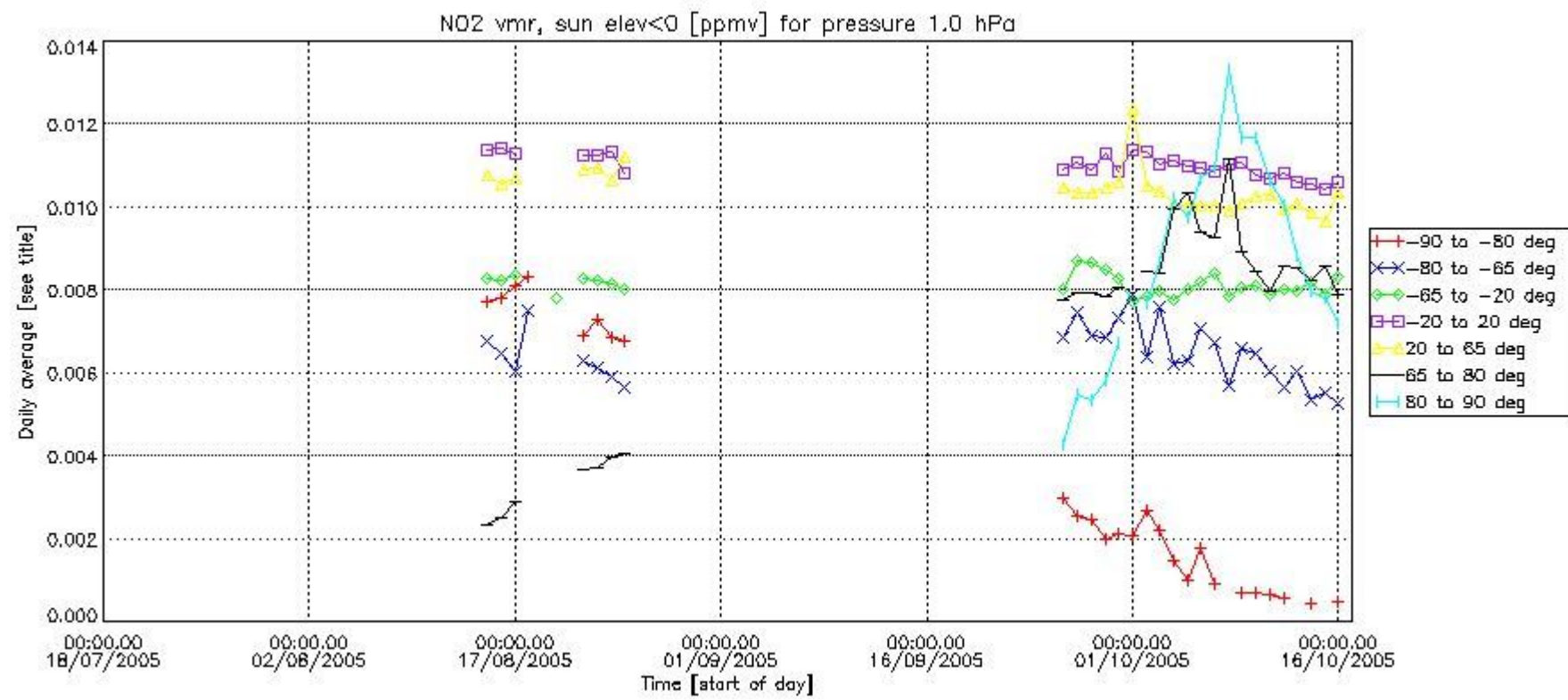
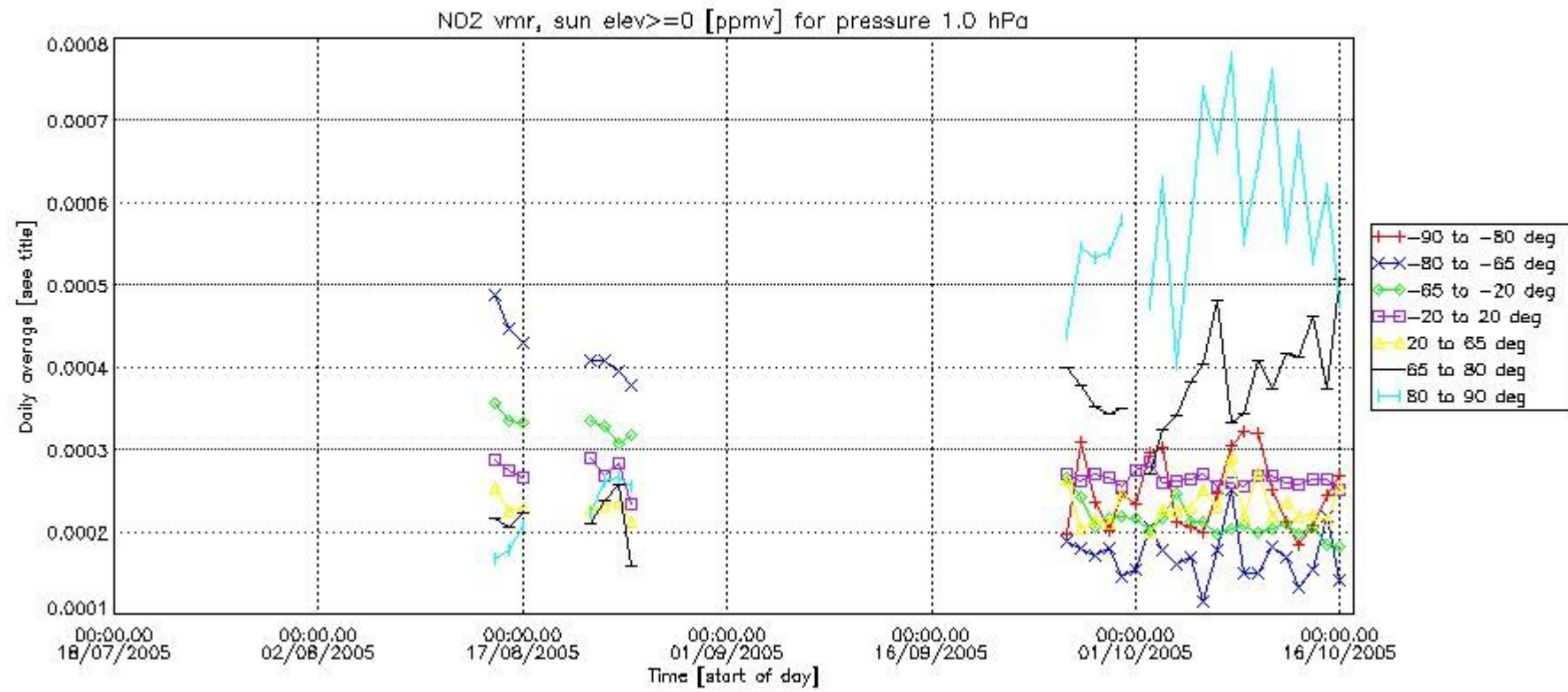


