

2. MIPAS Daily Report for level 2 products summary report

(See [mipas_daily_report_level2_ML2PP_7_03_W_20051005.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 15:22:19
Data source version	ML2PP/7.03-W
Processing scope for products	05OCT2005 00:00:00 to 06OCT2005 00:00:00
Start time of first product within scope	04OCT2005 22:28:57
Stop time of last product within scope	05OCT2005 22:56:08
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__2PWDSI20051004_222857_000060352041_00216_18807_1000.N1	04OCT2005 22:28:57	05OCT2005 00:09:32	0	133/133	VMR_TERM_MACRO_MICRO[HCN/micro:1]
1	MIP_NL__2PWDSI20051005_000939_000005062041_00217_18808_1000.N1	05OCT2005 00:09:39	05OCT2005 00:18:04	0	11/11	
2	MIP_NL__2PWDSI20051005_065535_000057672041_00221_18812_1000.N1	05OCT2005 06:55:35	05OCT2005 08:31:42	0	103/103	
3	MIP_NL__2PWDSI20051005_083232_000050352041_00222_18813_1000.N1	05OCT2005 08:32:32	05OCT2005 09:56:27	0	106/106	VMR_TERM_MACRO_MICRO[F14/macro:2]
4	MIP_NL__2PWDSI20051005_183947_000057662041_00228_18819_1000.N1	05OCT2005 18:39:47	05OCT2005 20:15:54	0	103/103	VMR_TERM_MACRO_MICRO[HCN/macro:1; HCN/micro:1]
5	MIP_NL__2PWDSI20051005_201644_000060302041_00229_18820_1000.N1	05OCT2005 20:16:44	05OCT2005 21:57:14	0	128/128	VMR_TERM_MACRO_MICRO[F14/macro:1]
6	MIP_NL__2PWDSI20051005_215720_000035282041_00230_18821_1000.N1	05OCT2005 21:57:20	05OCT2005 22:56:08	0	73/73	VMR_TERM_MACRO_MICRO[HCN/macro:1; HCN/micro:1]

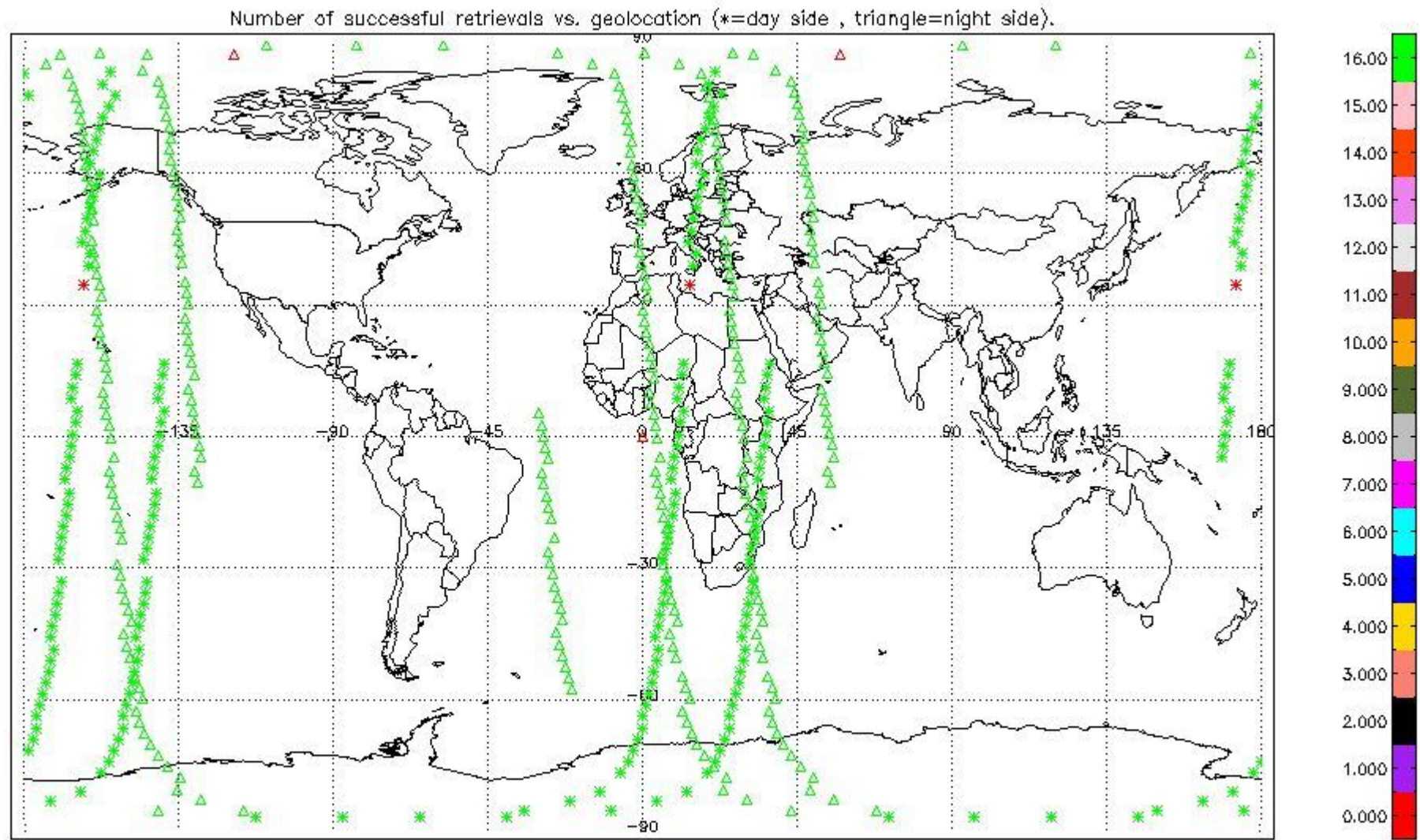
2.2 Processing performance indicators

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.

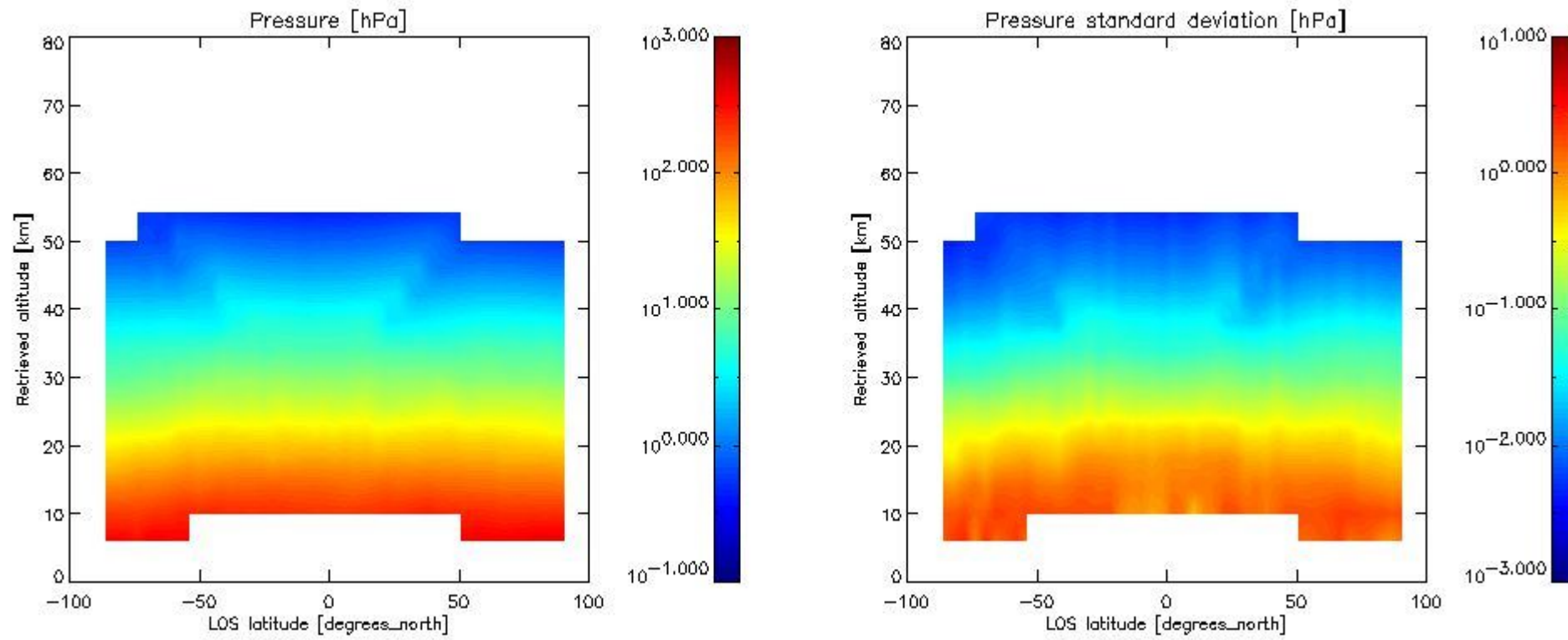
RETRIEVAL MDS	# scans processed	# Successful retrievals	%
PT	657	527	80.213
H2O	657	527	80.213
O3	657	527	80.213

HNO3	657	527	80.213
CH4	657	527	80.213
N2O	657	527	80.213
NO2	657	527	80.213
F11	657	527	80.213
CLNO	657	527	80.213
N2O5	657	527	80.213
F12	657	527	80.213
COF2	657	527	80.213
CCL4	657	527	80.213
HCN	657	527	80.213
F14	657	527	80.213
F22	657	527	80.213



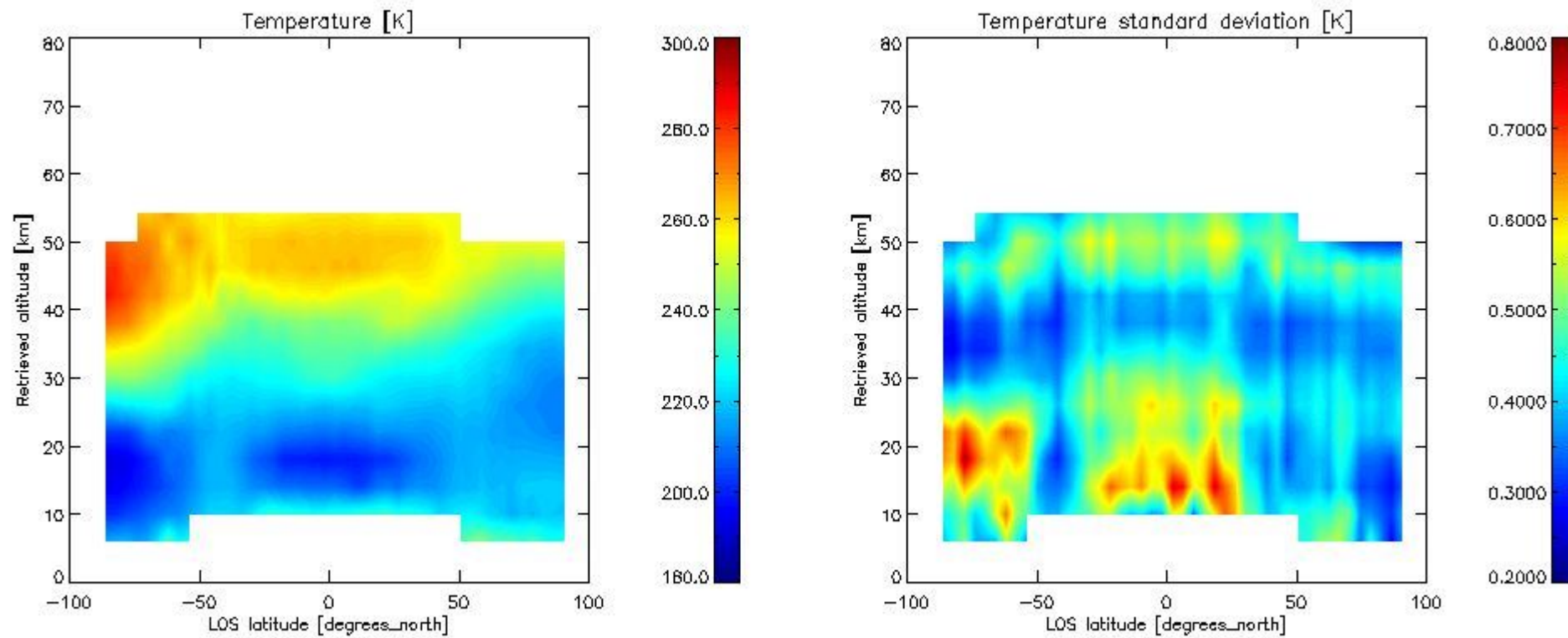
2.2.2 Pressure overview

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



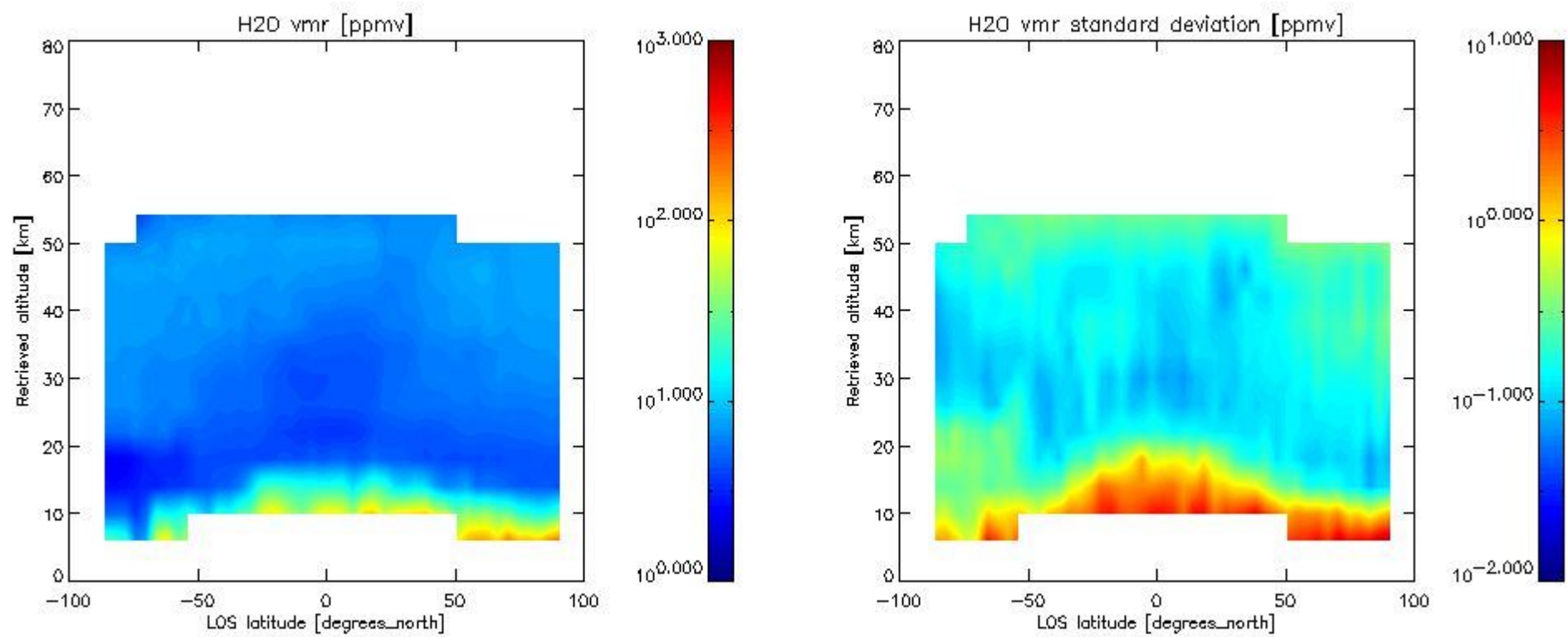
2.2.3 Temperature overview

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

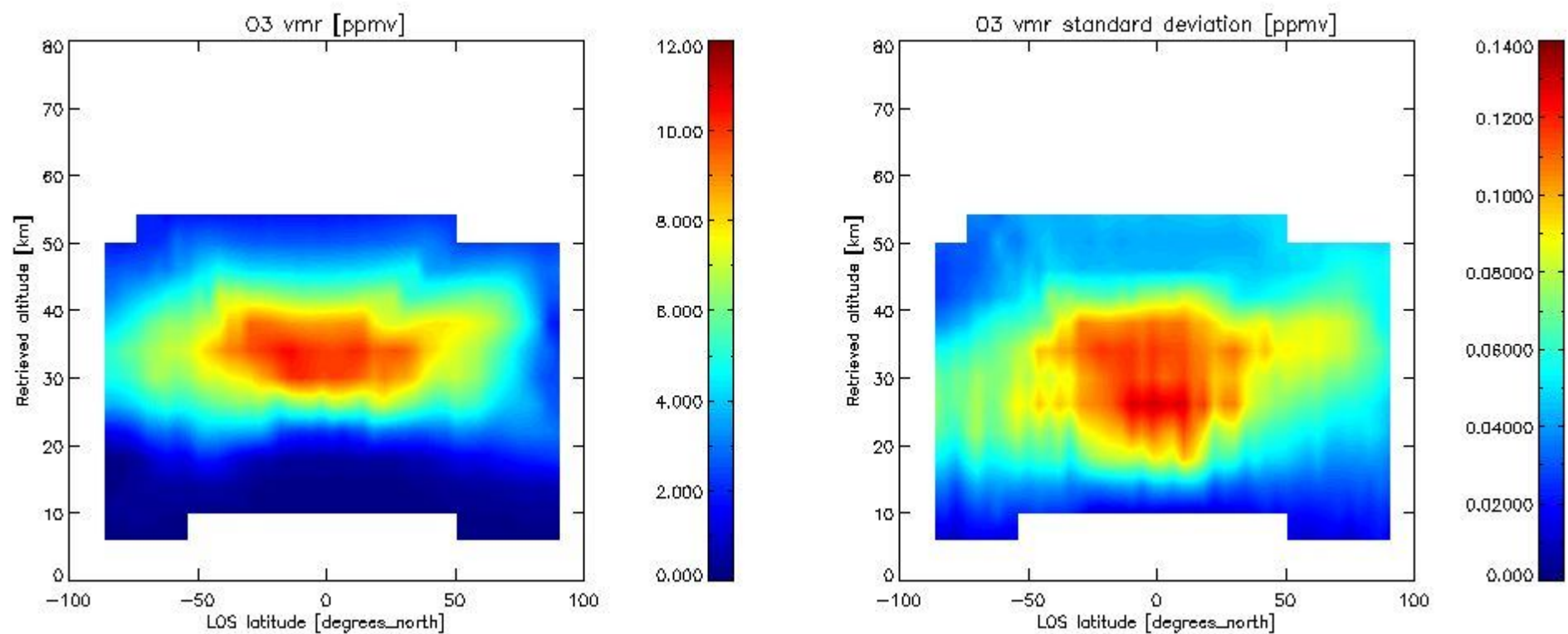


2.2.4 Species overview

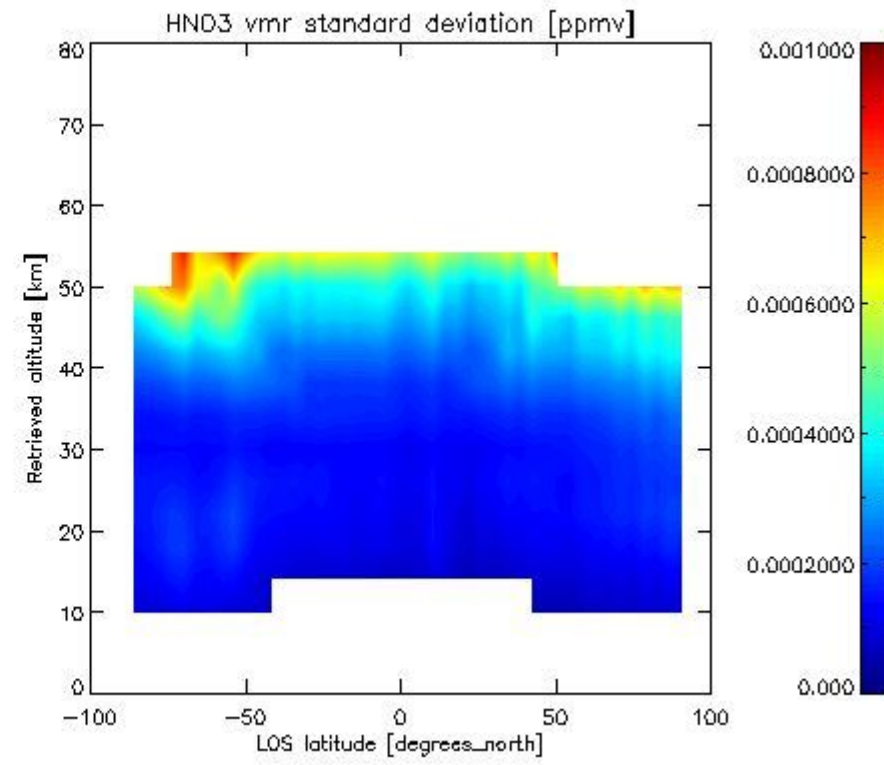
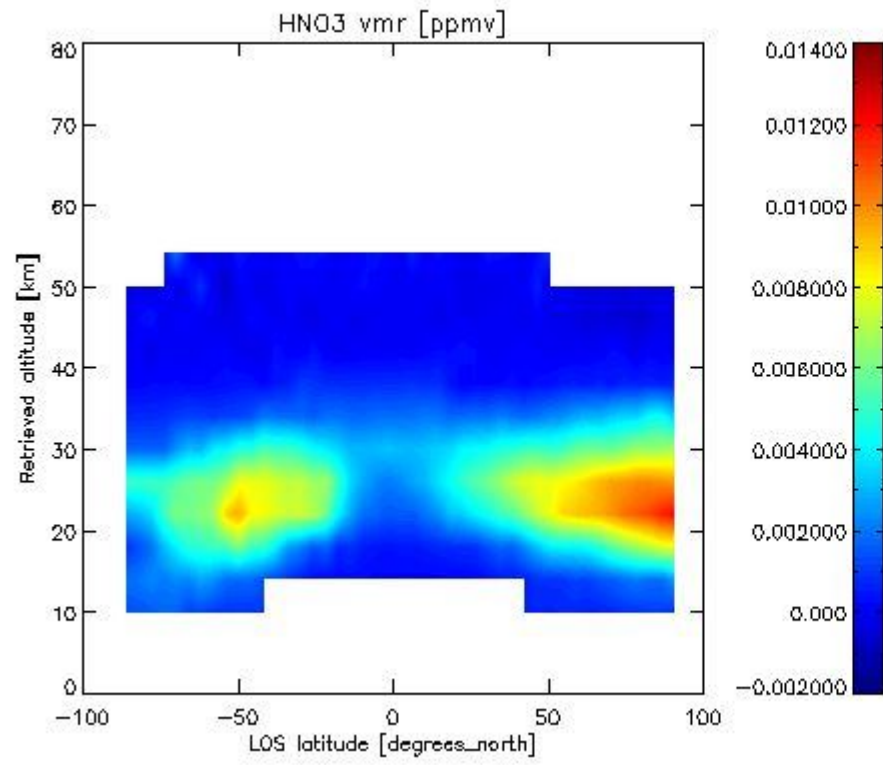
2.2.4.1 H₂O overview This section shows values (left) and error (right) for H₂O after binning individual sweep values over retrieved altitude and tangent latitude.



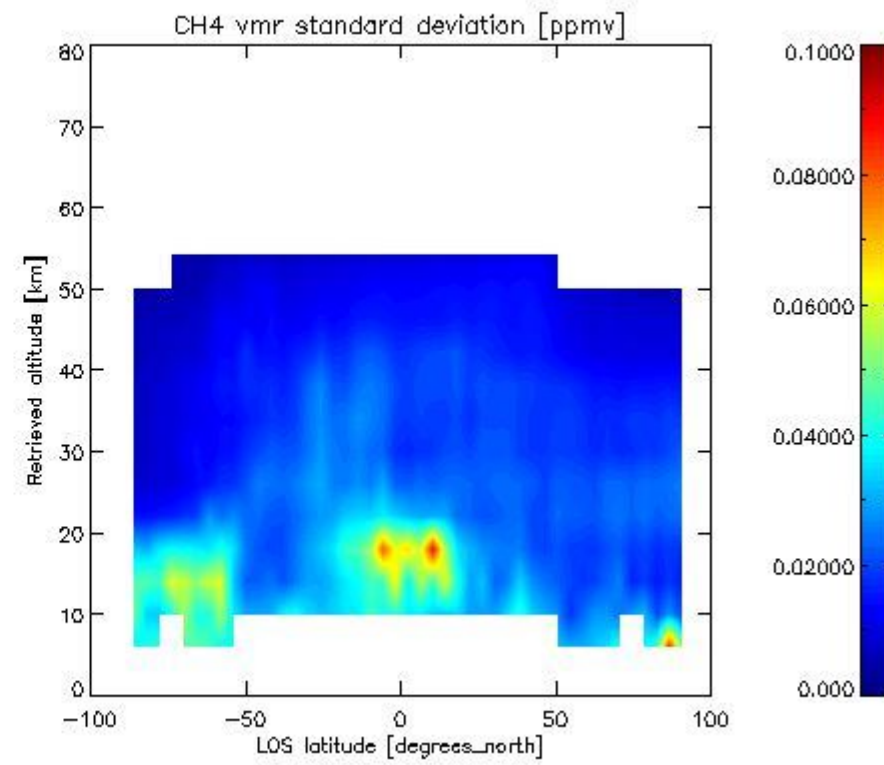
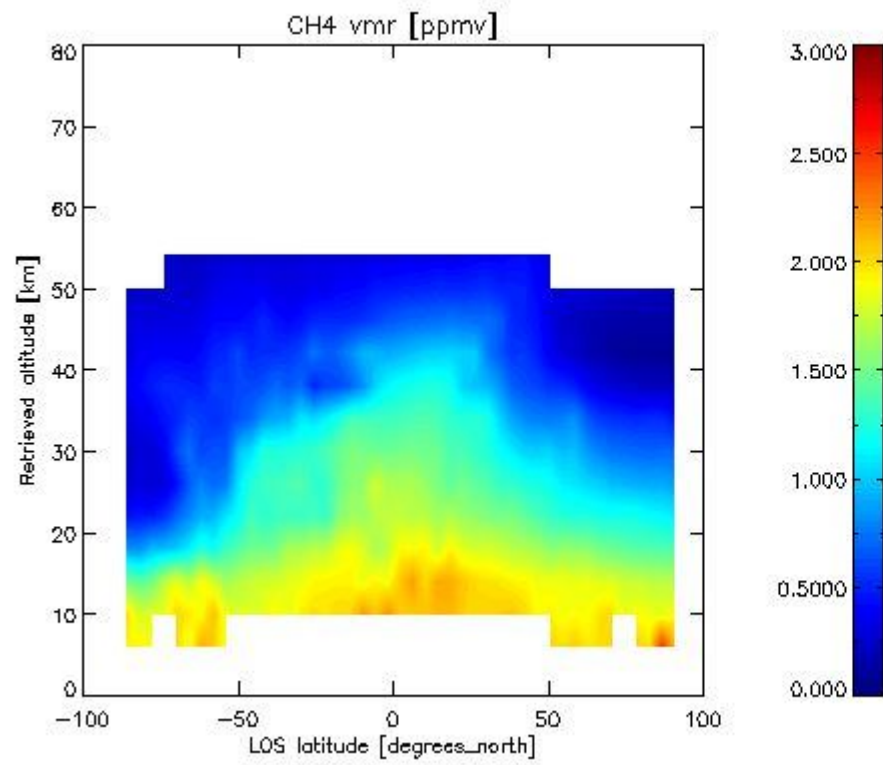
2.2.4.2 O3 overview This section shows values (left) and error (right) for O3 after binning individual sweep values over retrieved altitude and tangent latitude.



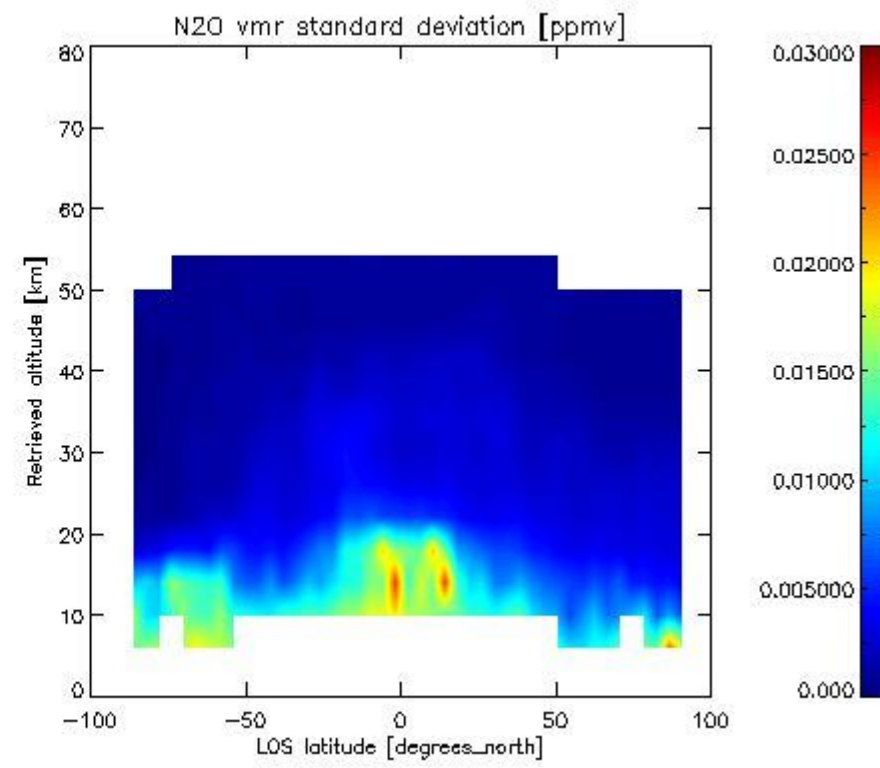
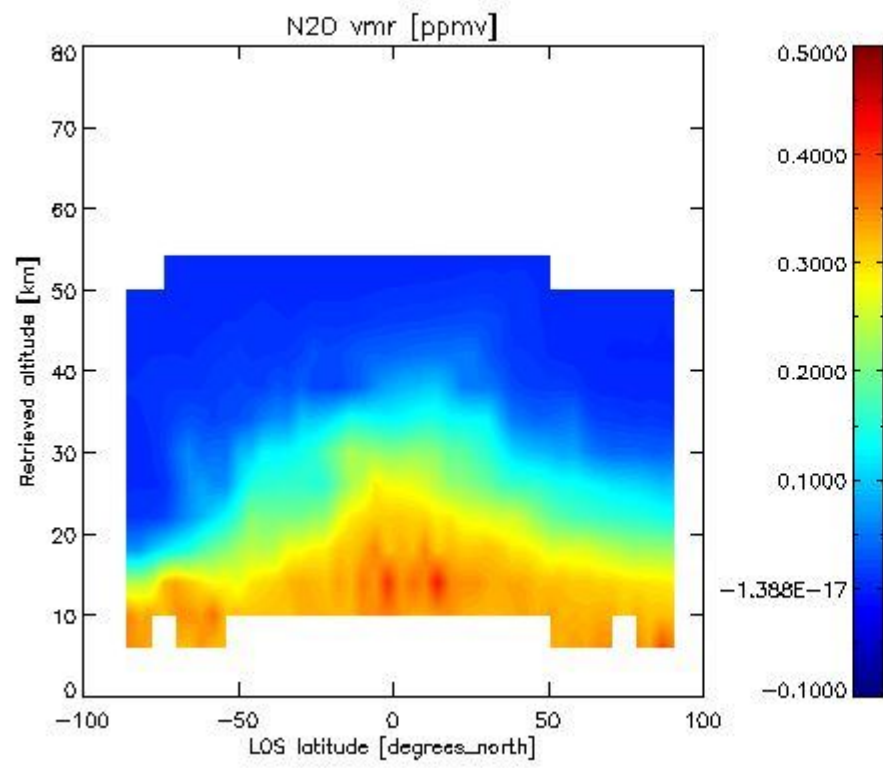
2.2.4.3 HNO3 overview This section shows values (left) and error (right) for HNO3 after binning individual sweep values over retrieved altitude and tangent latitude.



