

2. MIPAS Daily Report for level 2 products summary report

(See [mipas_daily_report_level2_ML2PP_7_03_W_20051010.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 15:32:35
Data source version	ML2PP/7.03-W
Processing scope for products	10OCT2005 00:00:00 to 11OCT2005 00:00:00
Start time of first product within scope	10OCT2005 05:58:07
Stop time of last product within scope	11OCT2005 00:20:19
Total number of level 2 products	8
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_2PWDSI20051010_055807_000057672041_00292_18883_1000.N1	10OCT2005 05:58:07	10OCT2005 07:34:14	0	73/73	
1	MIP_NL_2PWDSI20051010_073504_000060302041_00293_18884_1000.N1	10OCT2005 07:35:04	10OCT2005 09:15:34	0	128/128	VMR_TERM_MACRO_MICRO[HCN/macro:1; HCN/micro:2]
2	MIP_NL_2PWDSI20051010_091540_000060302041_00294_18885_1000.N1	10OCT2005 09:15:40	10OCT2005 10:56:10	0	128/128	VMR_TERM_MACRO_MICRO[HCN/macro:3]
3	MIP_NL_2PWDSI20051010_105616_000060362041_00295_18886_1000.N1	10OCT2005 10:56:16	10OCT2005 12:36:51	0	133/133	VMR_TERM_MACRO_MICRO[HCN/micro:1]
4	MIP_NL_2PWDSI20051010_123658_000005062041_00296_18887_1000.N1	10OCT2005 12:36:58	10OCT2005 12:45:23	0	11/11	
5	MIP_NL_2PWDSI20051010_192255_000057662041_00300_18891_1000.N1	10OCT2005 19:22:55	10OCT2005 20:59:01	0	103/103	VMR_TERM_MACRO_MICRO[CH4/macro:1; F14/macro:1]
6	MIP_NL_2PWDSI20051010_205952_000053422041_00301_18892_1000.N1	10OCT2005 20:59:52	10OCT2005 22:28:54	0	113/113	VMR_TERM_MACRO_MICRO[F14/micro:1]
7	MIP_NL_2PWDSI20051010_224111_000059482041_00302_18893_1000.N1	10OCT2005 22:41:11	11OCT2005 00:20:19	0	131/131	VMR_TERM_MACRO_MICRO[HCN/macro:1; F14/macro:1; HCN/micro:2]

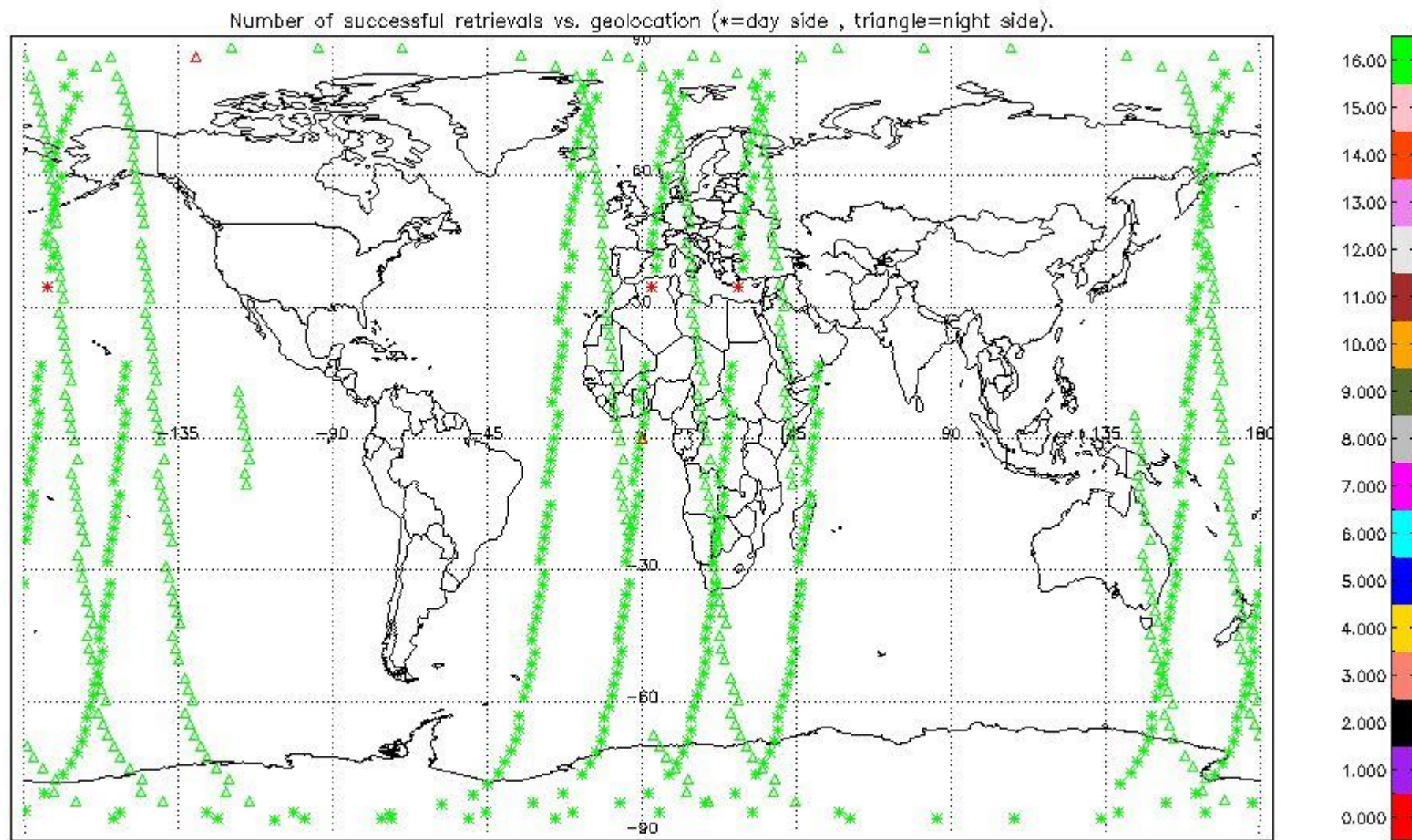
2.2 Processing performance indicators

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.

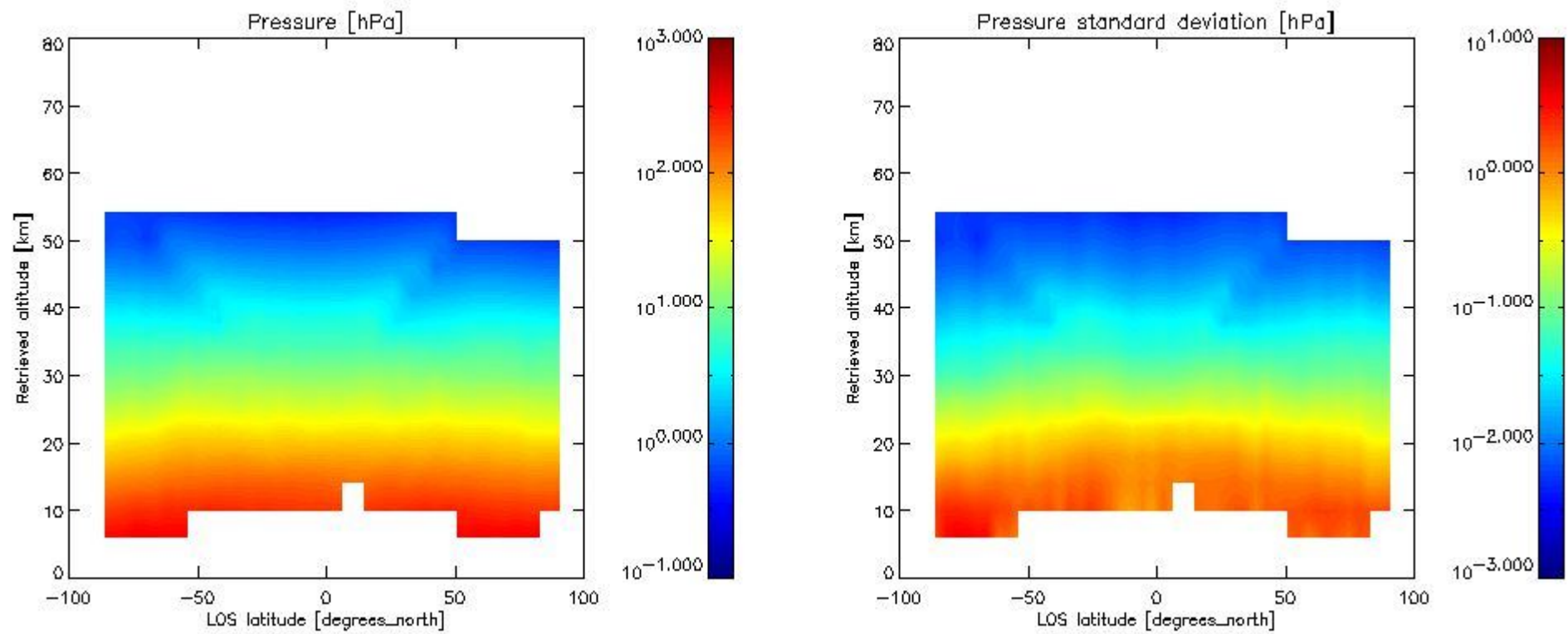
RETRIEVAL MDS	# scans processed	# Successful retrievals	%
PT	820	784	95.610
H2O	820	784	95.610

O3	820	784	95.610
HNO3	820	784	95.610
CH4	820	784	95.610
N2O	820	784	95.610
NO2	820	784	95.610
F11	820	784	95.610
CLNO	820	784	95.610
N2O5	820	784	95.610
F12	820	784	95.610
COF2	820	784	95.610
CCL4	820	784	95.610
HCN	820	784	95.610
F14	820	784	95.610
F22	820	784	95.610



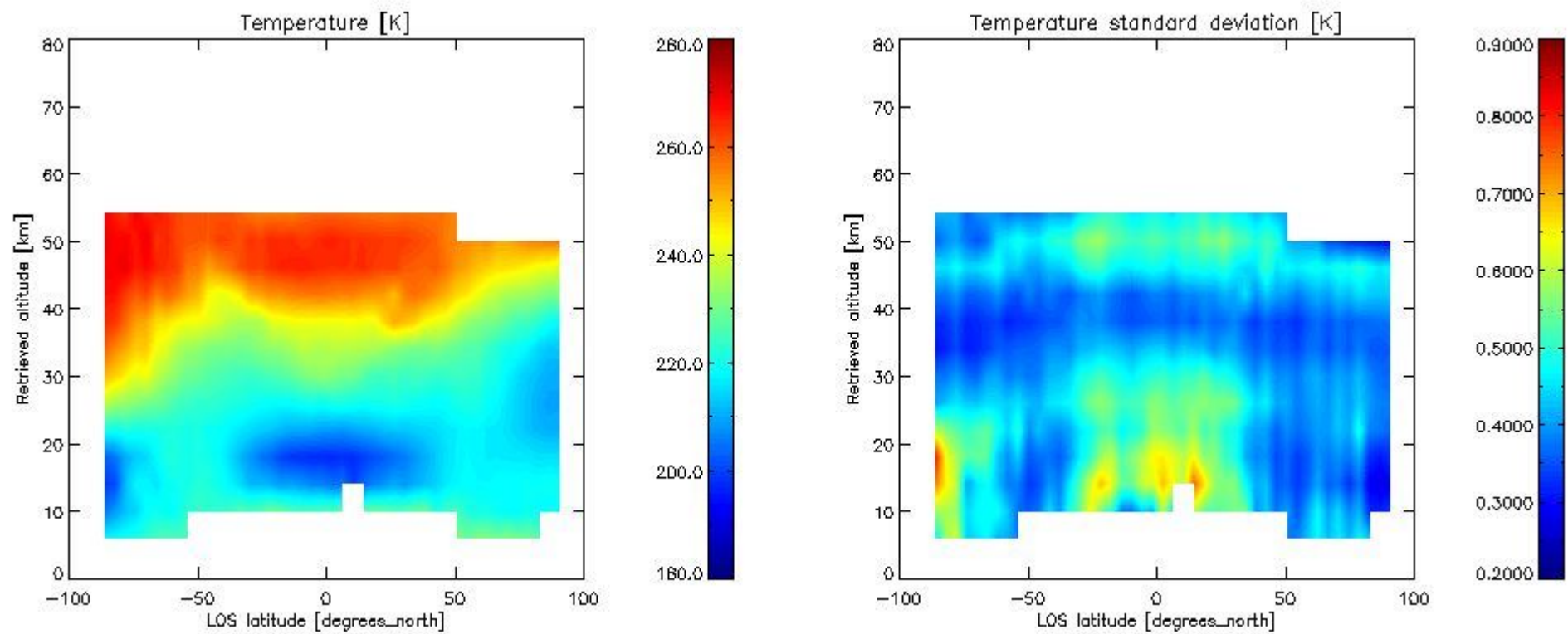
2.2.2 Pressure overview

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



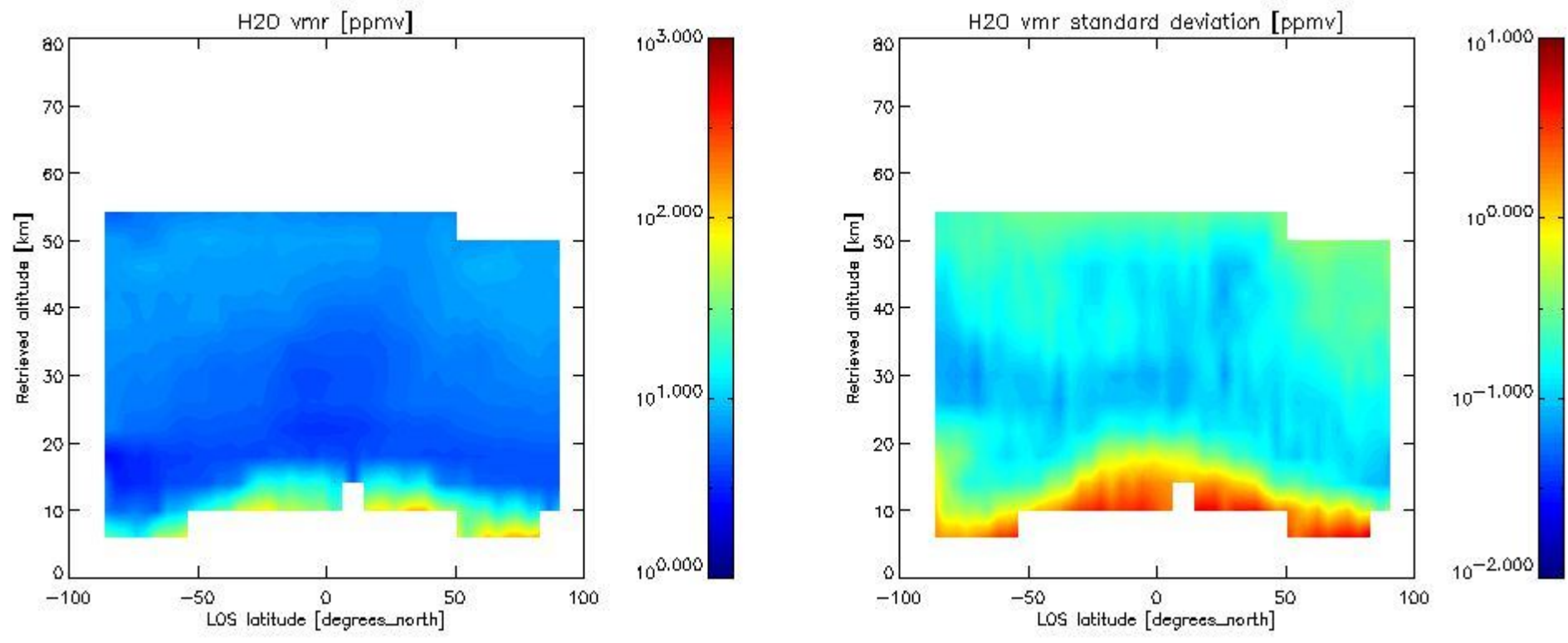
2.2.3 Temperature overview

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

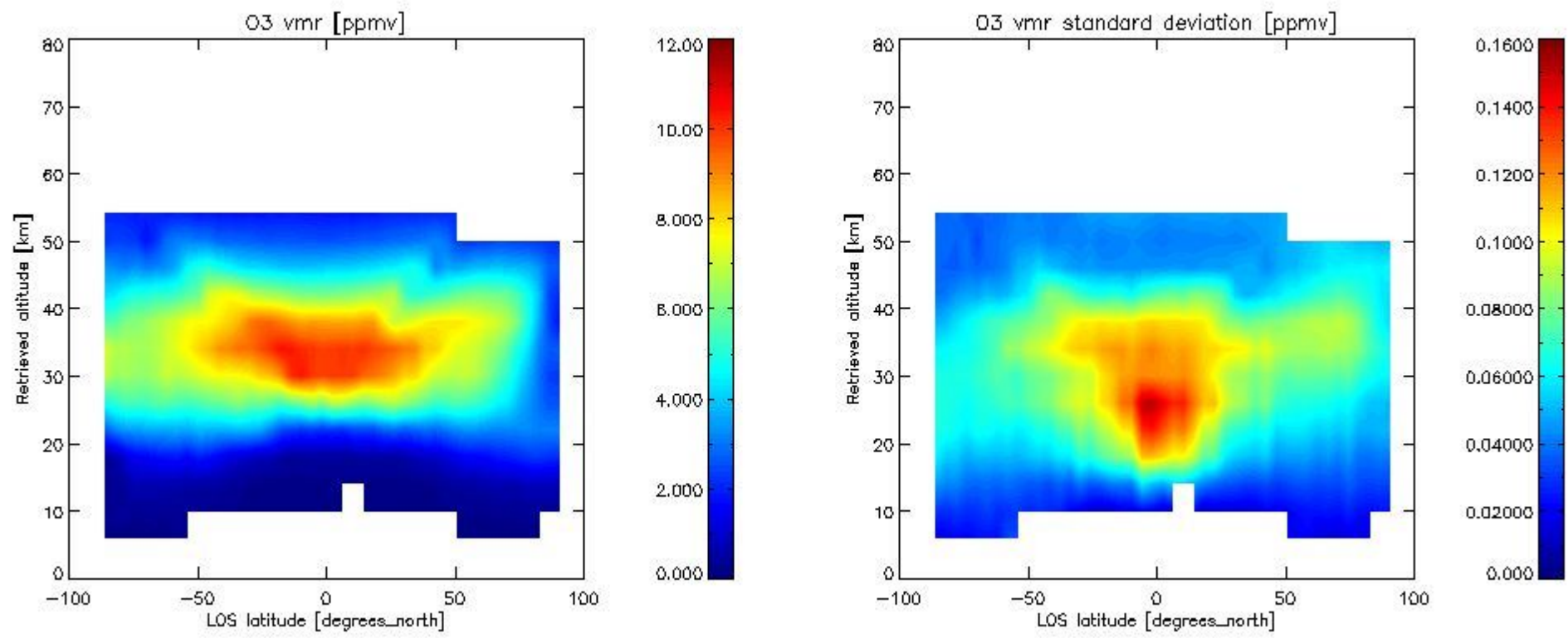


2.2.4 Species overview

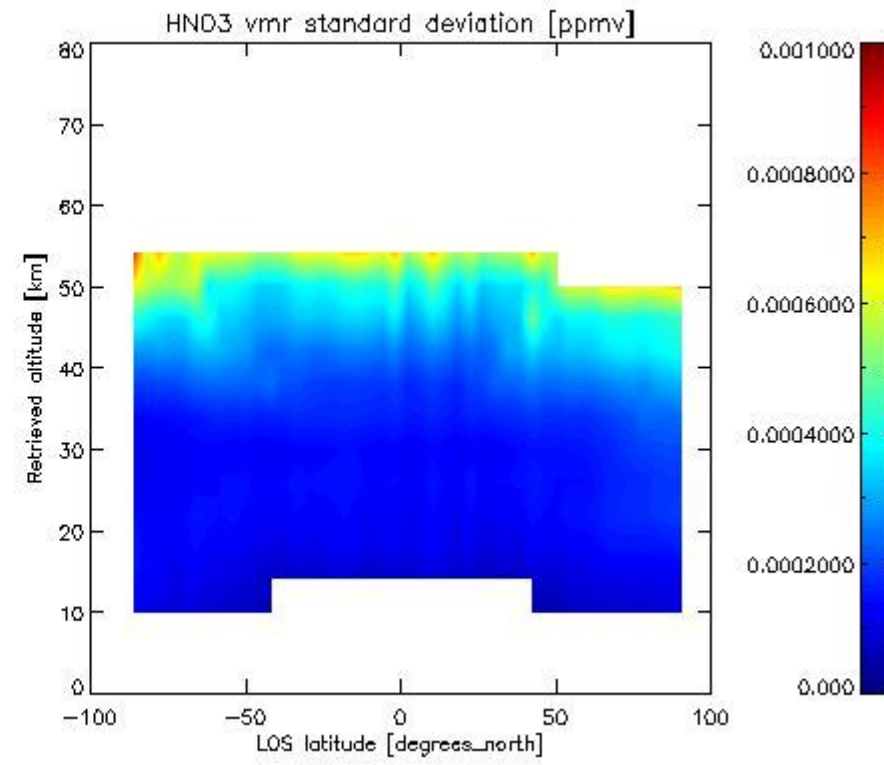
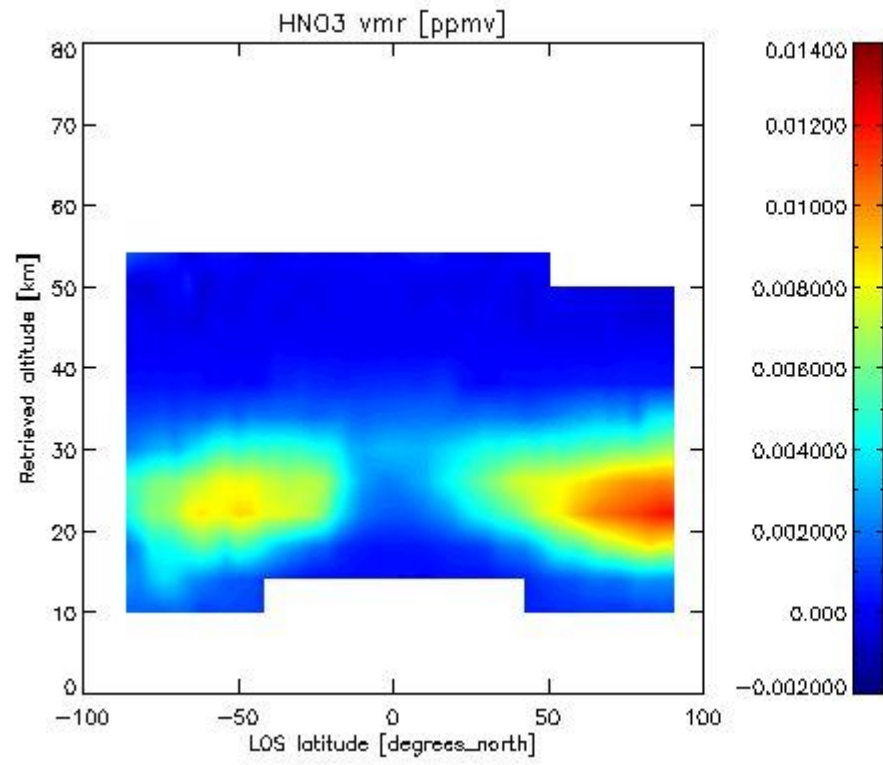
2.2.4.1 H₂O overview This section shows values (left) and error (right) for H₂O after binning individual sweep values over retrieved altitude and tangent latitude.



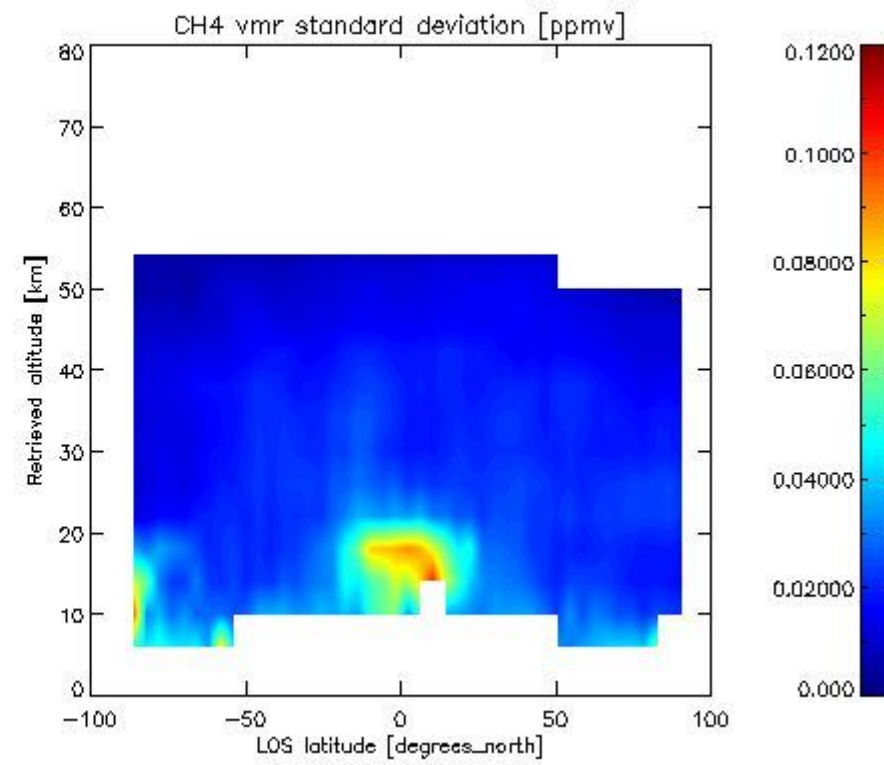
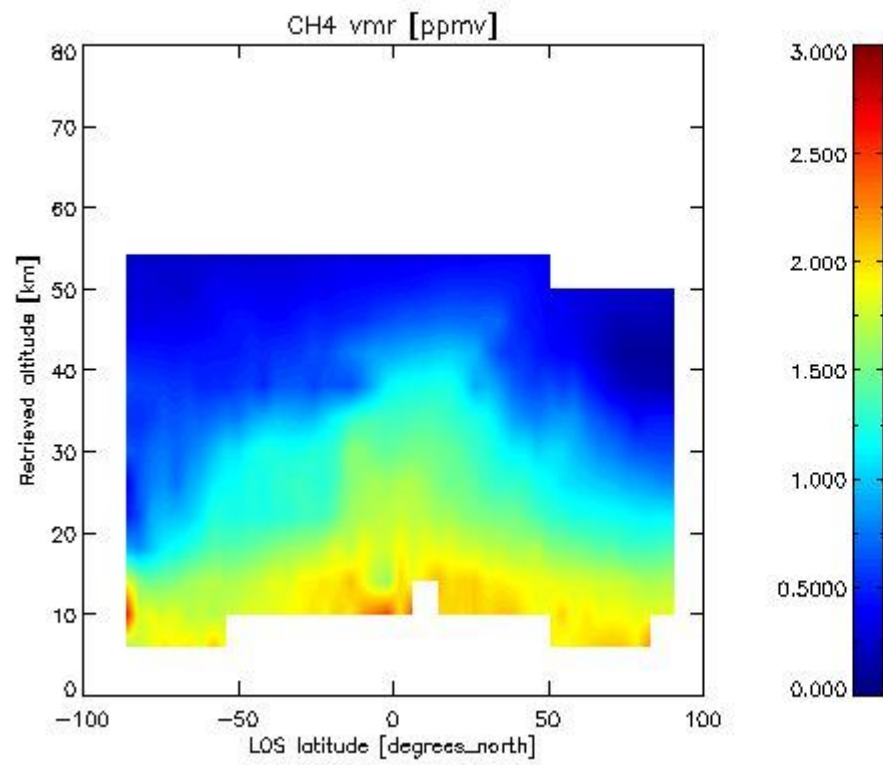
2.2.4.2 O3 overview This section shows values (left) and error (right) for O3 after binning individual sweep values over retrieved altitude and tangent latitude.



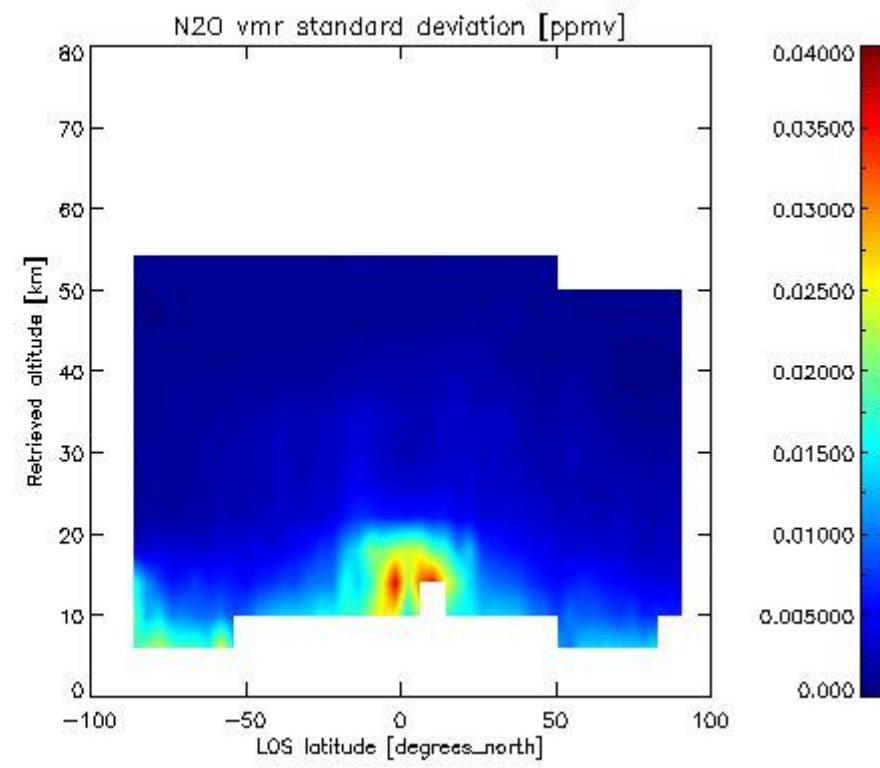
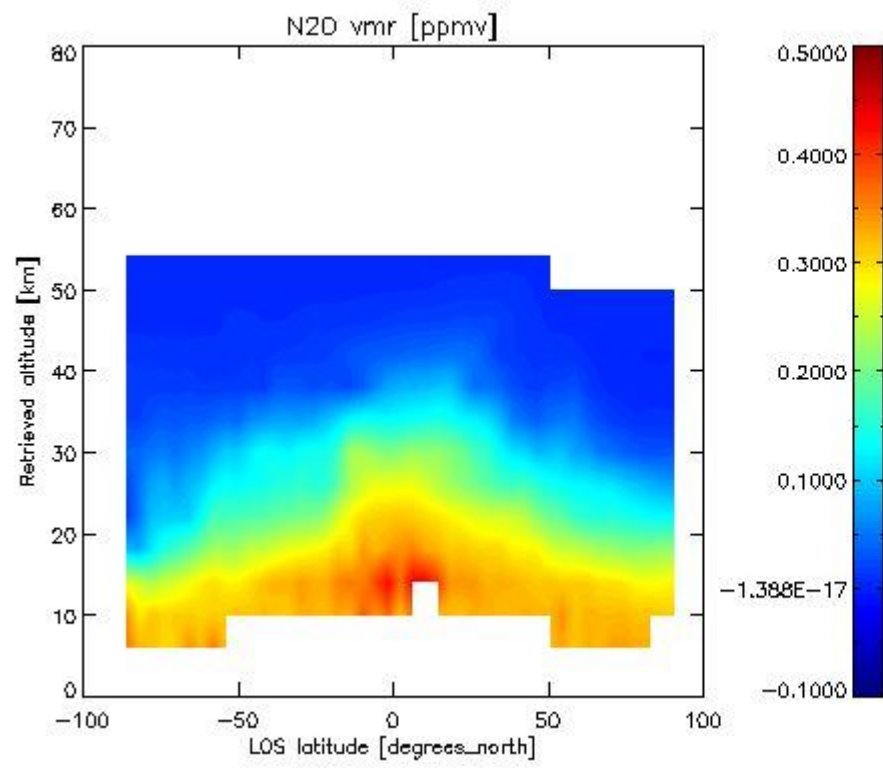
2.2.4.3 HNO3 overview This section shows values (left) and error (right) for HNO3 after binning individual sweep values over retrieved altitude and tangent latitude.