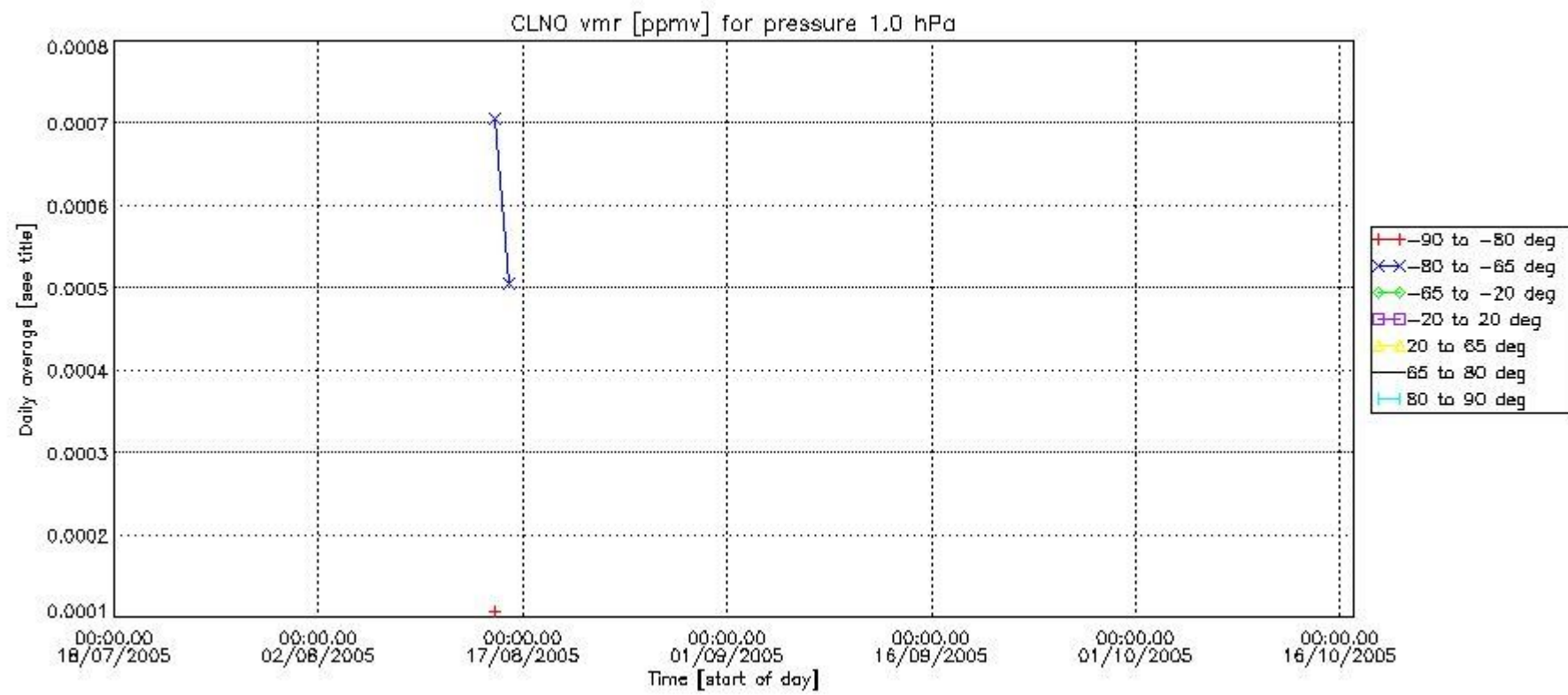