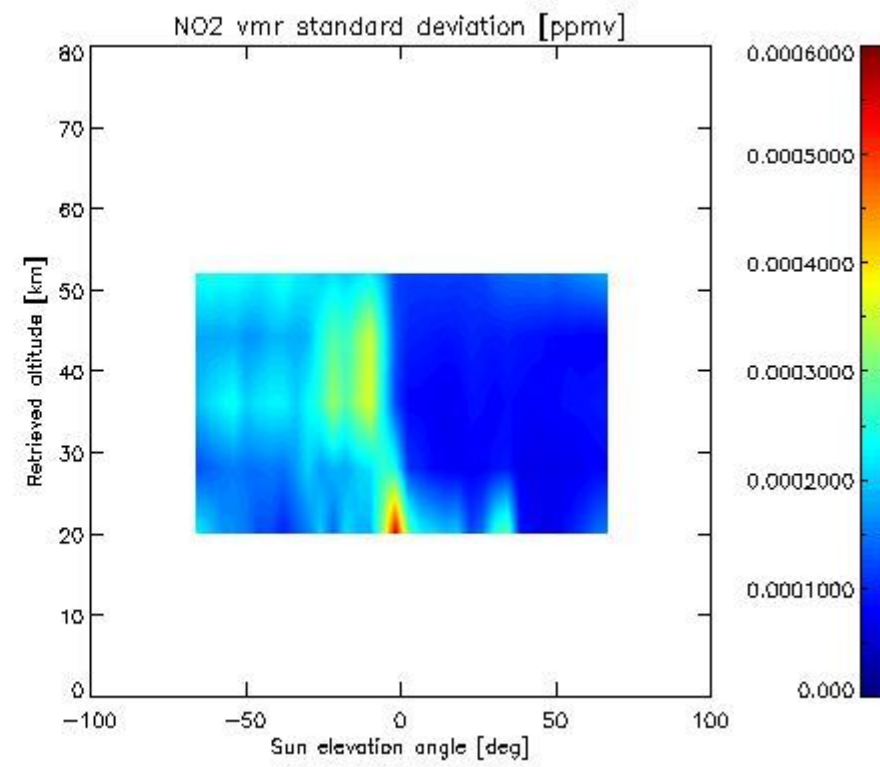
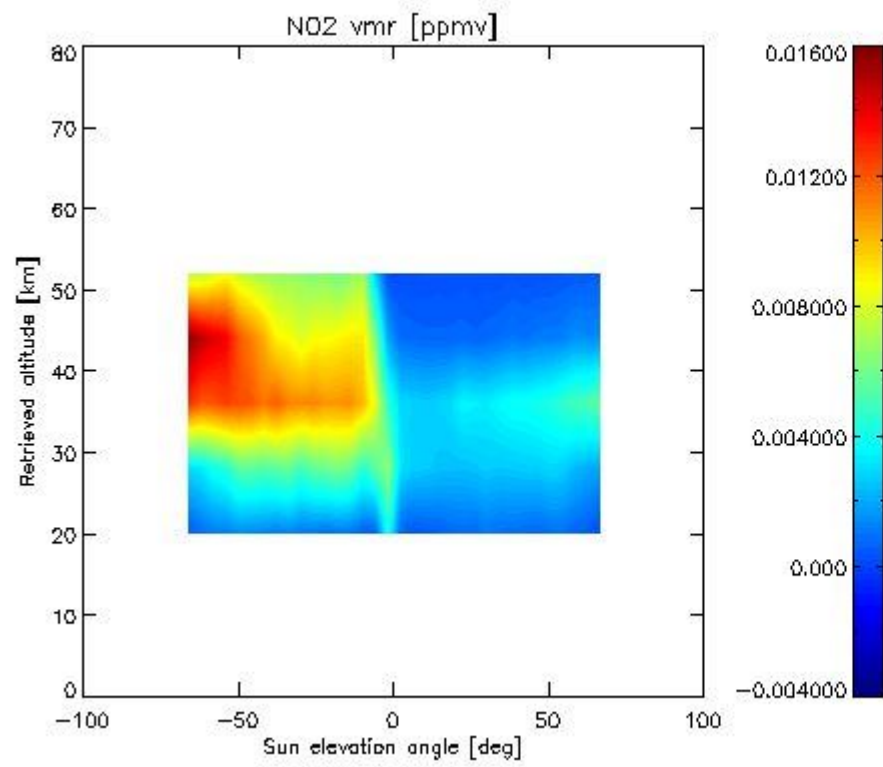
2.2.4.4 CH₄ overview This section shows values (left) and error (right) for CH₄ after binning individual sweep values over retrieved altitude and tangent latitude.



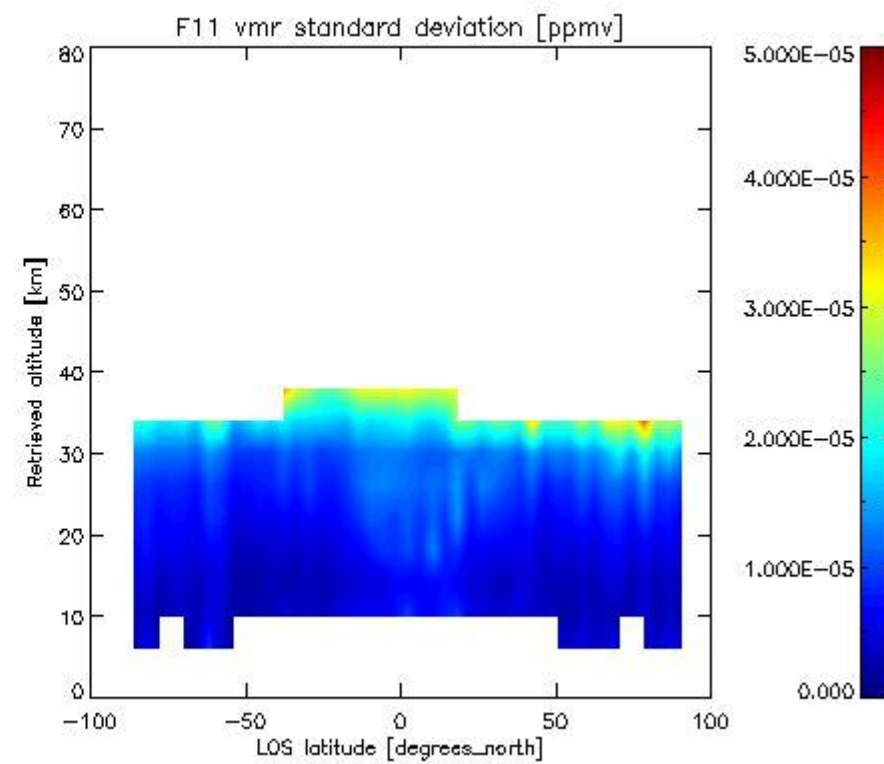
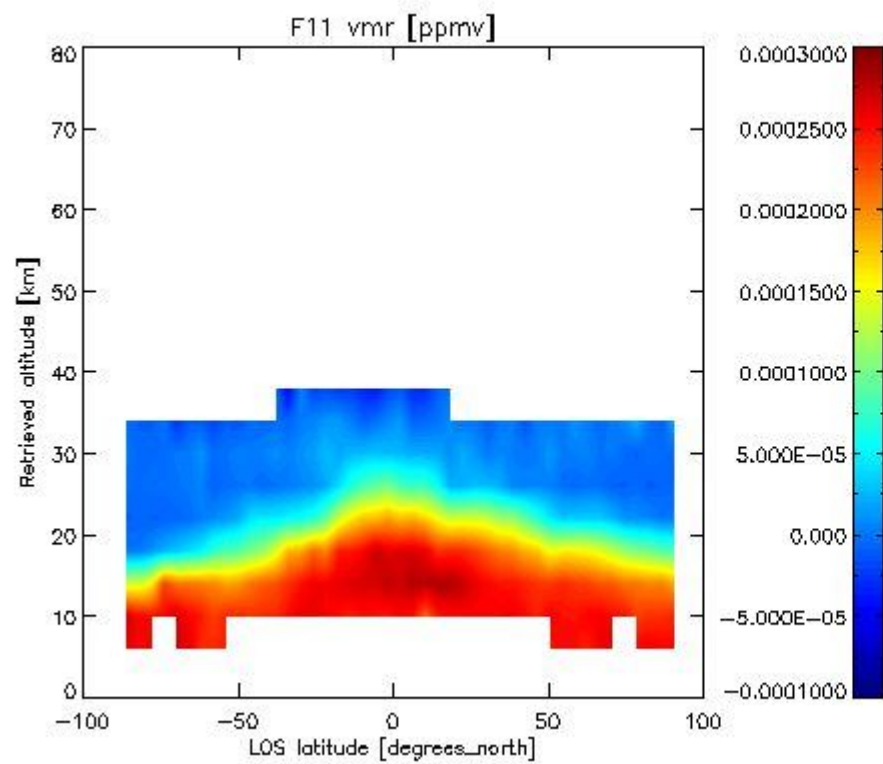
2.2.4.5 N₂O overview This section shows values (left) and error (right) for N₂O after binning individual sweep values over retrieved altitude and tangent latitude.



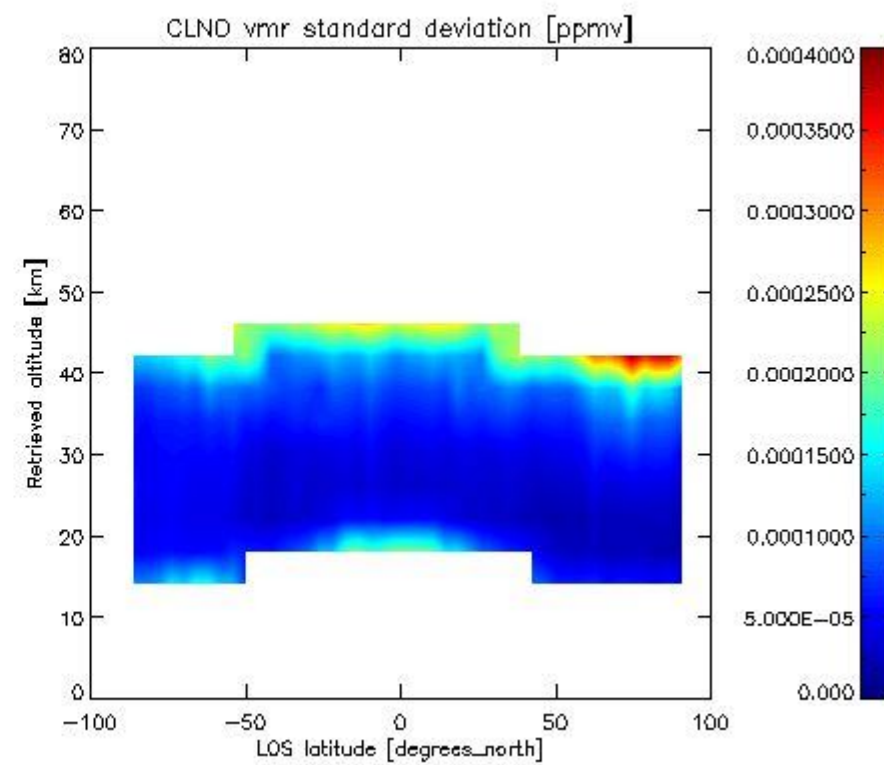
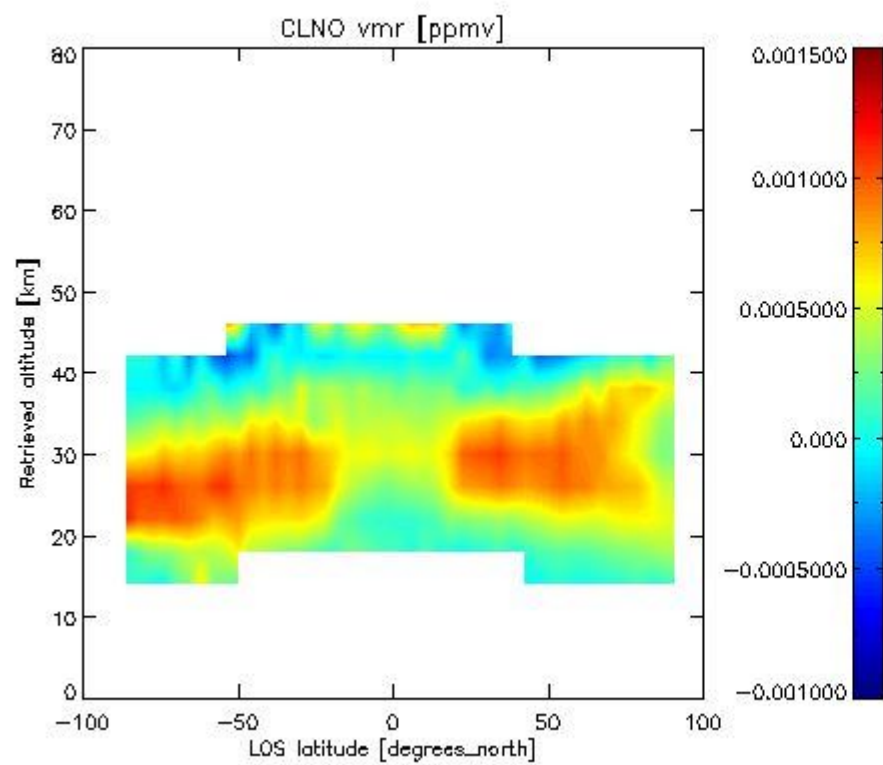
2.2.4.6 NO₂ overview This section shows values (left) and error (right) for NO₂ after binning individual sweep values over retrieved altitude and Sun Elevation Angle. Note that for NO₂ the bin heights are 6 km.

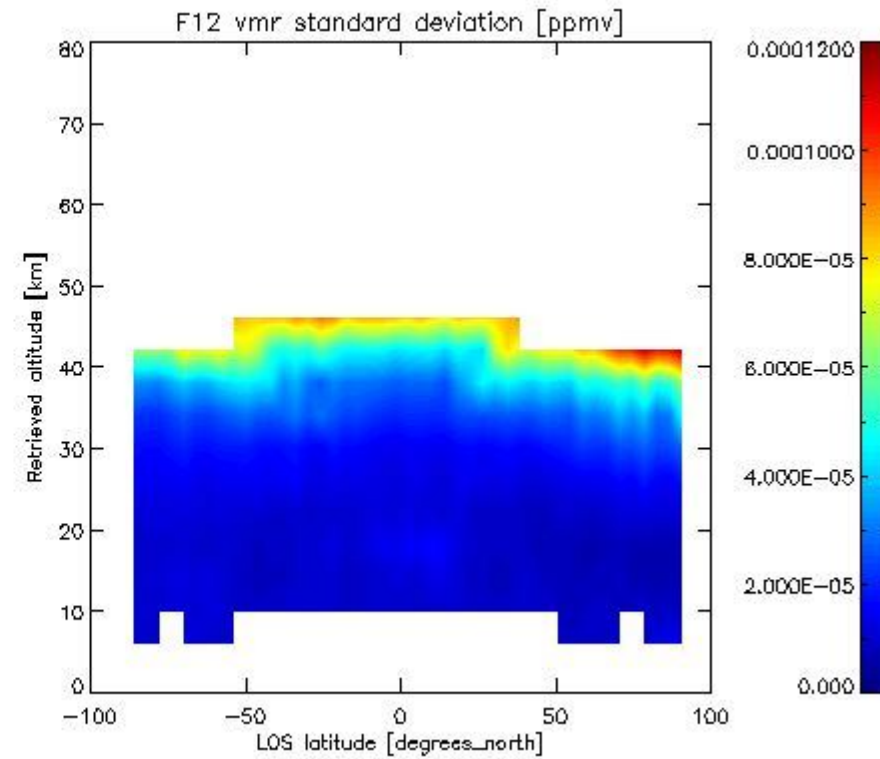
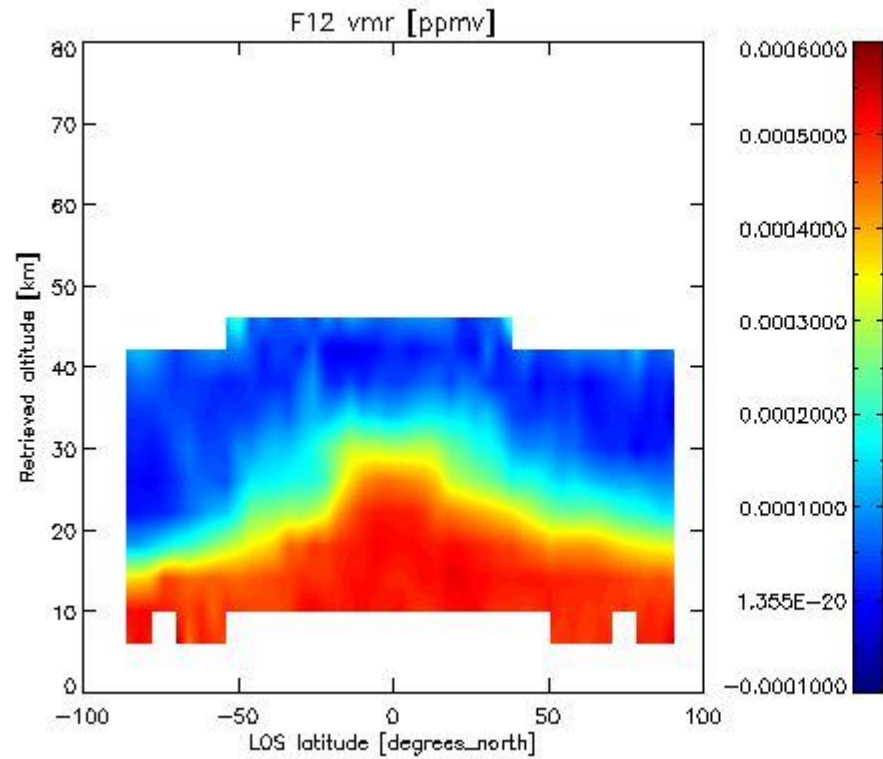
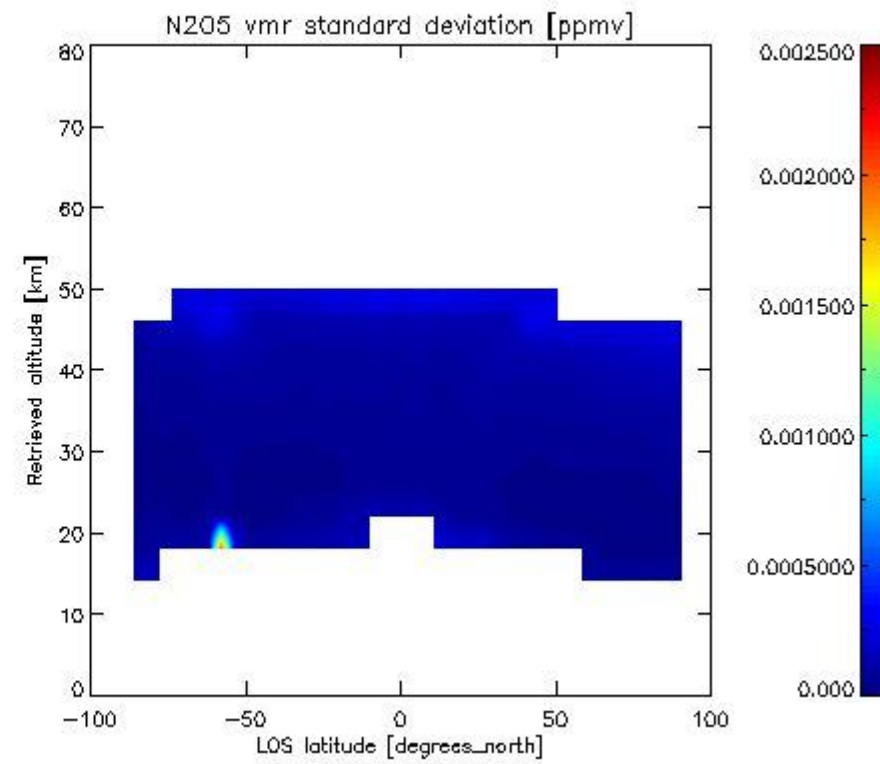
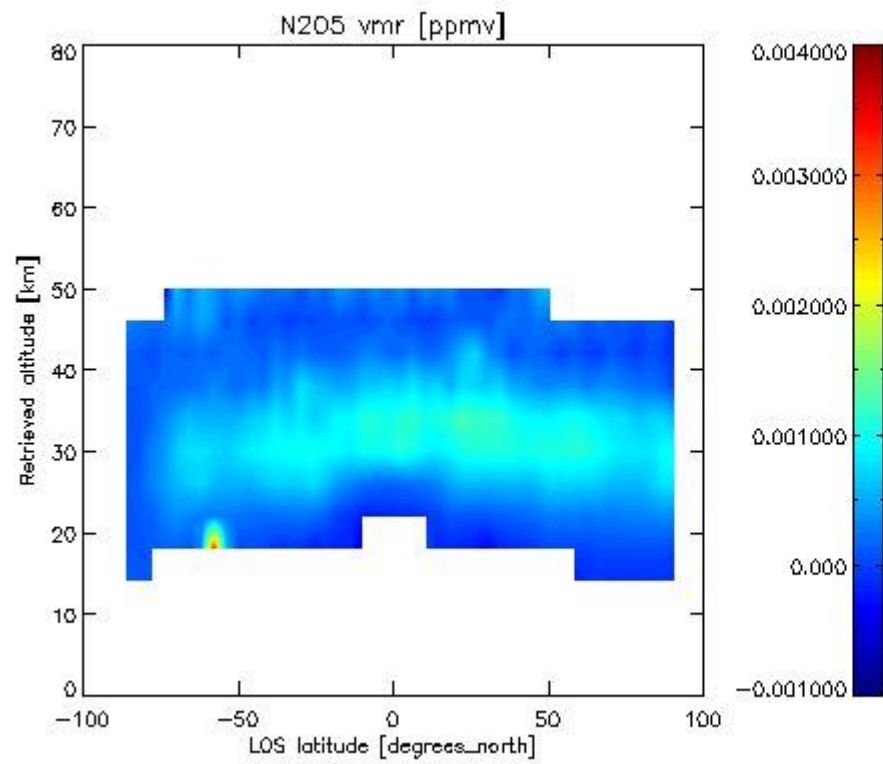


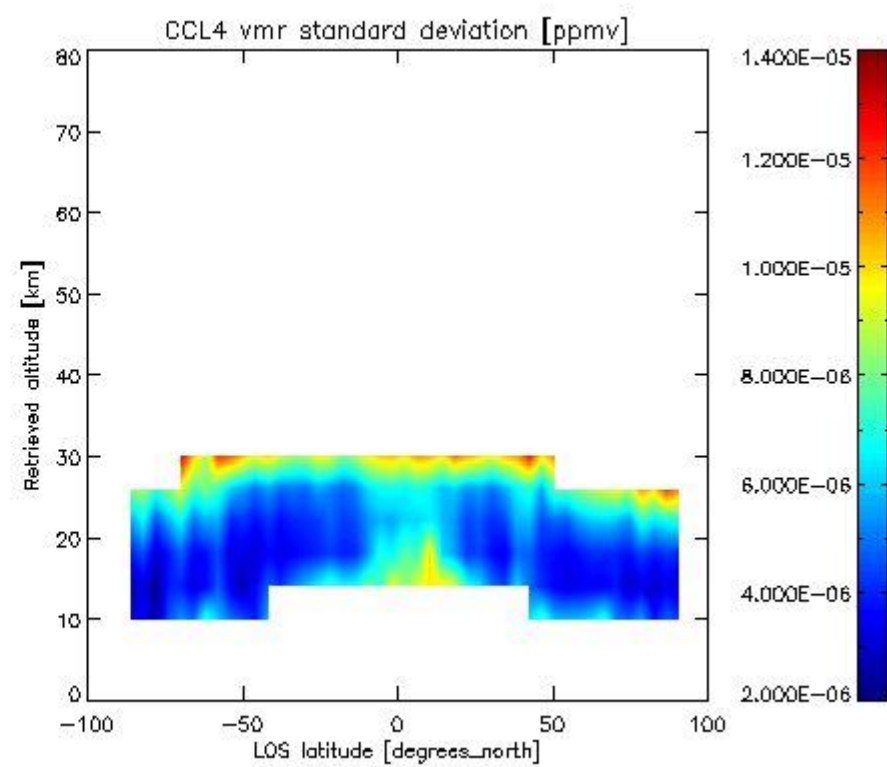
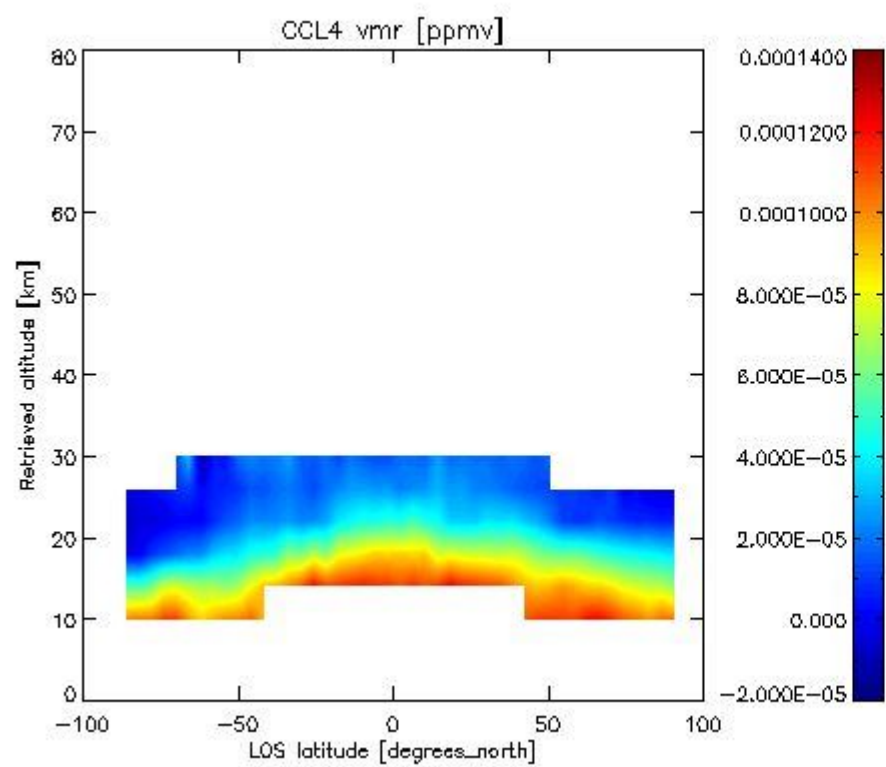
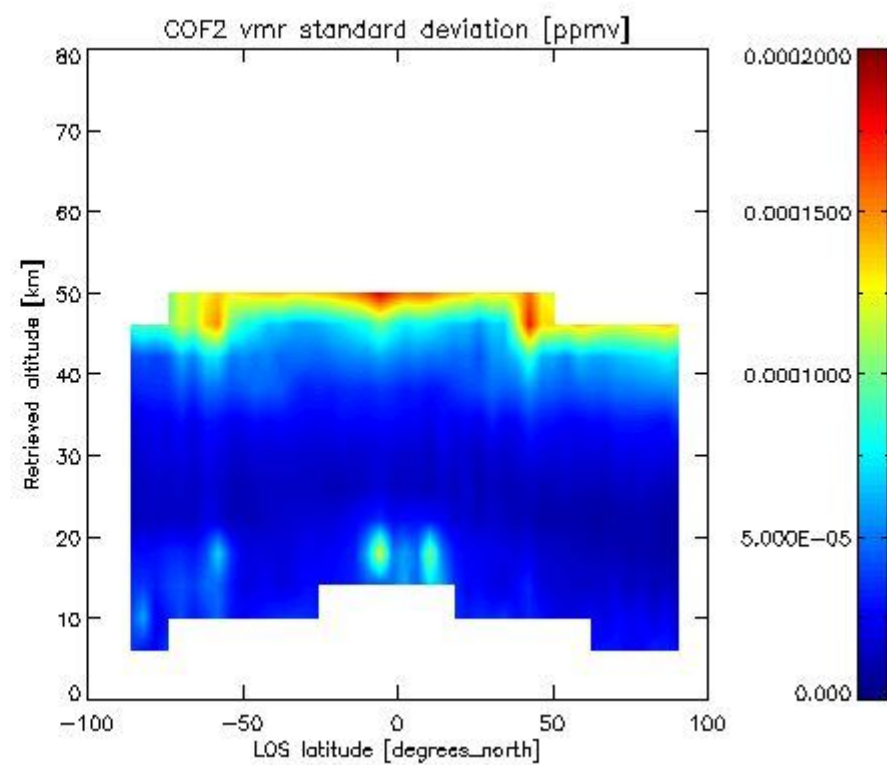
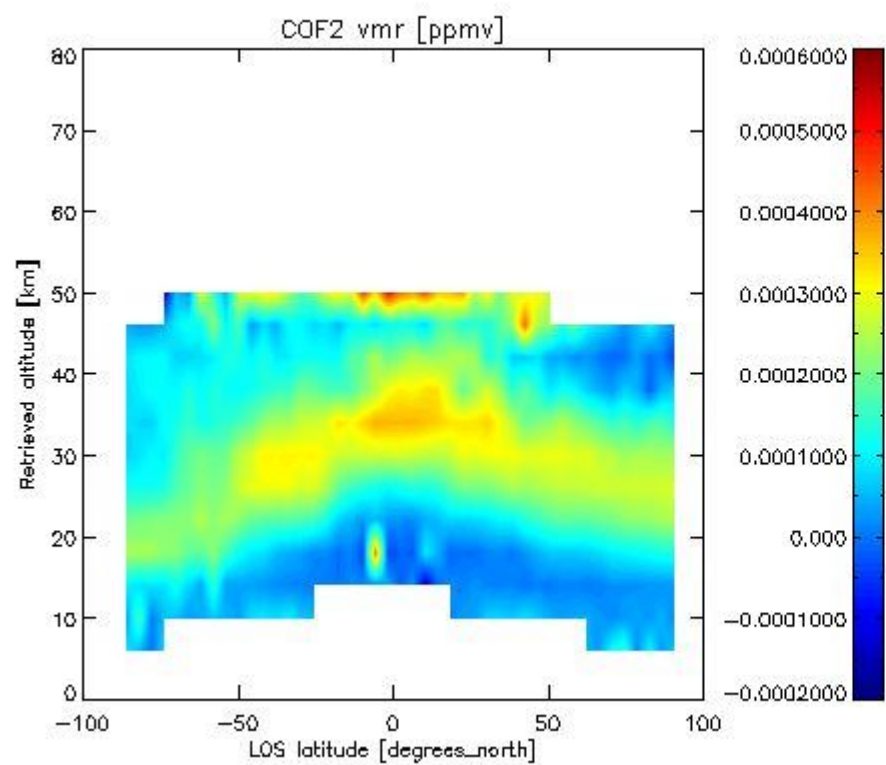
2.2.4.7 F11 overview This section shows values (left) and error (right) for F11 after binning individual sweep values over retrieved altitude and tangent latitude.