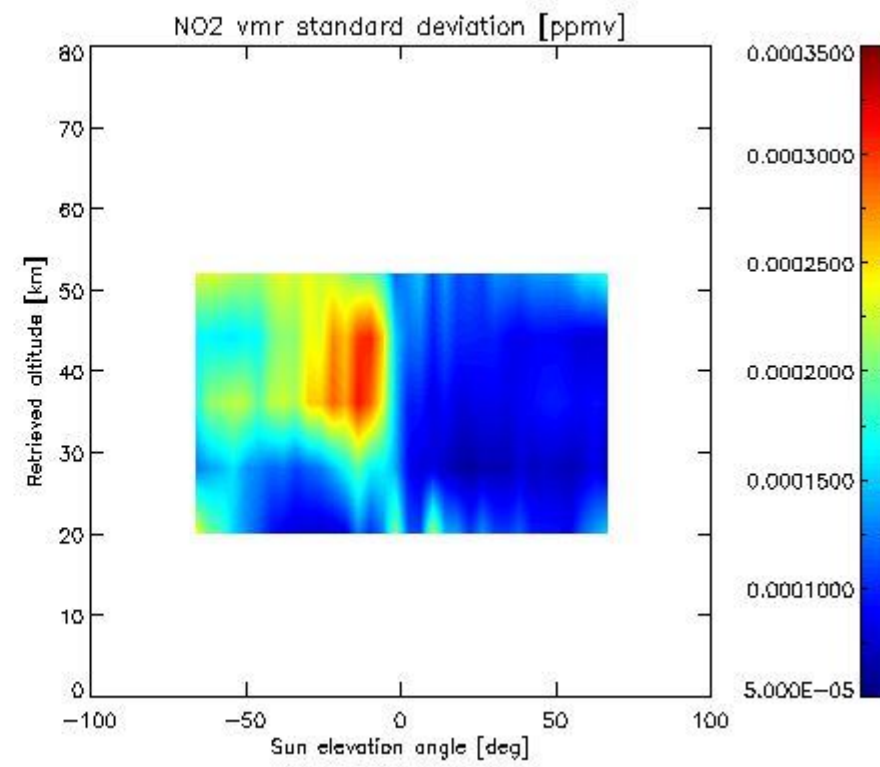
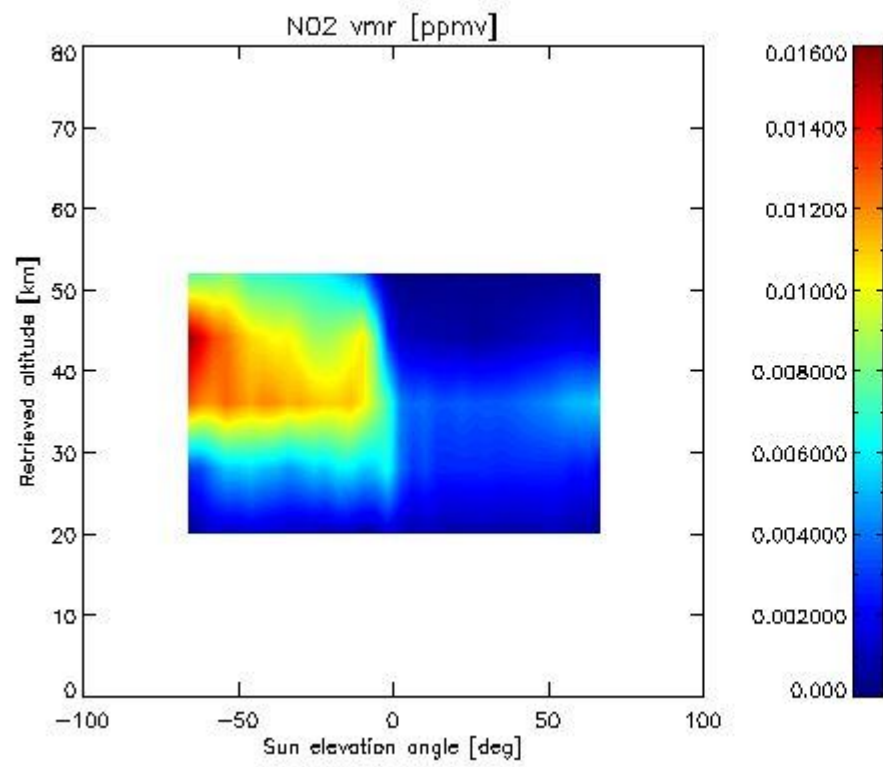
2.2.4.4 CH₄ overview This section shows values (left) and error (right) for CH₄ after binning individual sweep values over retrieved altitude and tangent latitude.



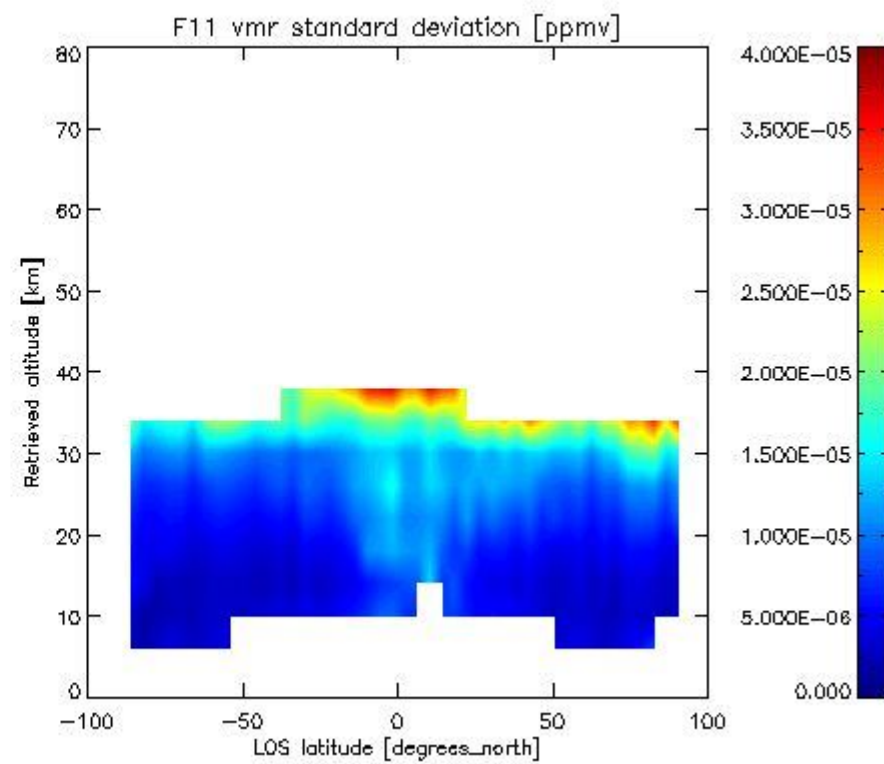
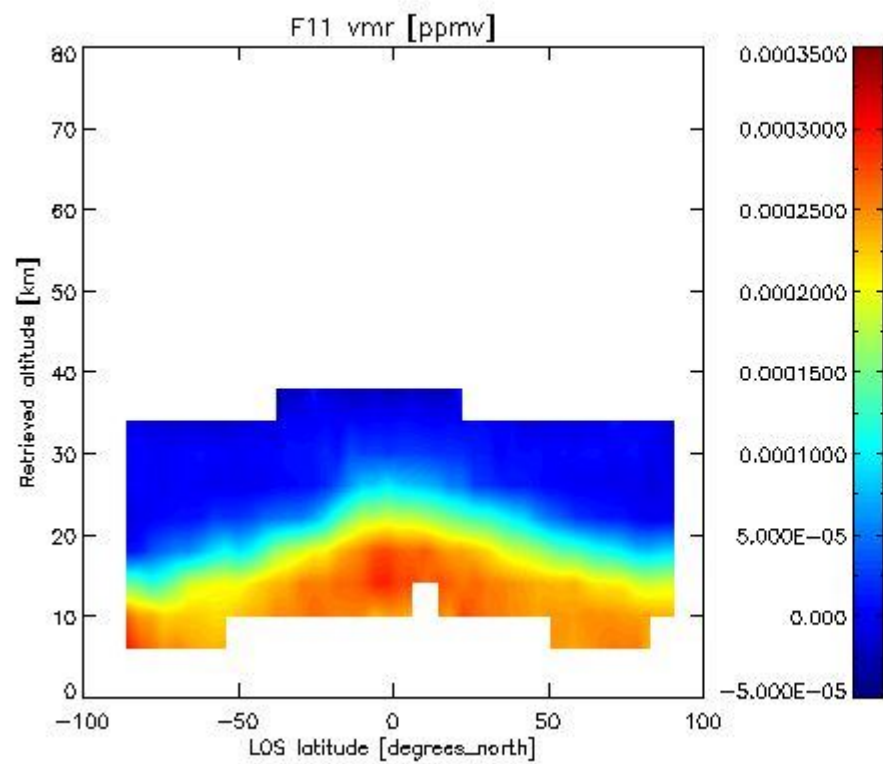
2.2.4.5 N₂O overview This section shows values (left) and error (right) for N₂O after binning individual sweep values over retrieved altitude and tangent latitude.



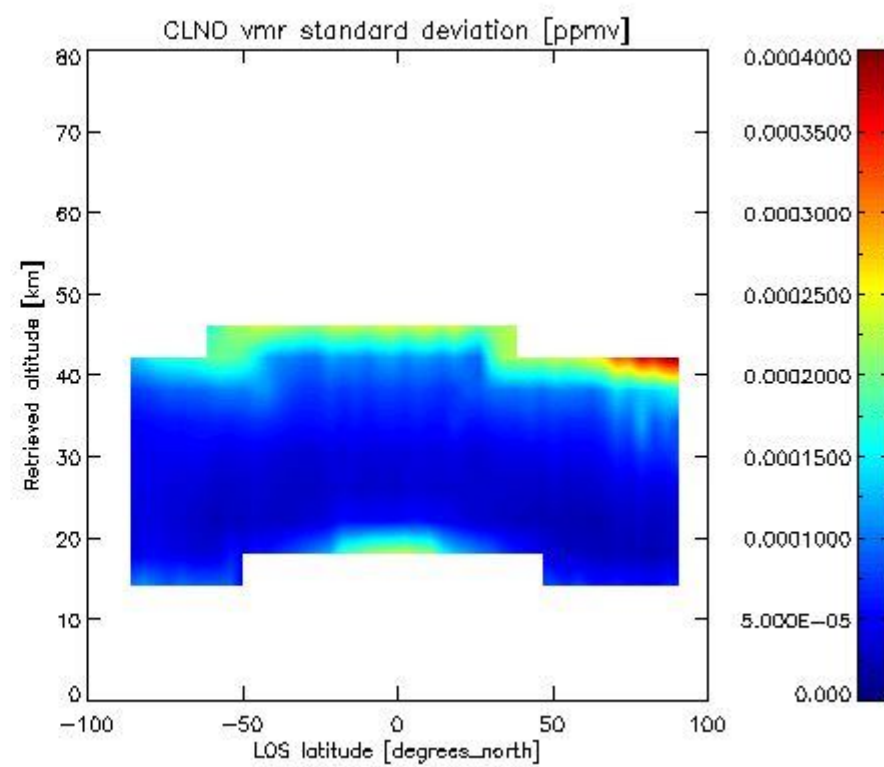
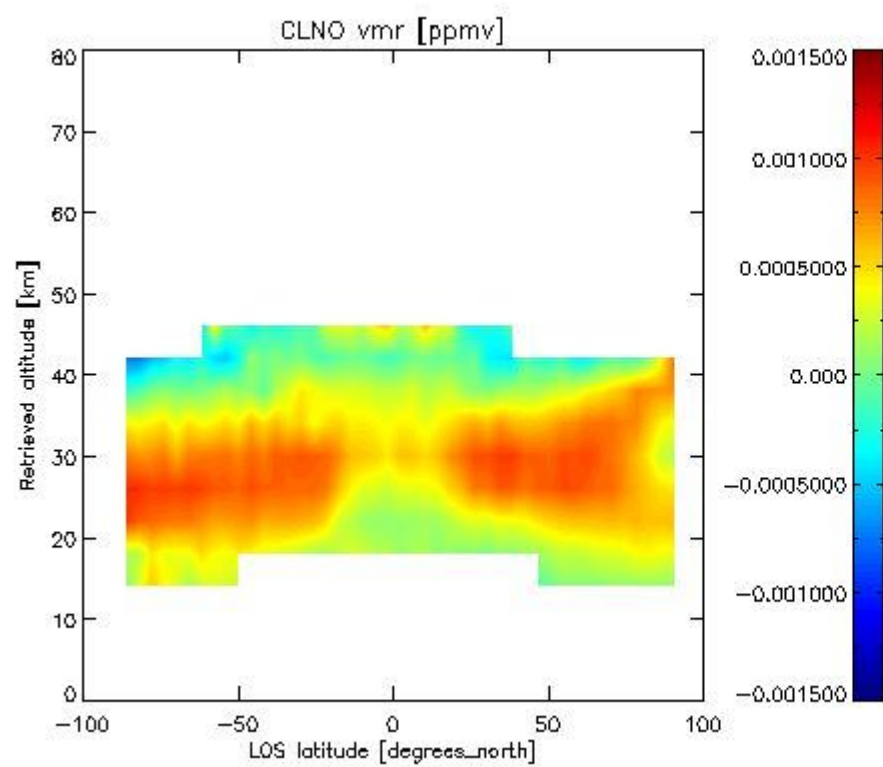
2.2.4.6 NO₂ overview This section shows values (left) and error (right) for NO₂ after binning individual sweep values over retrieved altitude and Sun Elevation Angle. Note that for NO₂ the bin heights are 6 km.

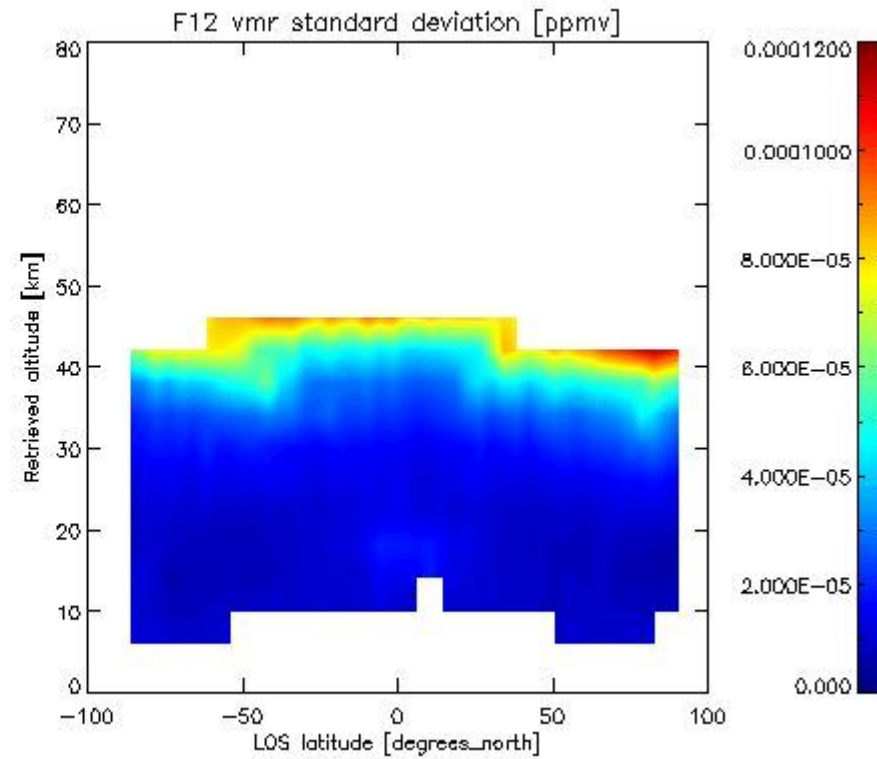
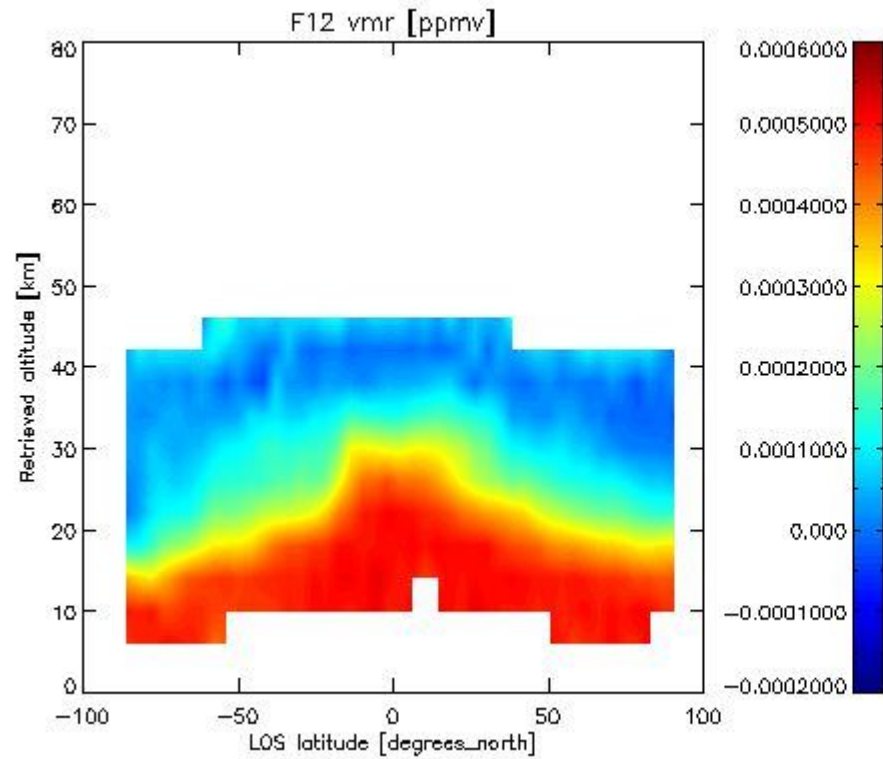
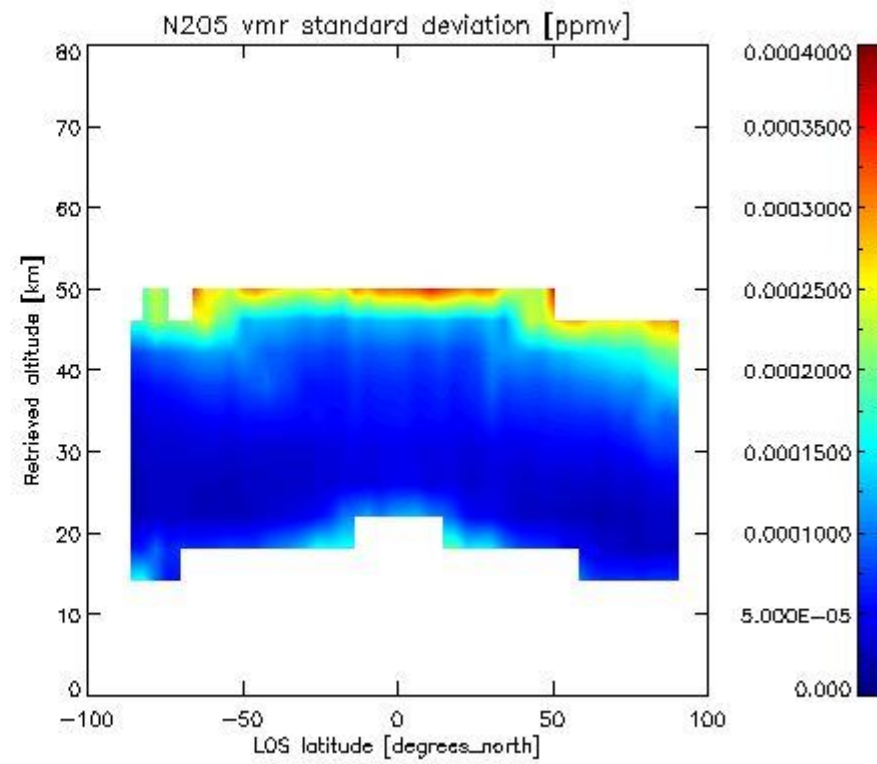
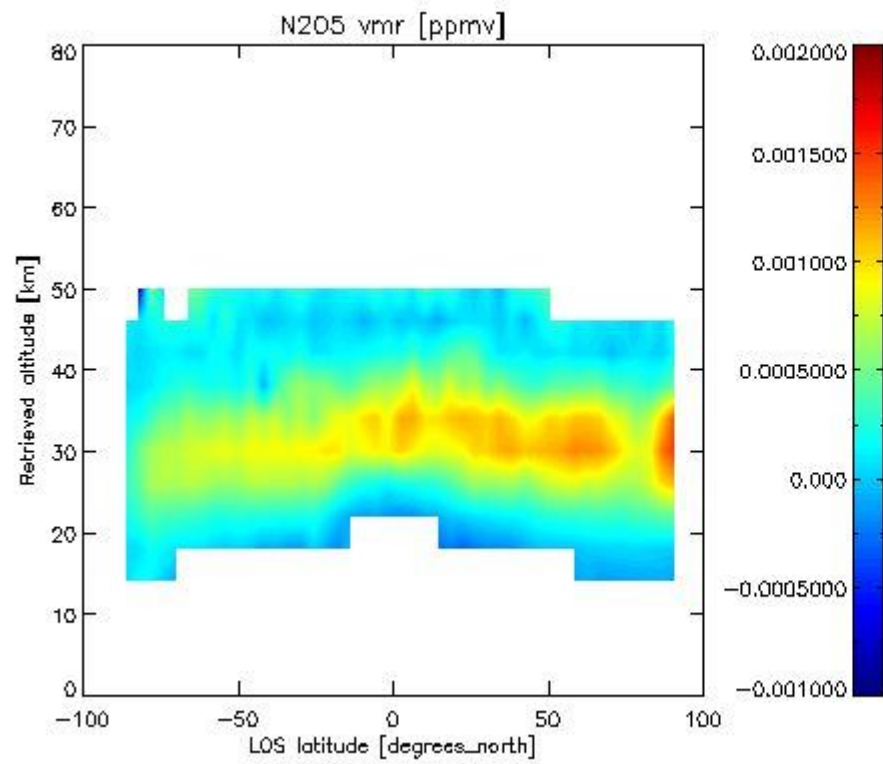


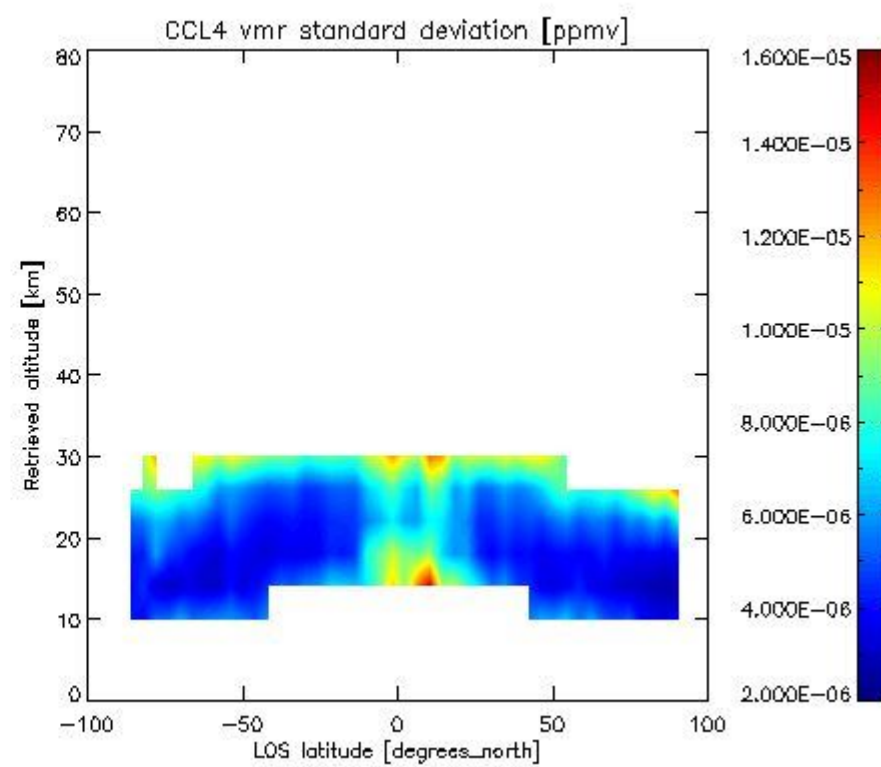
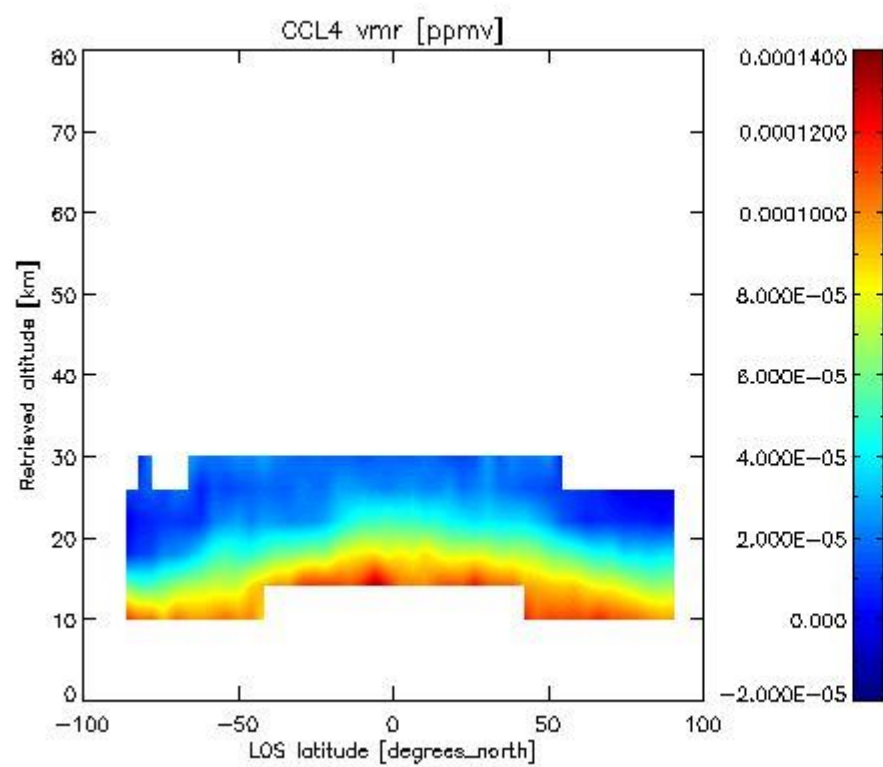
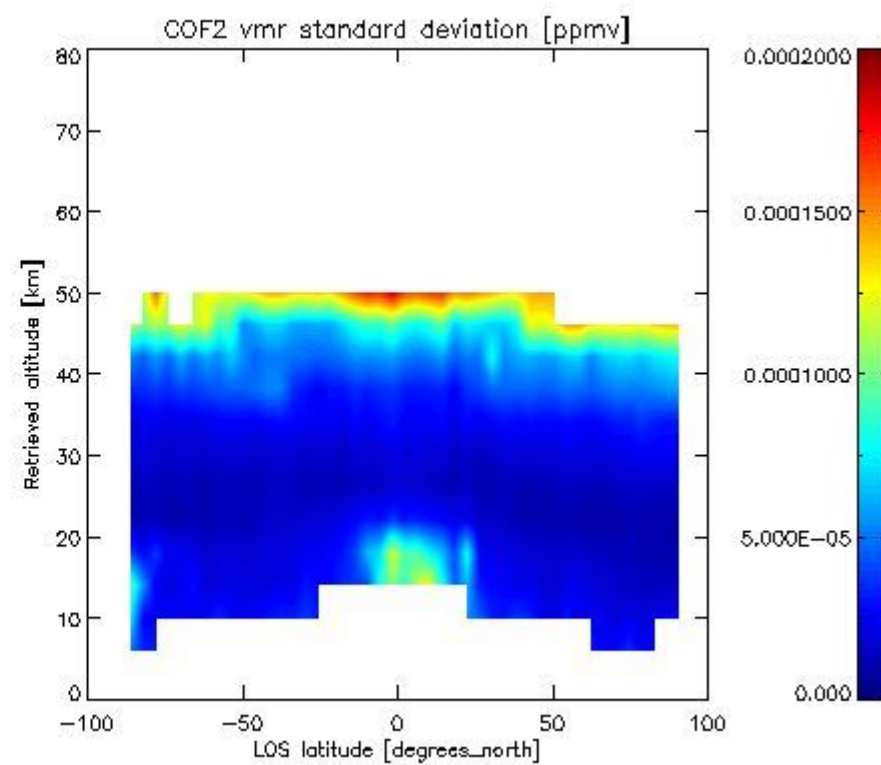
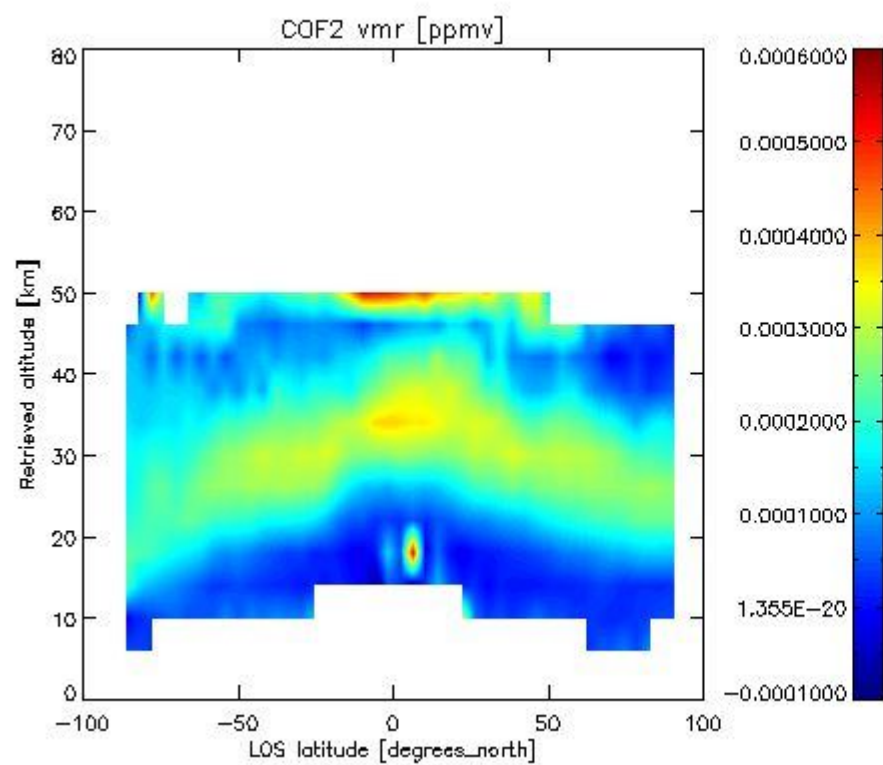
2.2.4.7 F11 overview This section shows values (left) and error (right) for F11 after binning individual sweep values over retrieved altitude and tangent latitude.