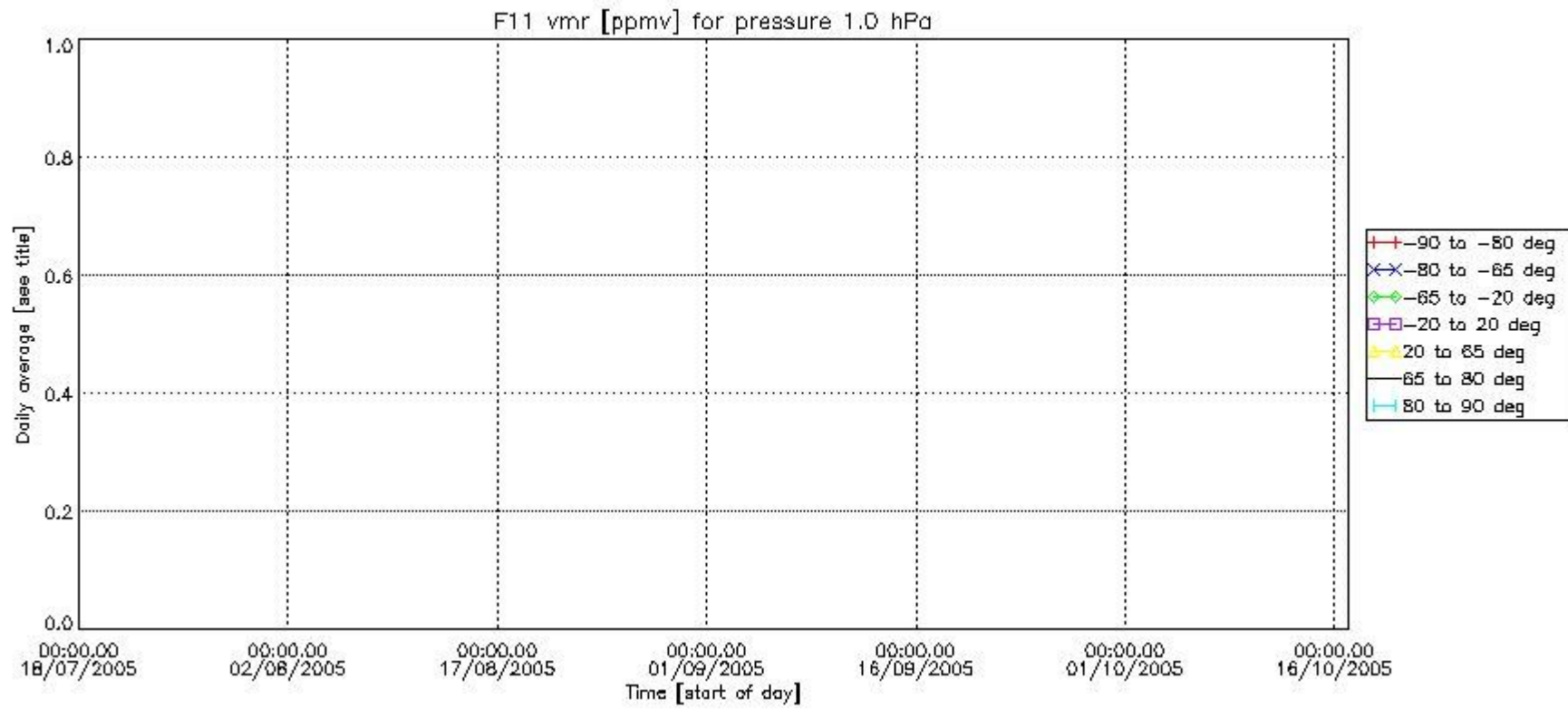


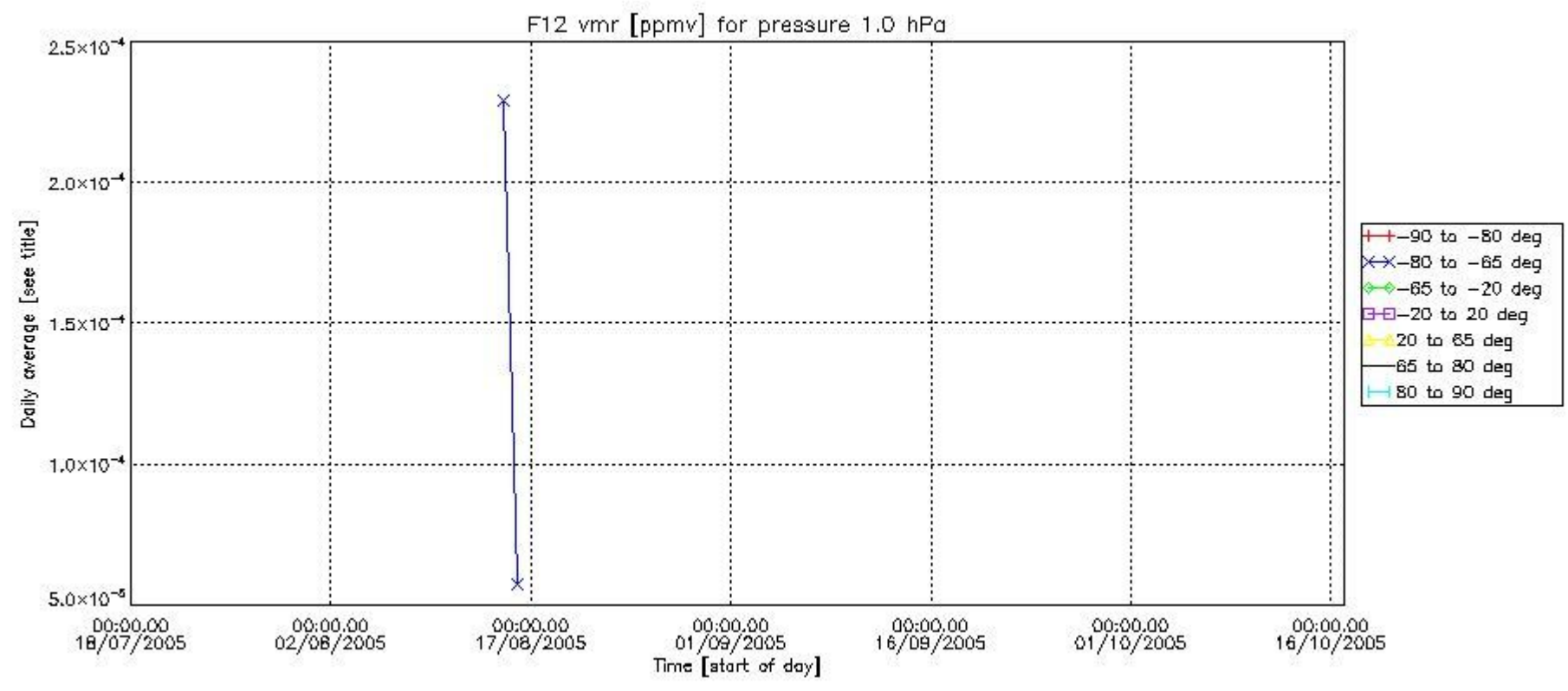
