

2. MIPAS Daily Report for level 2 products summary report

(See [mipas_daily_report_level2_ML2PP_7_03_W_20051012.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 15:37:04
Data source version	ML2PP/7.03-W
Processing scope for products	12OCT2005 00:00:00 to 13OCT2005 00:00:00
Start time of first product within scope	11OCT2005 23:49:26
Stop time of last product within scope	13OCT2005 00:58:25
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_2PWDSI20051011_234926_000060352041_00317_18908_1000.N1	11OCT2005 23:49:26	12OCT2005 01:30:02	0	133/133	
1	MIP_NL_2PWDSI20051012_013008_000005062041_00318_18909_1000.N1	12OCT2005 01:30:08	12OCT2005 01:38:34	0	11/11	
2	MIP_NL_2PWDSI20051012_063529_000057672041_00321_18912_1000.N1	12OCT2005 06:35:29	12OCT2005 08:11:36	0	103/103	
3	MIP_NL_2PWDSI20051012_081226_000043032041_00322_18913_1000.N1	12OCT2005 08:12:26	12OCT2005 09:24:10	0	90/90	VMR_TERM_MACRO_MICRO[HCN/micro:1]
4	MIP_NL_2PWDSI20051012_181941_000057662041_00328_18919_1000.N1	12OCT2005 18:19:41	12OCT2005 19:55:48	0	103/103	VMR_TERM_MACRO_MICRO[HCN/macro:1; HCN/micro:2]
5	MIP_NL_2PWDSI20051012_195638_000055182041_00329_18920_1000.N1	12OCT2005 19:56:38	12OCT2005 21:28:35	0	117/117	VMR_TERM_MACRO_MICRO[HCN/macro:2; HCN/micro:1]
6	MIP_NL_2PWDSI20051012_222933_000028902041_00330_18921_1000.N1	12OCT2005 22:29:33	12OCT2005 23:17:43	0	64/64	
7	MIP_NL_2PWDSI20051012_231750_000060362041_00331_18922_1000.N1	12OCT2005 23:17:50	13OCT2005 00:58:25	0	133/133	VMR_TERM_MACRO_MICRO[HCN/micro:1]

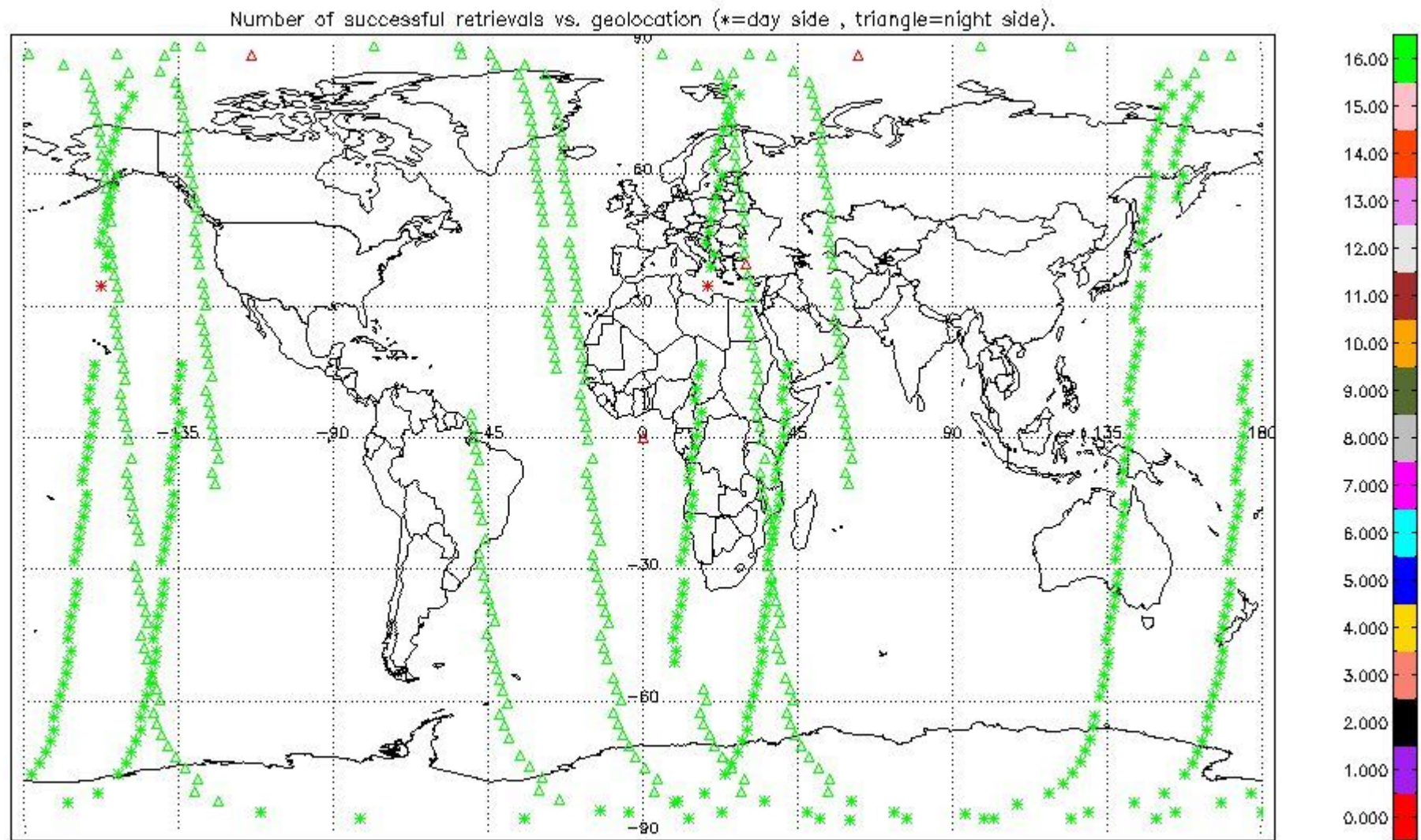
2.2 Processing performance indicators

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.

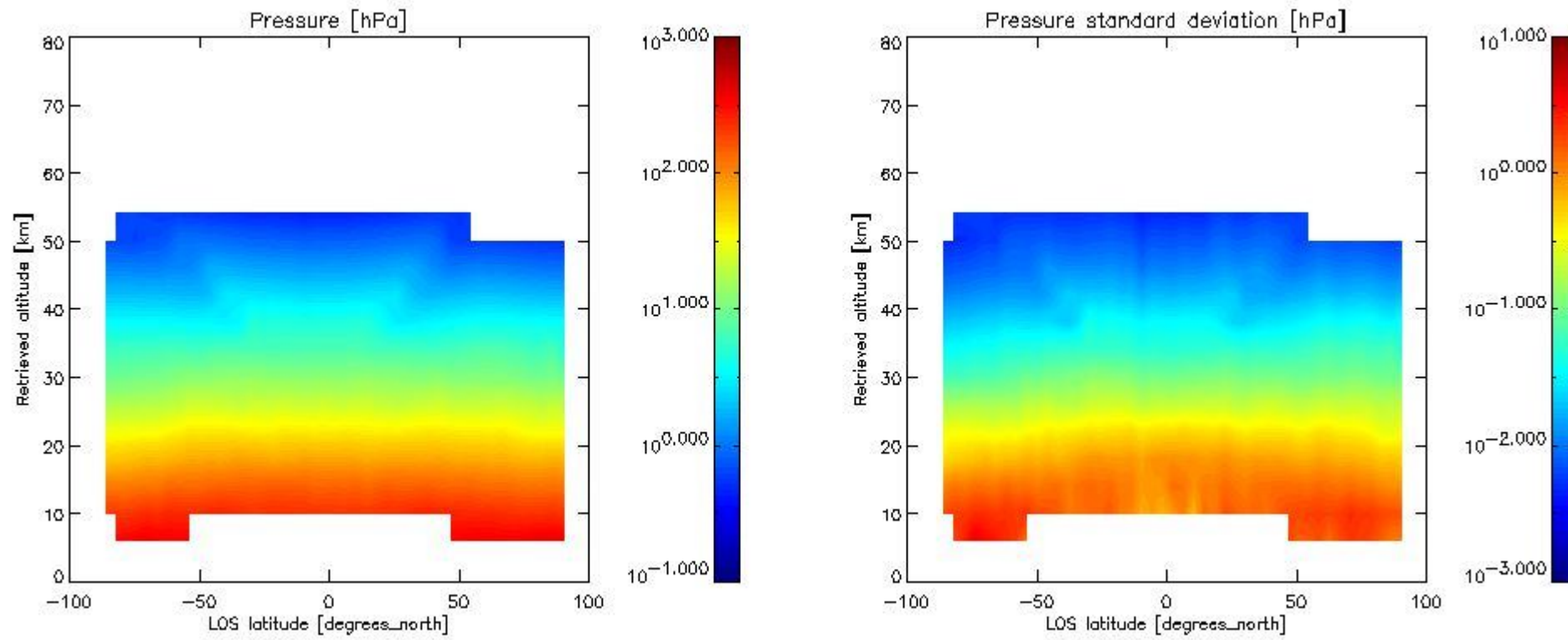
RETRIEVAL MDS	# scans processed	# Successful retrievals	%
PT	754	654	86.737
H2O	754	654	86.737

O3	754	654	86.737
HNO3	754	654	86.737
CH4	754	654	86.737
N2O	754	654	86.737
NO2	754	654	86.737
F11	754	654	86.737
CLNO	754	654	86.737
N2O5	754	654	86.737
F12	754	654	86.737
COF2	754	654	86.737
CCL4	754	654	86.737
HCN	754	654	86.737
F14	754	654	86.737
F22	754	654	86.737



