

2. MIPAS Daily Report for level 2 products summary report

(See [mipas_daily_report_level2_ML2PP_7_03_W_20051014.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 15:41:48
Data source version	ML2PP/7.03-W
Processing scope for products	14OCT2005 00:00:00 to 15OCT2005 00:00:00
Start time of first product within scope	13OCT2005 22:46:13
Stop time of last product within scope	15OCT2005 01:35:47
Total number of level 2 products	10
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__2PWDSI20051013_224613_000060362041_00345_18936_1000.N1	13OCT2005 22:46:13	14OCT2005 00:26:48	0	133/133	
1	MIP_NL__2PWDSI20051014_002655_000005062041_00346_18937_1000.N1	14OCT2005 00:26:55	14OCT2005 00:35:20	0	11/11	
2	MIP_NL__2PWDSI20051014_071252_000057672041_00350_18941_1000.N1	14OCT2005 07:12:52	14OCT2005 08:48:58	0	103/103	VMR_TERM_MACRO_MICRO[HCN/macro:1; HCN/micro:2]
3	MIP_NL__2PWDSI20051014_084948_000060302041_00351_18942_1000.N1	14OCT2005 08:49:48	14OCT2005 10:30:18	0	128/128	VMR_TERM_MACRO_MICRO[HCN/macro:1; F14/macro:1; HCN/micro:1]
4	MIP_NL__2PWDSI20051014_103024_000060352041_00352_18943_1000.N1	14OCT2005 10:30:24	14OCT2005 12:11:00	0	133/133	
5	MIP_NL__2PWDSI20051014_121106_000005062041_00353_18944_1000.N1	14OCT2005 12:11:06	14OCT2005 12:19:32	0	11/11	
6	MIP_NL__2PWDSI20051014_185703_000057672041_00357_18948_1000.N1	14OCT2005 18:57:03	14OCT2005 20:33:10	0	103/103	VMR_TERM_MACRO_MICRO[F14/macro:1]
7	MIP_NL__2PWDSI20051014_203400_000060302041_00358_18949_1000.N1	14OCT2005 20:34:00	14OCT2005 22:14:29	0	128/128	VMR_TERM_MACRO_MICRO[F14/macro:1]
8	MIP_NL__2PWDSI20051014_221436_000060302041_00359_18950_1000.N1	14OCT2005 22:14:36	14OCT2005 23:55:05	0	128/128	VMR_TERM_MACRO_MICRO[HCN/macro:1; F14/macro:1; HCN/micro:2]
9	MIP_NL__2PWDSI20051014_235512_000060352041_00360_18951_1000.N1	14OCT2005 23:55:12	15OCT2005 01:35:47	0	133/133	VMR_TERM_MACRO_MICRO[F14/macro:1]

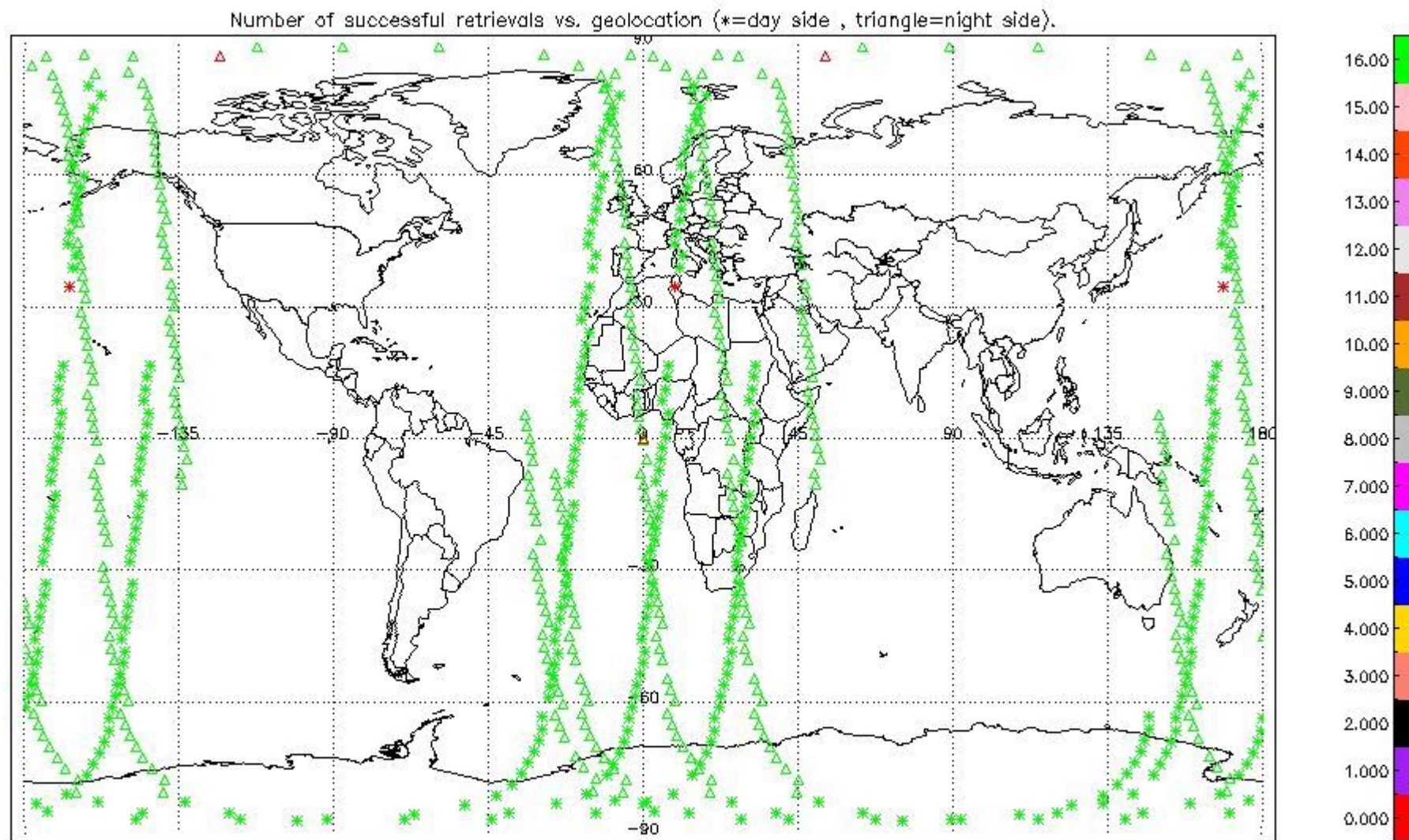
2.2 Processing performance indicators

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.

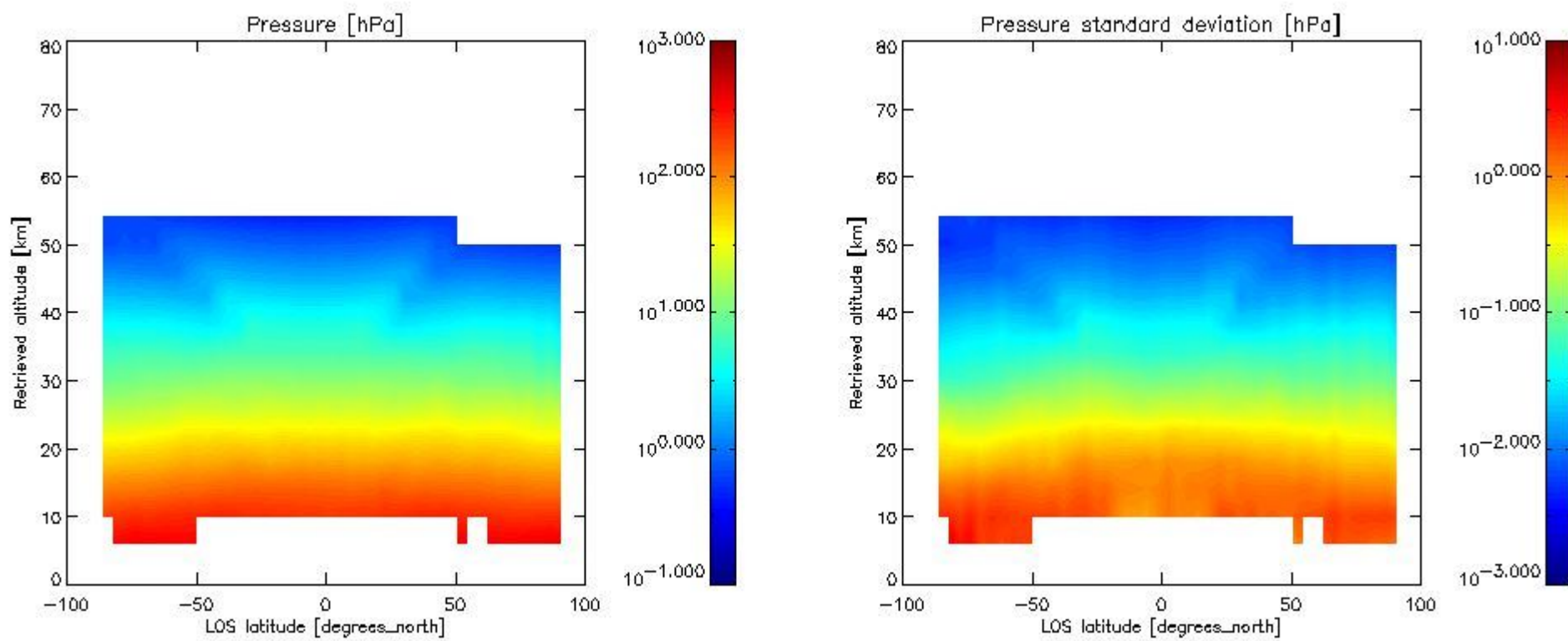
RETRIEVAL MDS	# scans processed	# Successful retrievals	%
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PT	1011	777	76.855
H2O	1011	777	76.855
O3	1011	777	76.855
HNO3	1011	777	76.855
CH4	1011	777	76.855
N2O	1011	777	76.855
NO2	1011	777	76.855
F11	1011	777	76.855
CLNO	1011	777	76.855
N2O5	1011	777	76.855
F12	1011	777	76.855
COF2	1011	777	76.855
CCL4	1011	777	76.855
HCN	1011	777	76.855
F14	1011	777	76.855
F22	1011	777	76.855



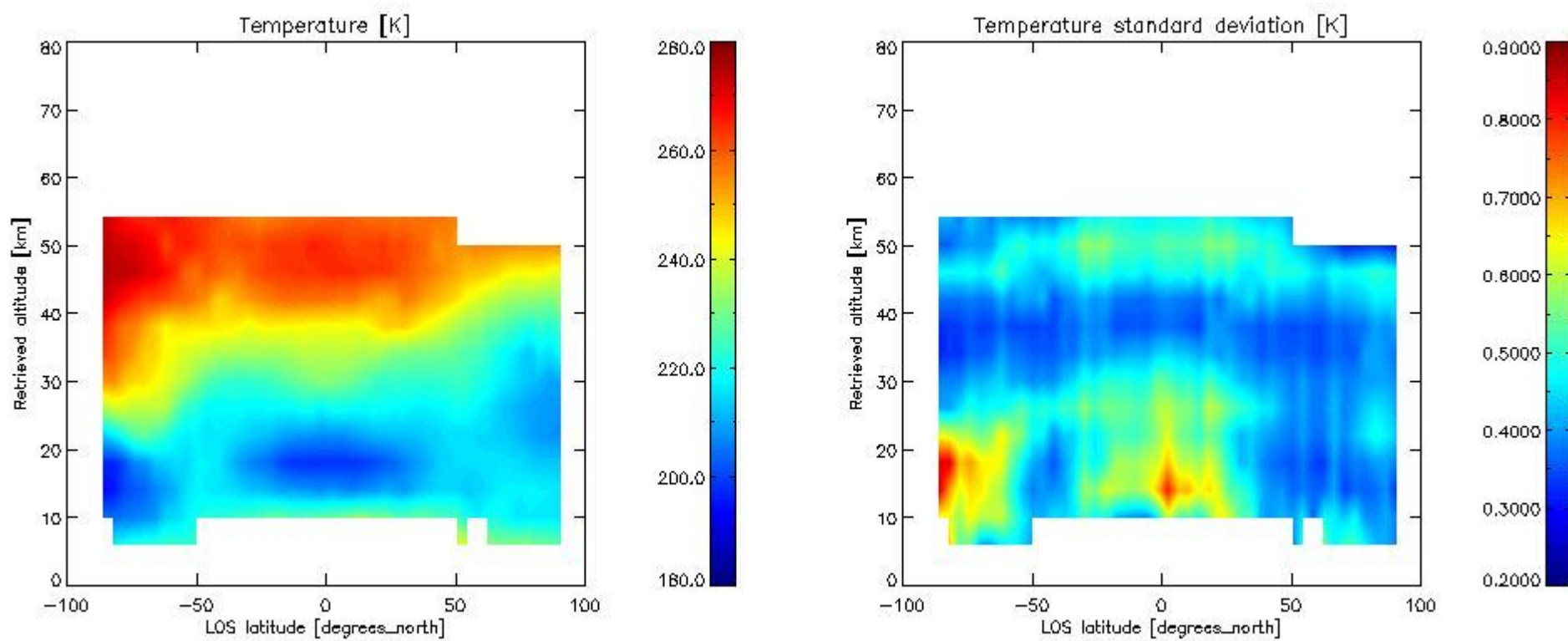
2.2.2 Pressure overview

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



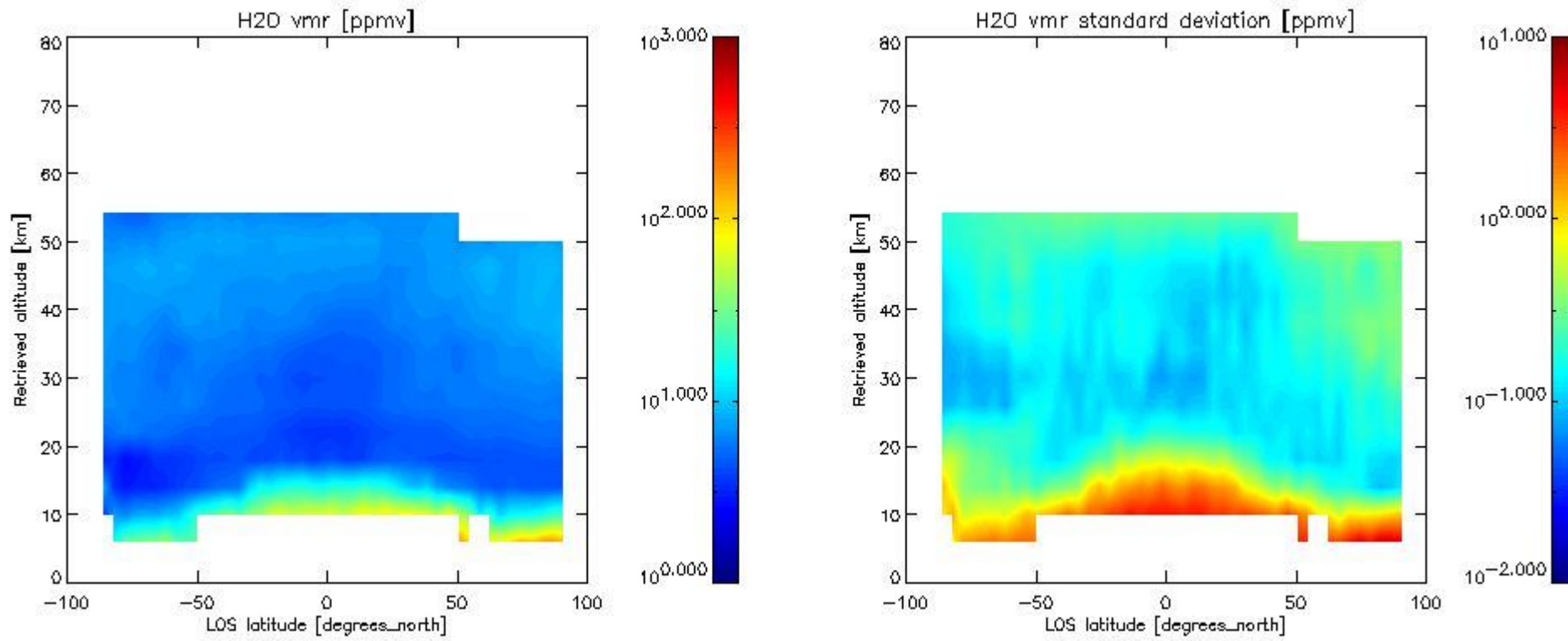
2.2.3 Temperature overview

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

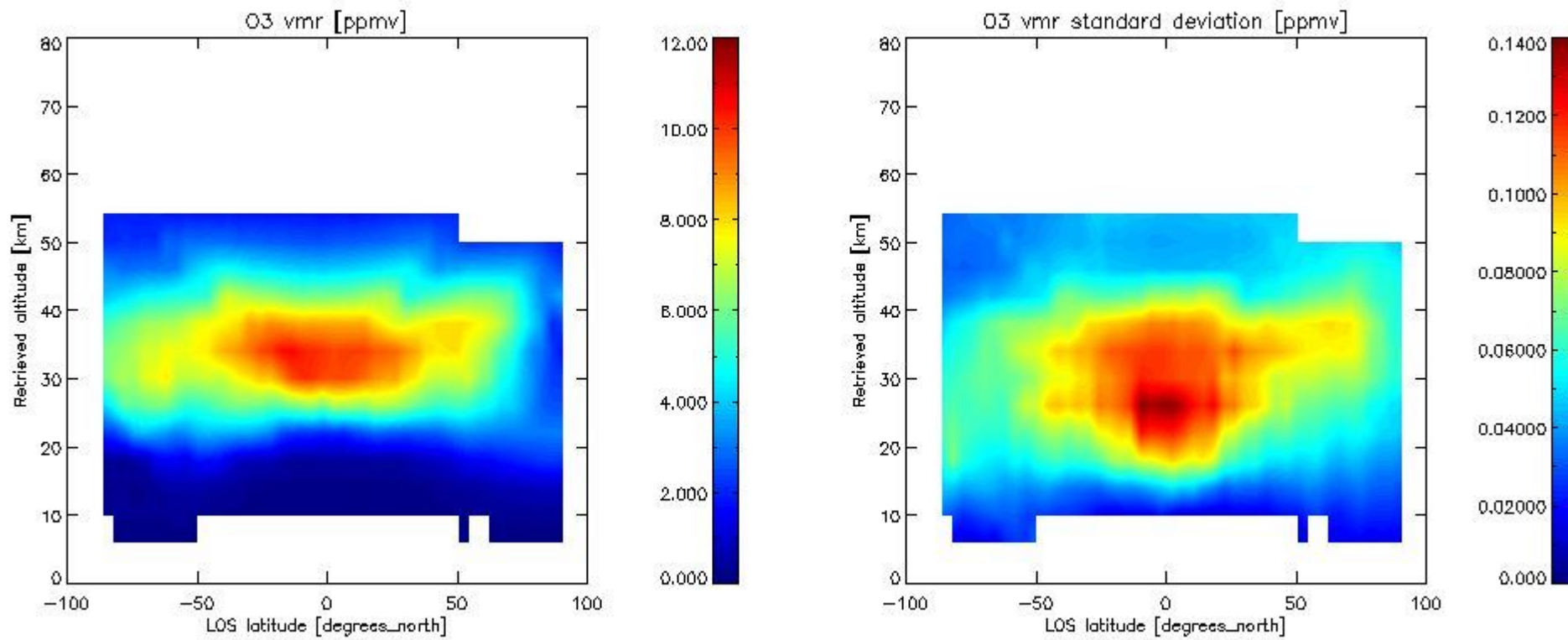


2.2.4 Species overview

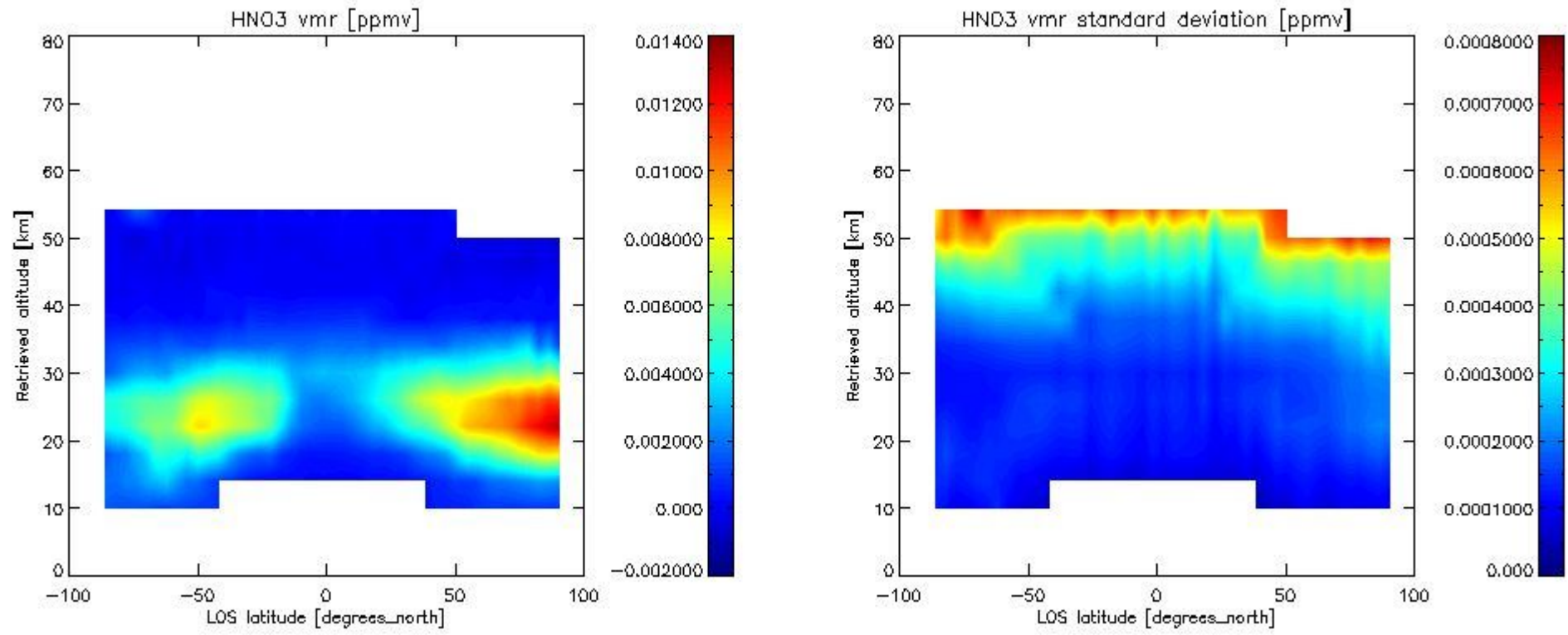
2.2.4.1 H2O overview This section shows values (left) and error (right) for H2O after binning individual sweep values over retrieved altitude and tangent latitude.



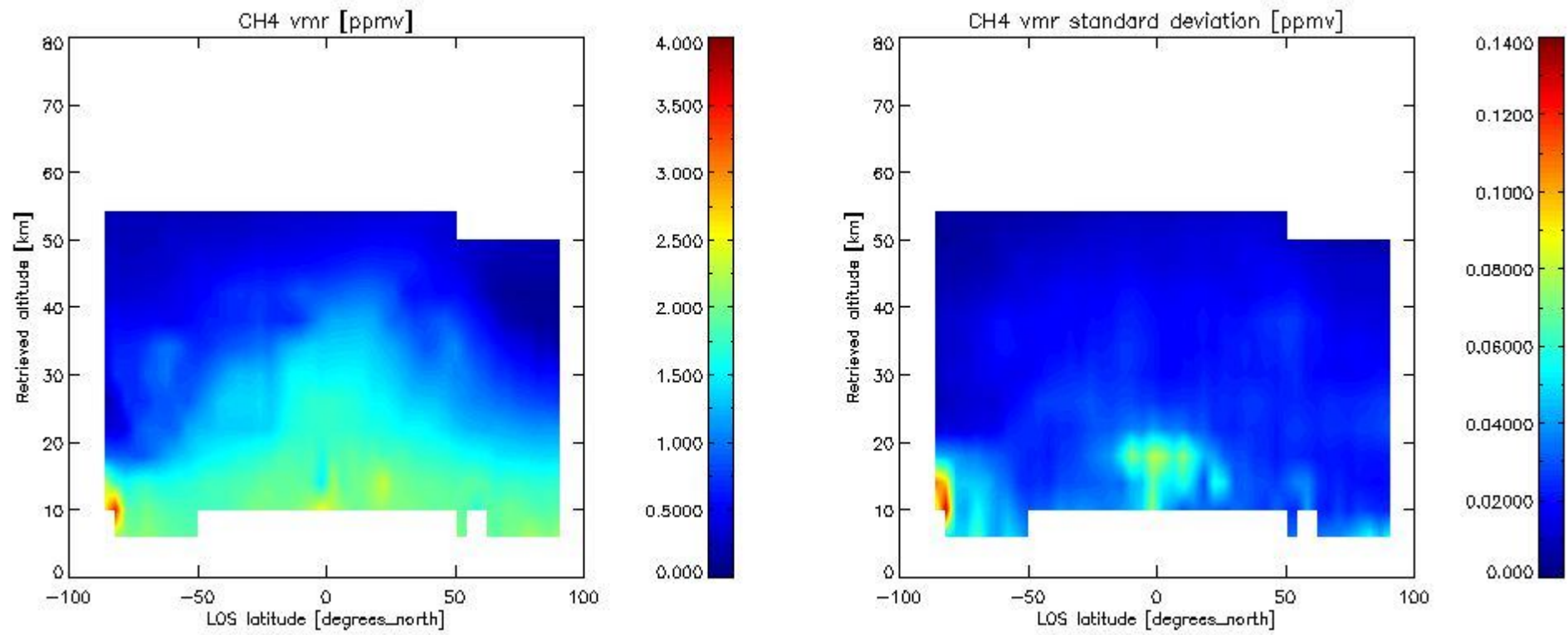
2.2.4.2 O₃ overview This section shows values (left) and error (right) for O₃ after binning individual sweep values over retrieved altitude and tangent latitude.



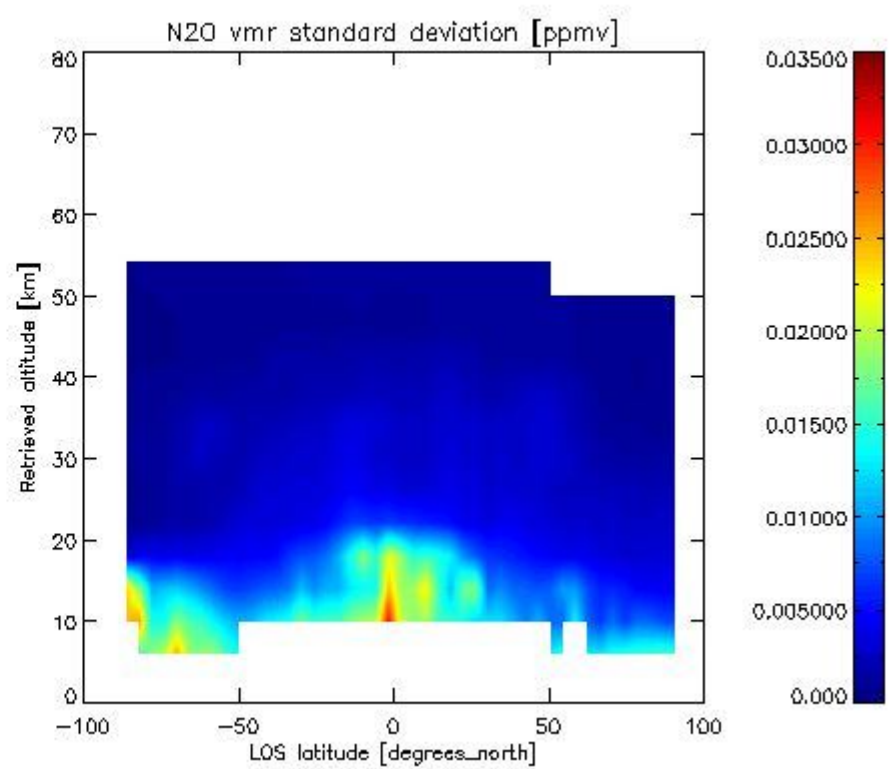
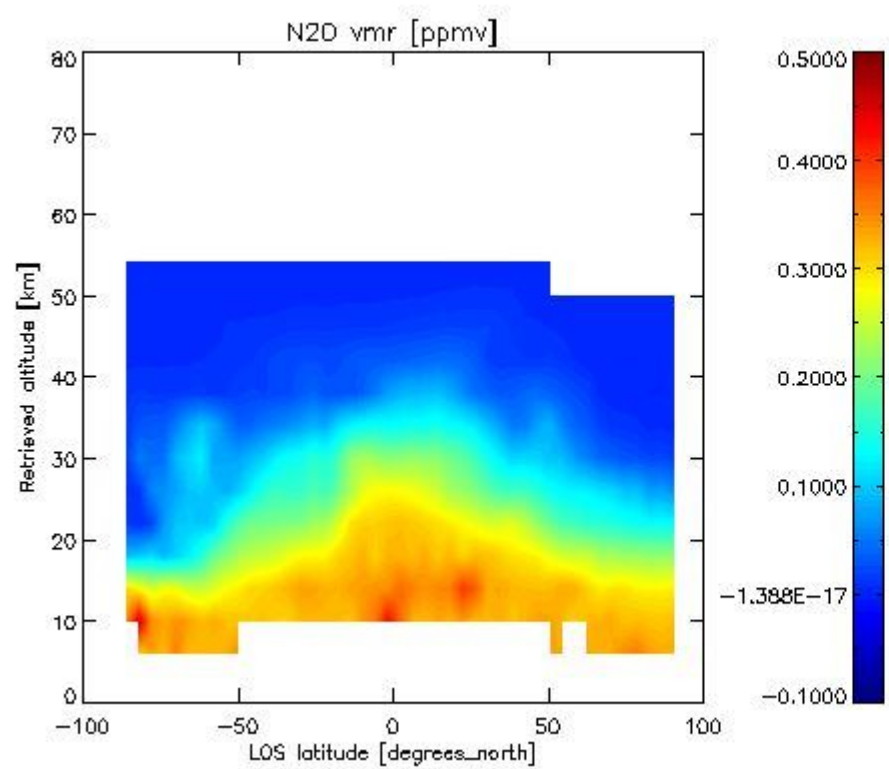
2.2.4.3 HNO₃ overview This section shows values (left) and error (right) for HNO₃ after binning individual sweep values over retrieved altitude and tangent latitude.