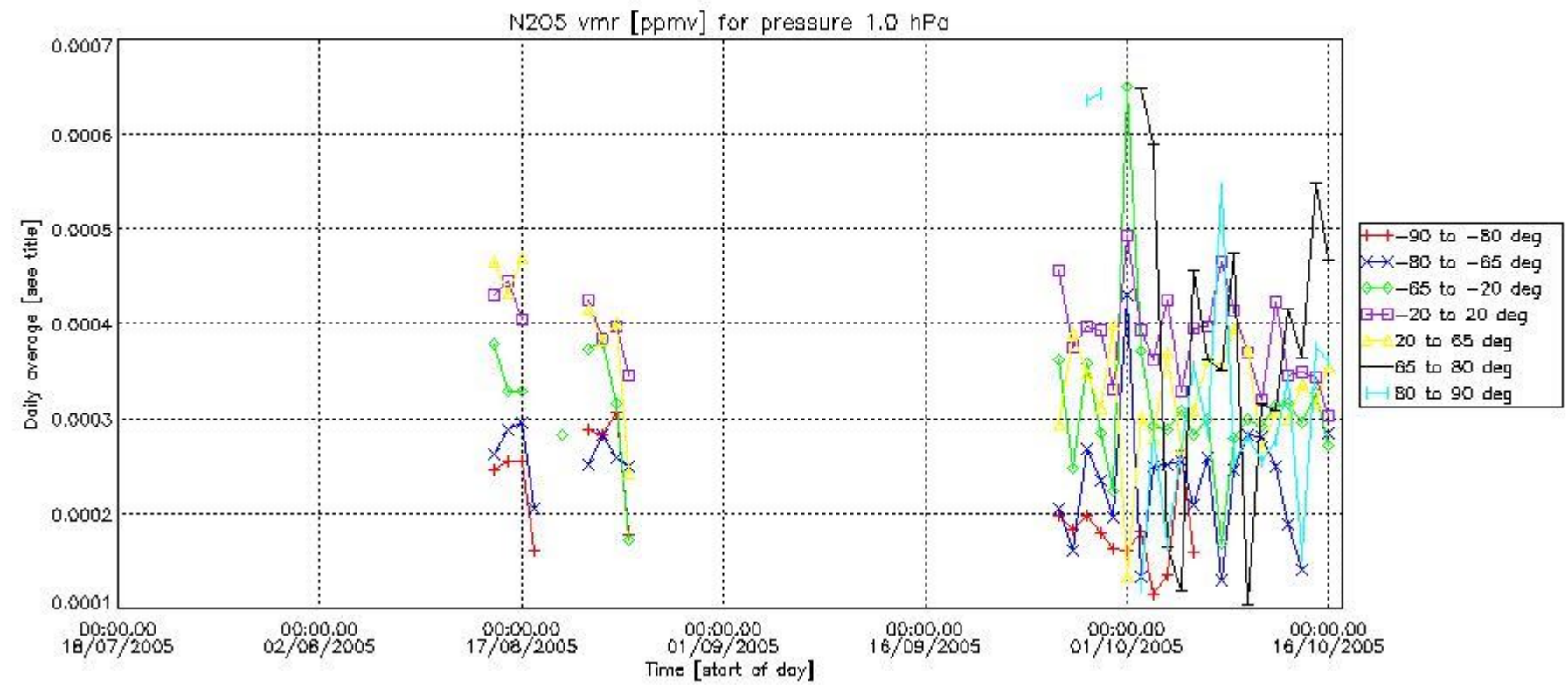


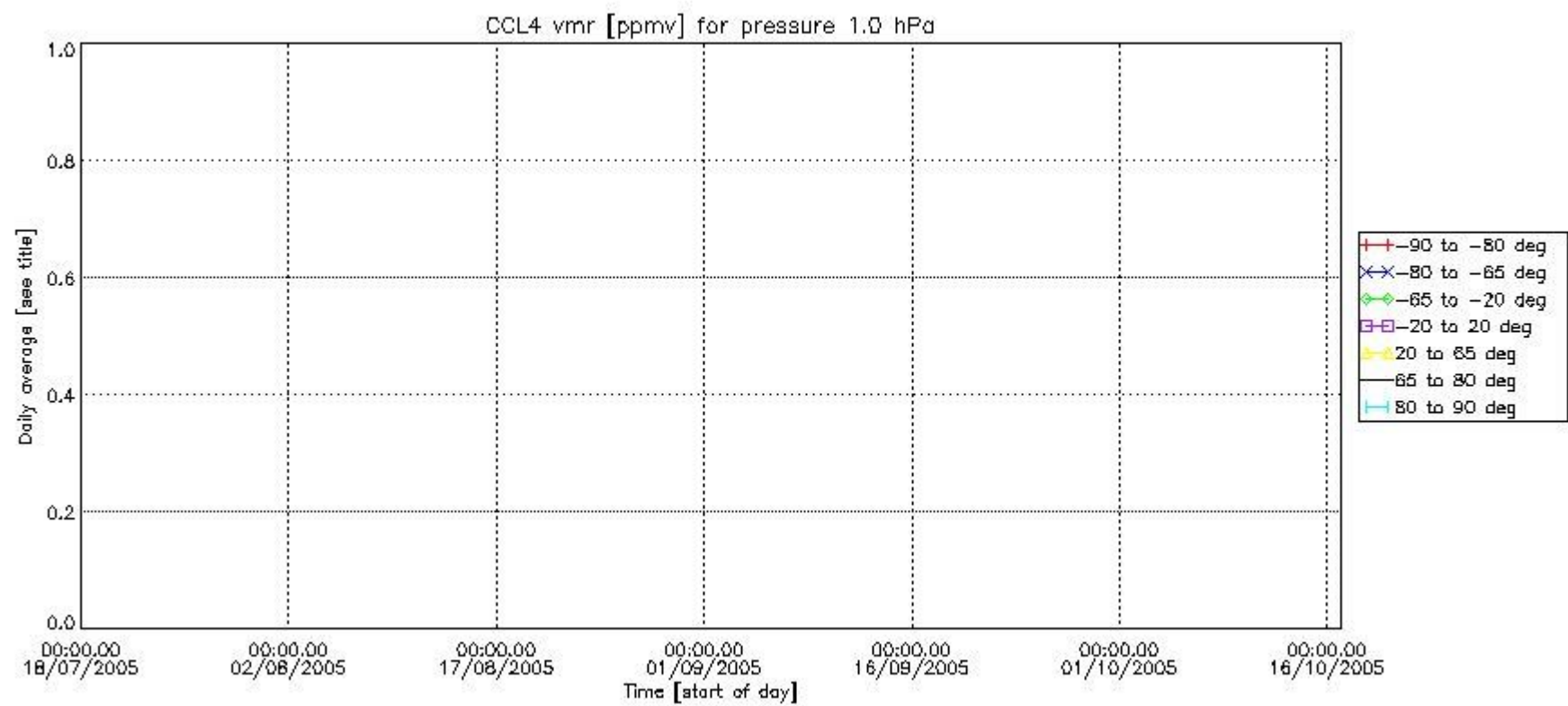