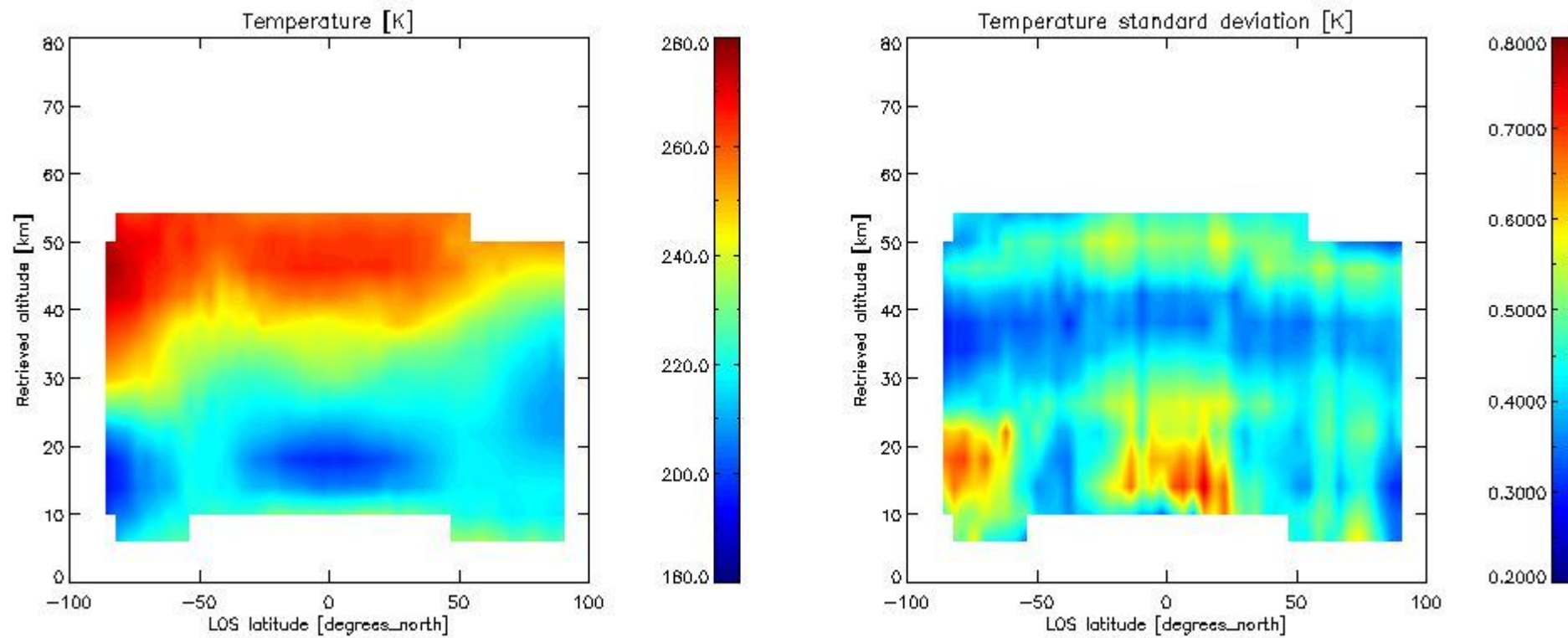
2.2.2 Pressure overview

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



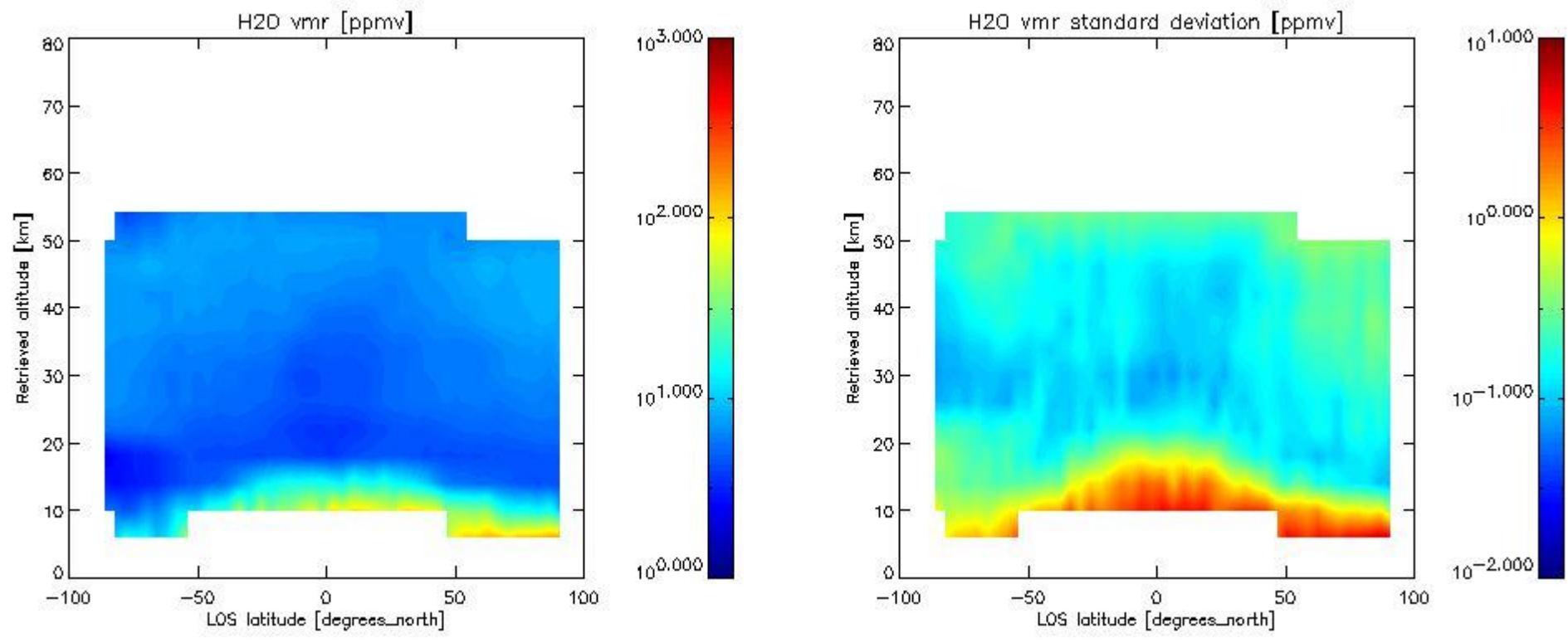
2.2.3 Temperature overview

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

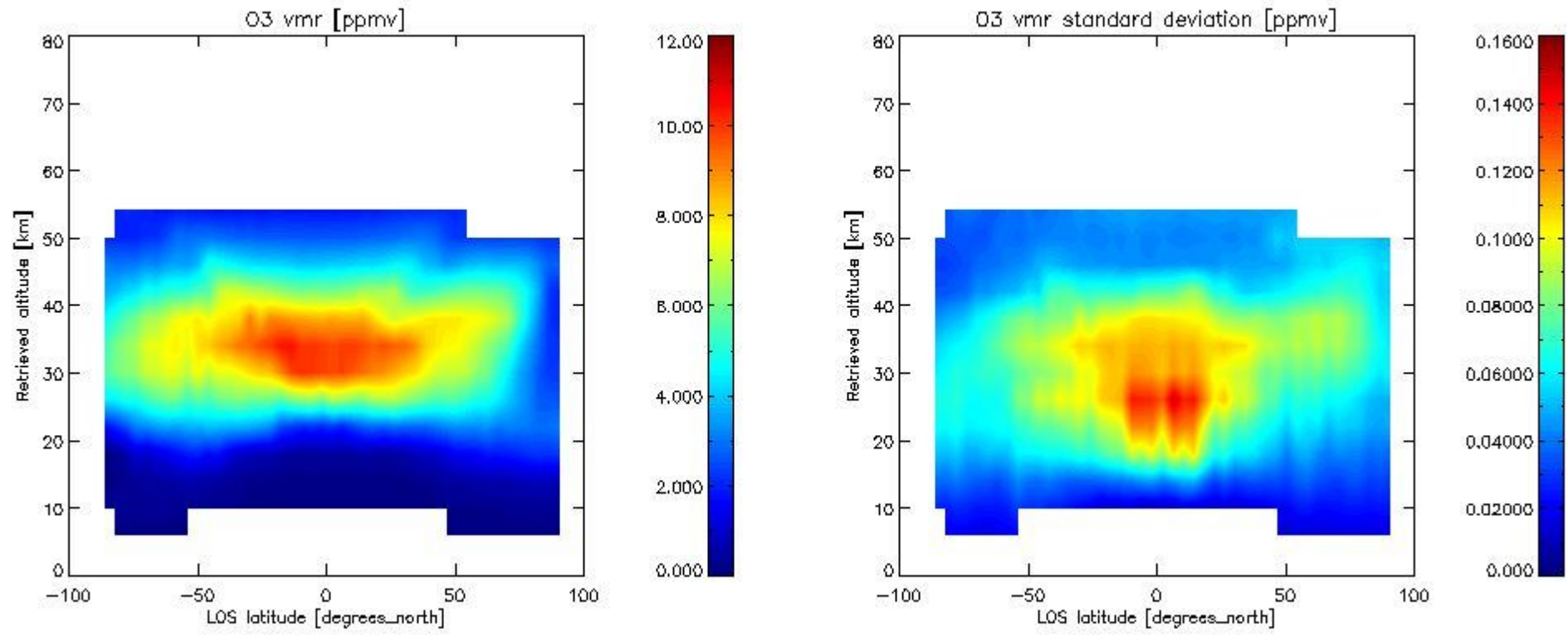


2.2.4 Species overview

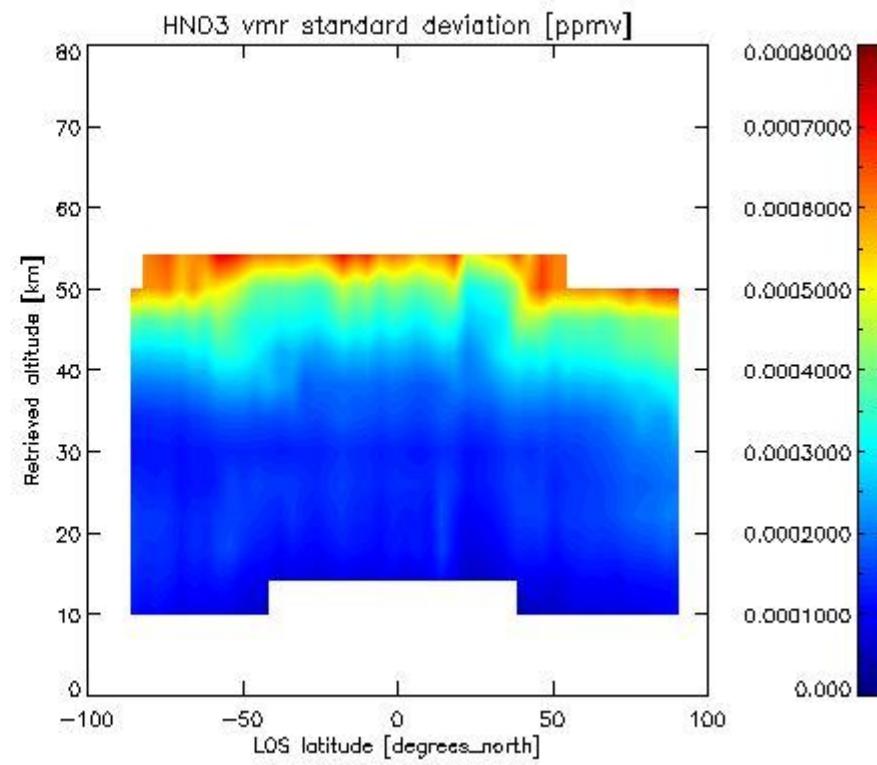
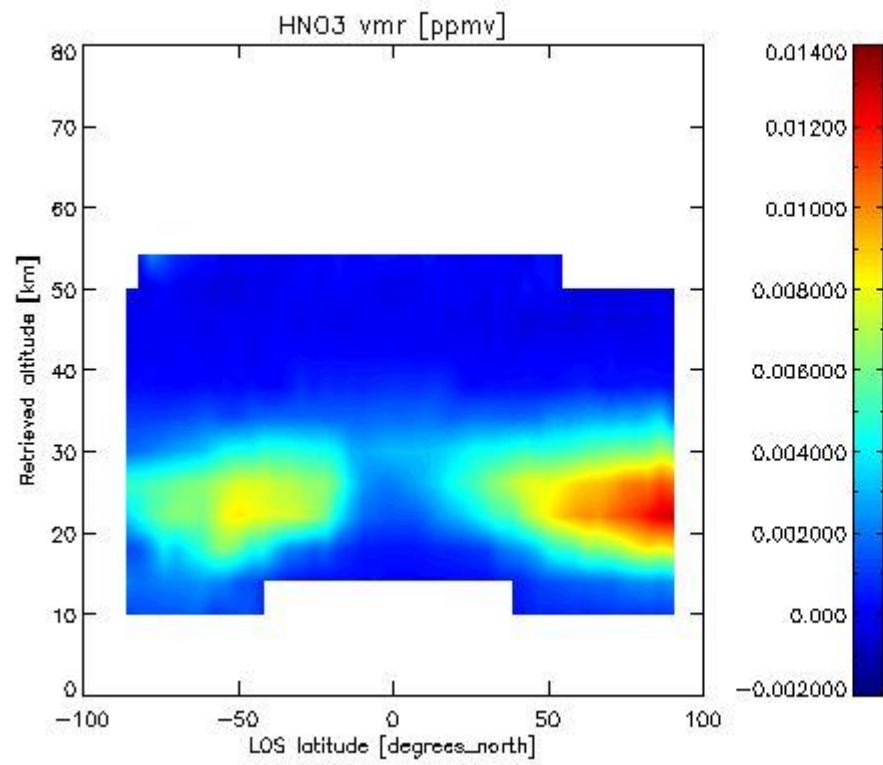
2.2.4.1 H₂O overview This section shows values (left) and error (right) for H₂O after binning individual sweep values over retrieved altitude and tangent latitude.