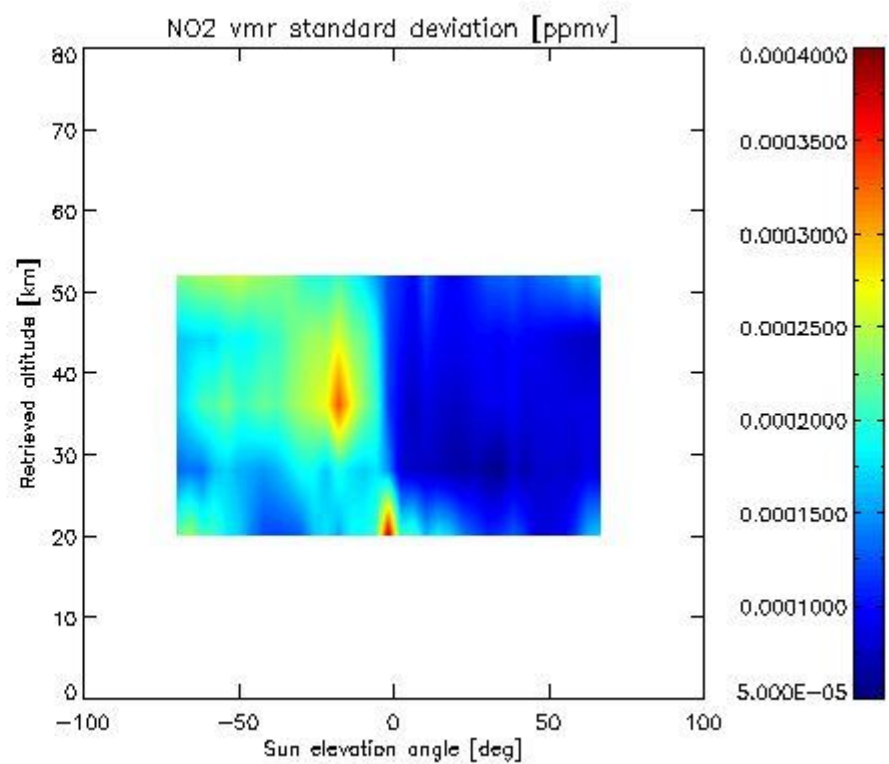
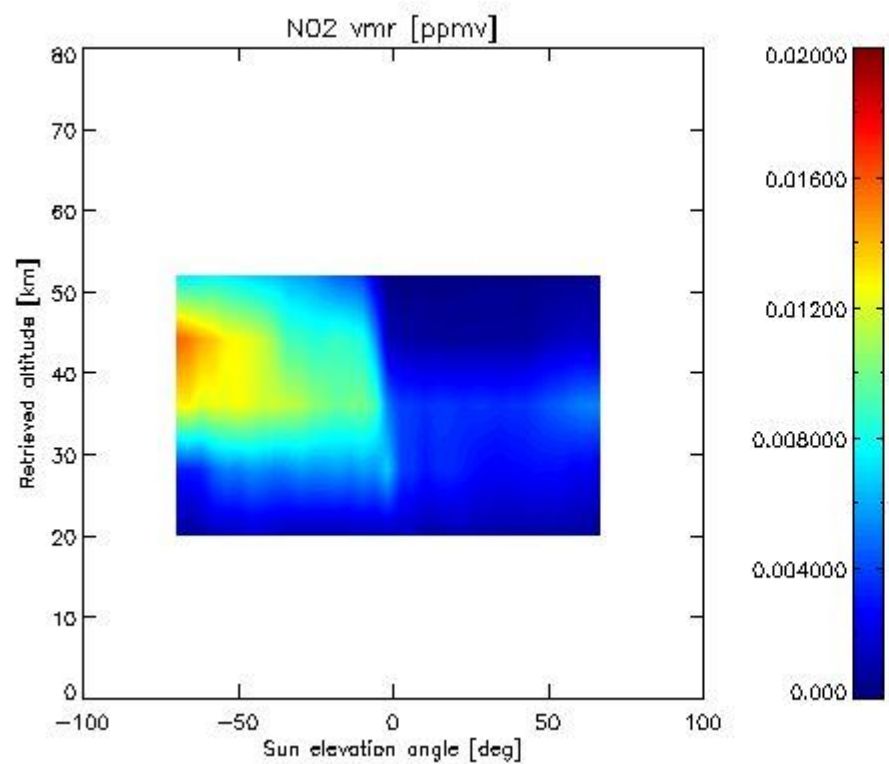
2.2.4.4 CH₄ overview This section shows values (left) and error (right) for CH₄ after binning individual sweep values over retrieved altitude and tangent latitude.



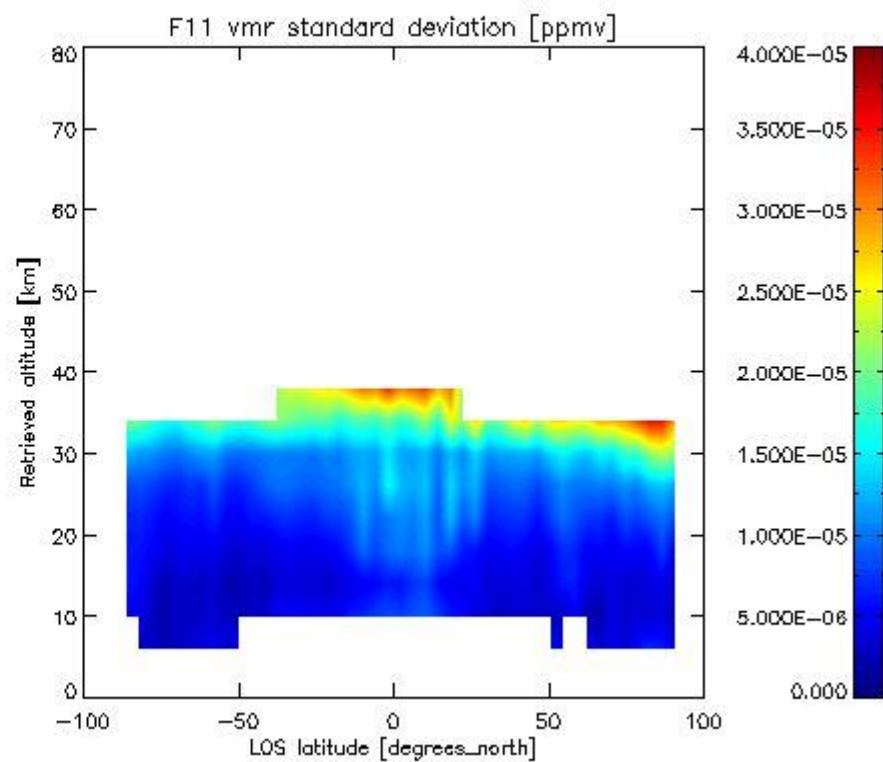
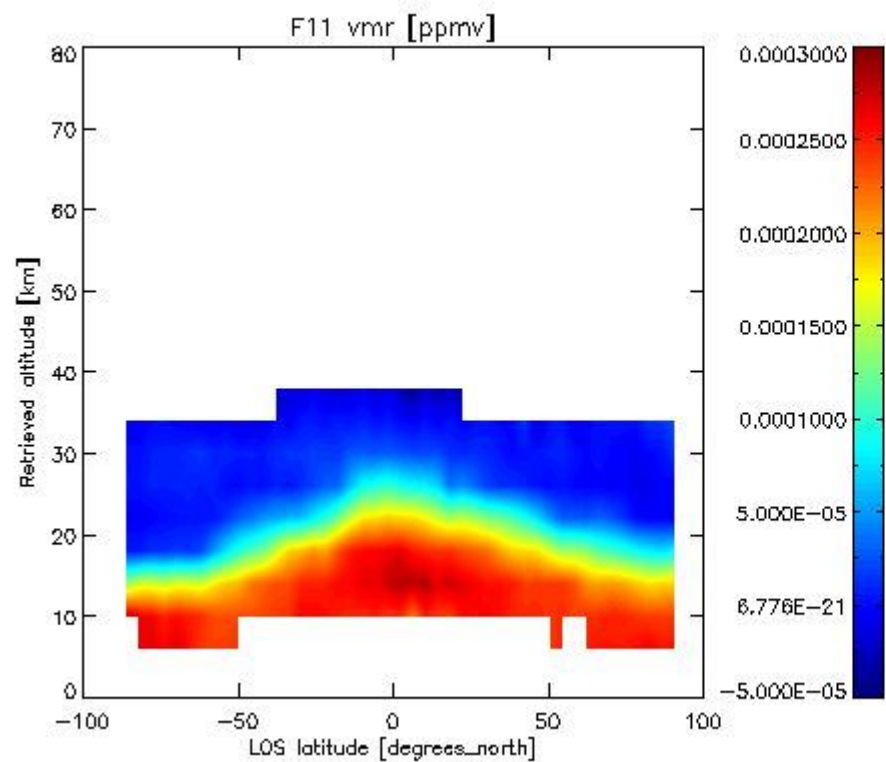
2.2.4.5 N₂O overview This section shows values (left) and error (right) for N₂O after binning individual sweep values over retrieved altitude and tangent latitude.



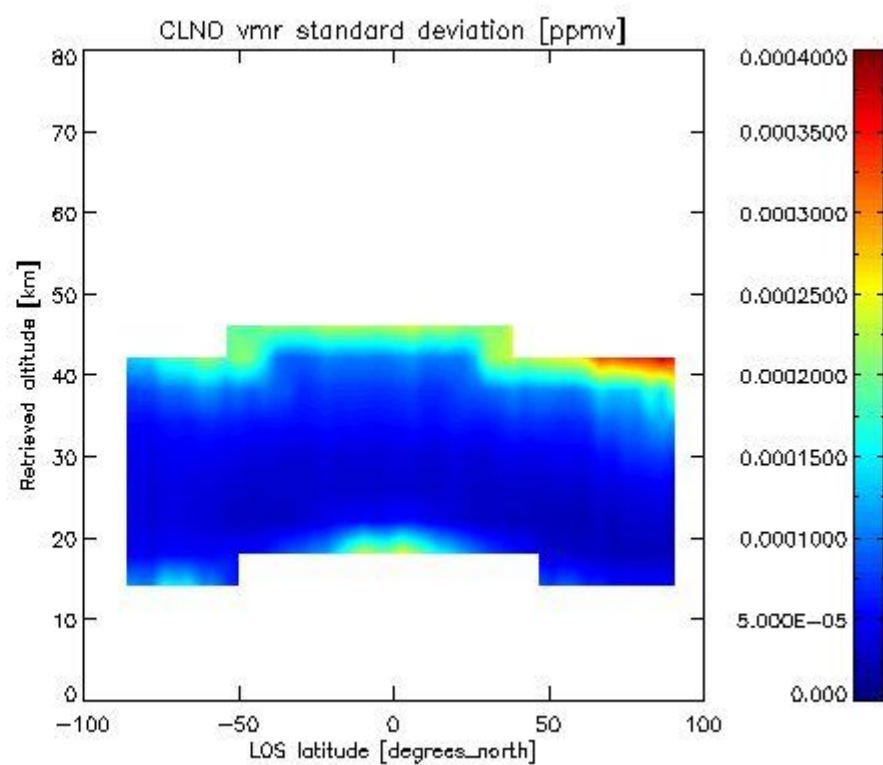
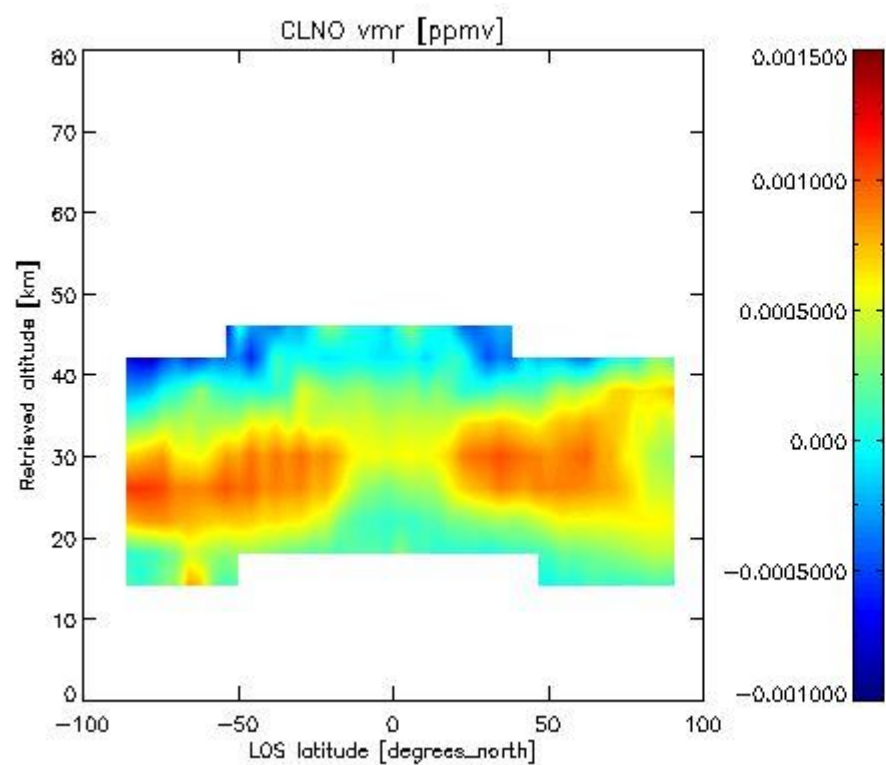
2.2.4.6 NO₂ overview This section shows values (left) and error (right) for NO₂ after binning individual sweep values over retrieved altitude and Sun Elevation Angle. Note that for NO₂ the bin heights are 8 km.

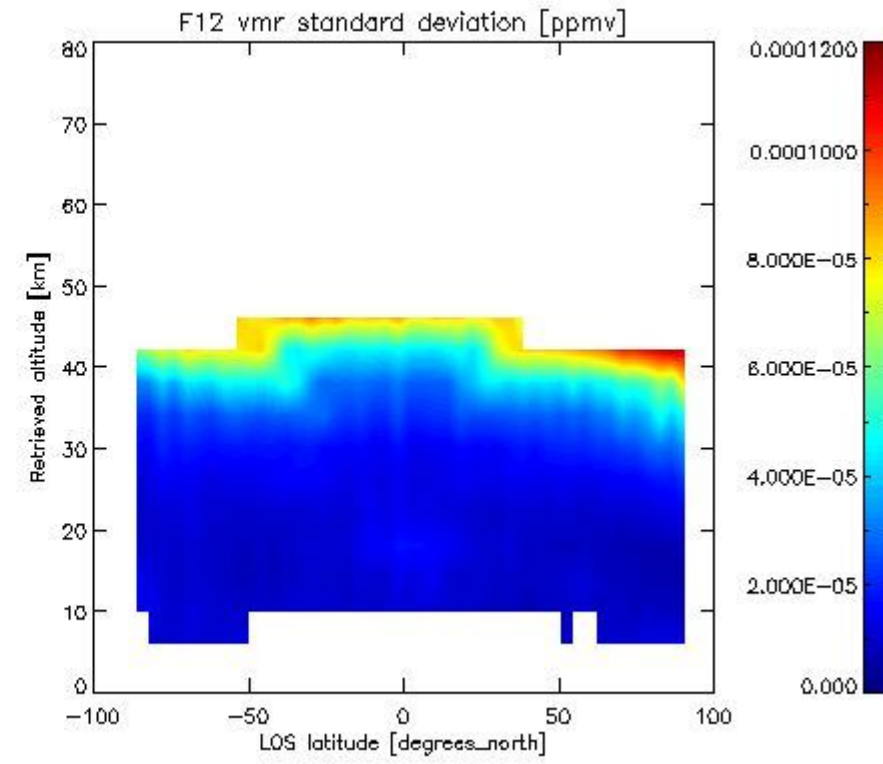
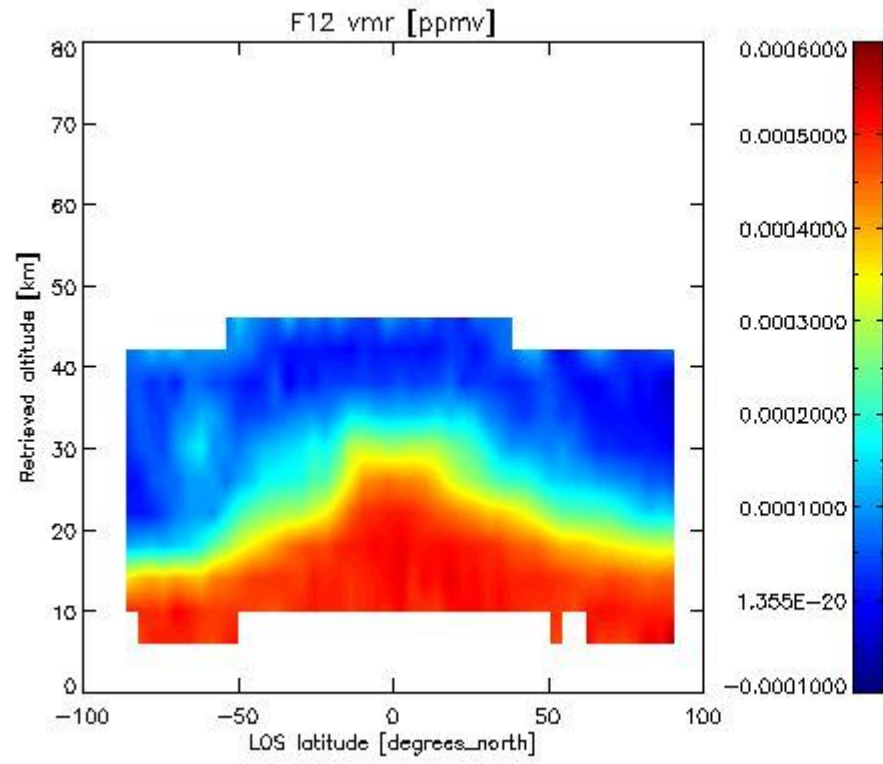
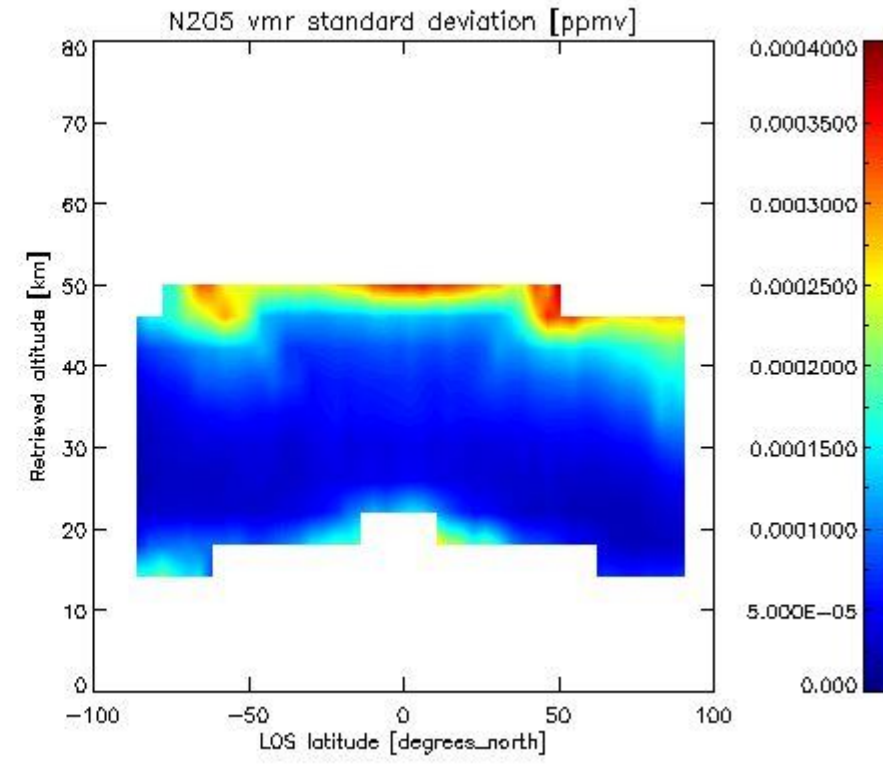
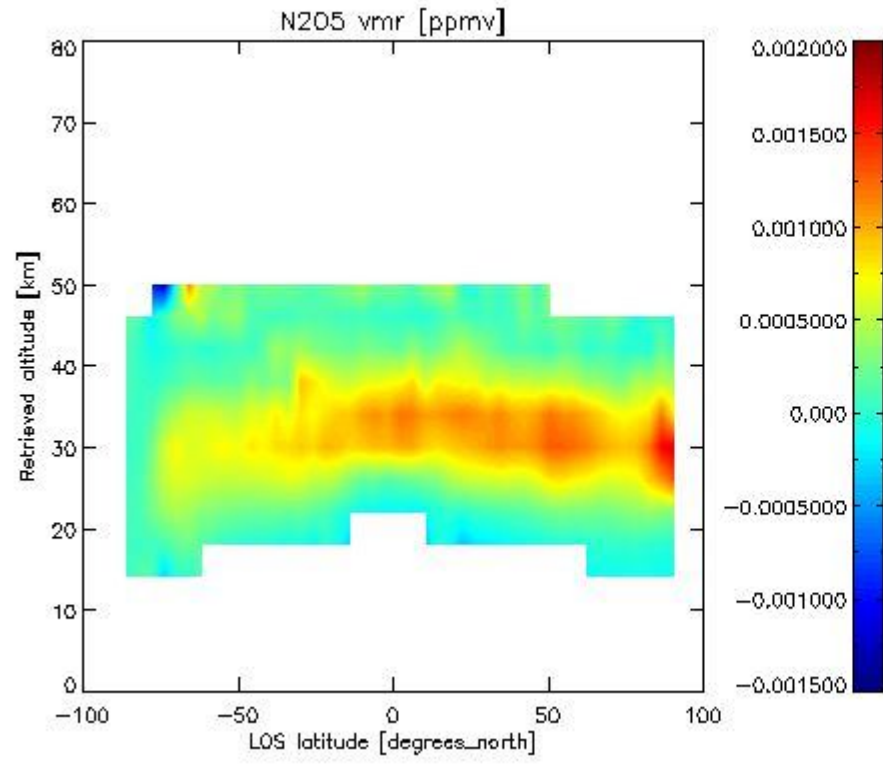


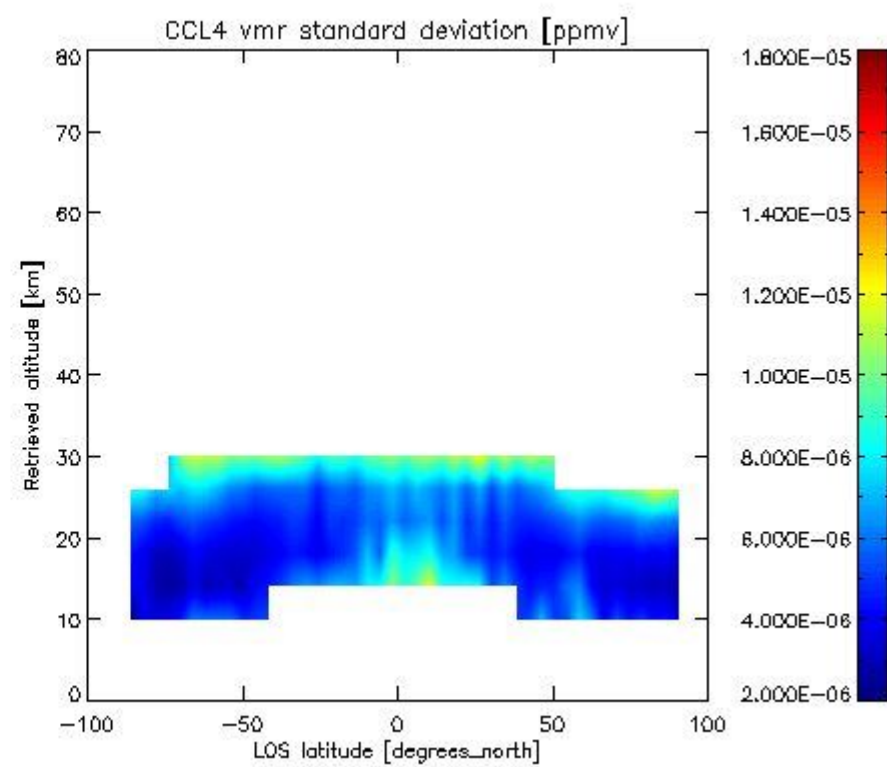
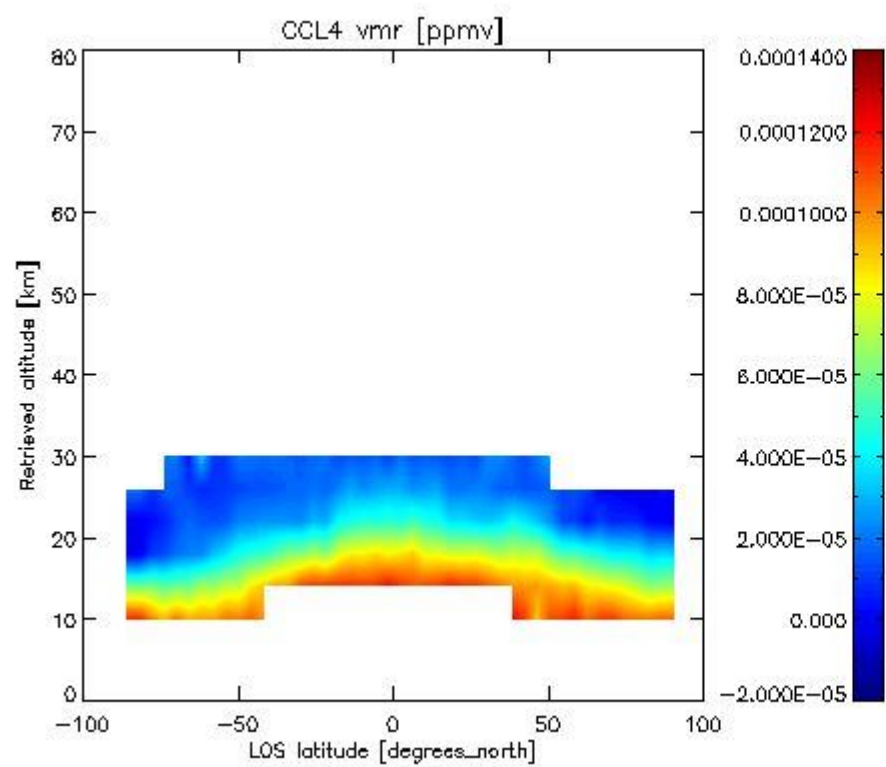
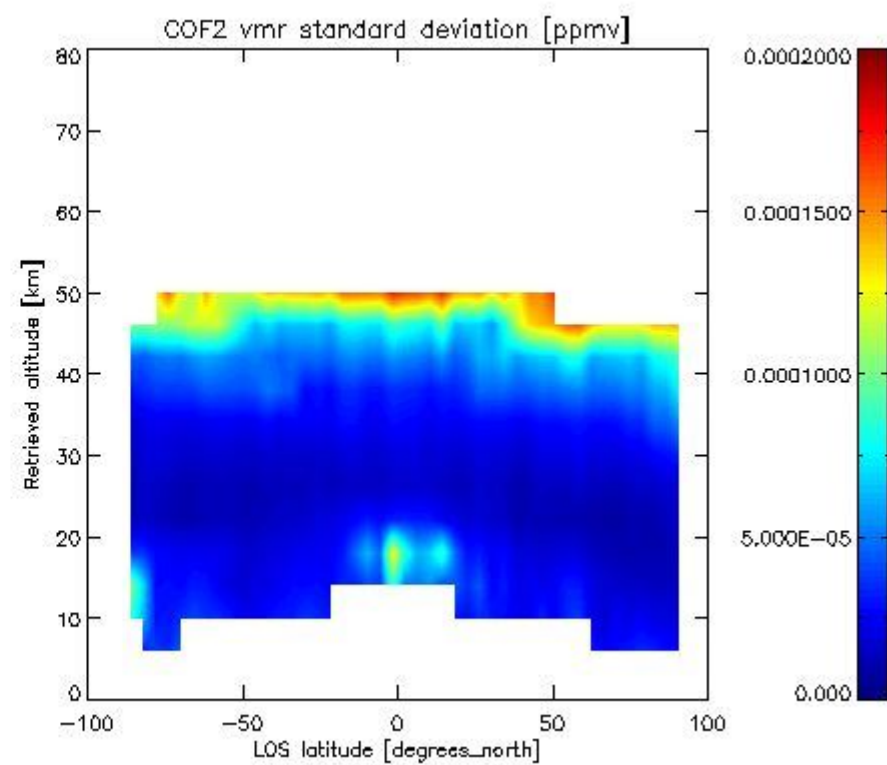
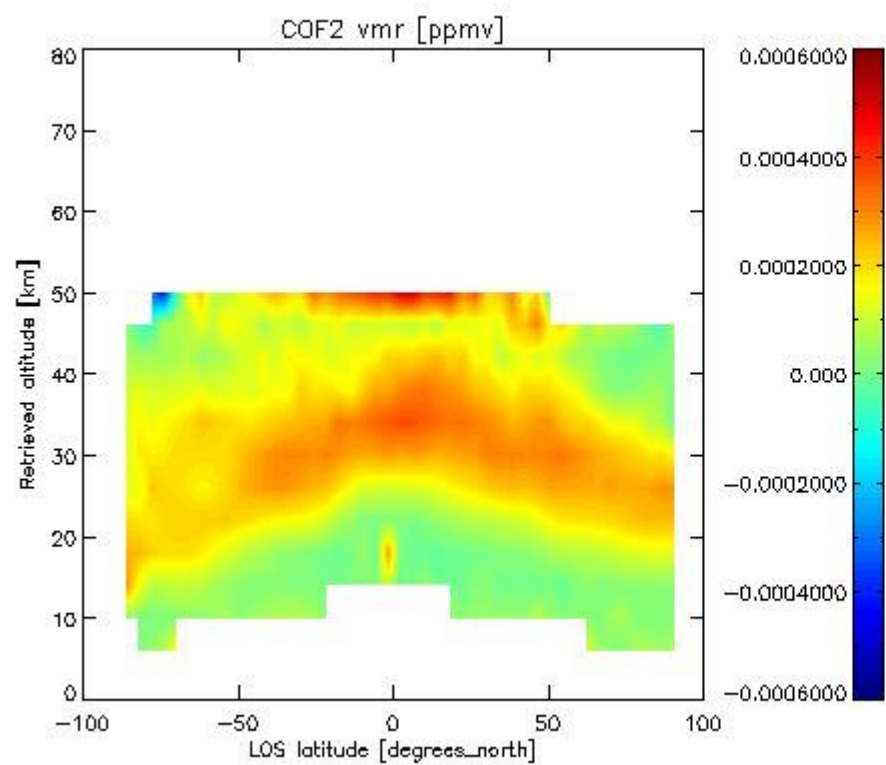
2.2.4.7 F11 overview This section shows values (left) and error (right) for F11 after binning individual sweep values over retrieved altitude and tangent latitude.