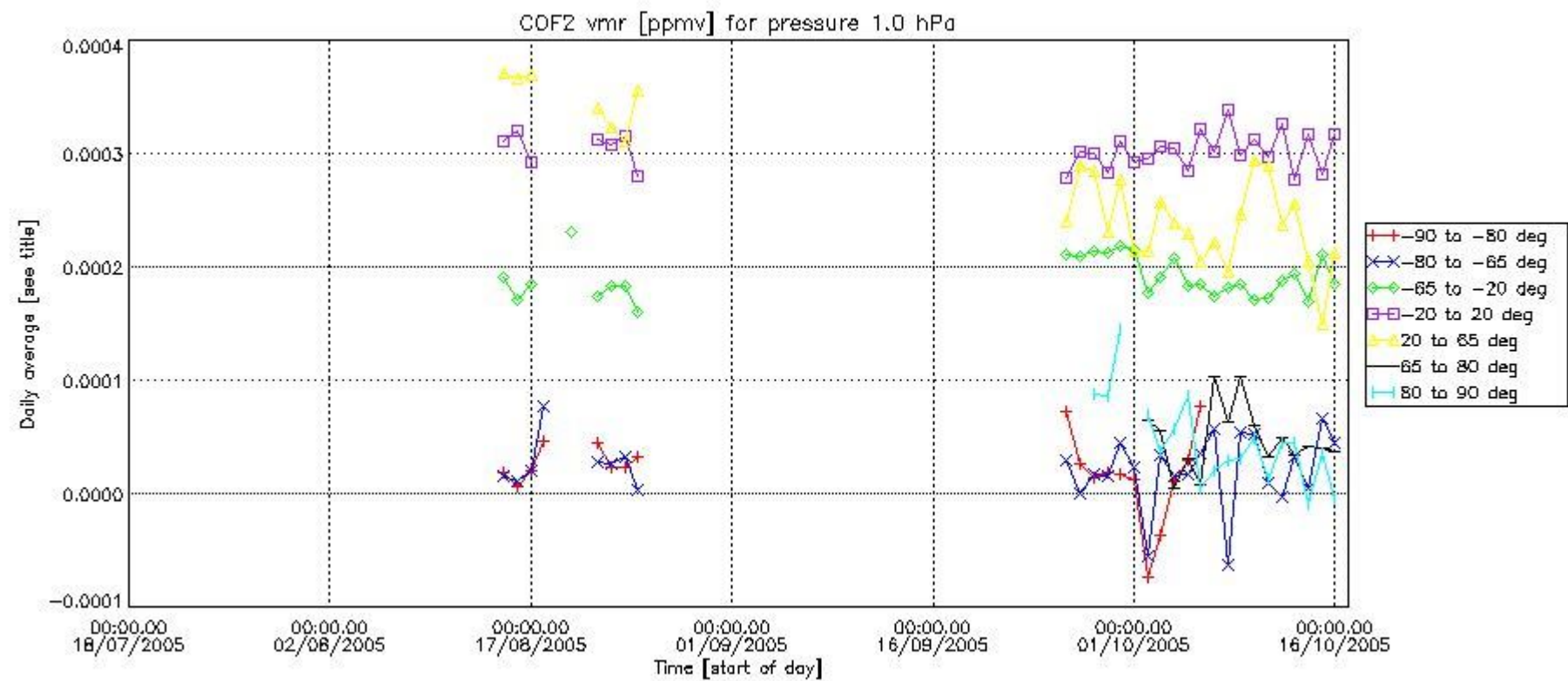