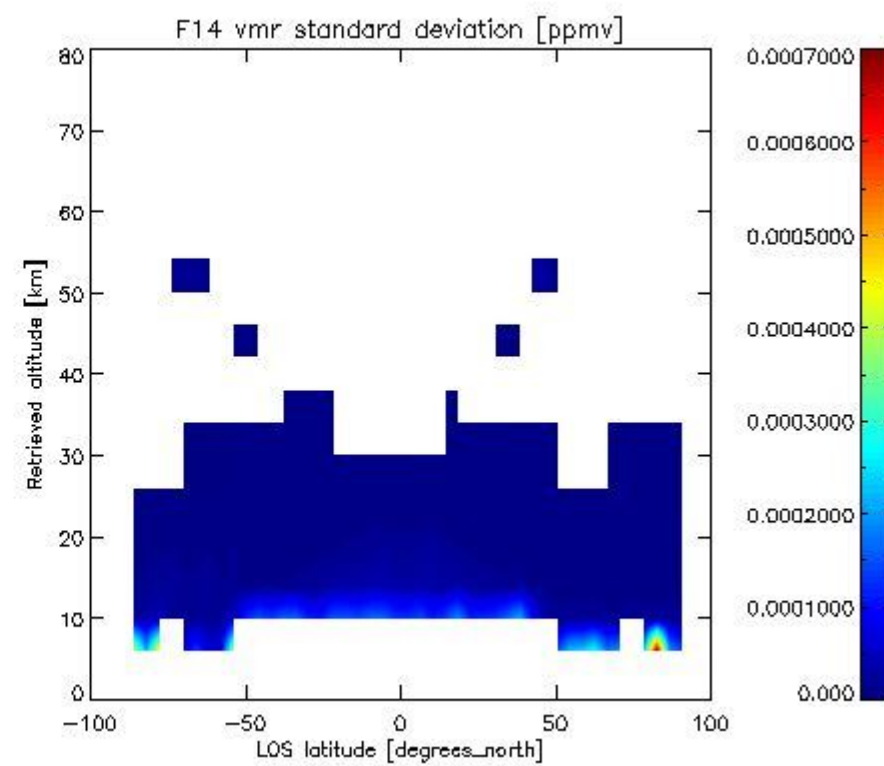
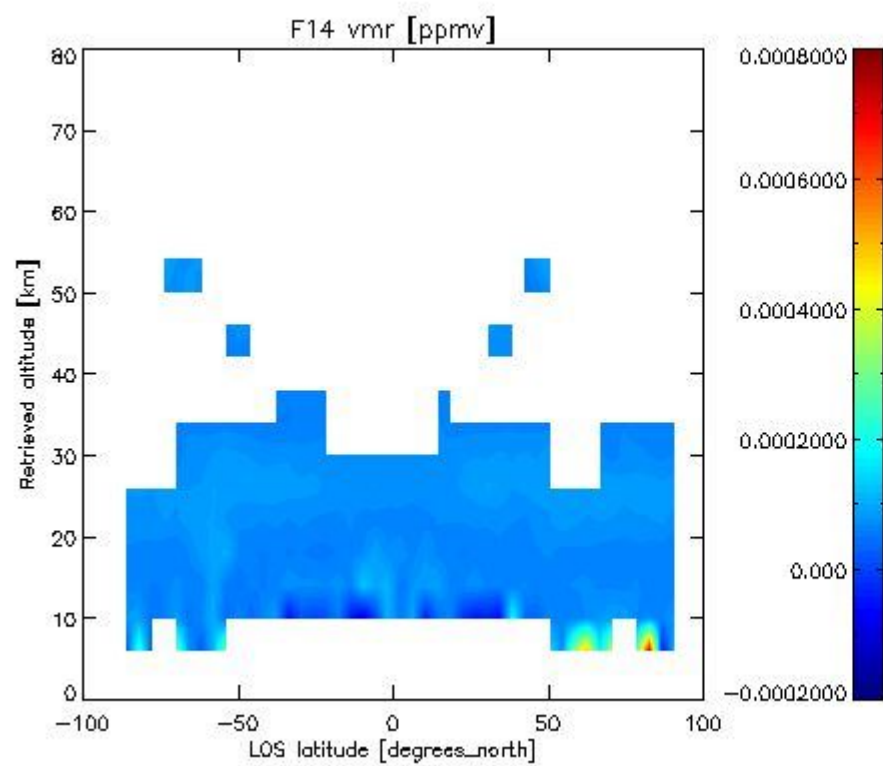
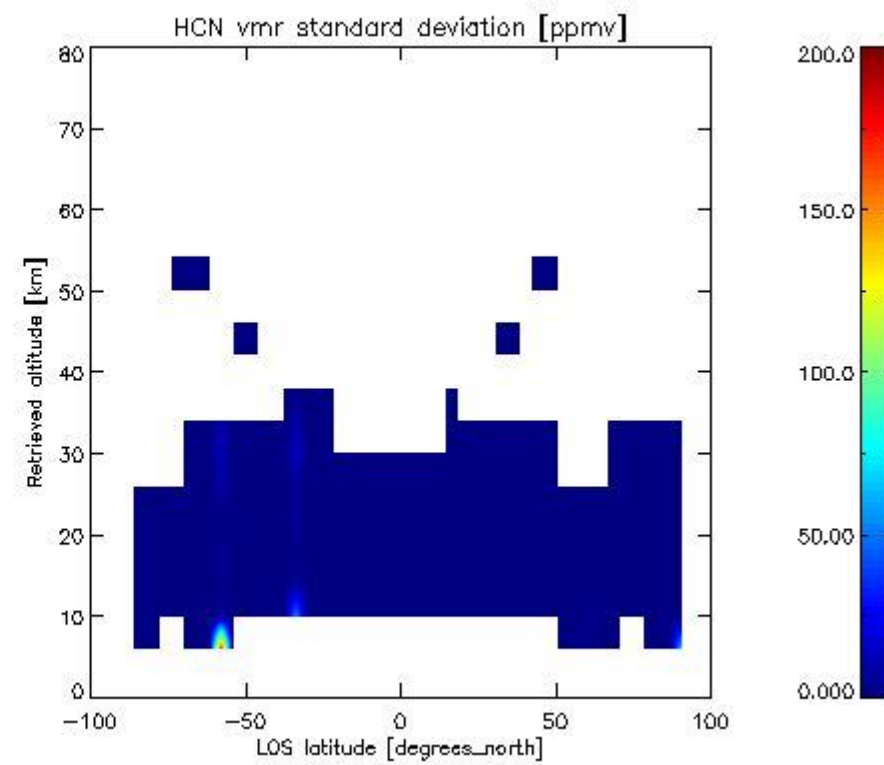
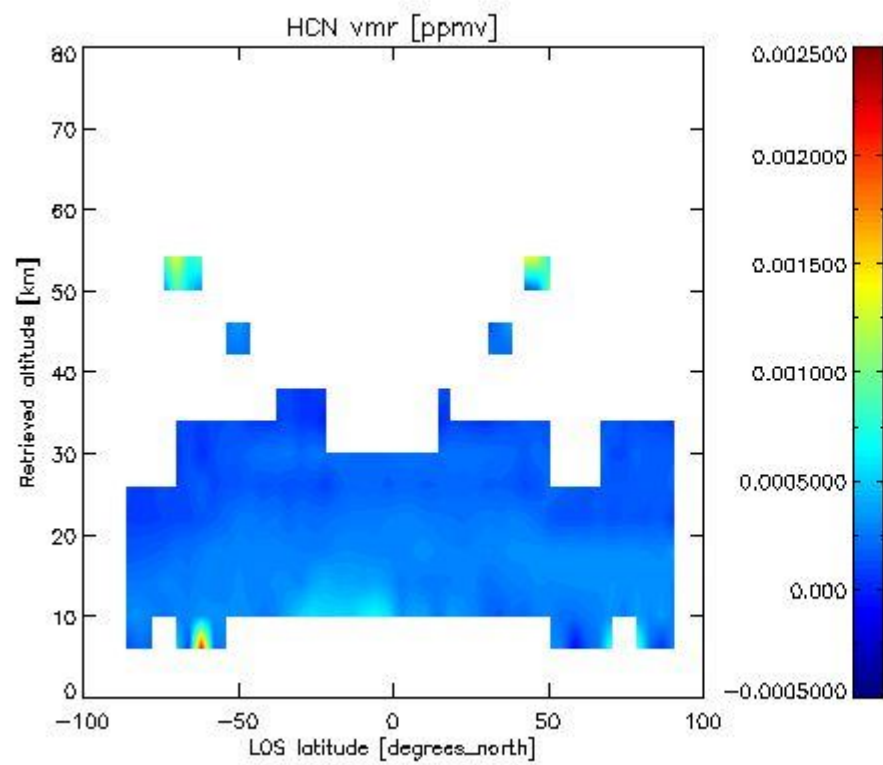


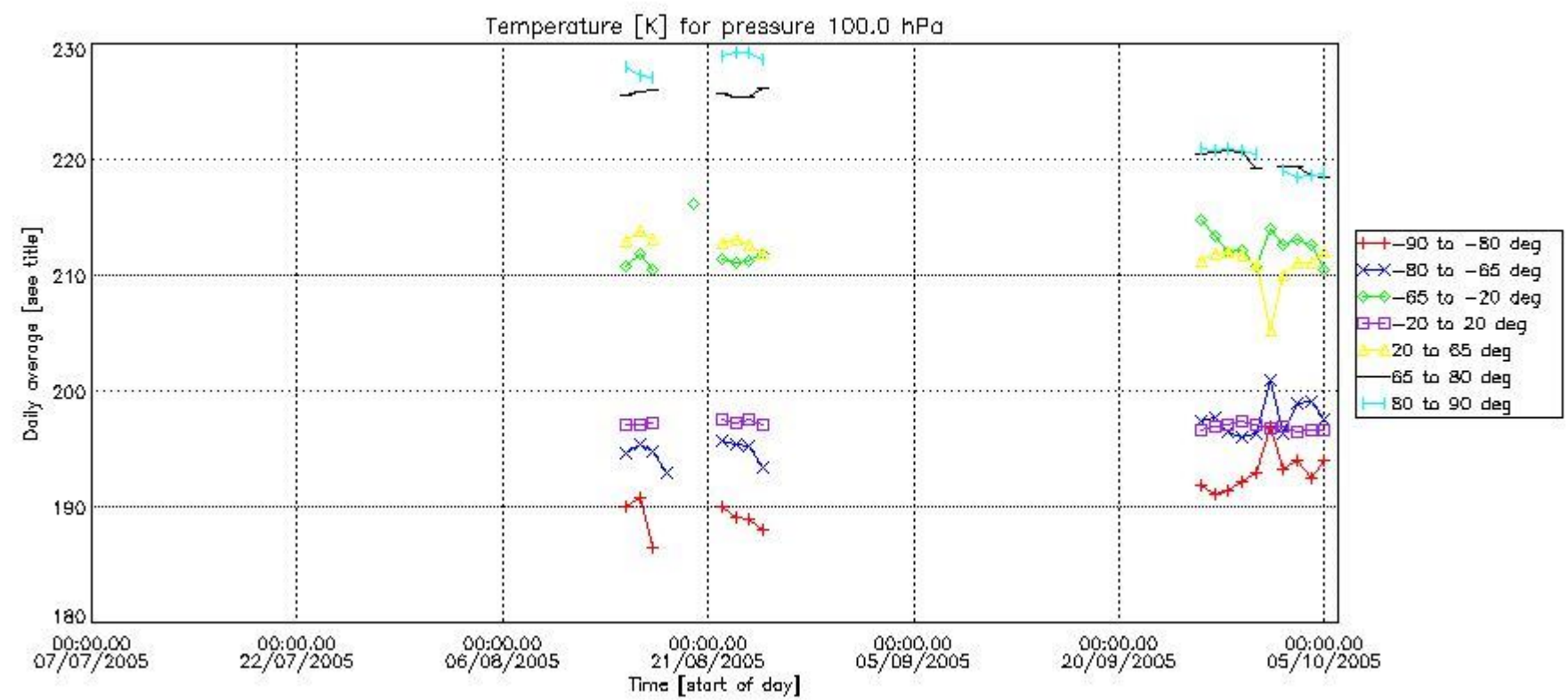
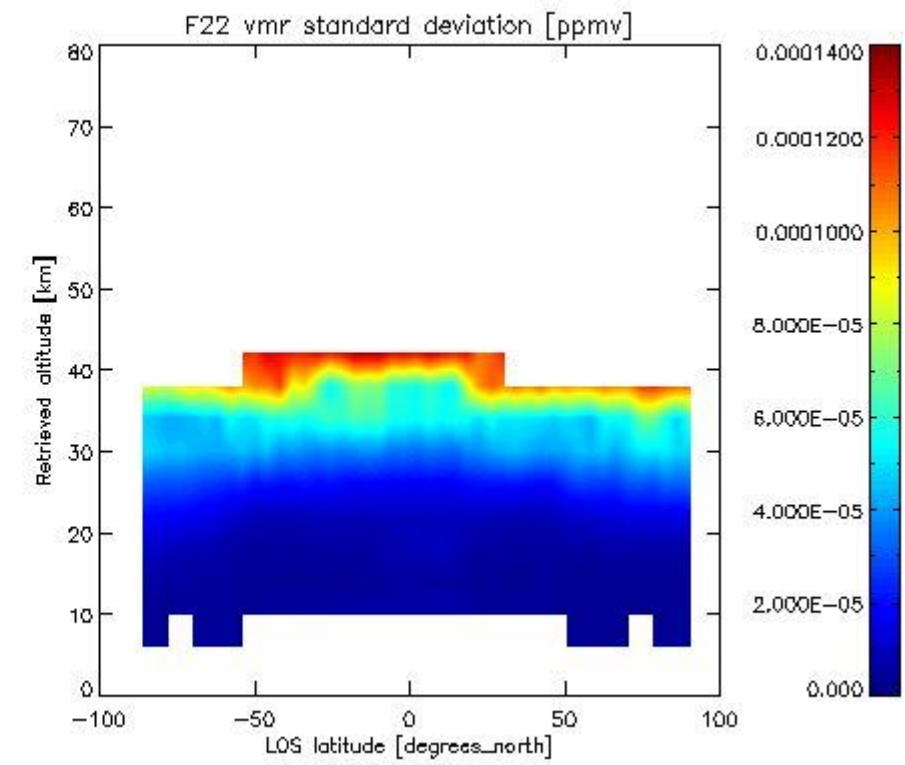
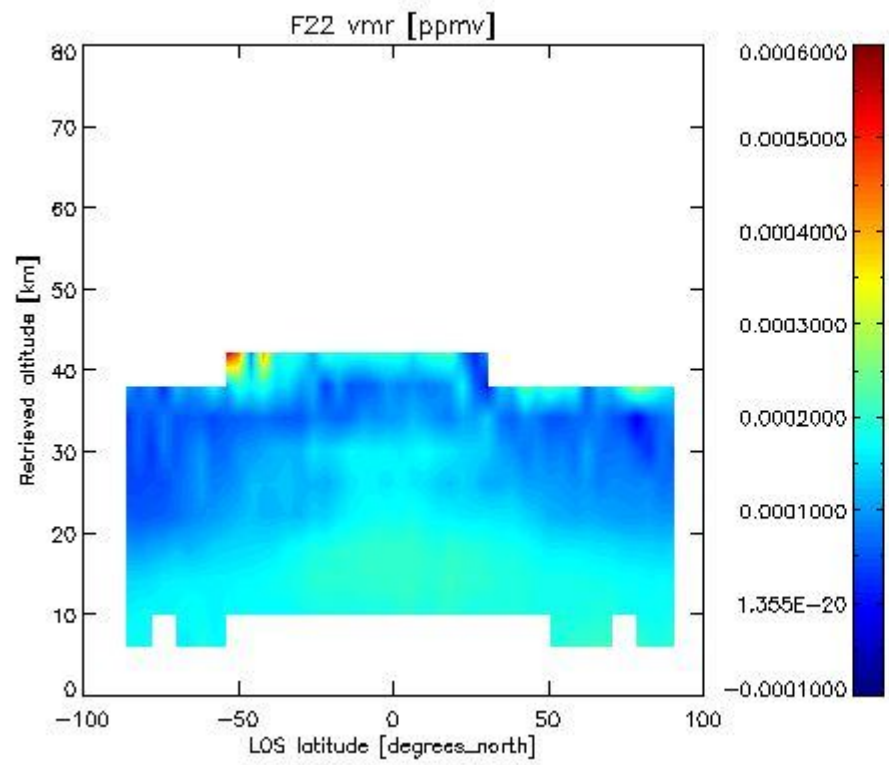
2.3.4 CLNO overview This section shows values (left) and error (right) for CLNO after binning individual vmr values over retrieved altitude and target latitude.

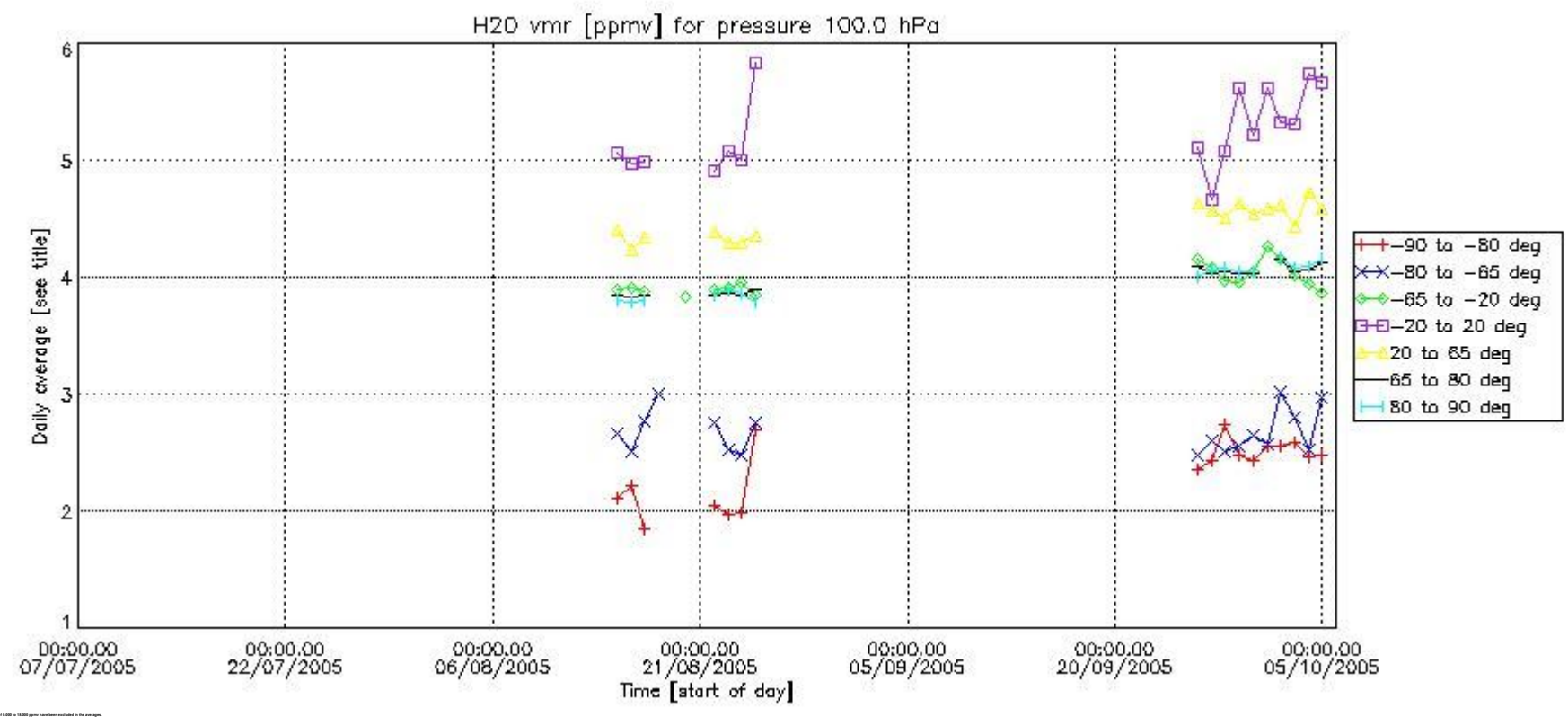
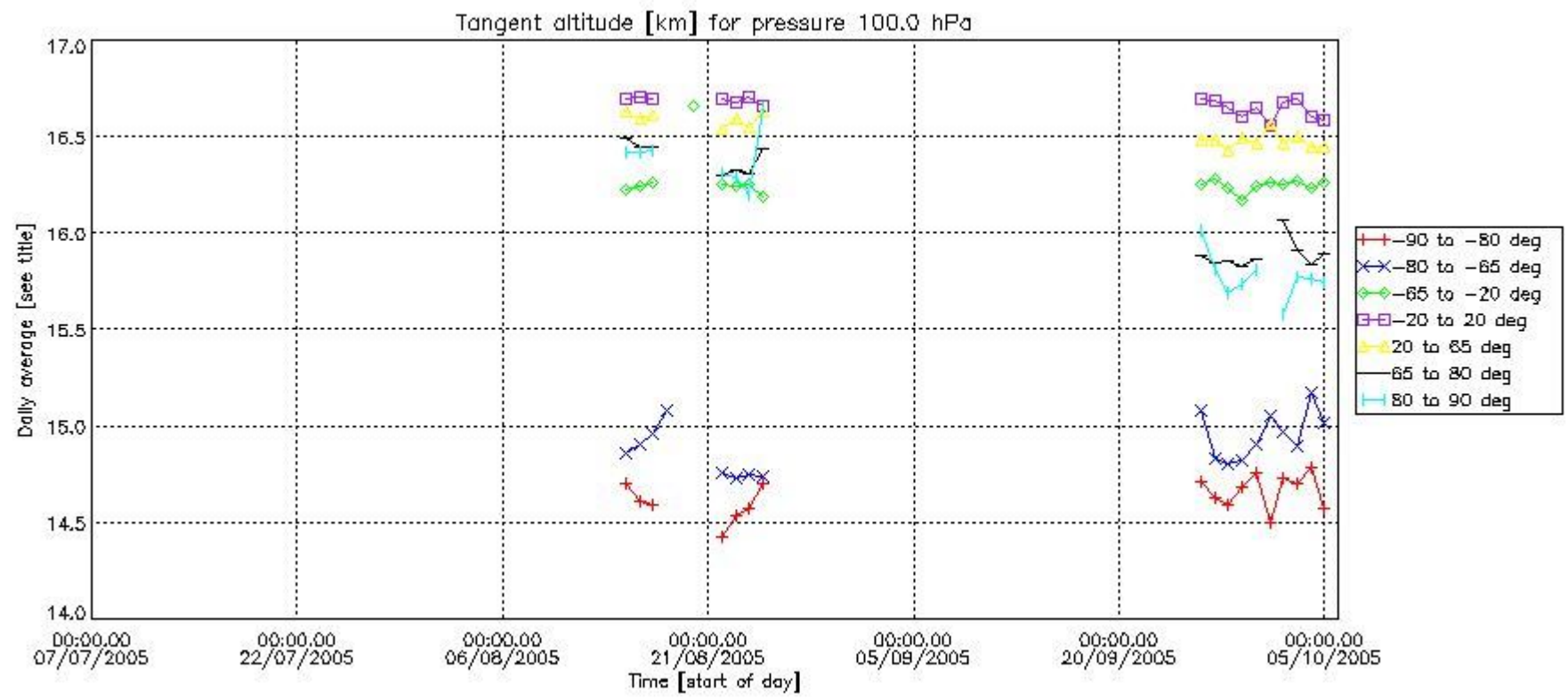


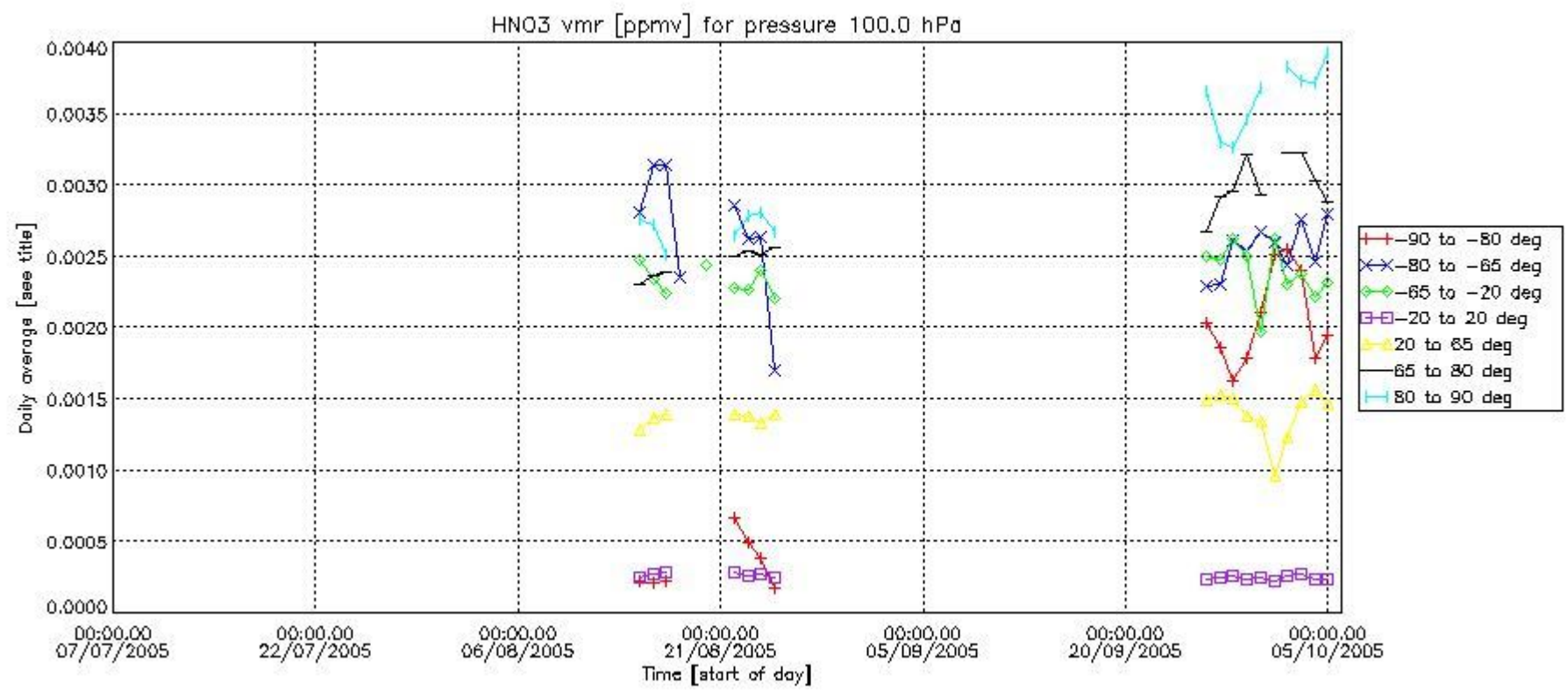
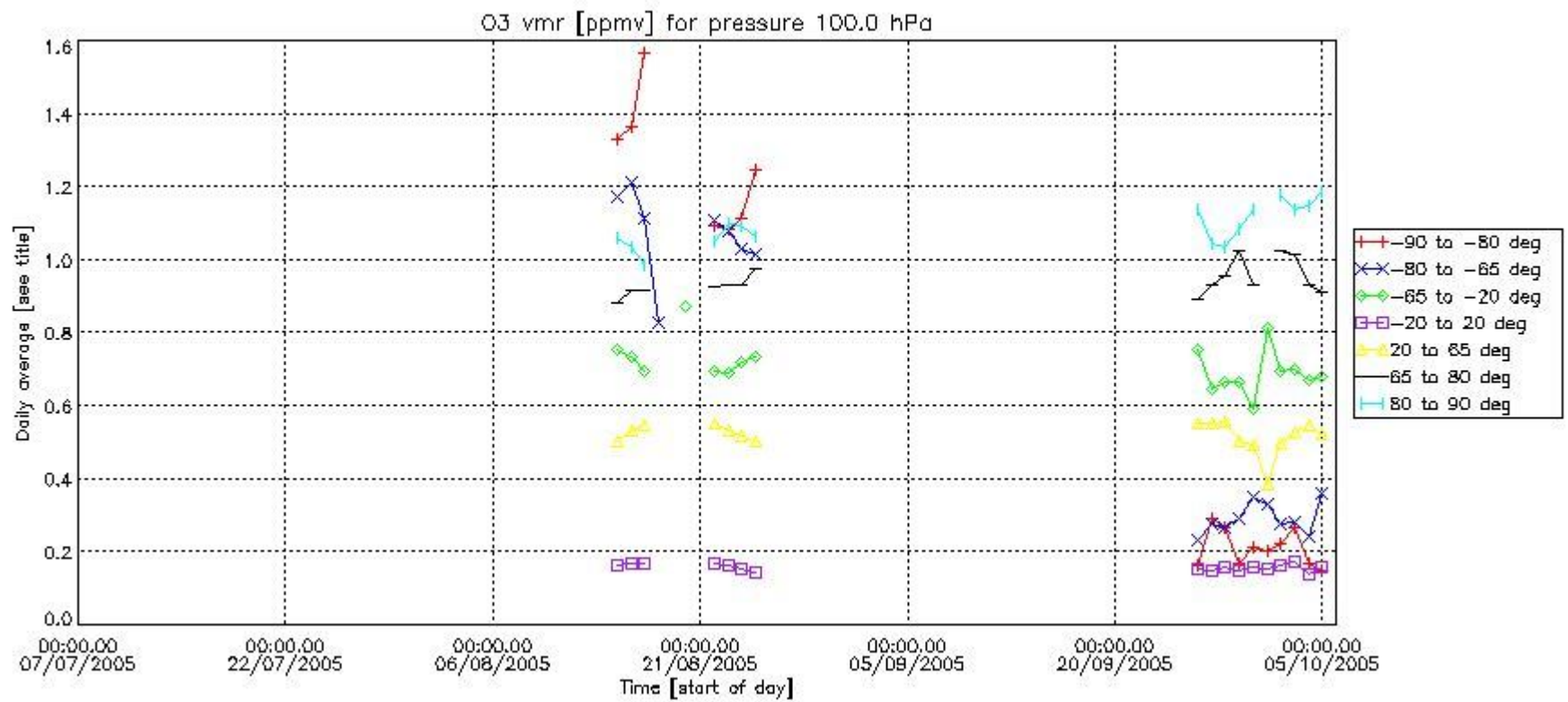