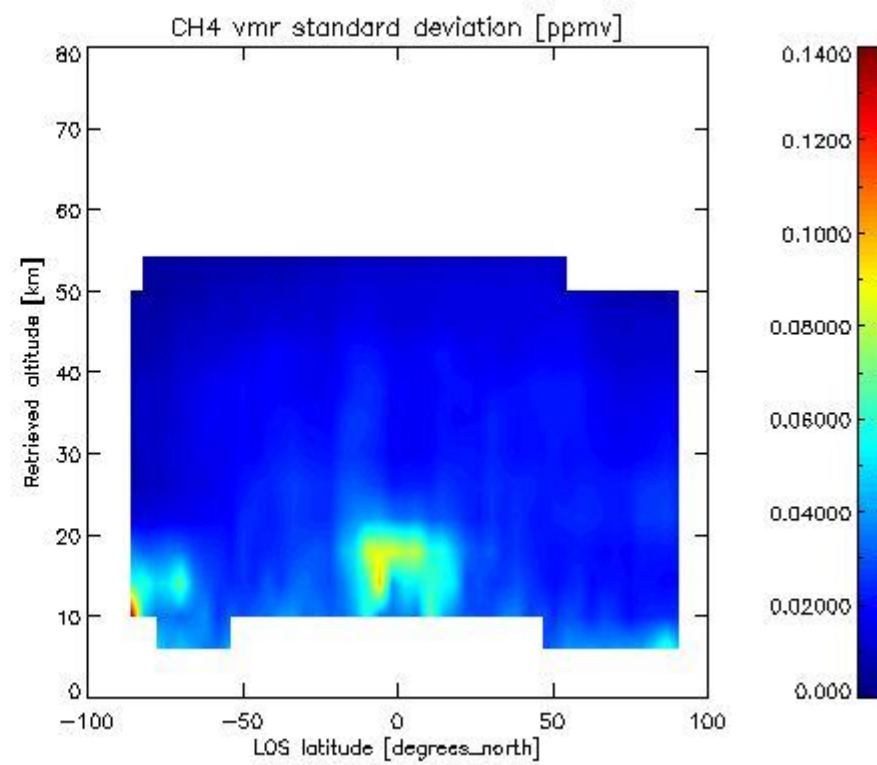
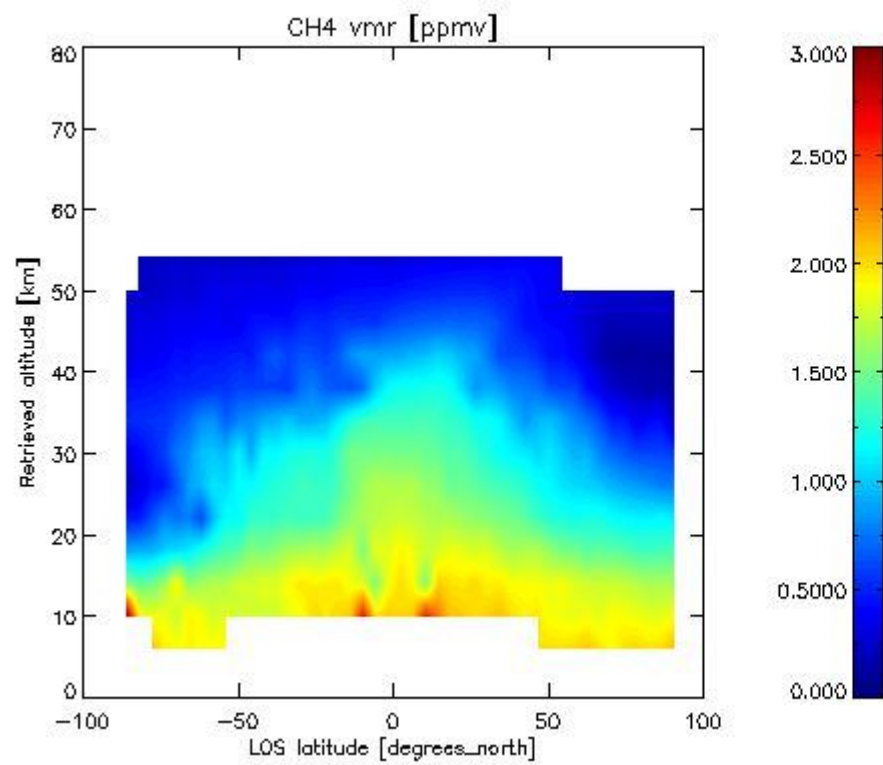
2.2.4.2 O3 overview This section shows values (left) and error (right) for O3 after binning individual sweep values over retrieved altitude and tangent latitude.



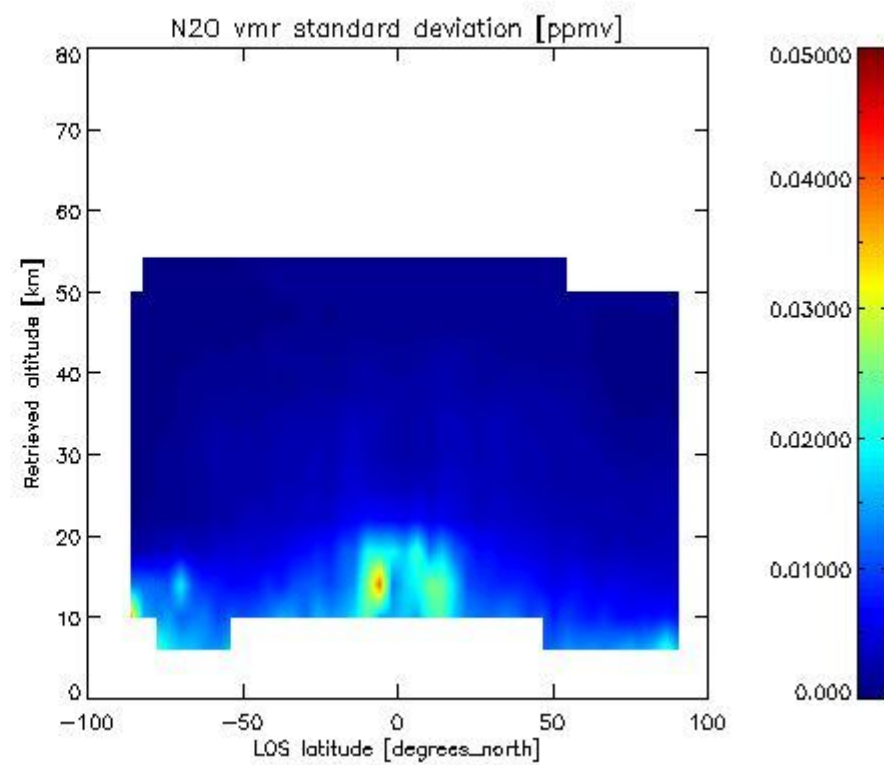
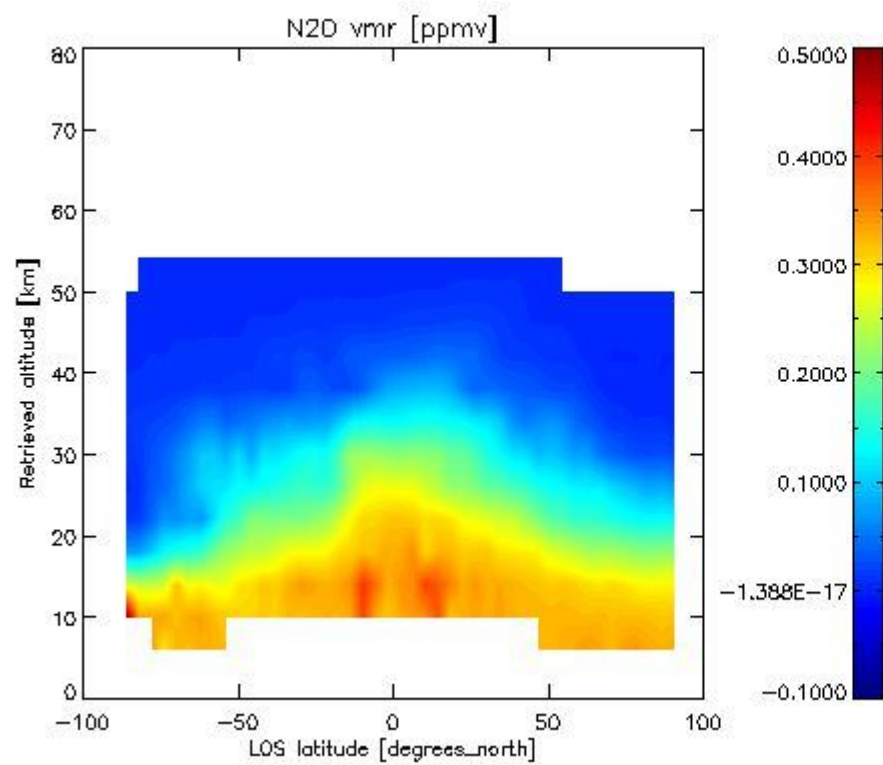
2.2.4.3 HNO3 overview This section shows values (left) and error (right) for HNO3 after binning individual sweep values over retrieved altitude and tangent latitude.



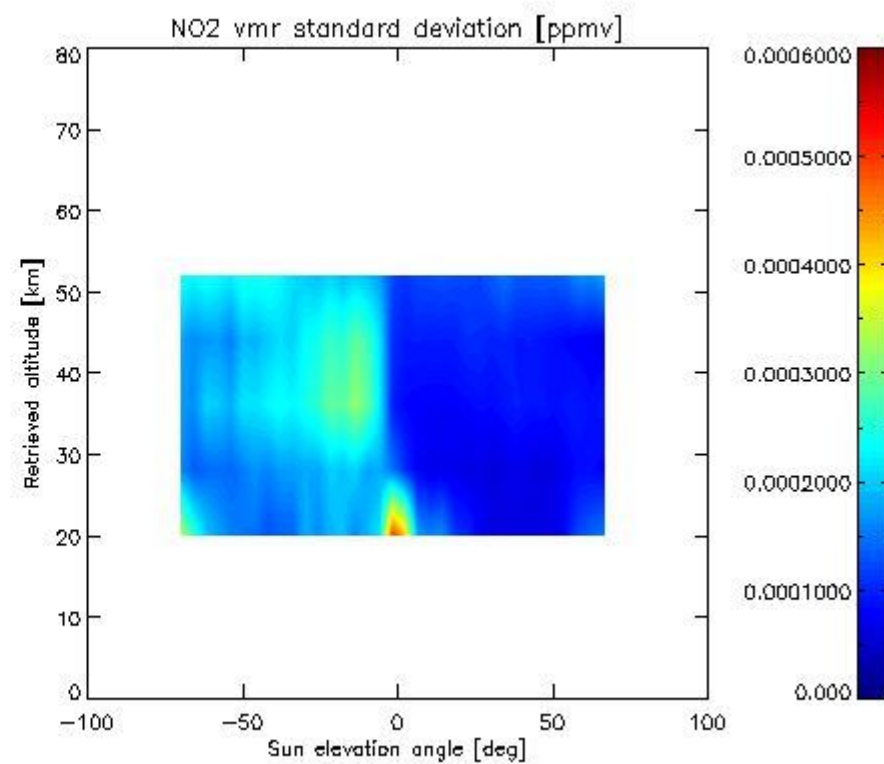
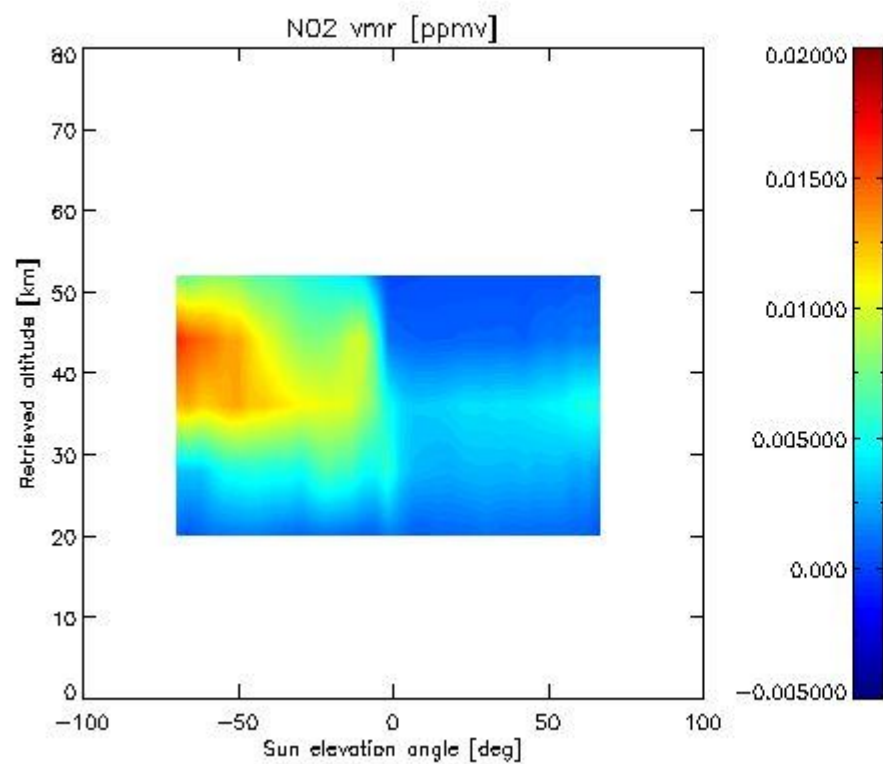
2.2.4.4 CH₄ overview This section shows values (left) and error (right) for CH₄ after binning individual sweep values over retrieved altitude and tangent latitude.