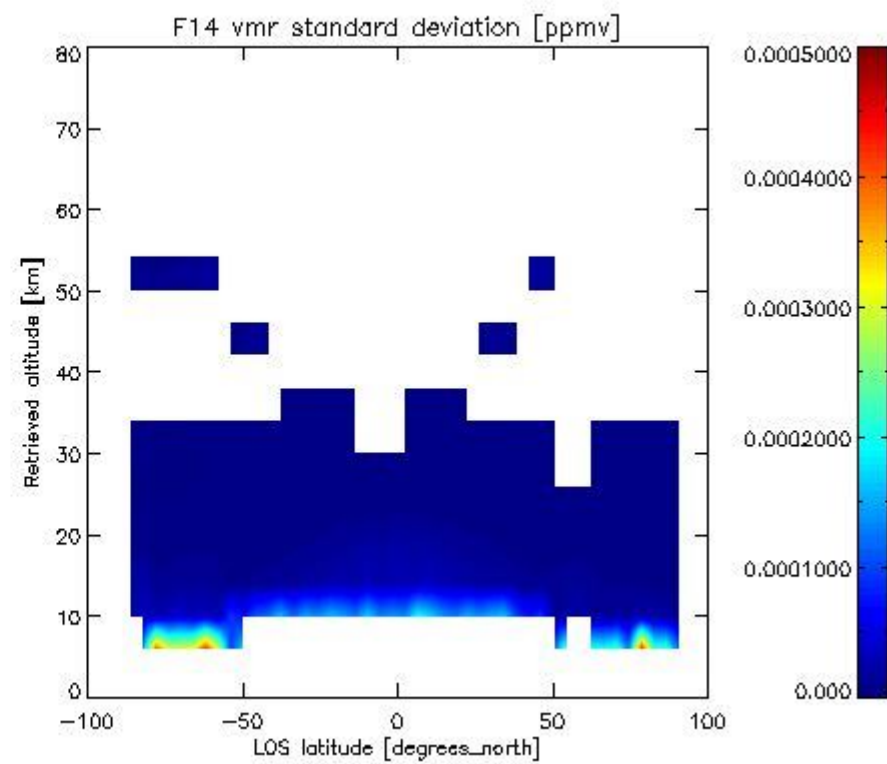
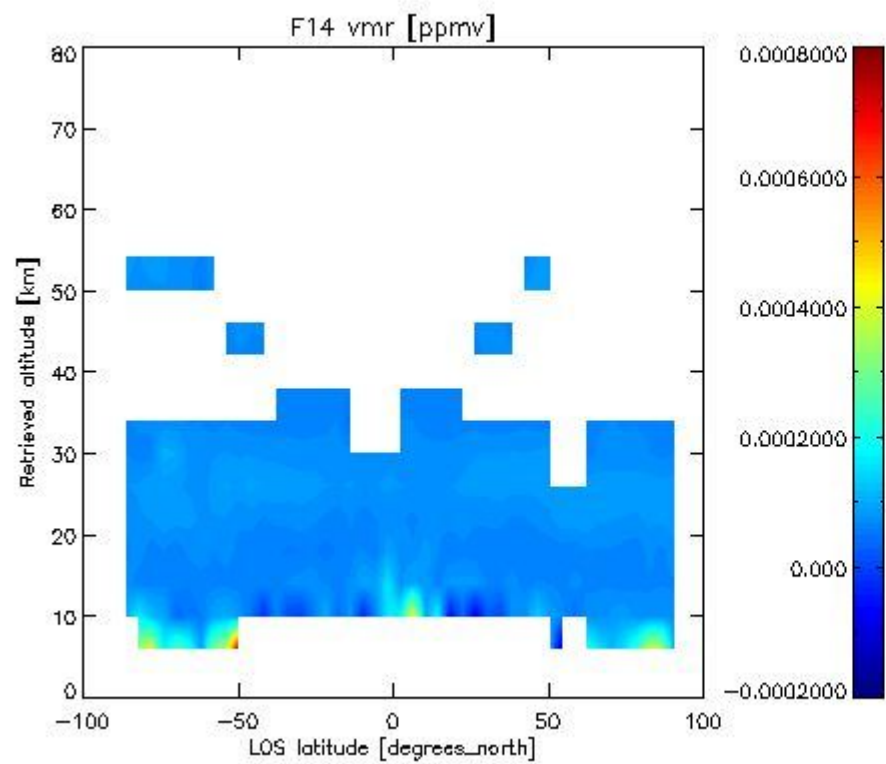
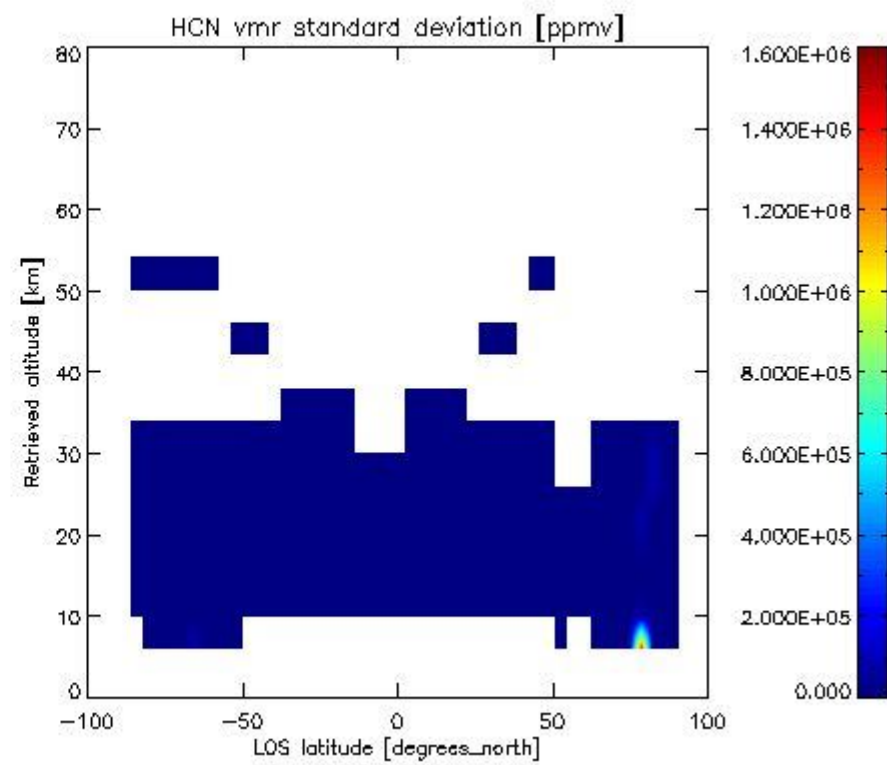
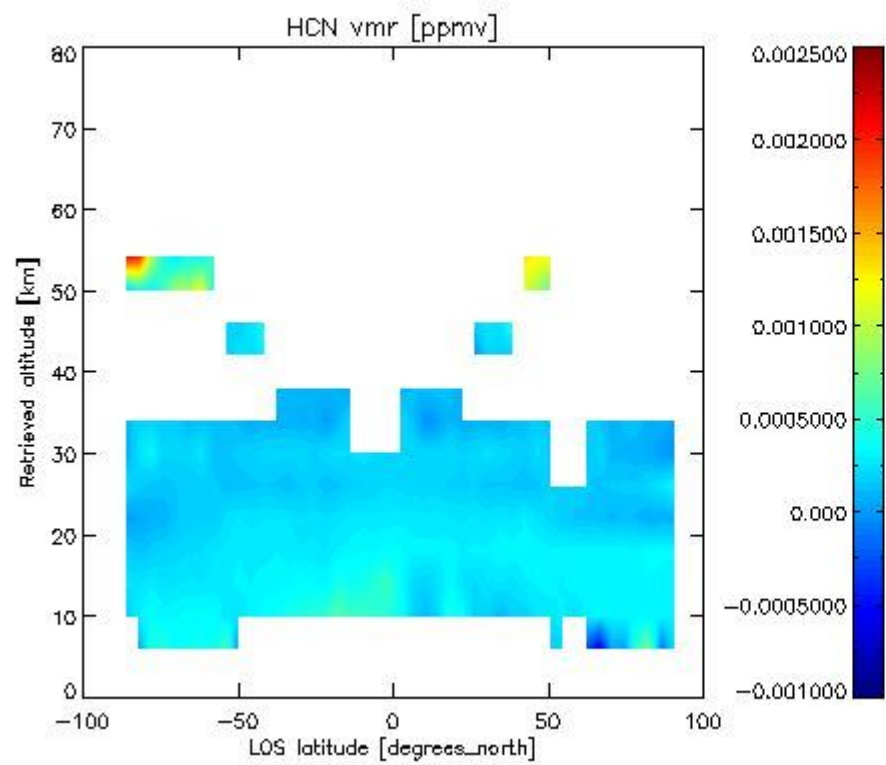


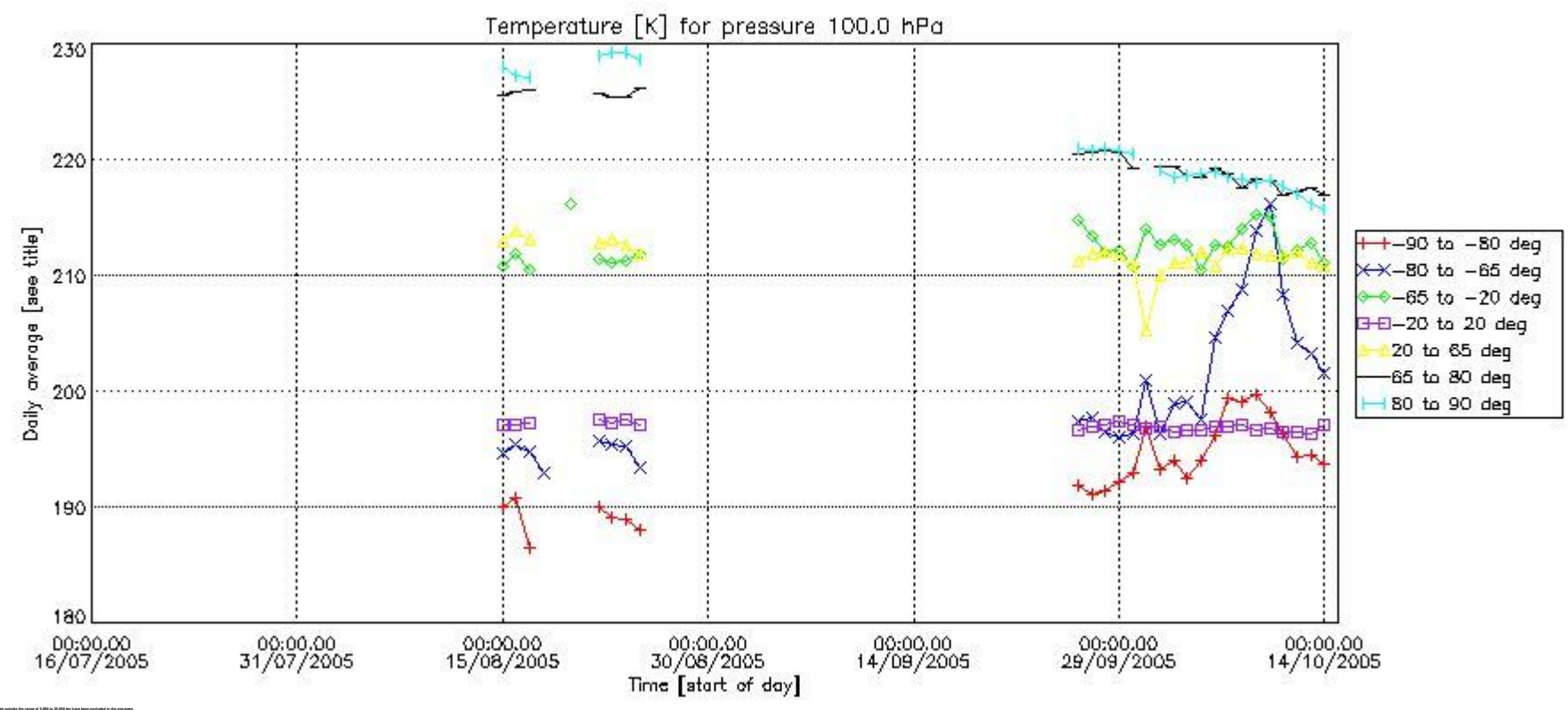
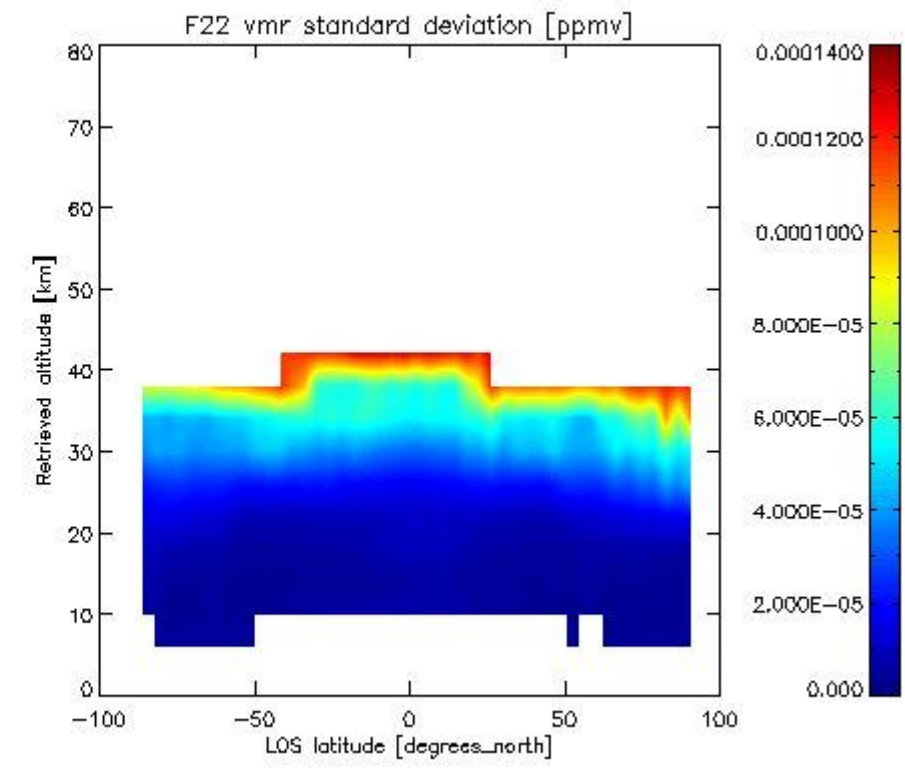
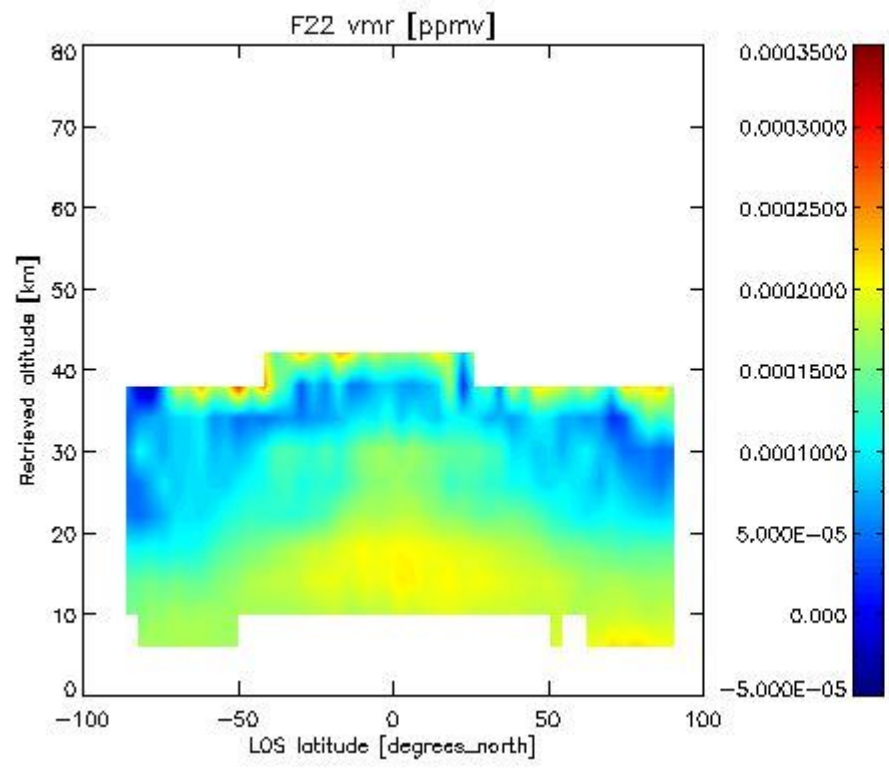
2.1.4 CLNO overview: This section shows values (left) and error (right) for CLNO after binning individual sweep values over retrieved altitude and target latitude.

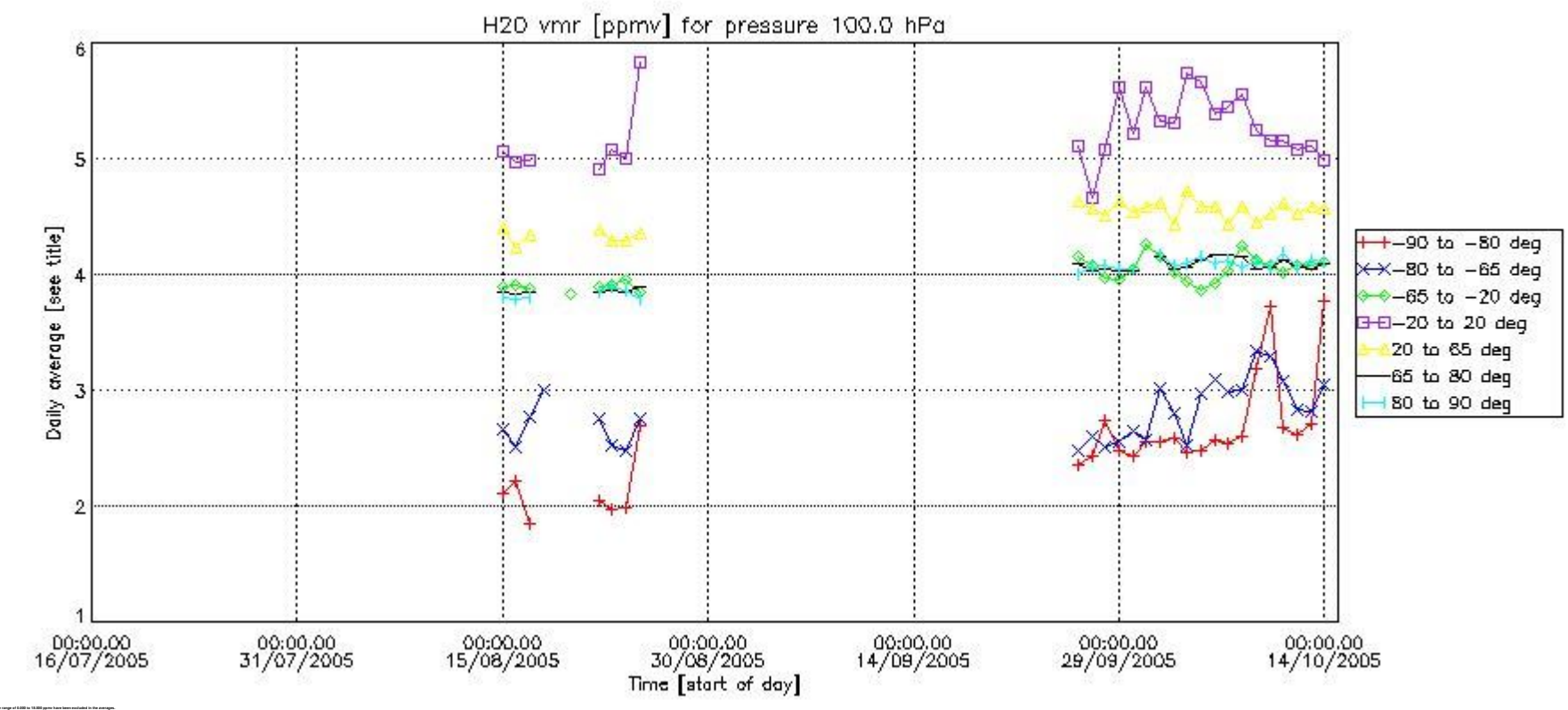
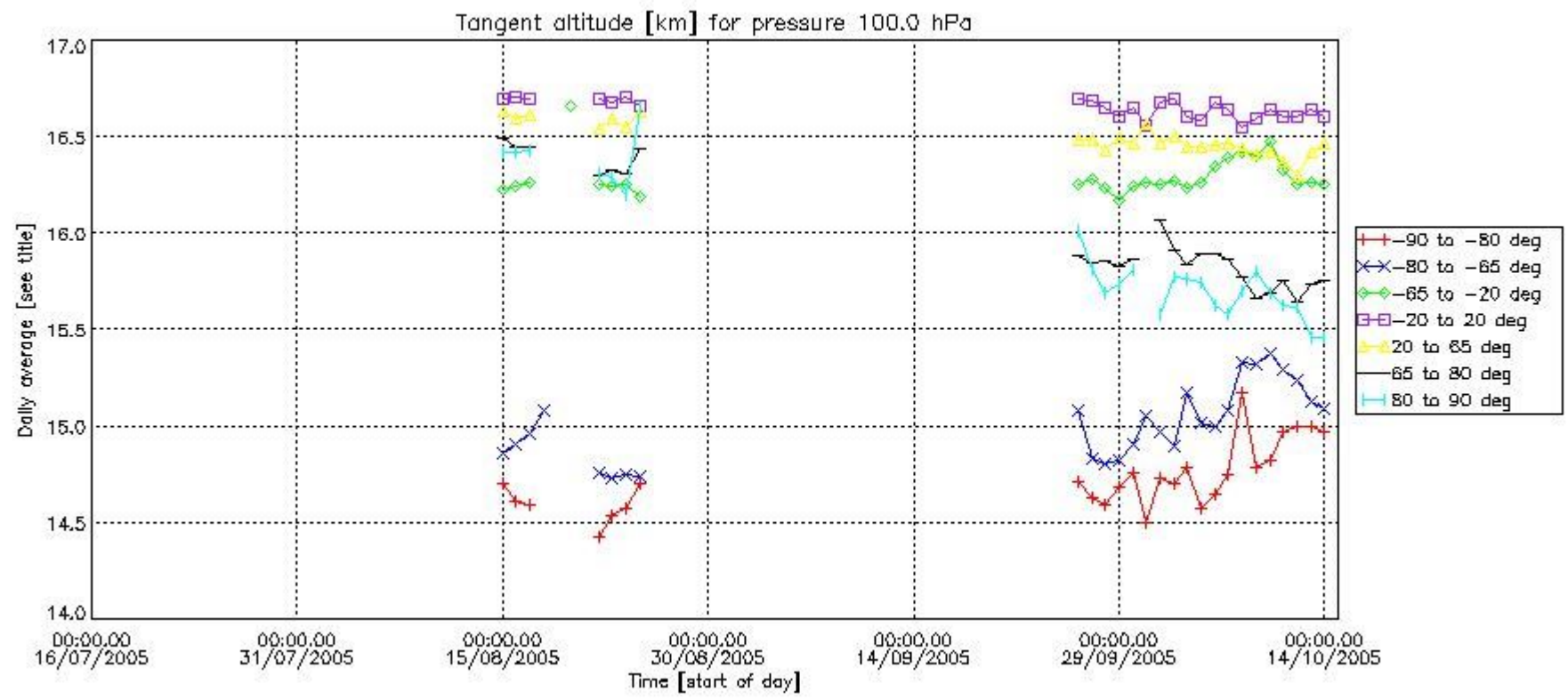


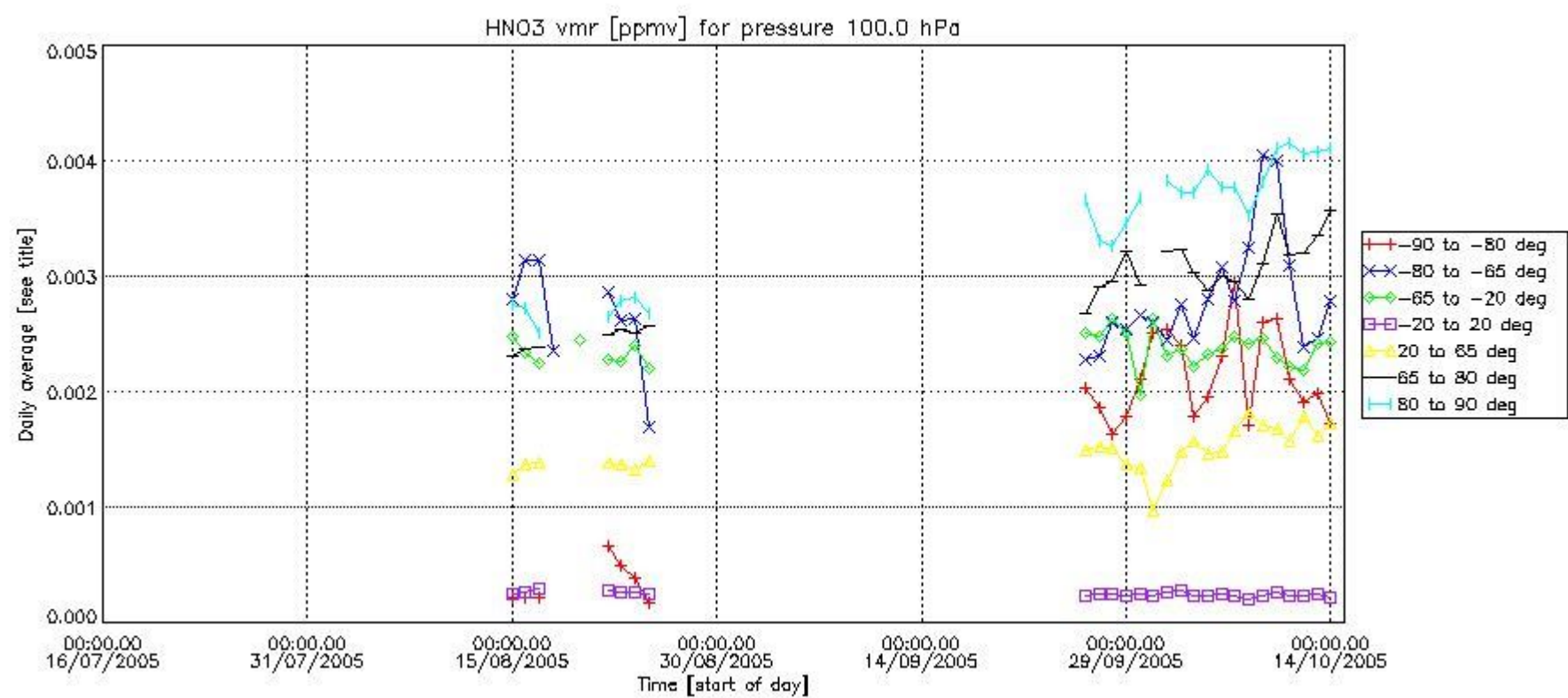
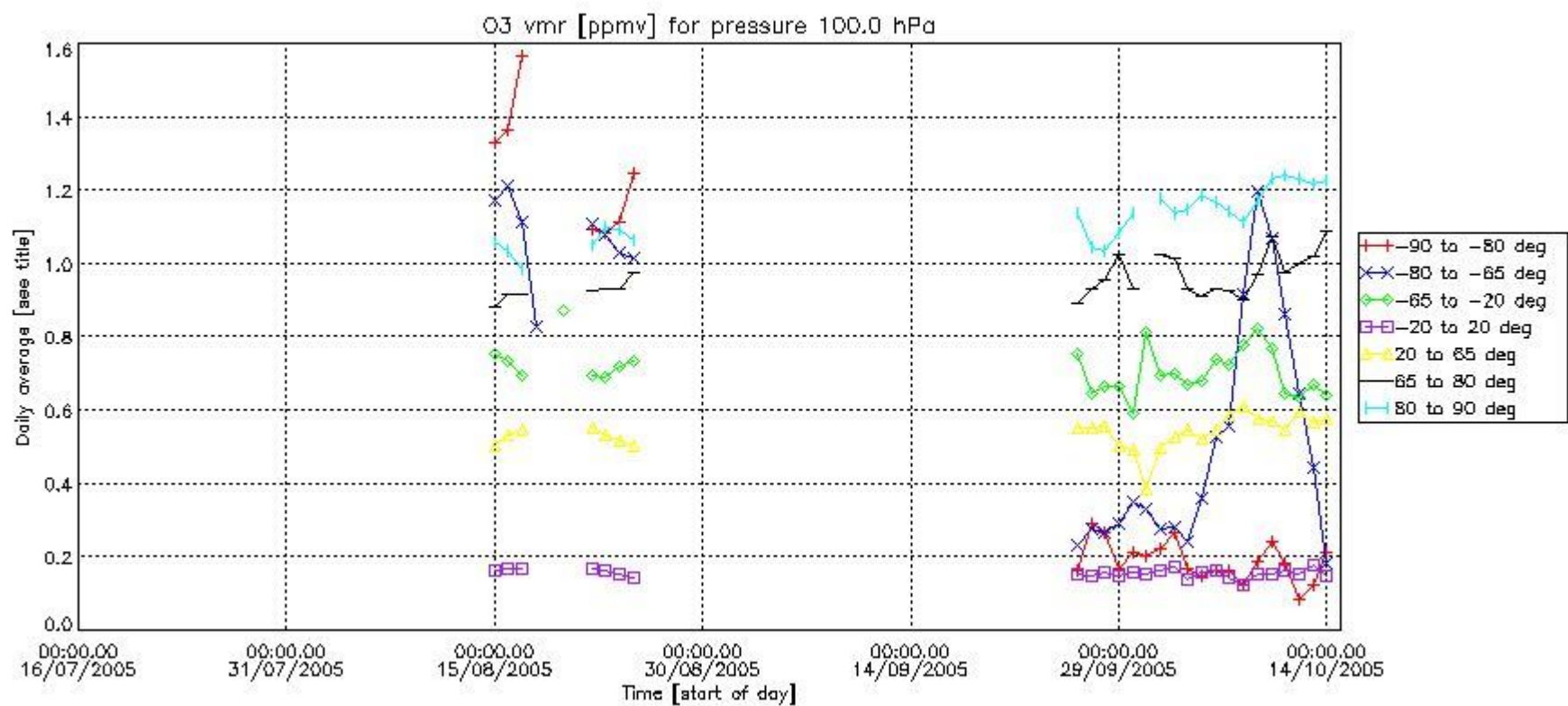