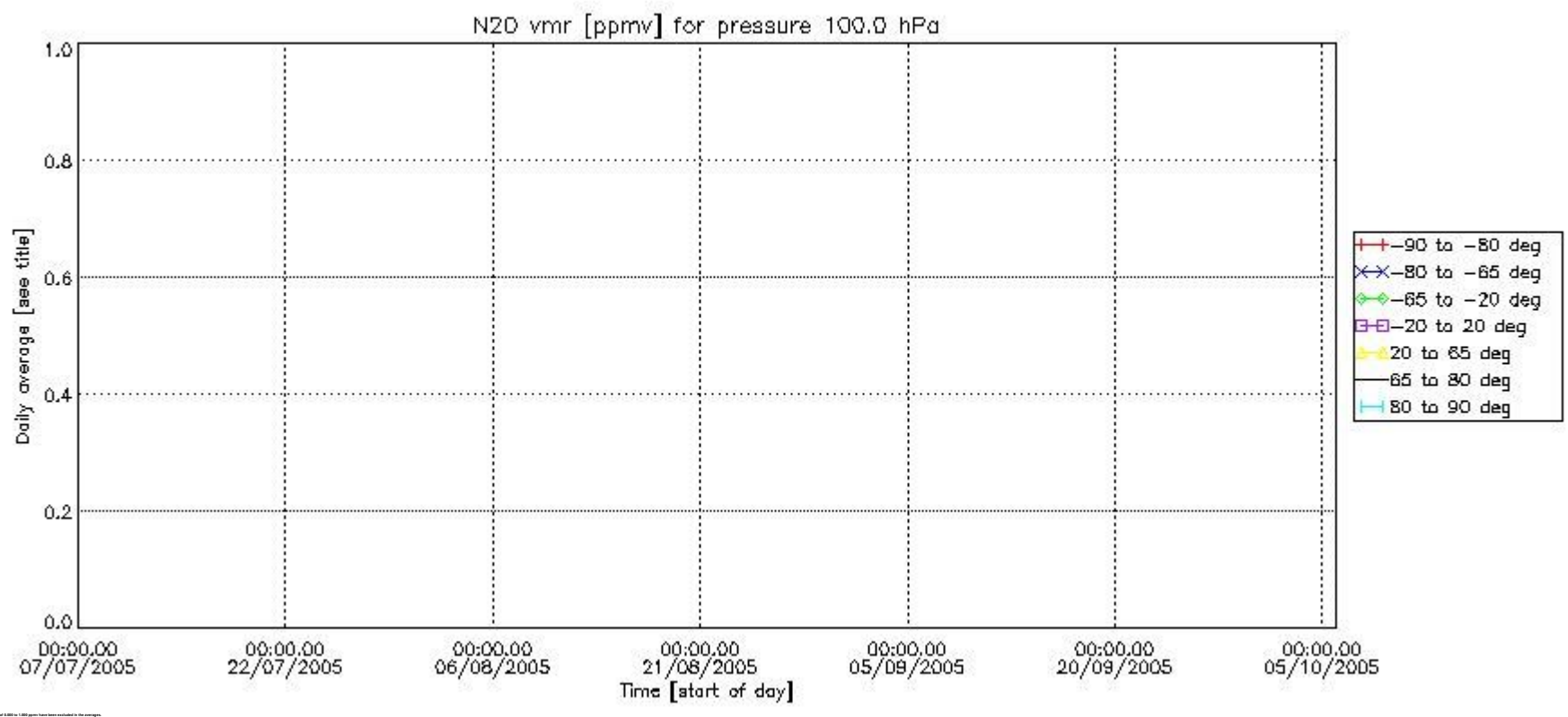
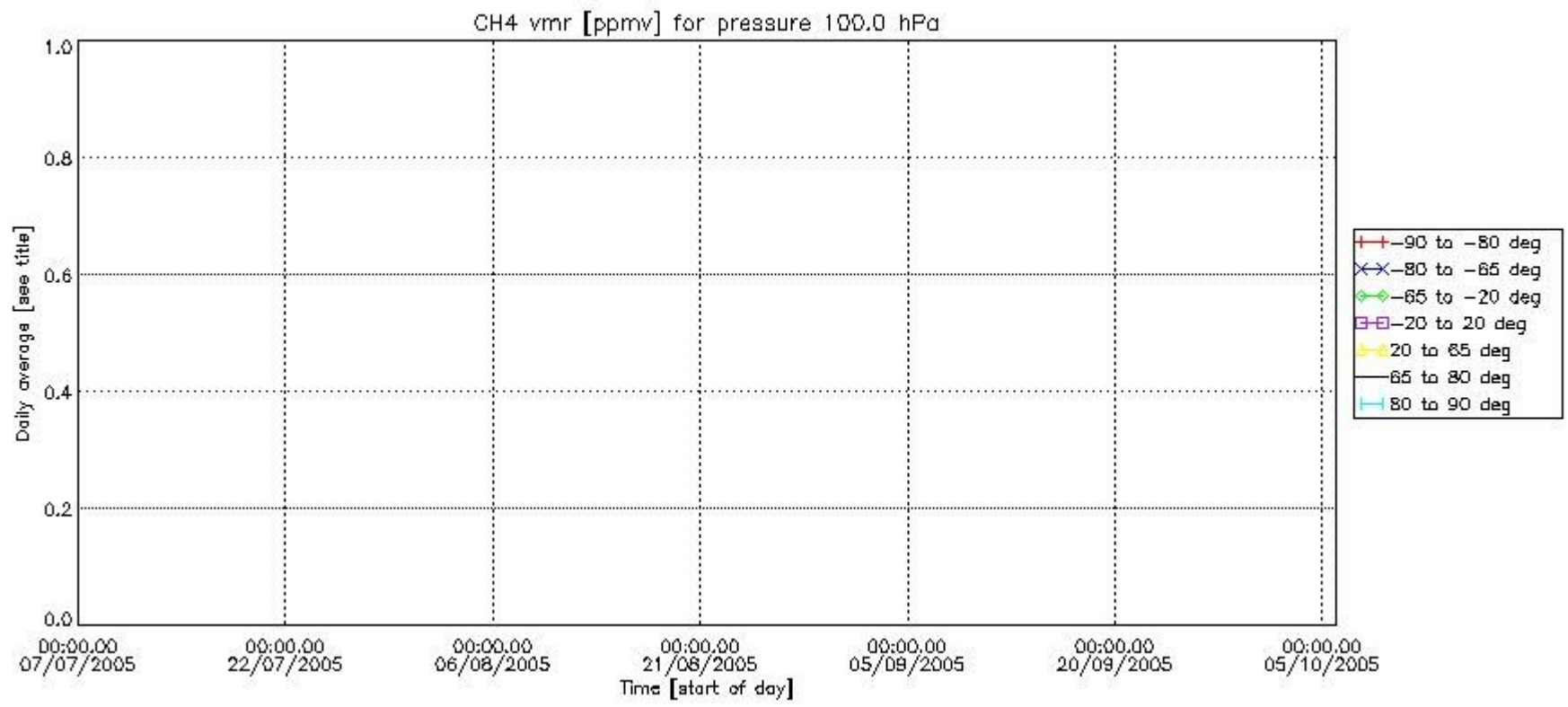


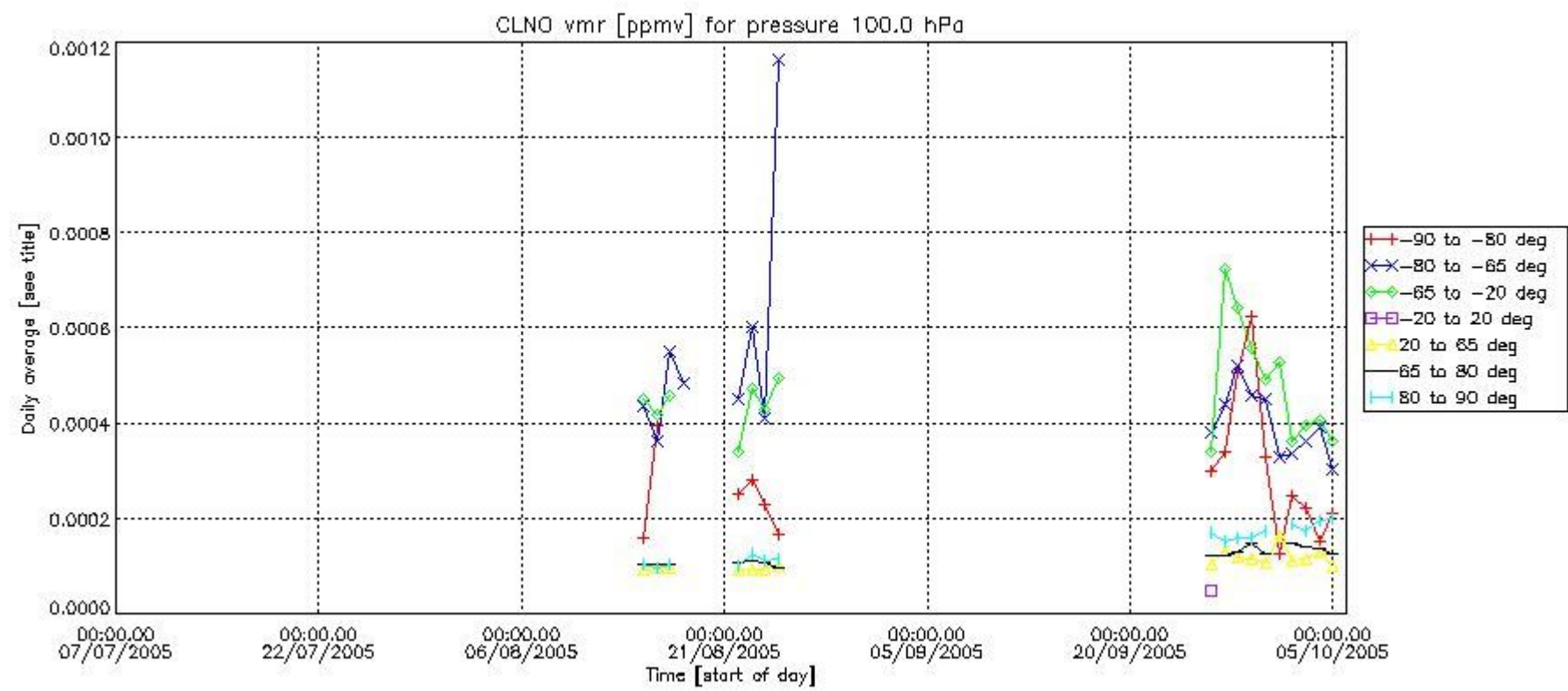
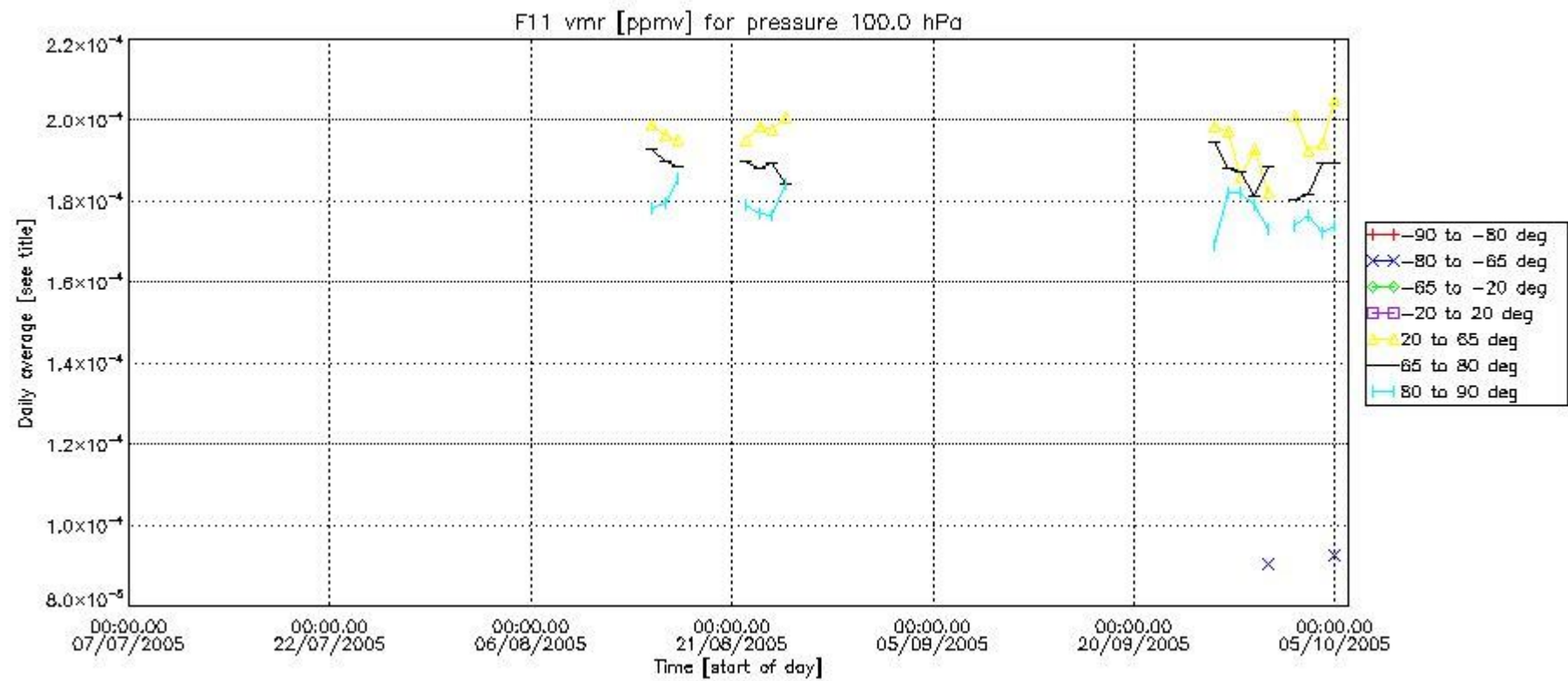


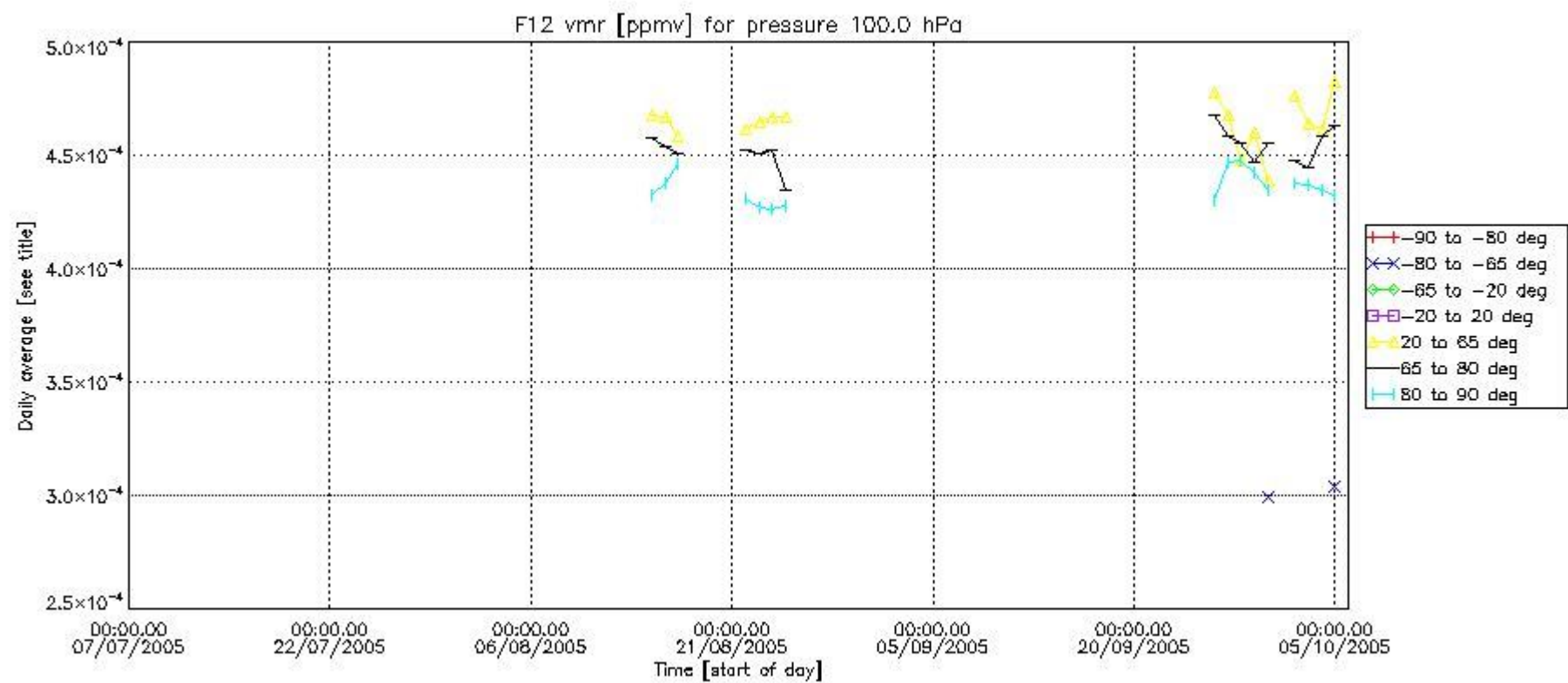
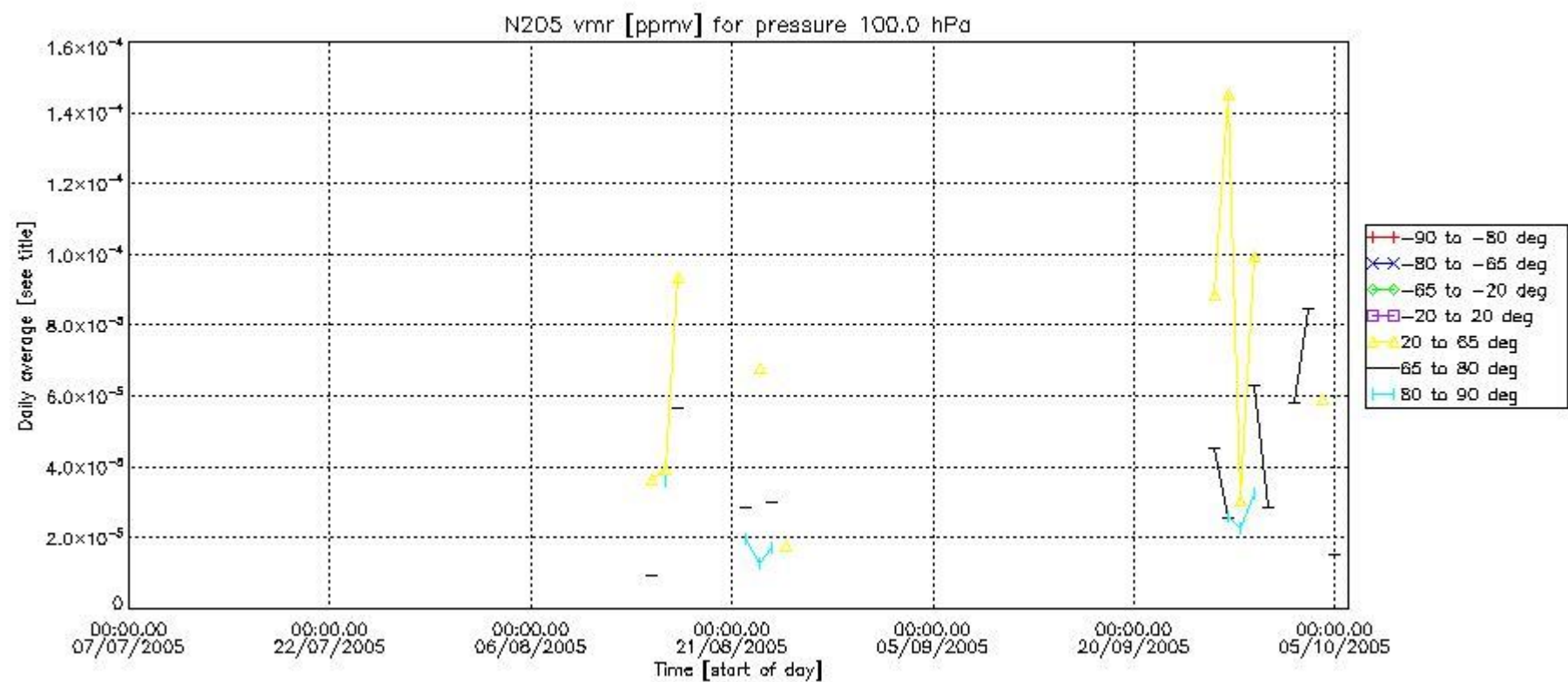


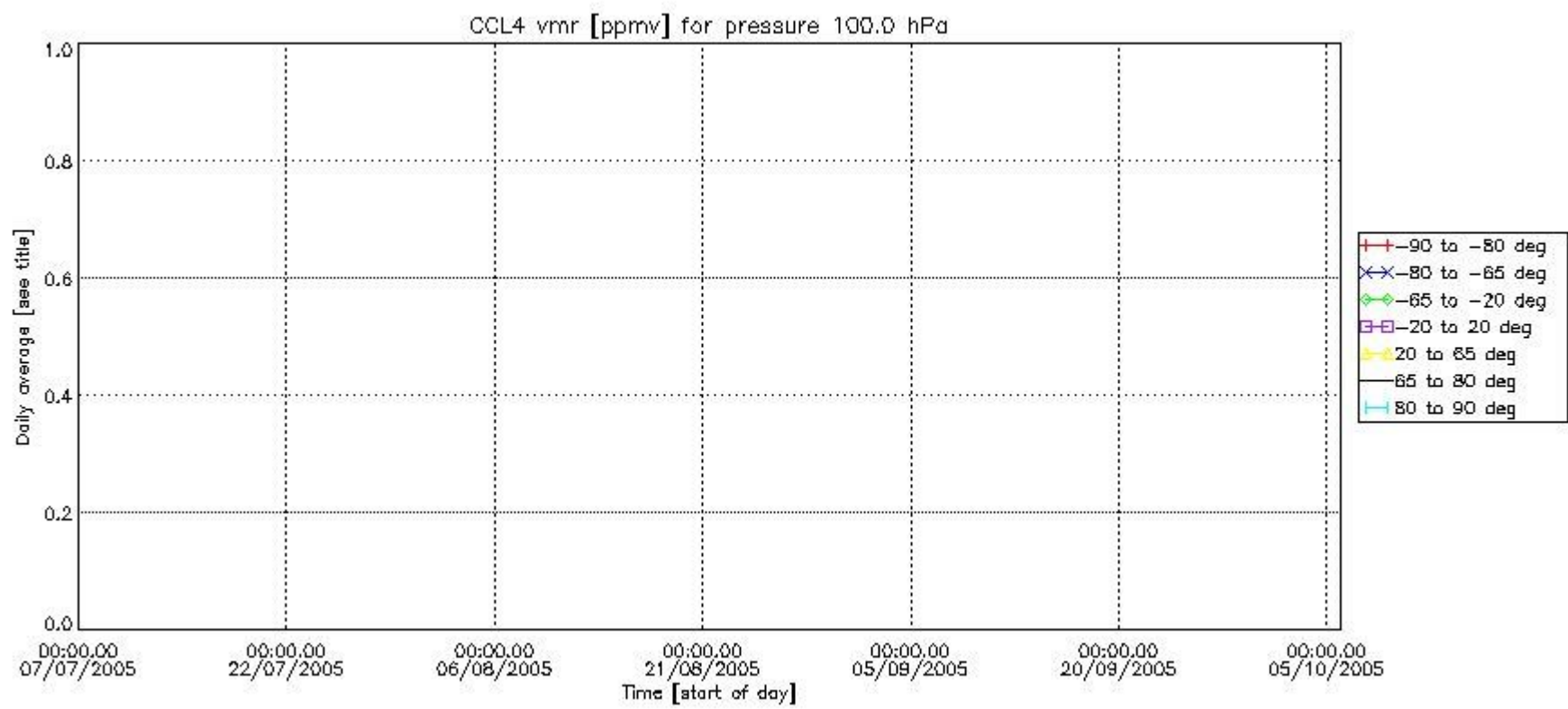
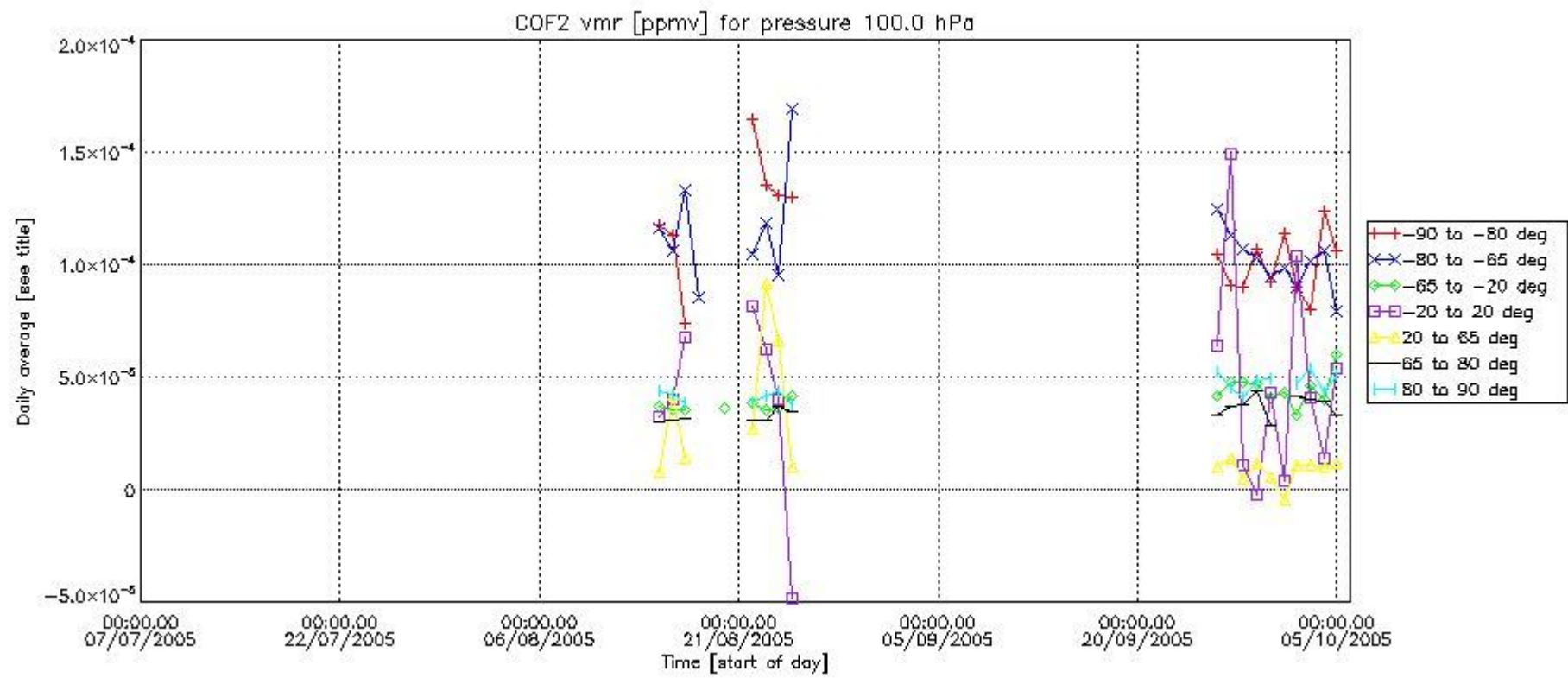


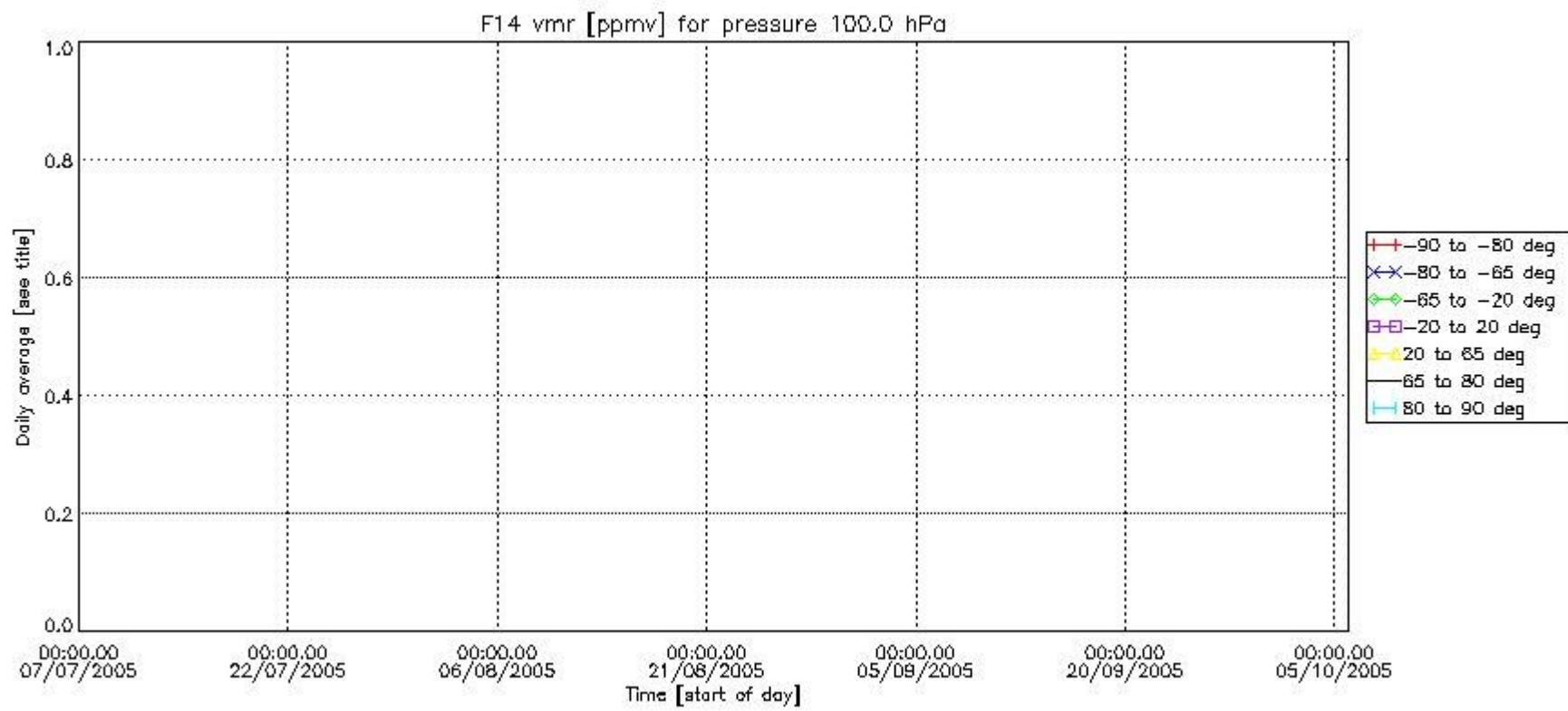
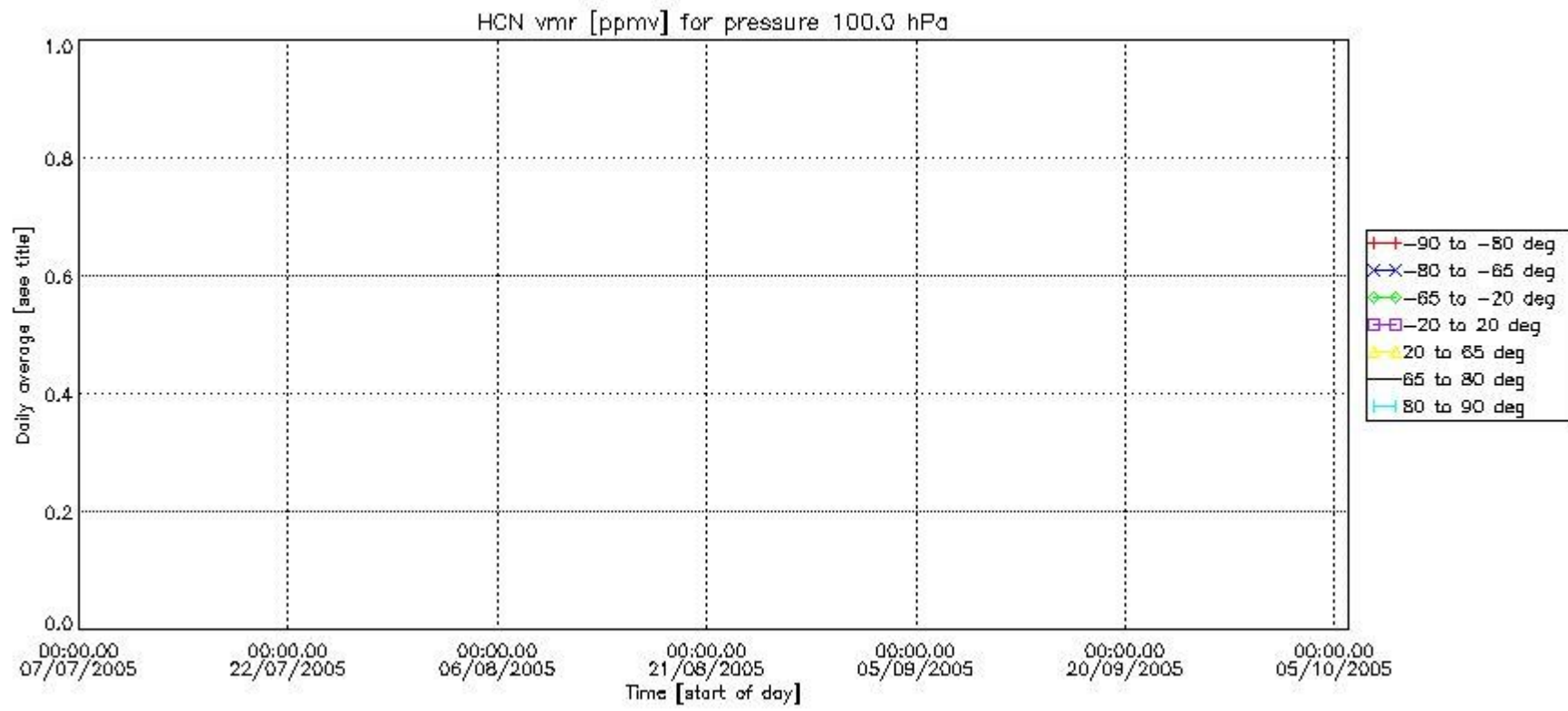