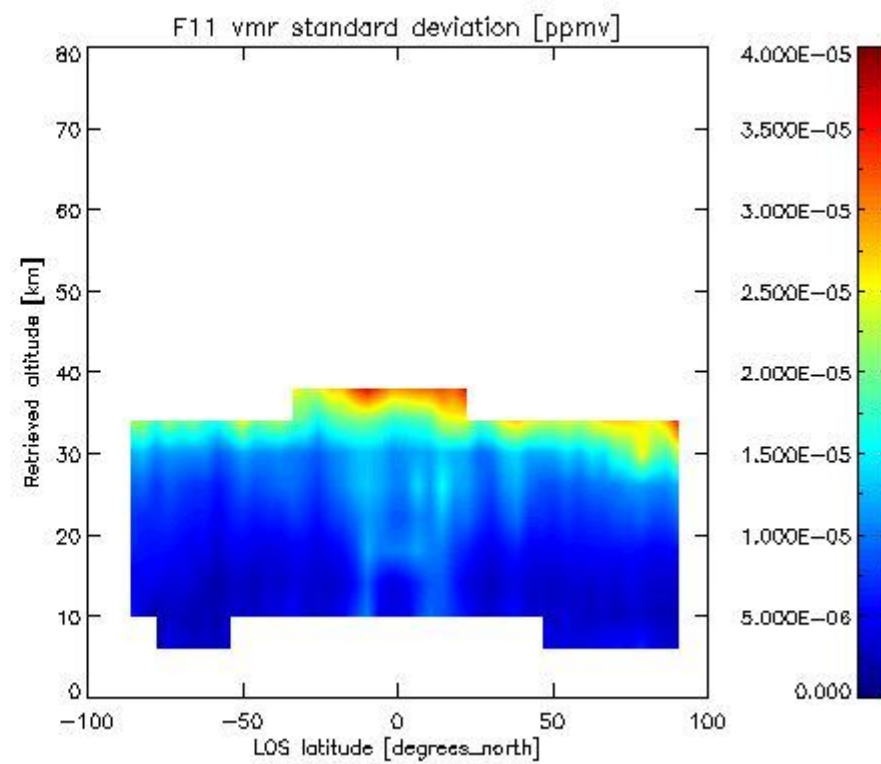
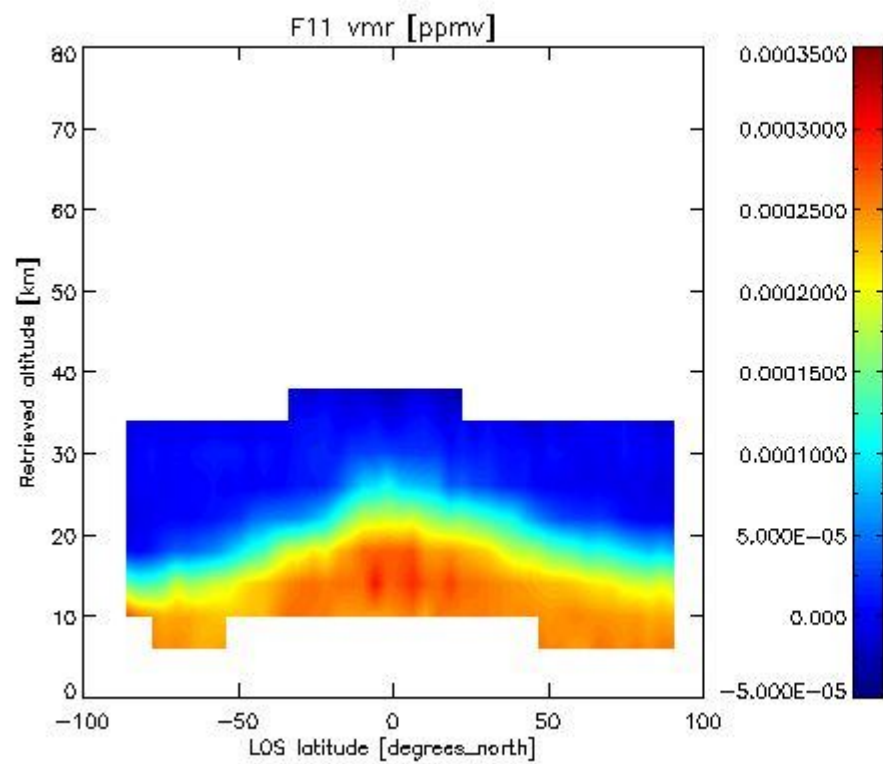
2.2.4.5 N₂O overview This section shows values (left) and error (right) for N₂O after binning individual sweep values over retrieved altitude and tangent latitude.



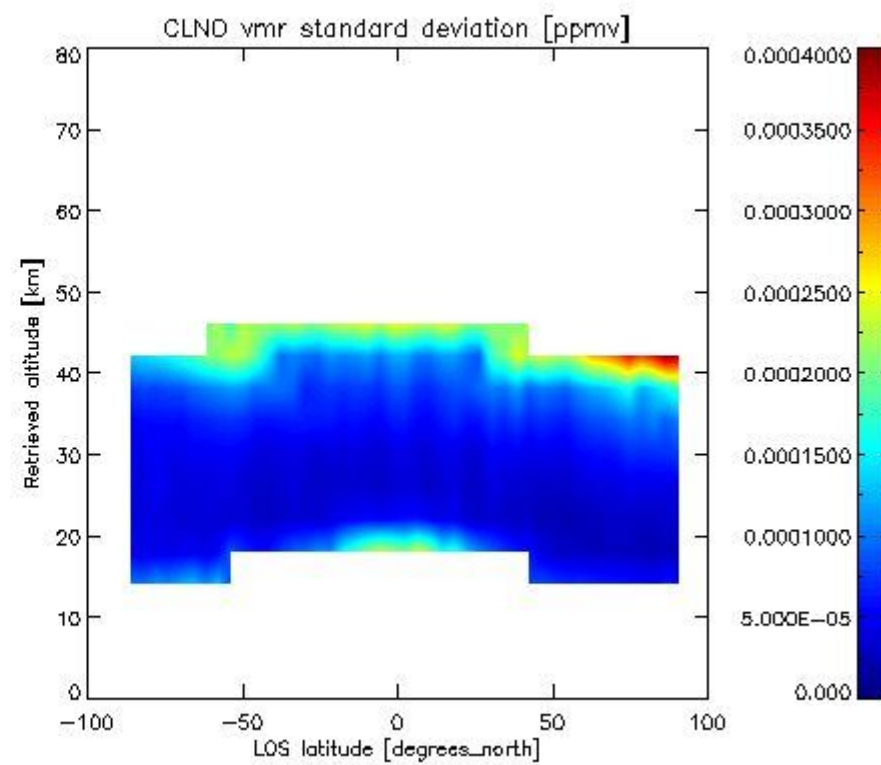
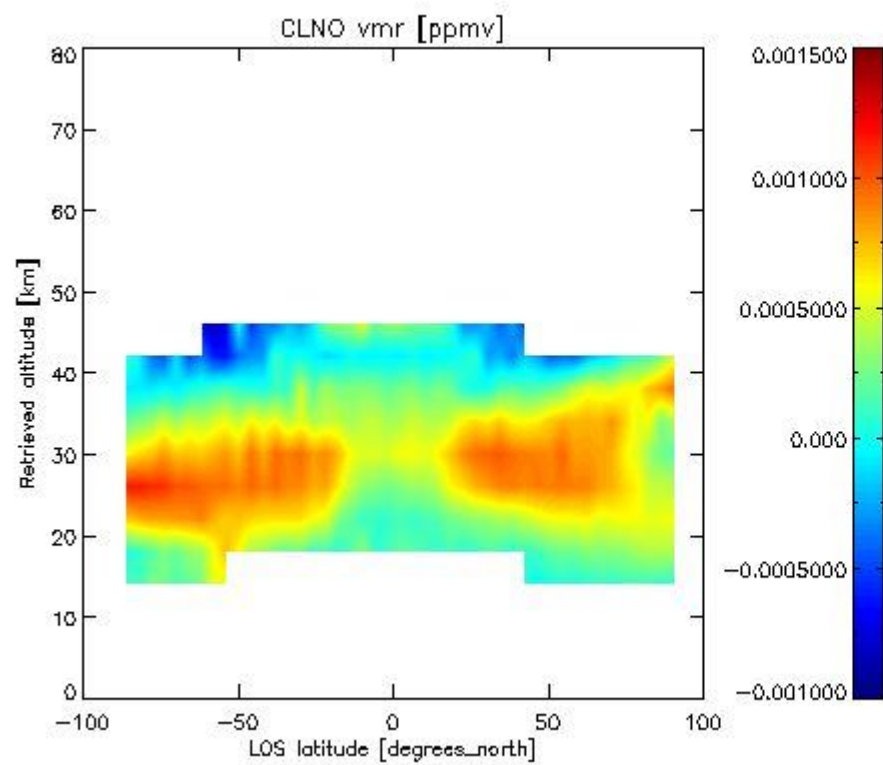
2.2.4.6 NO2 overview This section shows values (left) and error (right) for NO2 after binning individual sweep values over retrieved altitude and Sun Elevation Angle. Note that for NO2 the bin heights are 6 km.

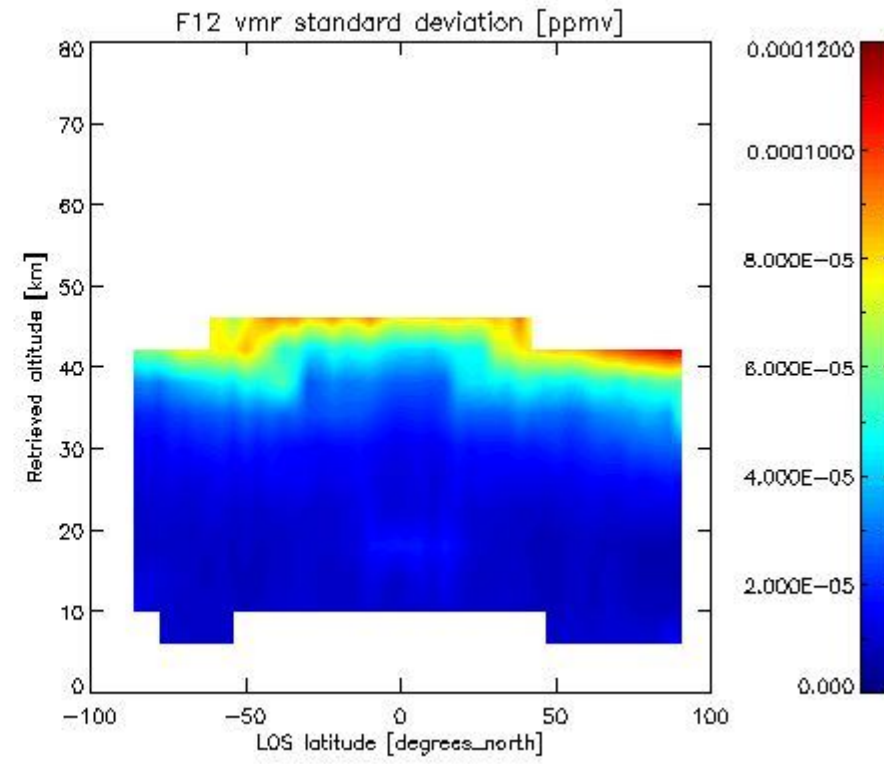
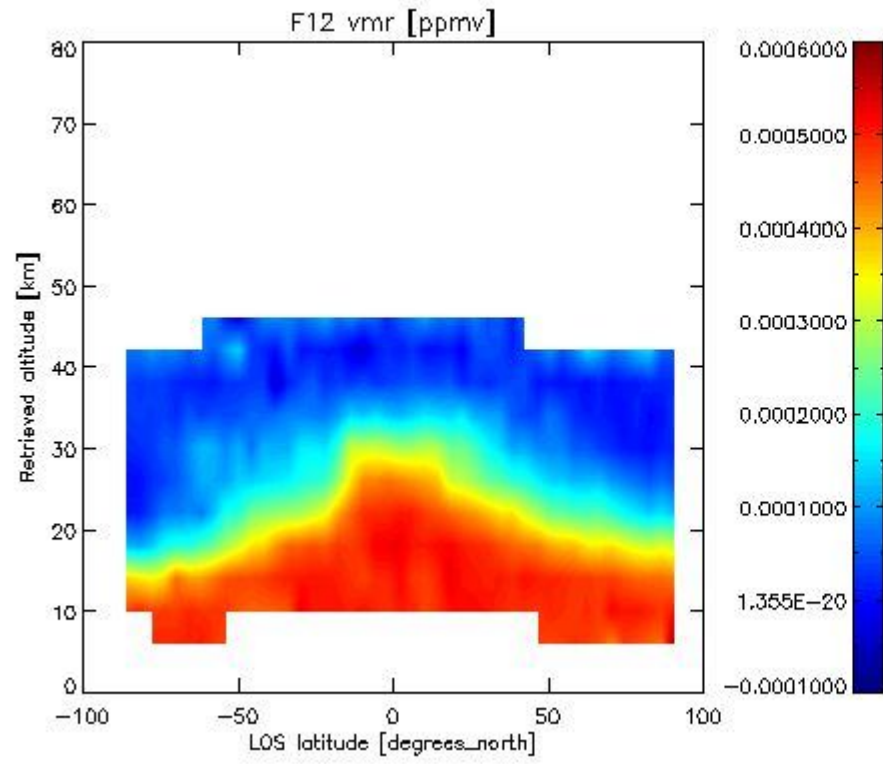
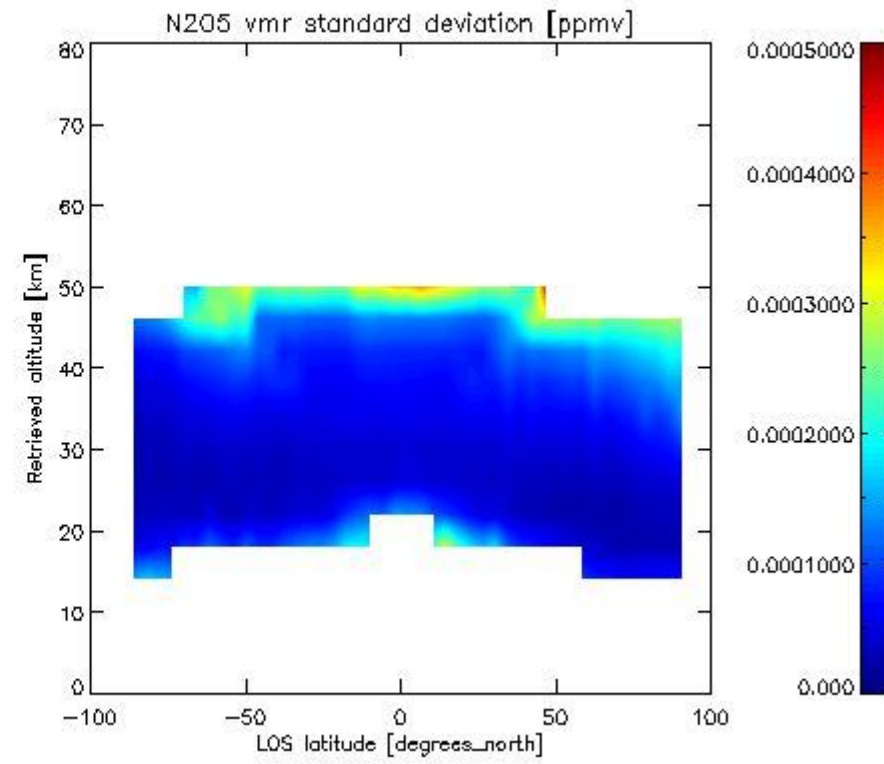
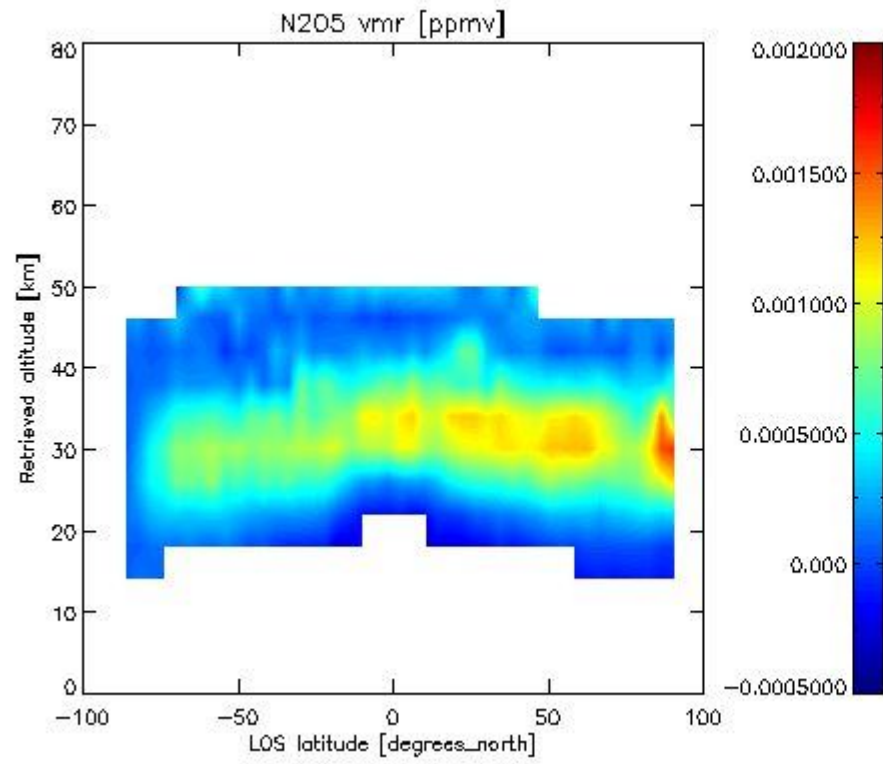