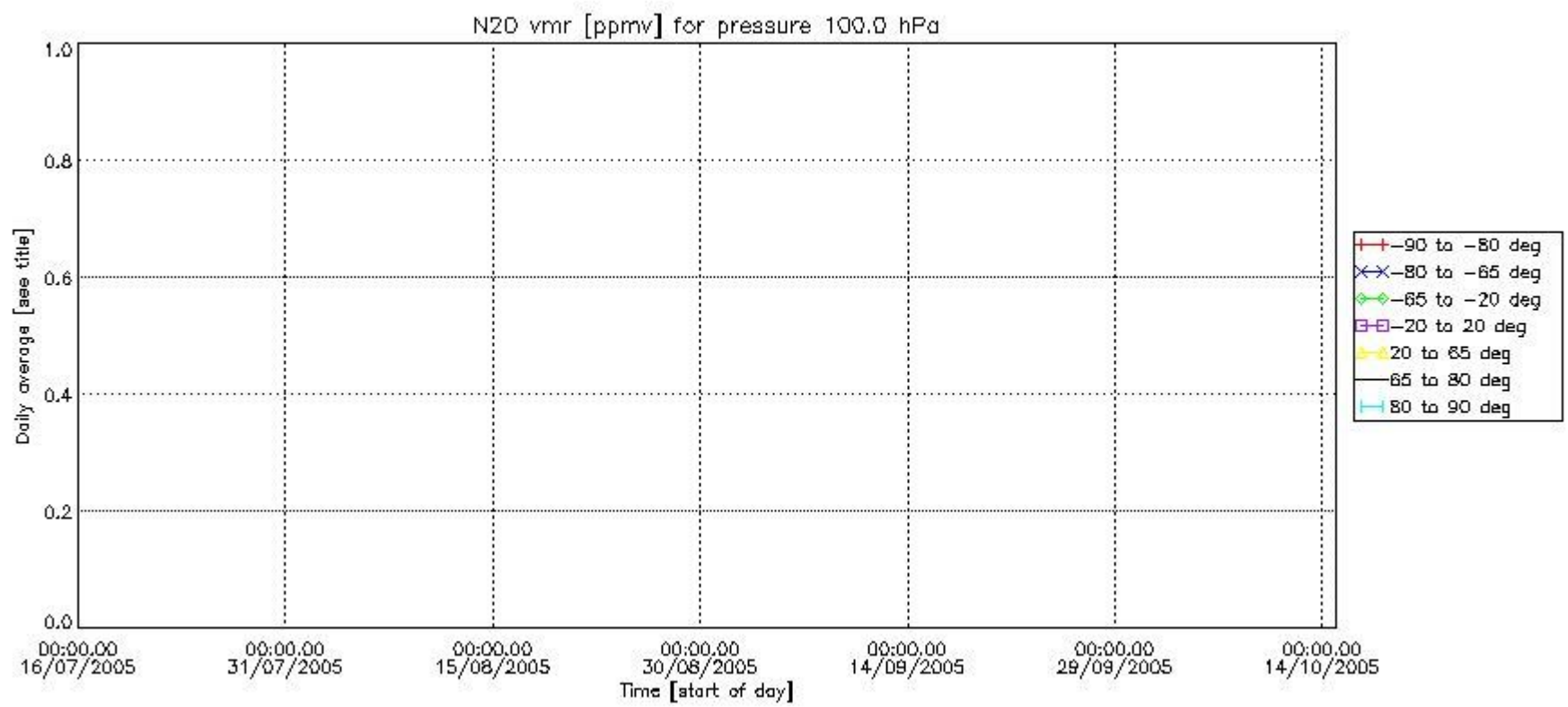
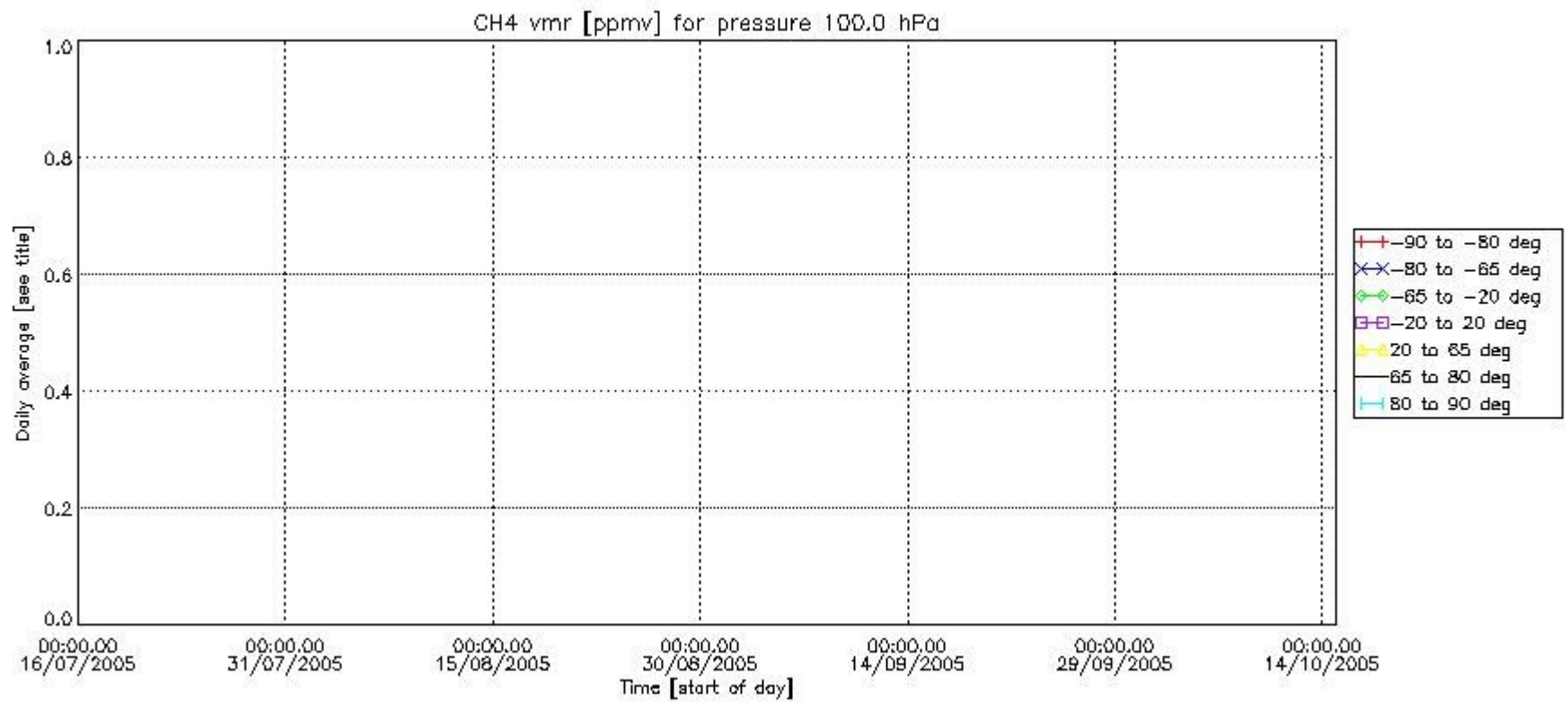


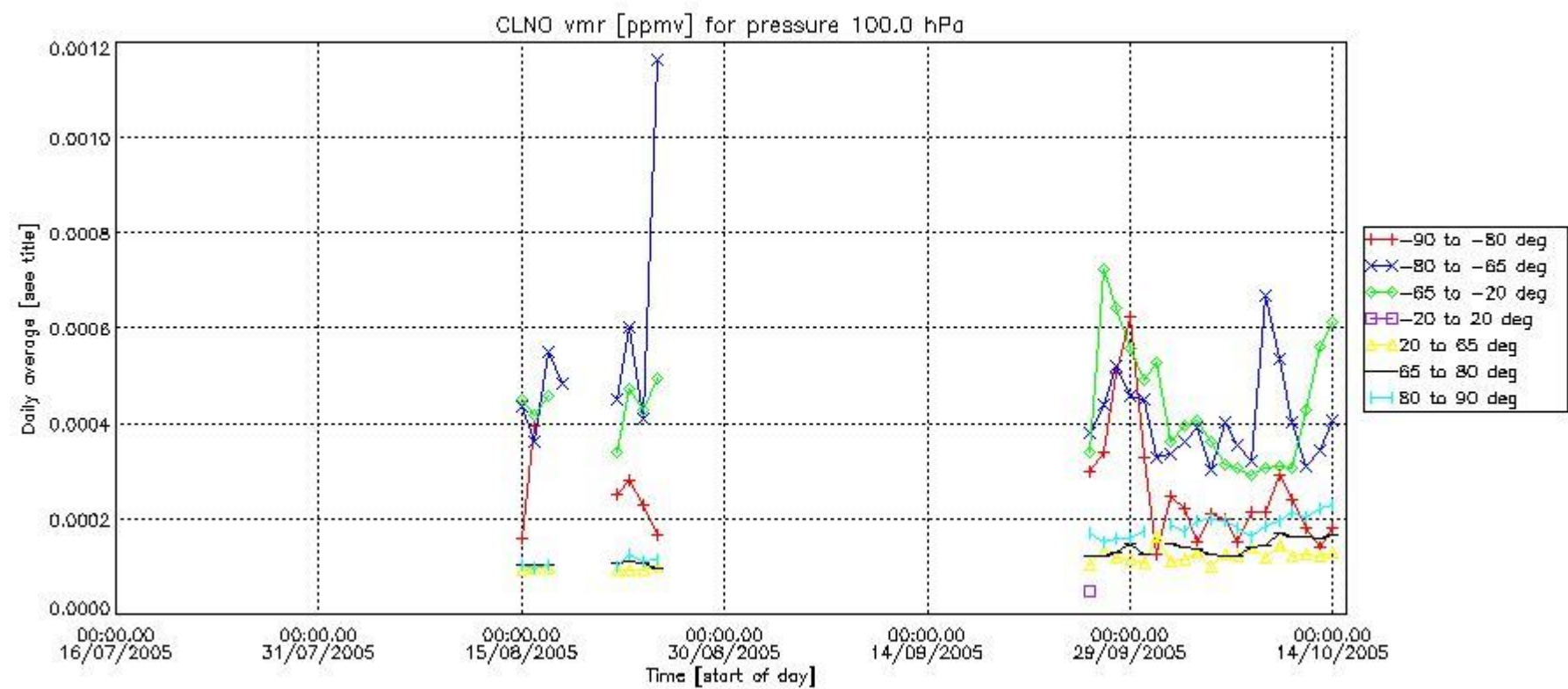
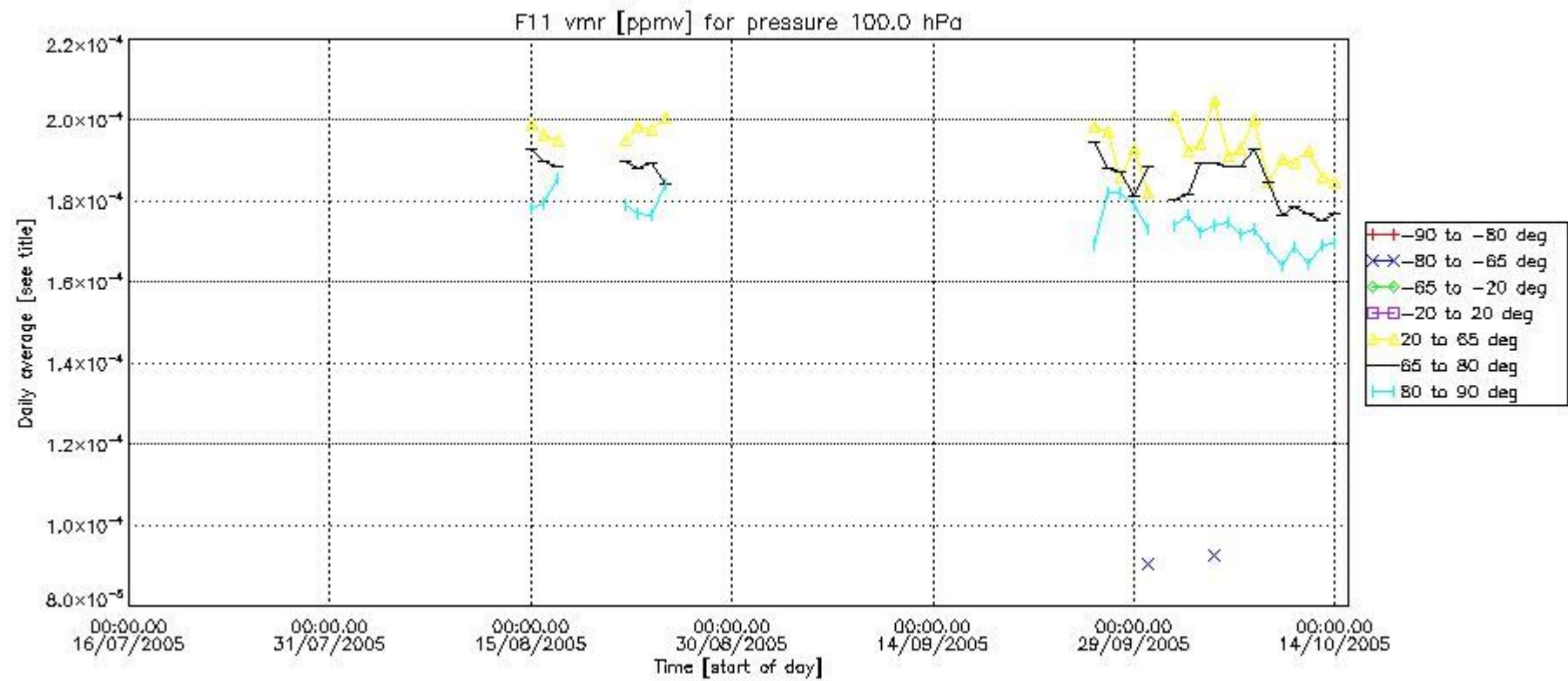


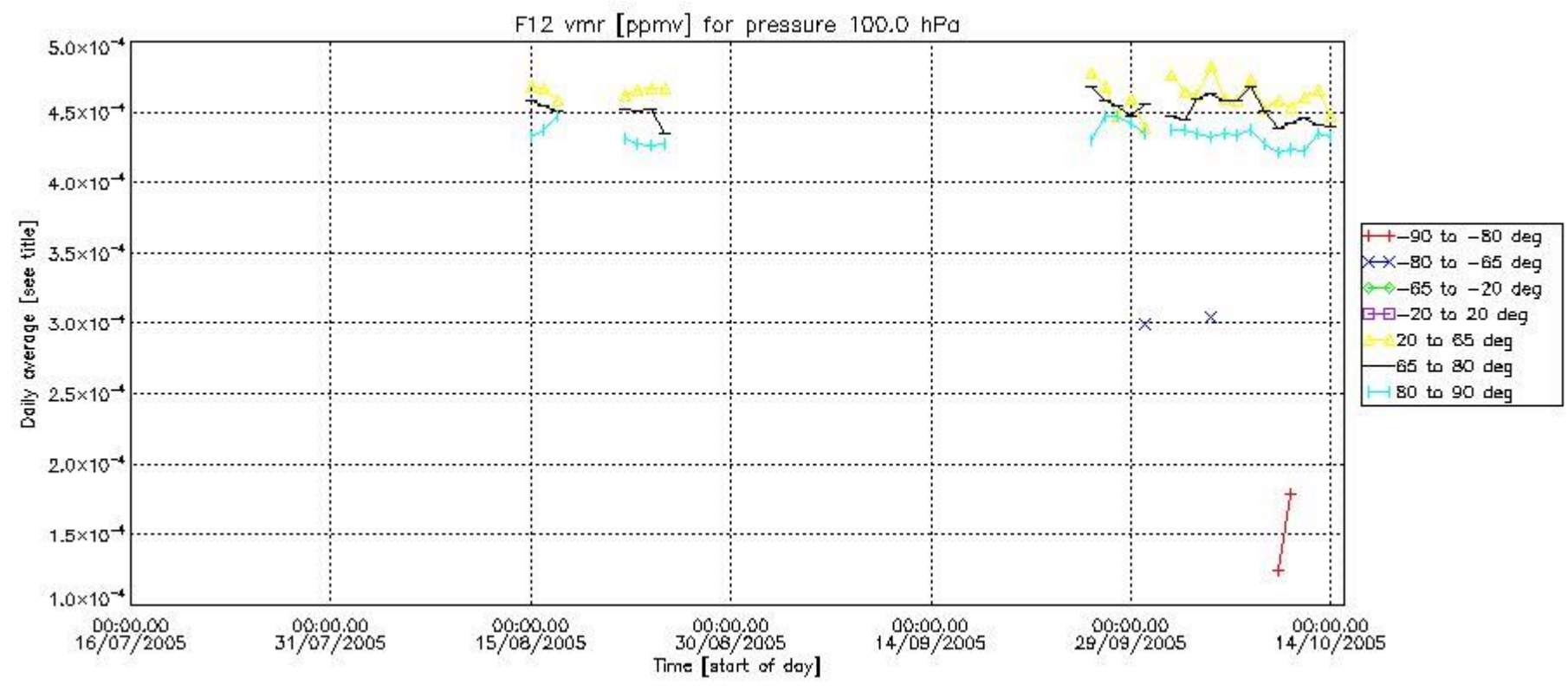
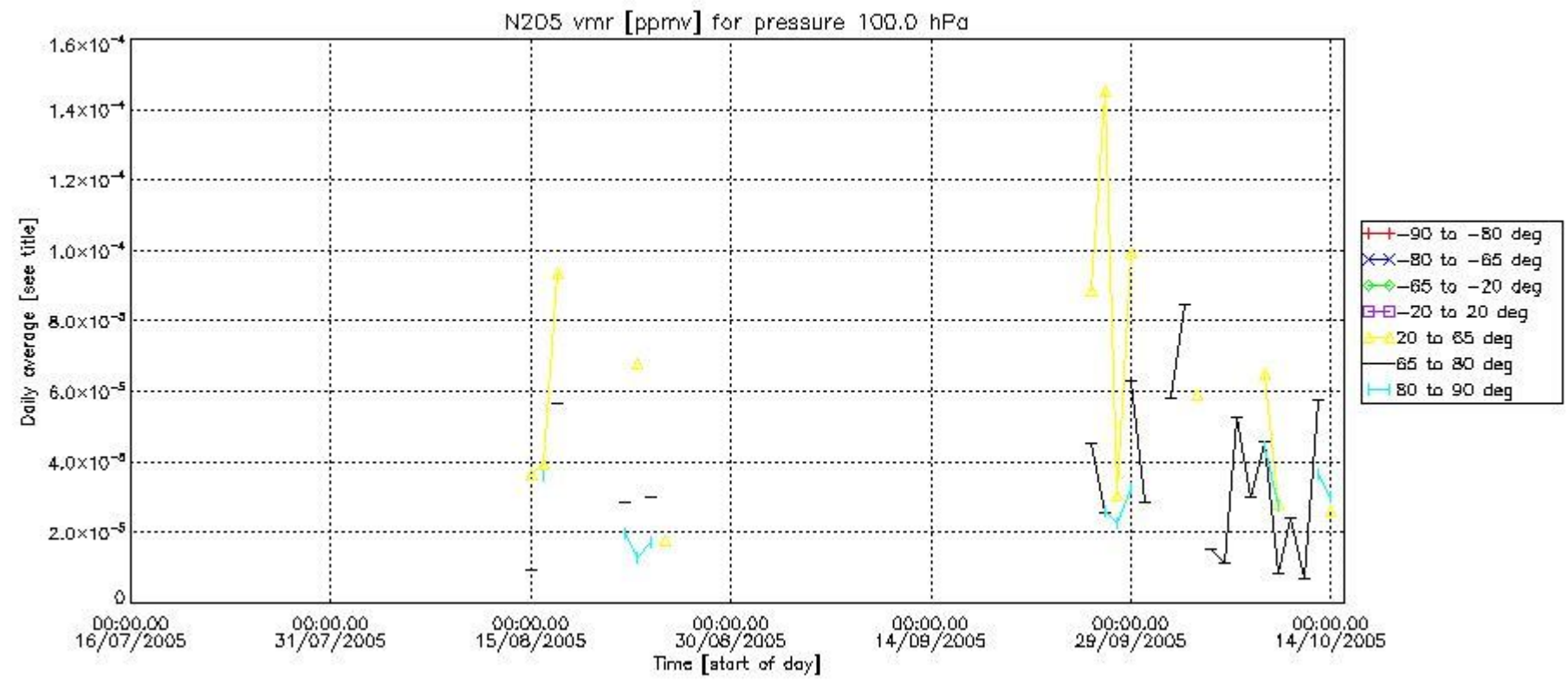


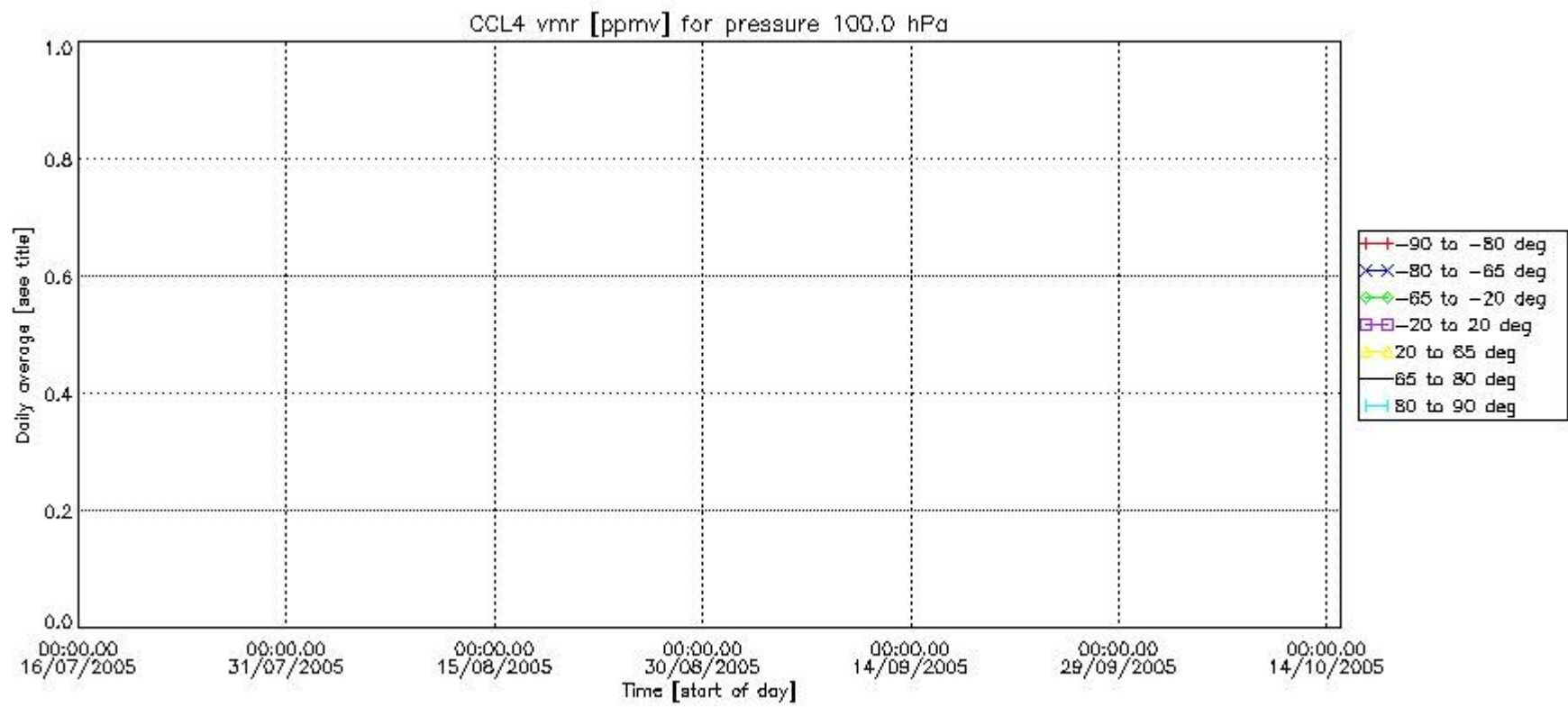
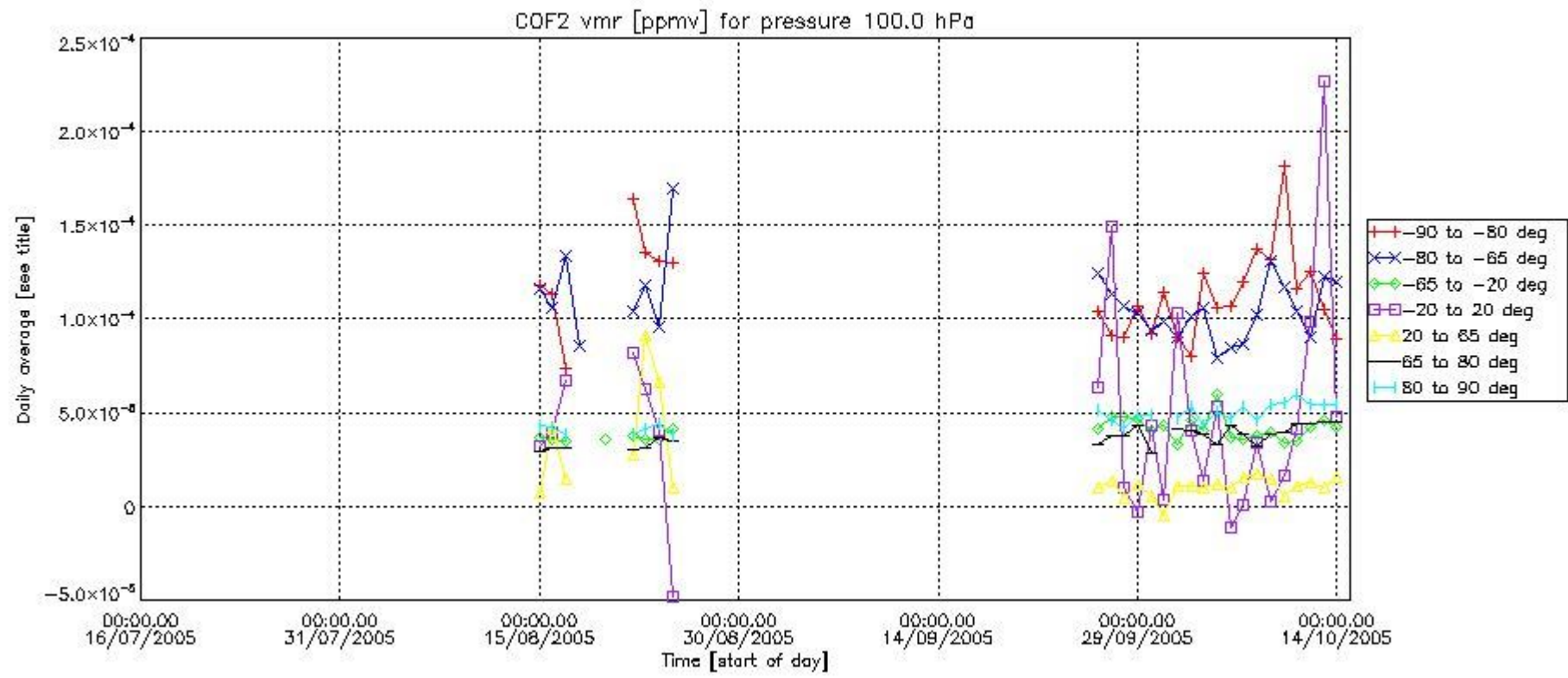


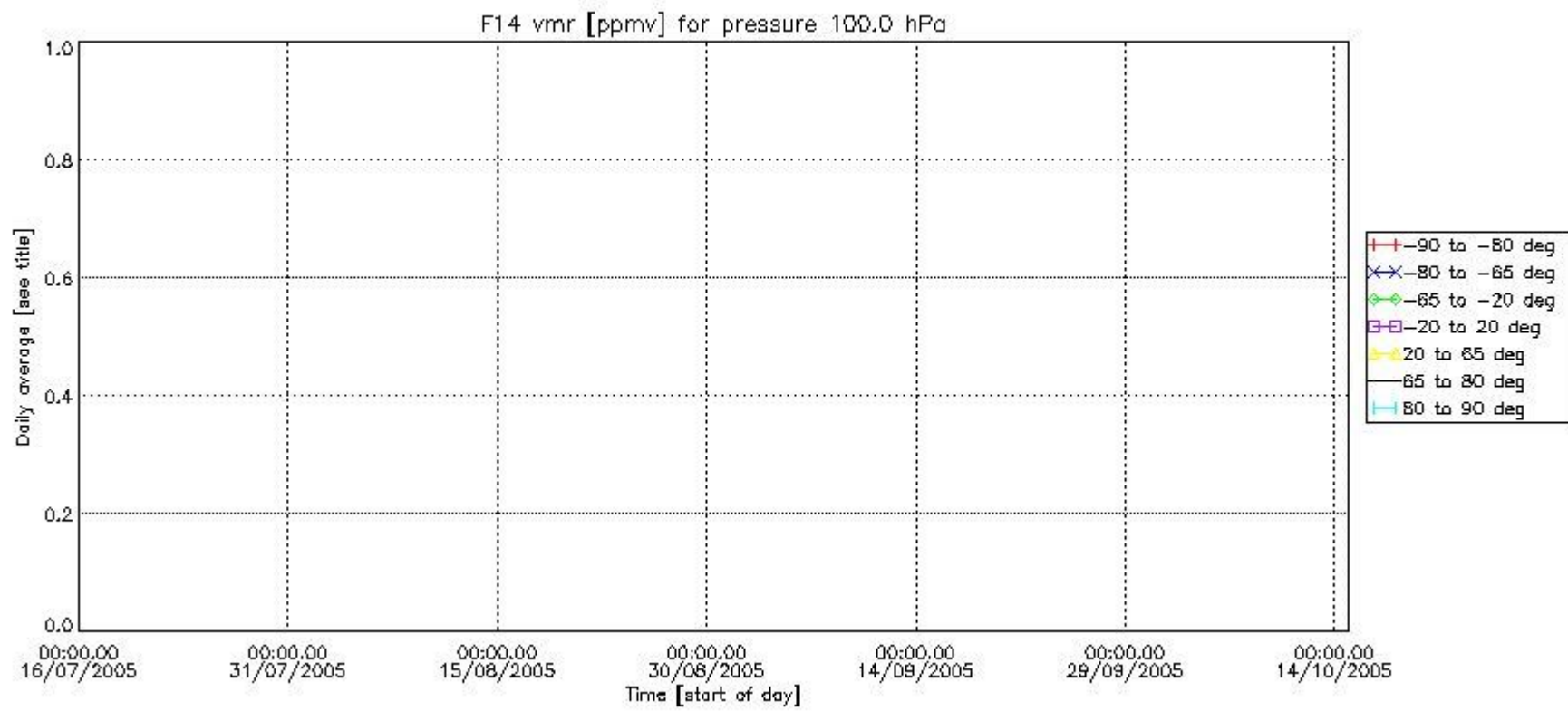
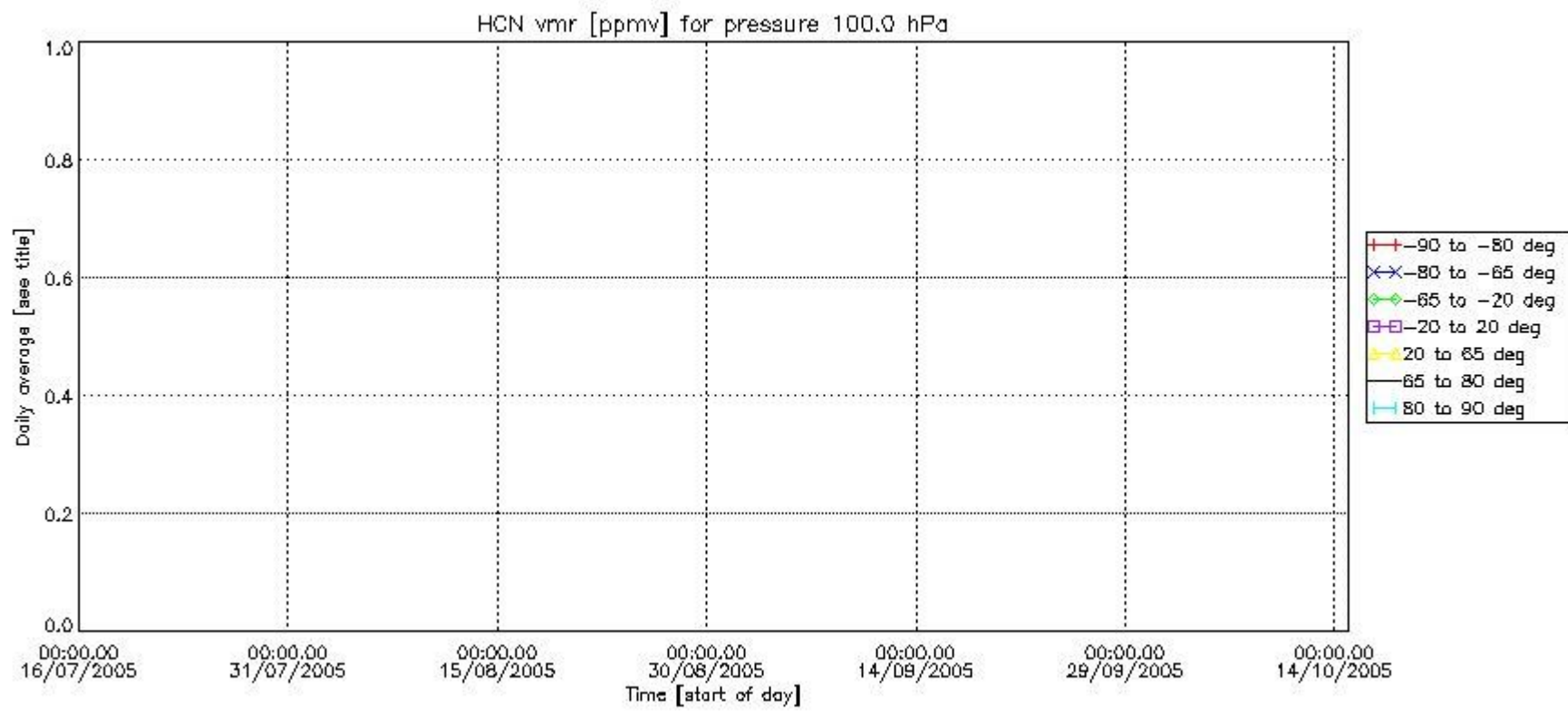