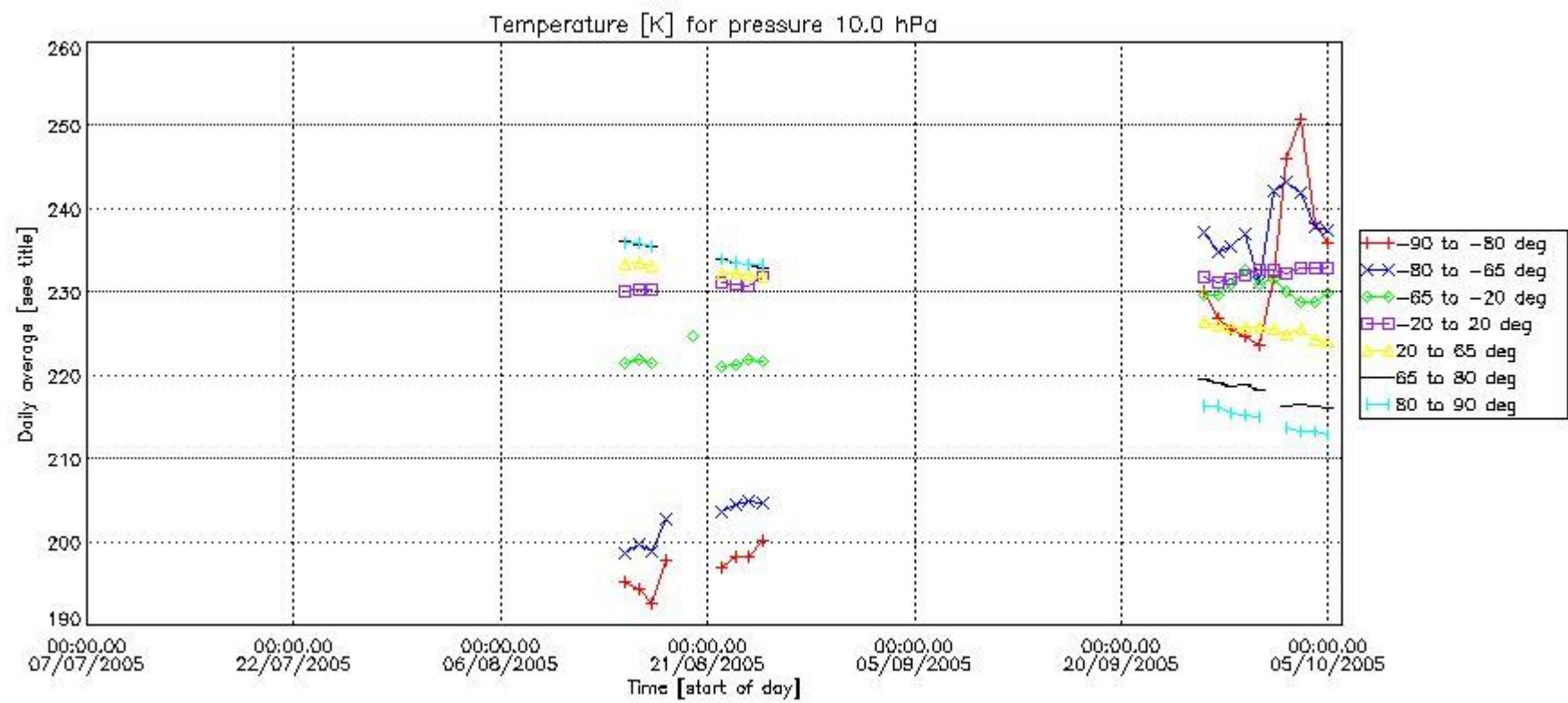
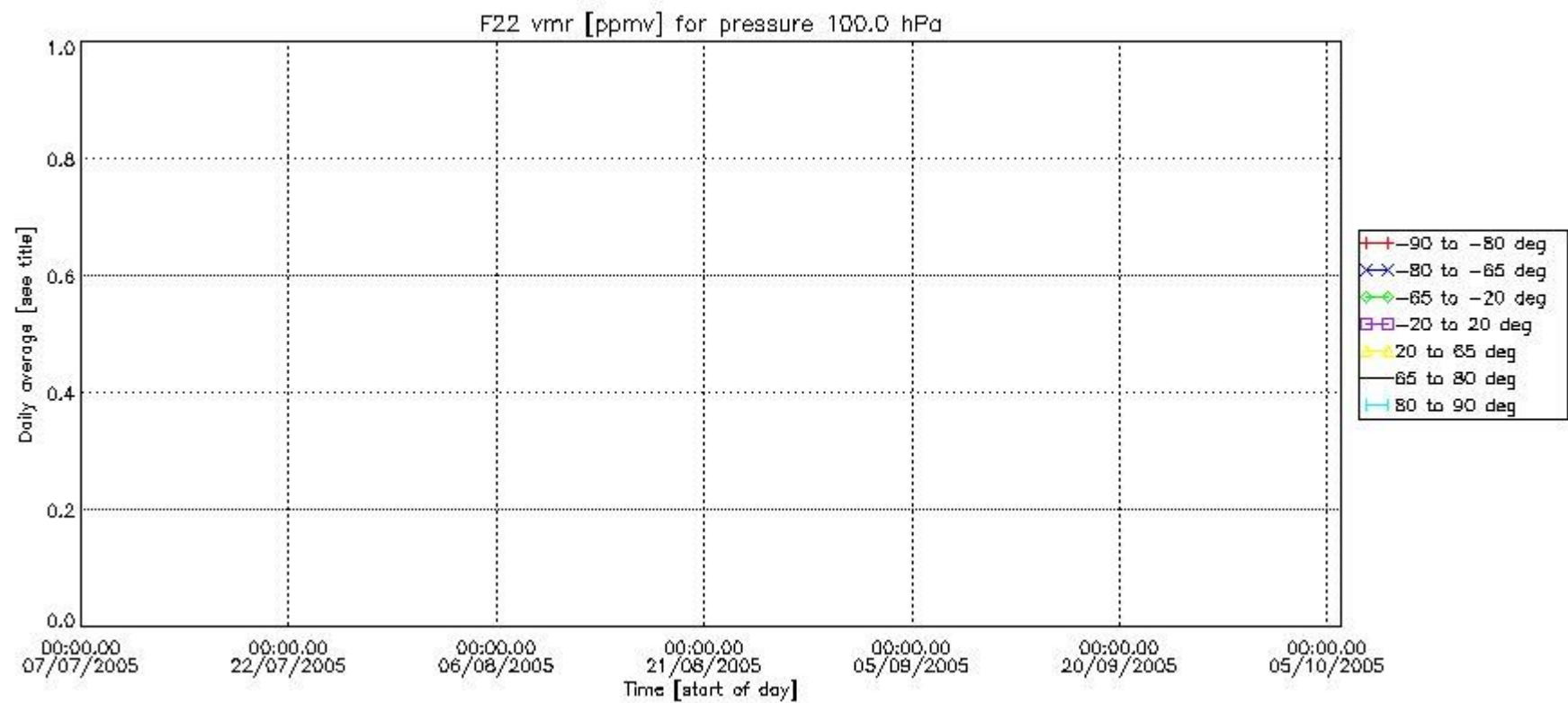


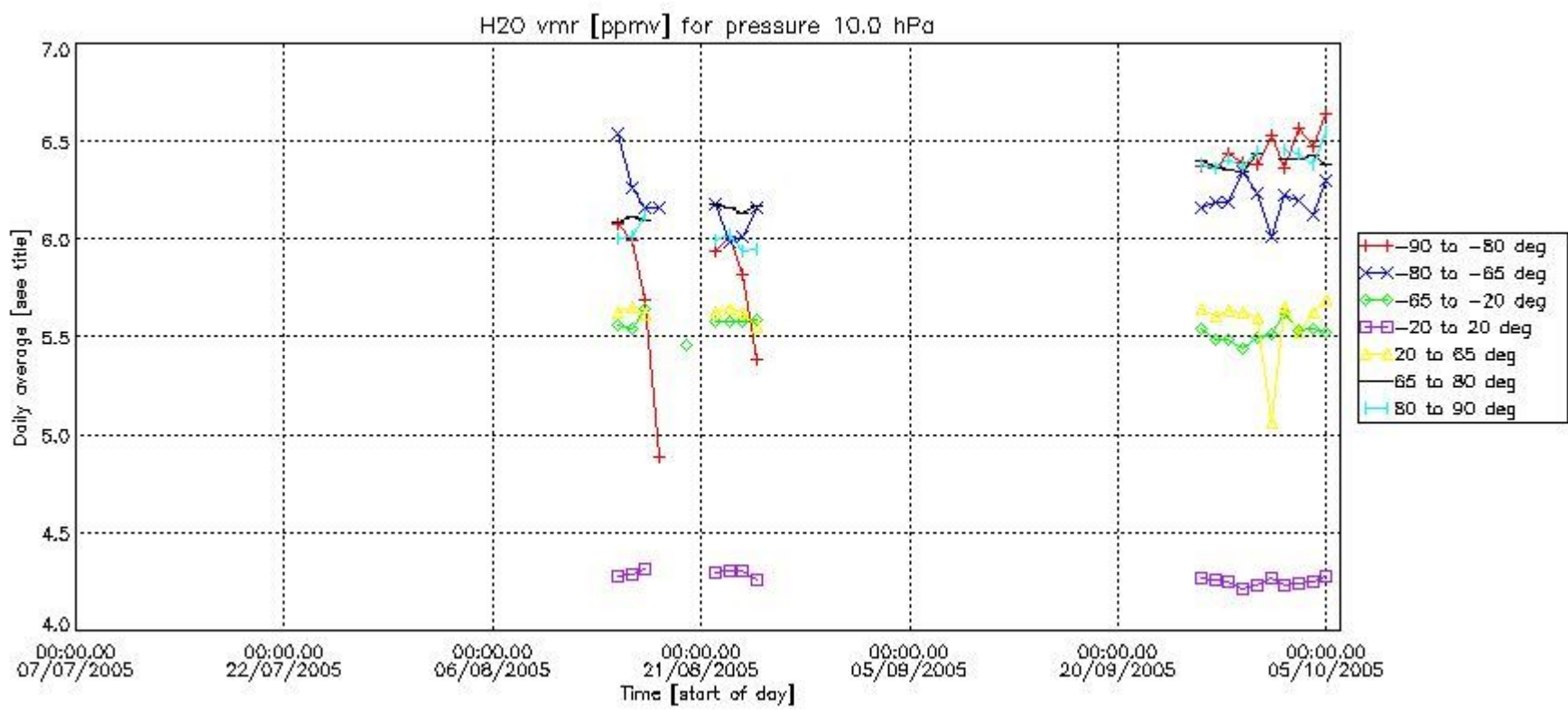
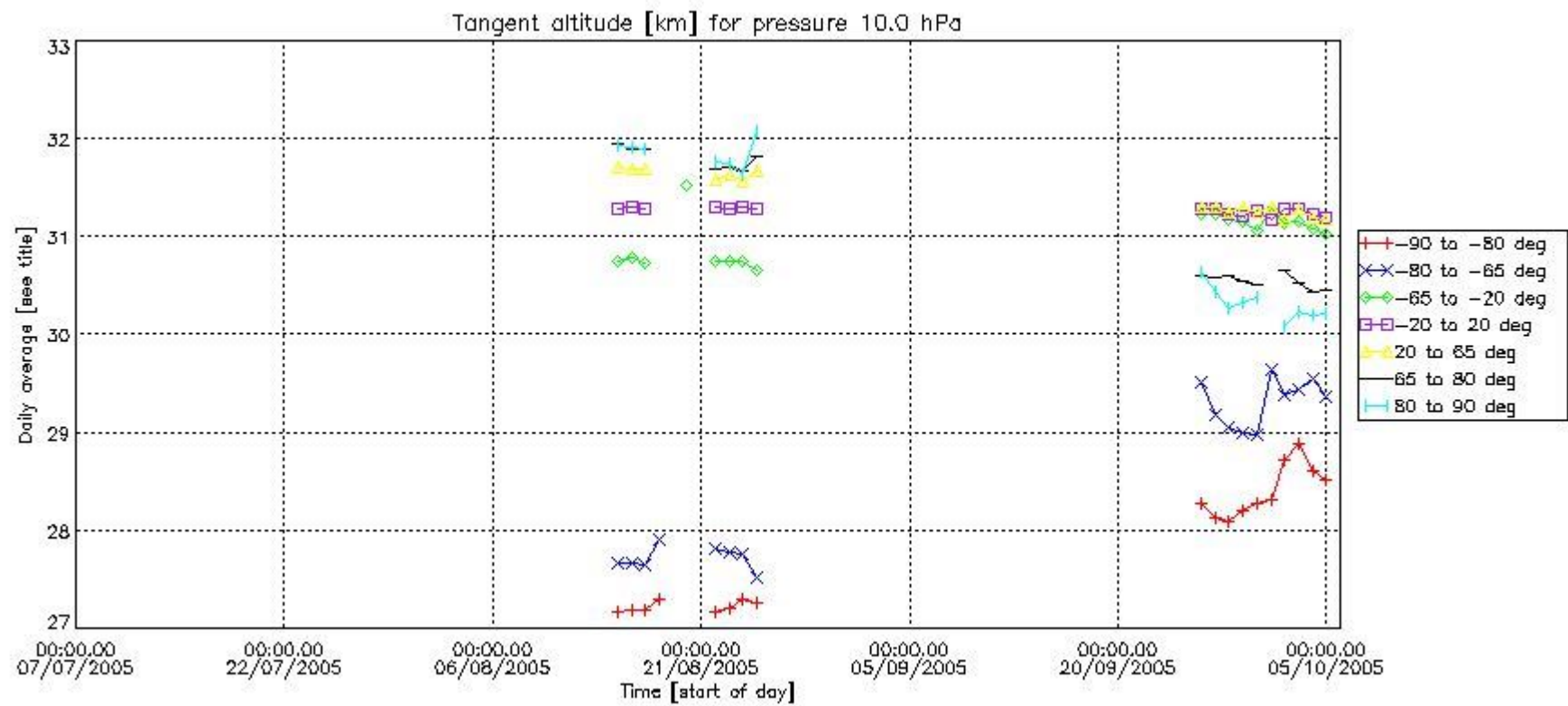


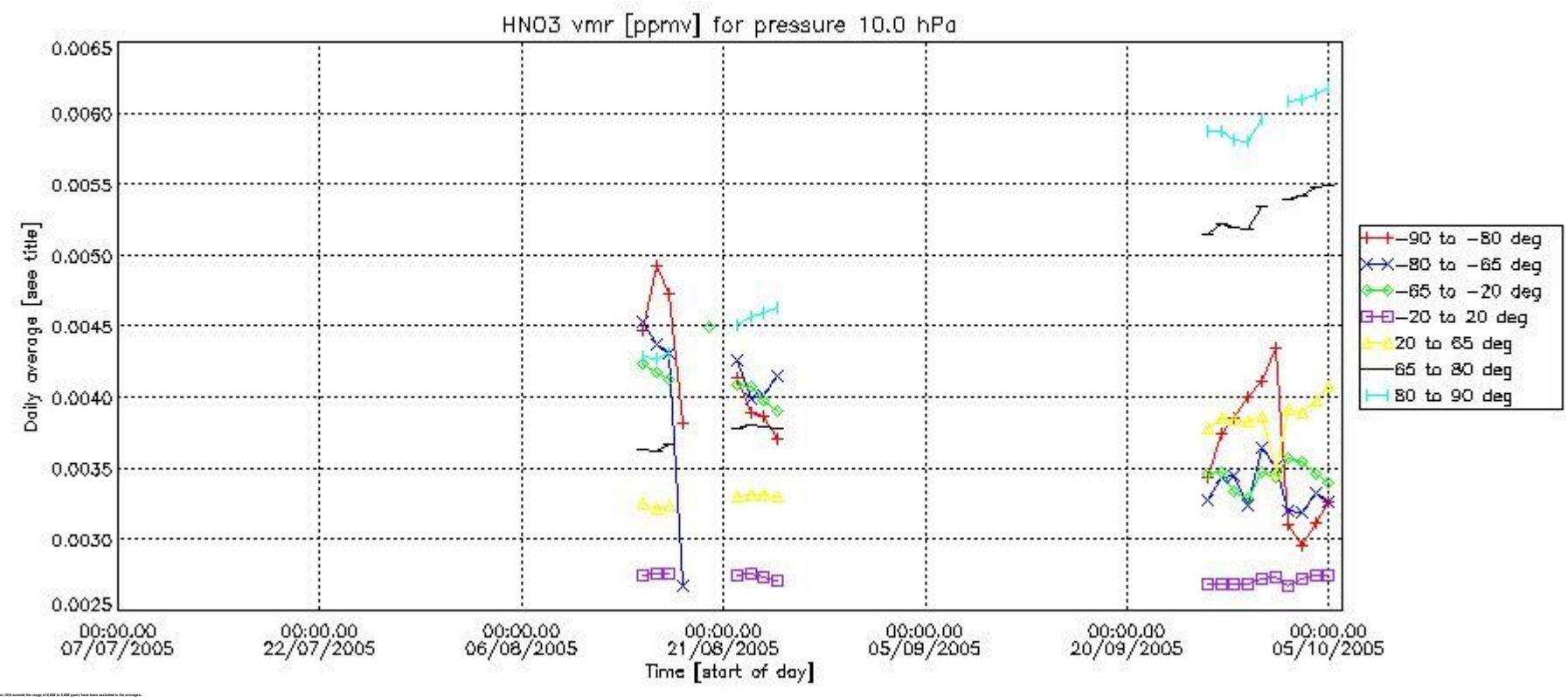
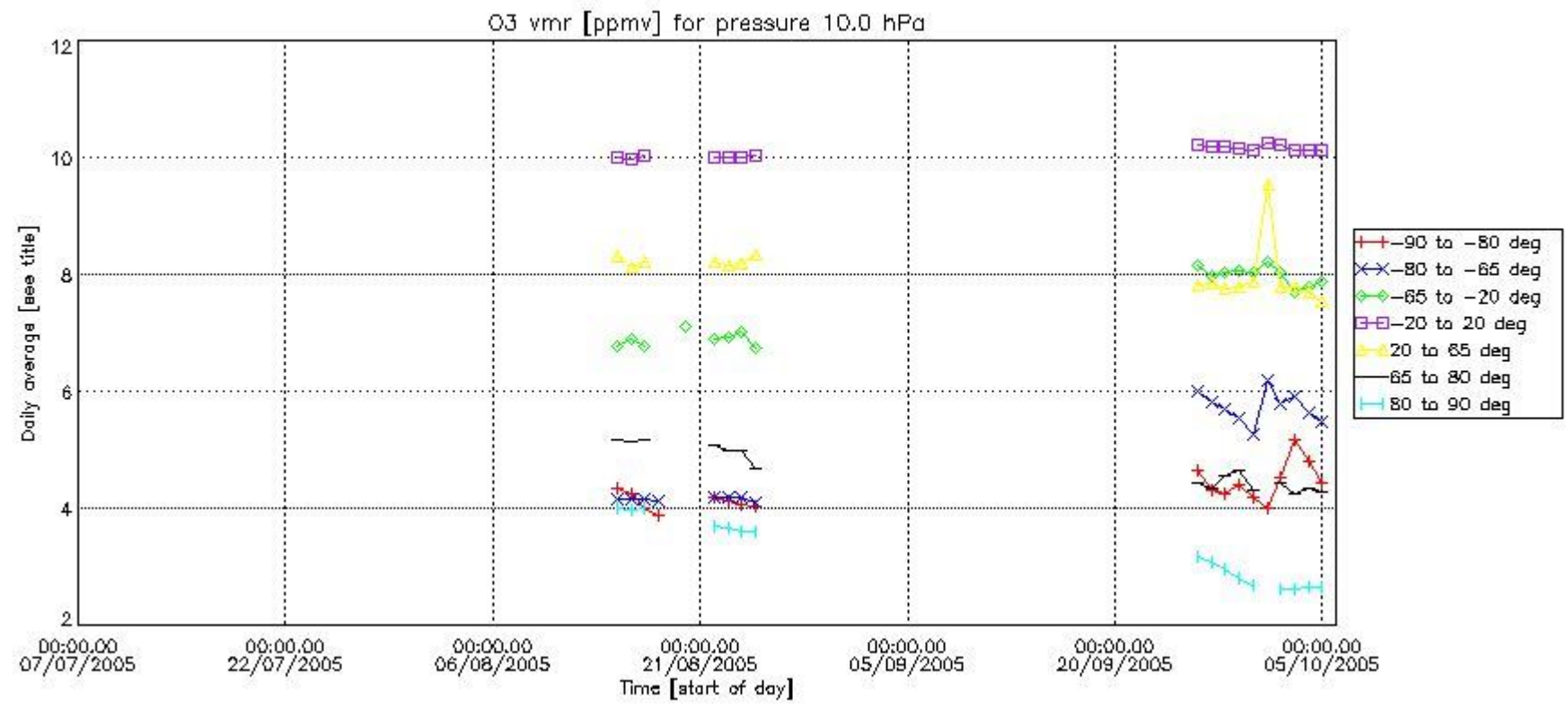


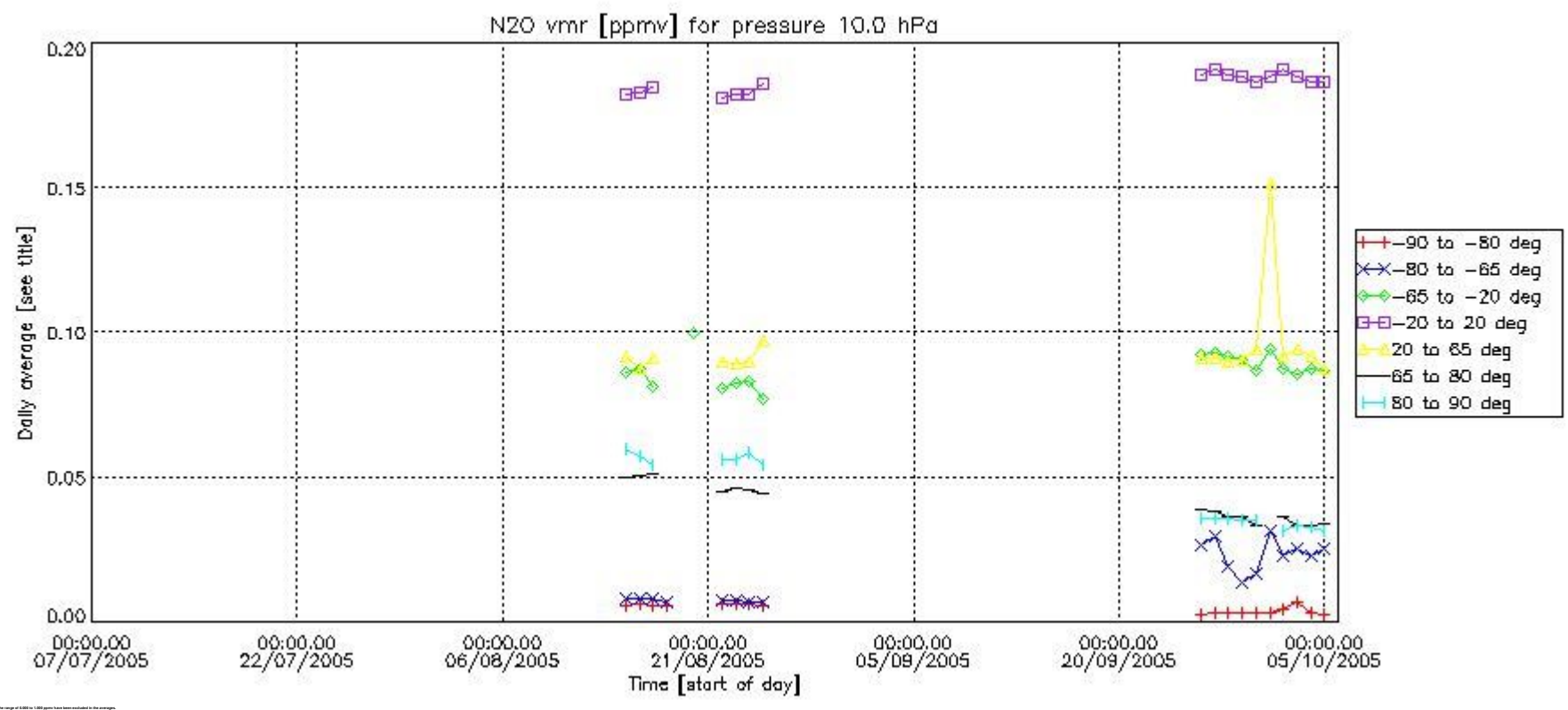
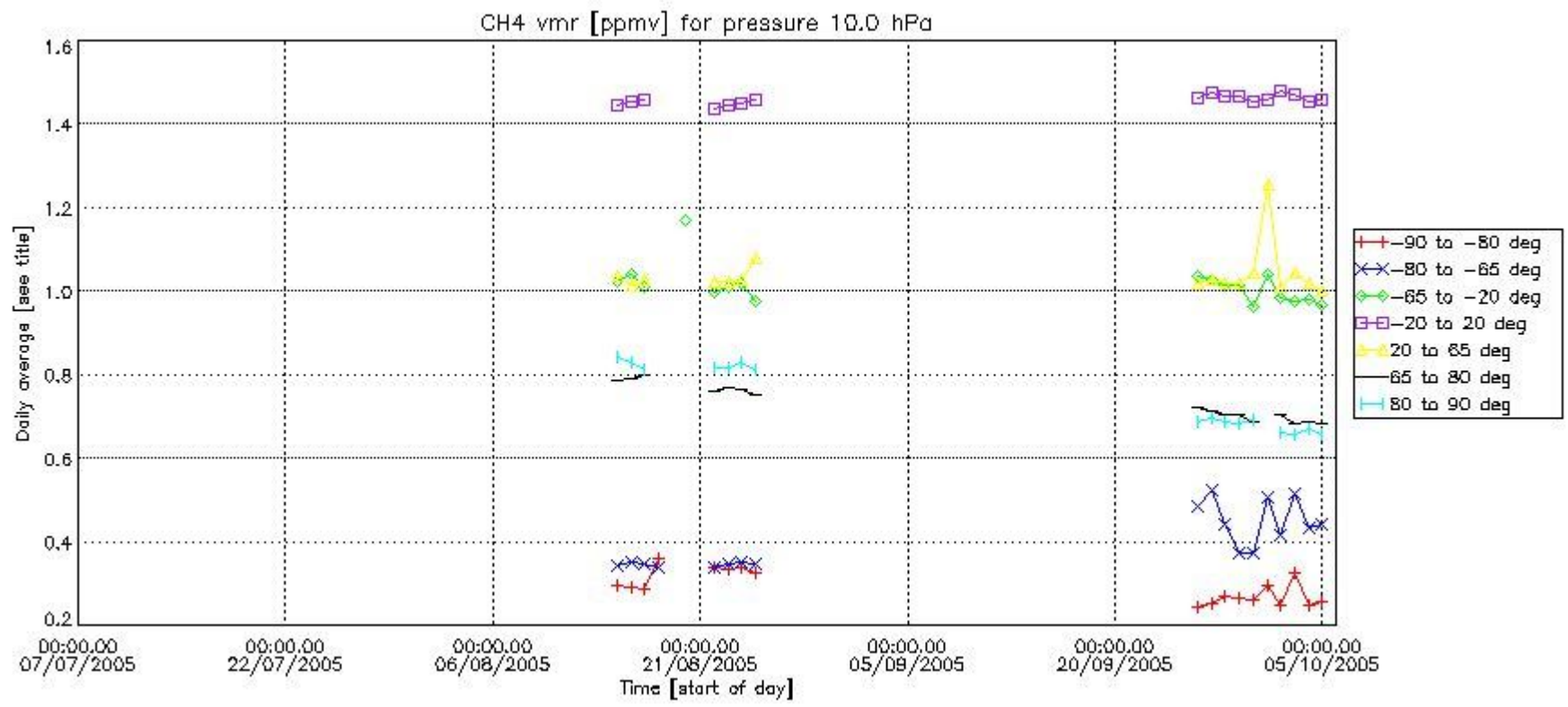


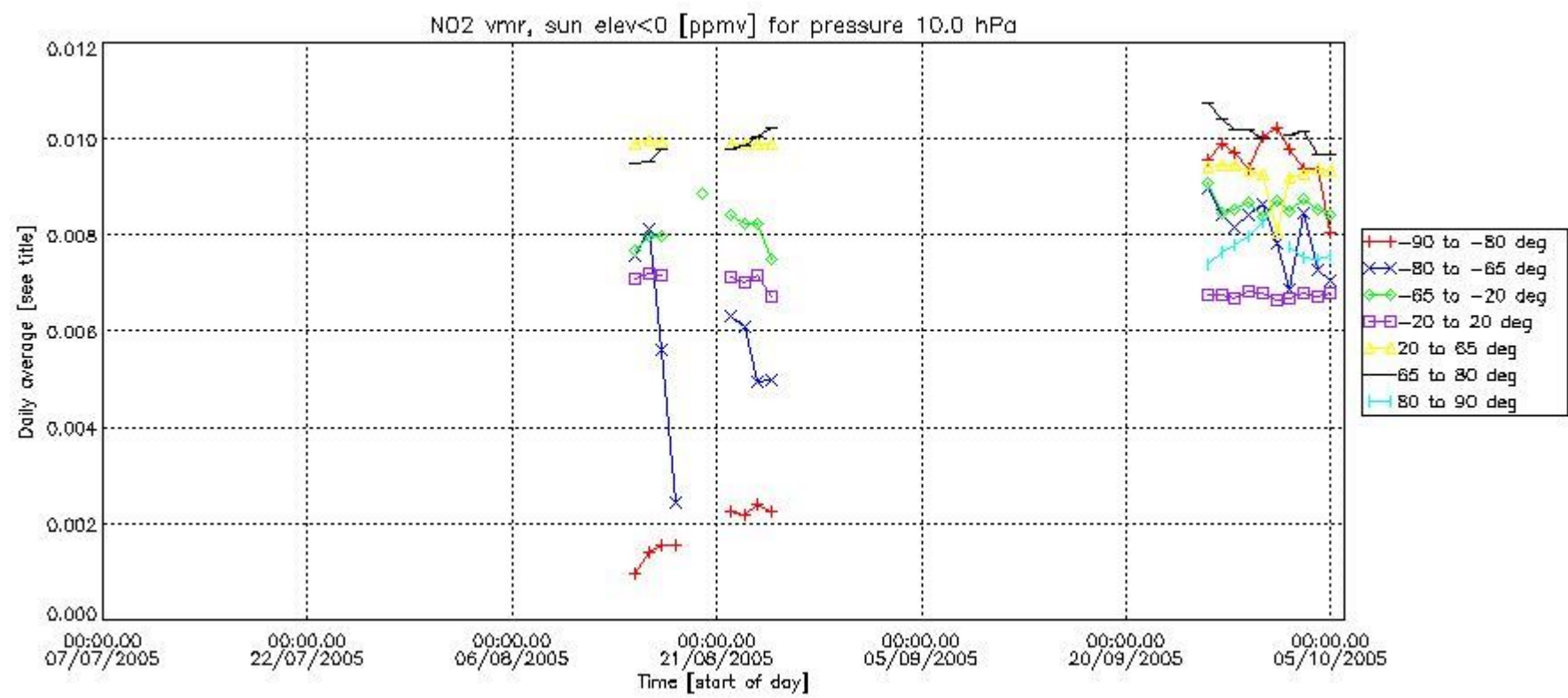
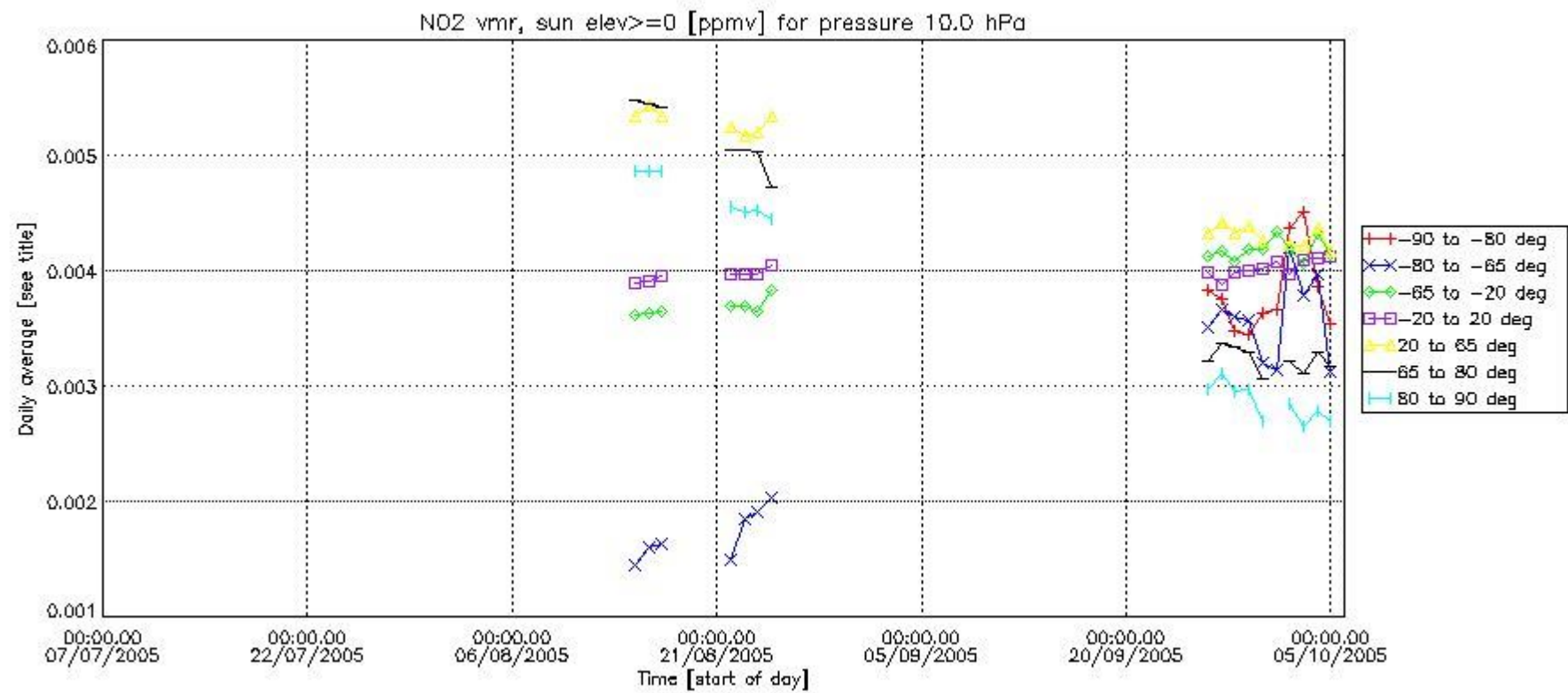