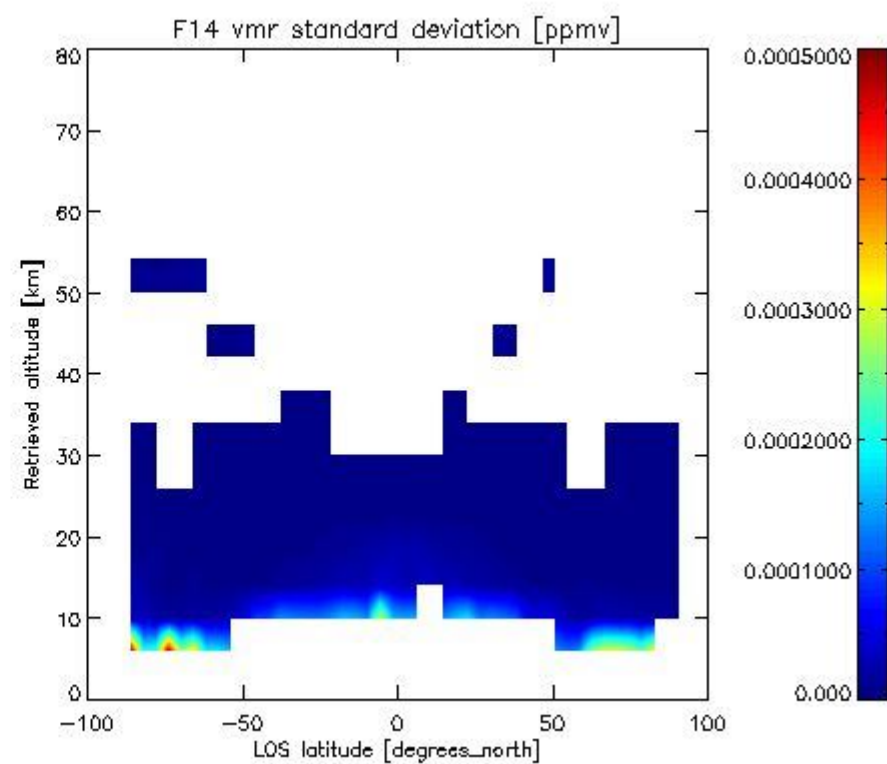
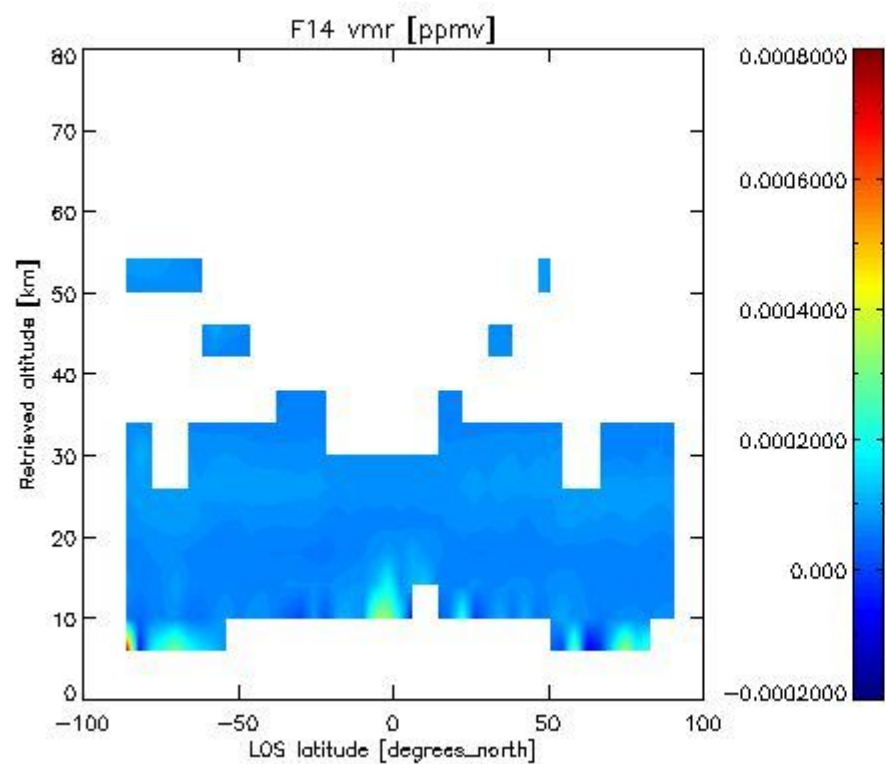
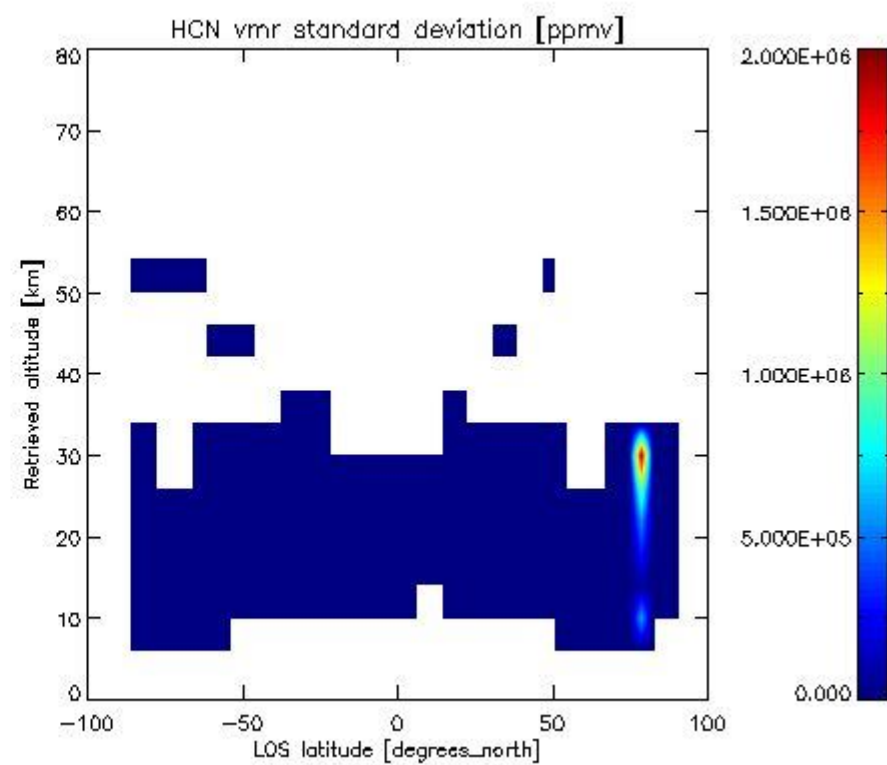
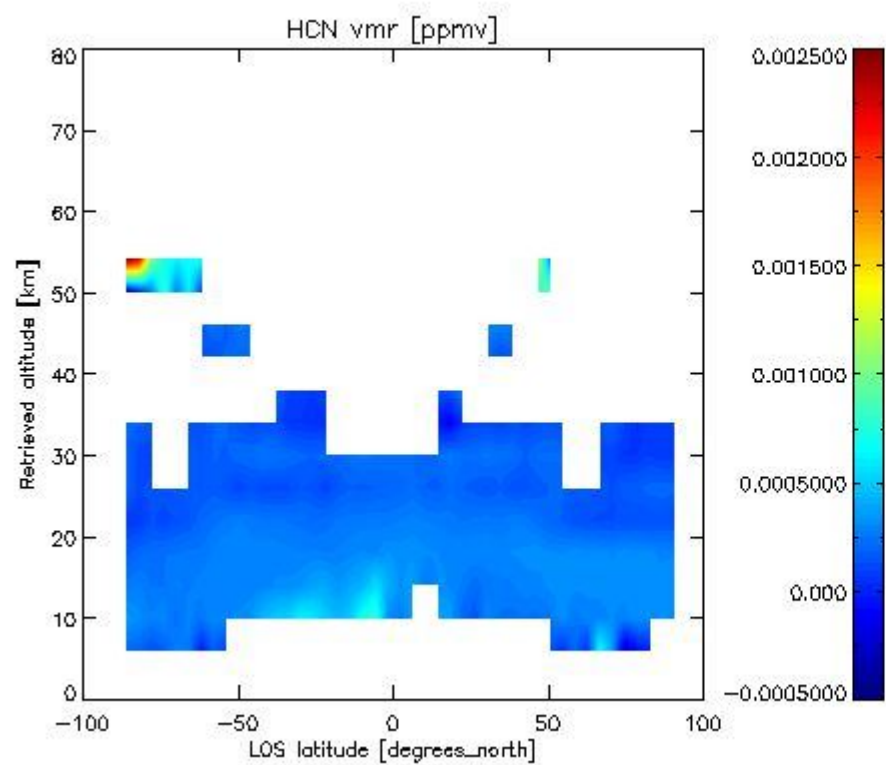


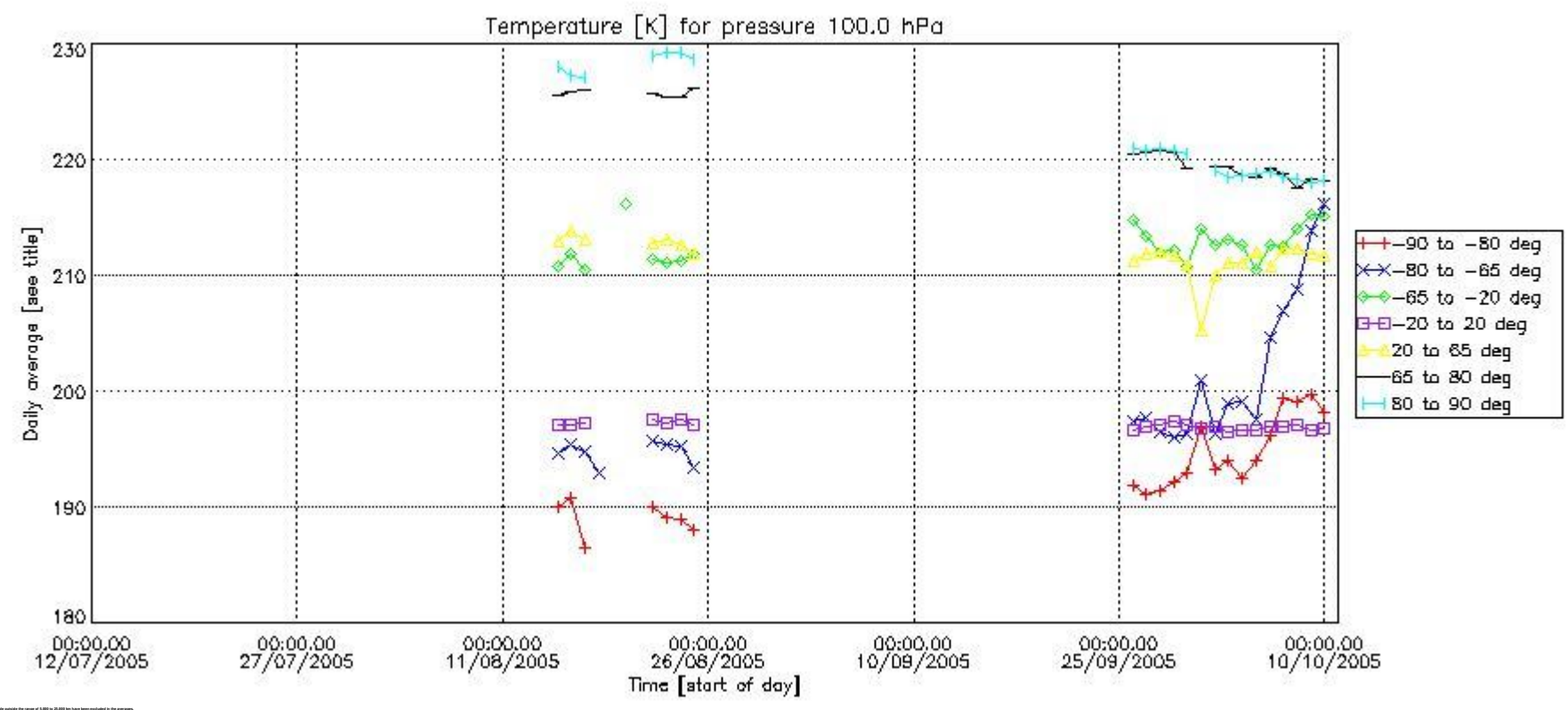
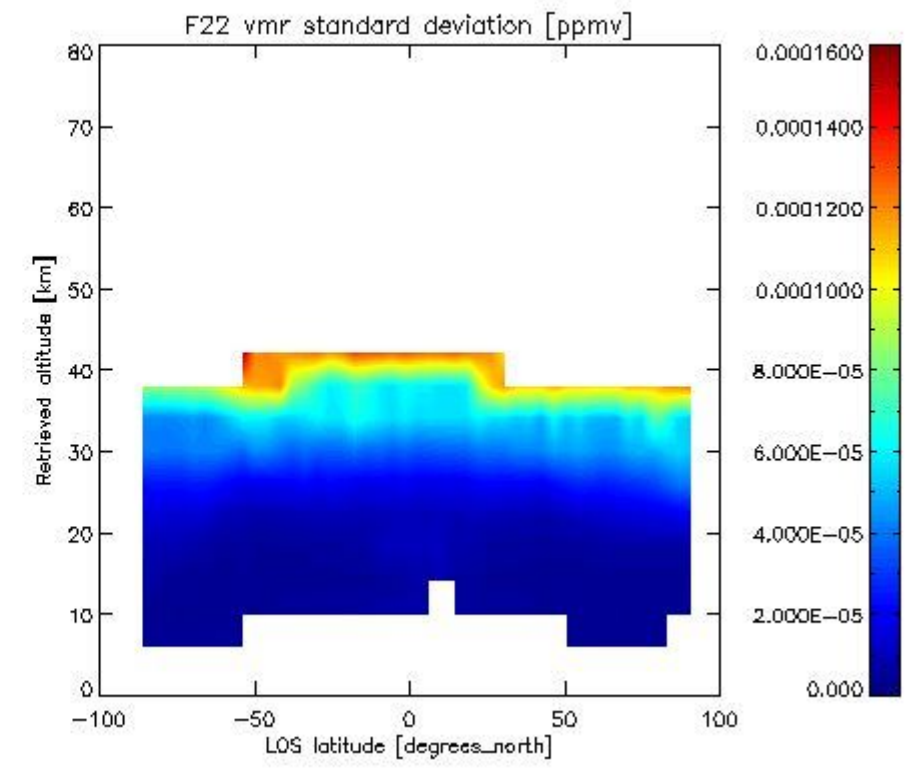
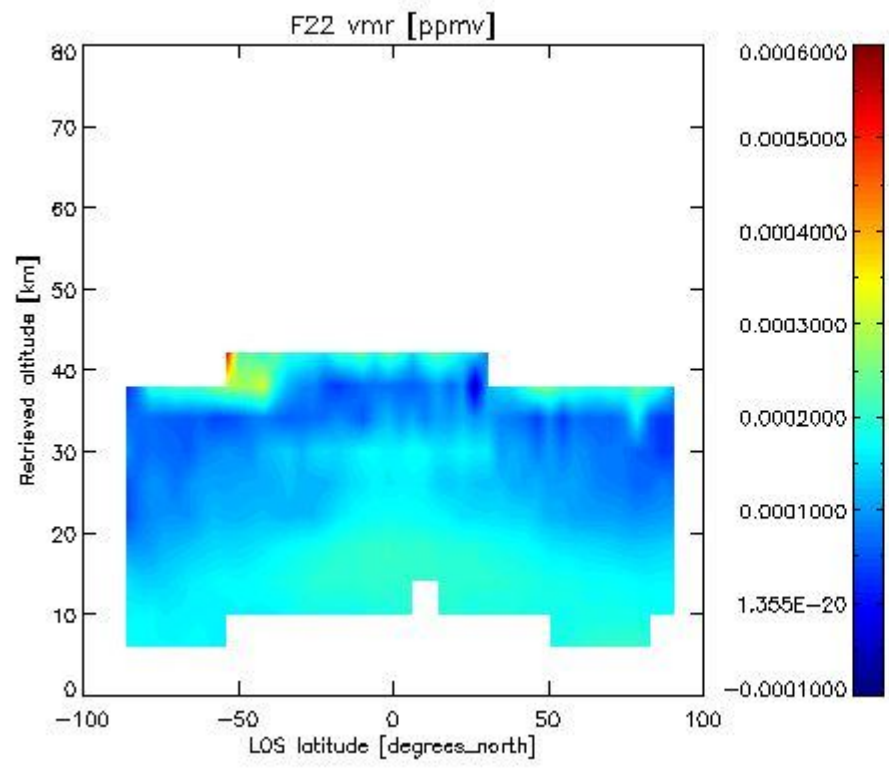
2.3.4 CLNO overview This section shows values (left) and error (right) for CLNO after binning individual sweep values over retrieved altitude and target latitude.

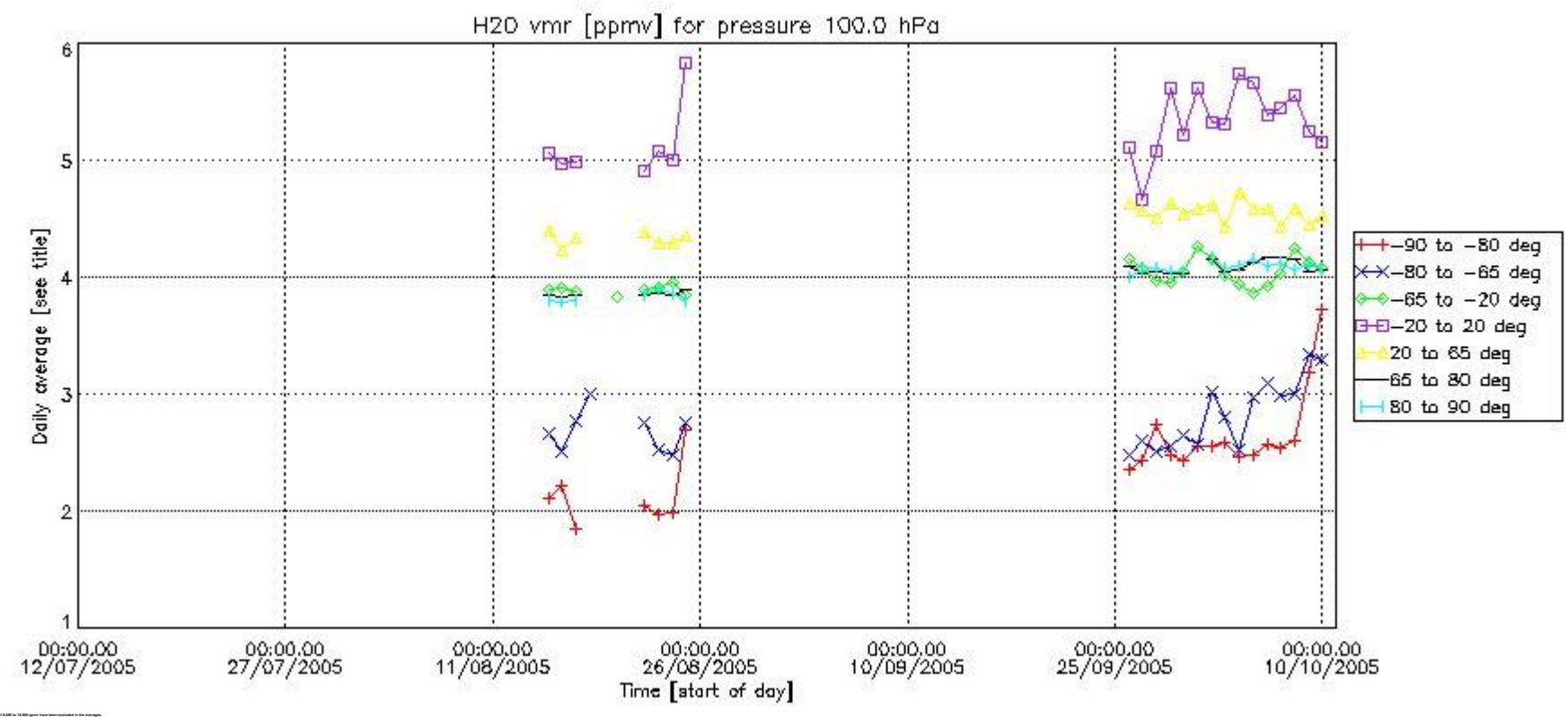
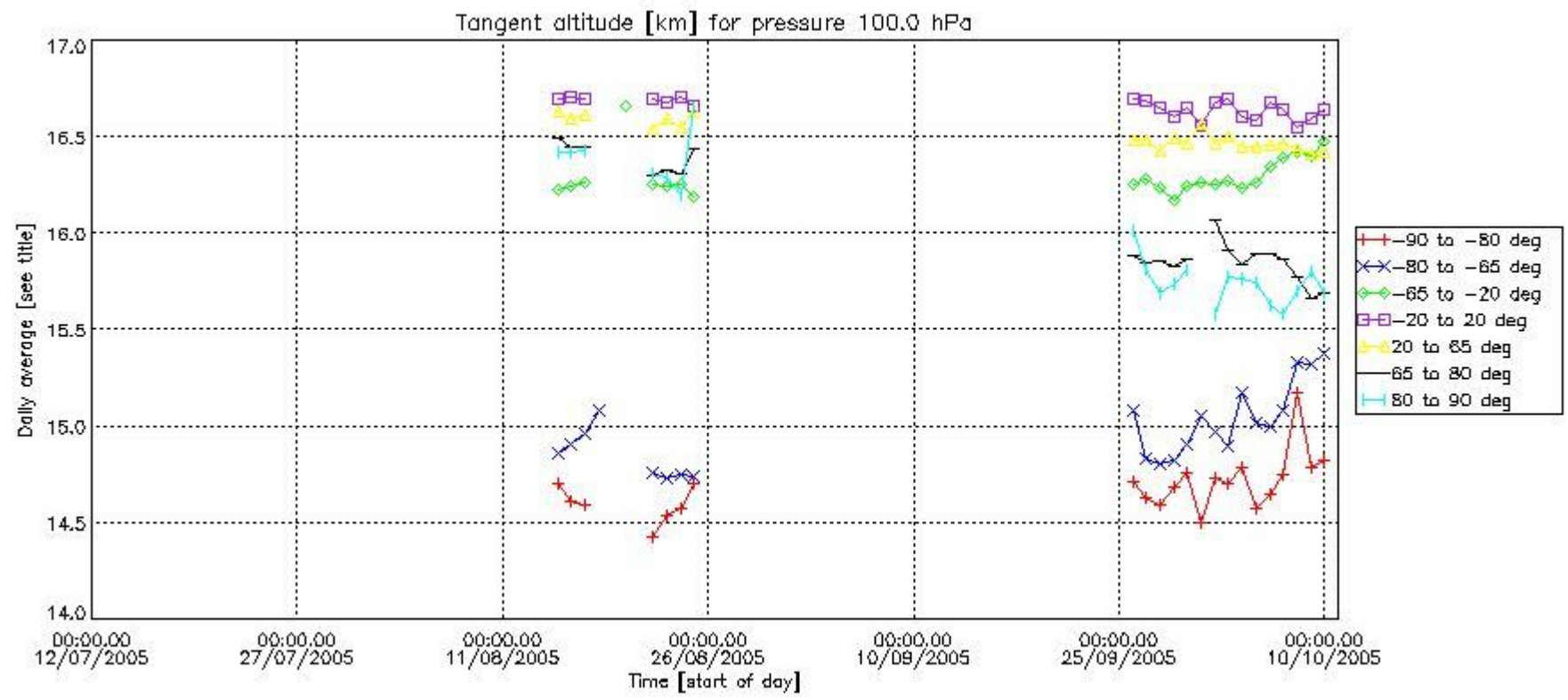


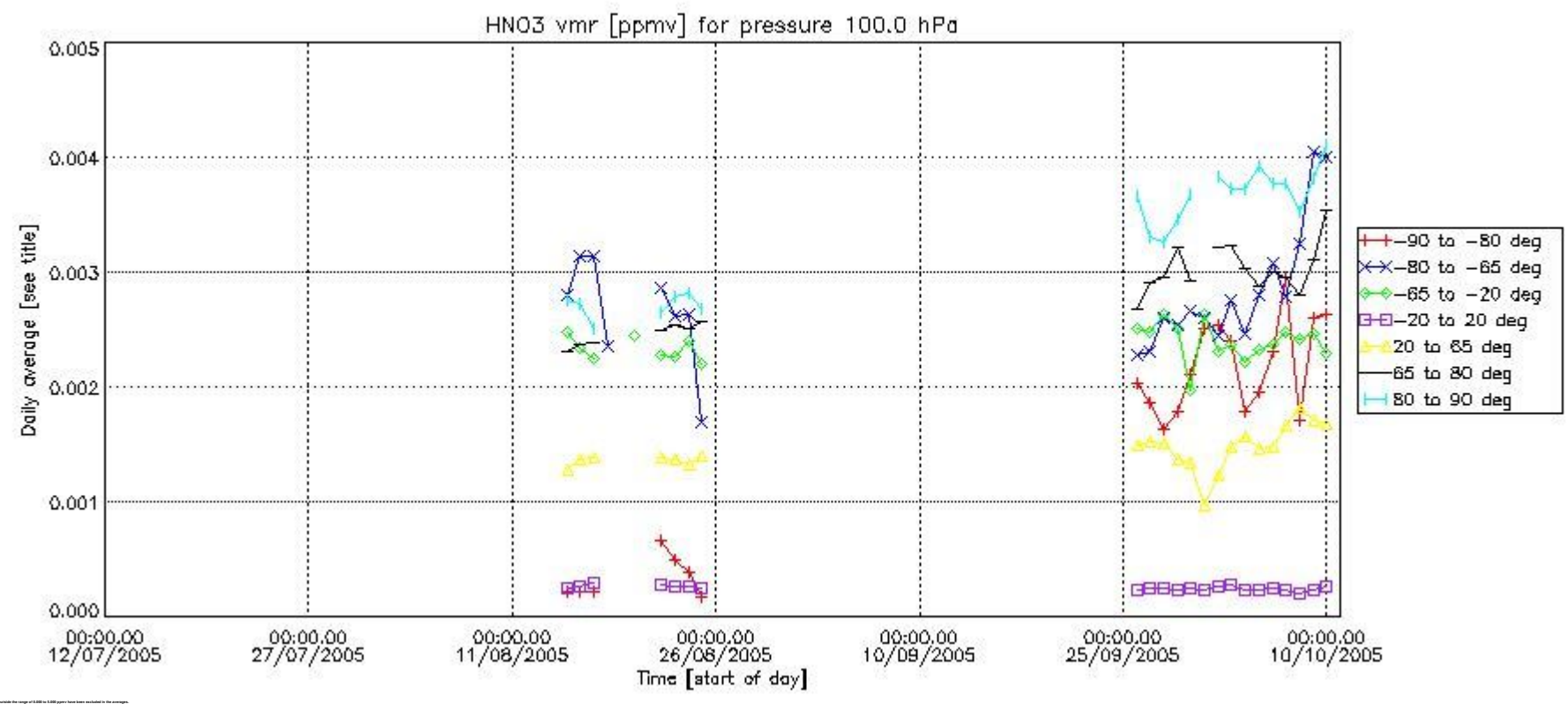
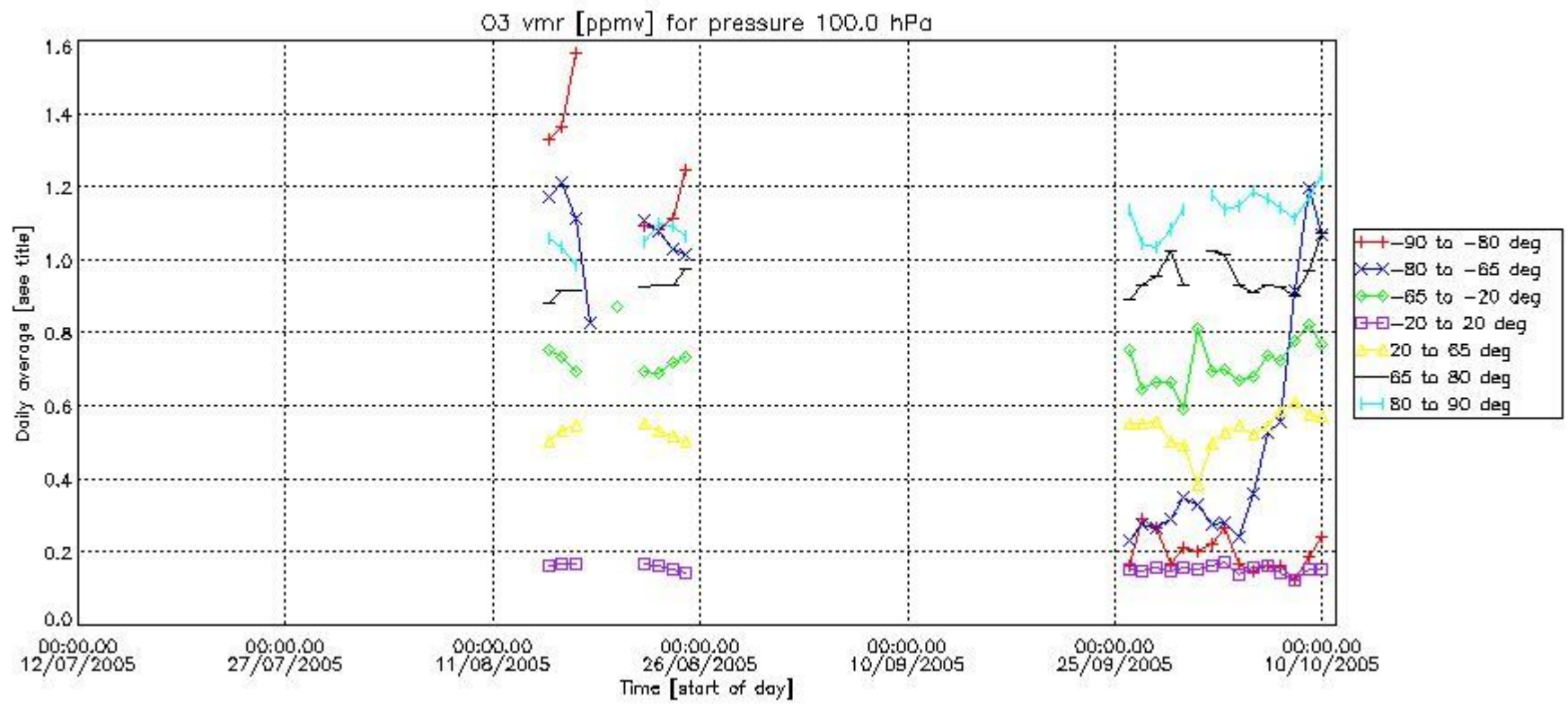