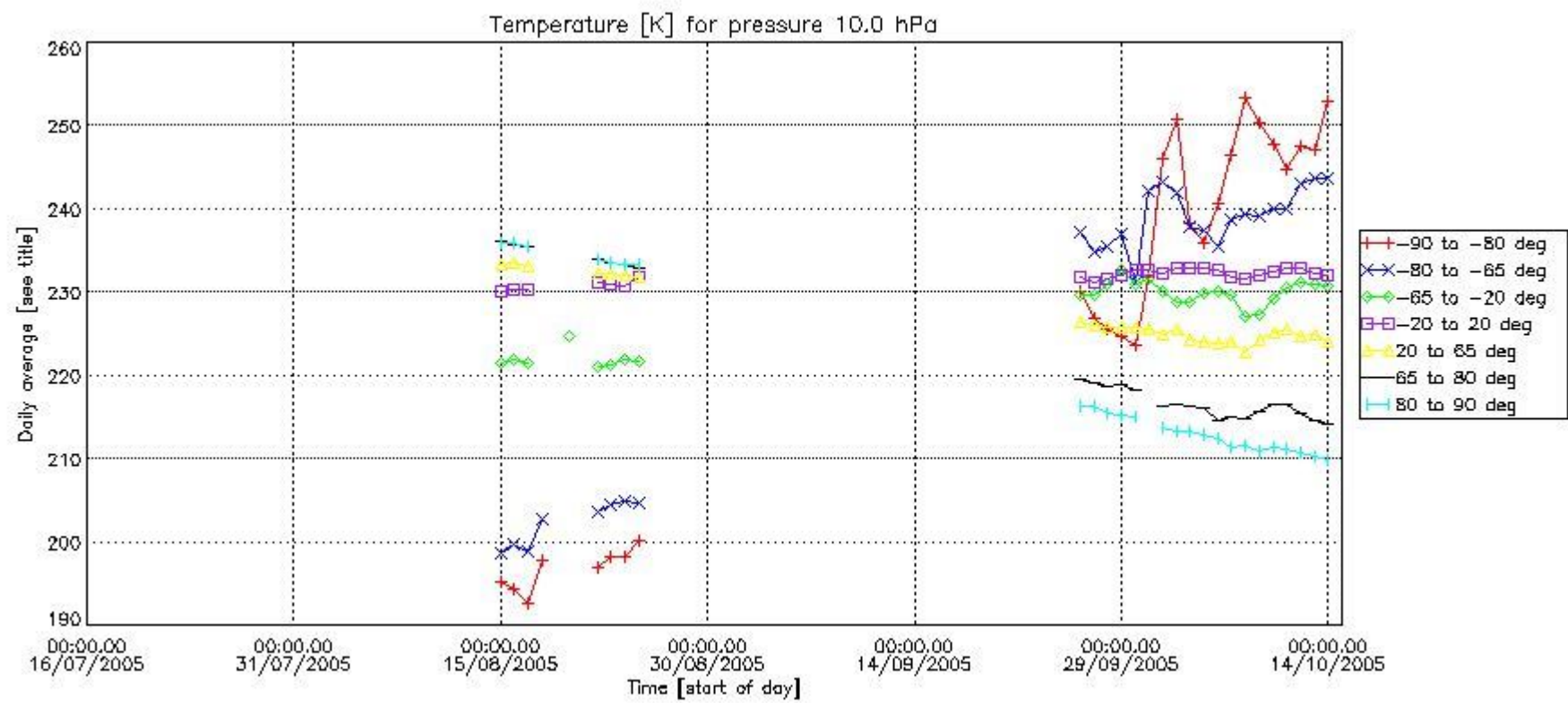
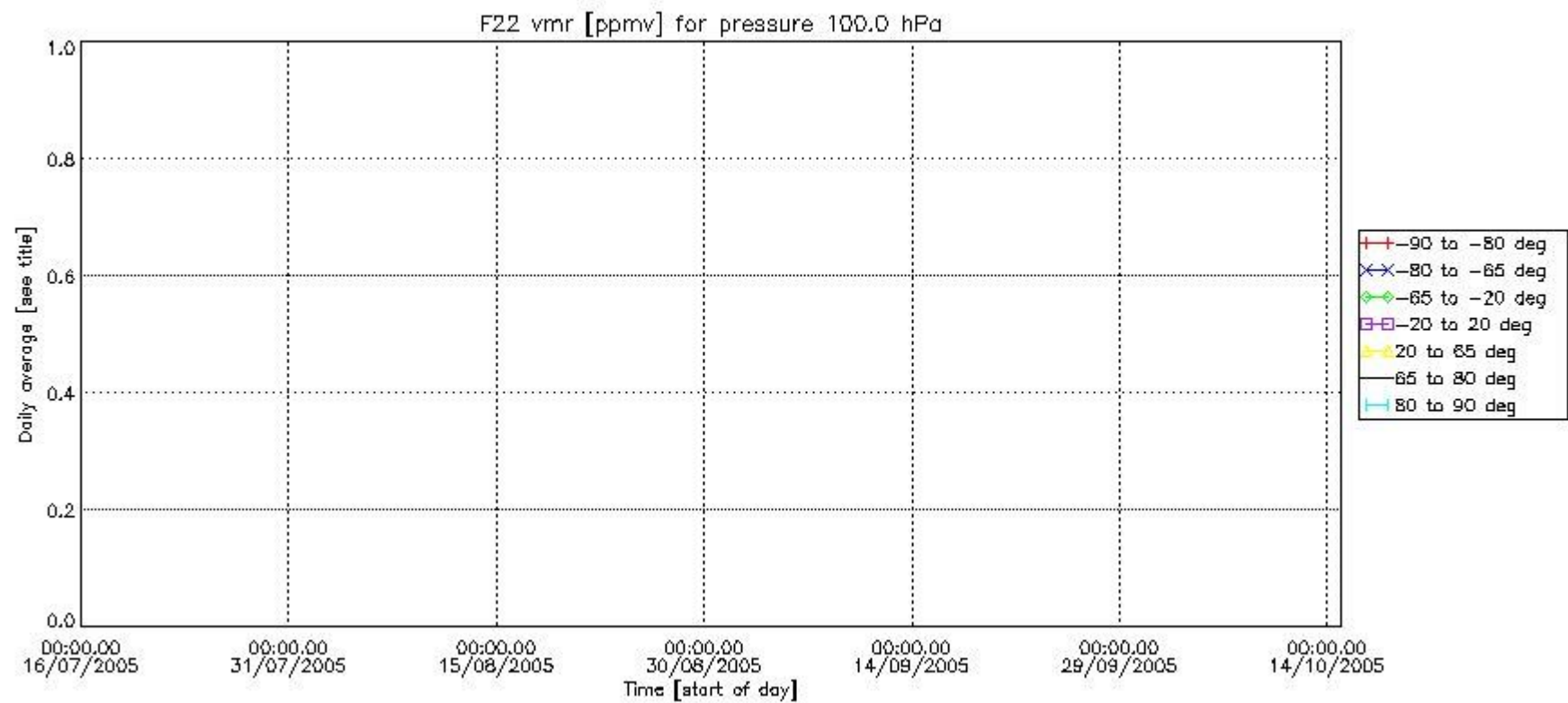


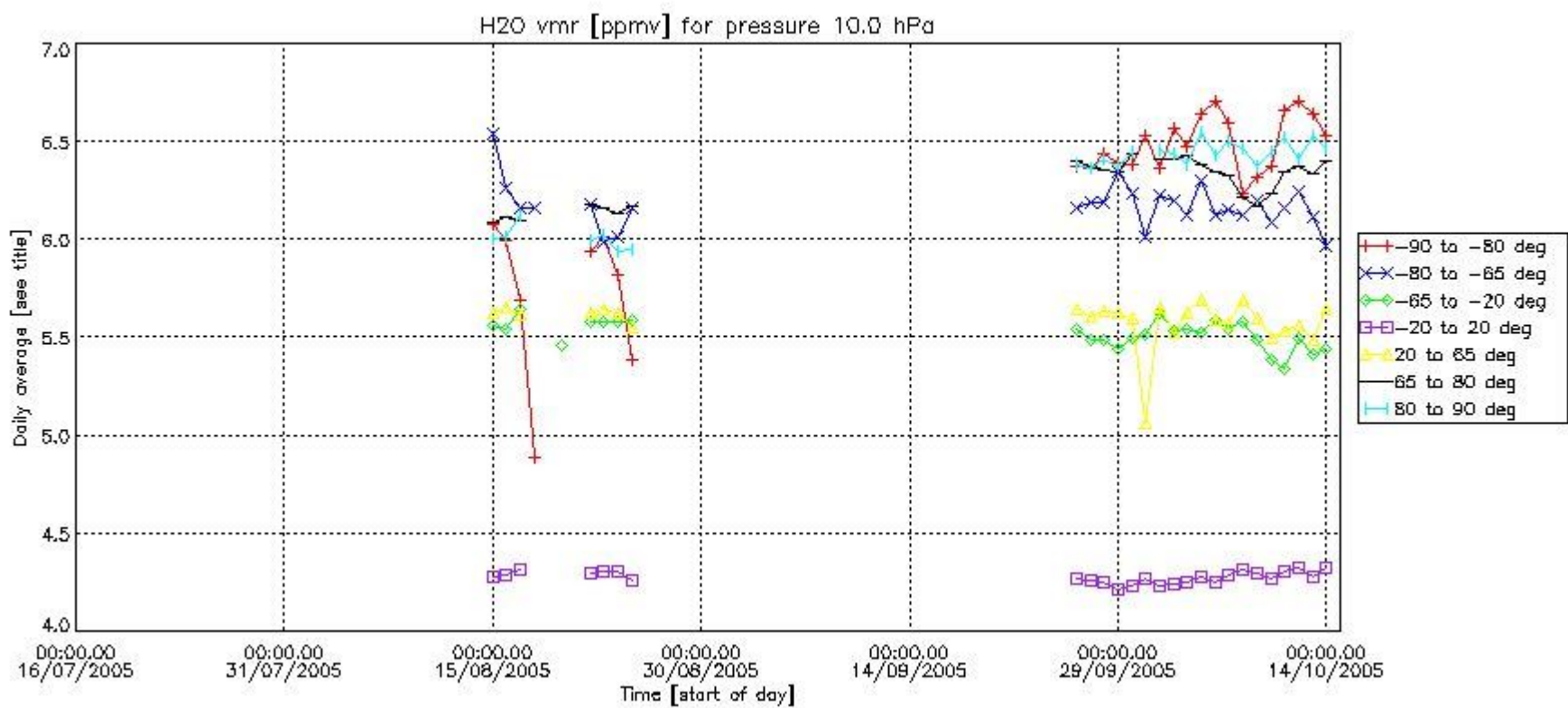
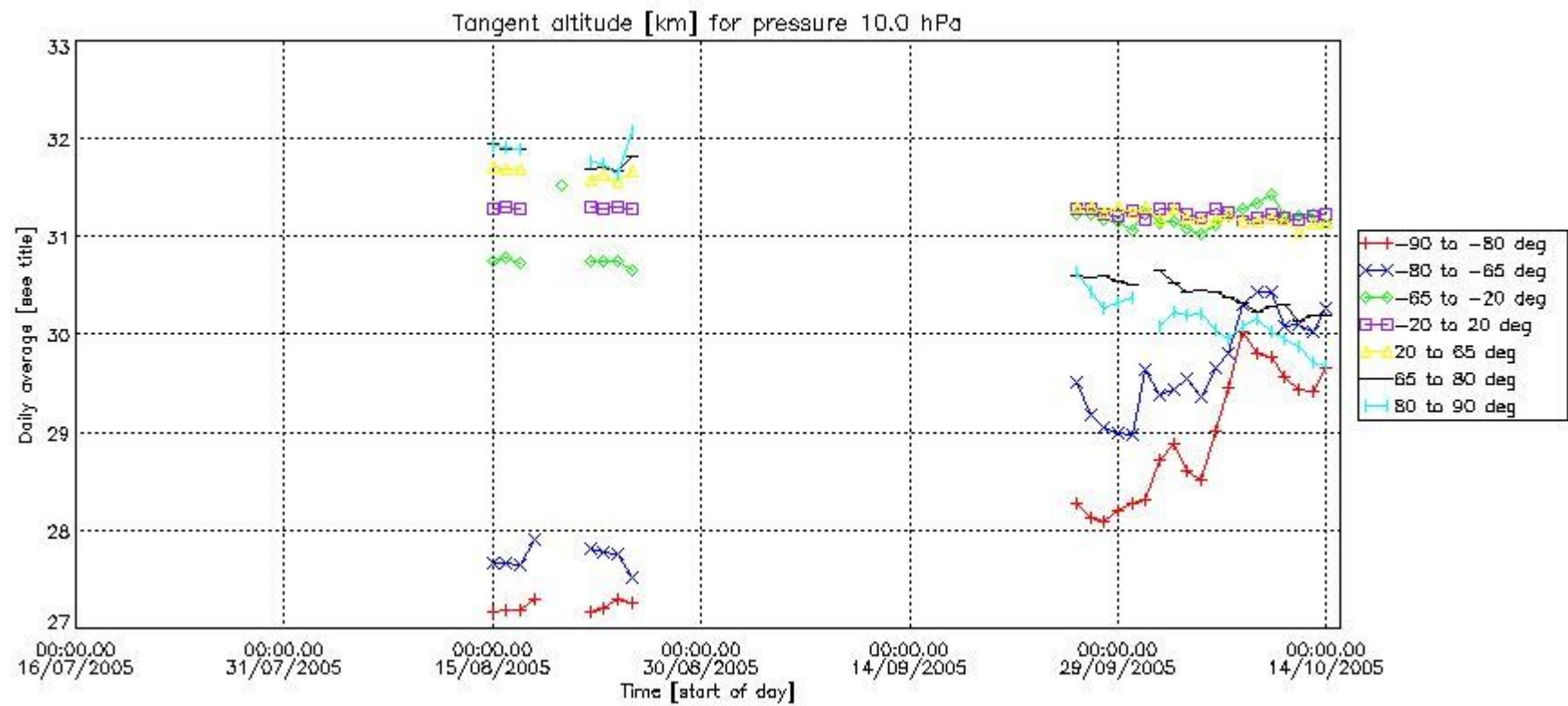


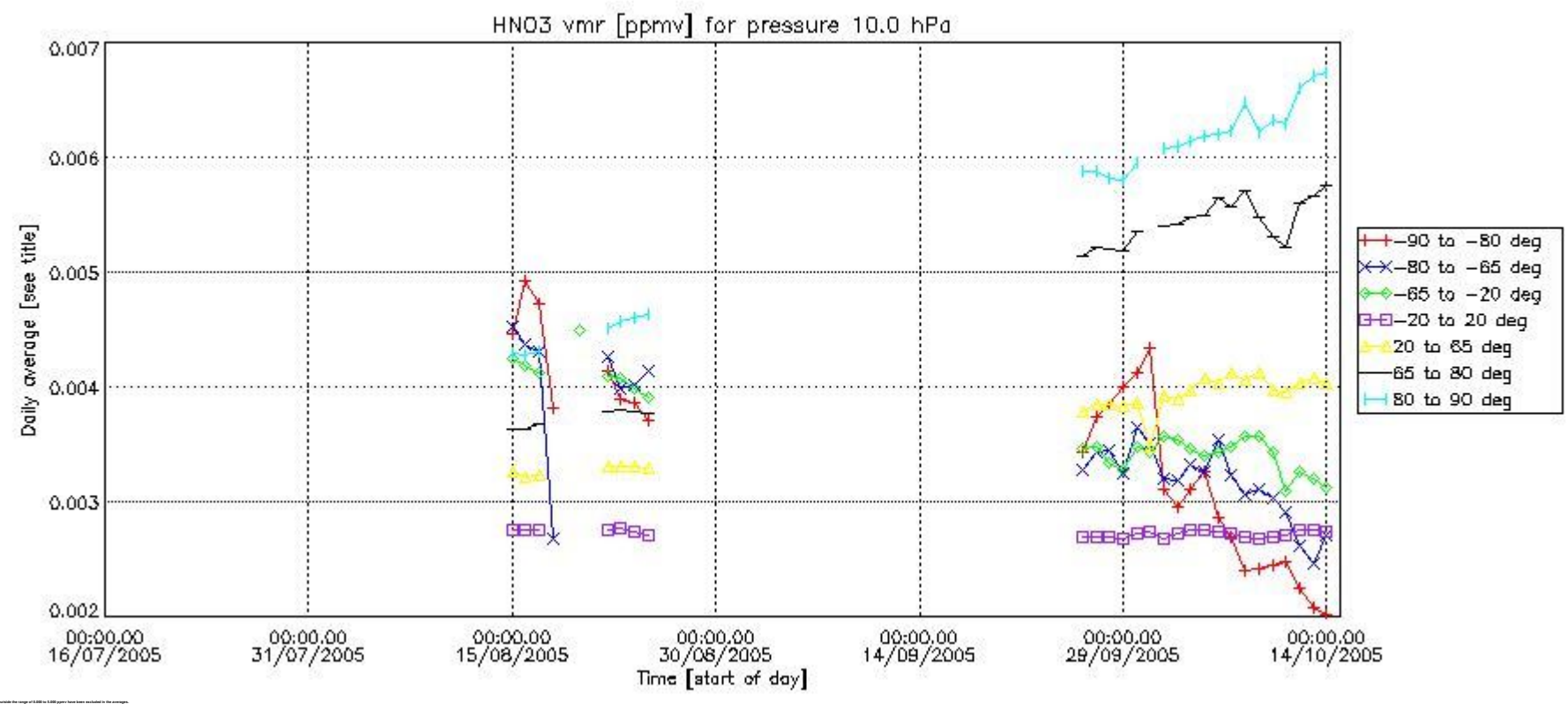
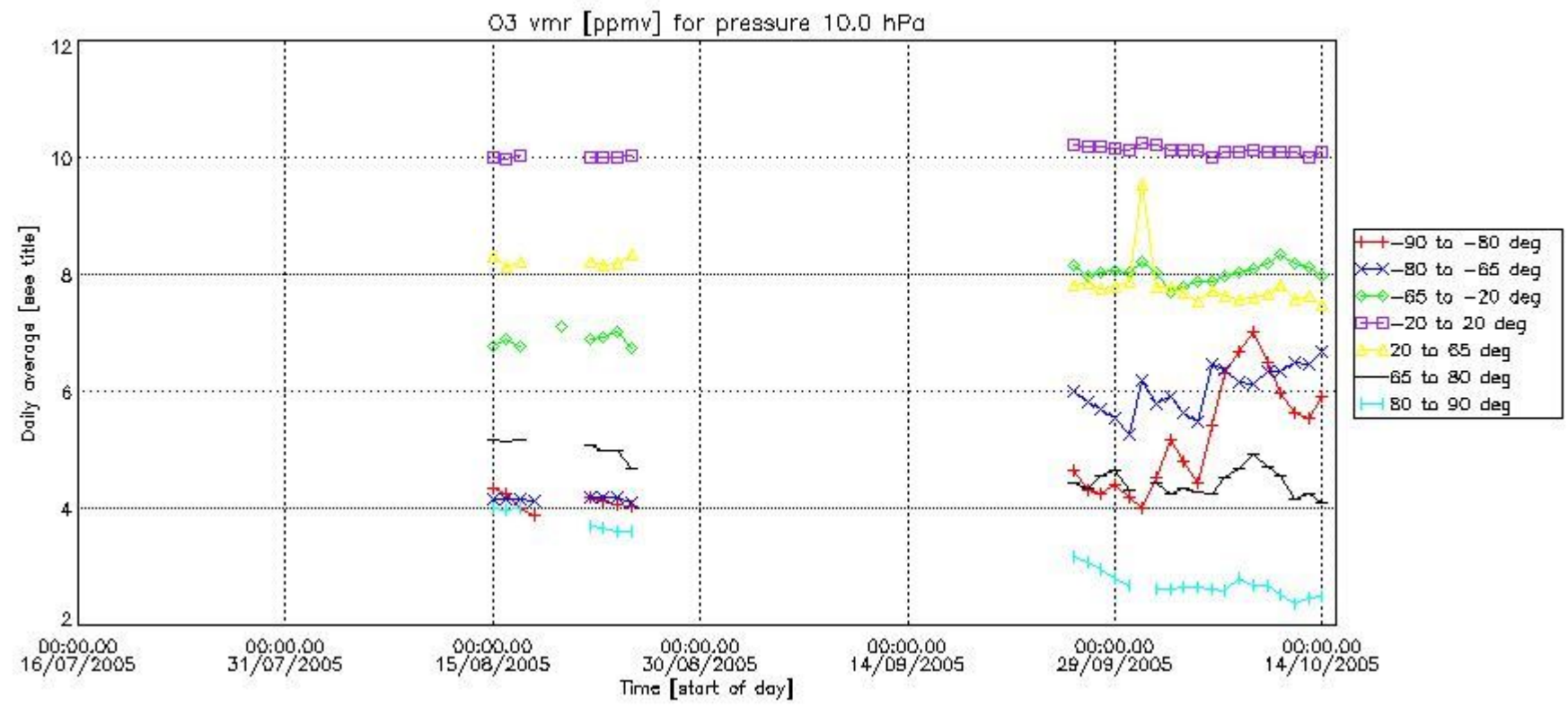


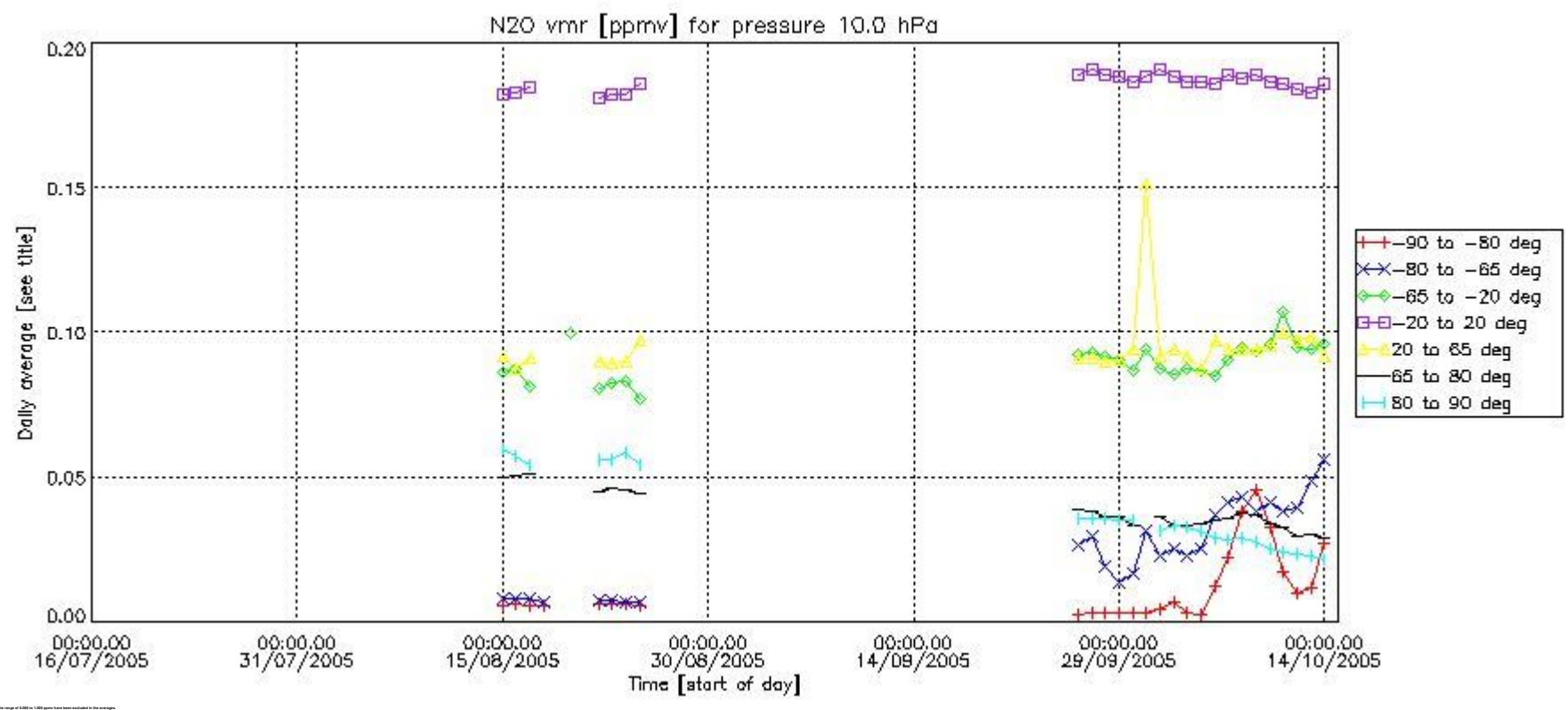
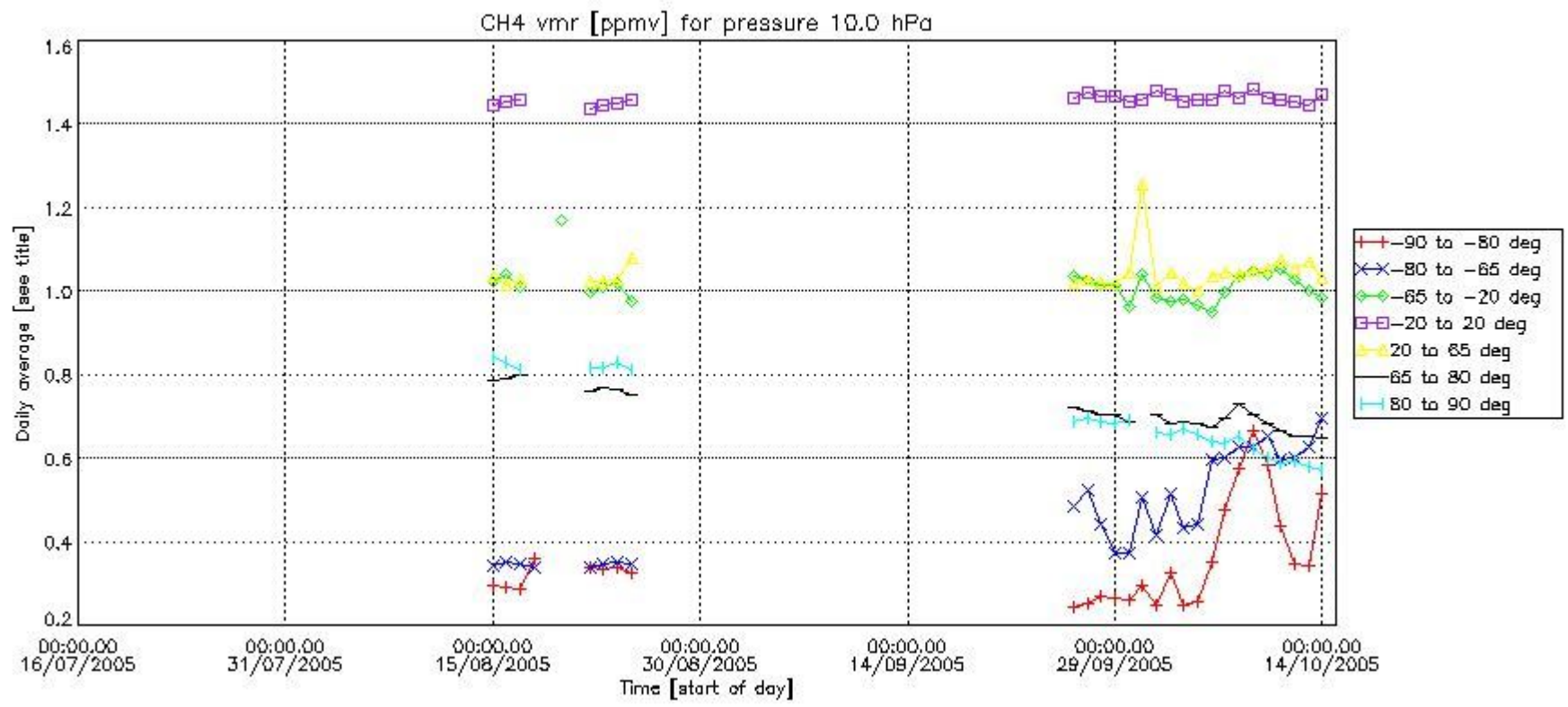


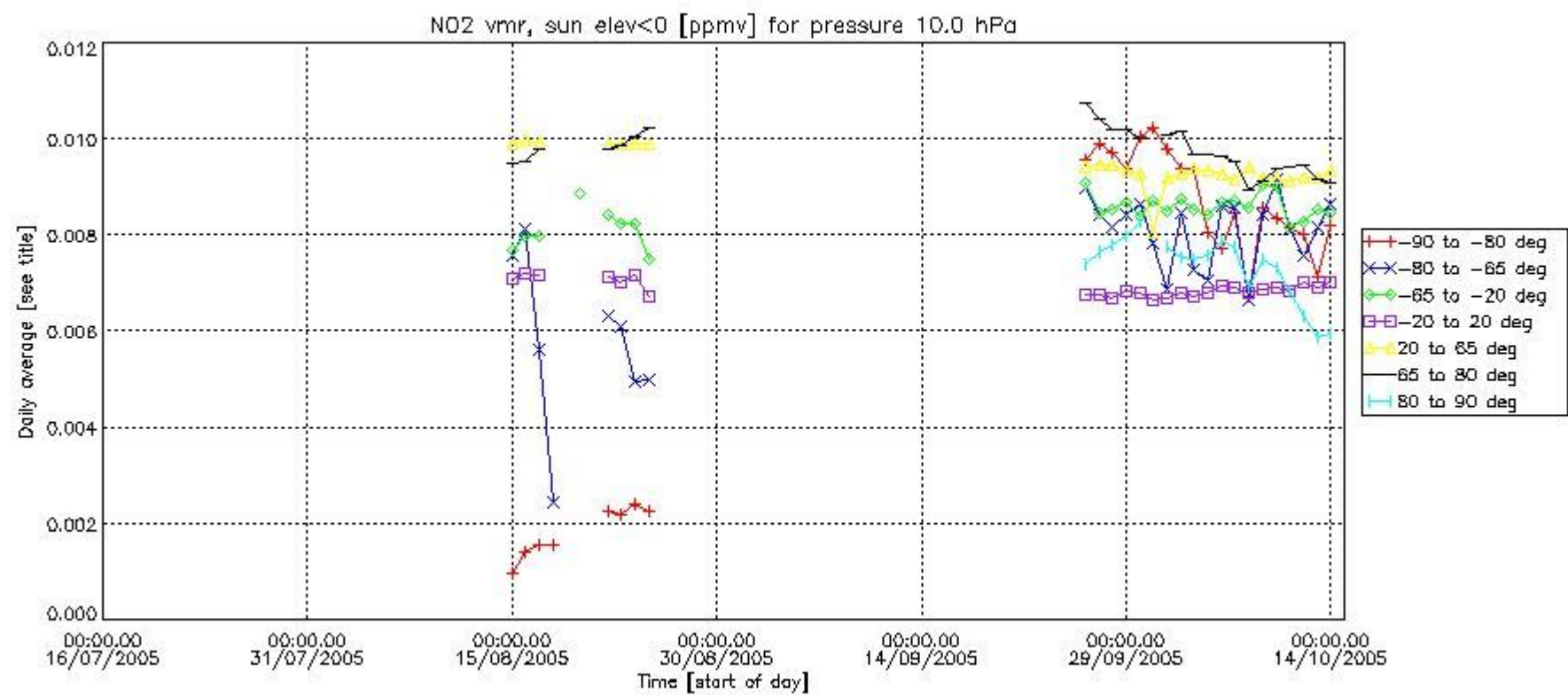
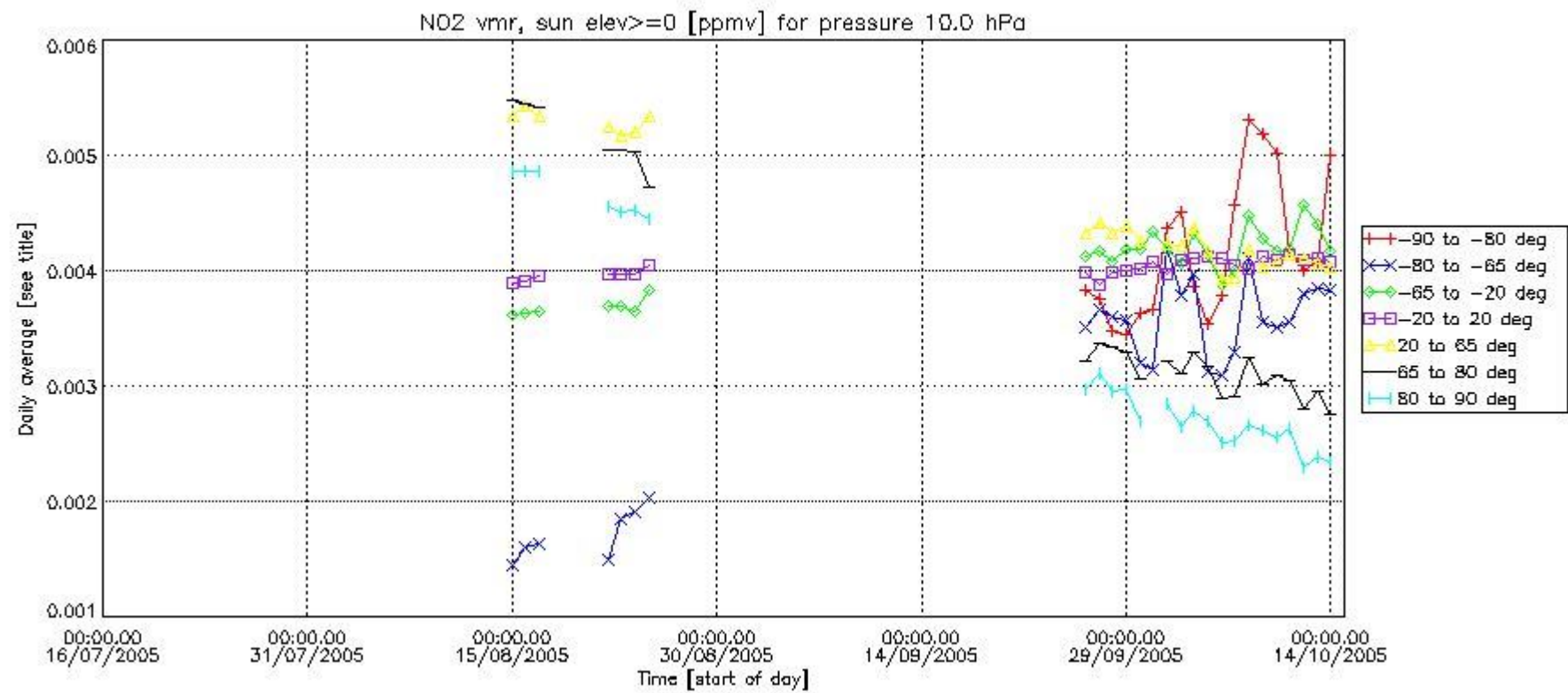