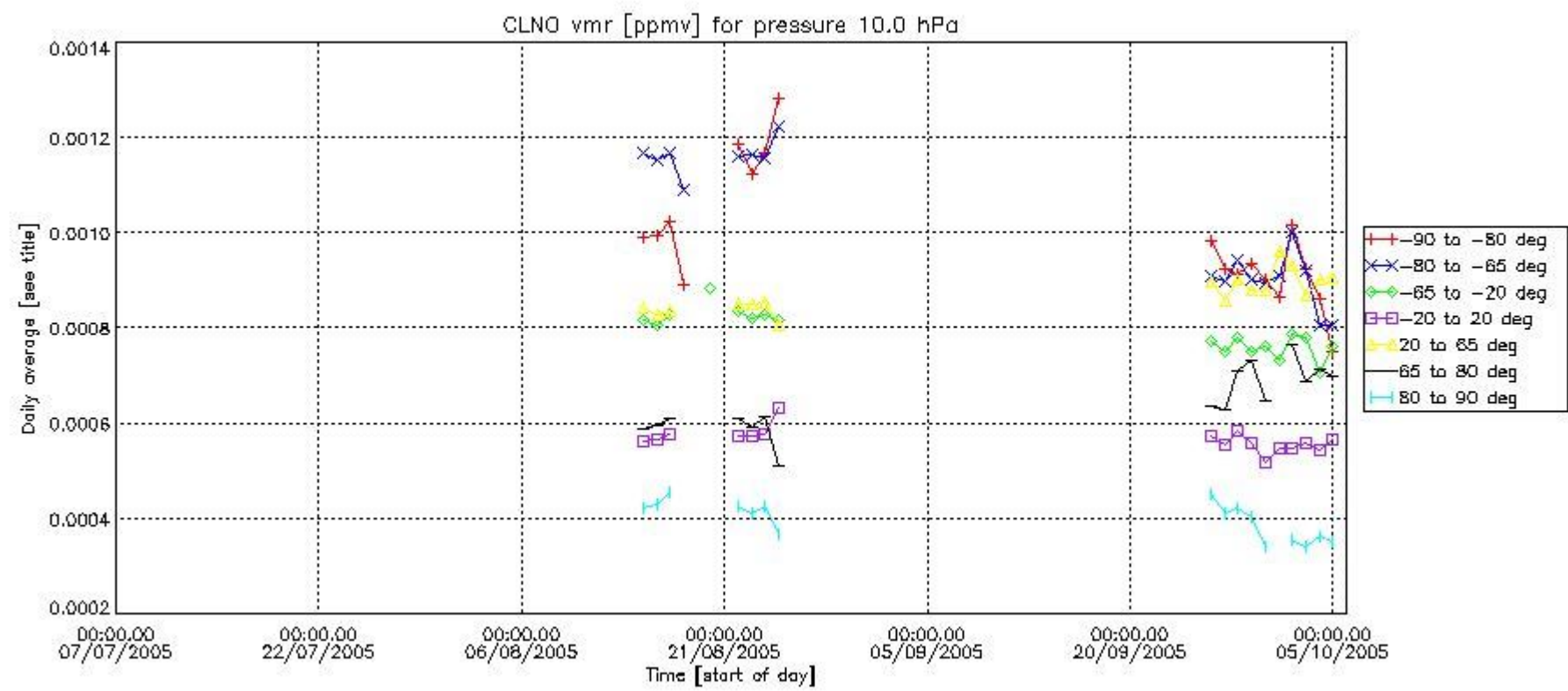
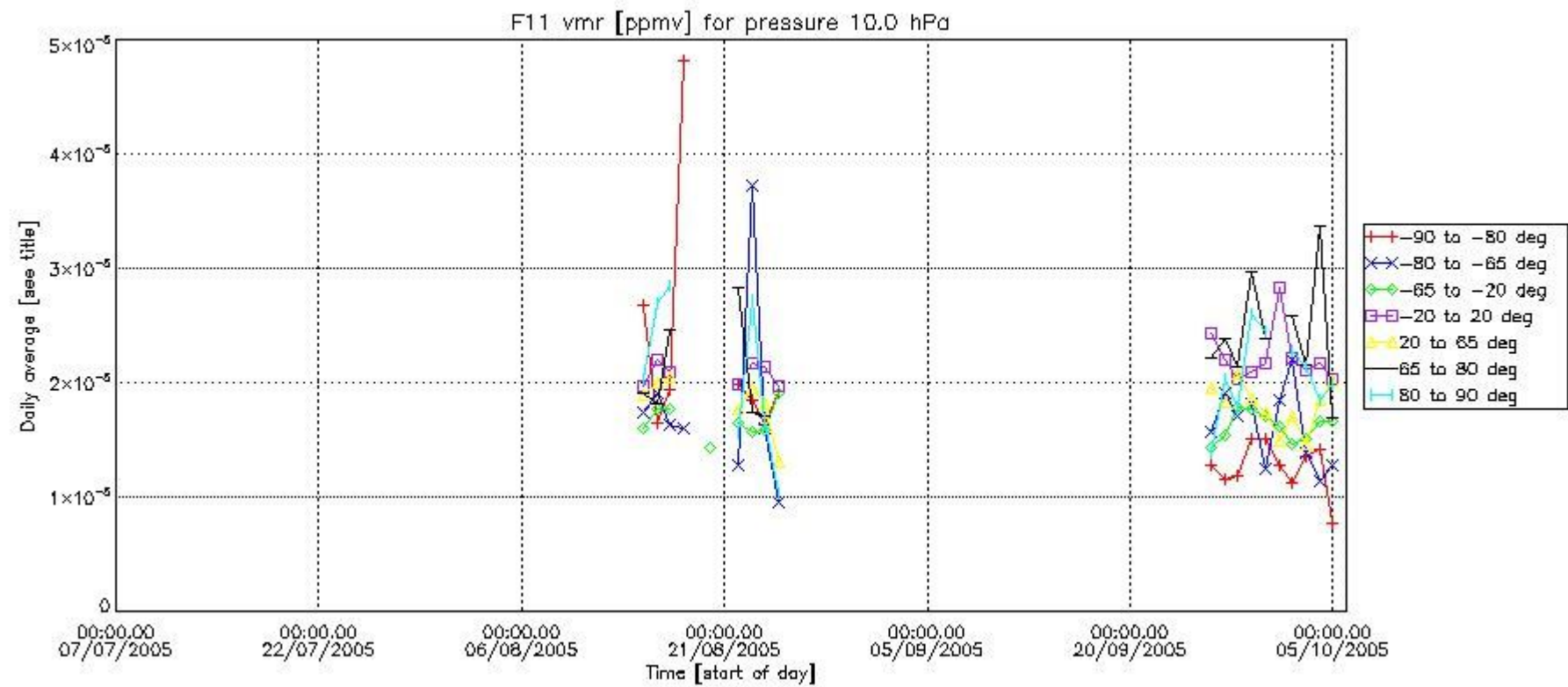


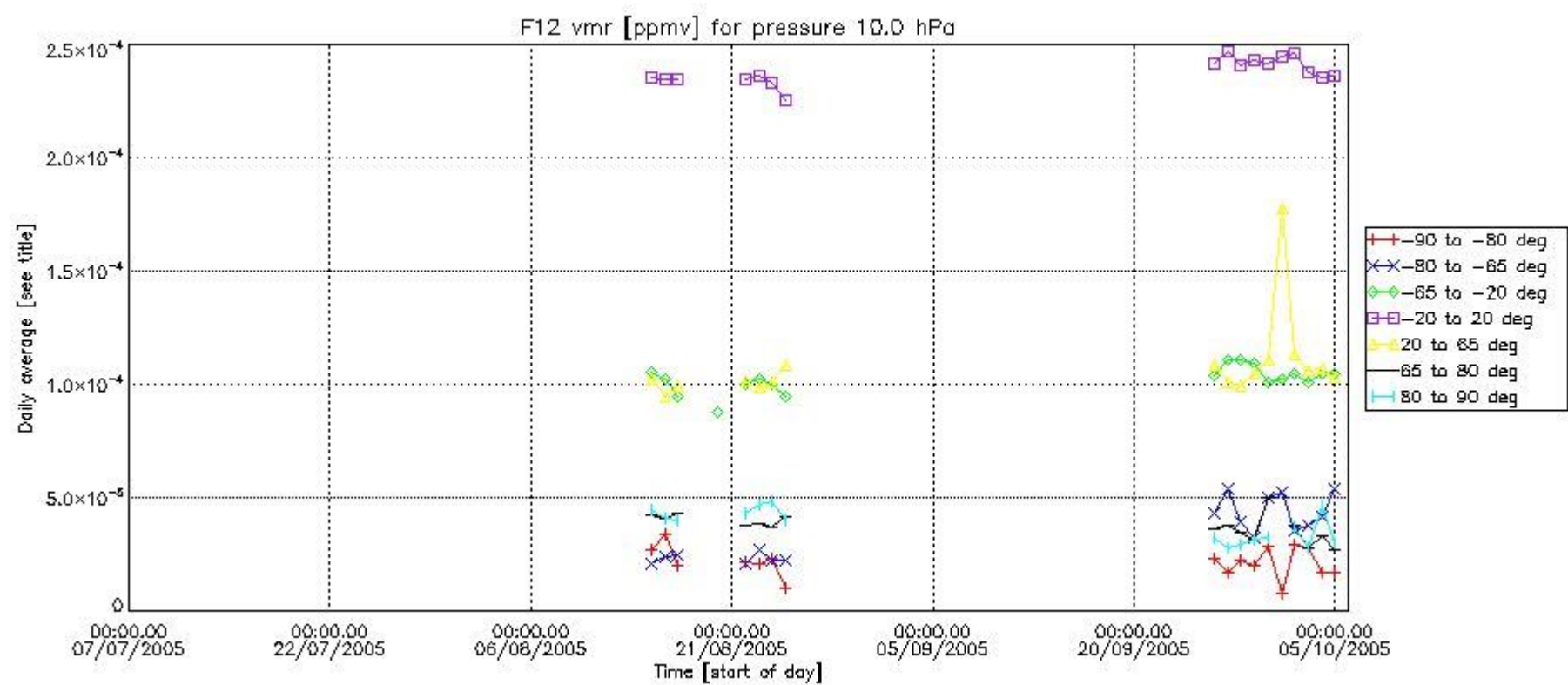
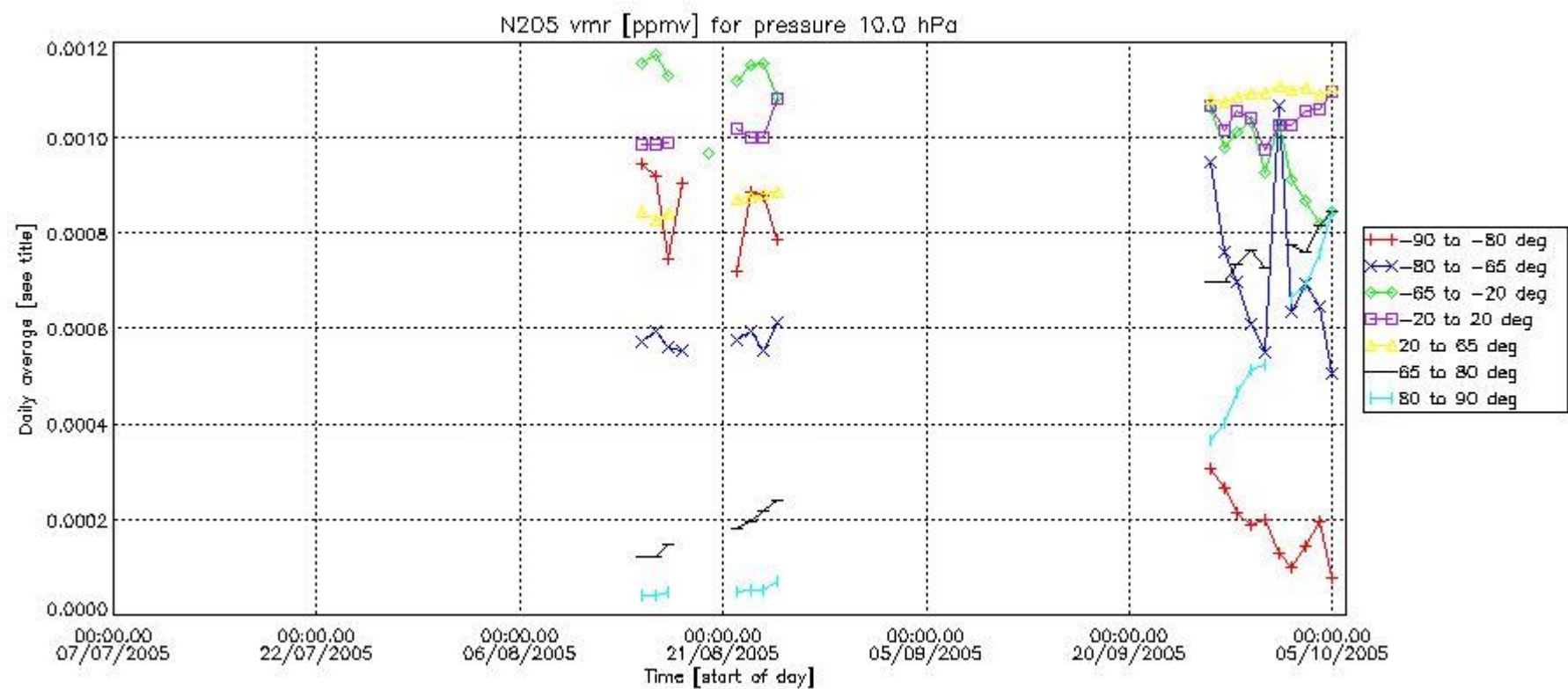


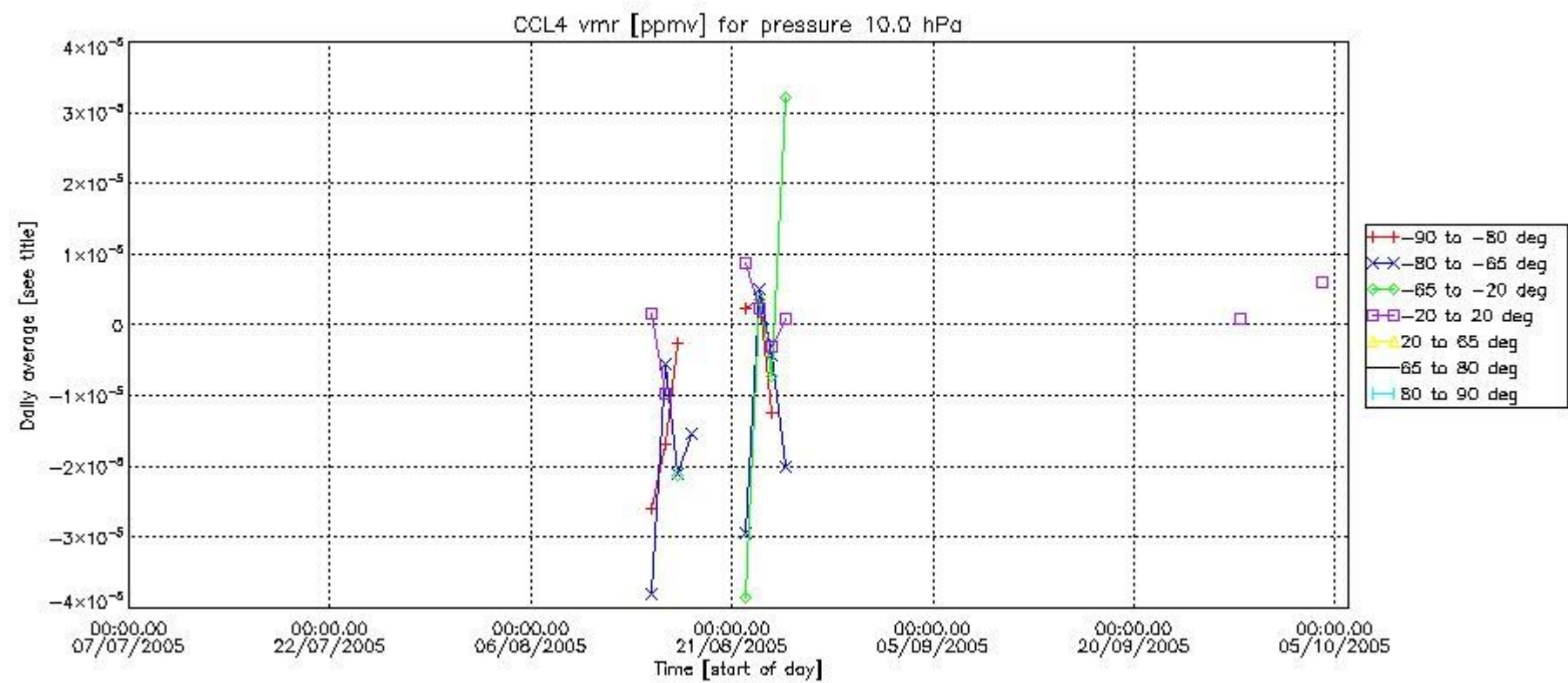
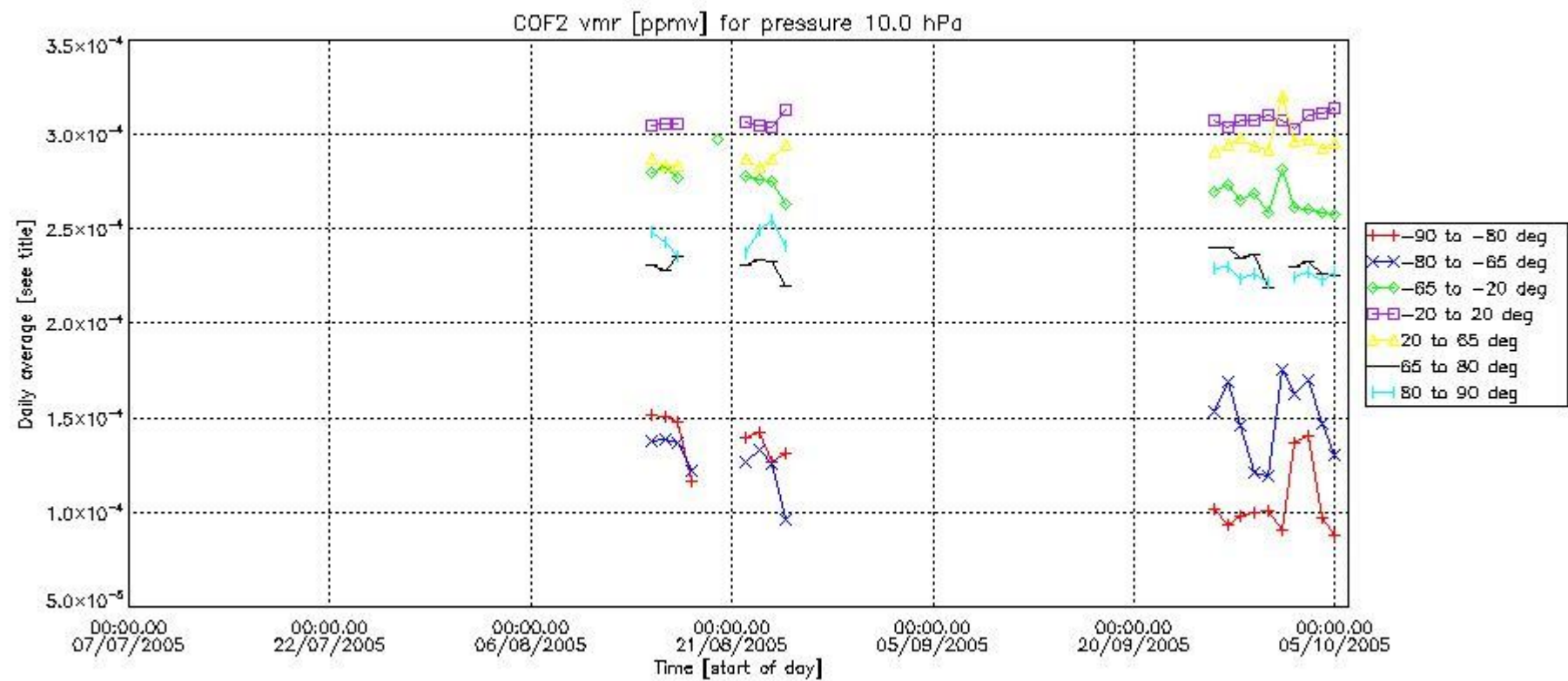


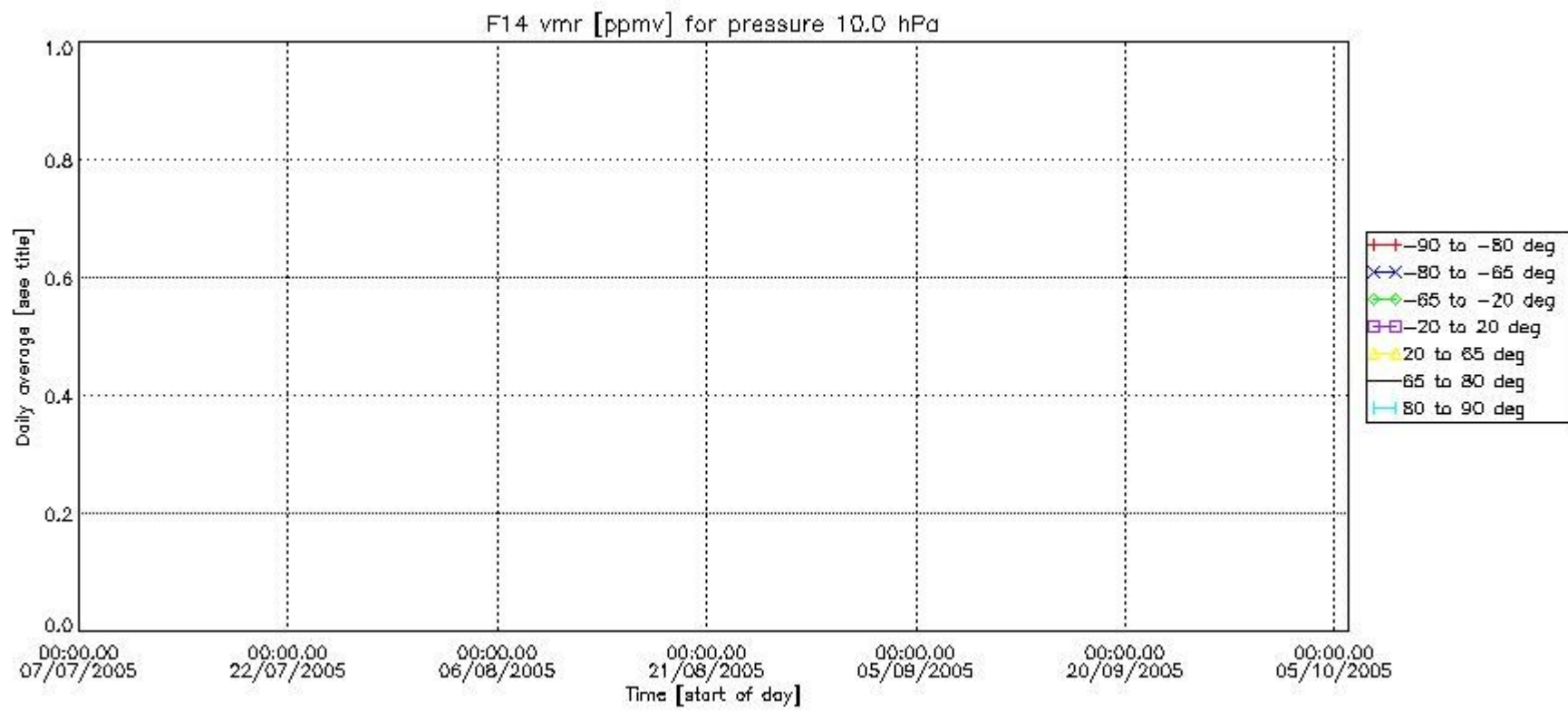
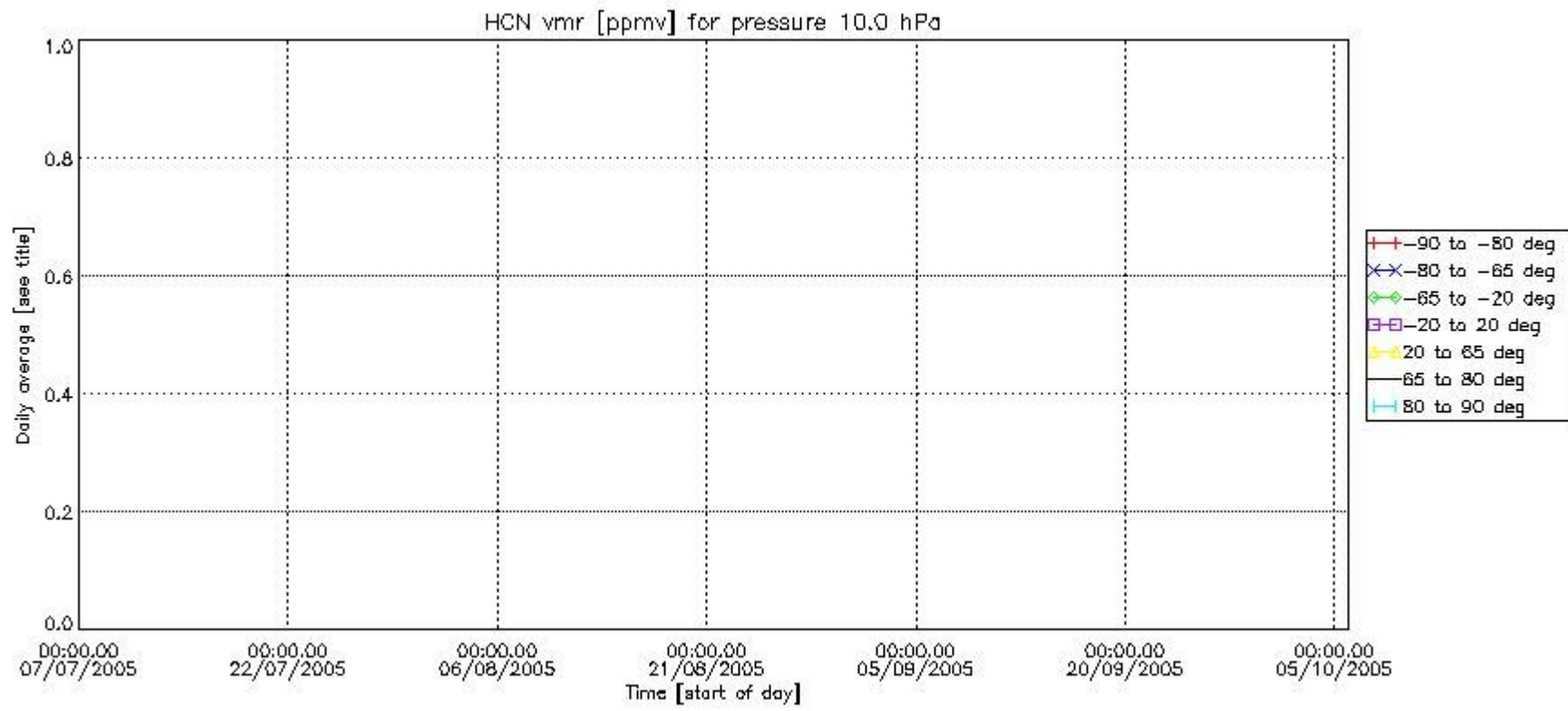