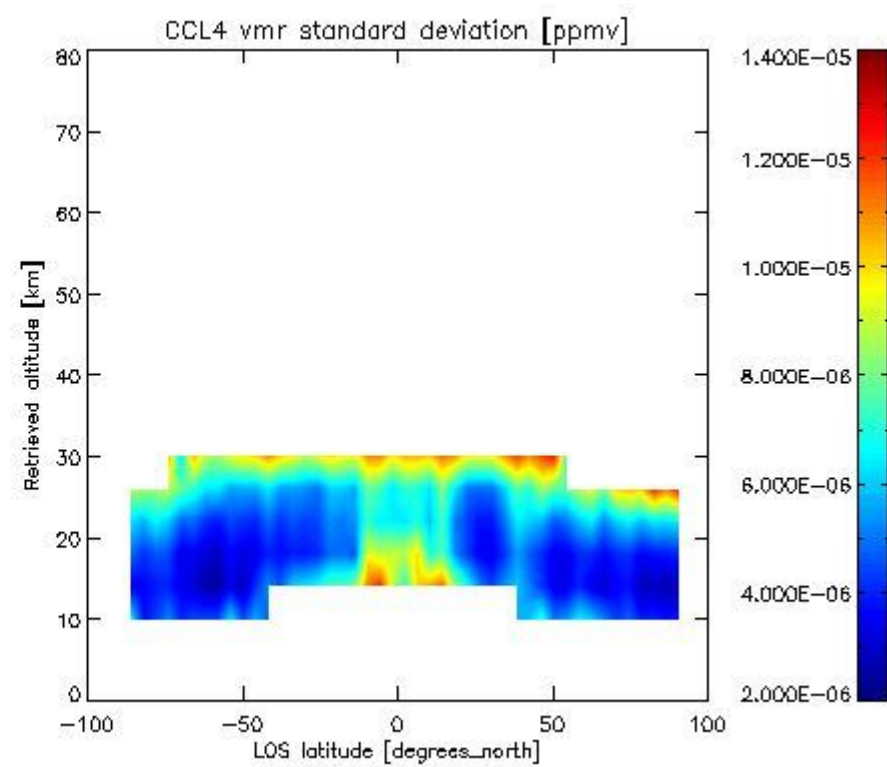
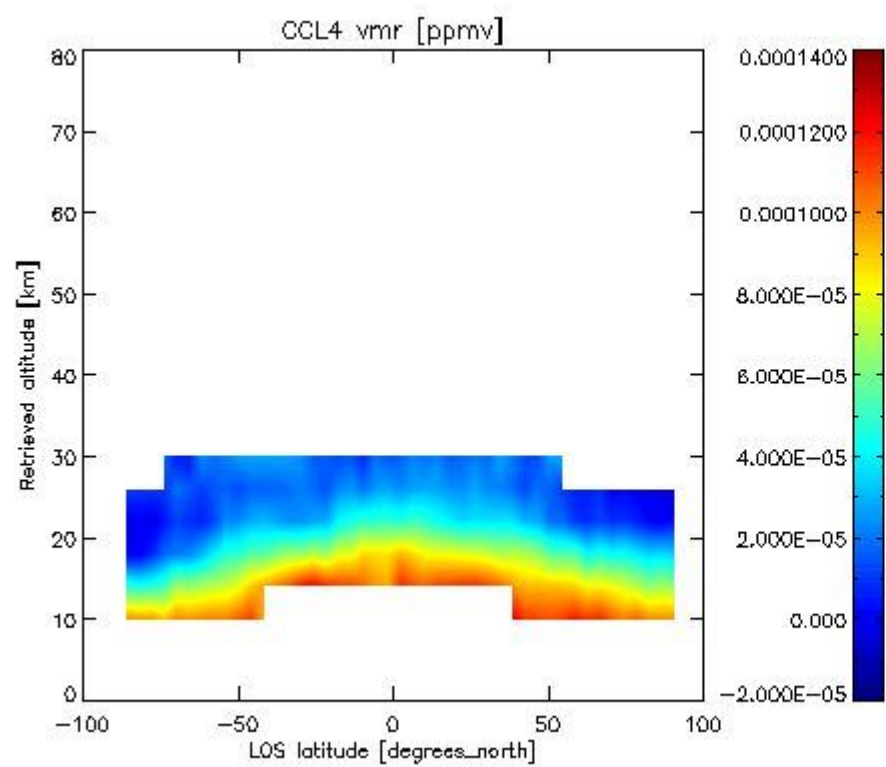
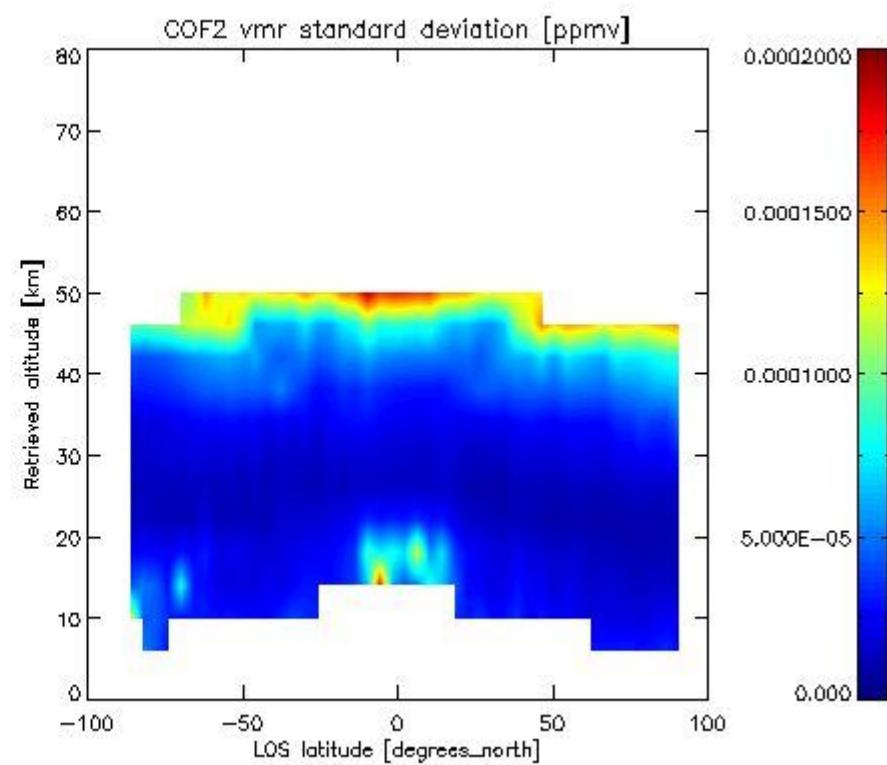
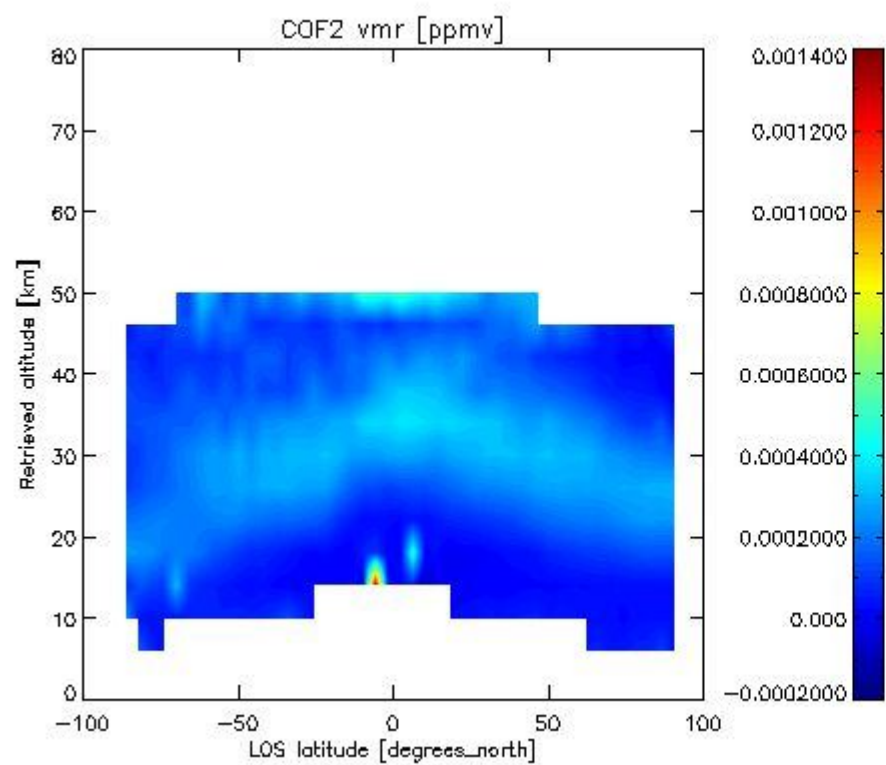
2.2.4.7 F11 overview This section shows values (left) and error (right) for F11 after binning individual sweep values over retrieved altitude and tangent latitude.