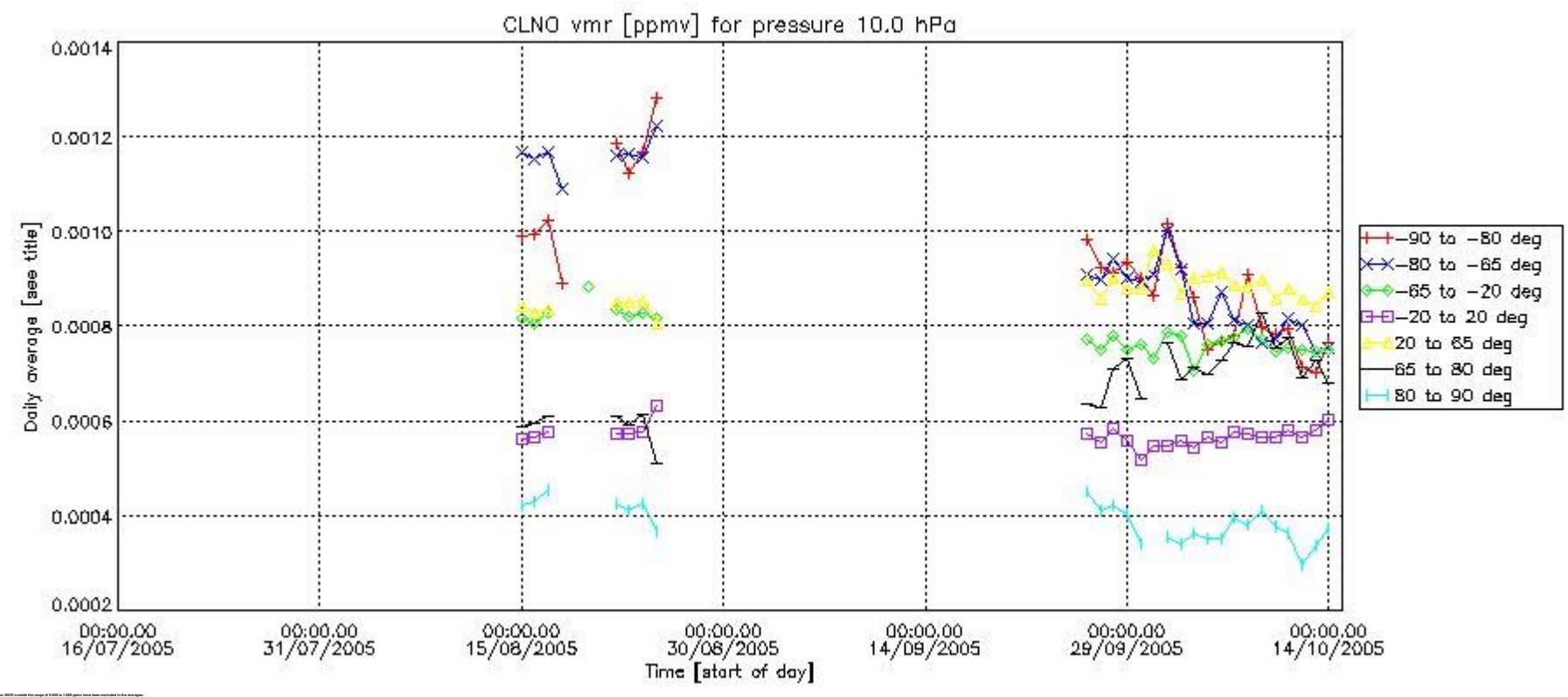
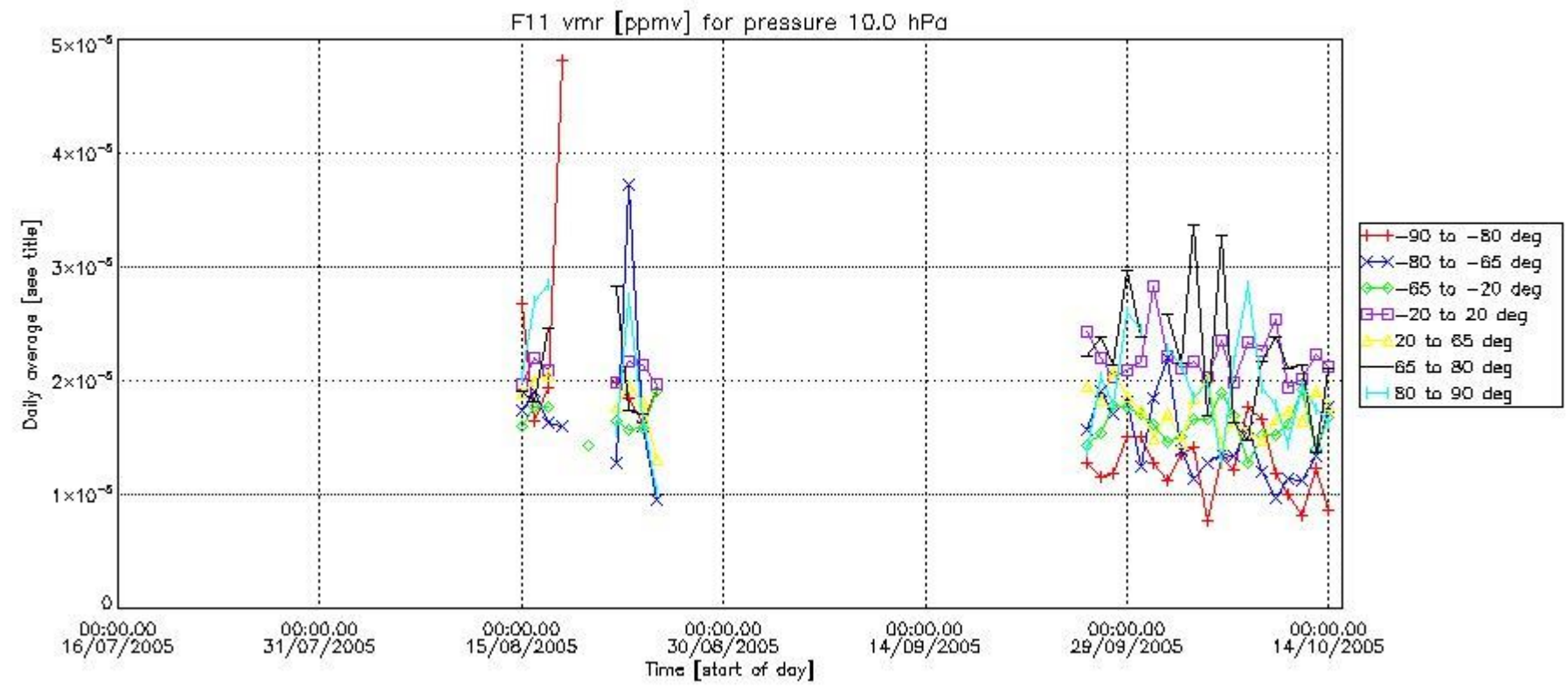


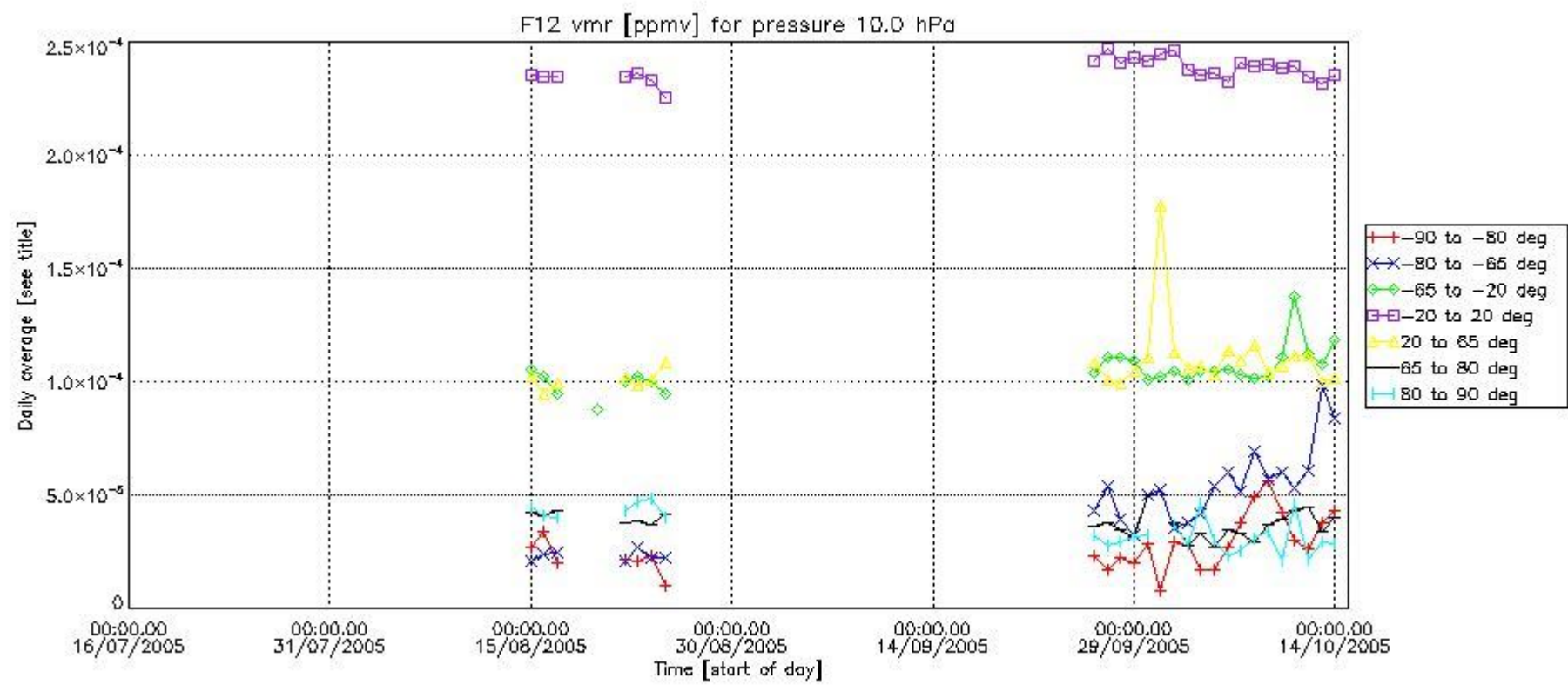
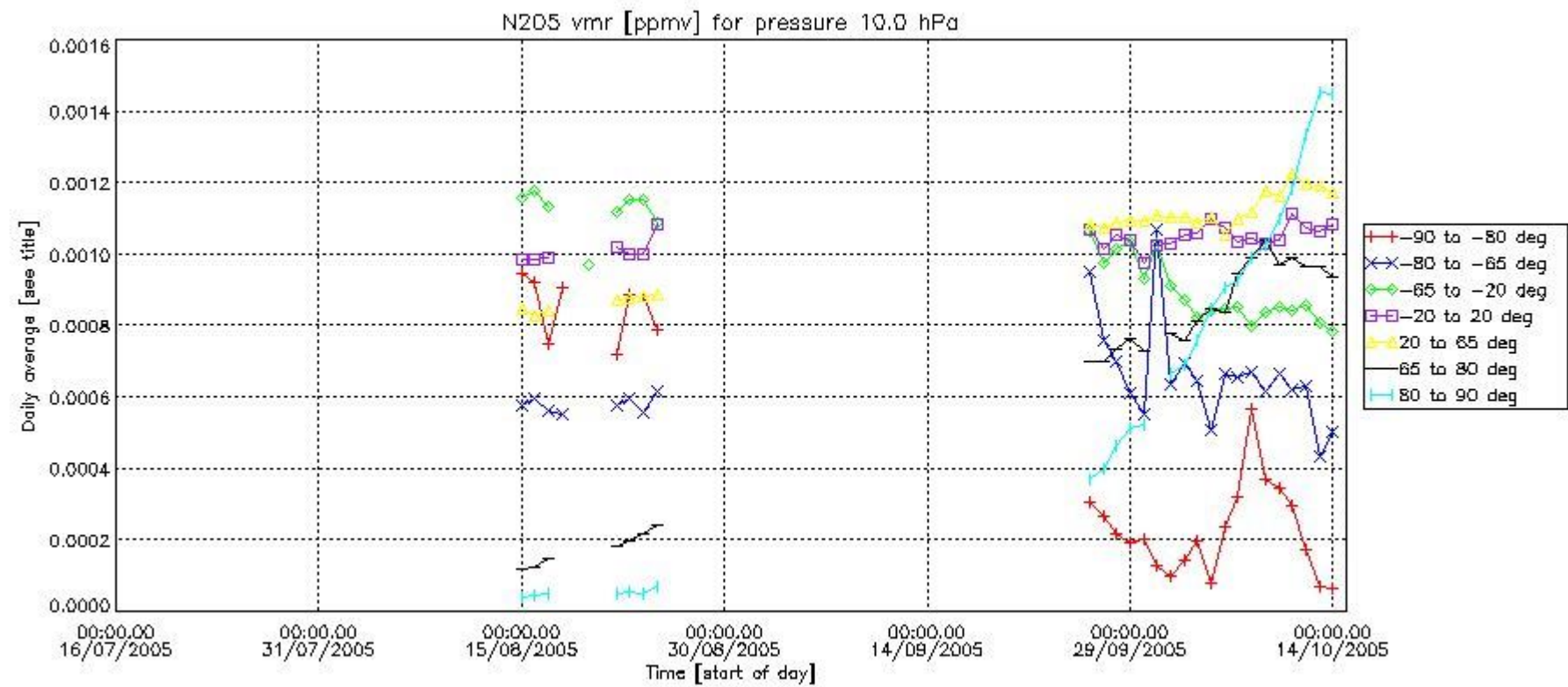


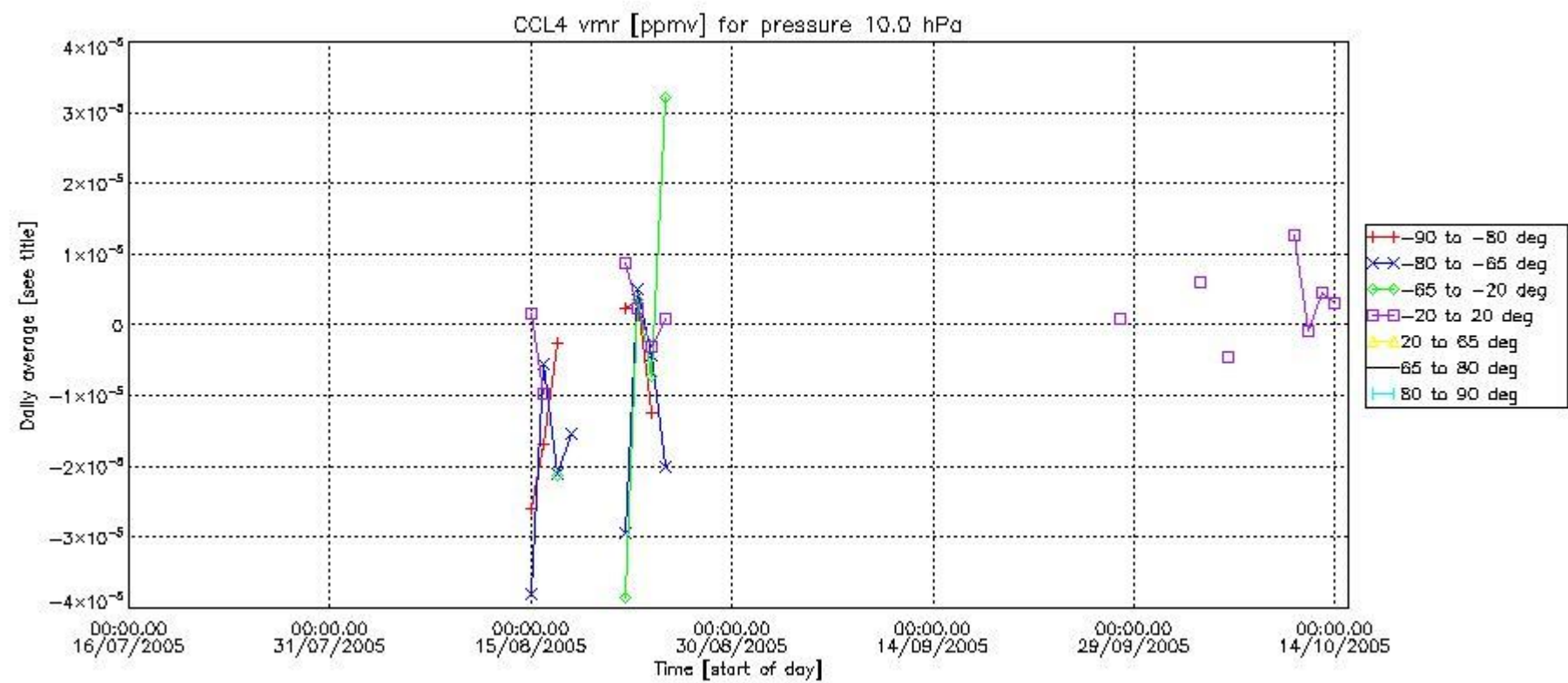
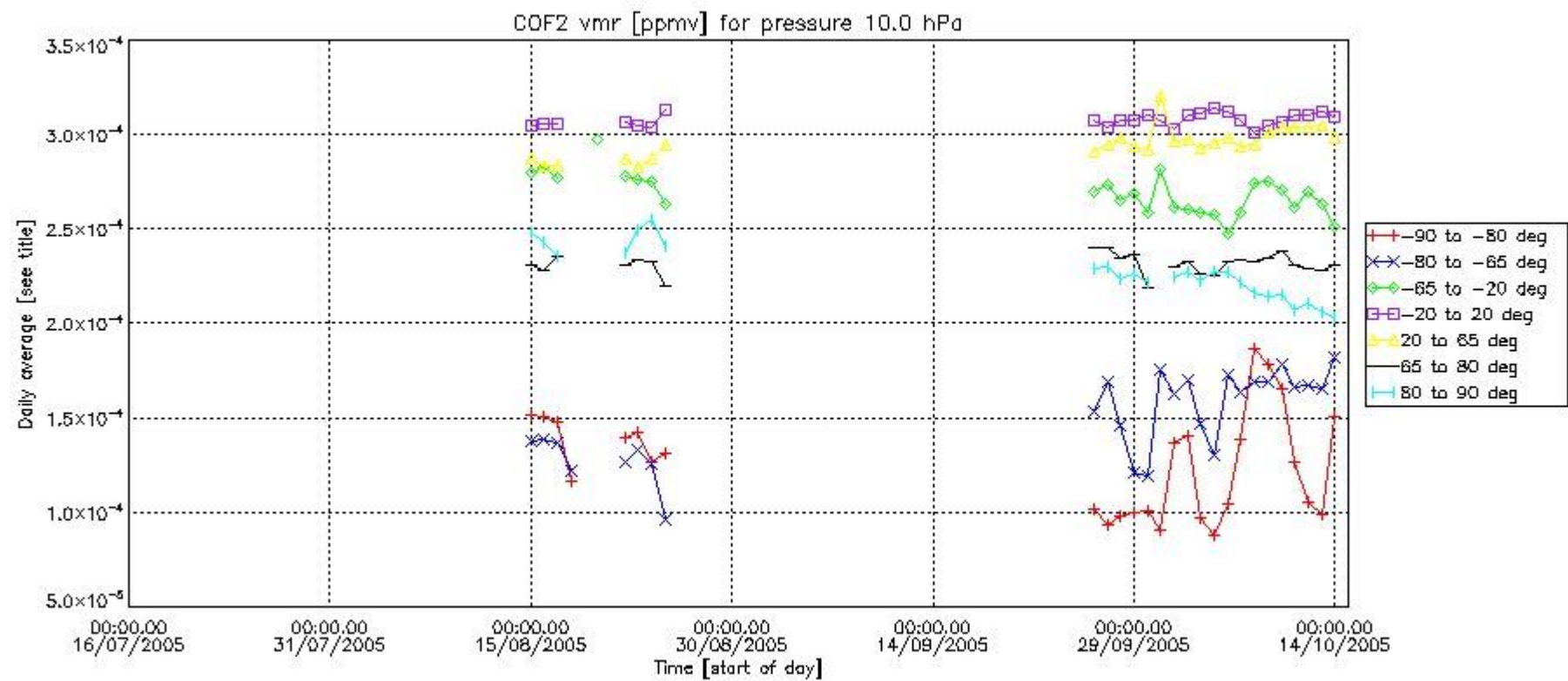


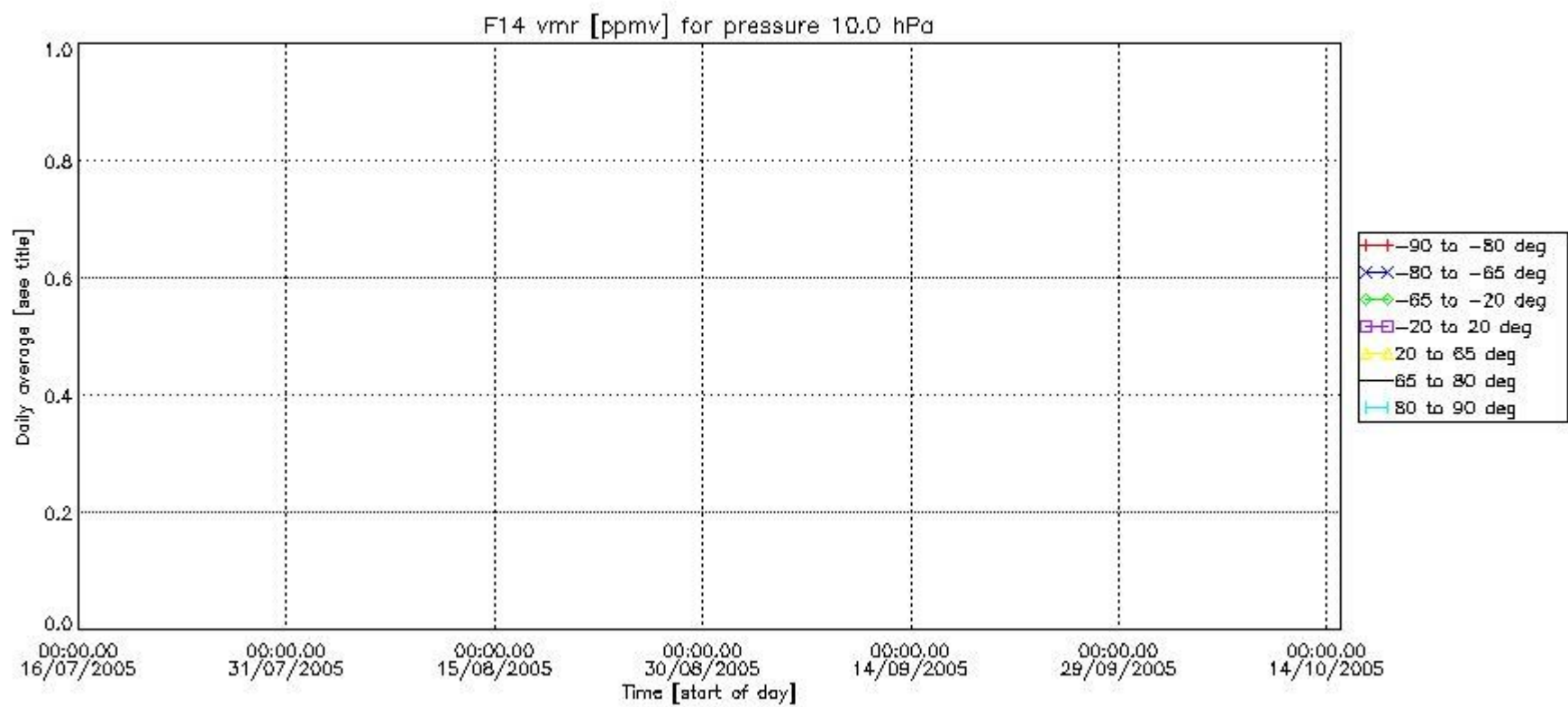
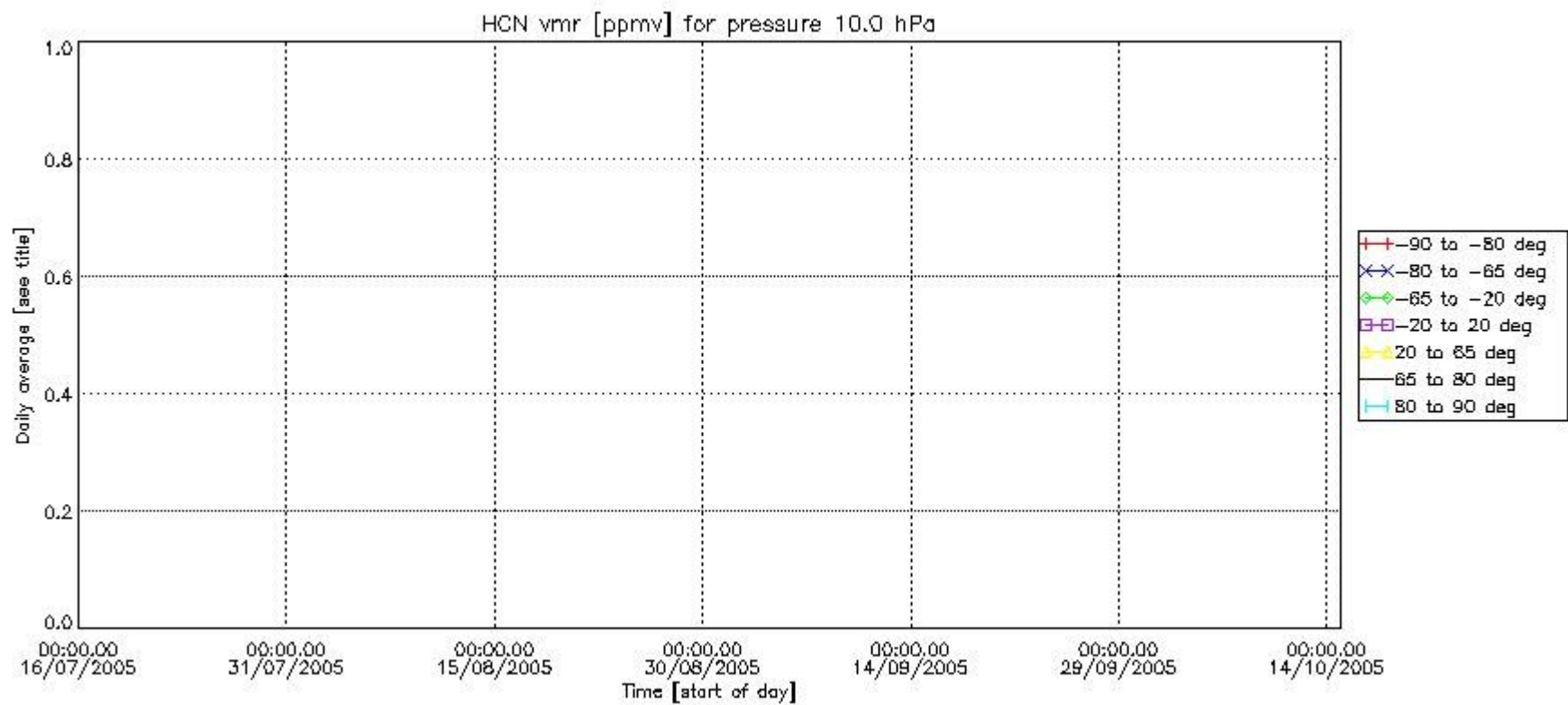