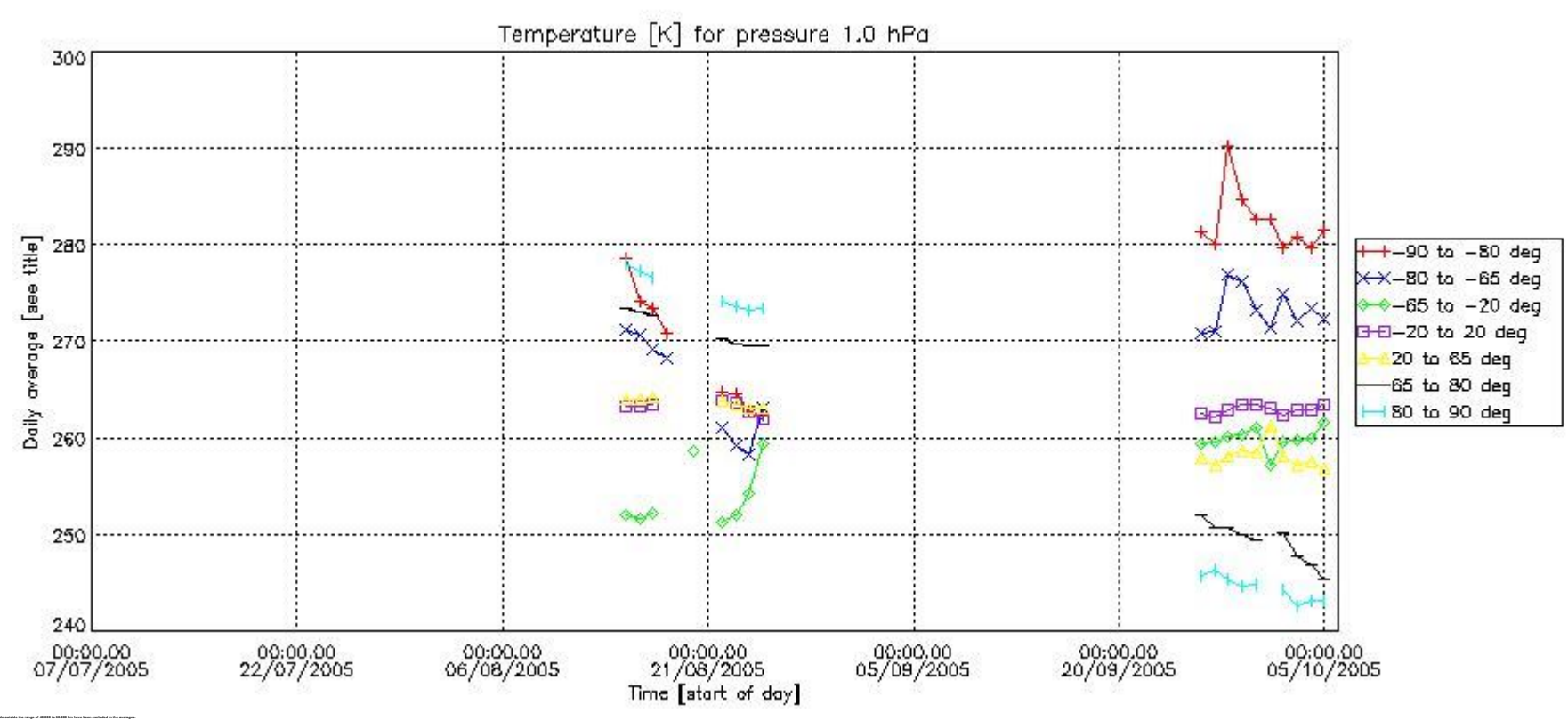
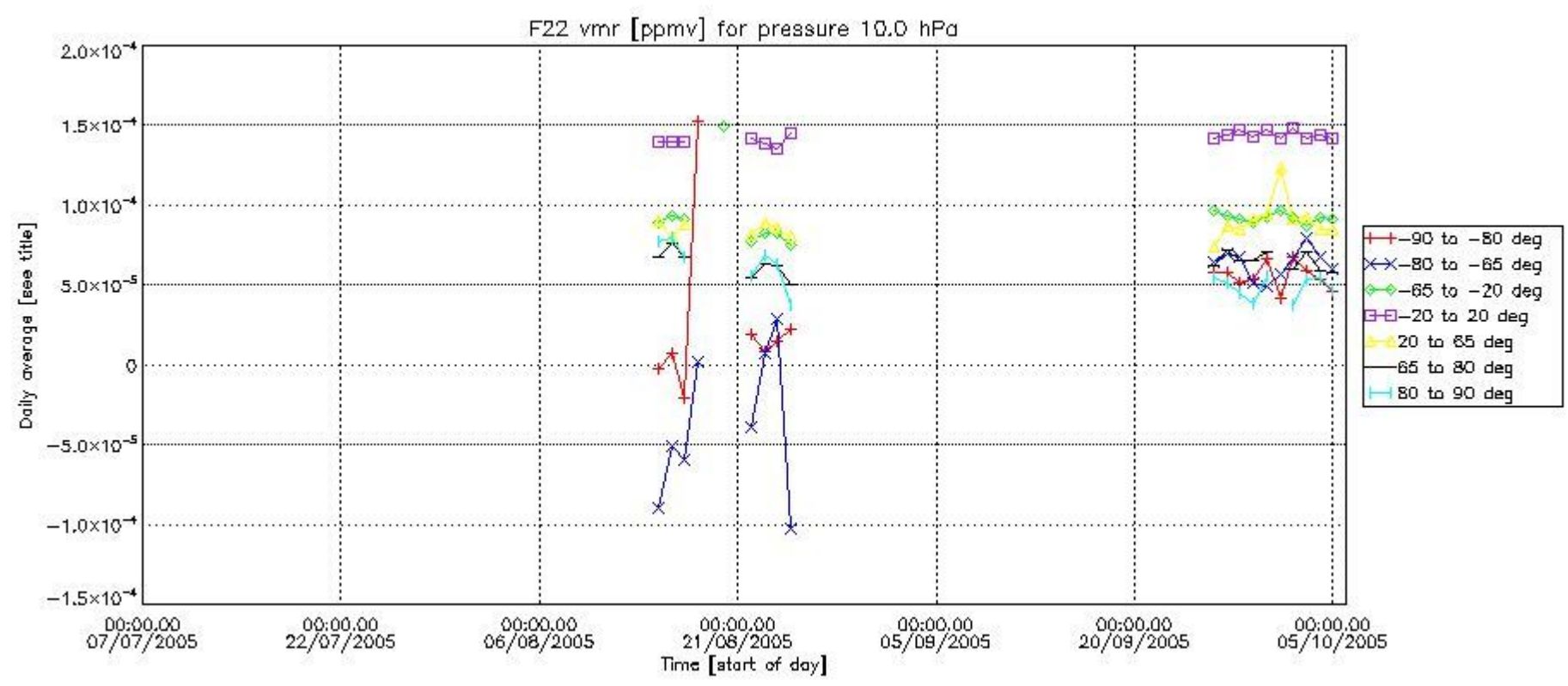


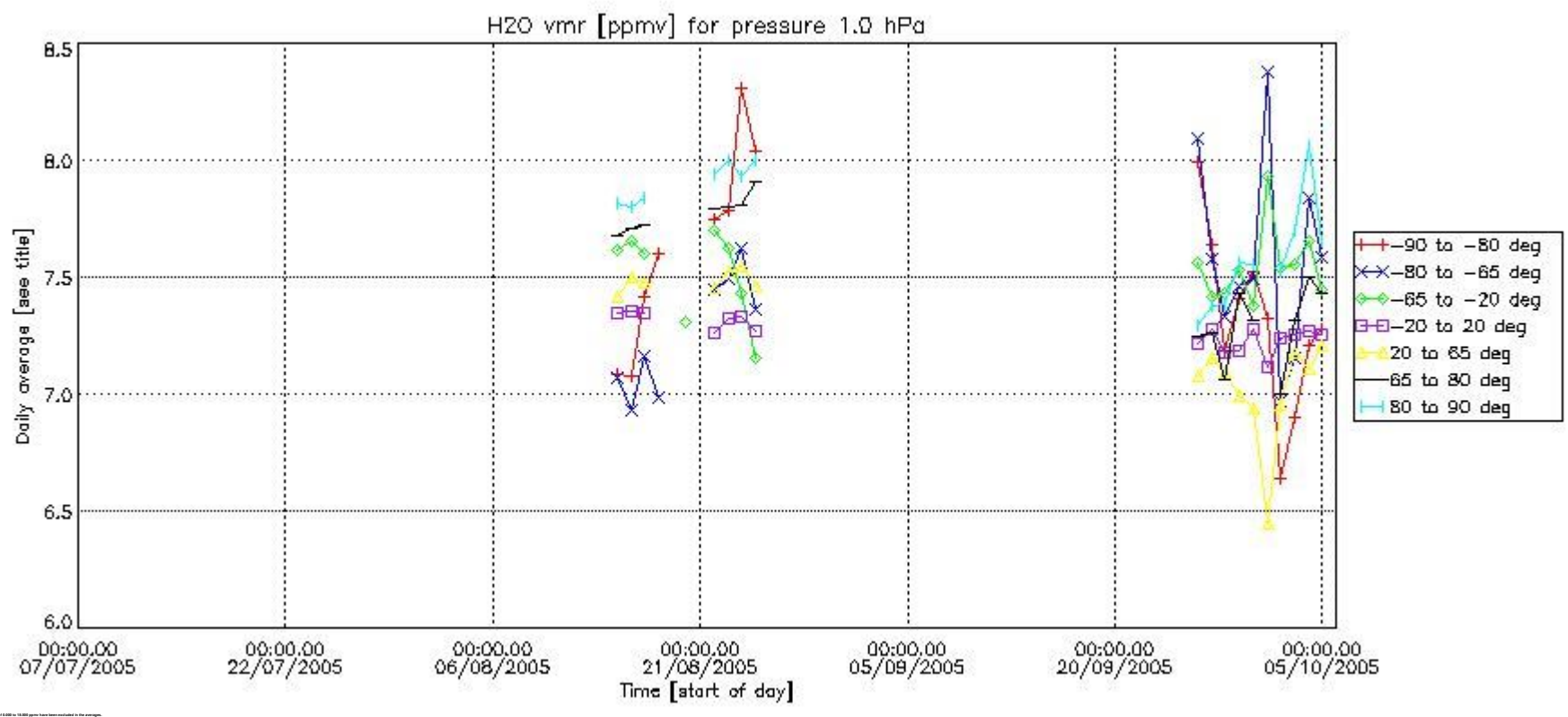
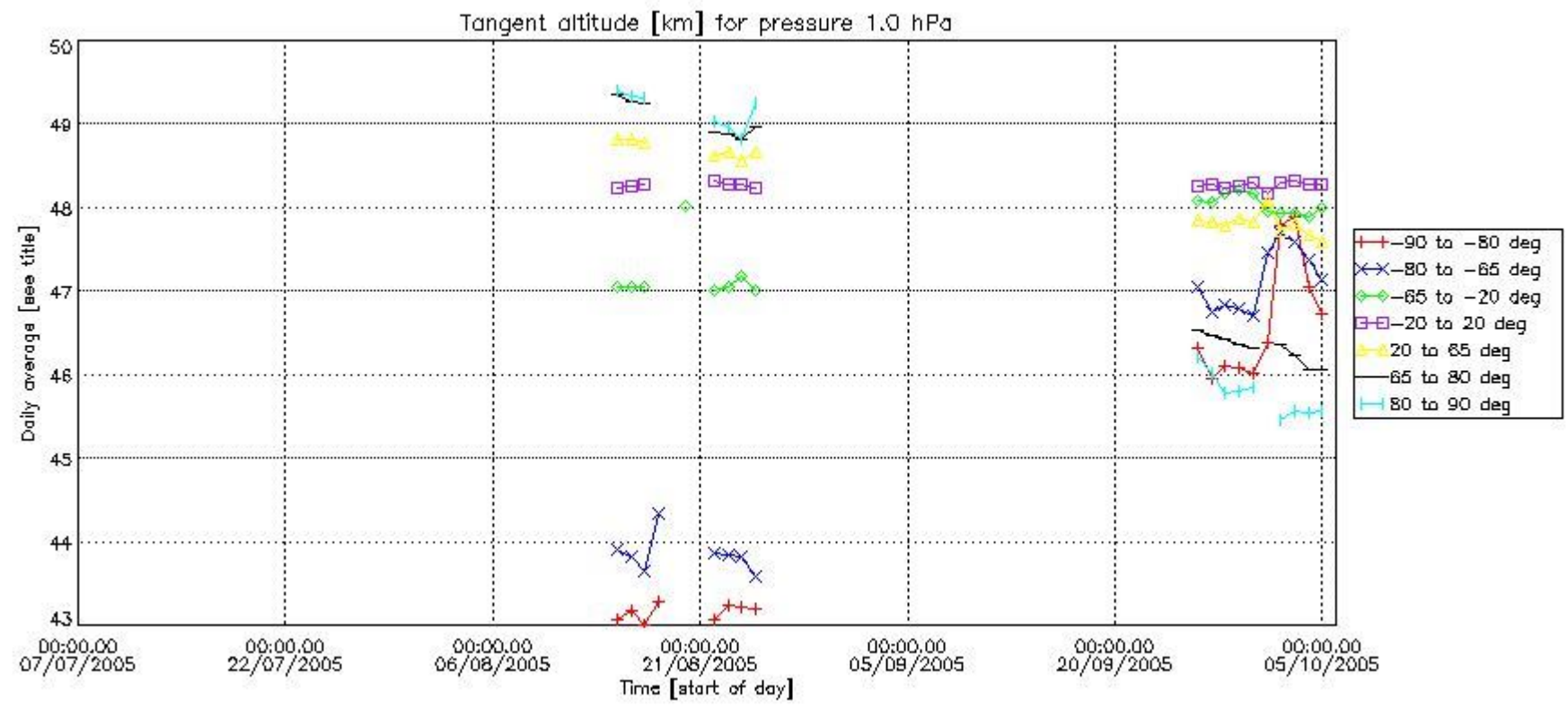


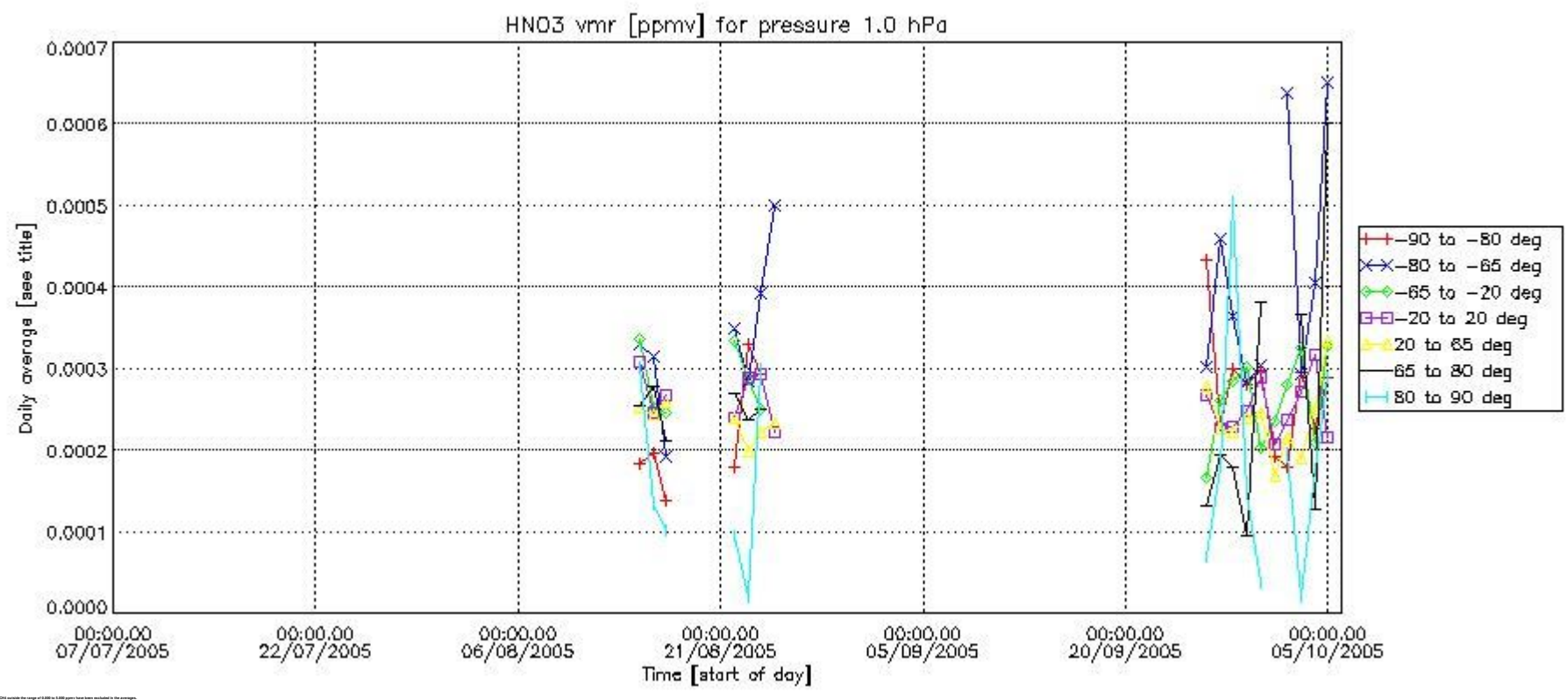
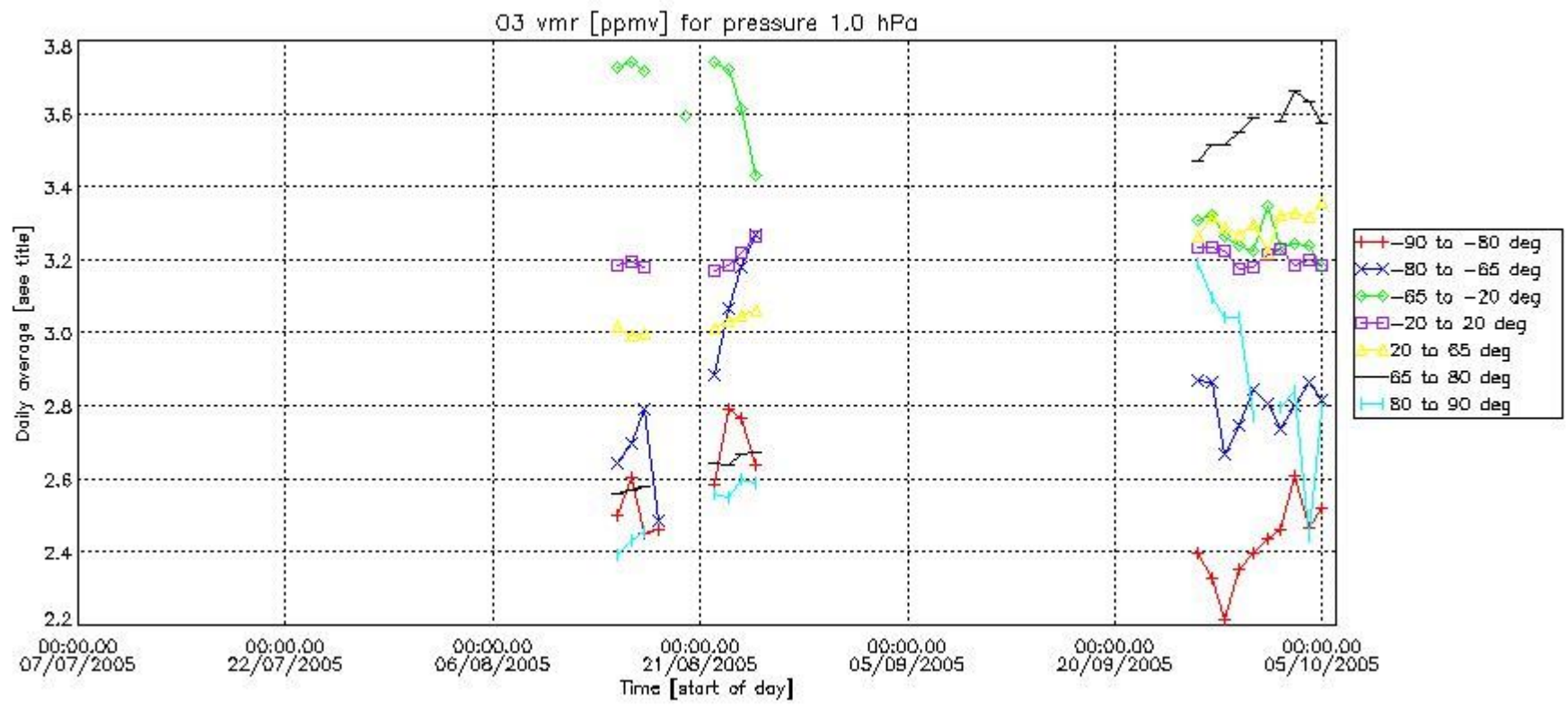


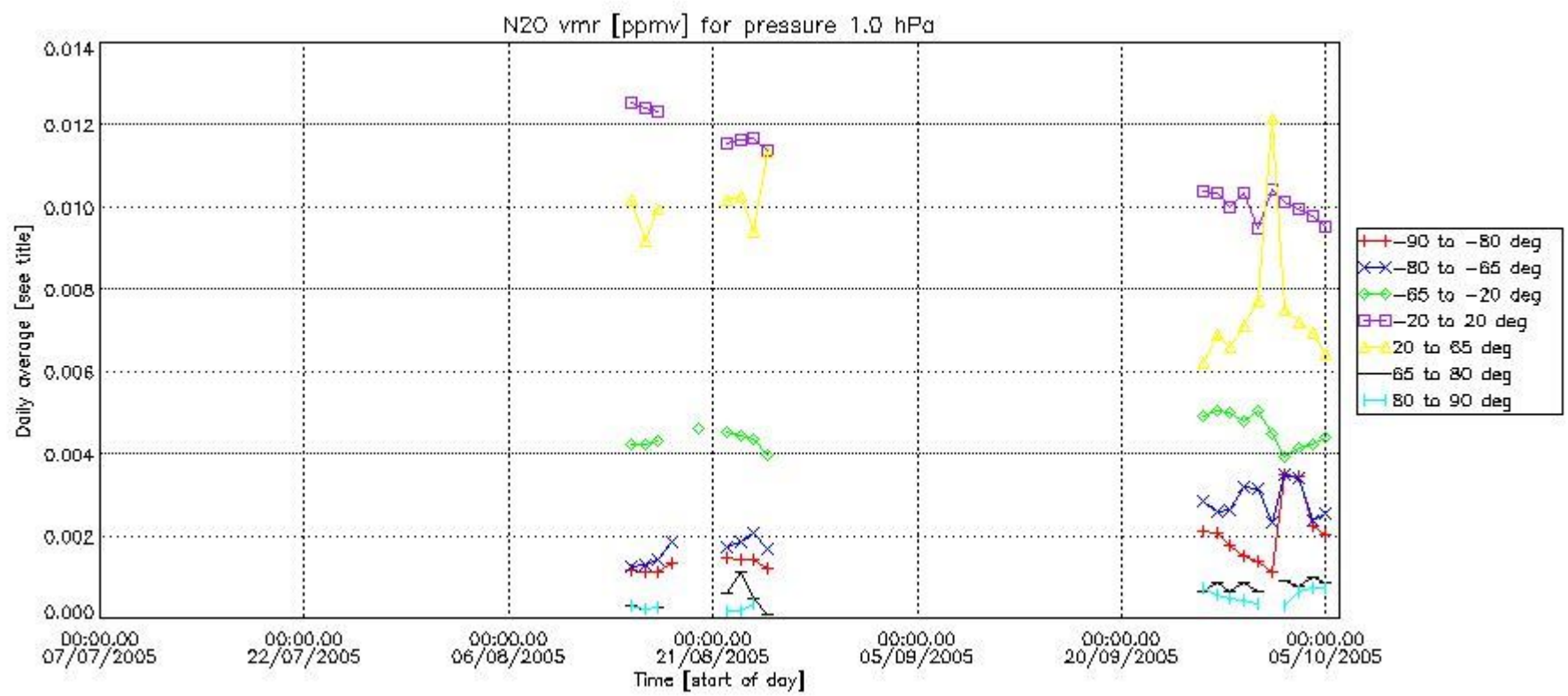
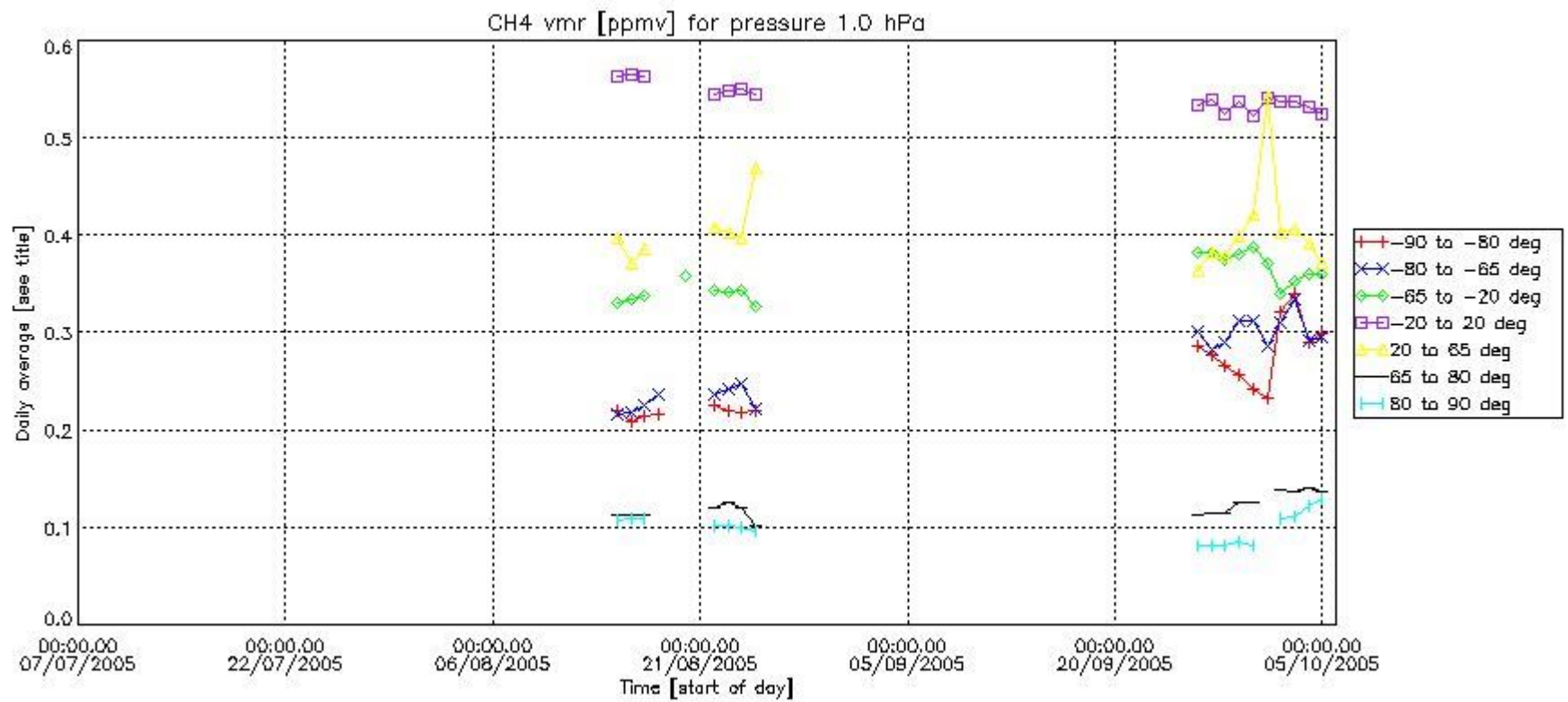


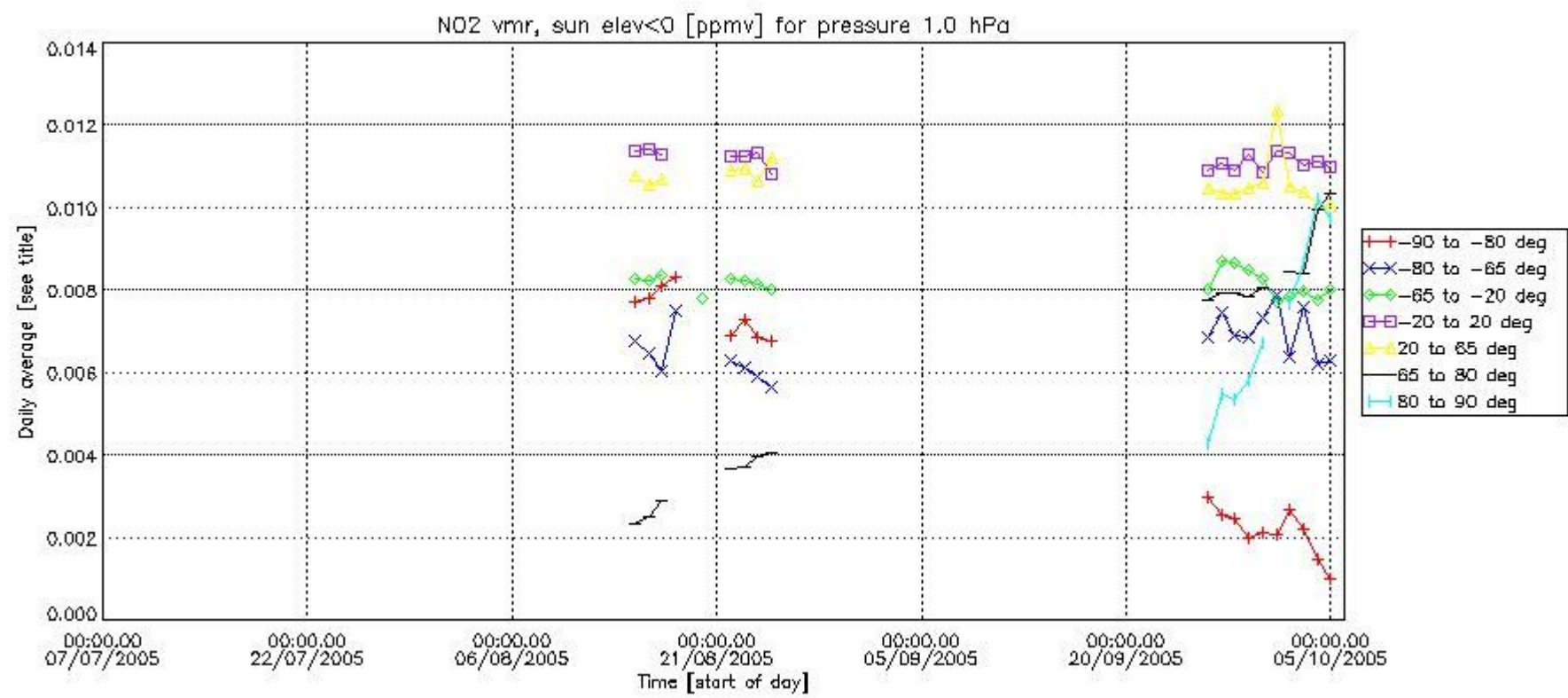
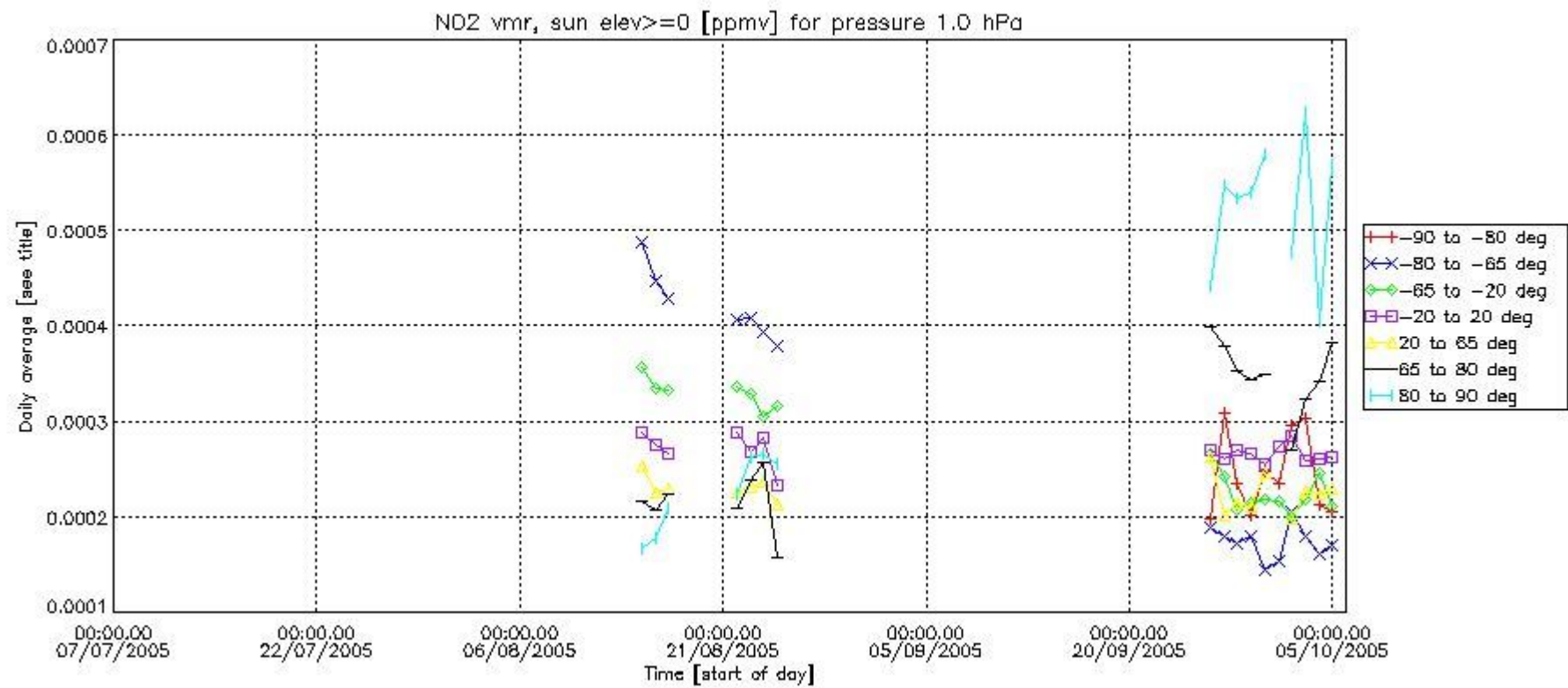