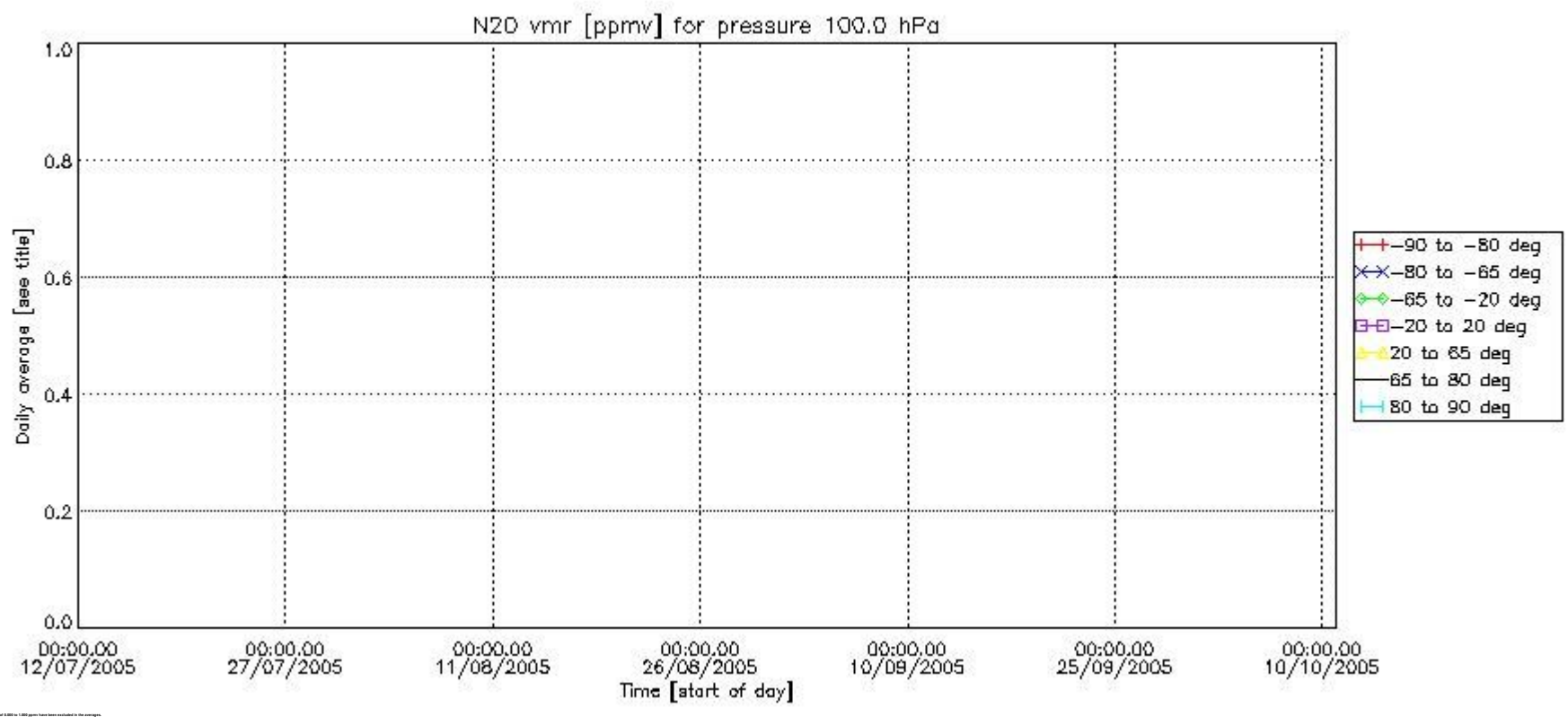
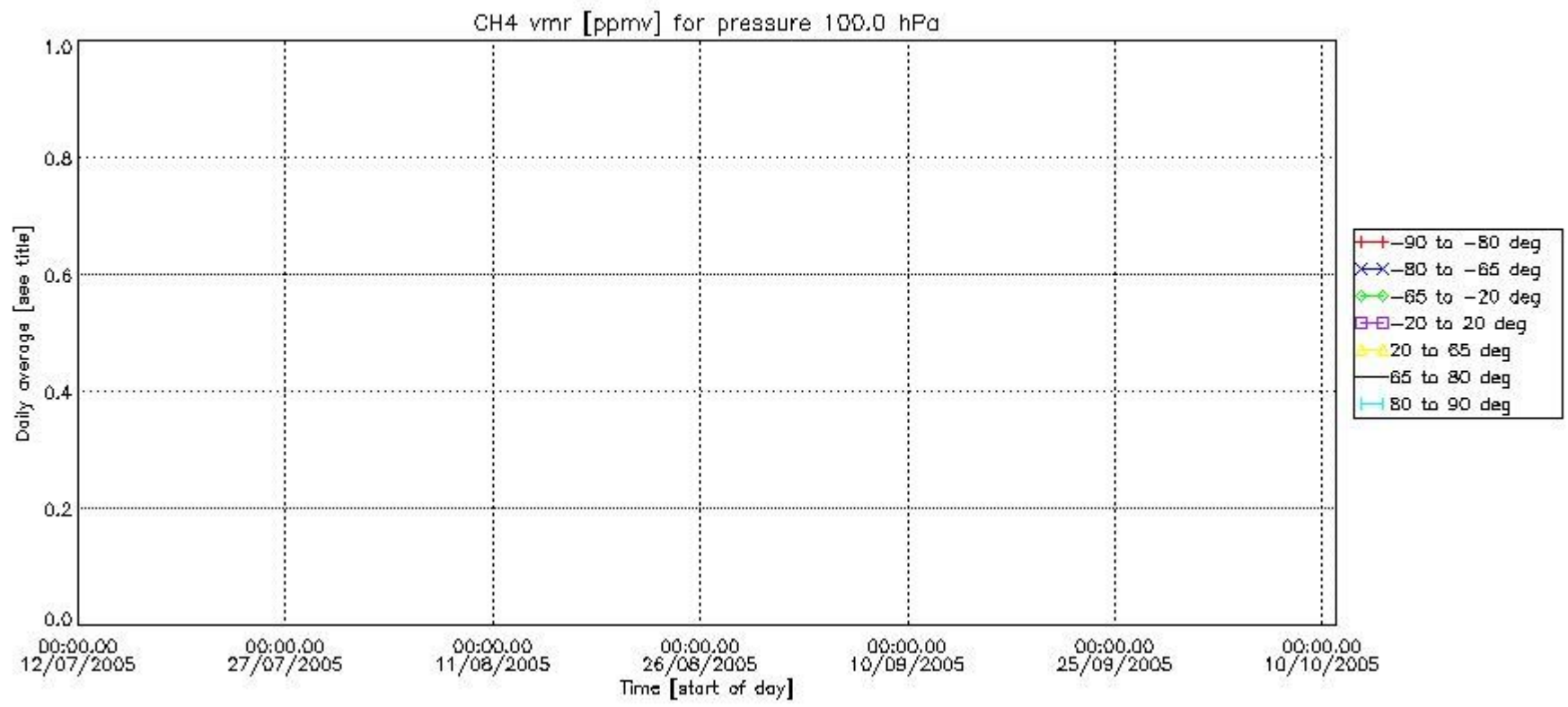


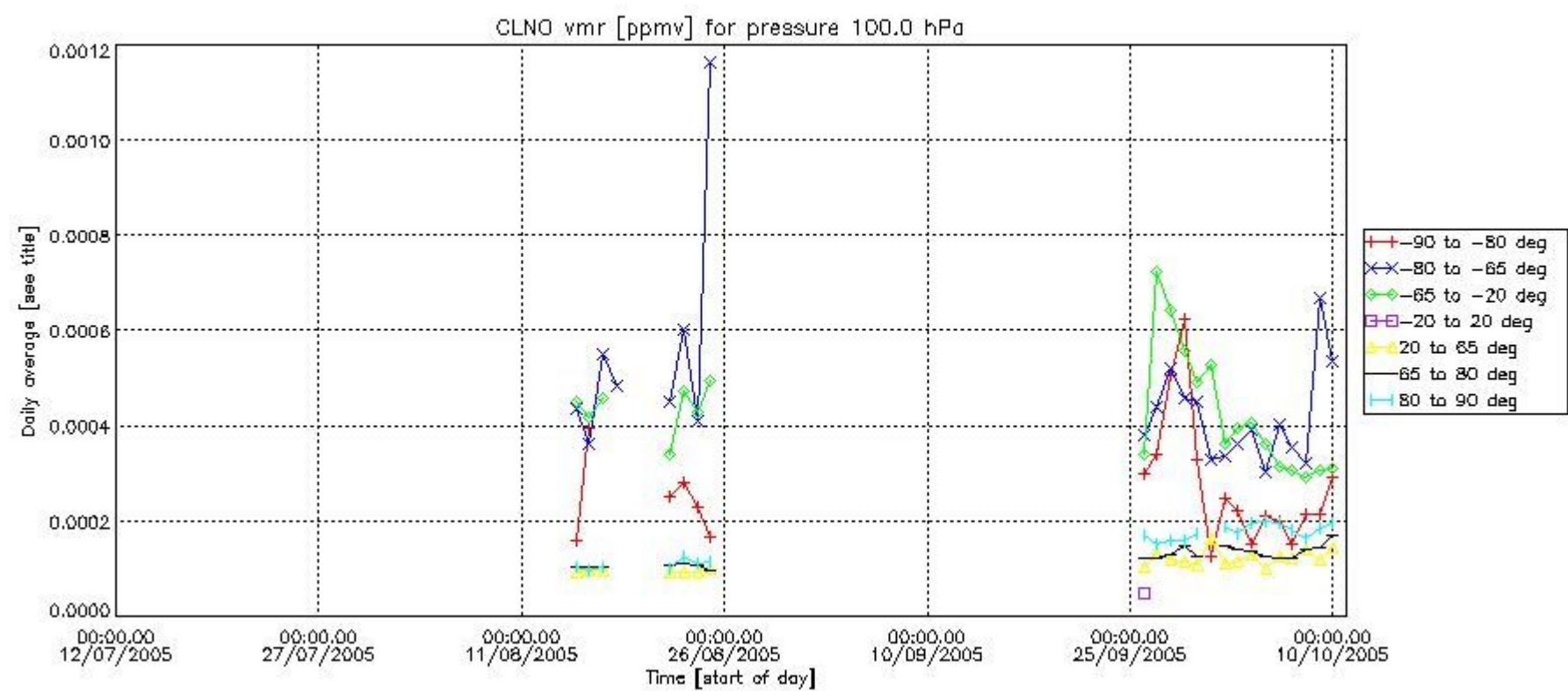
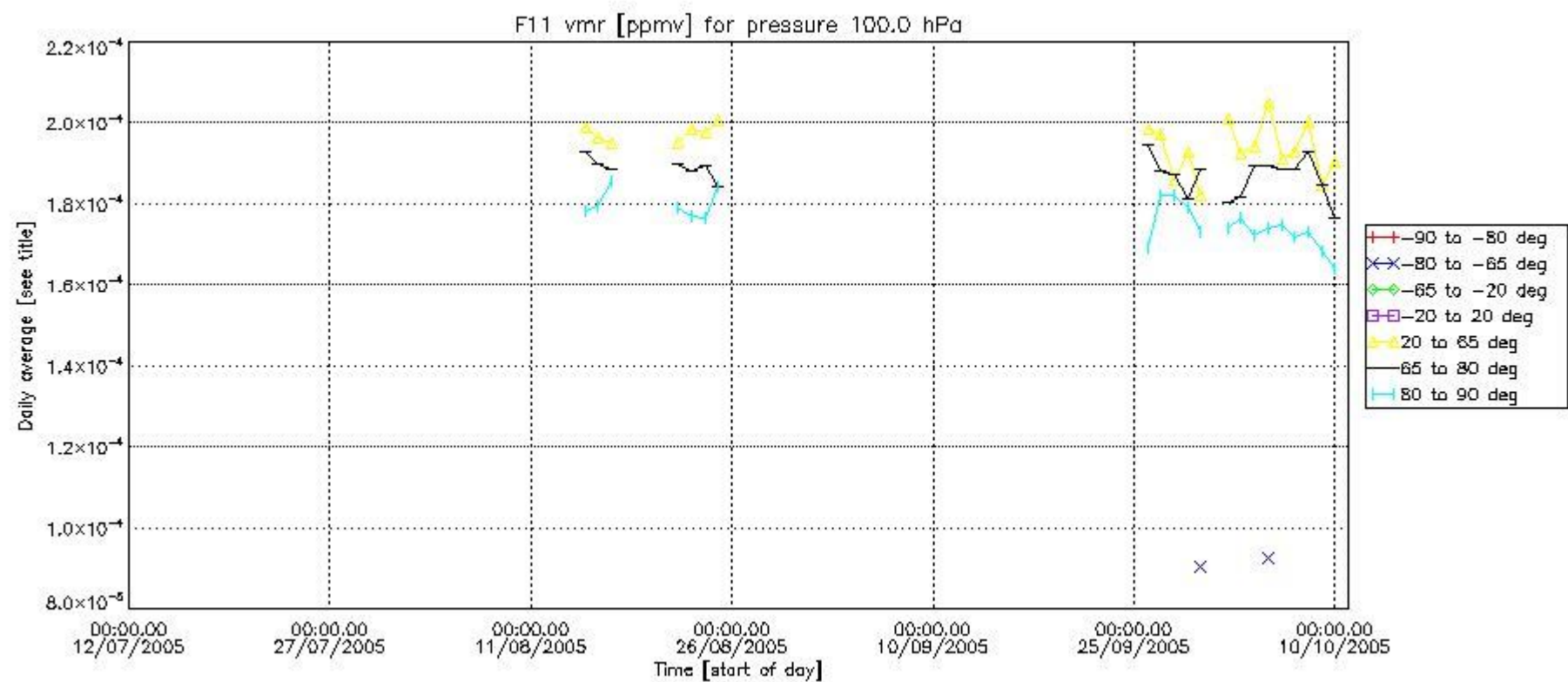


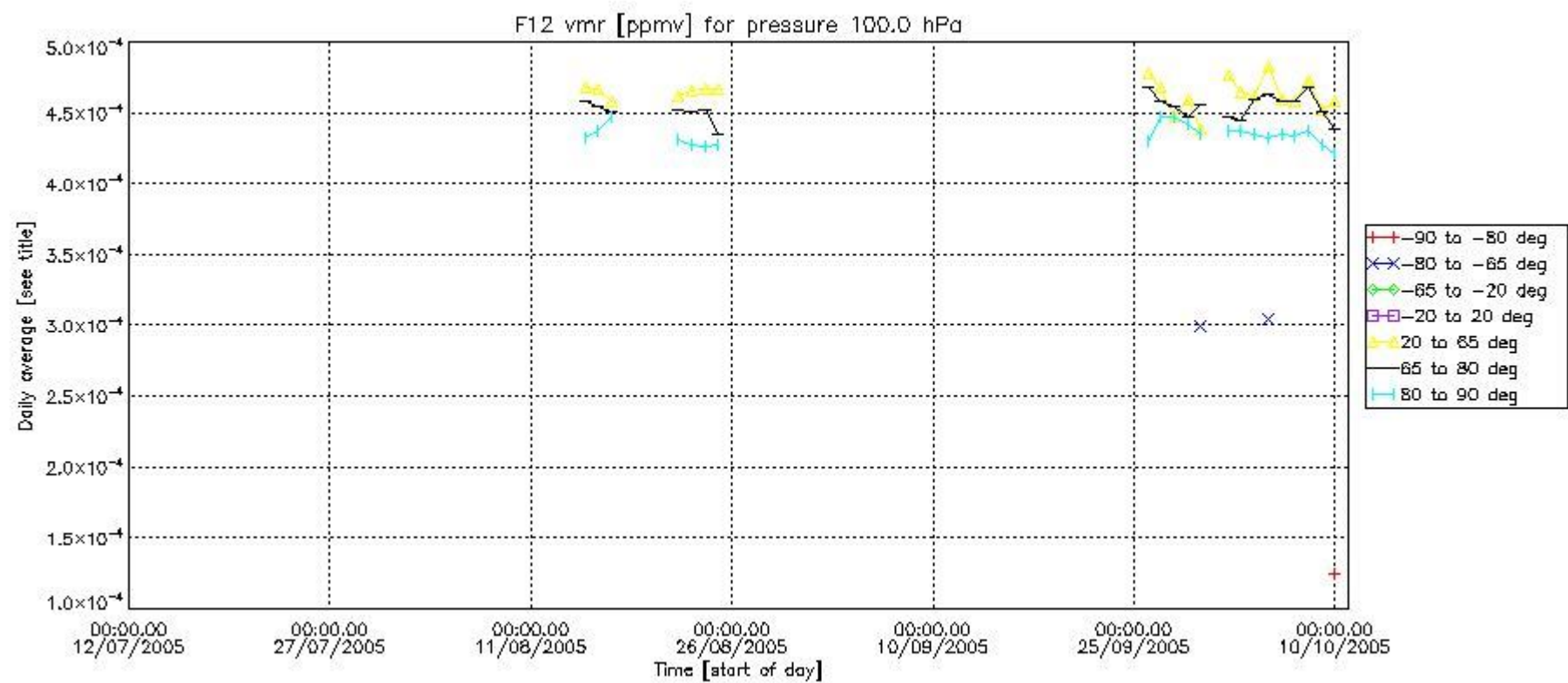
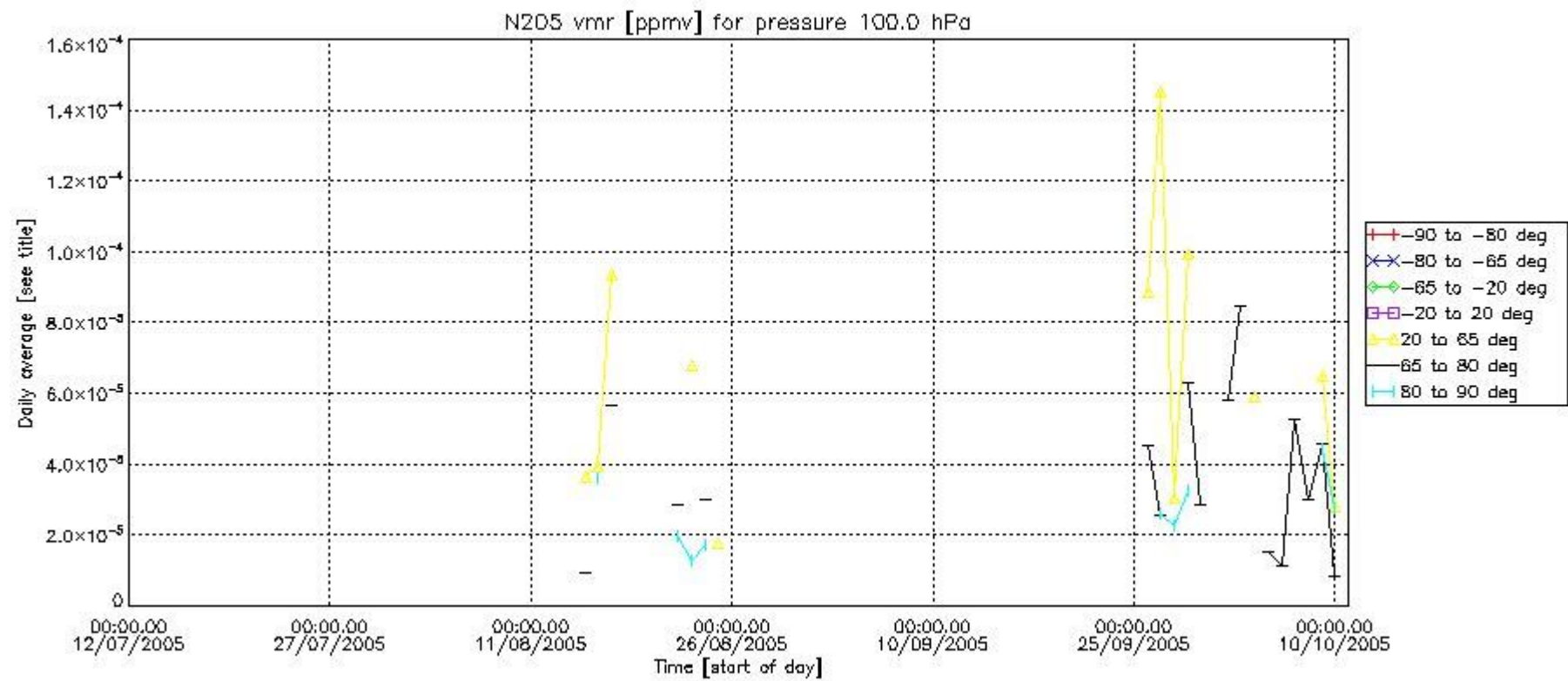


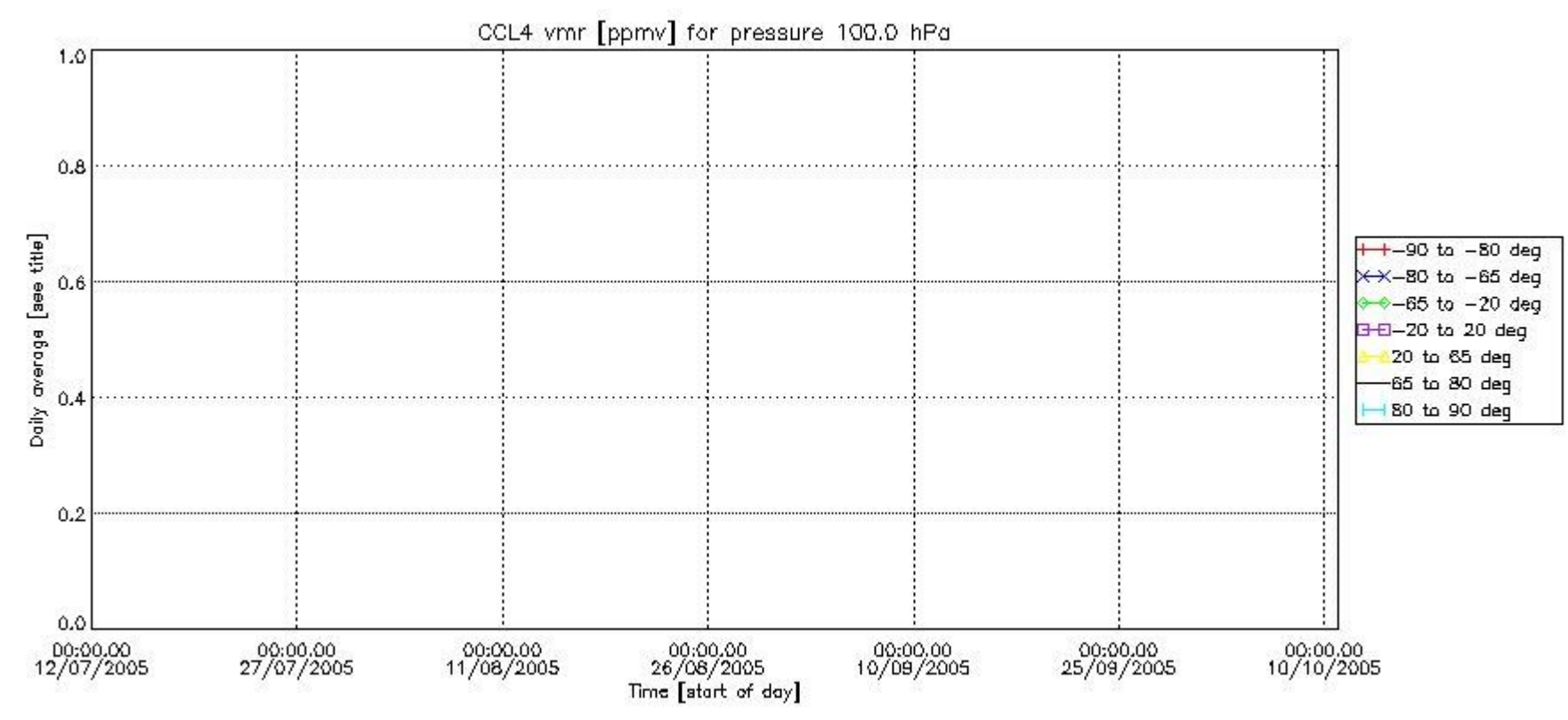
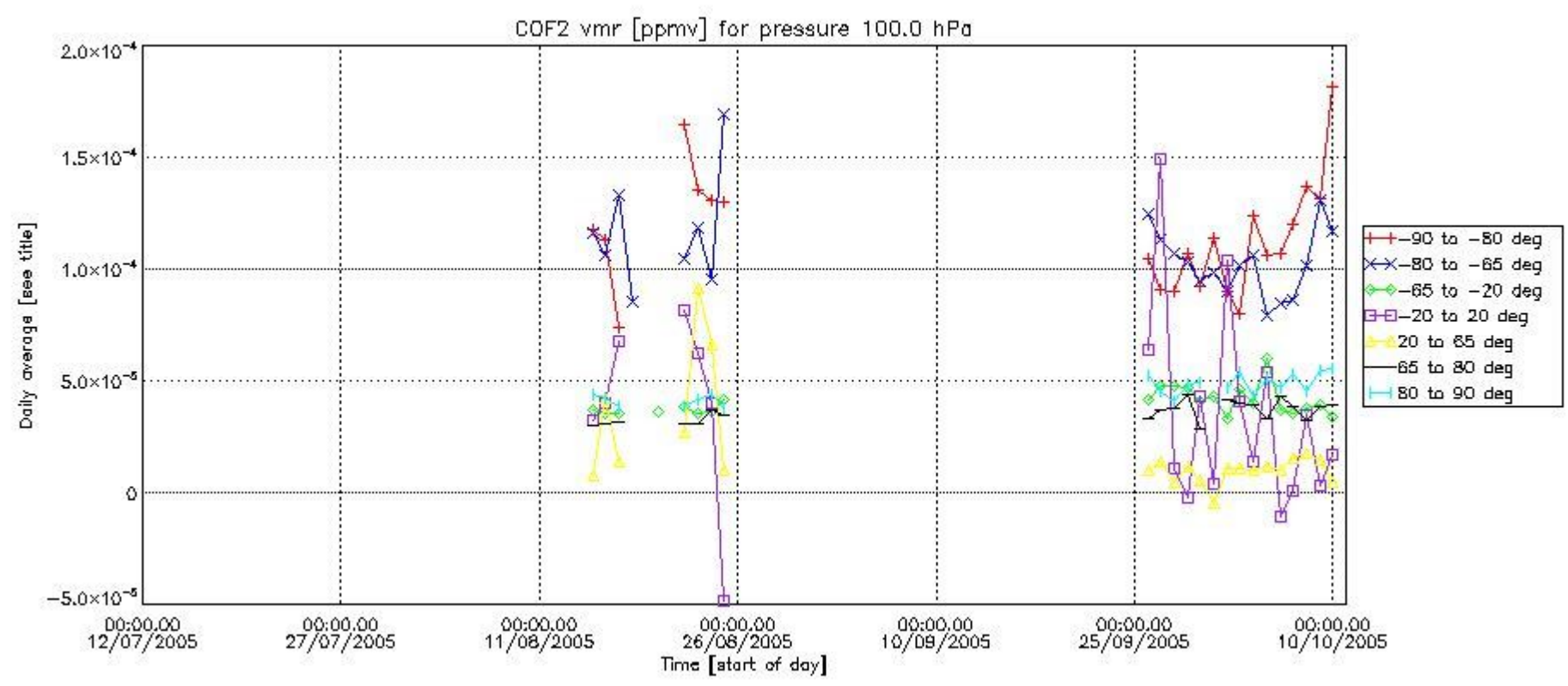


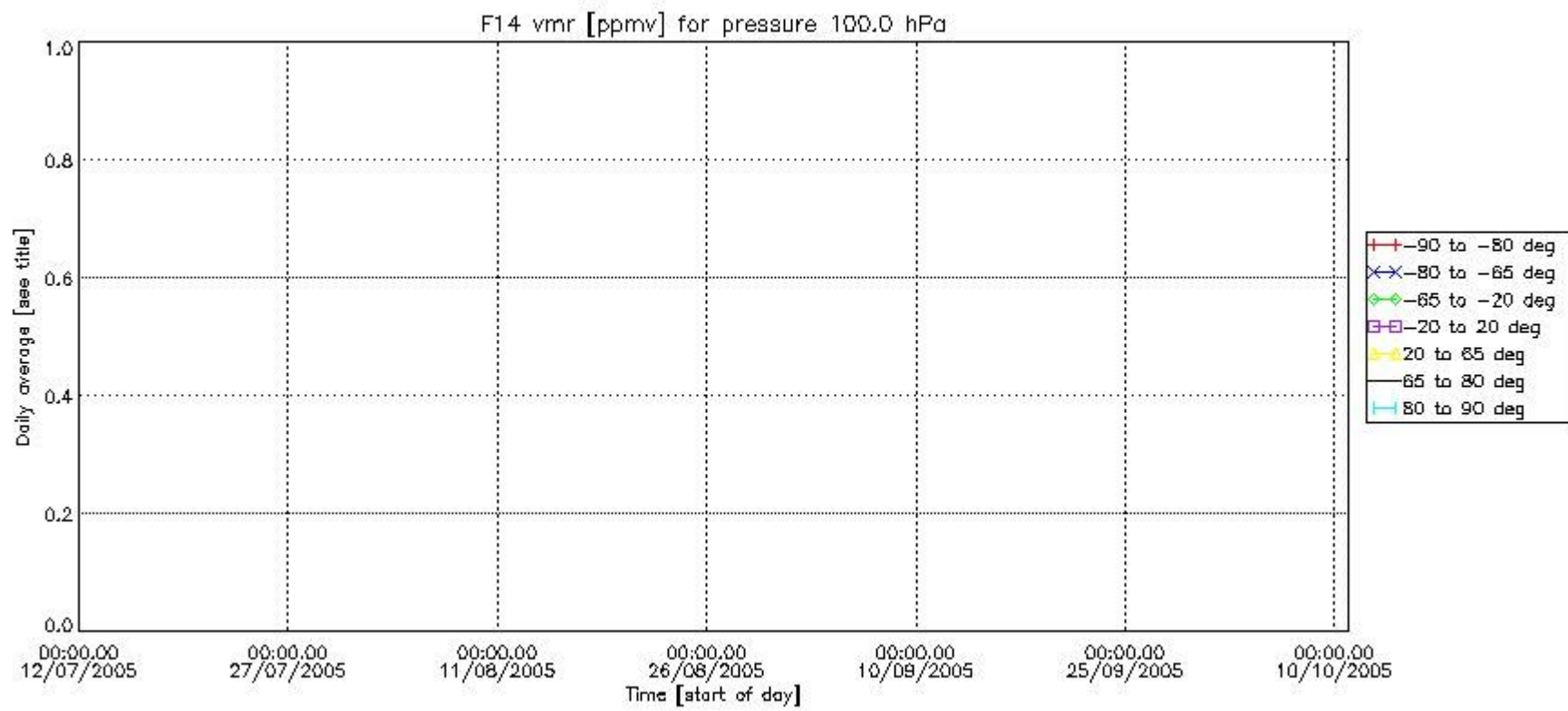
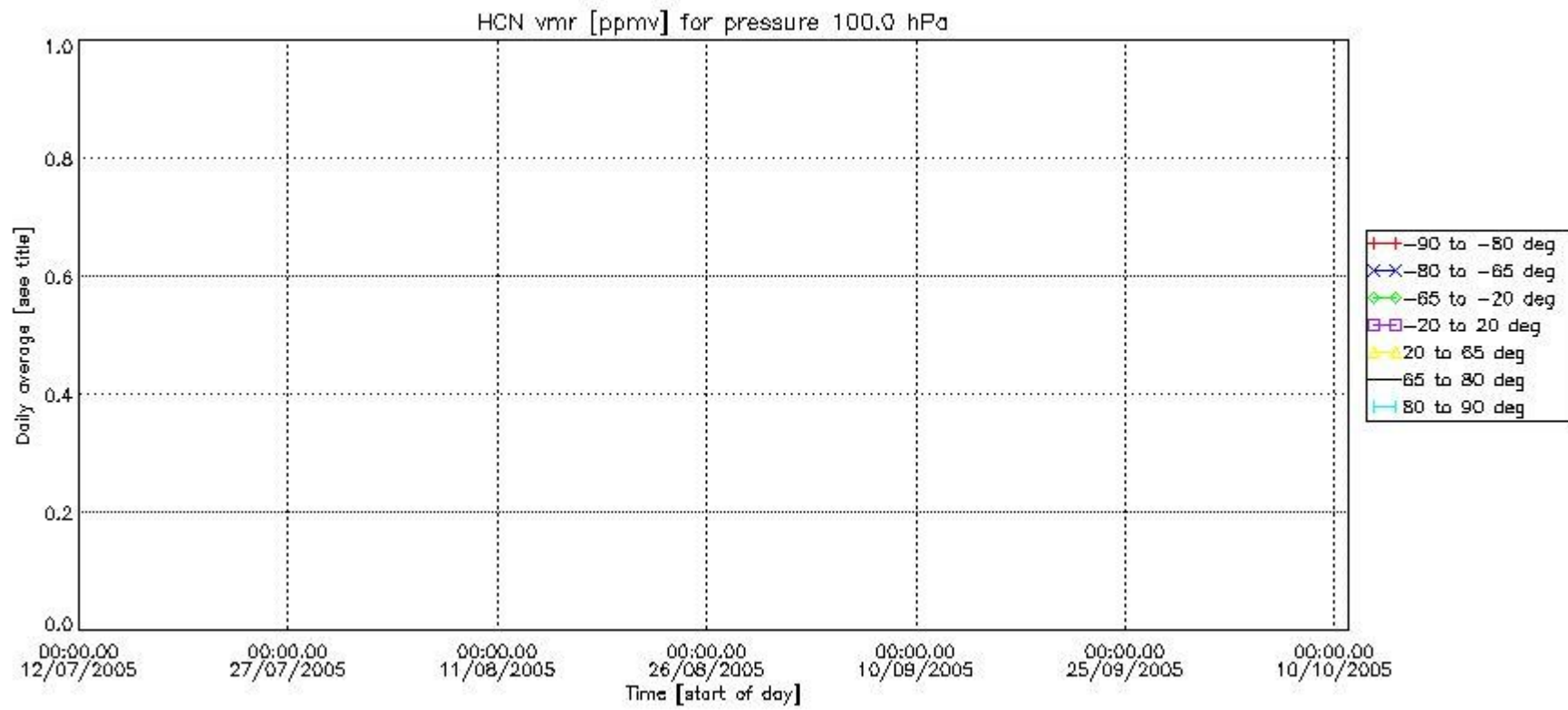