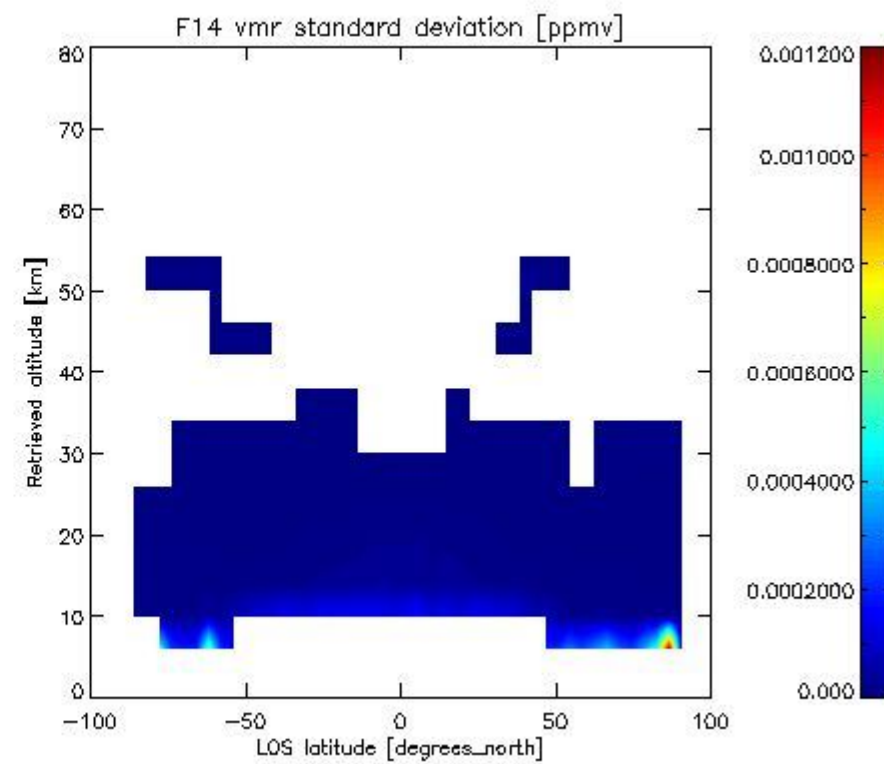
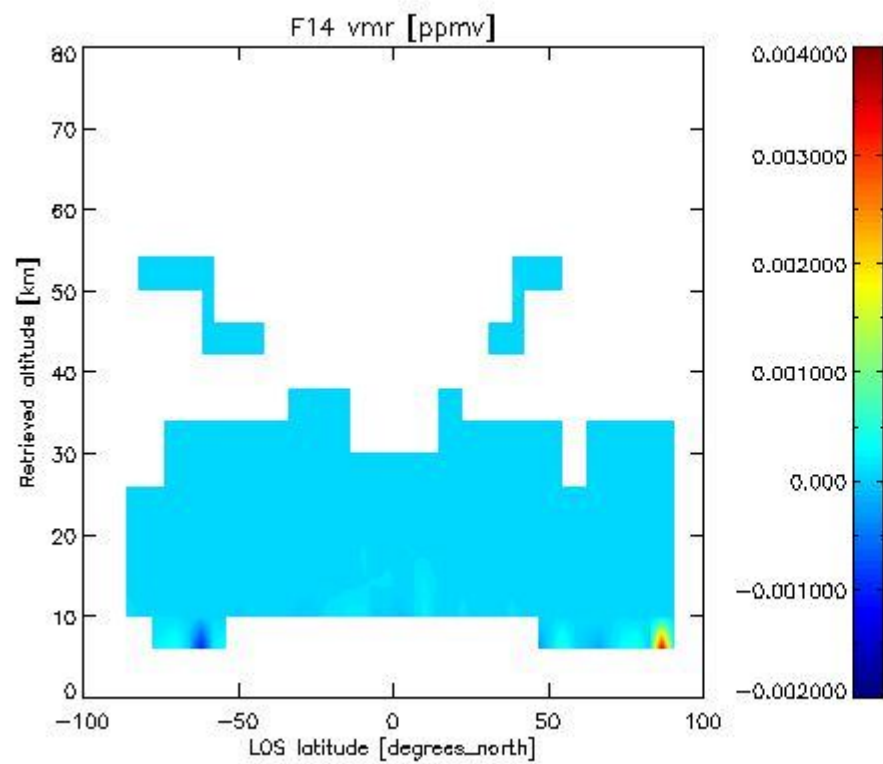
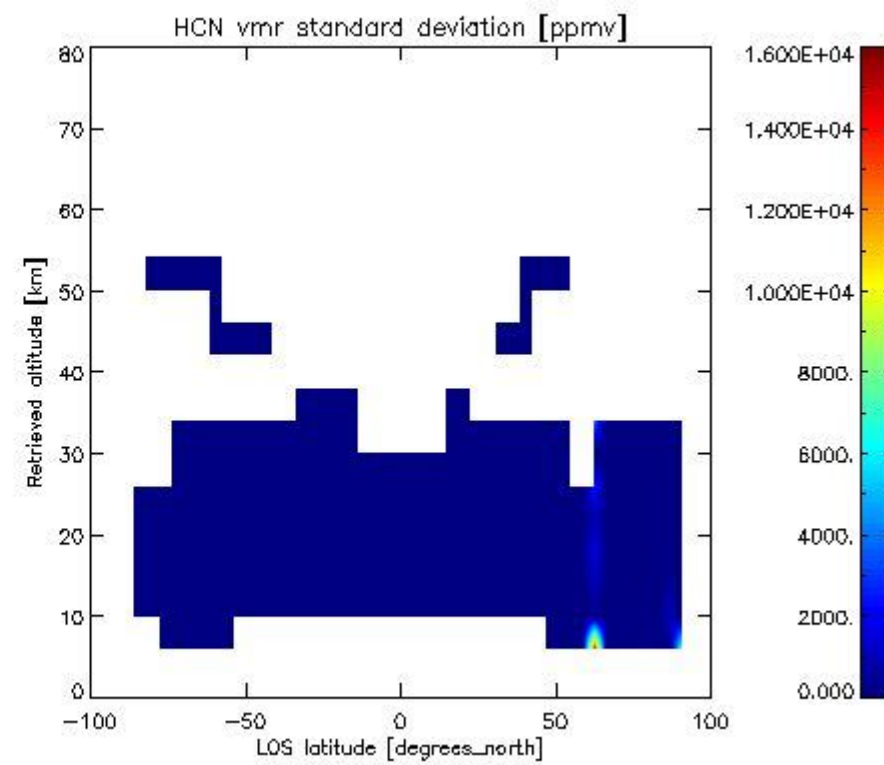
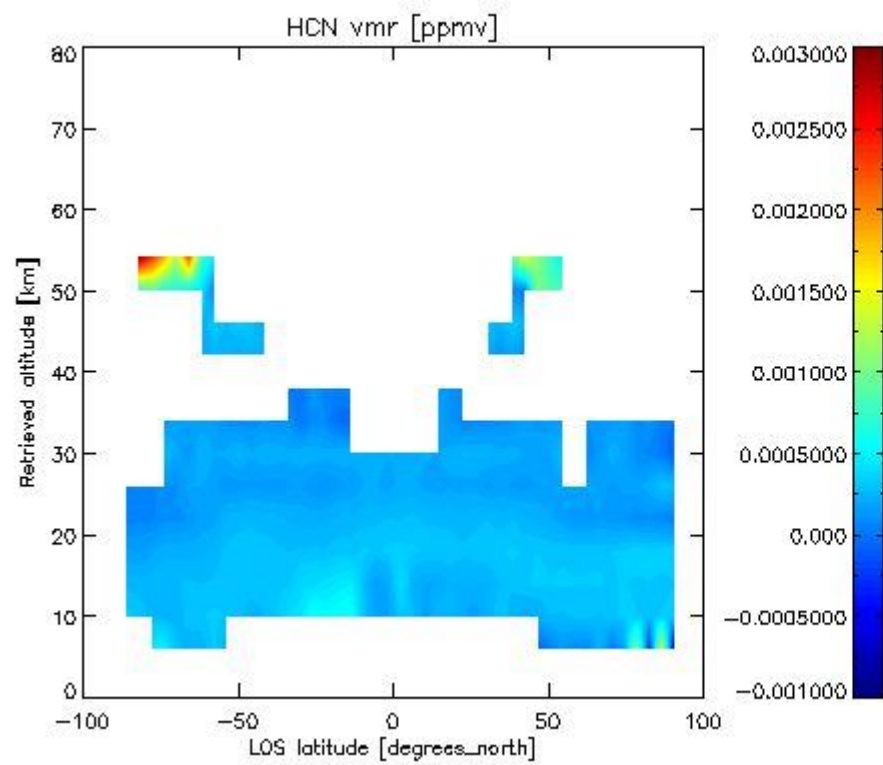