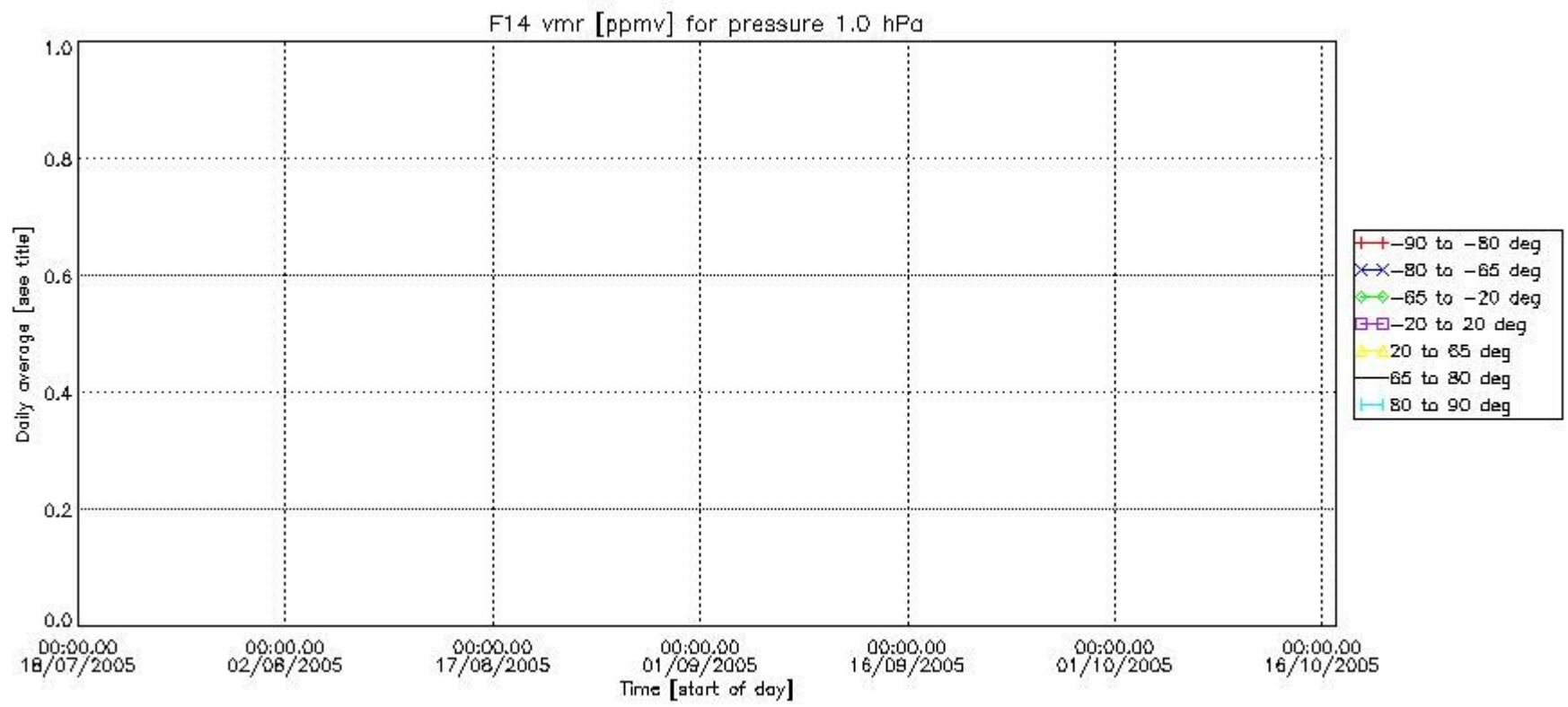
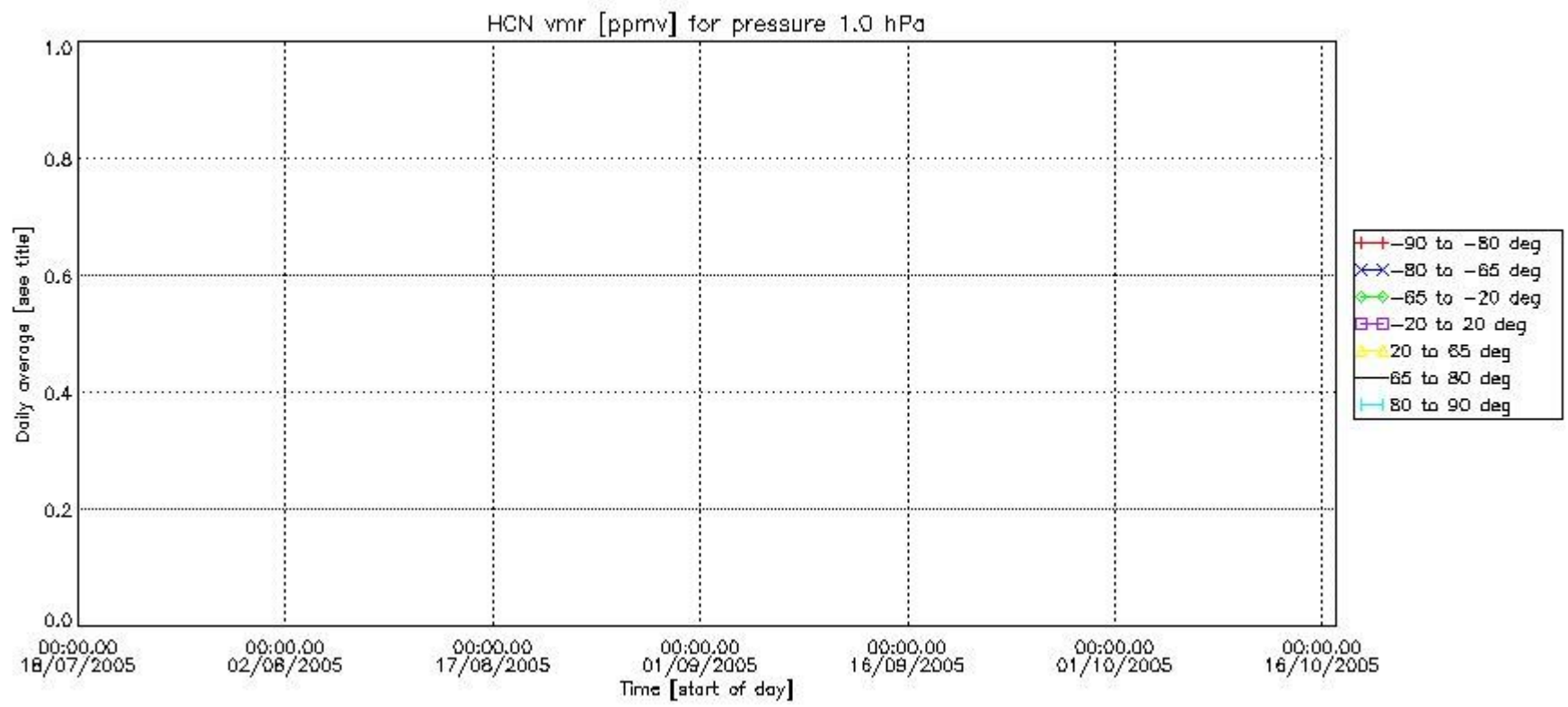