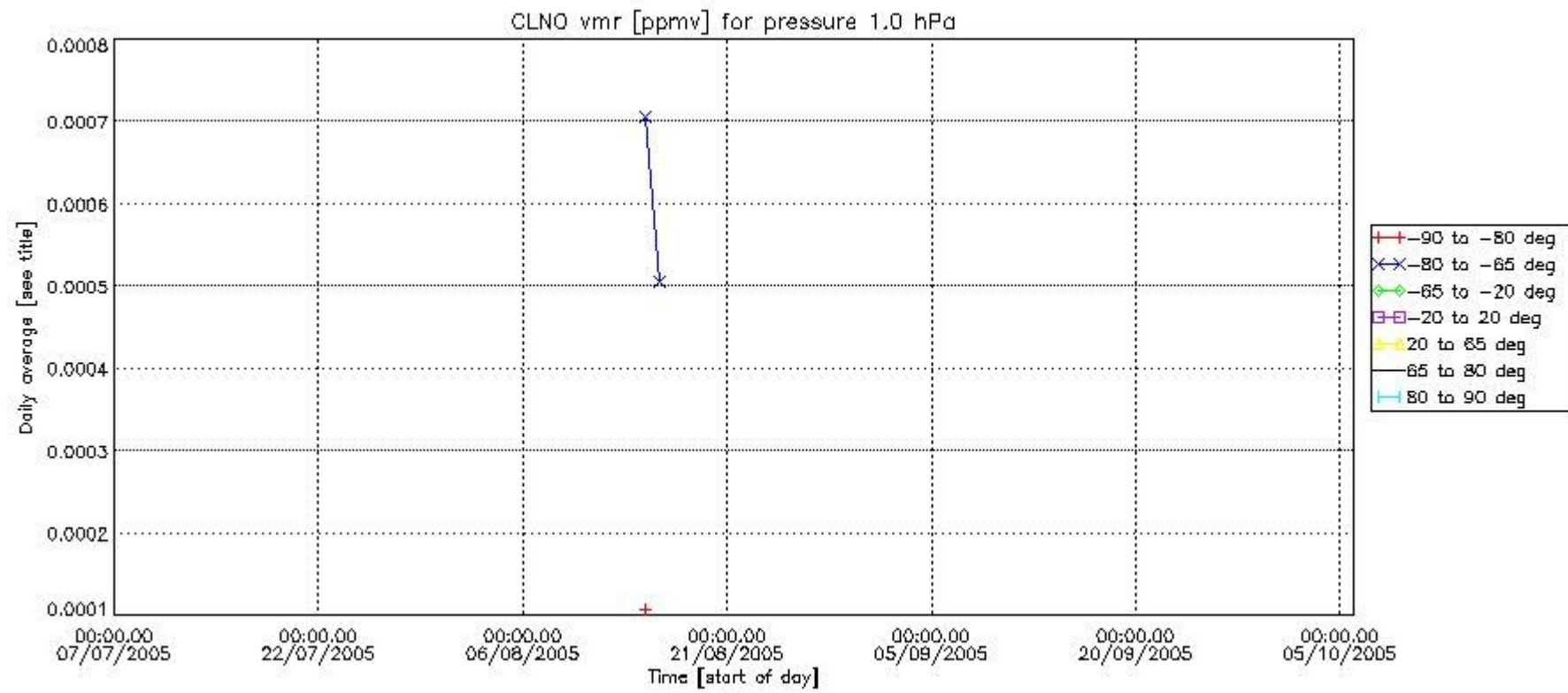
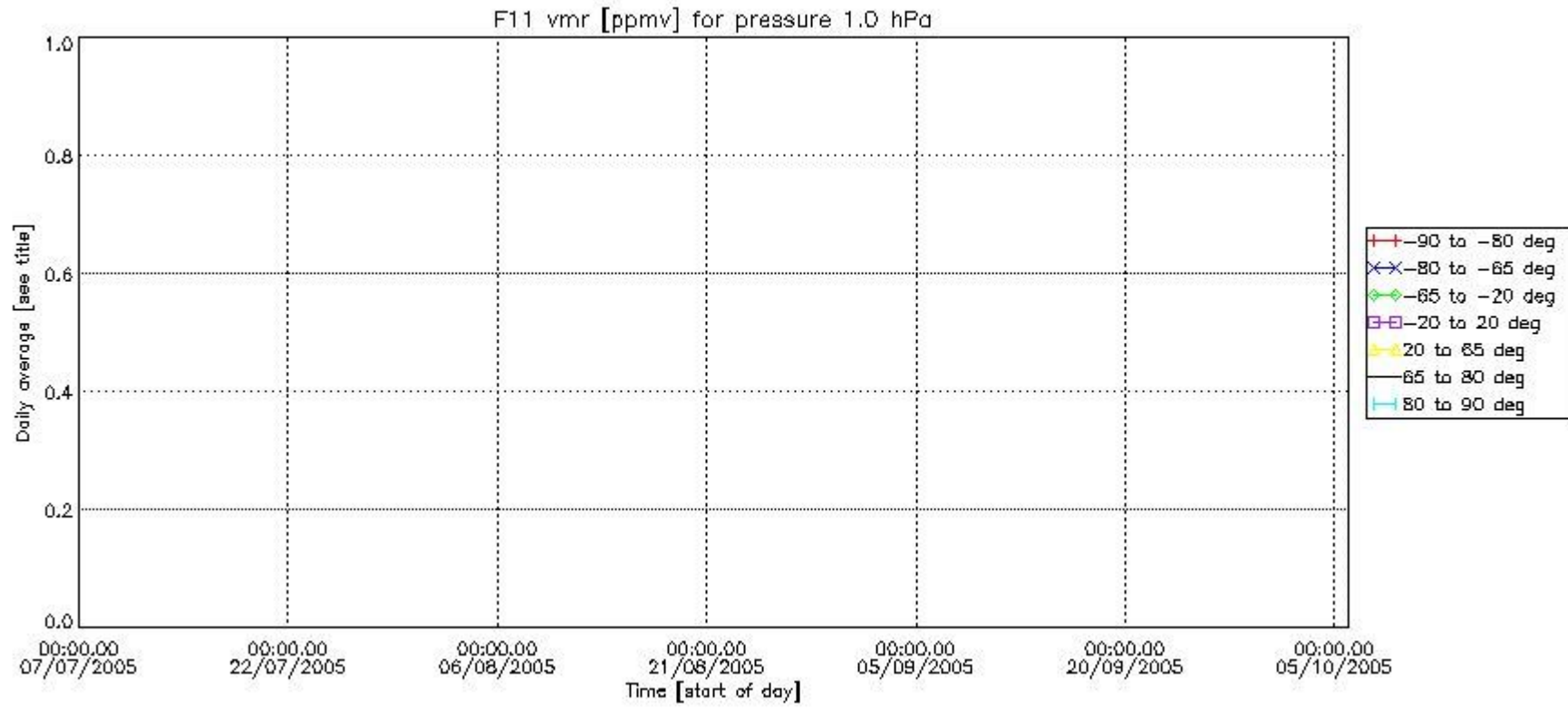


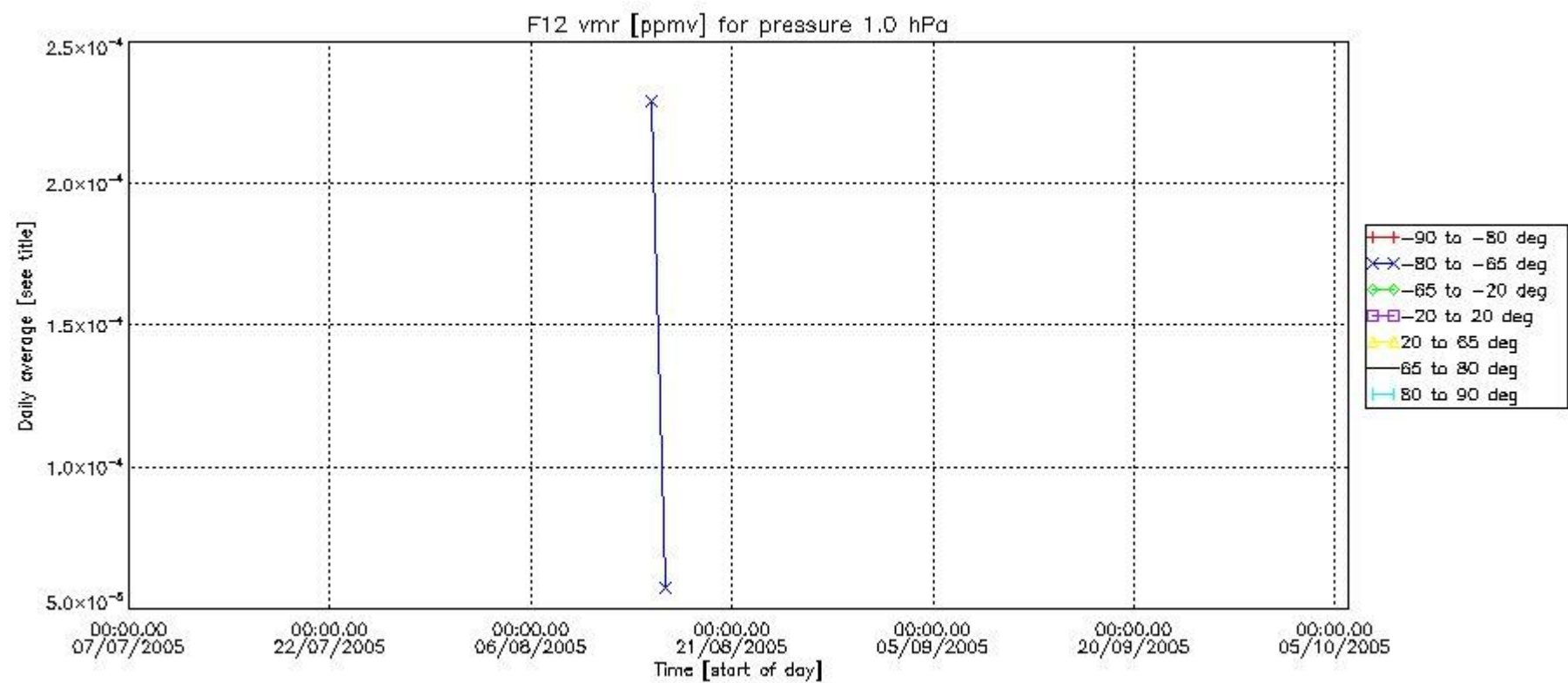
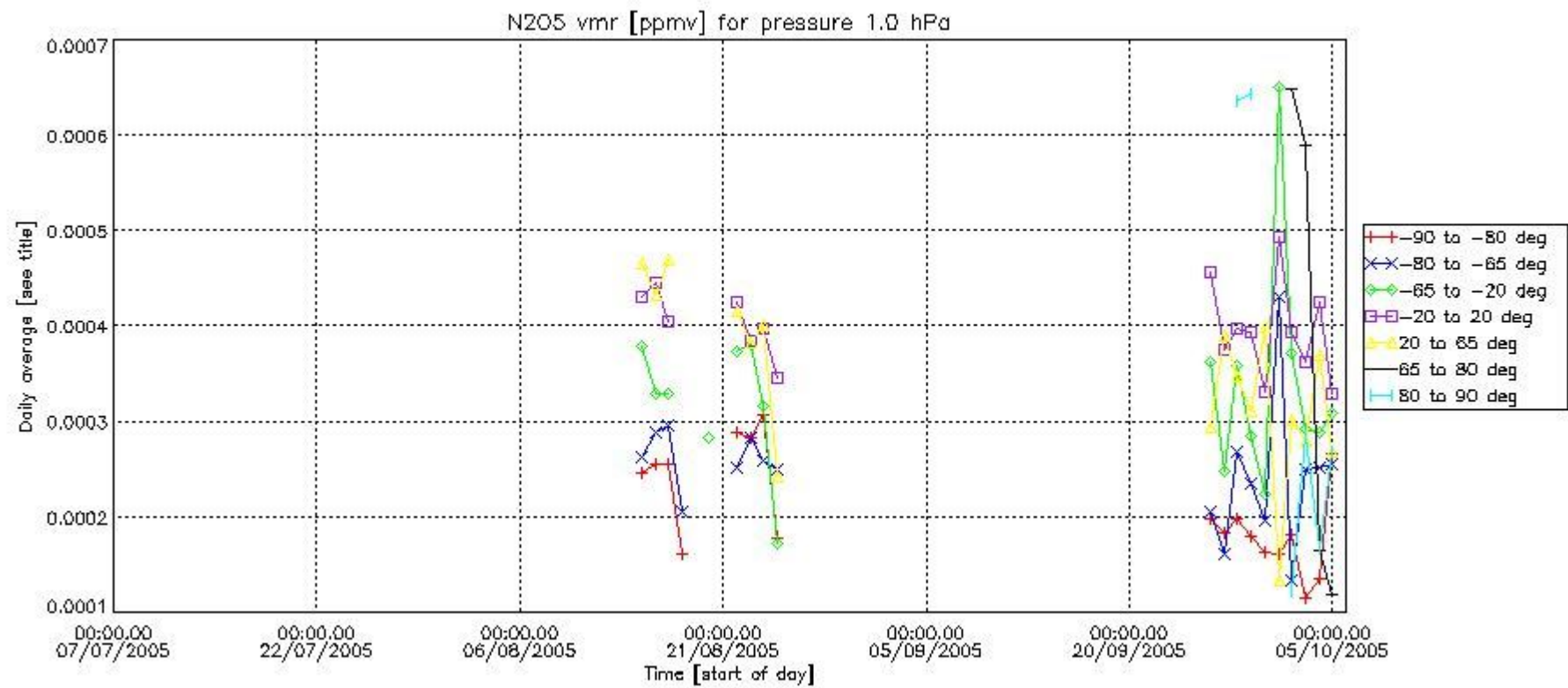


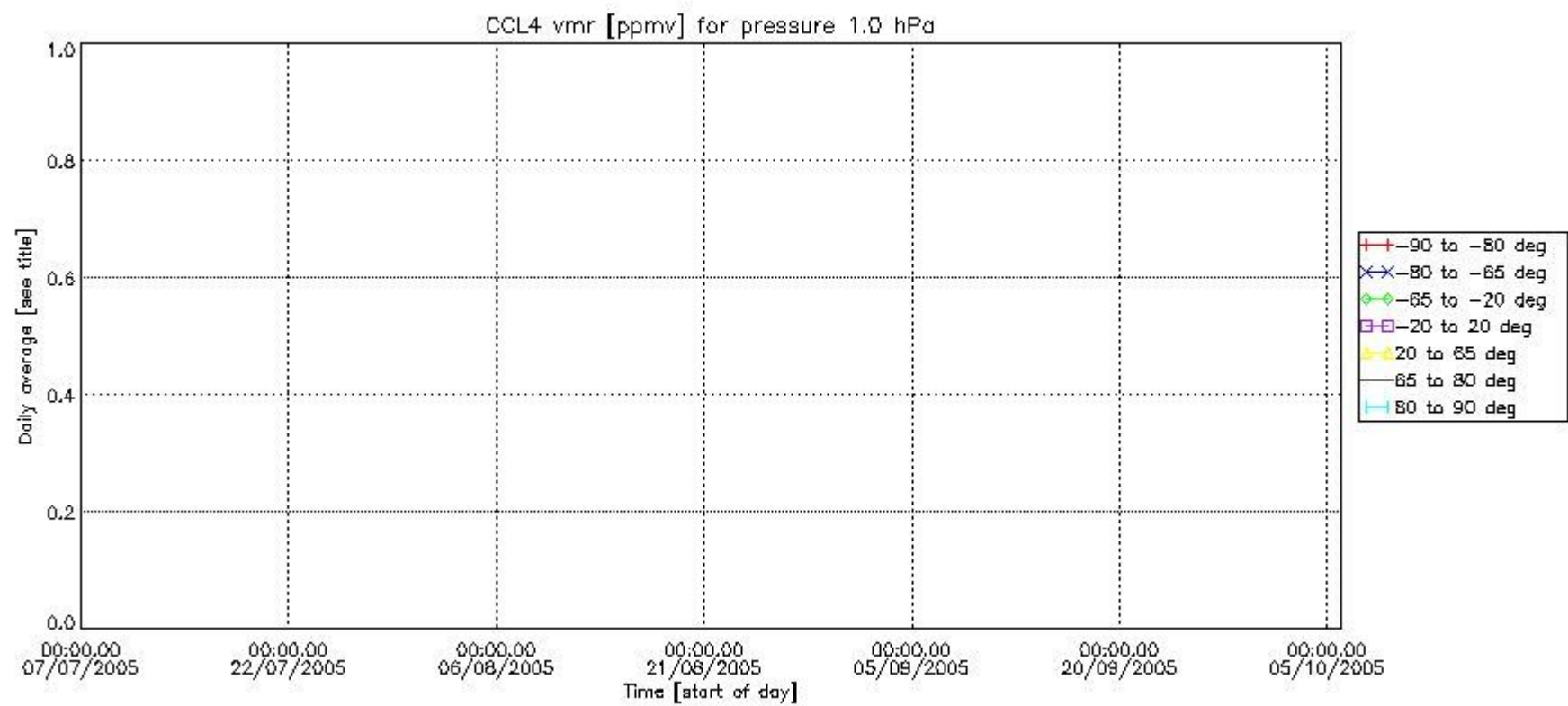
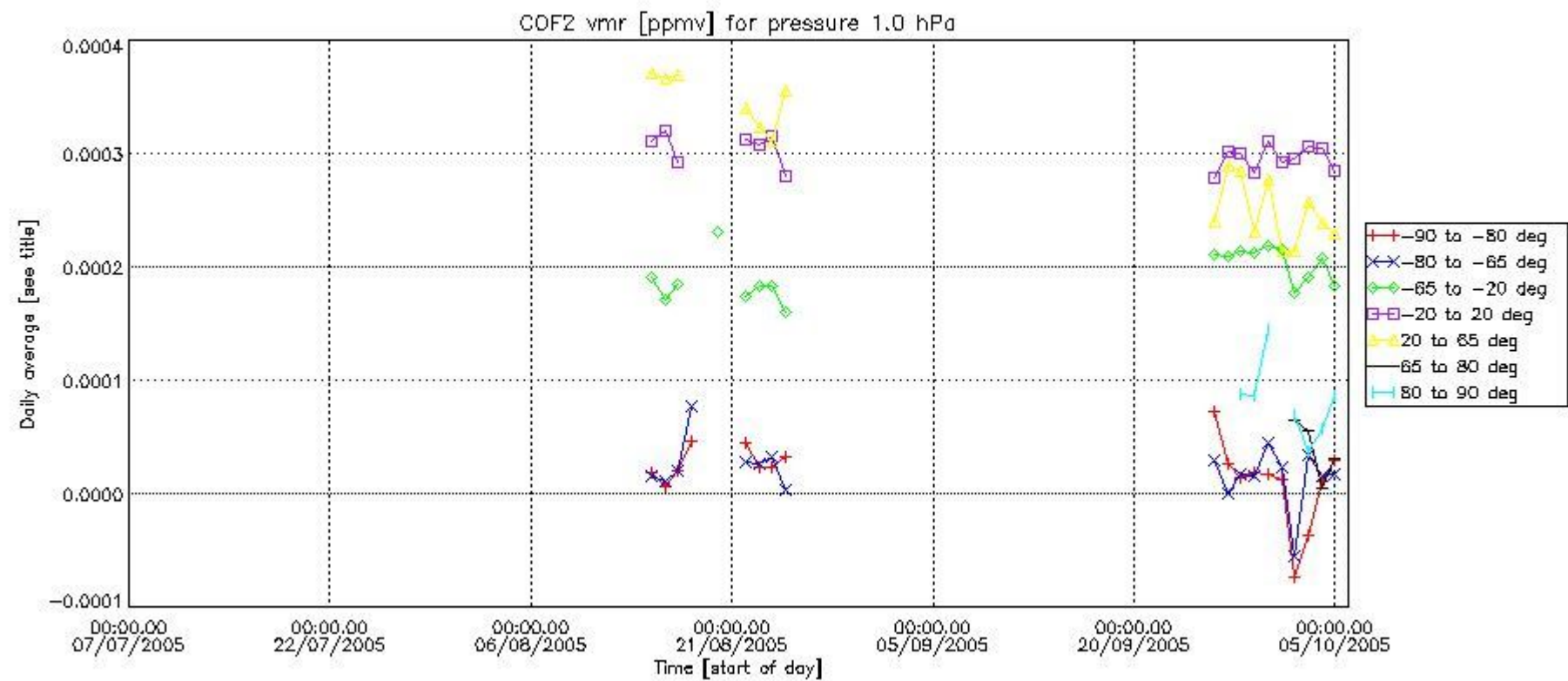


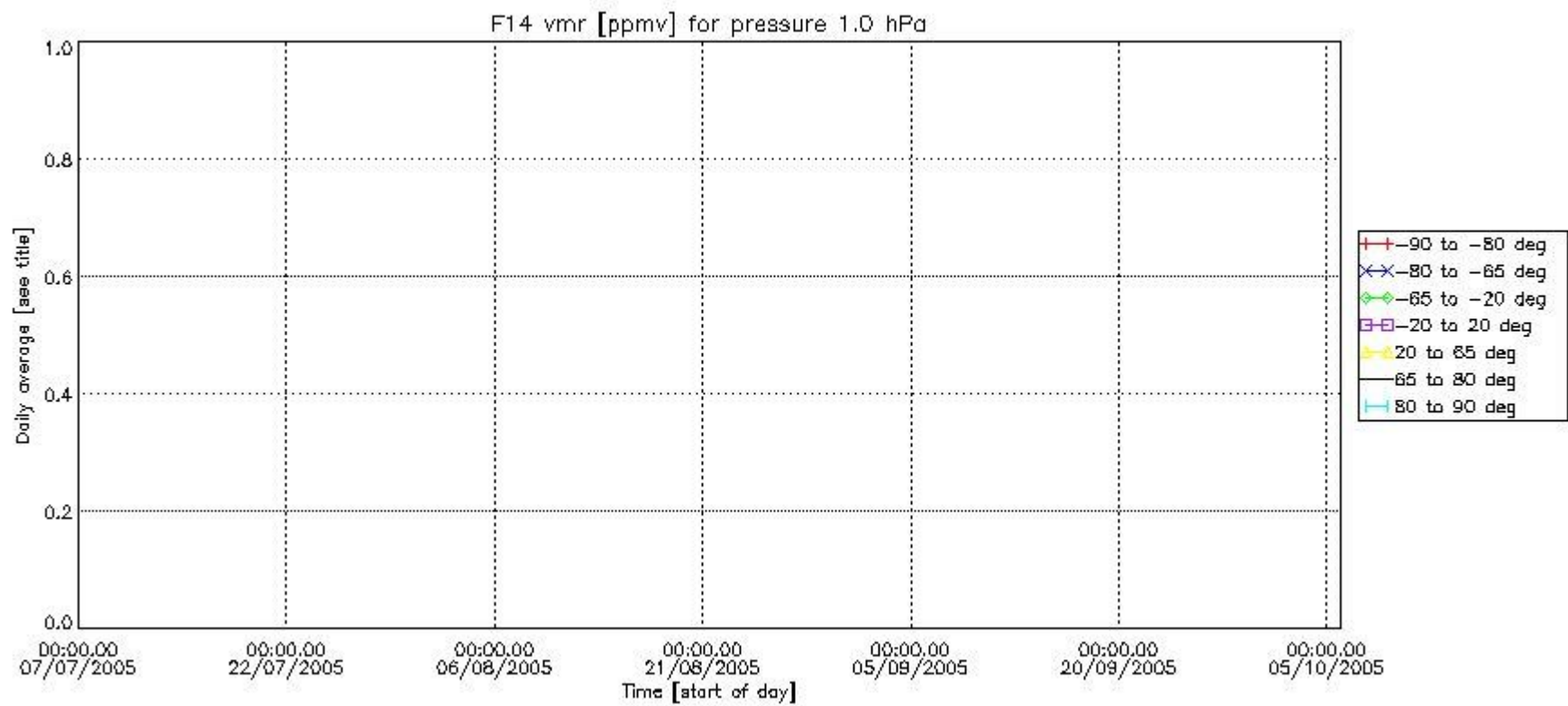
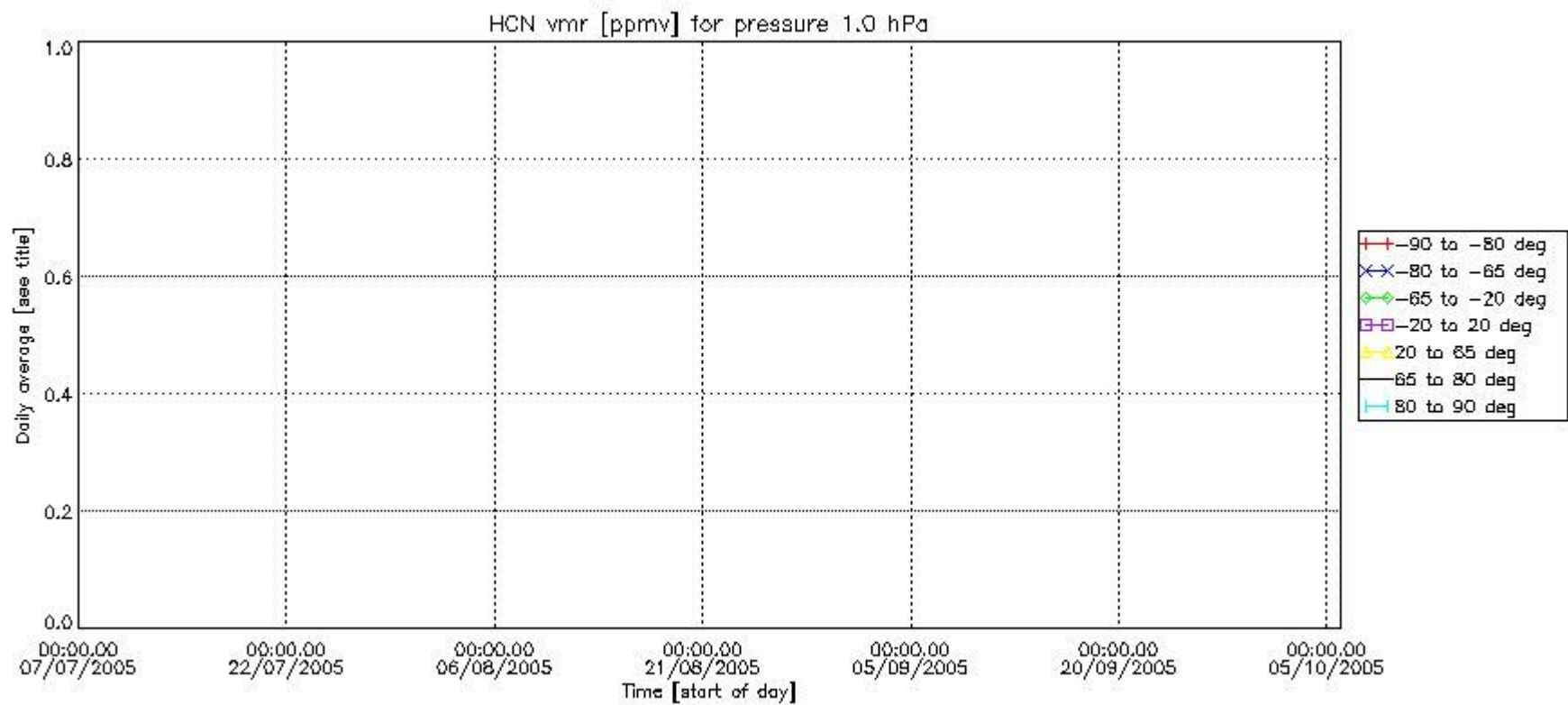


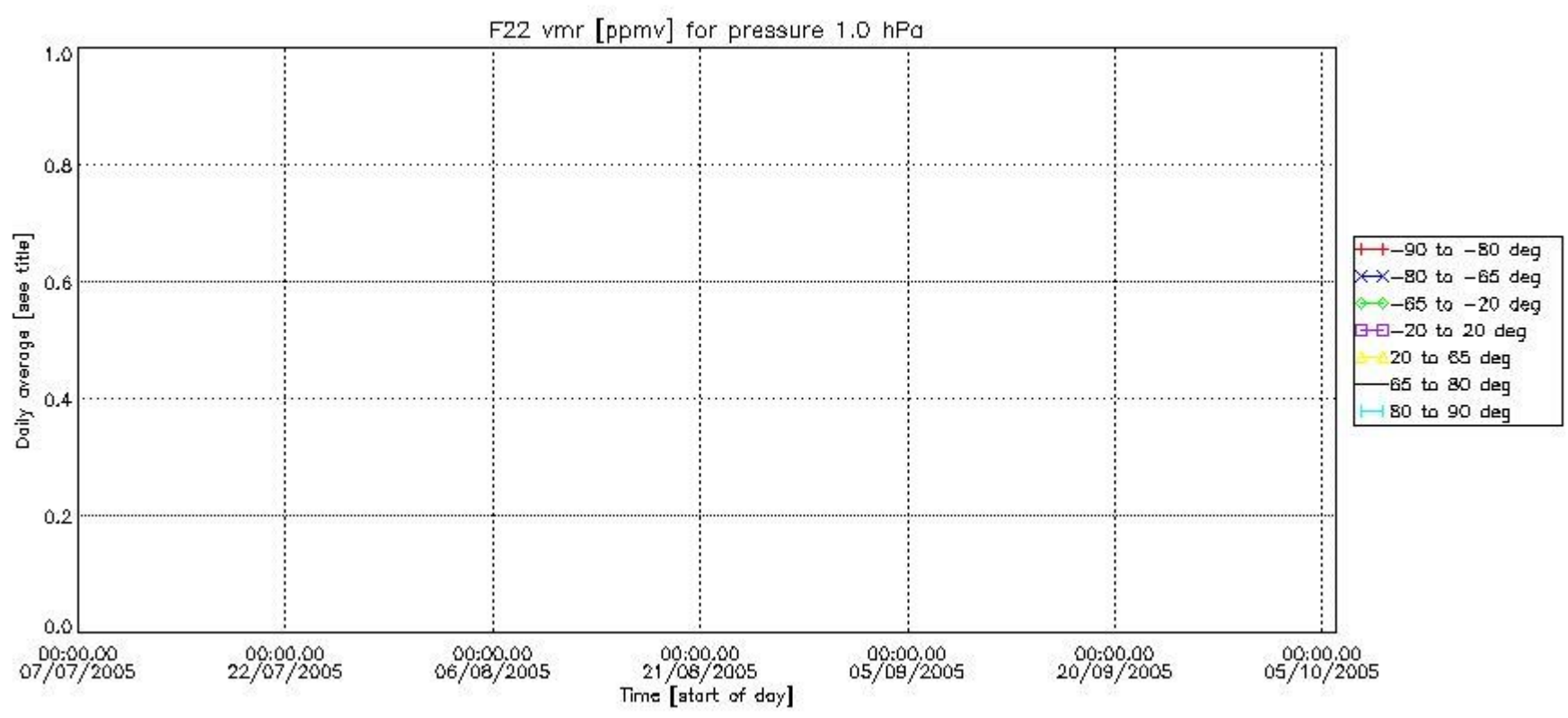












Number of successful retrievals vs. geolocation (*=day side , triangle=night side).