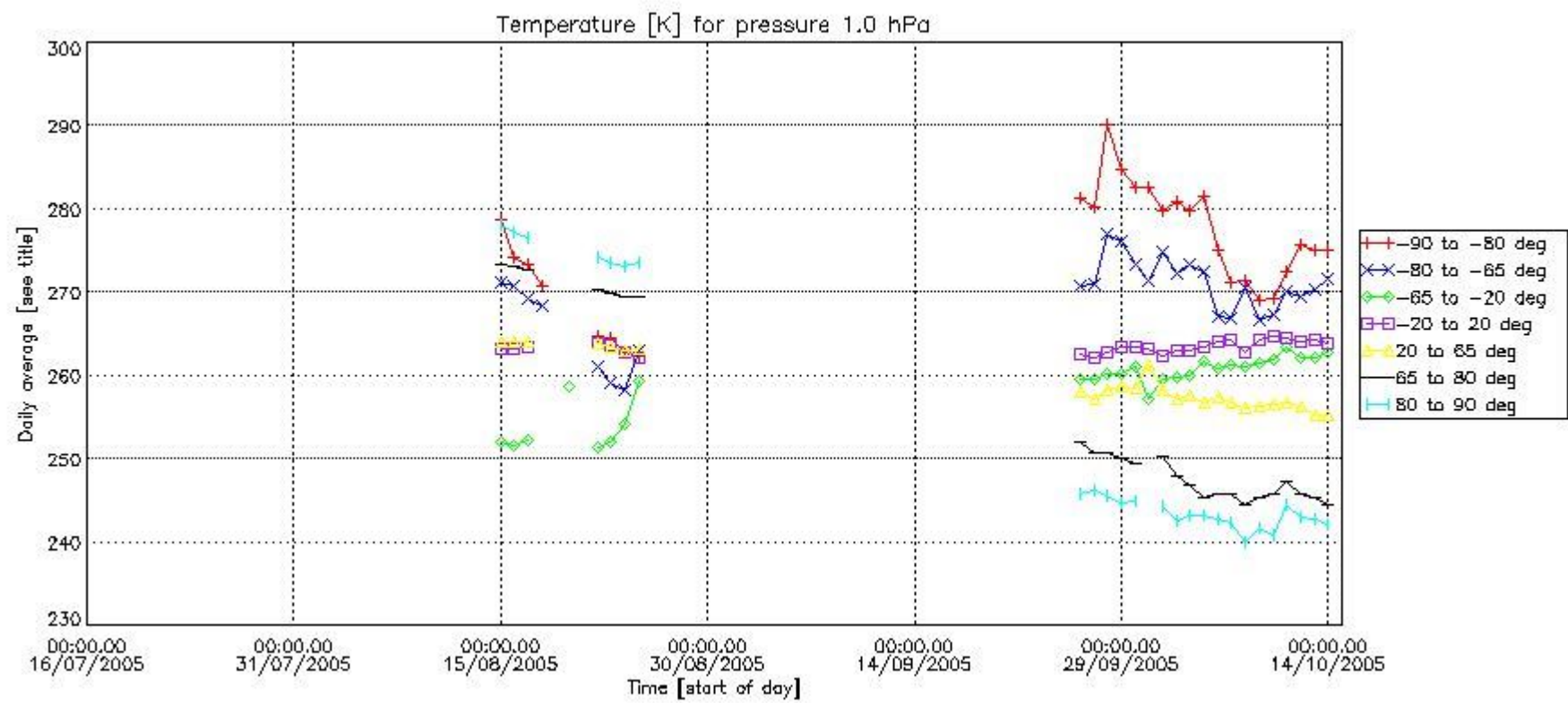
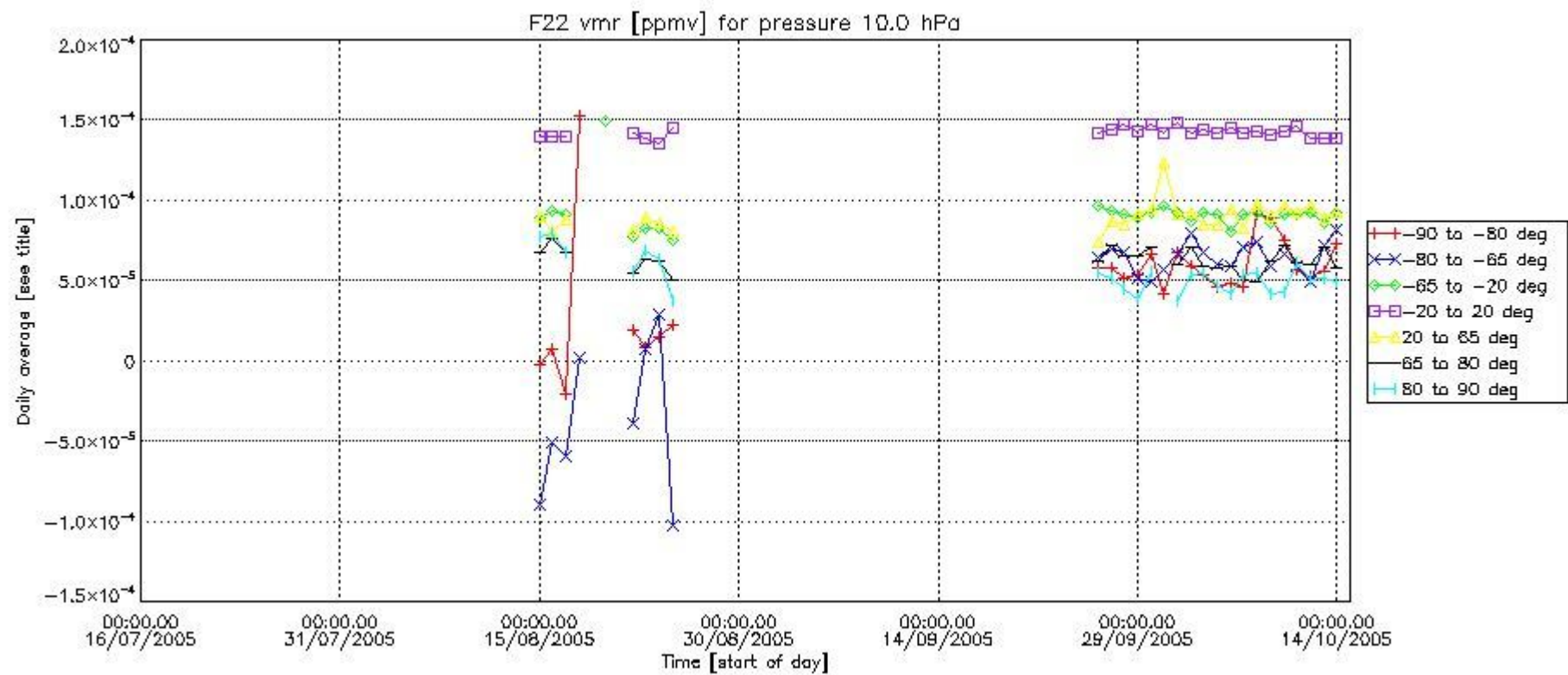


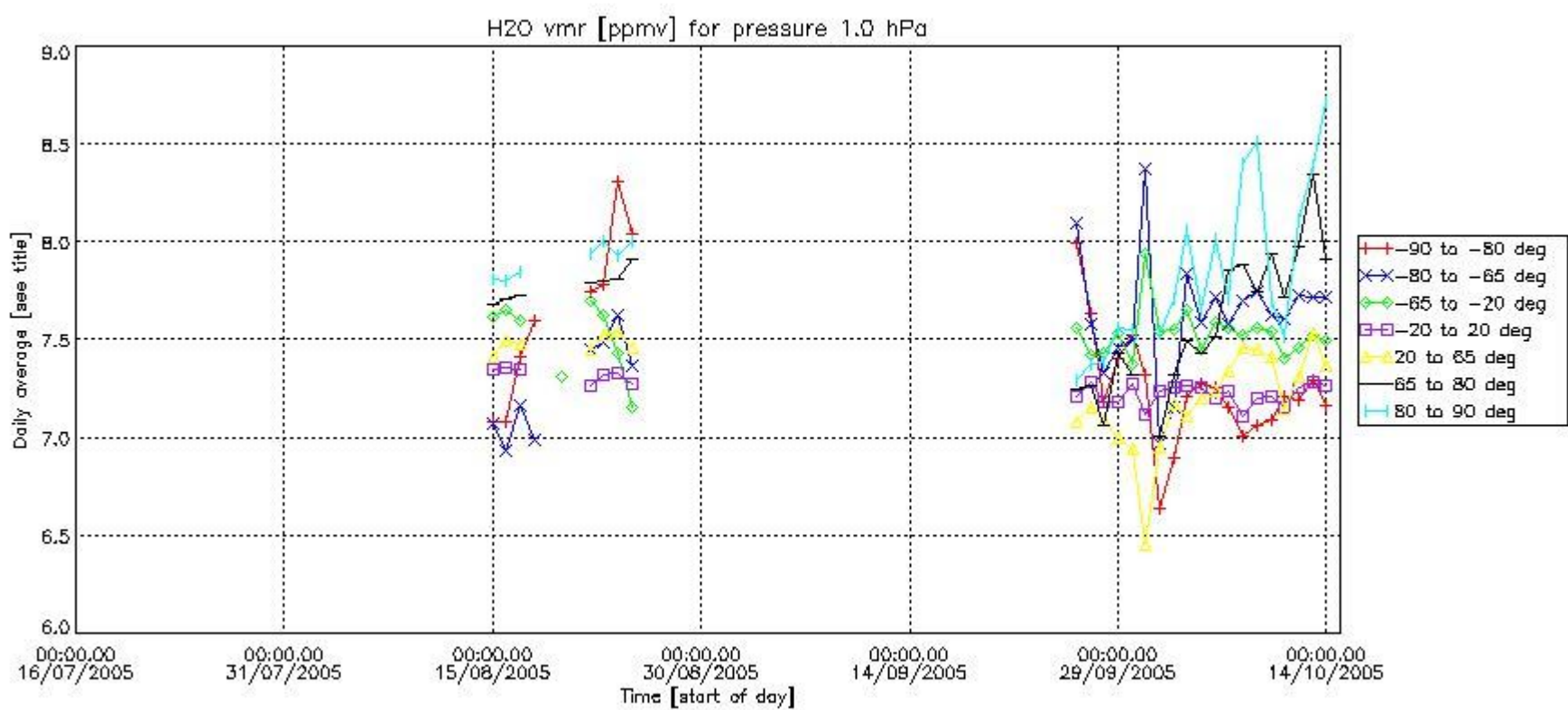
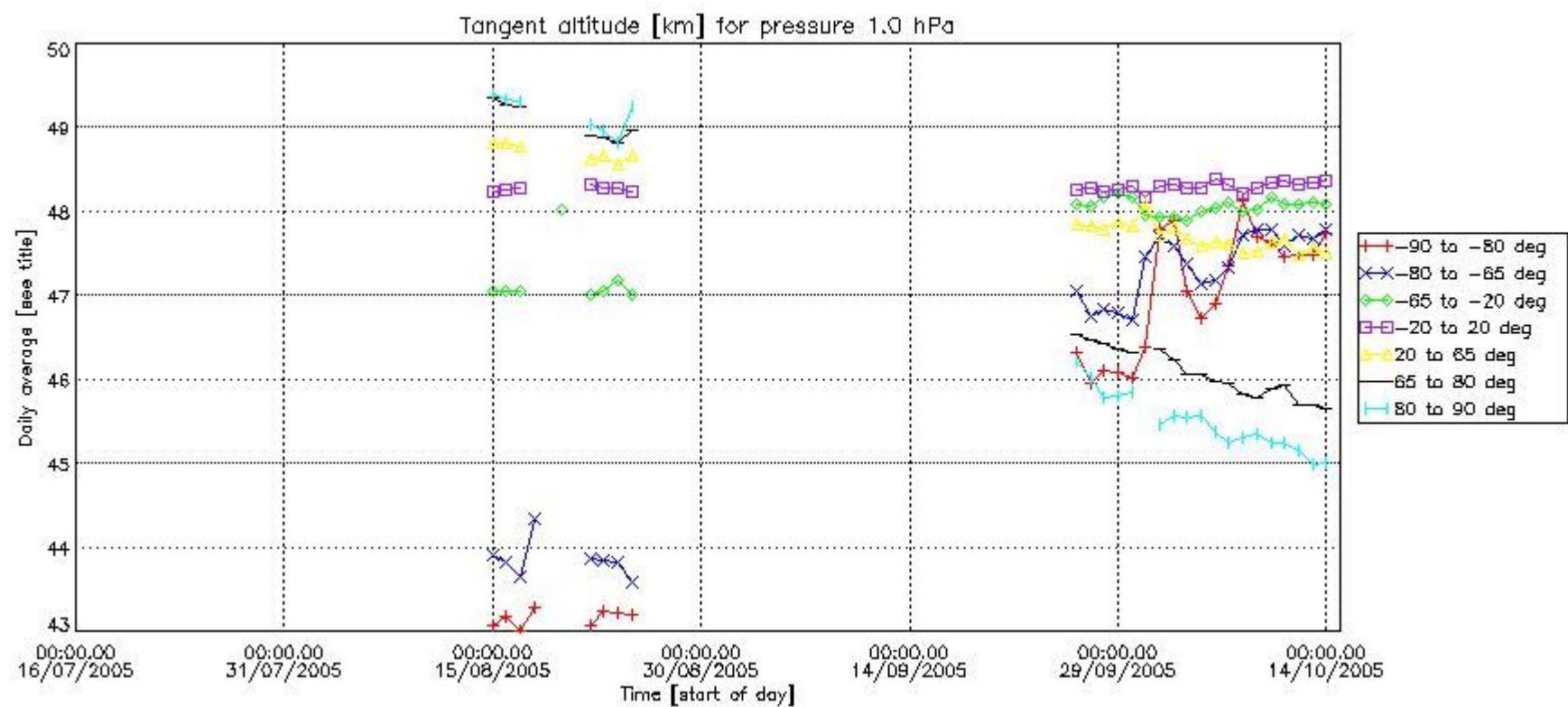


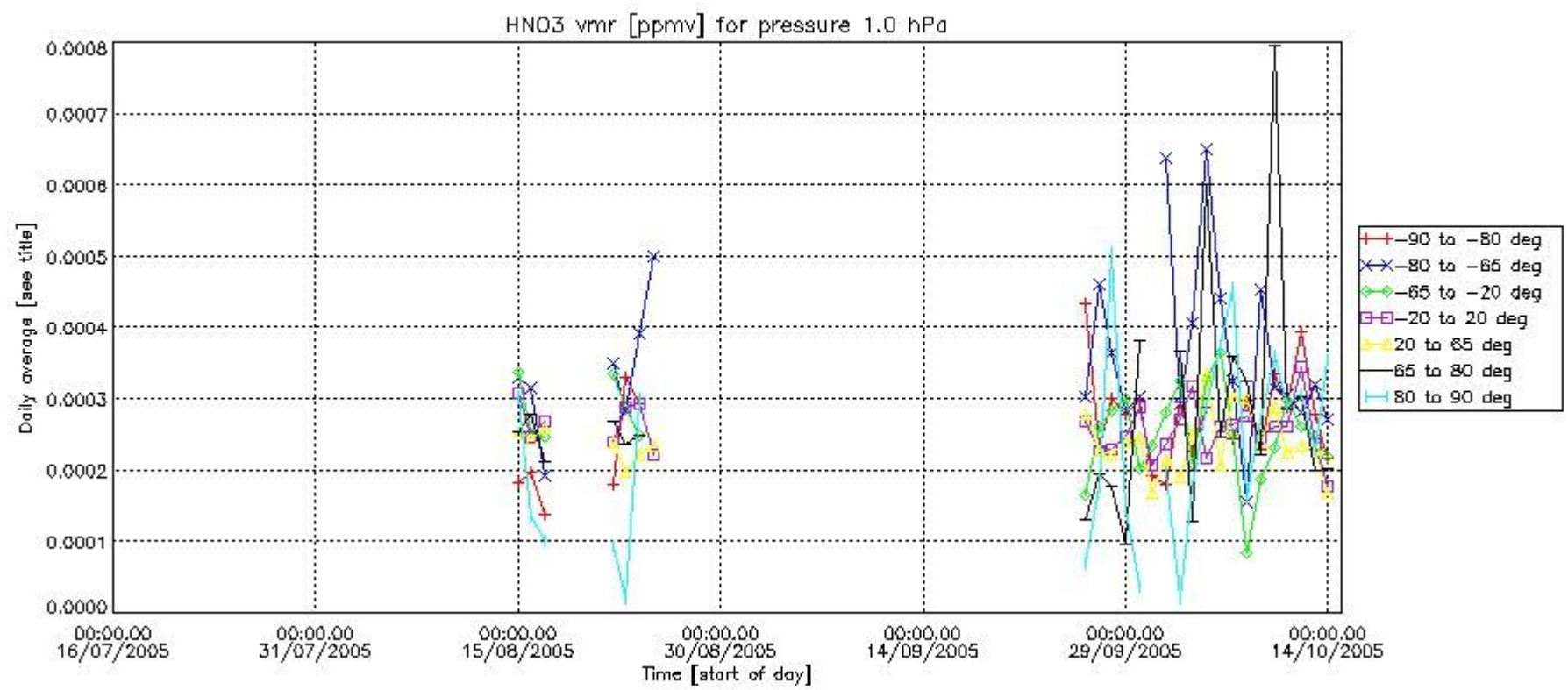
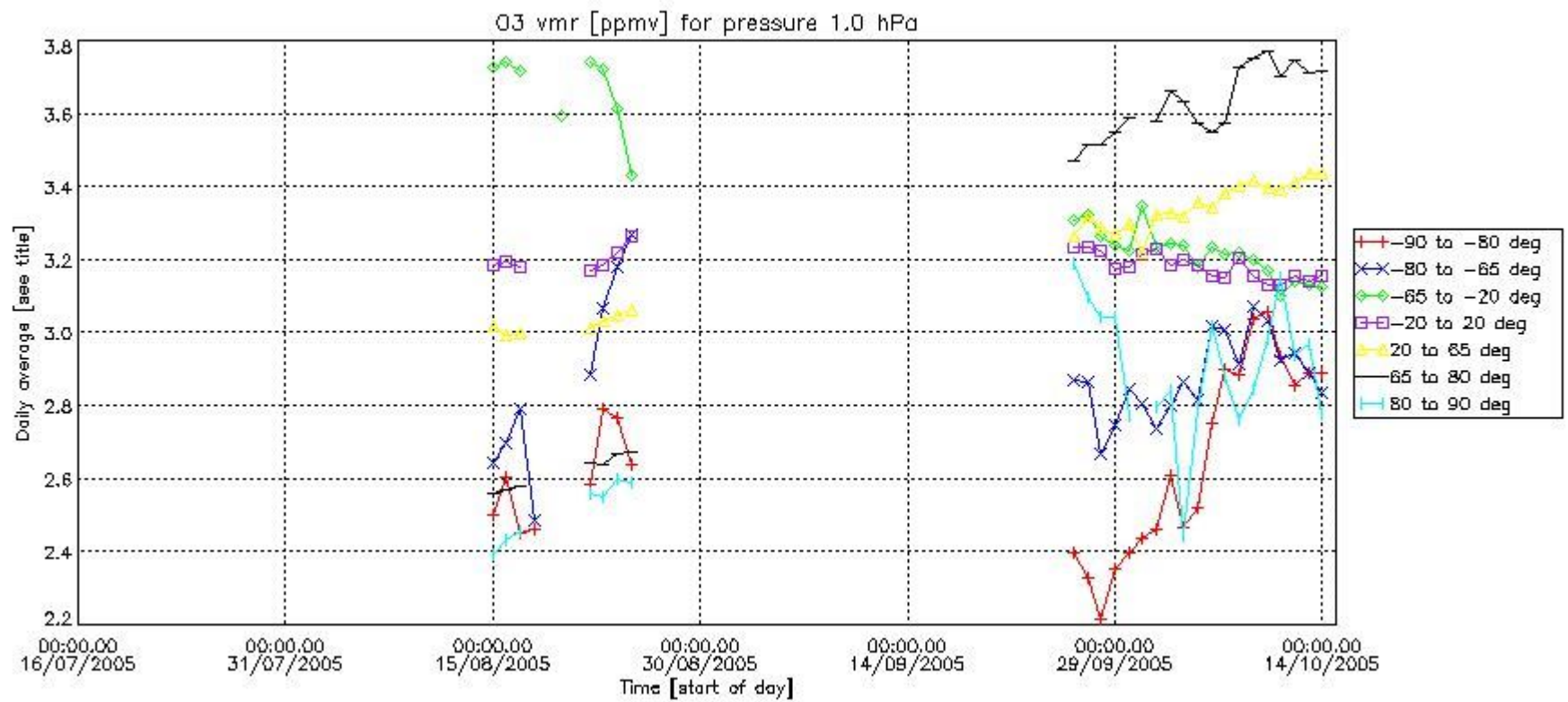


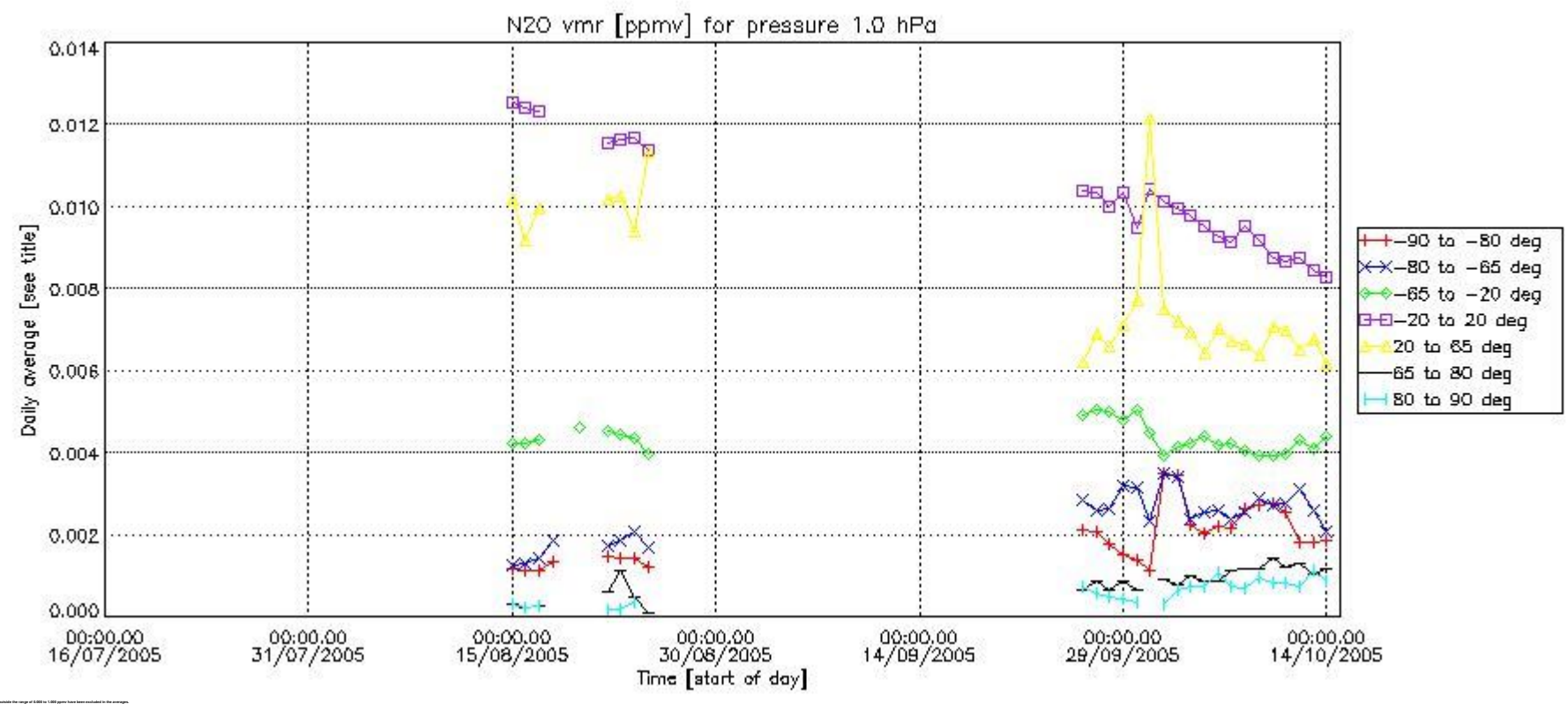
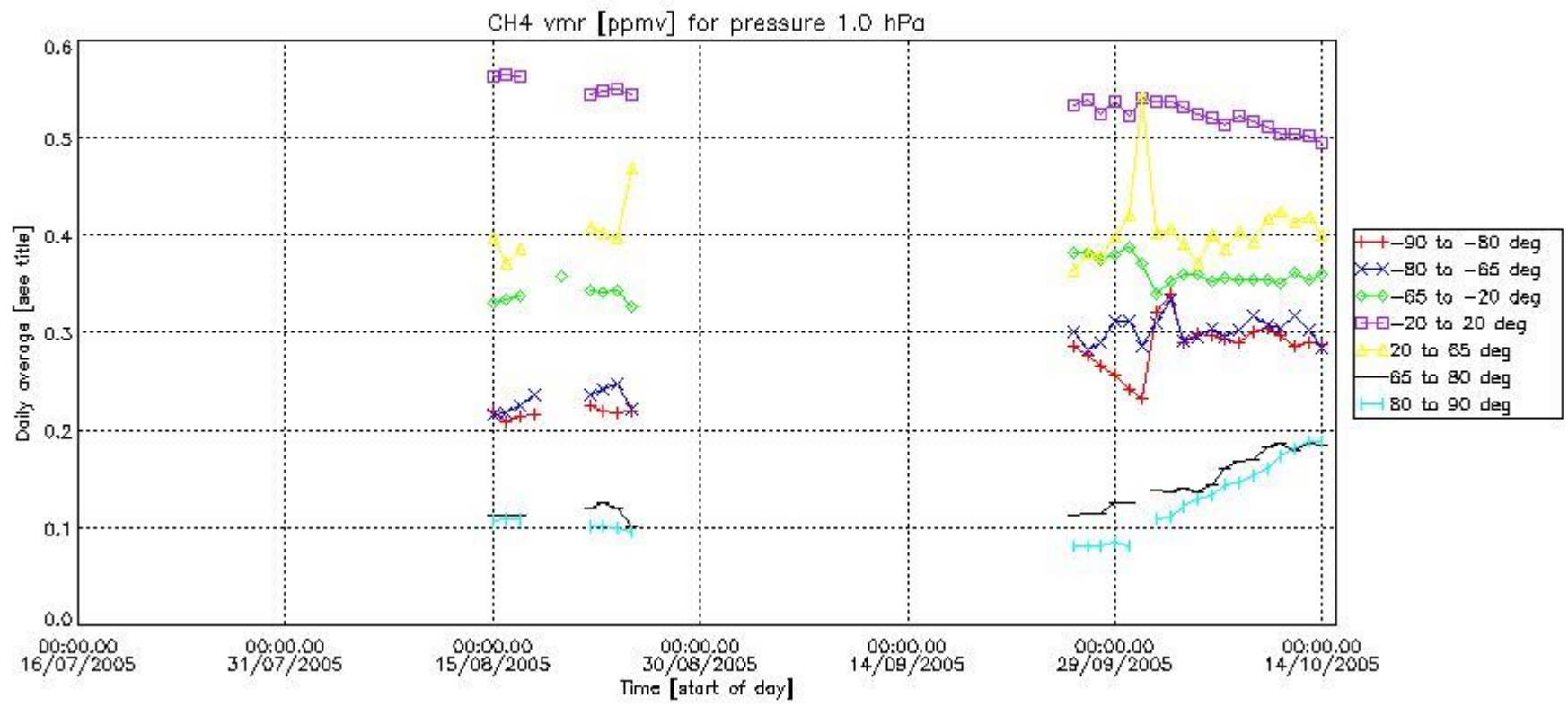


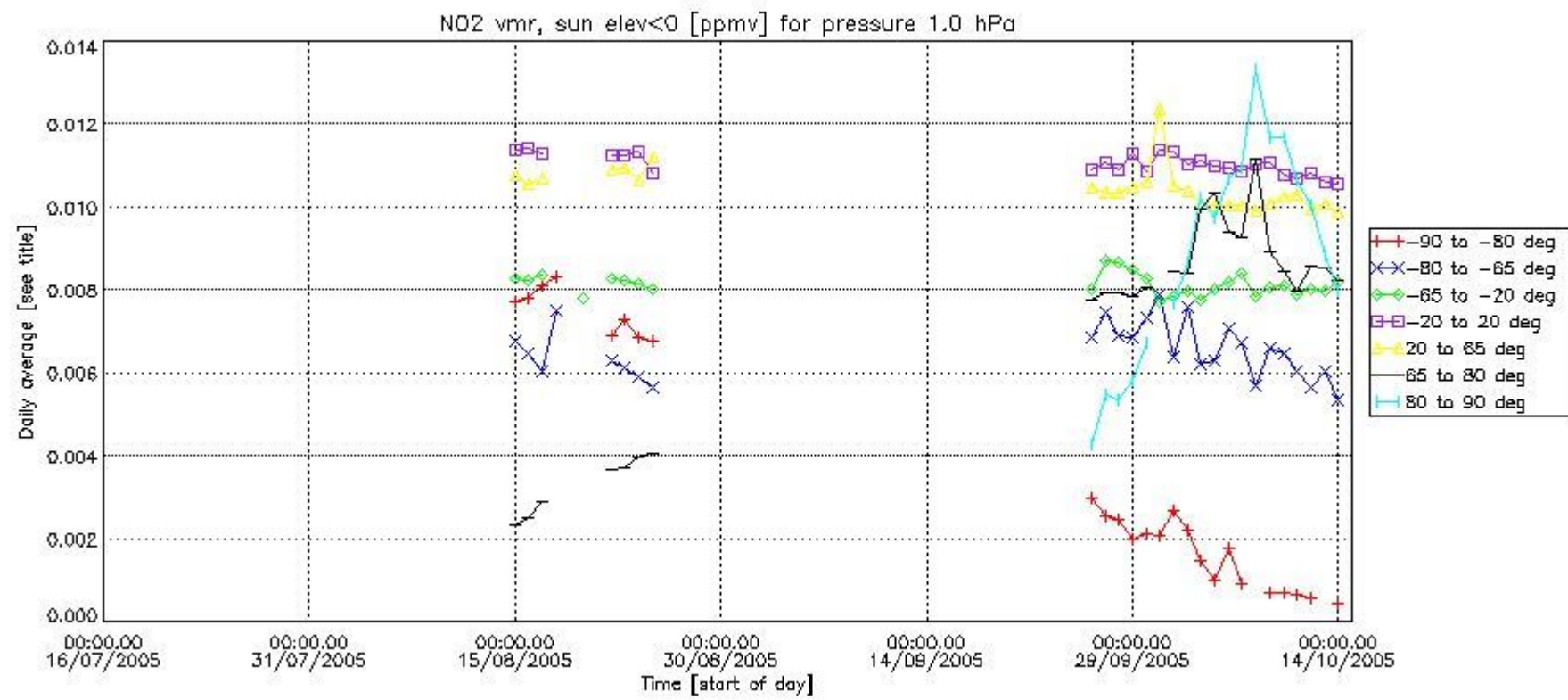
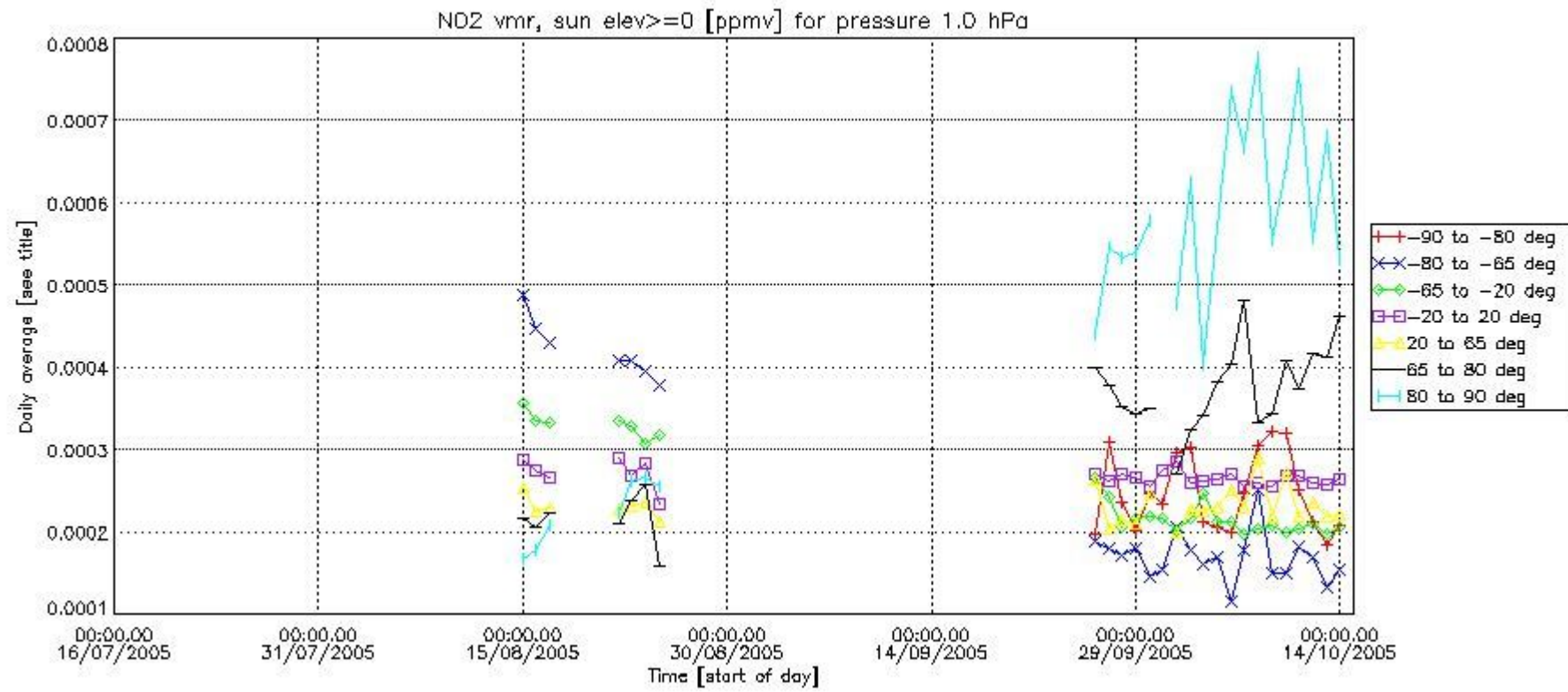