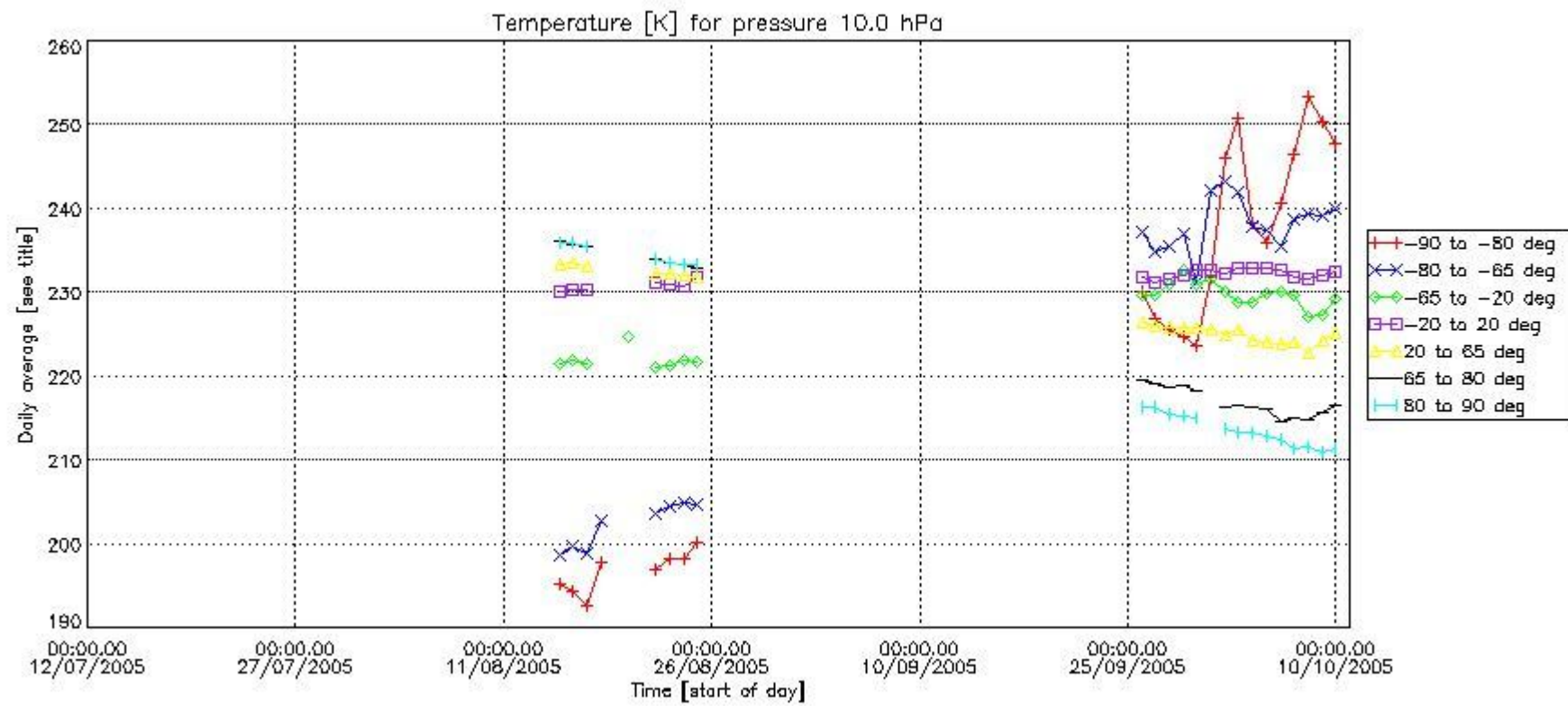
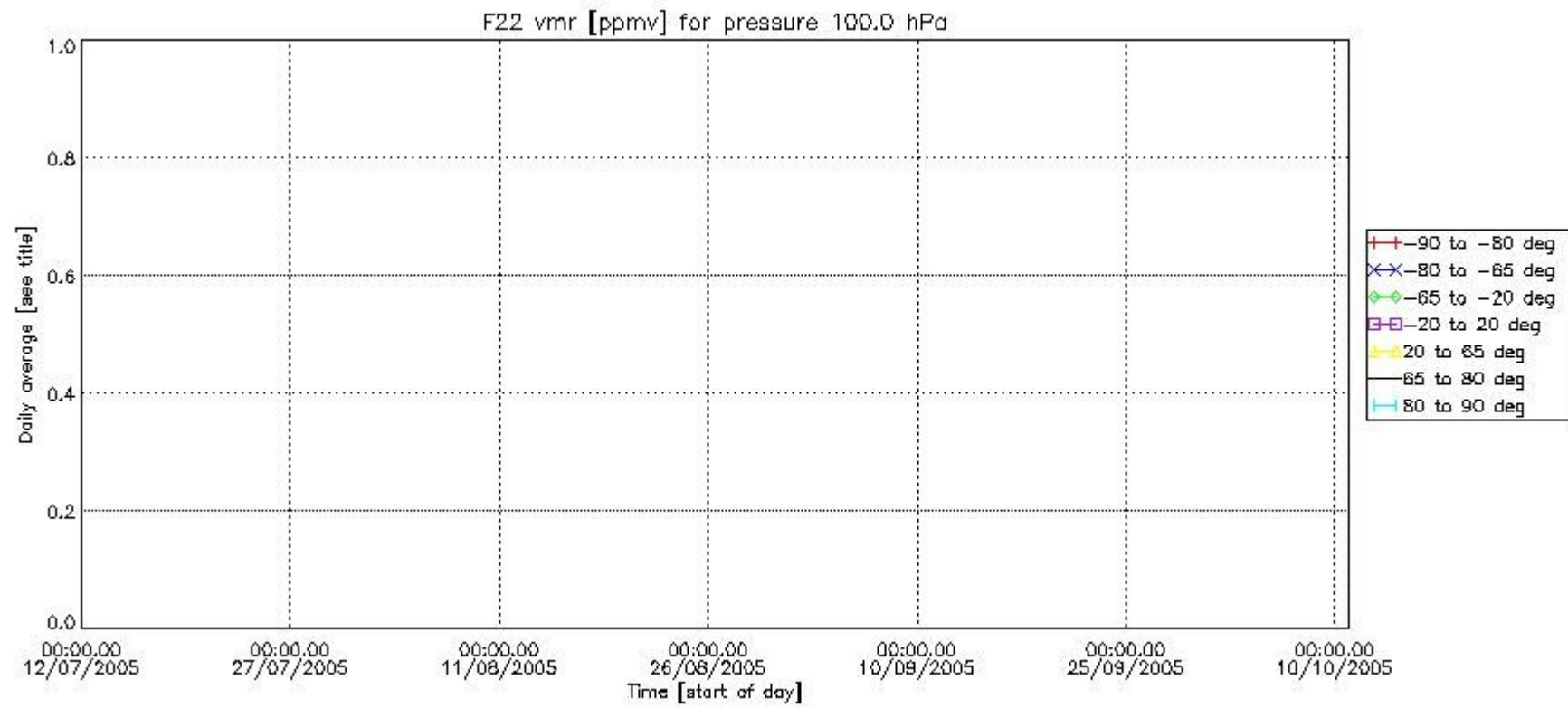


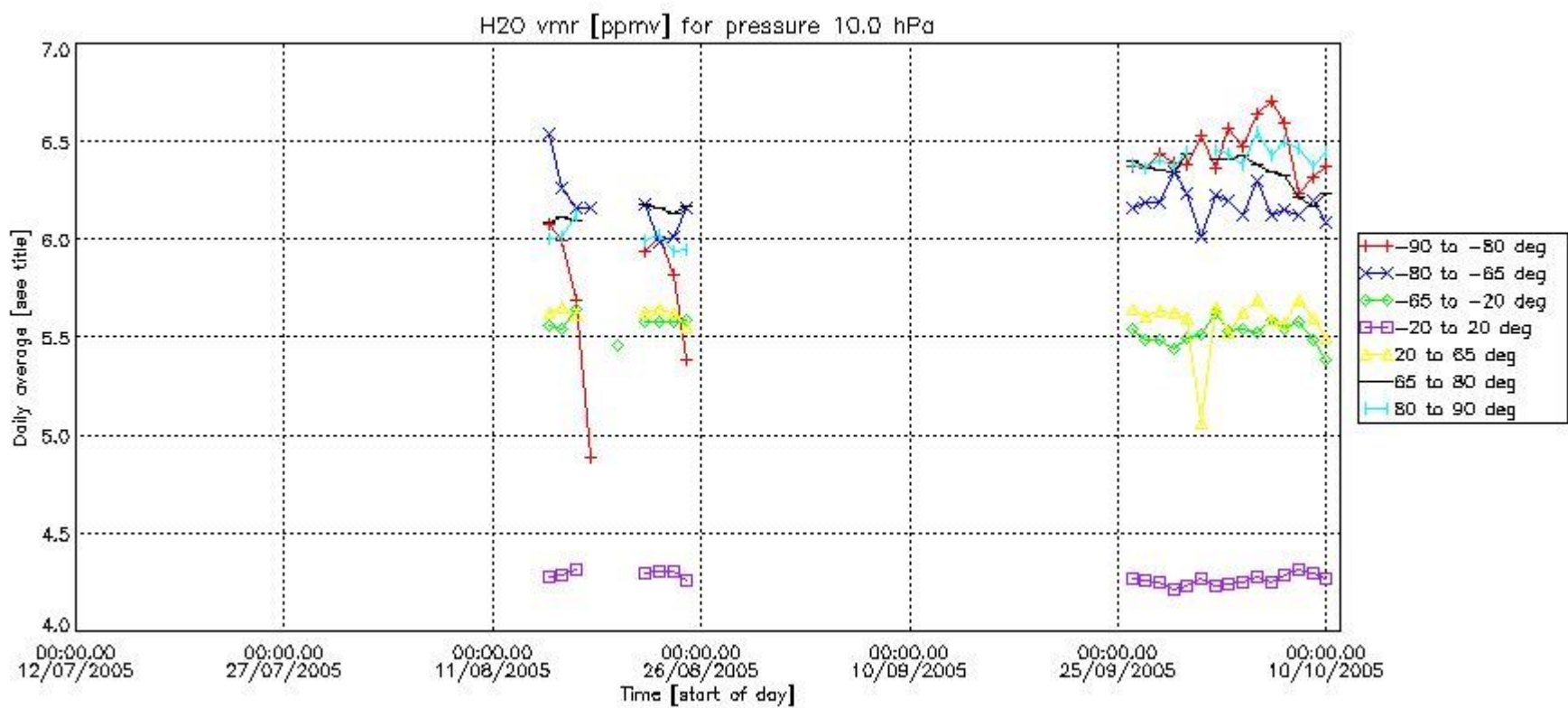
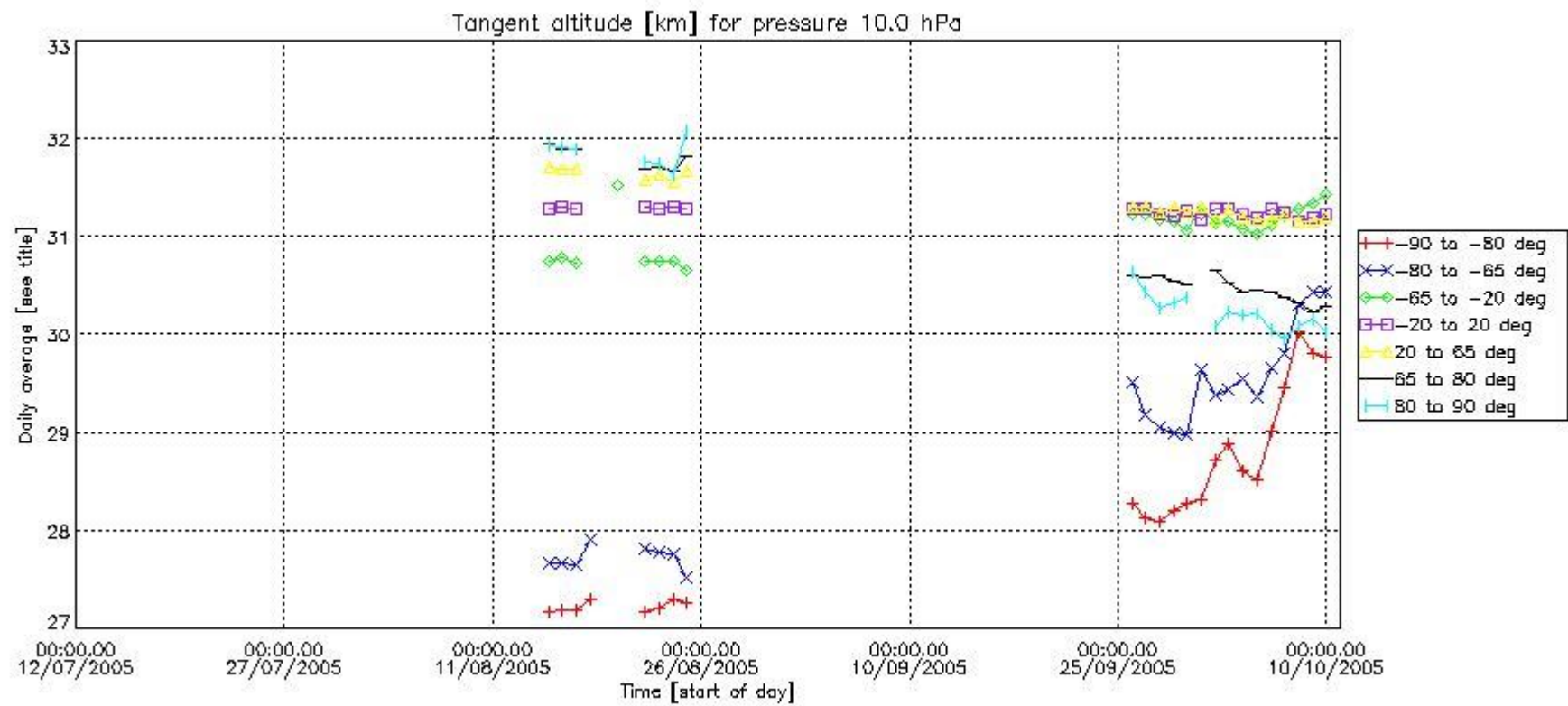


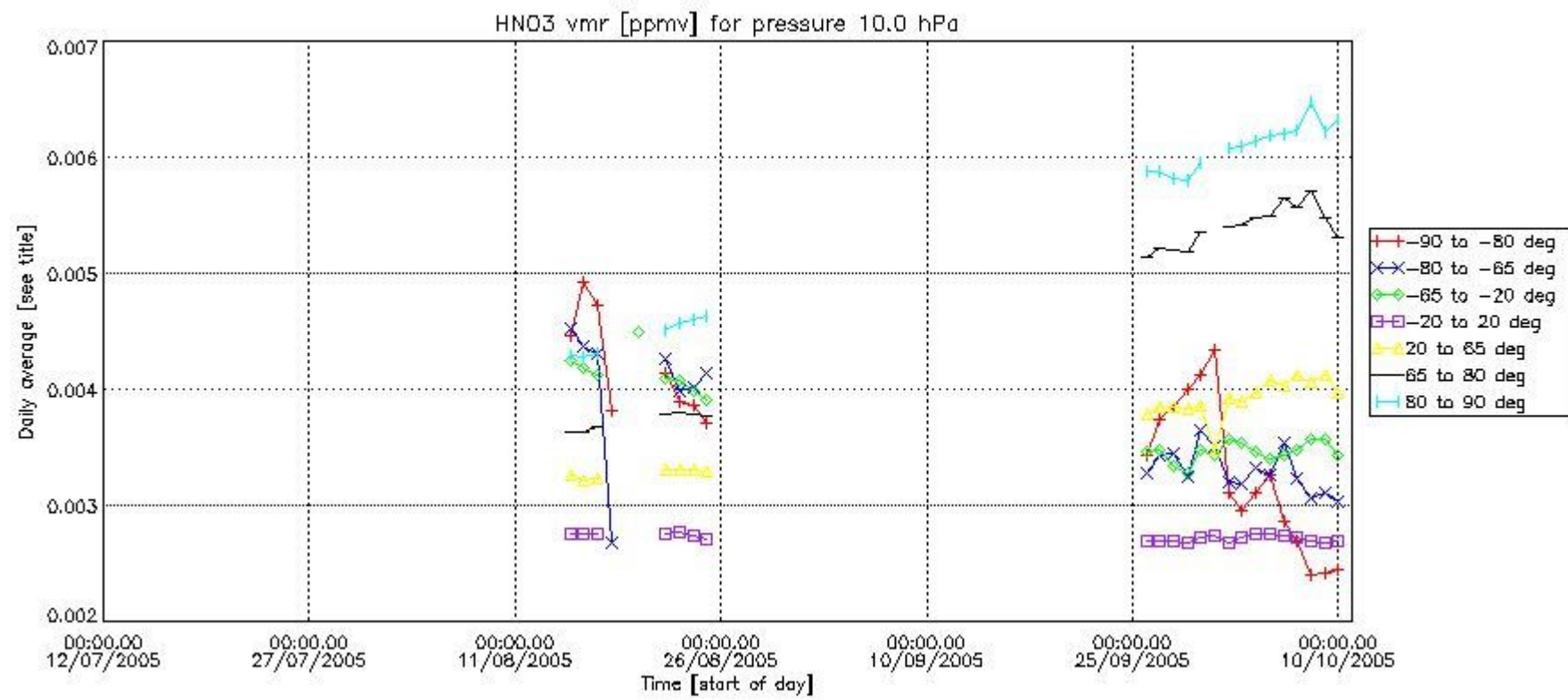
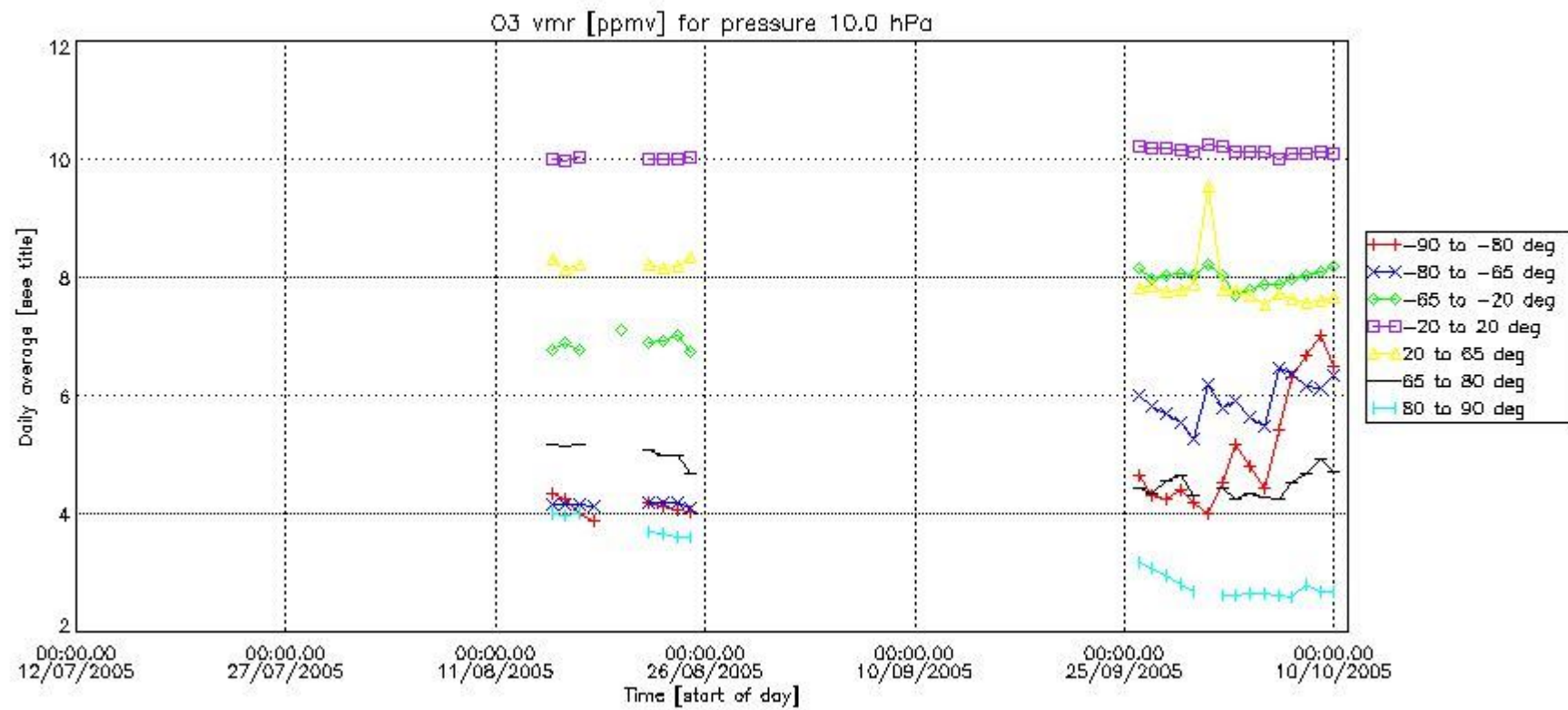


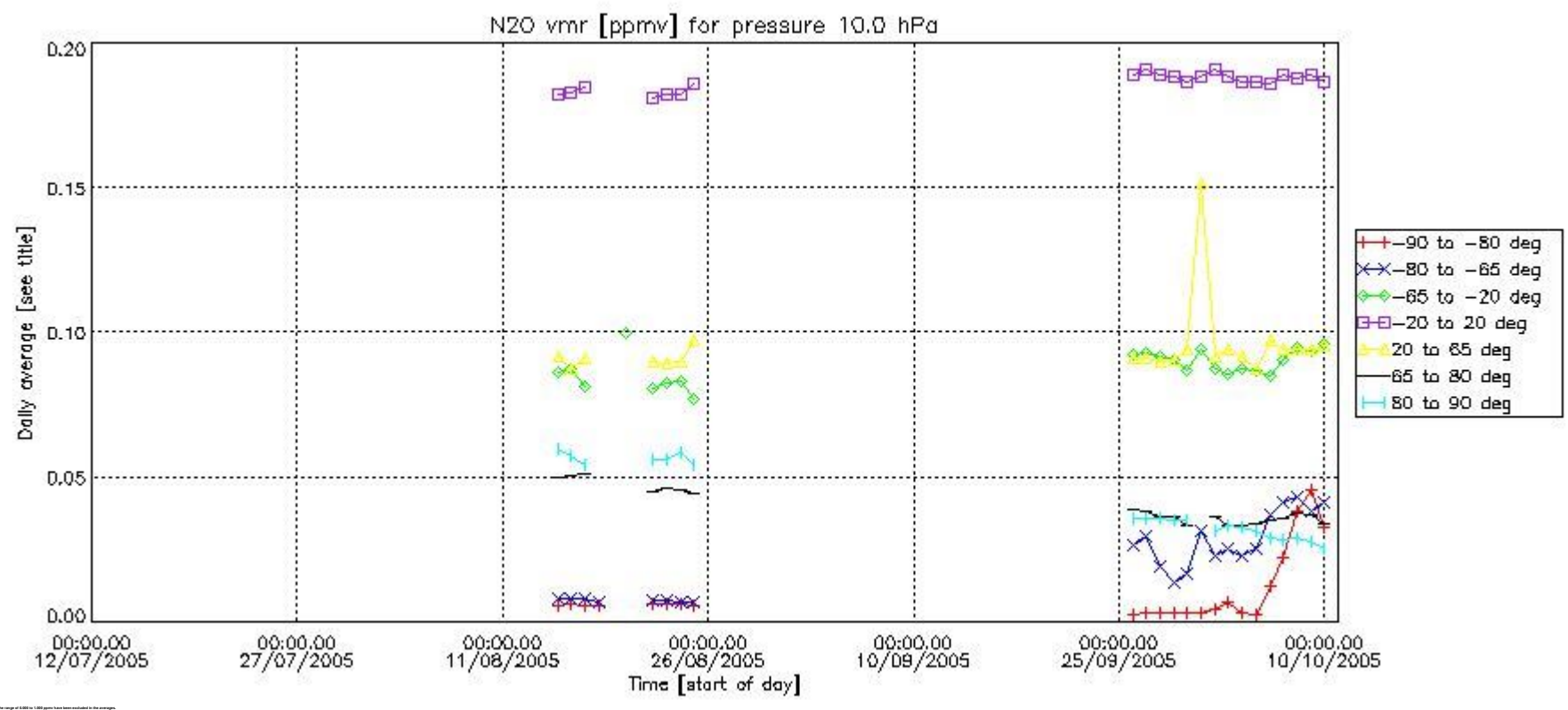
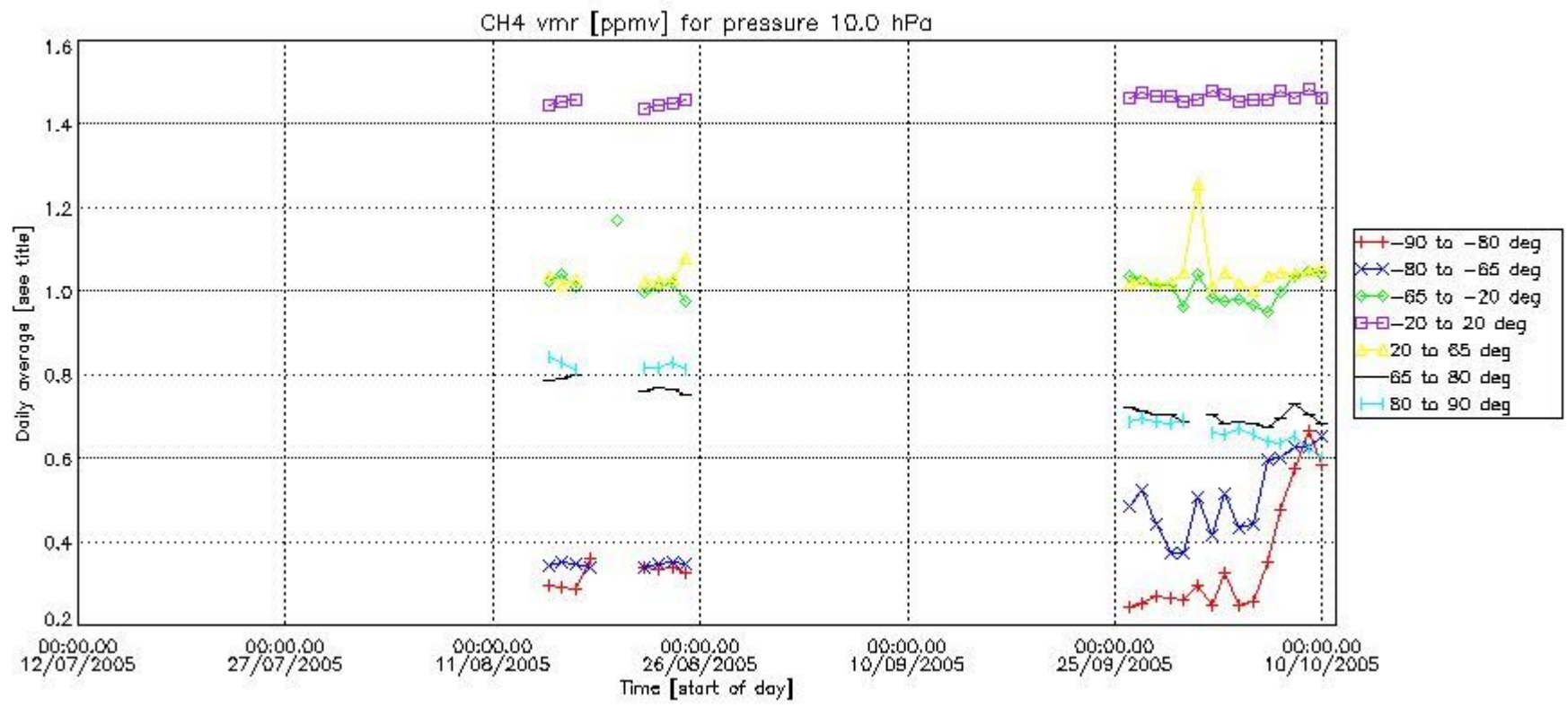


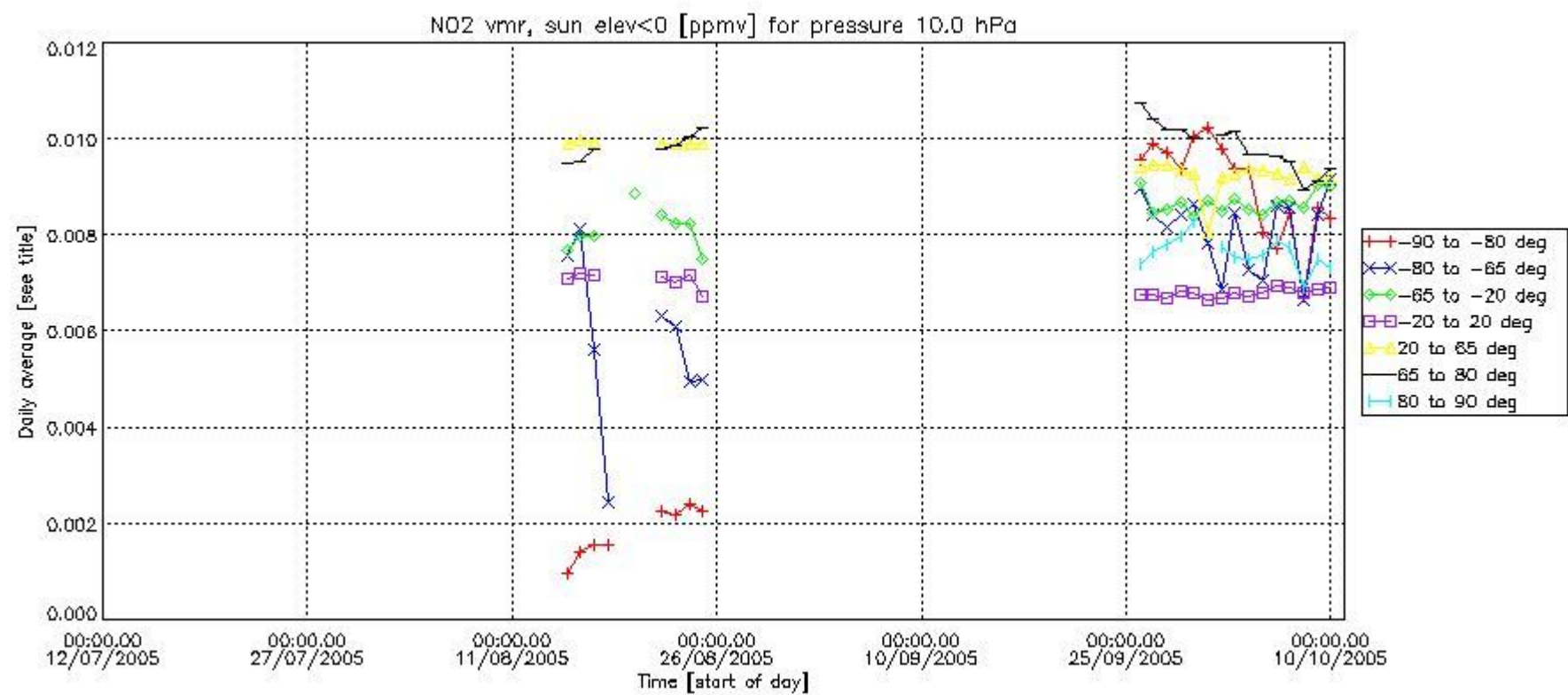
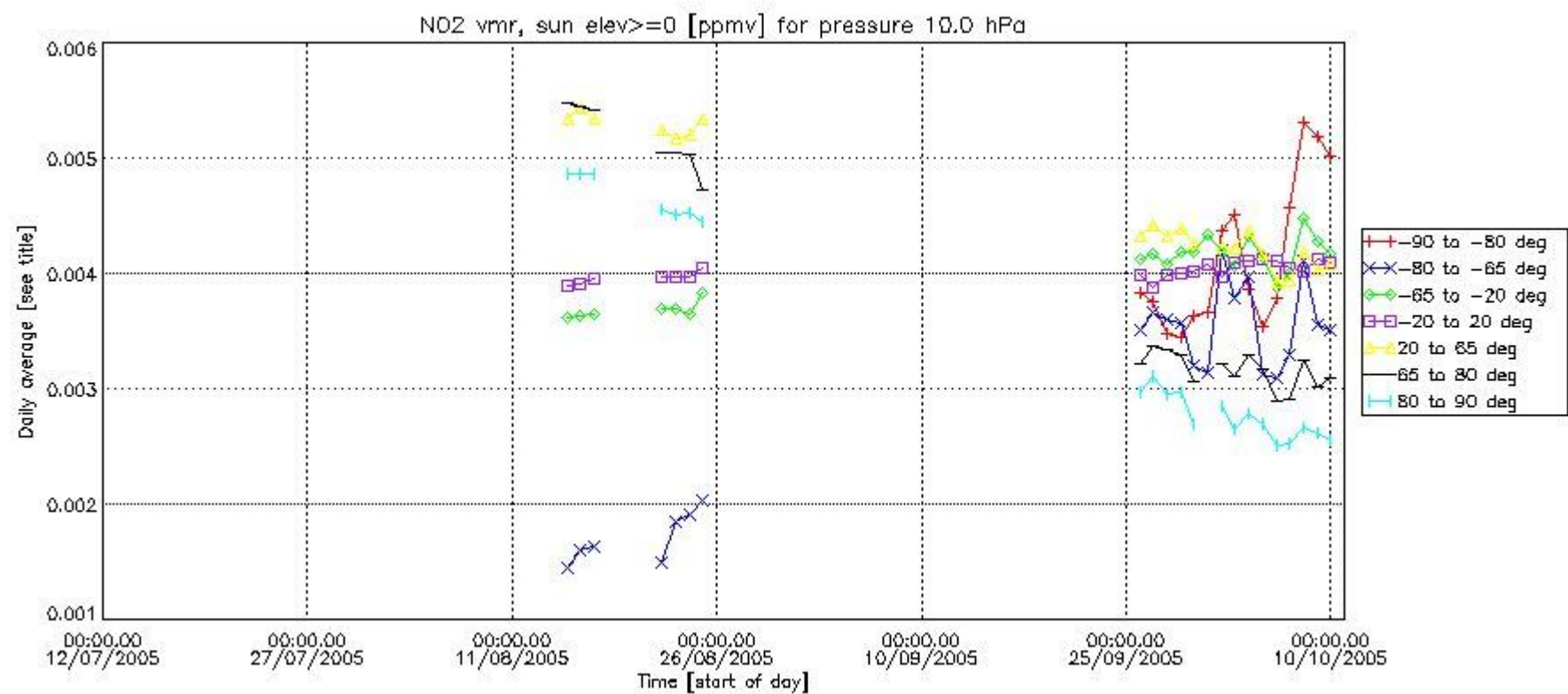