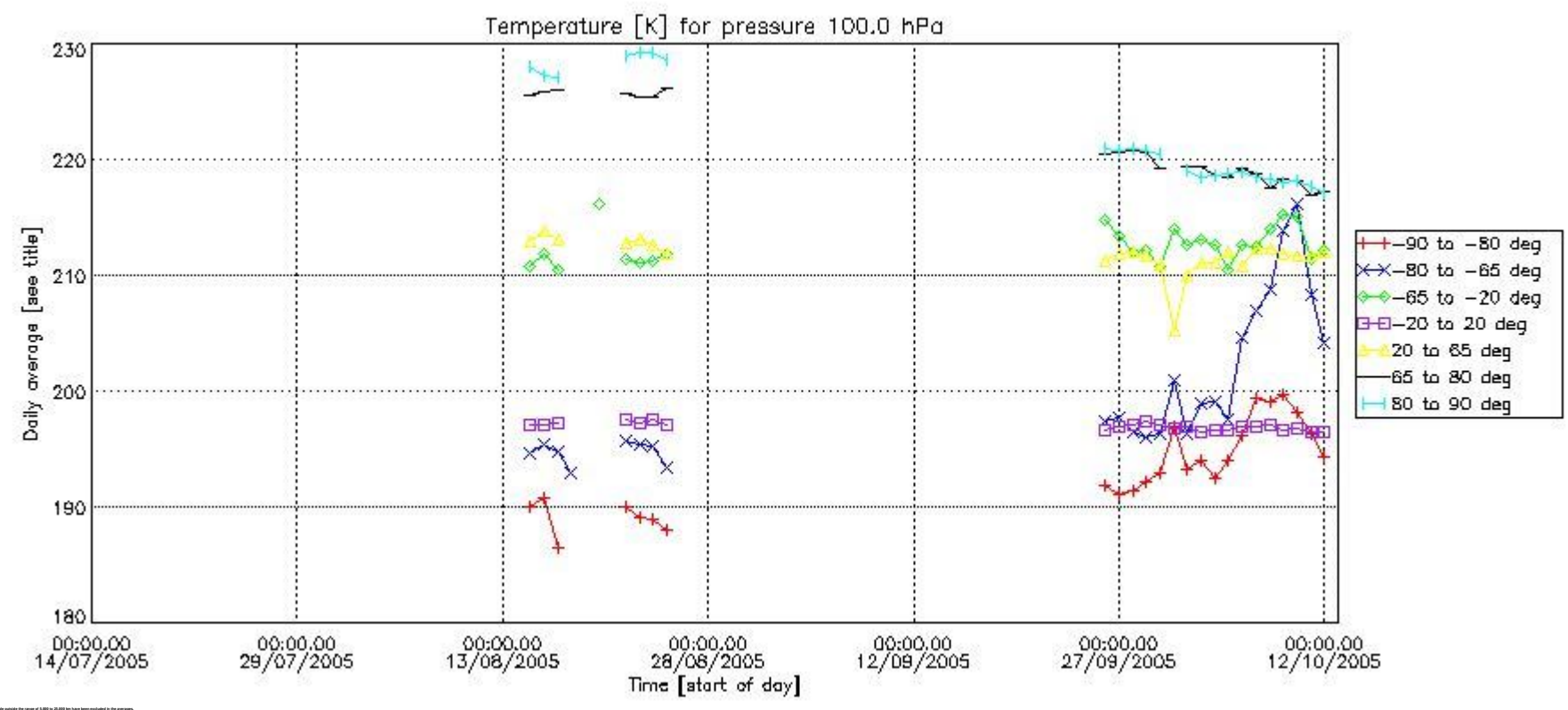
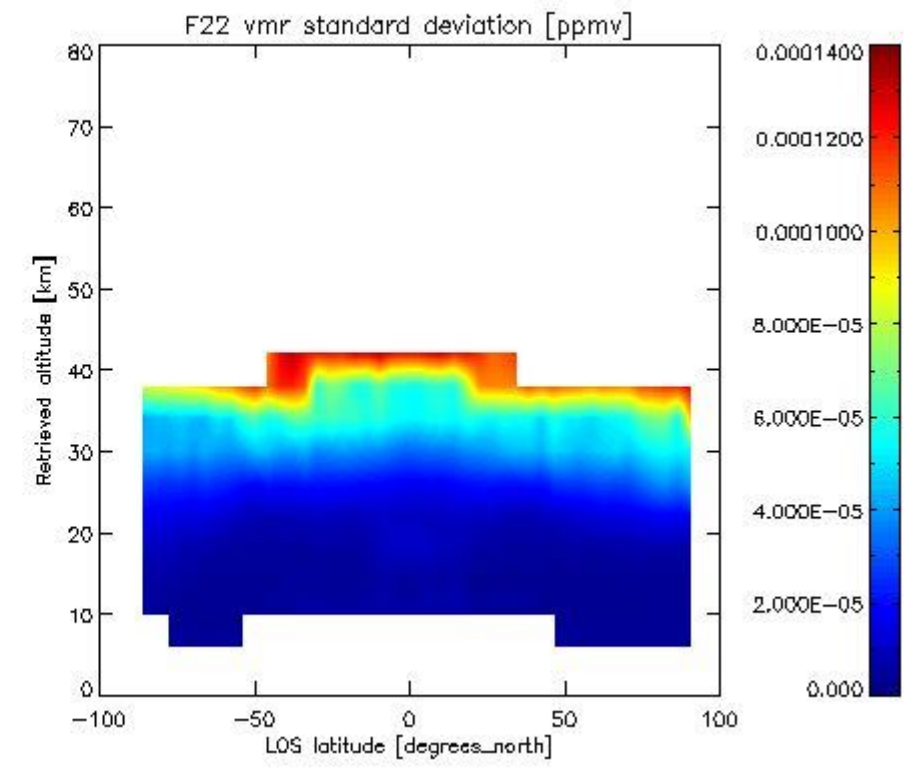
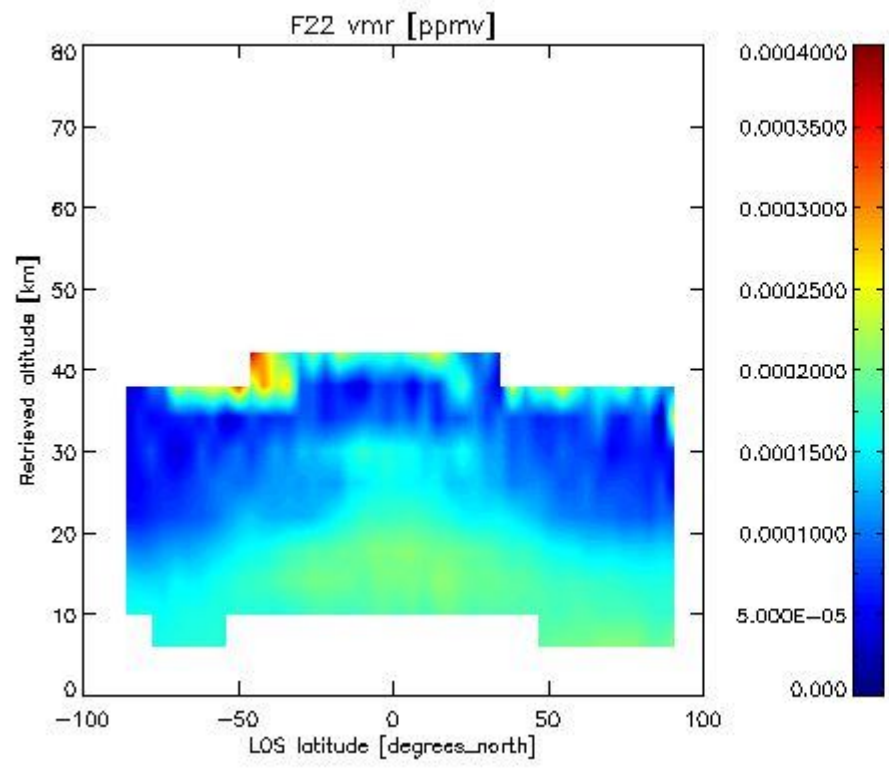
2.3.4 CLNO overview This section shows values (left) and error (right) for CLNO after binning individual sweep values over retrieved altitude and target latitude.

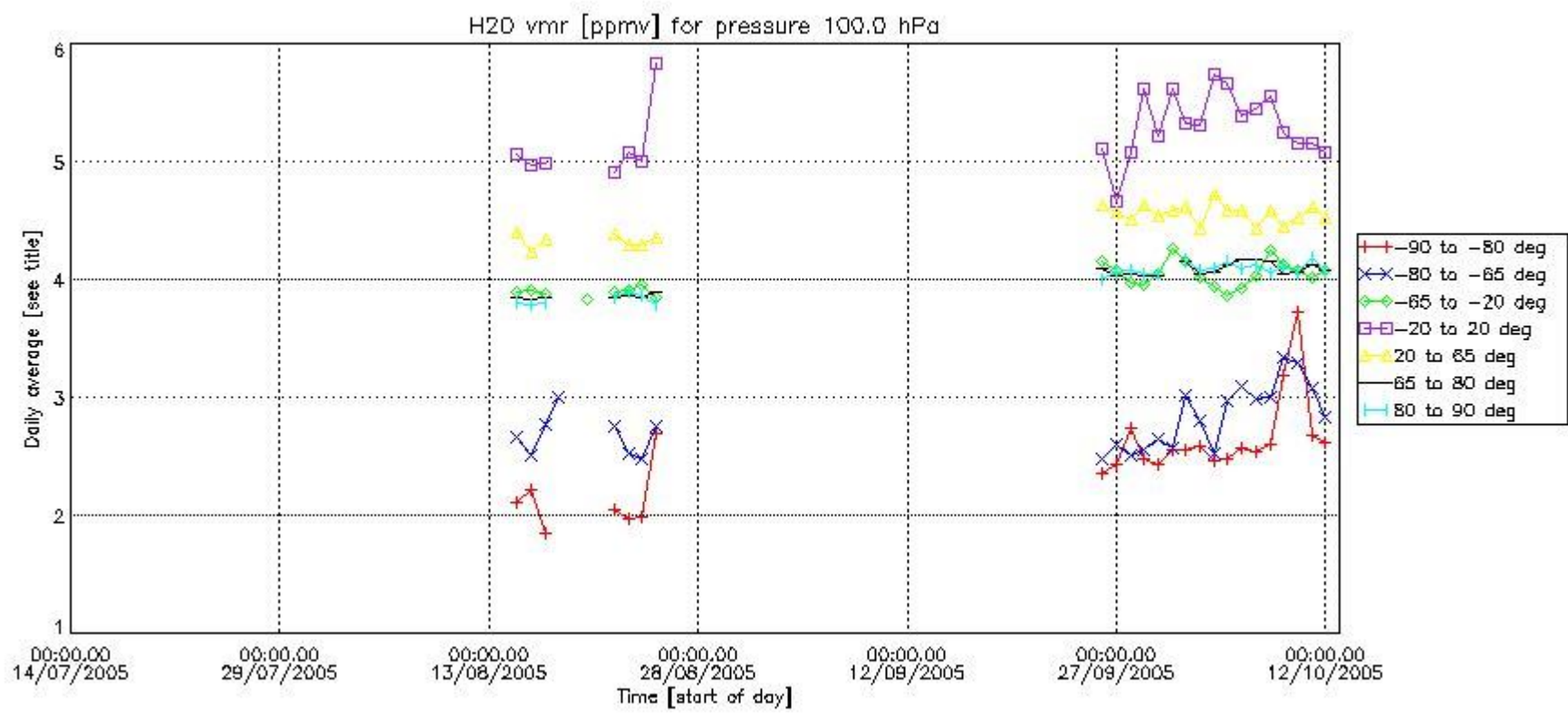
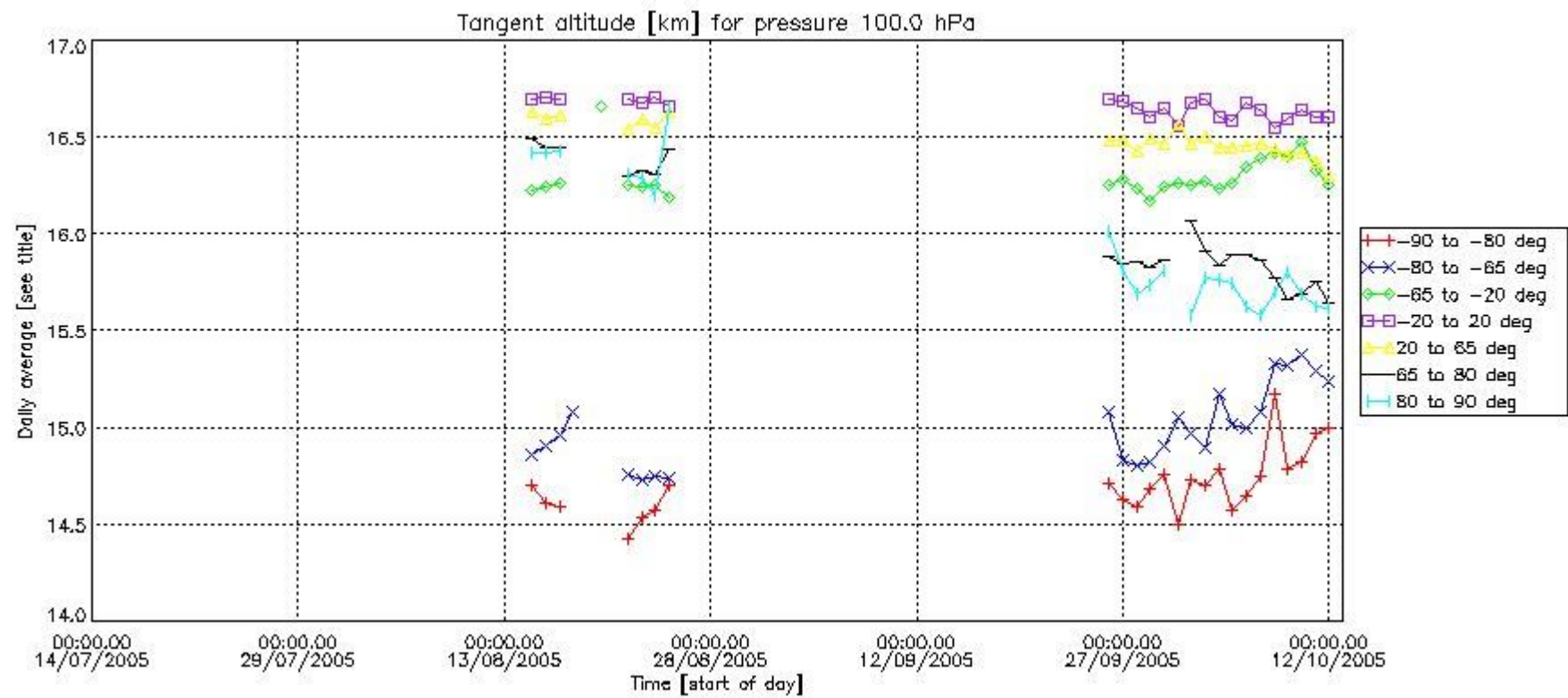