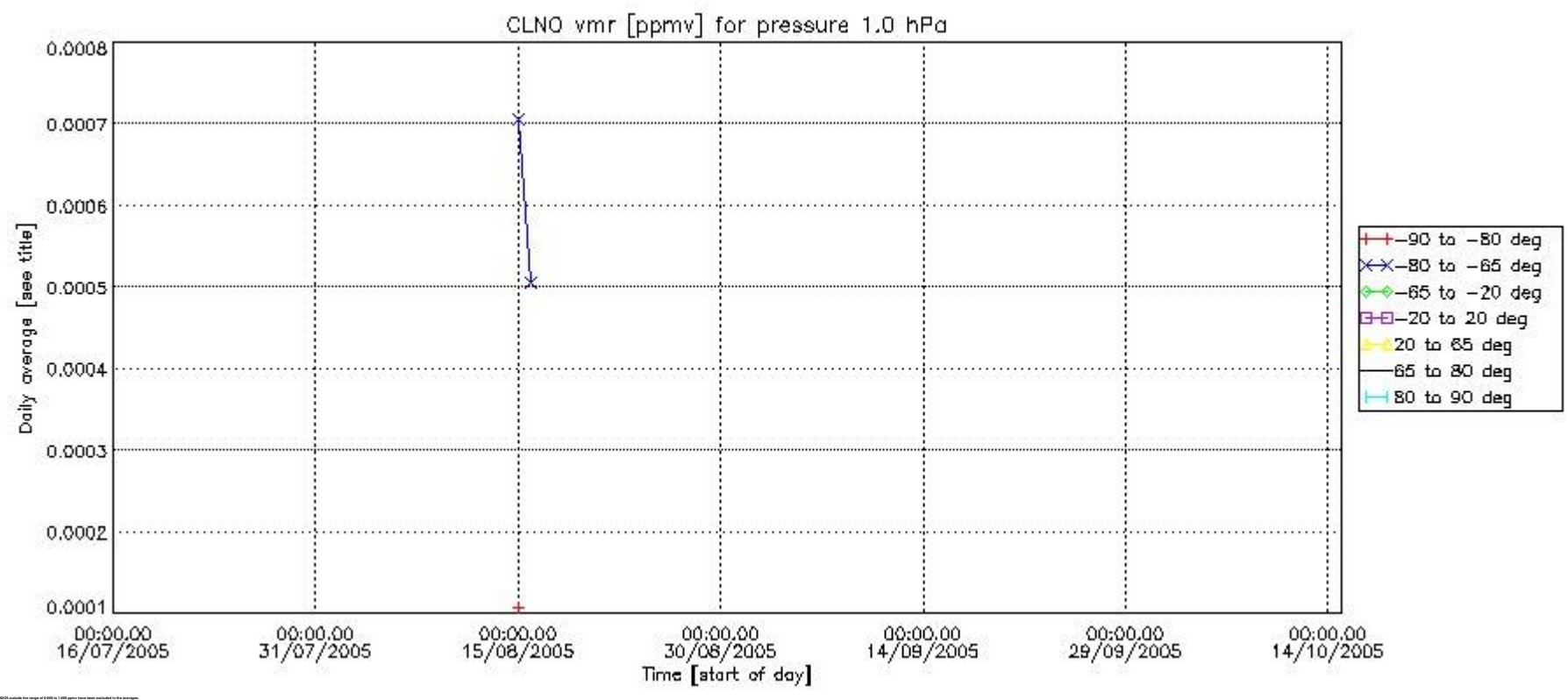
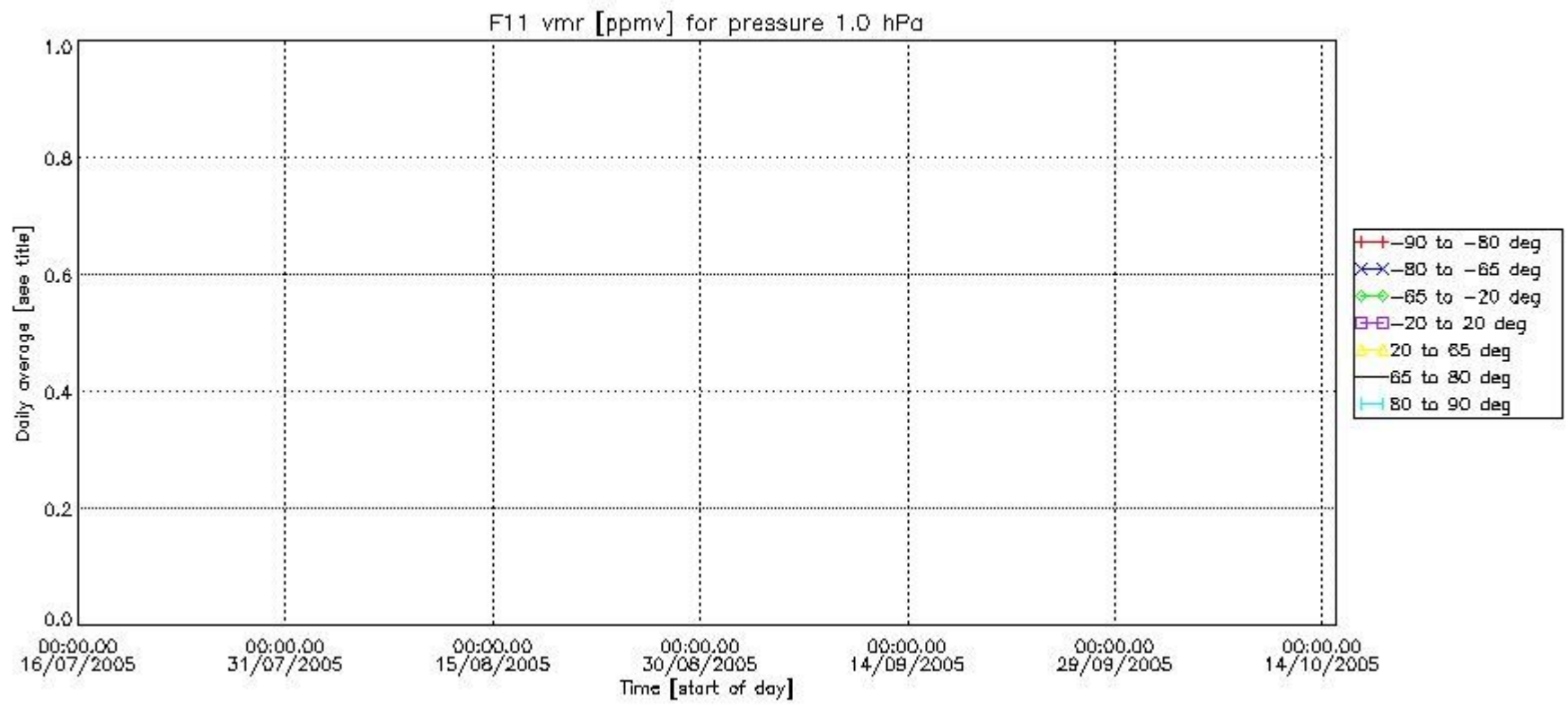


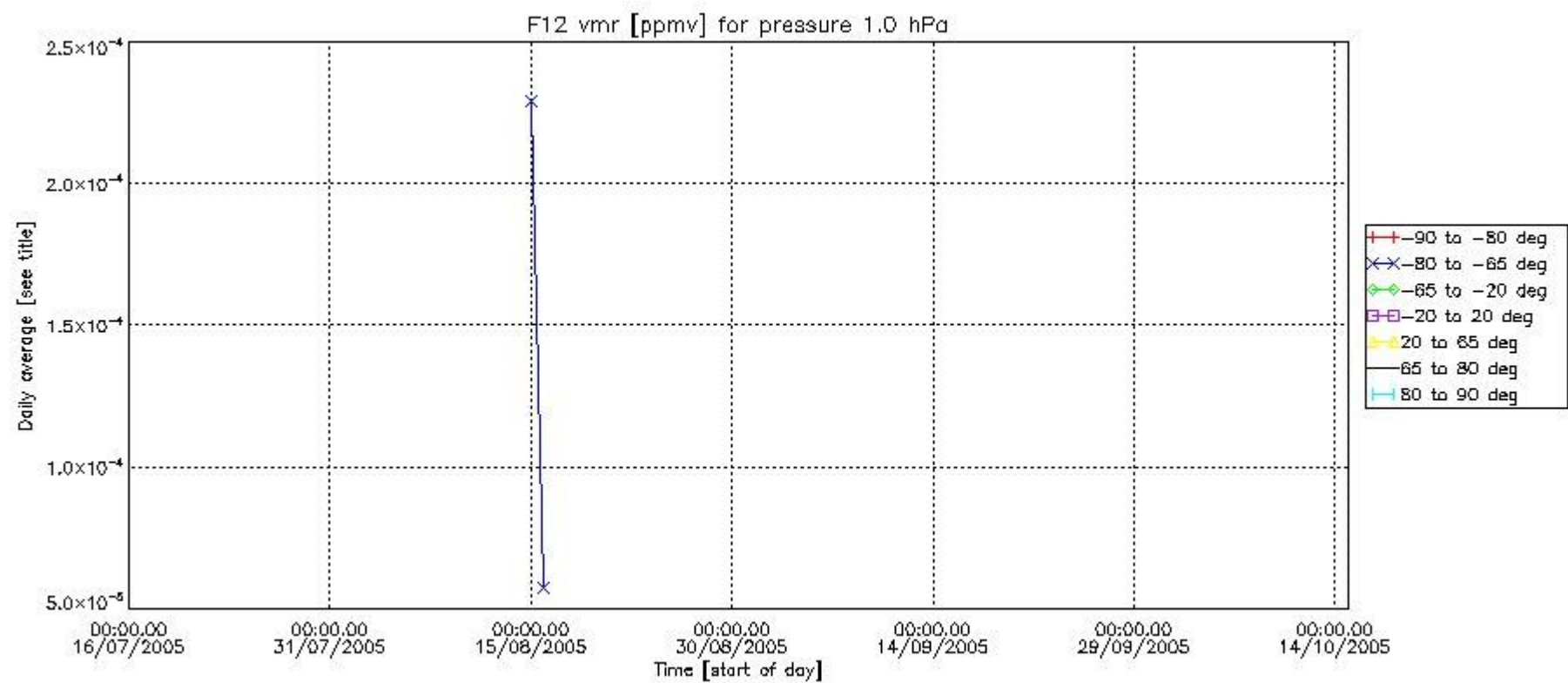
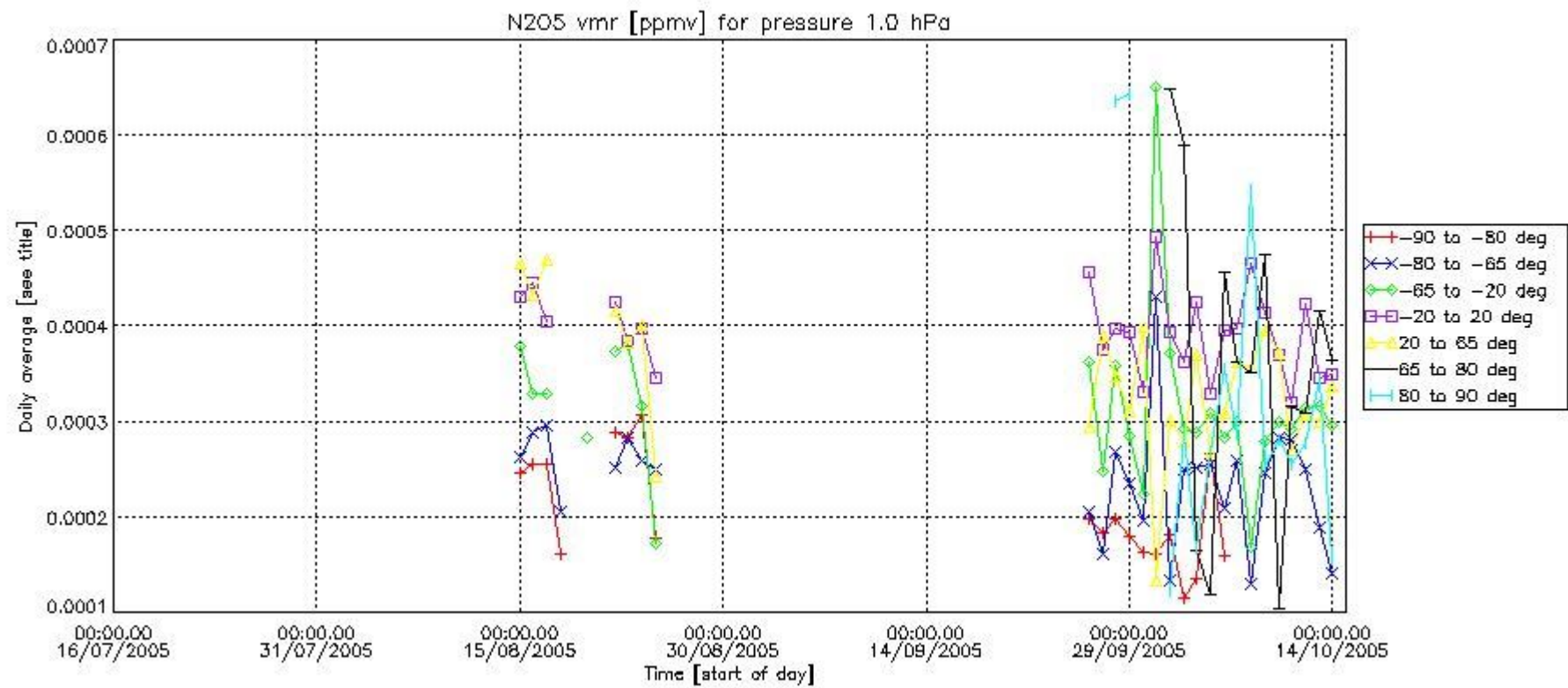


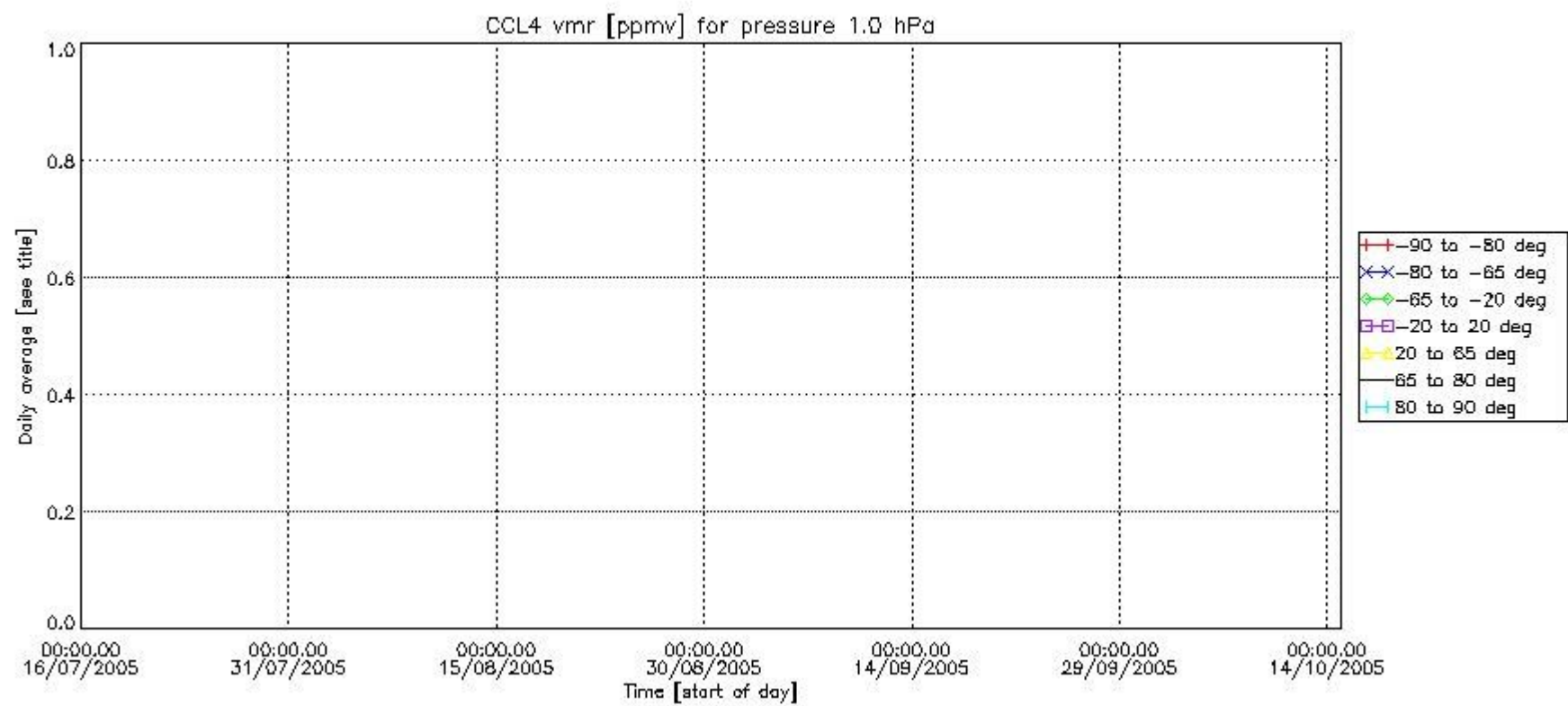
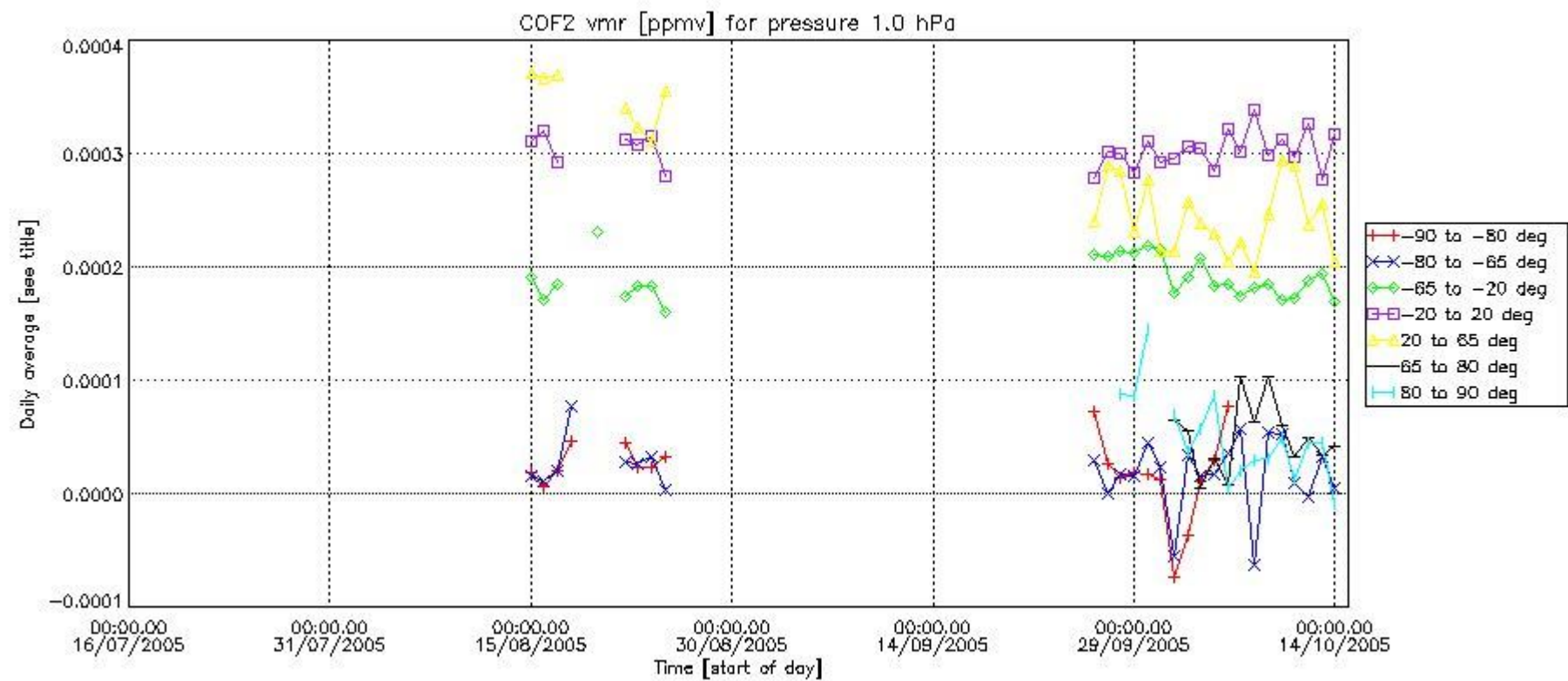


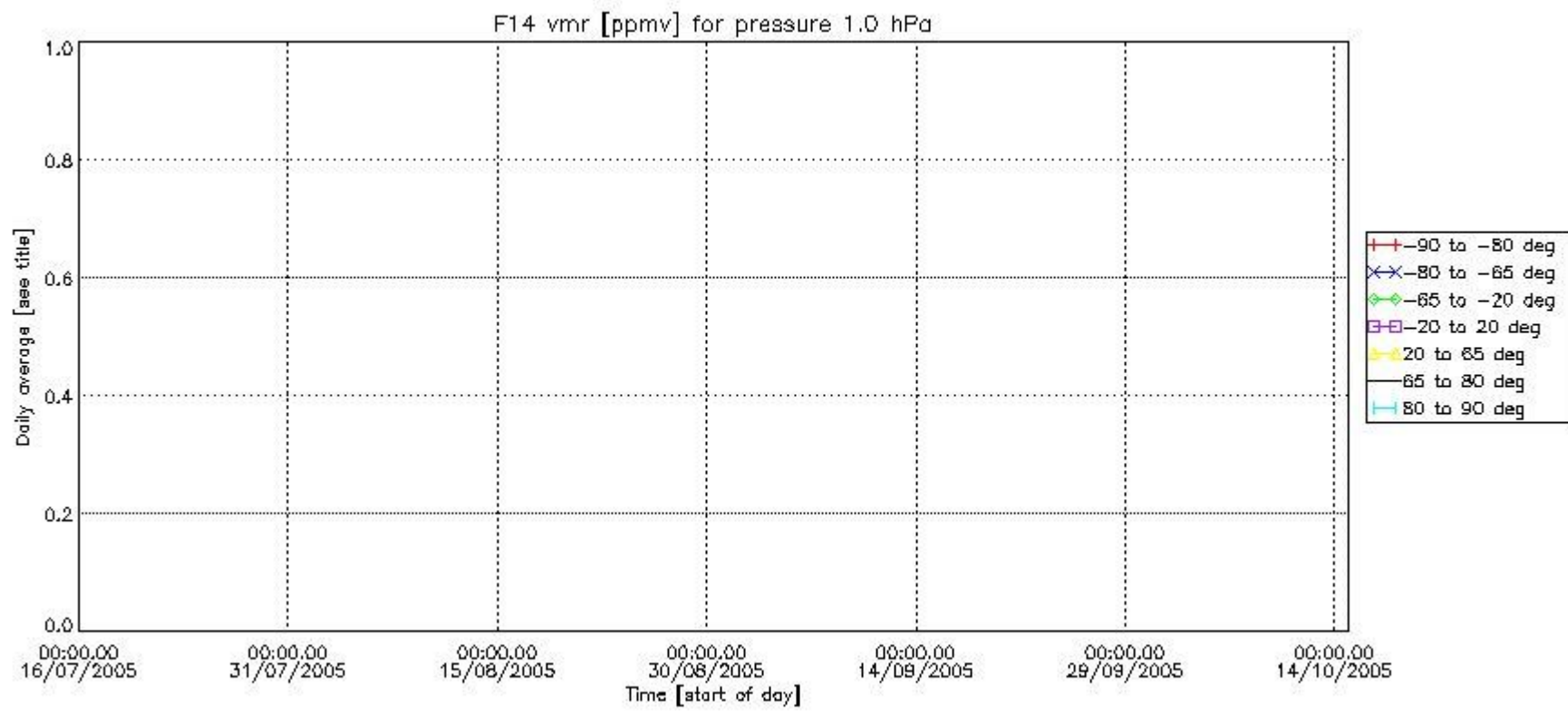
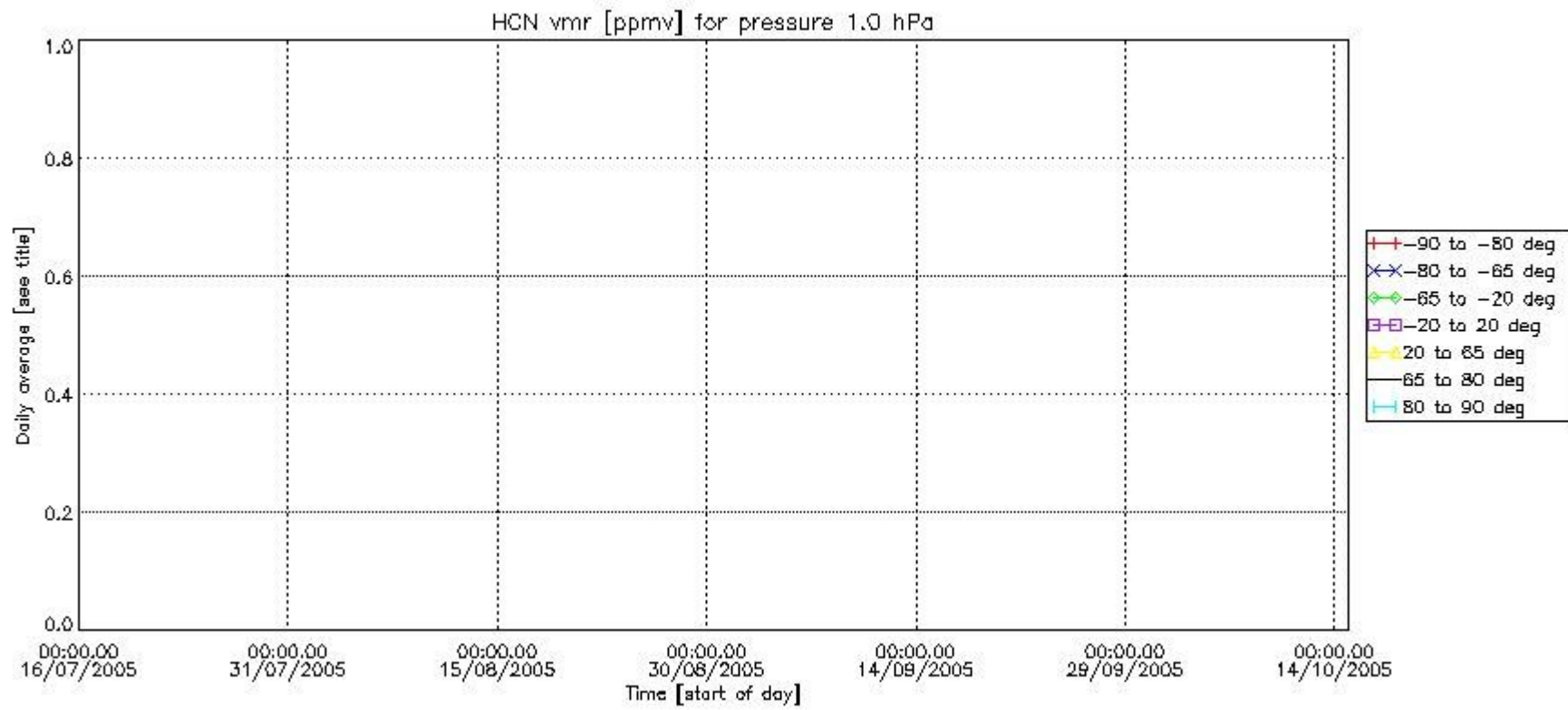


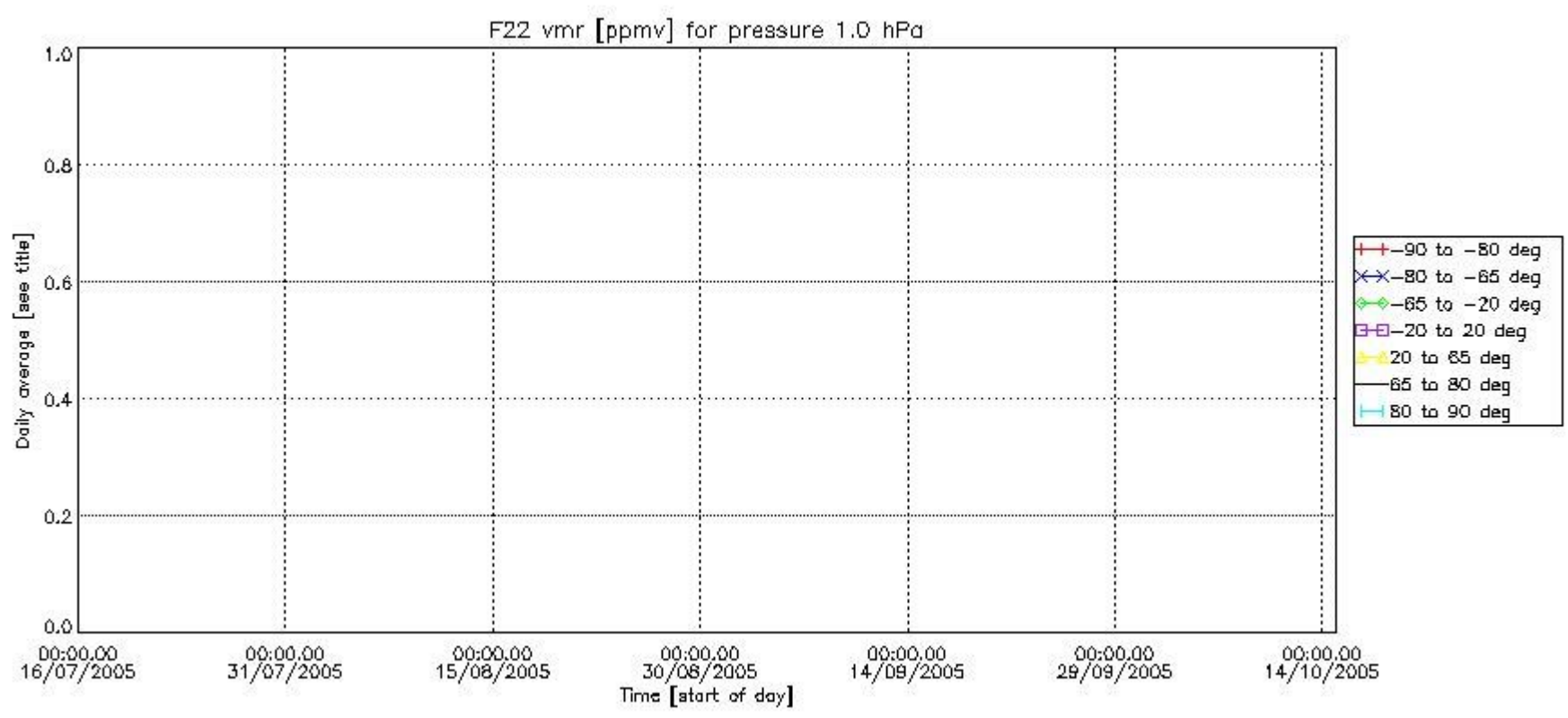












Number of successful retrievals vs. geolocation (*=day side , triangle=night side).