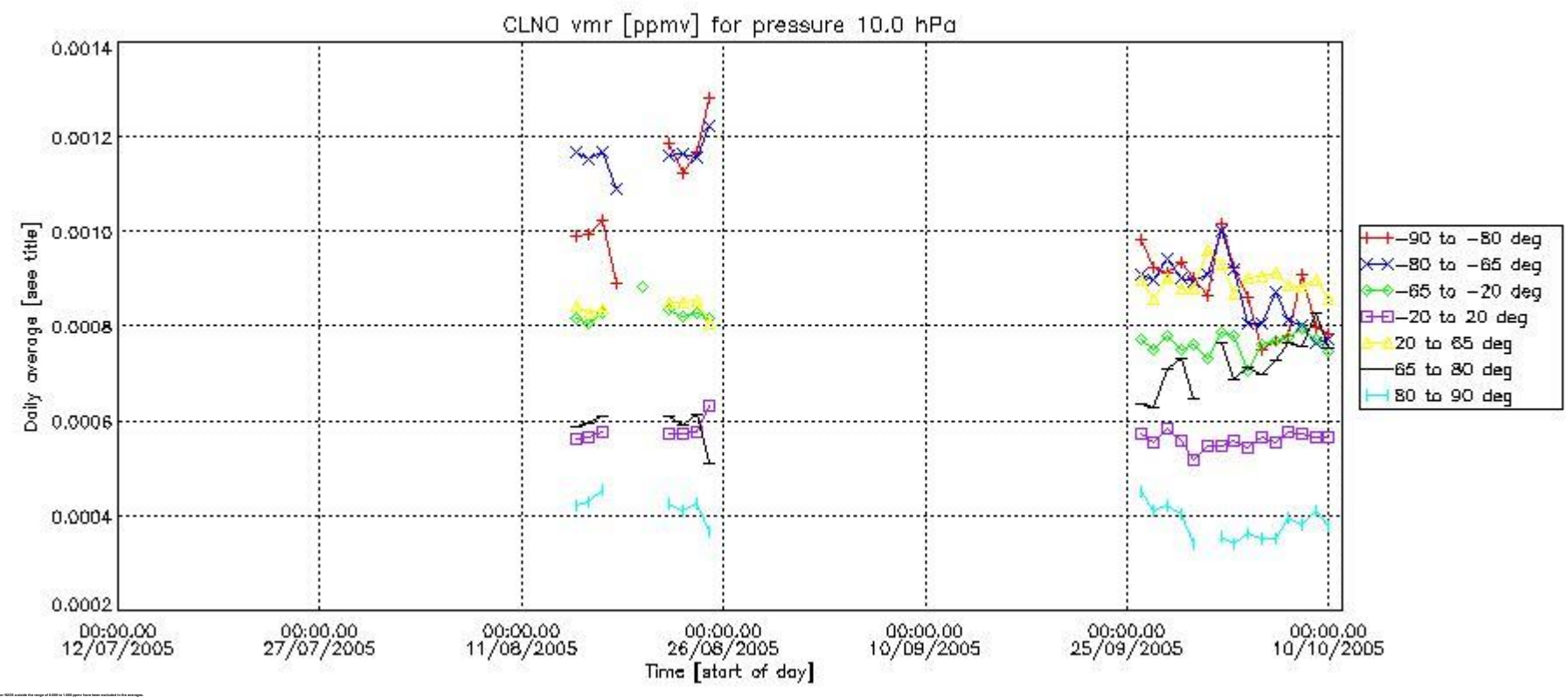
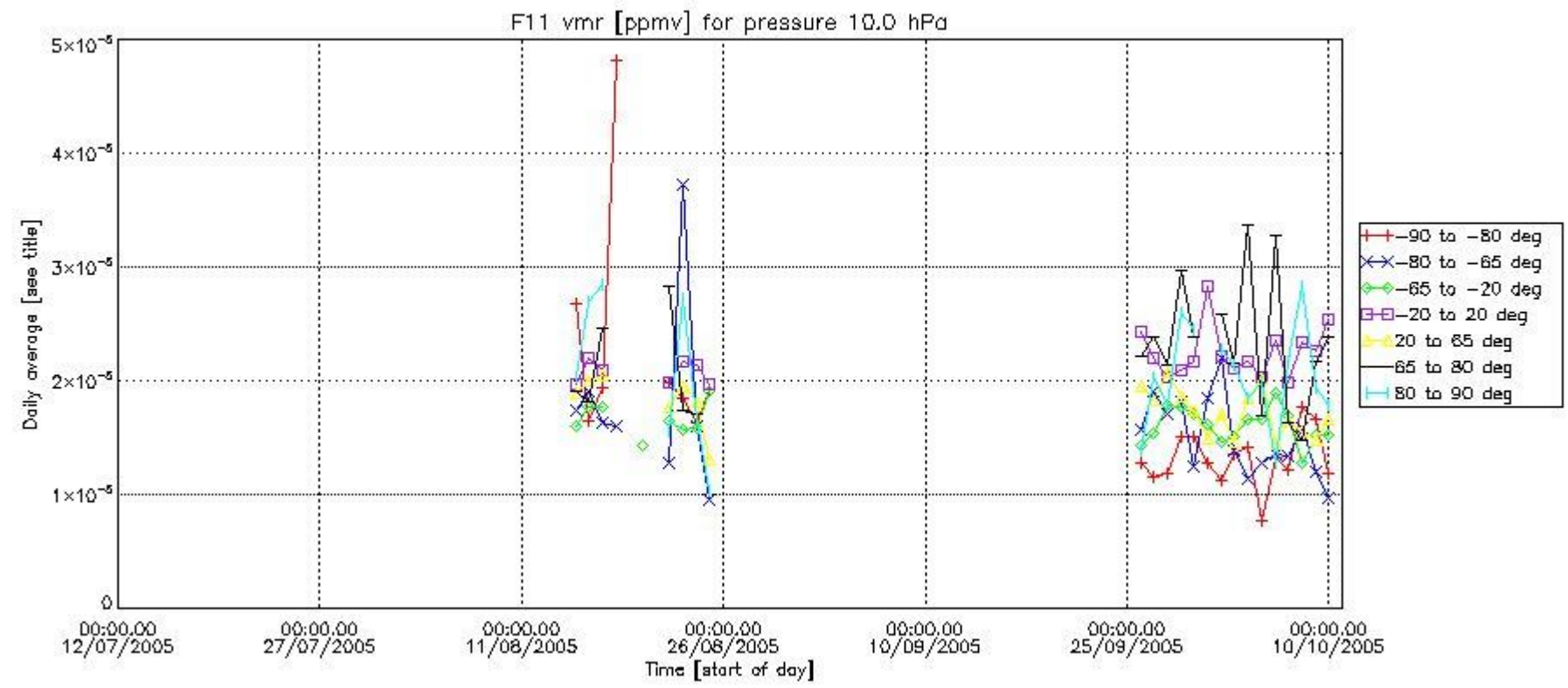


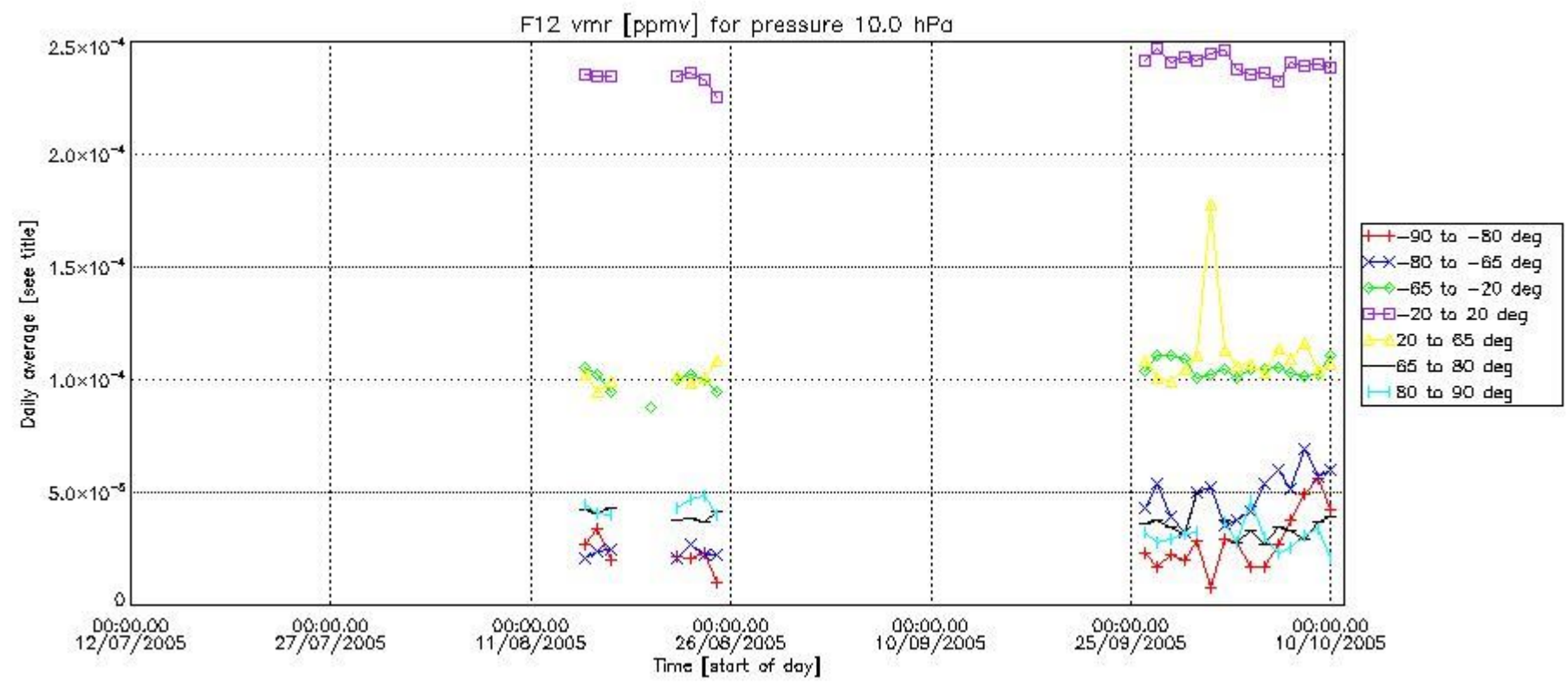
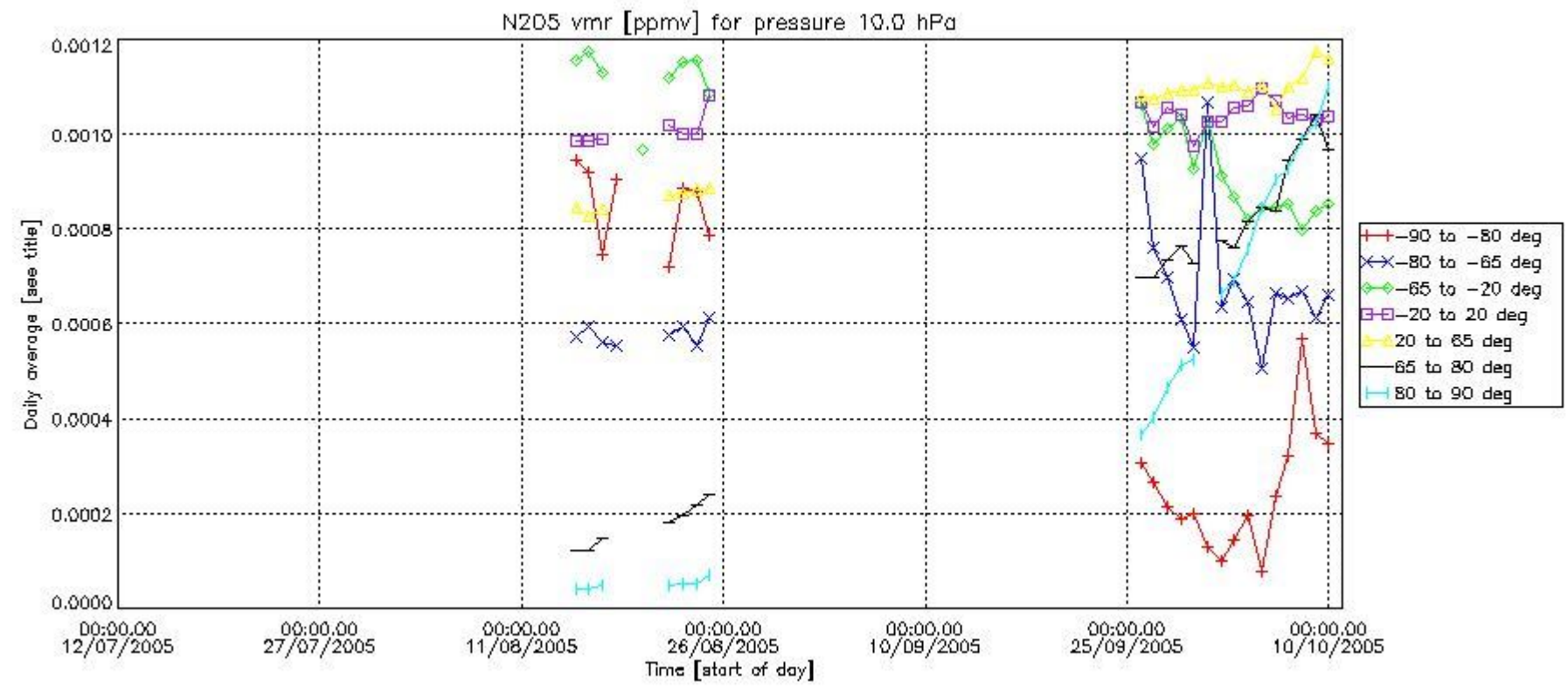


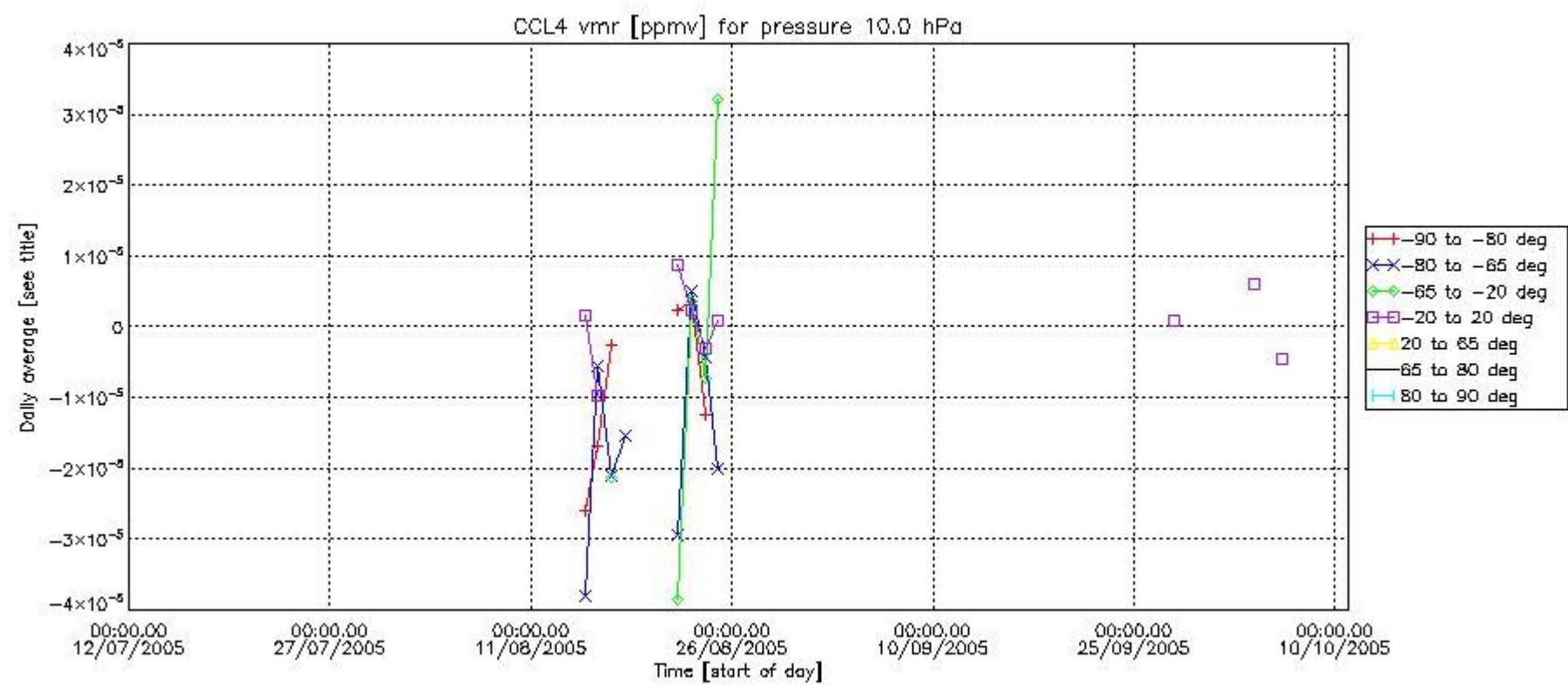
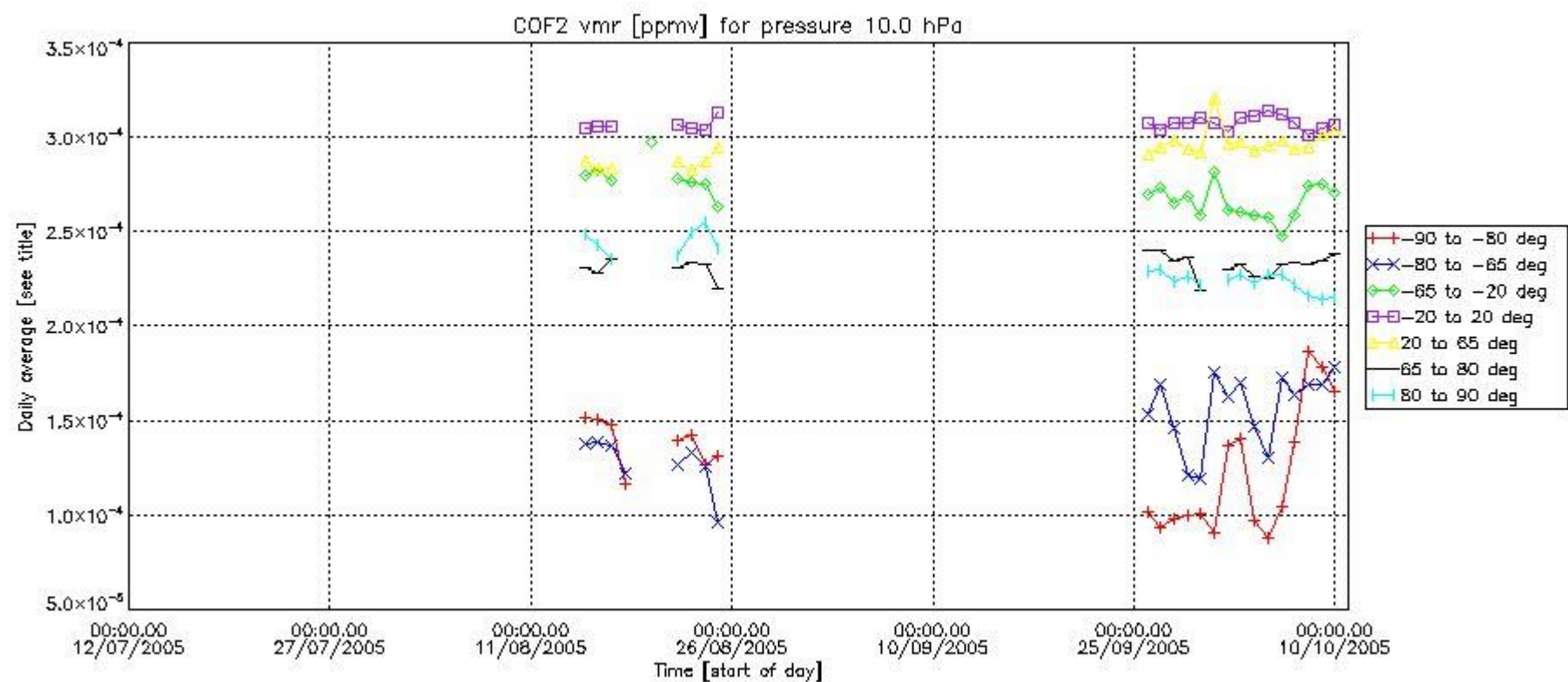


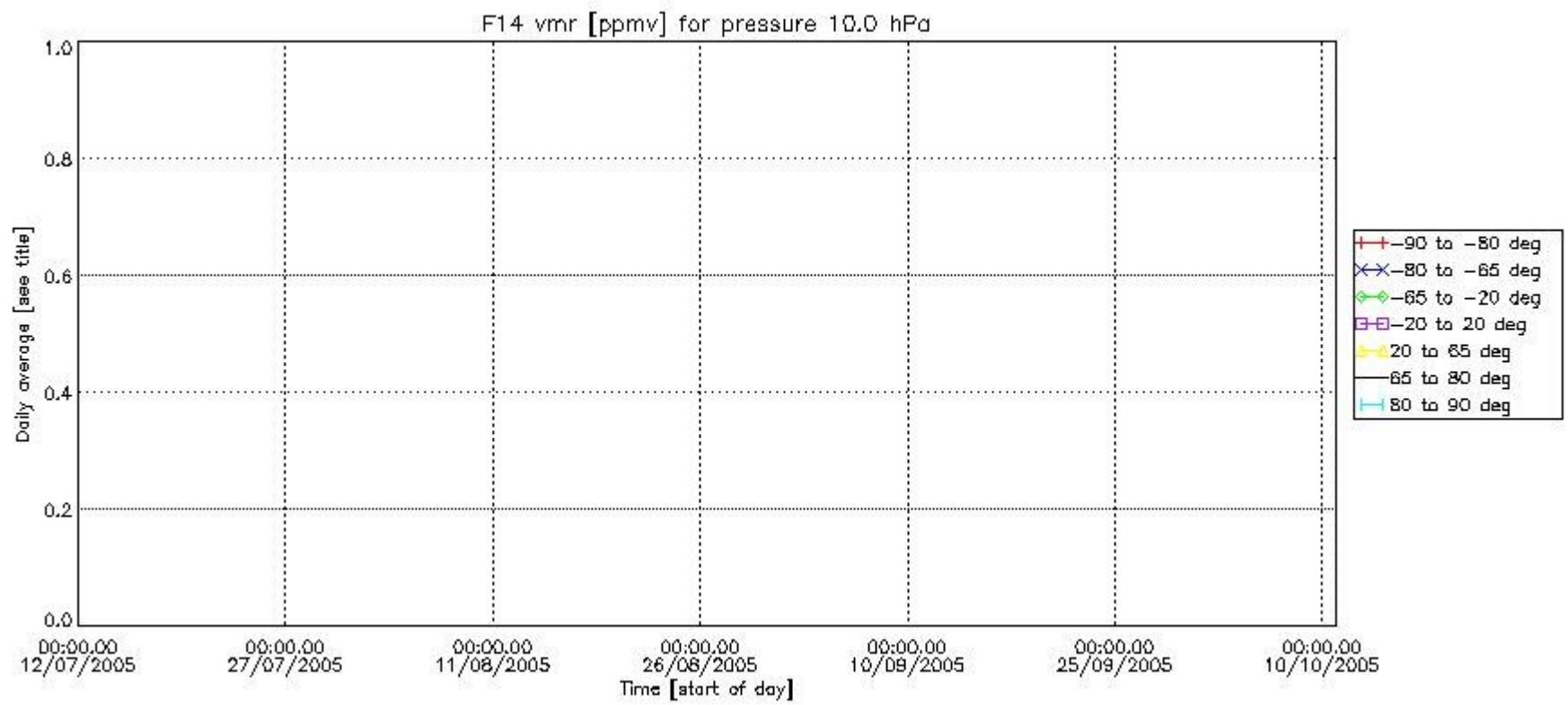
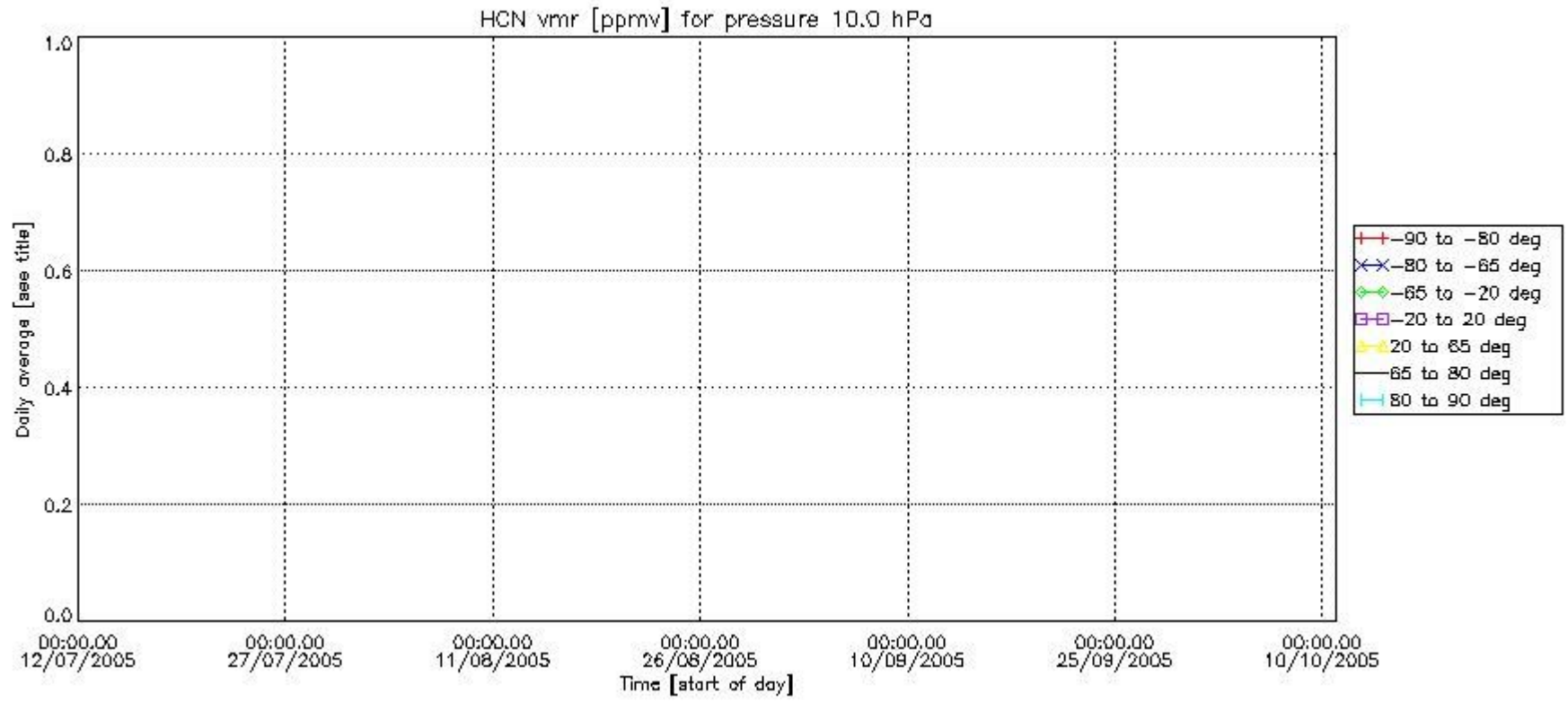