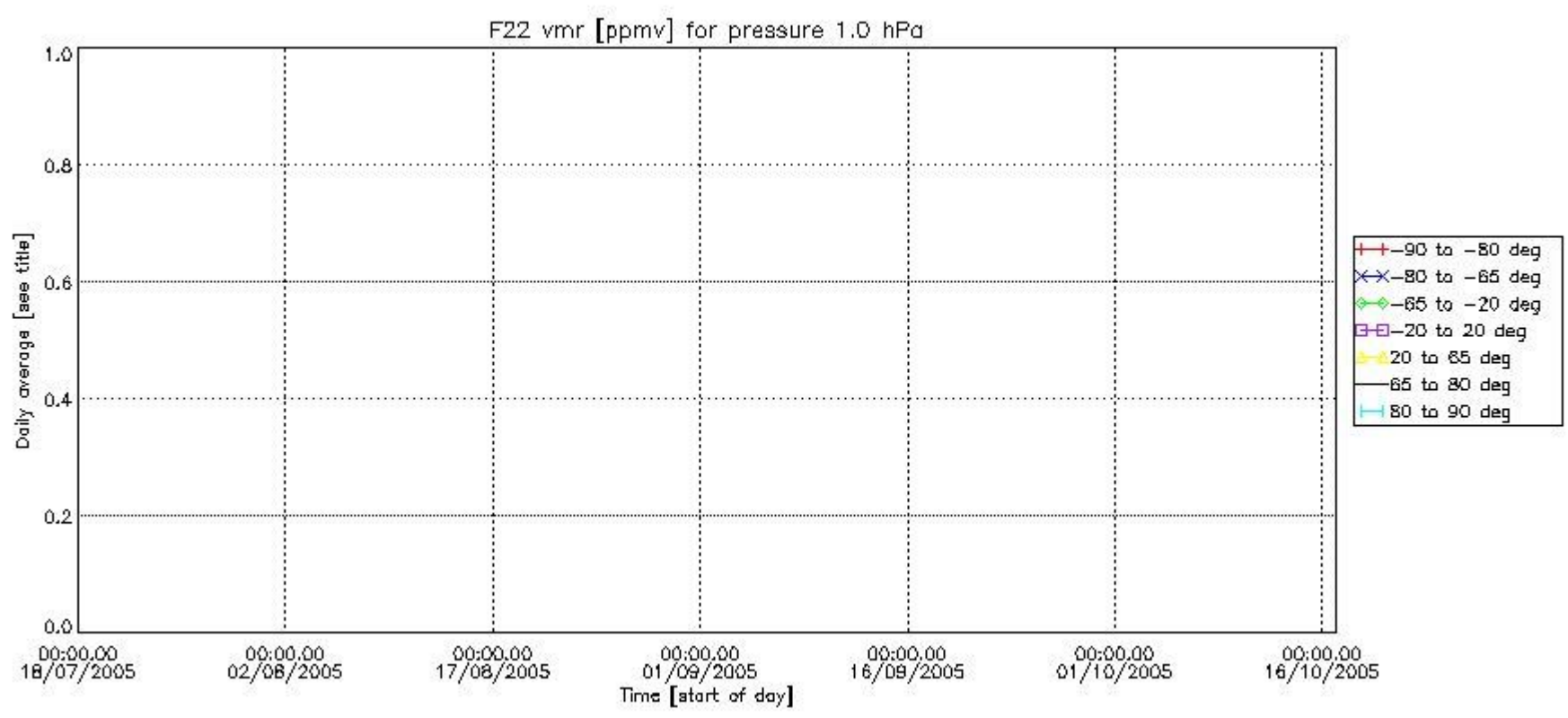












Number of successful retrievals vs. geolocation (*=day side , triangle=night side).