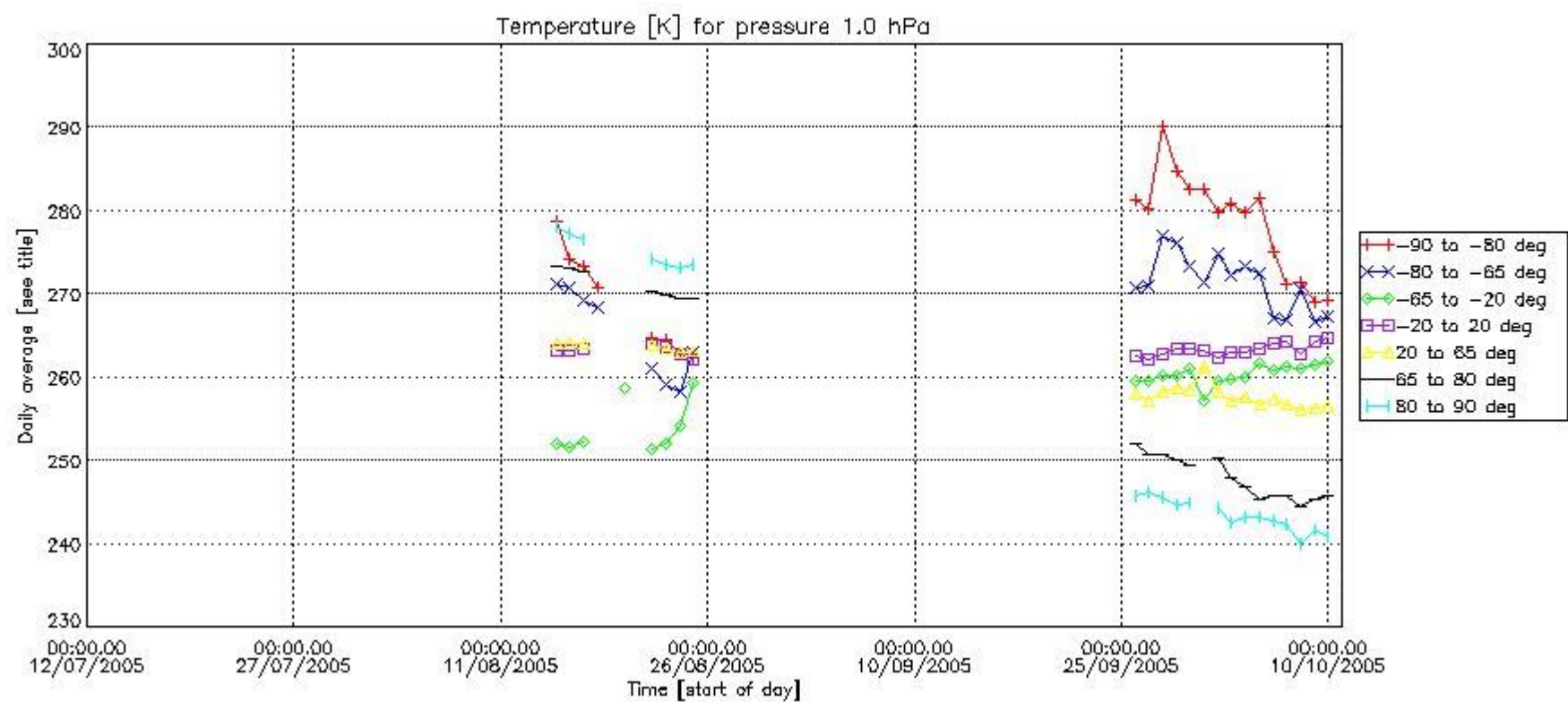
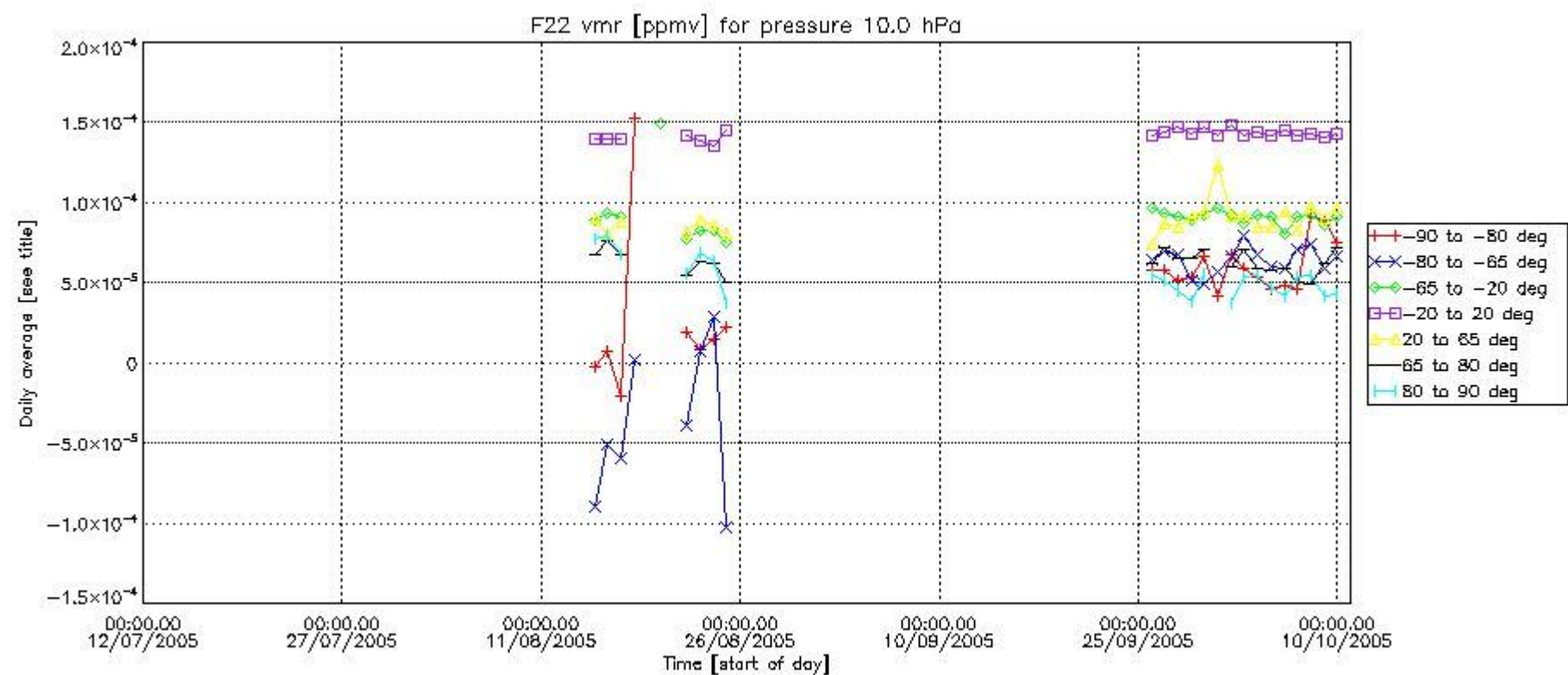


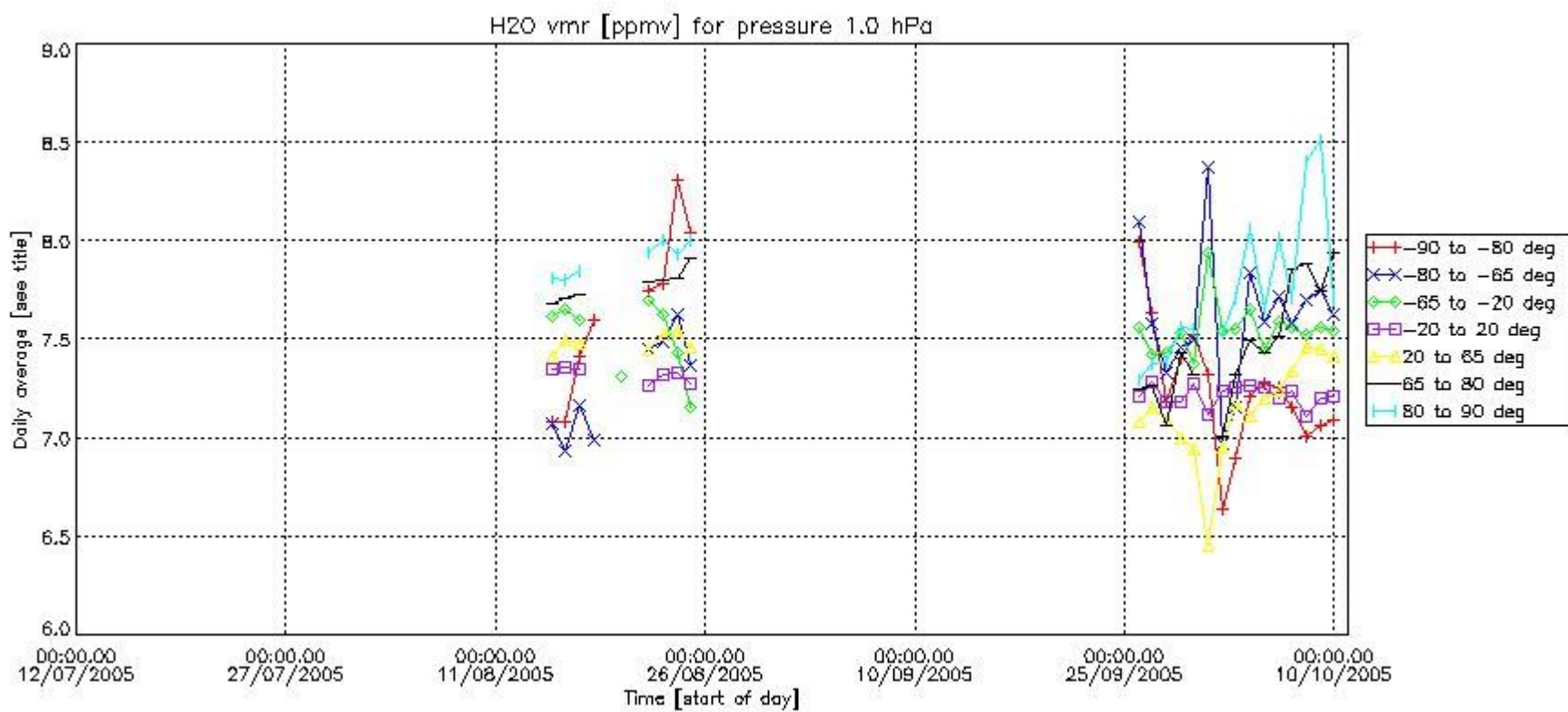
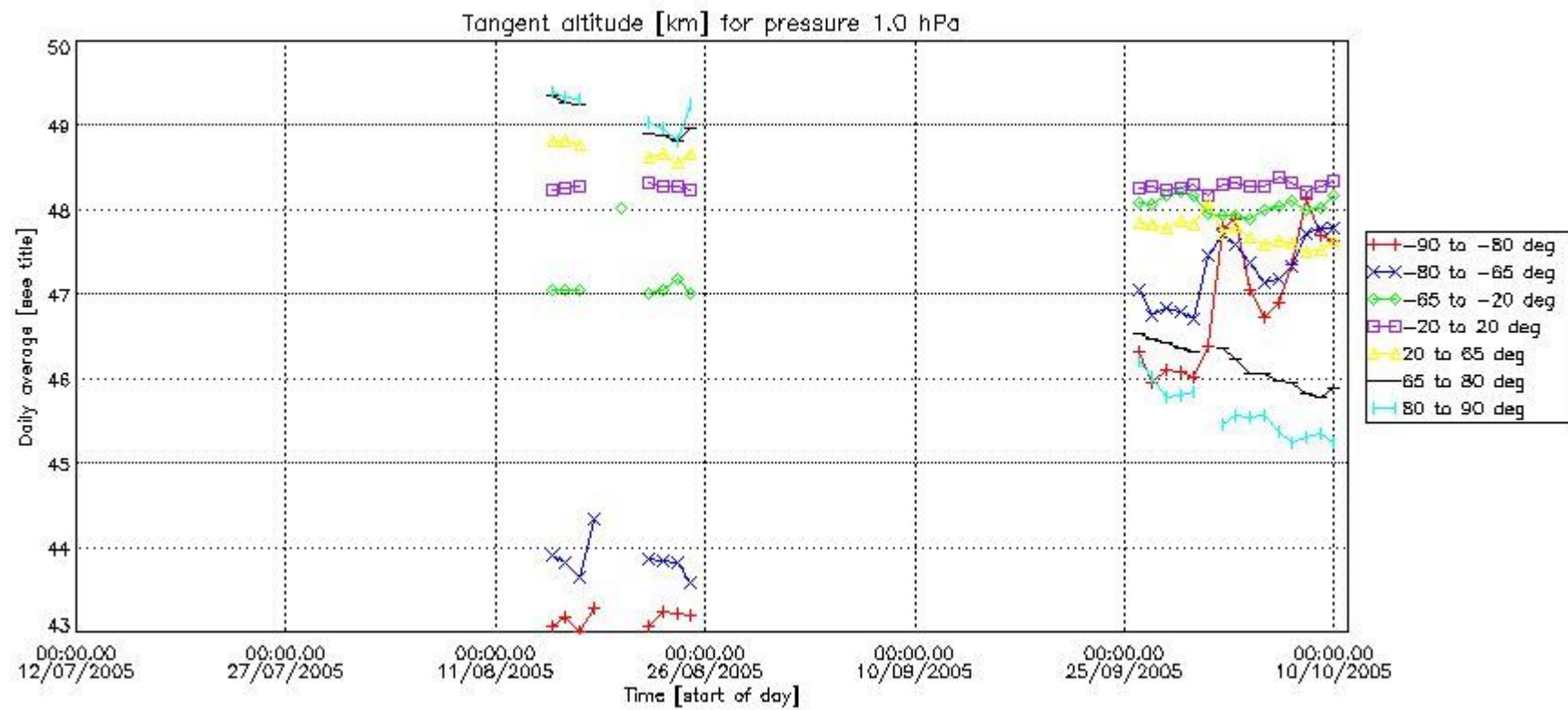


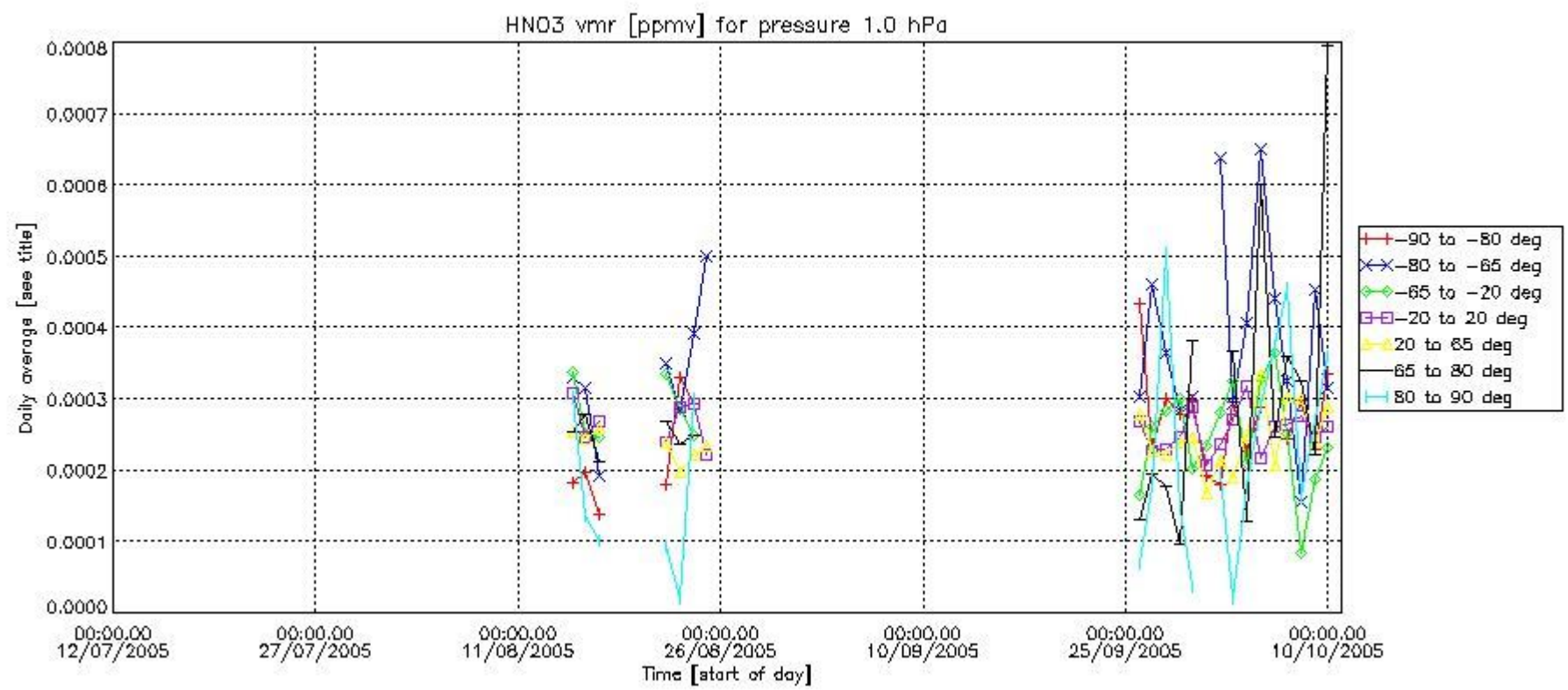
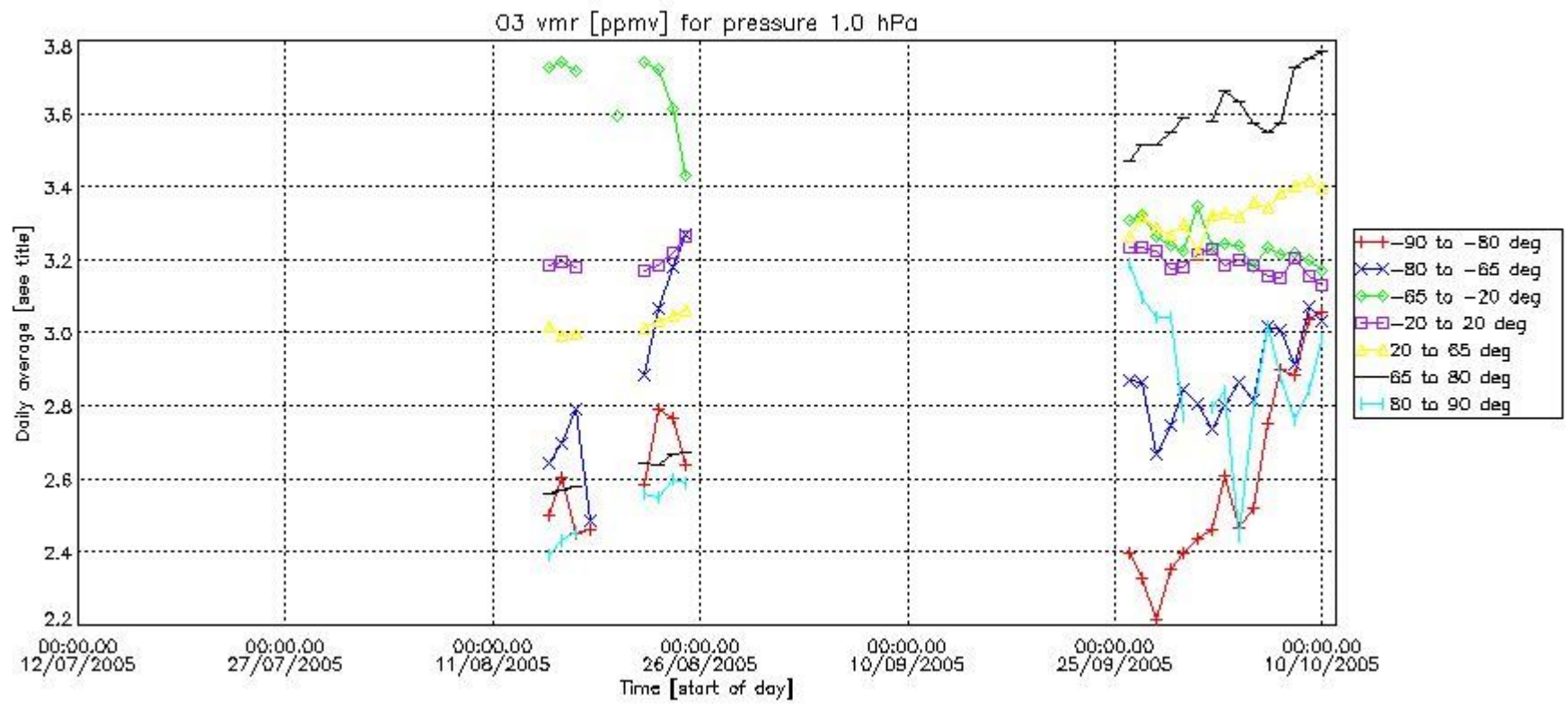


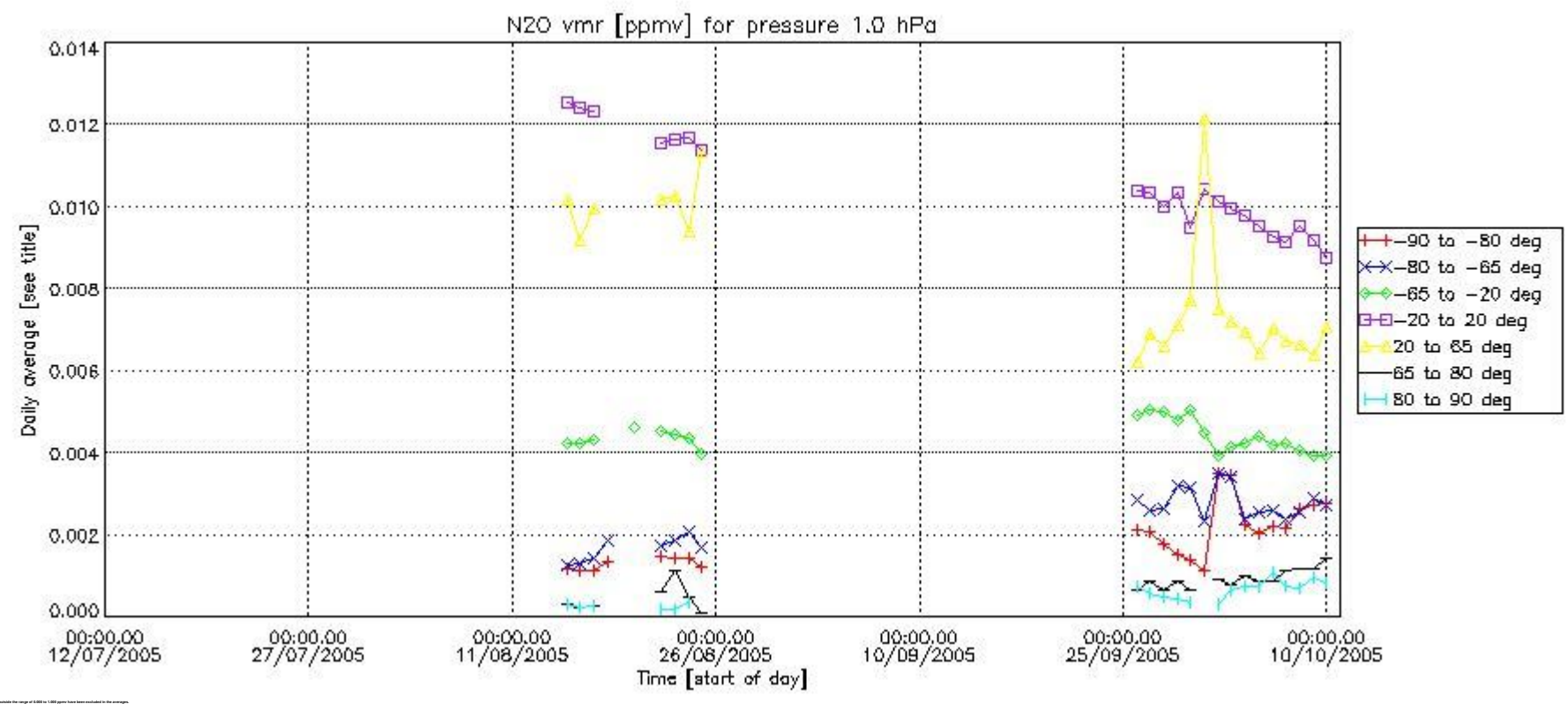
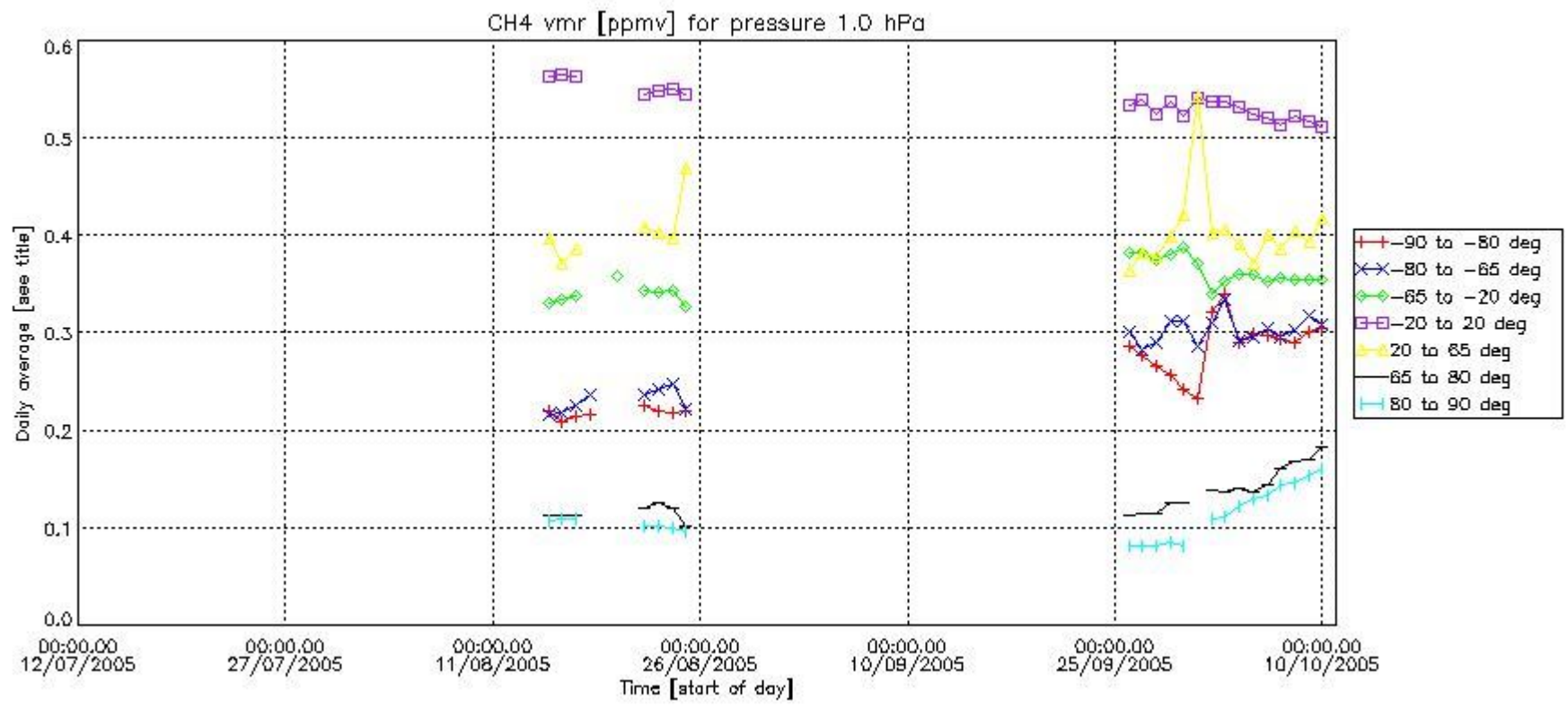


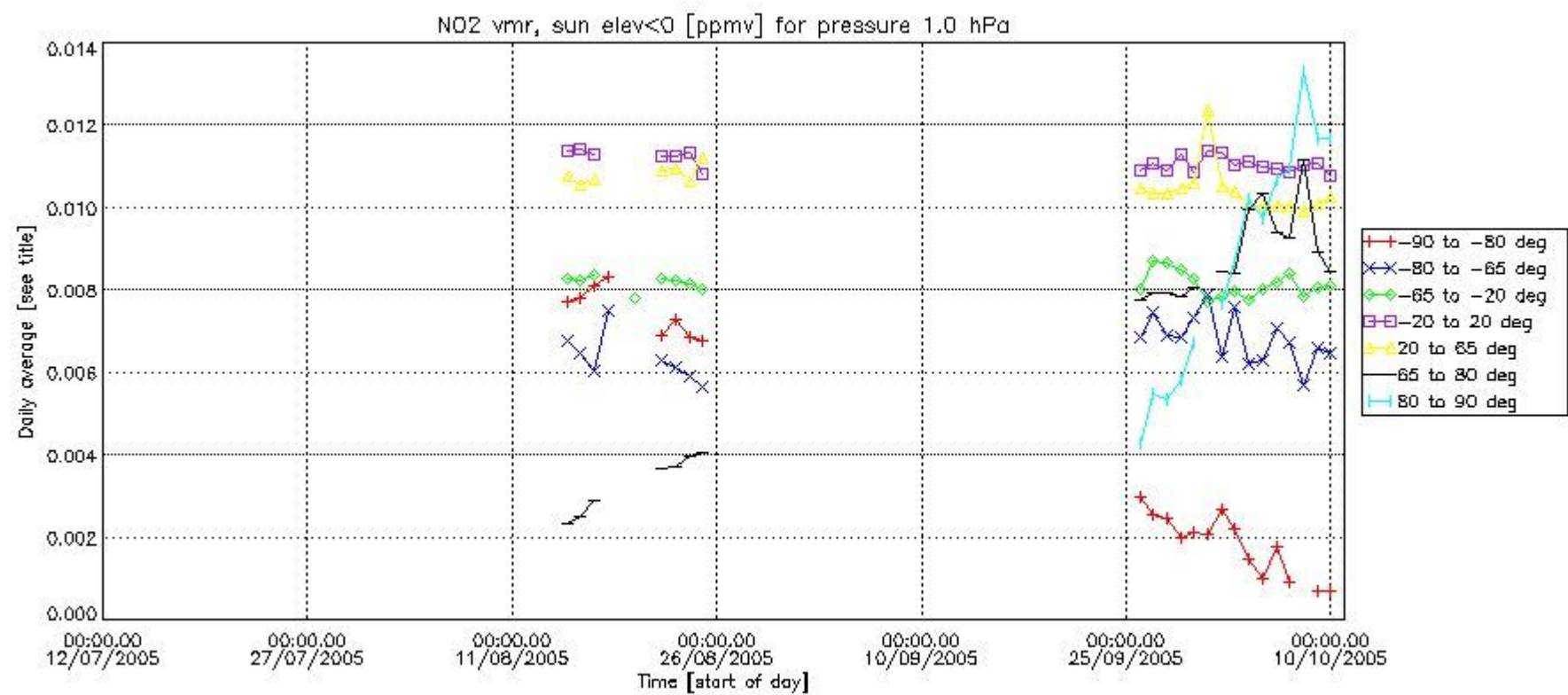
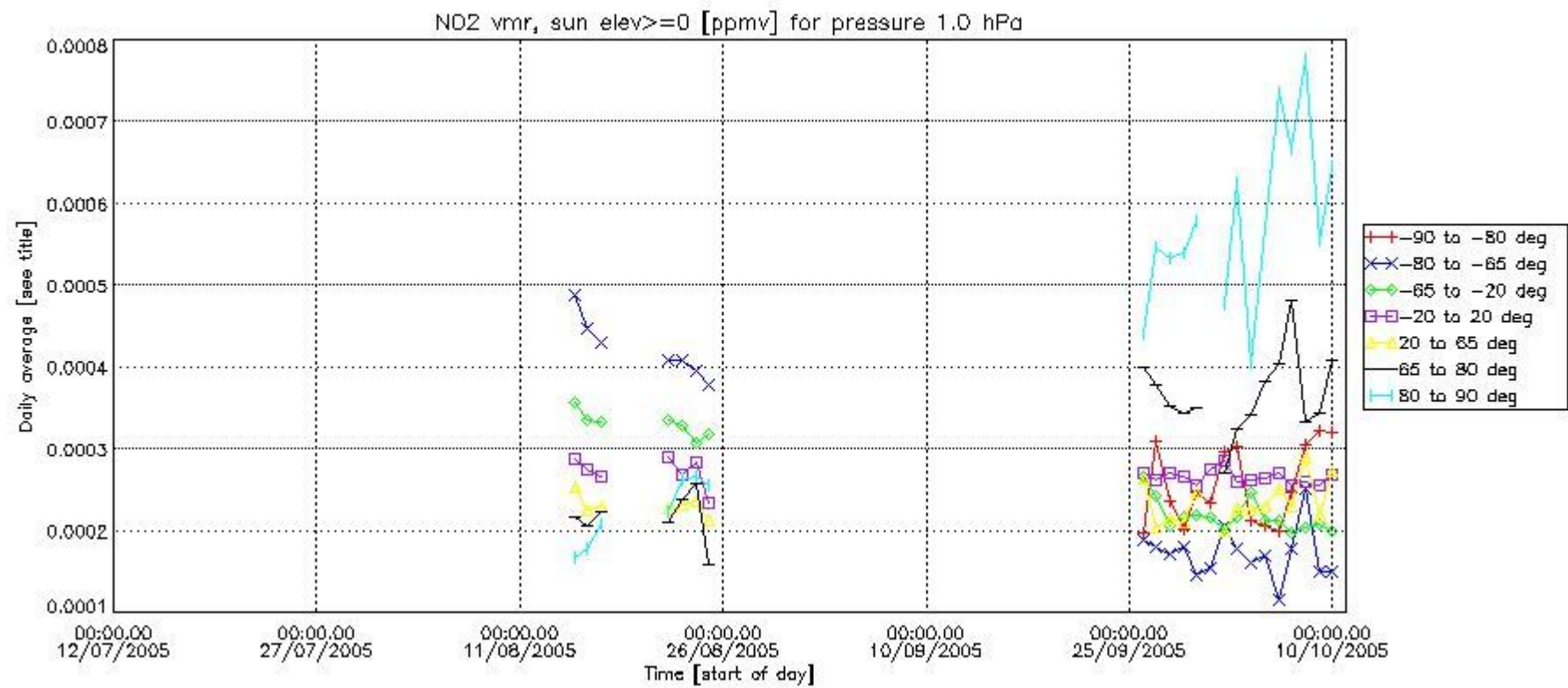


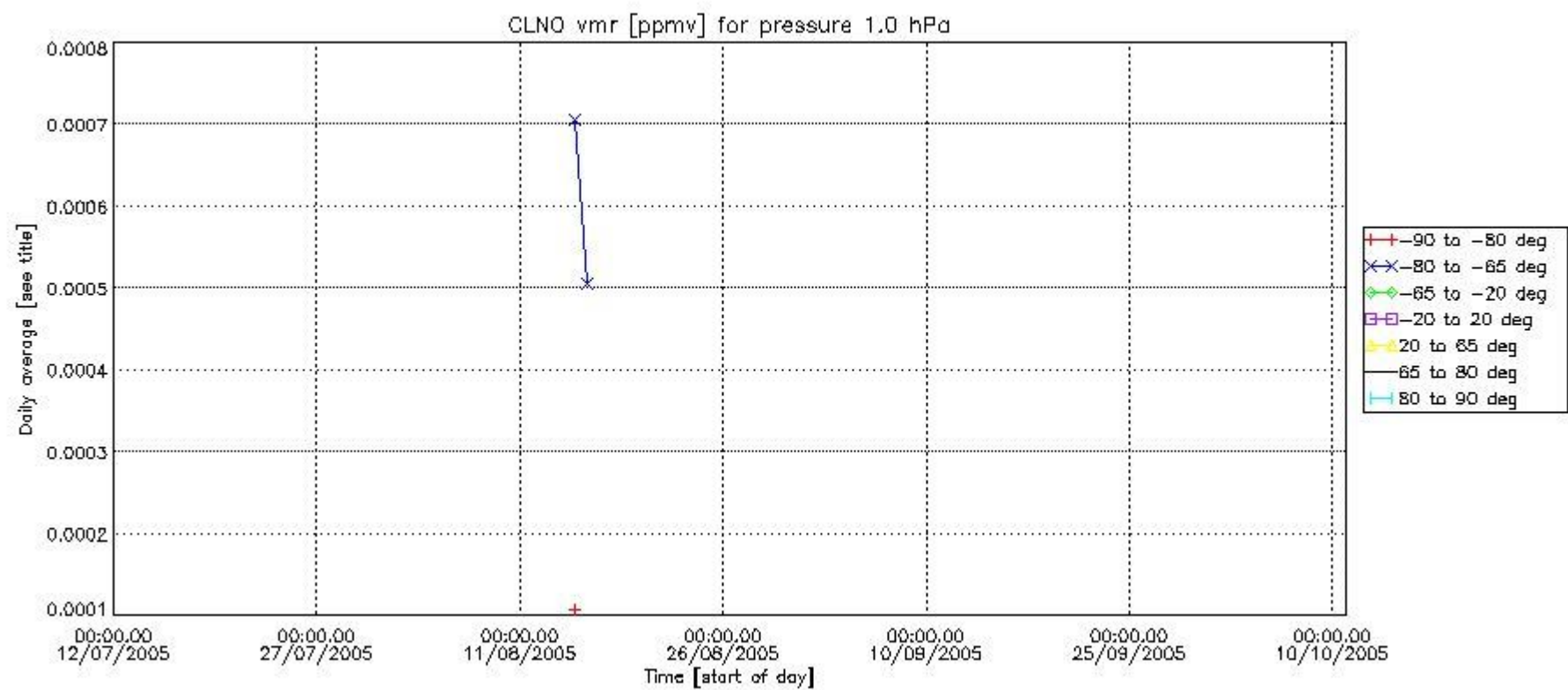
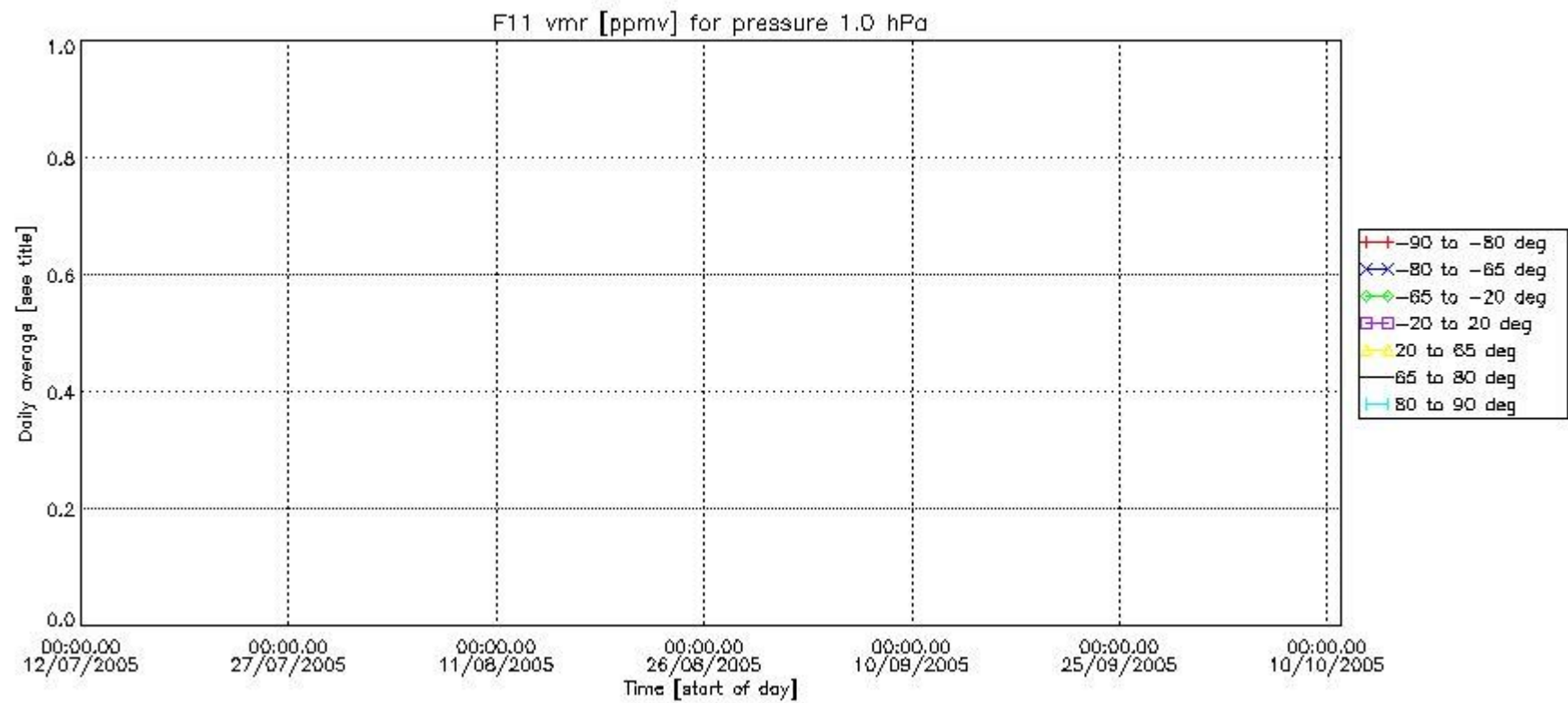


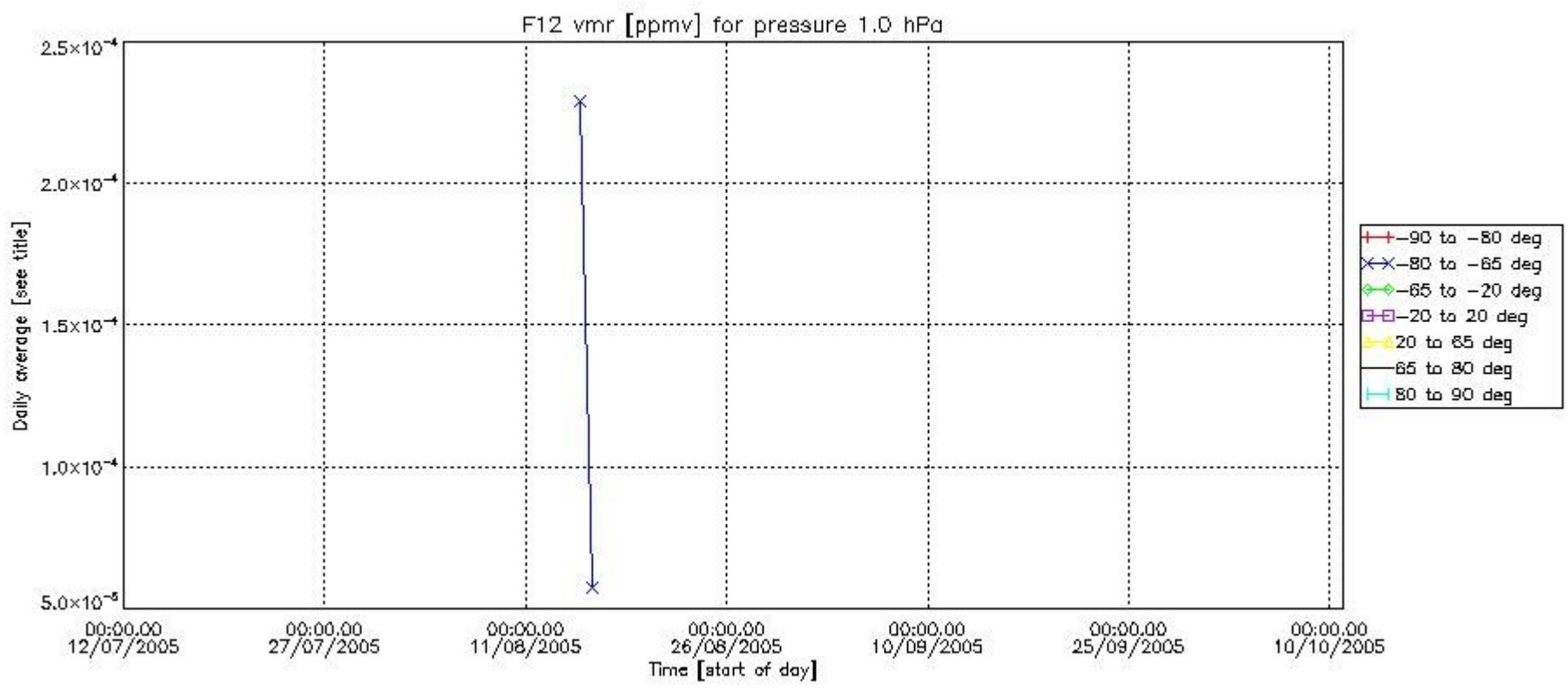
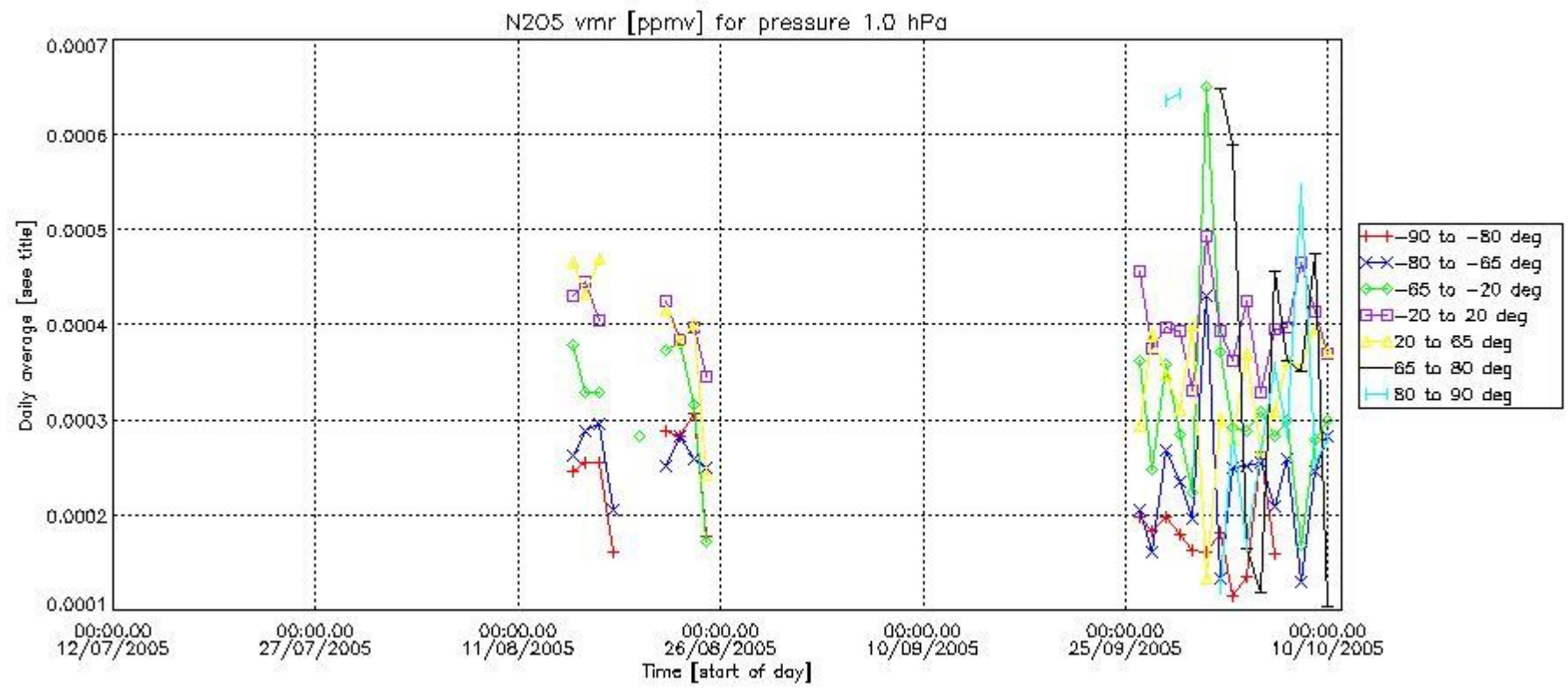


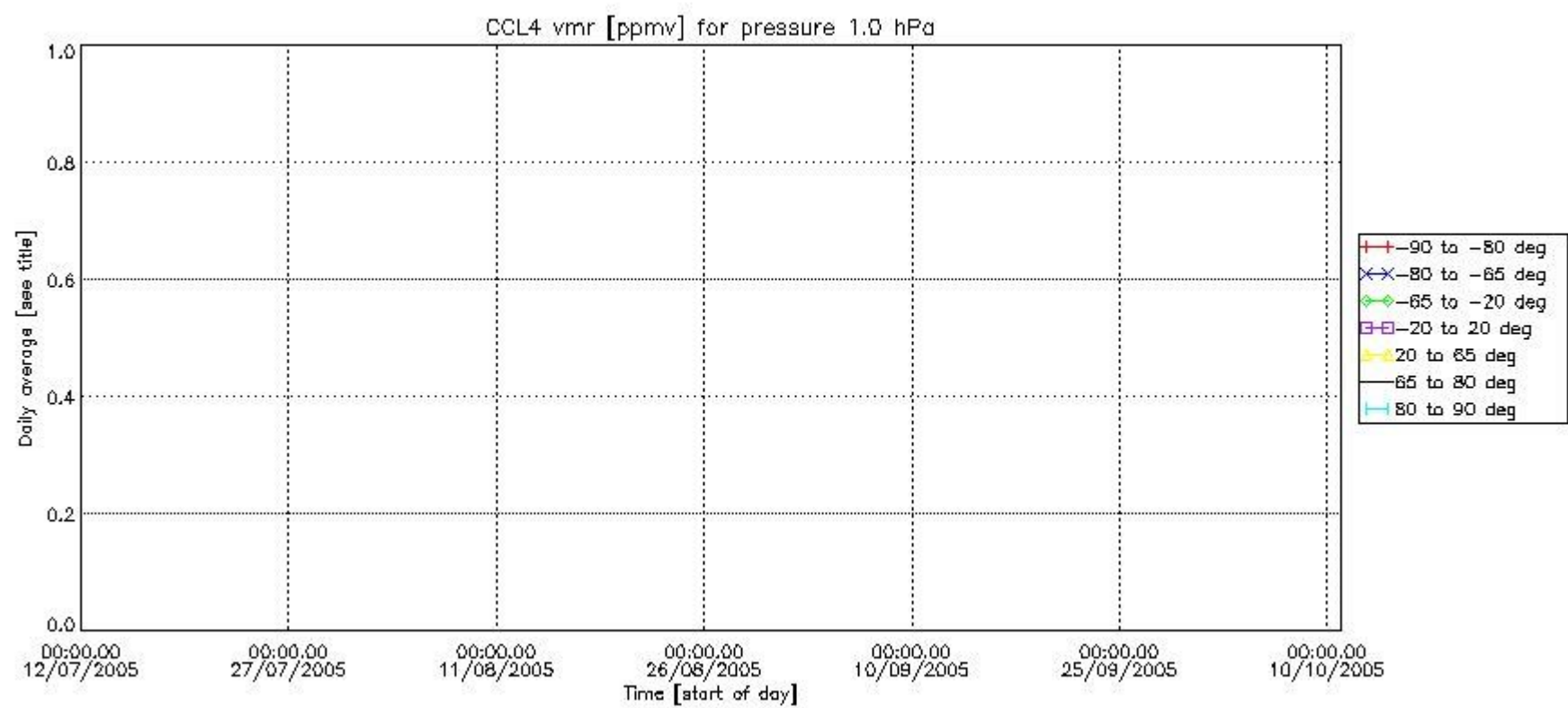
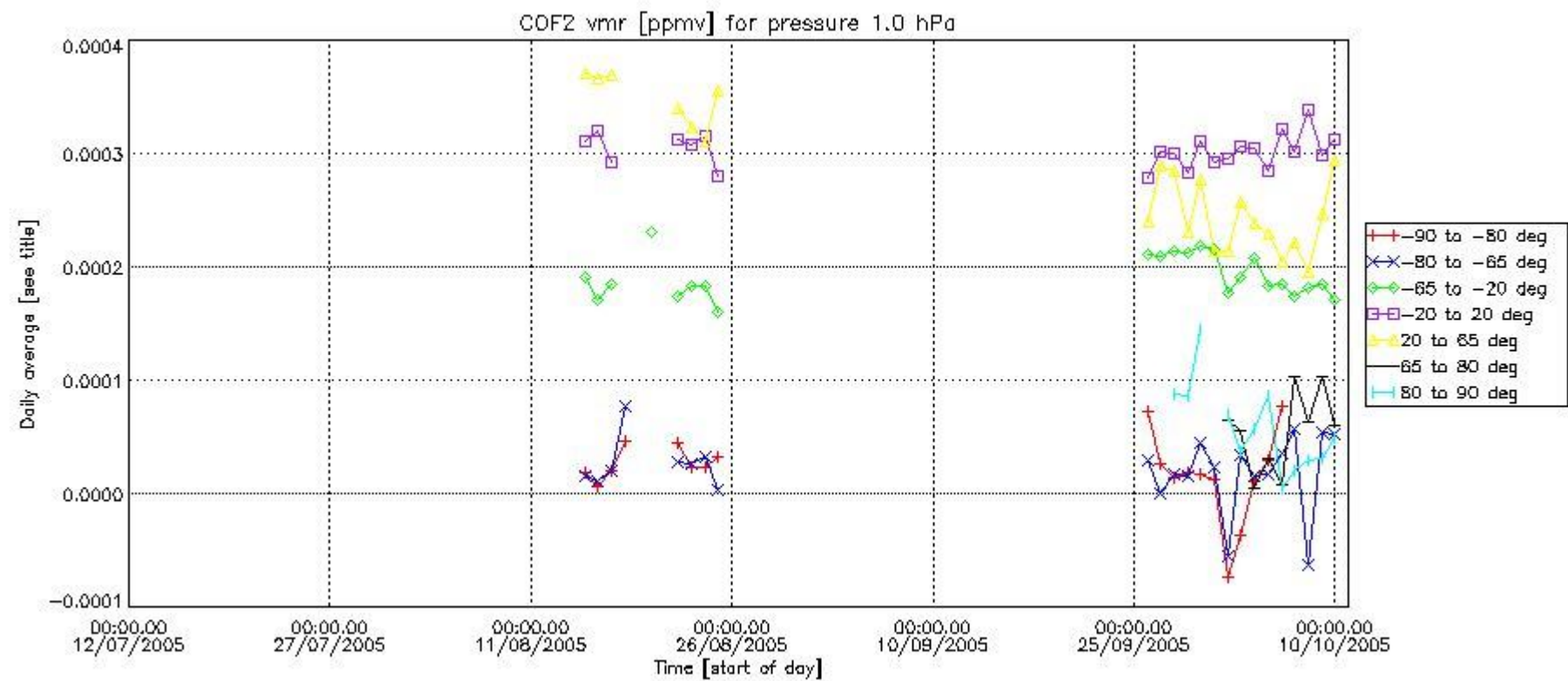


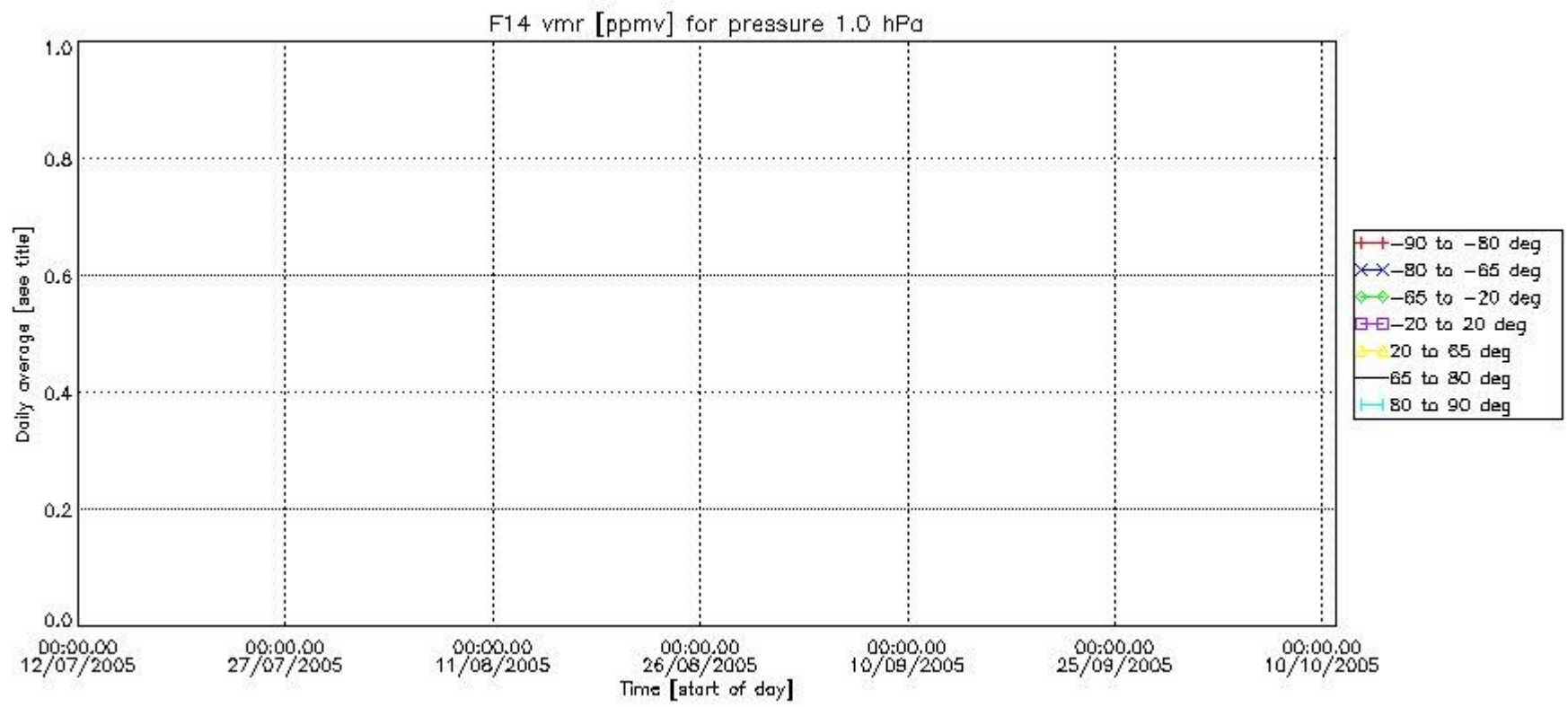
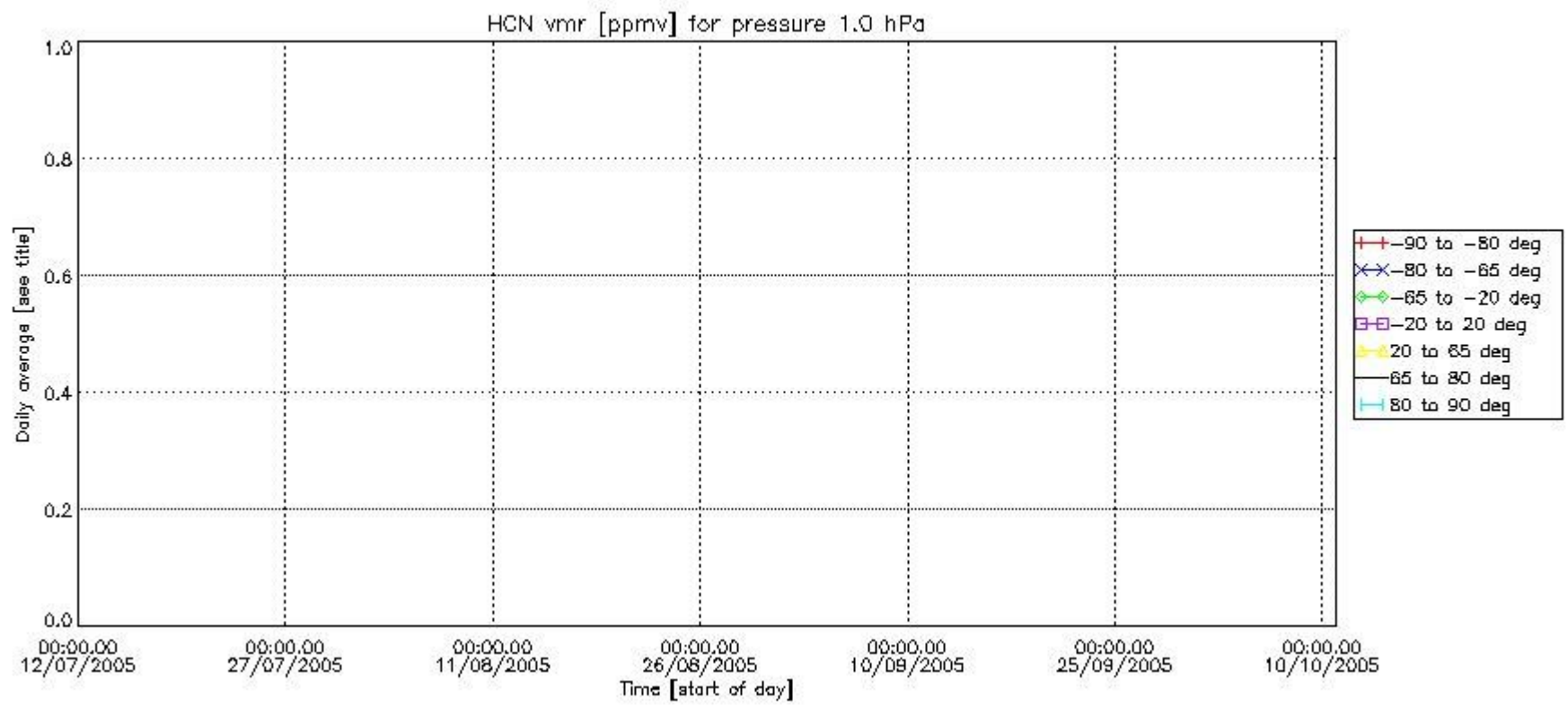


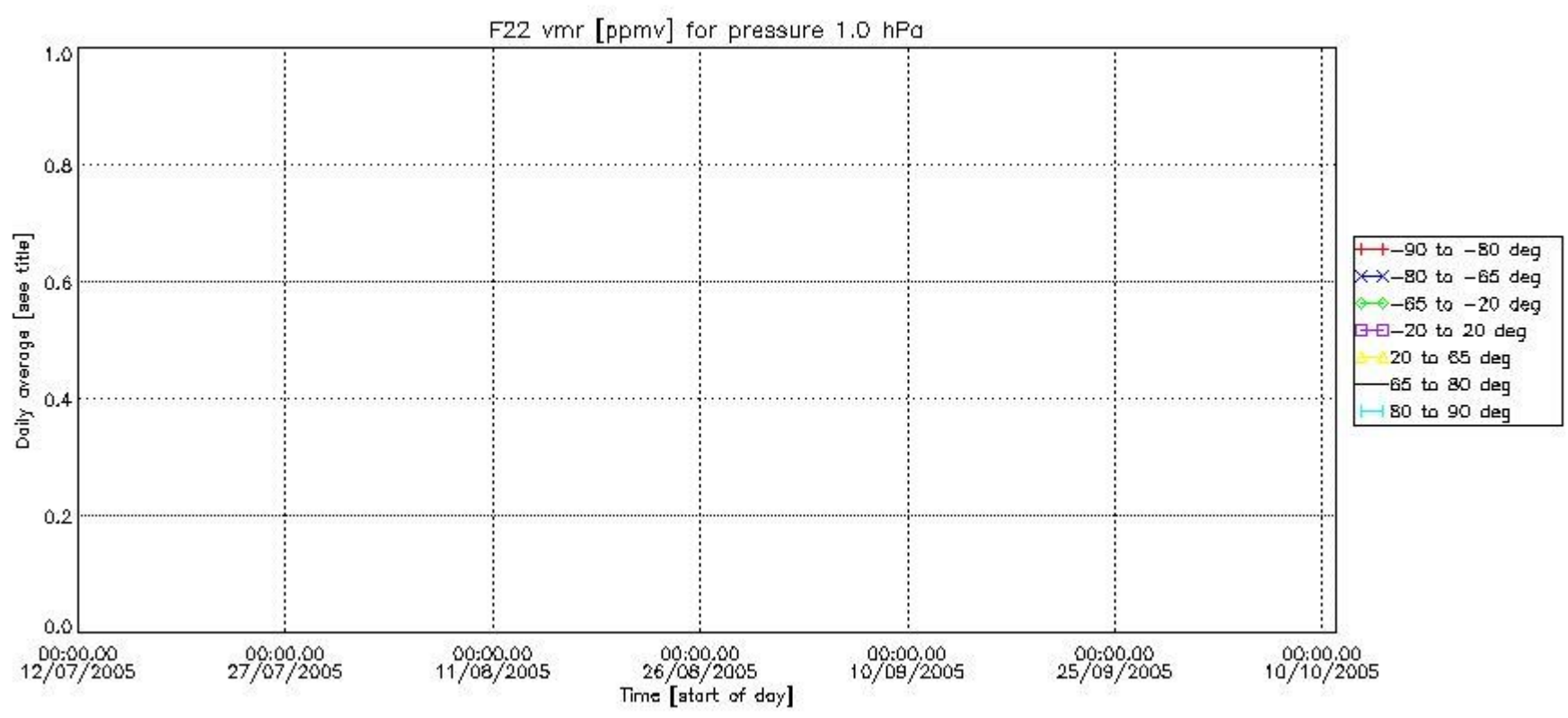












Number of successful retrievals vs. geolocation (*=day side , triangle=night side).