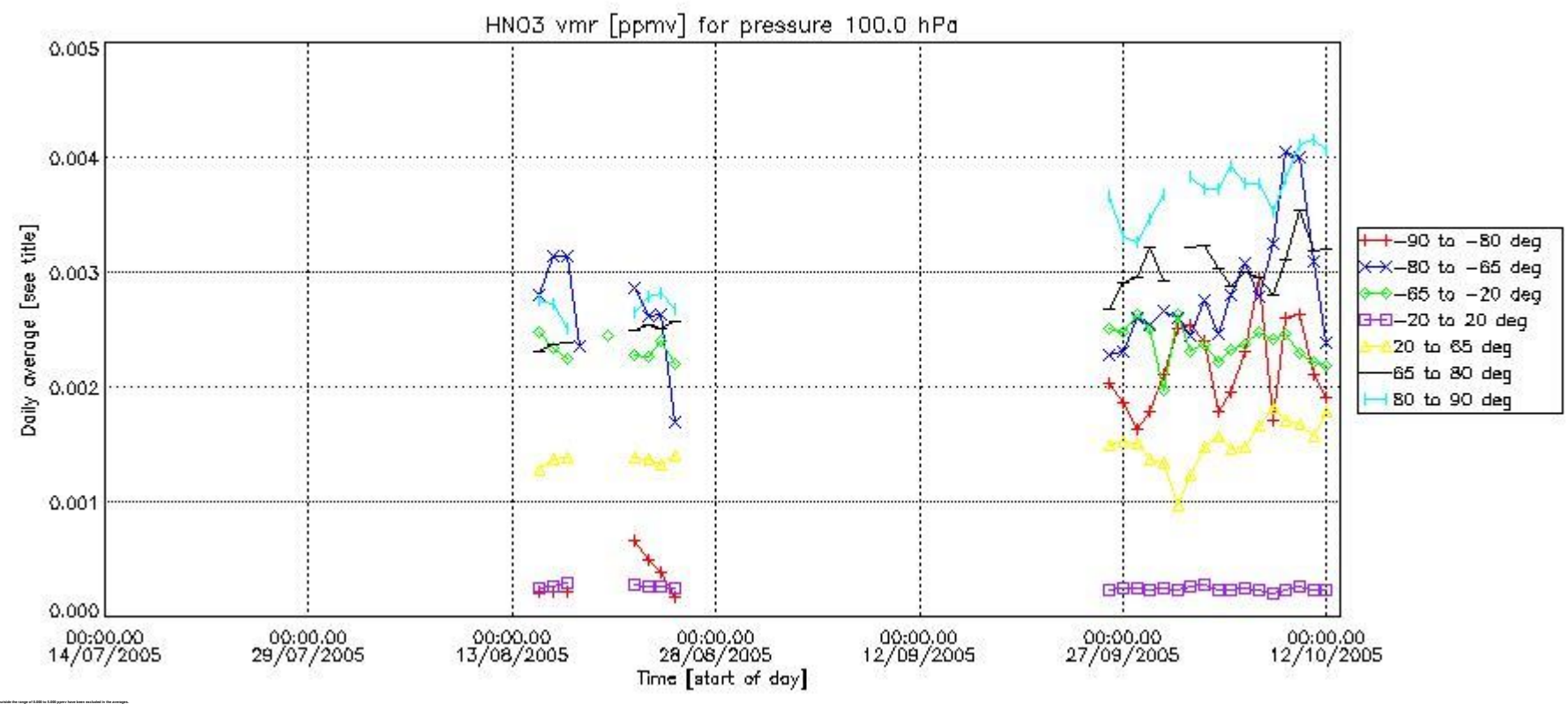
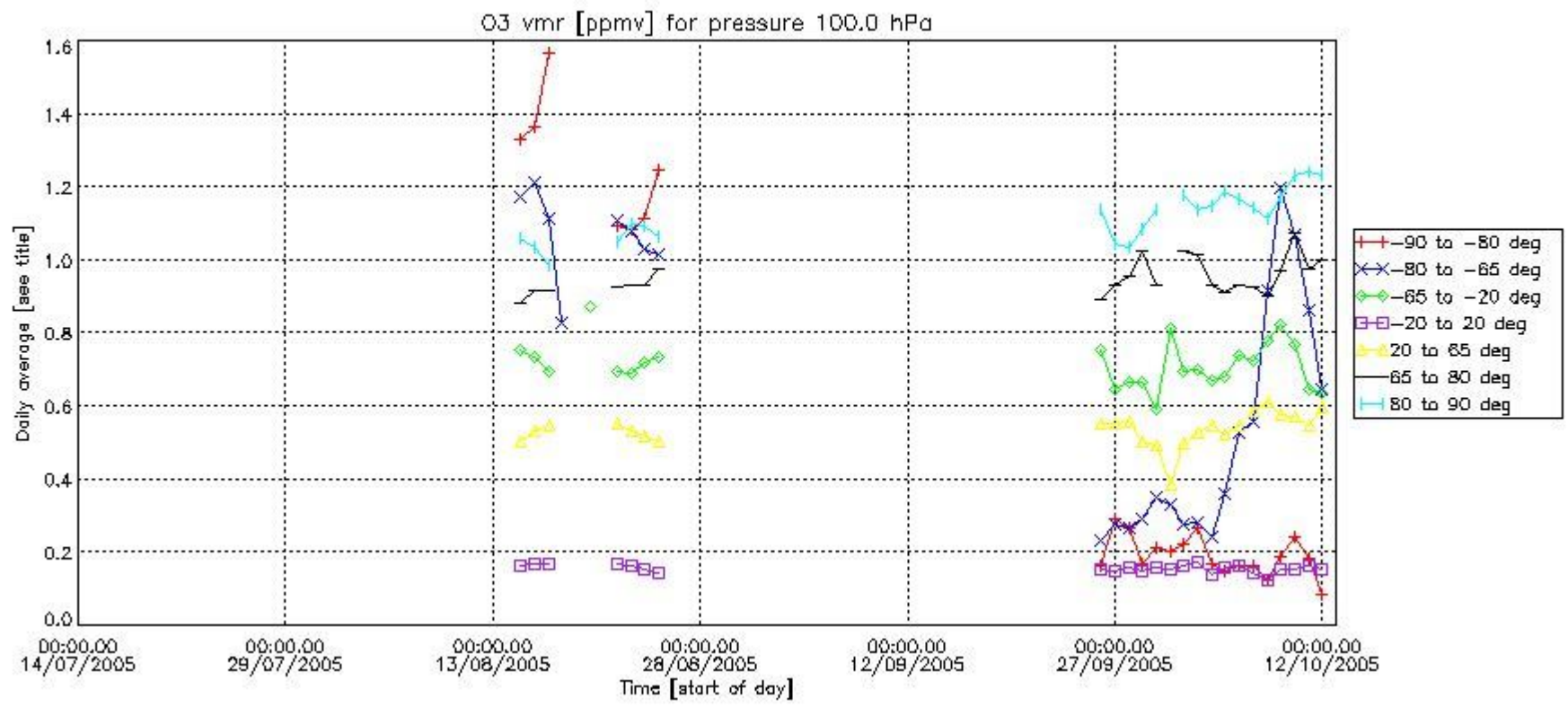


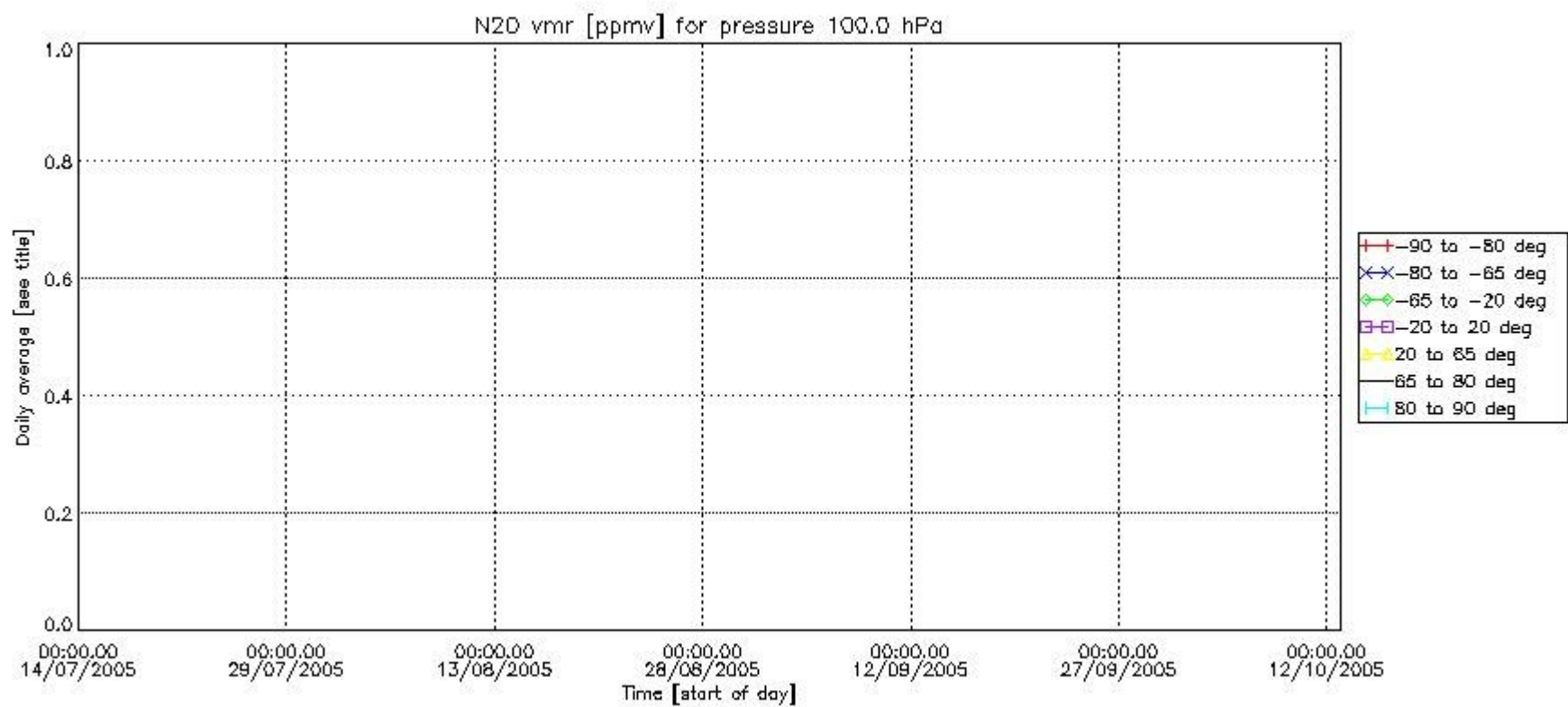
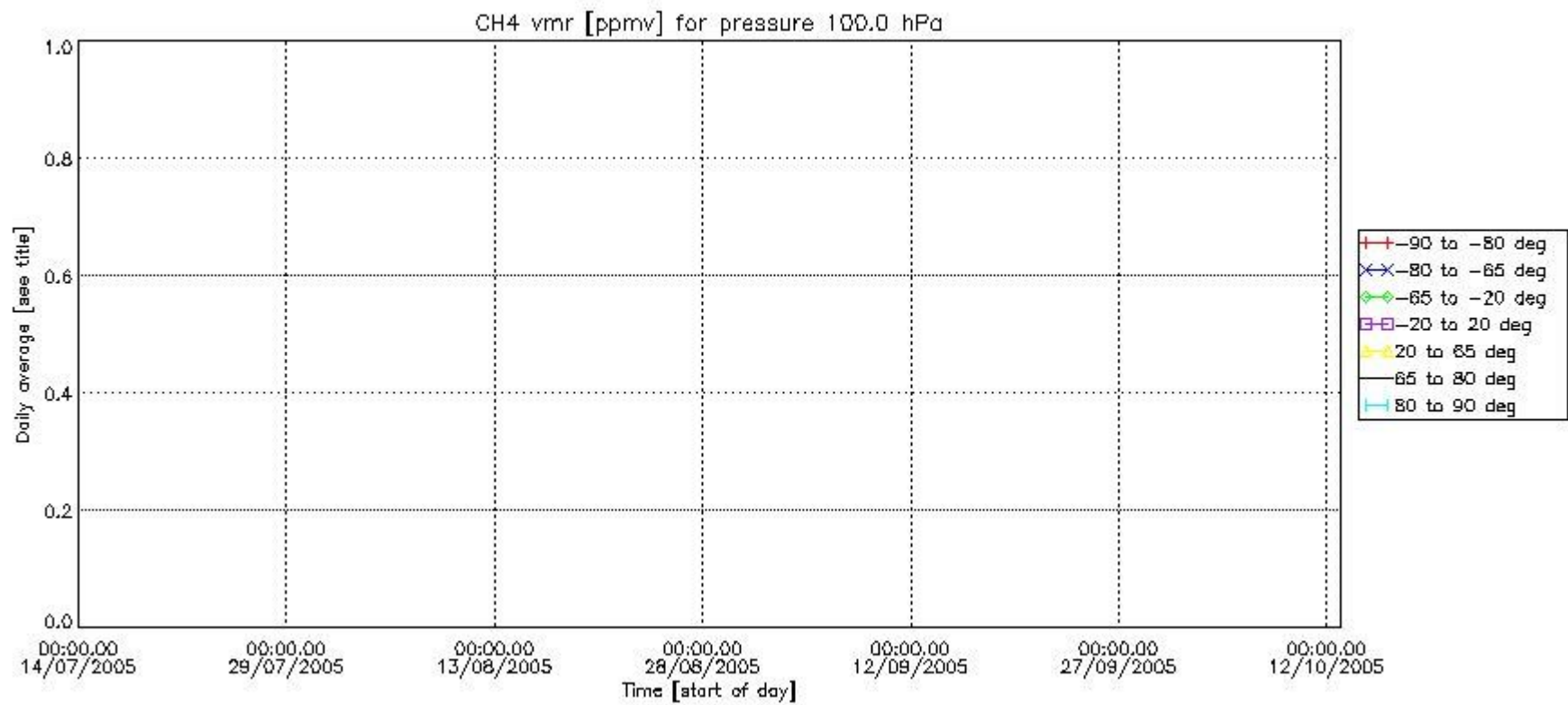


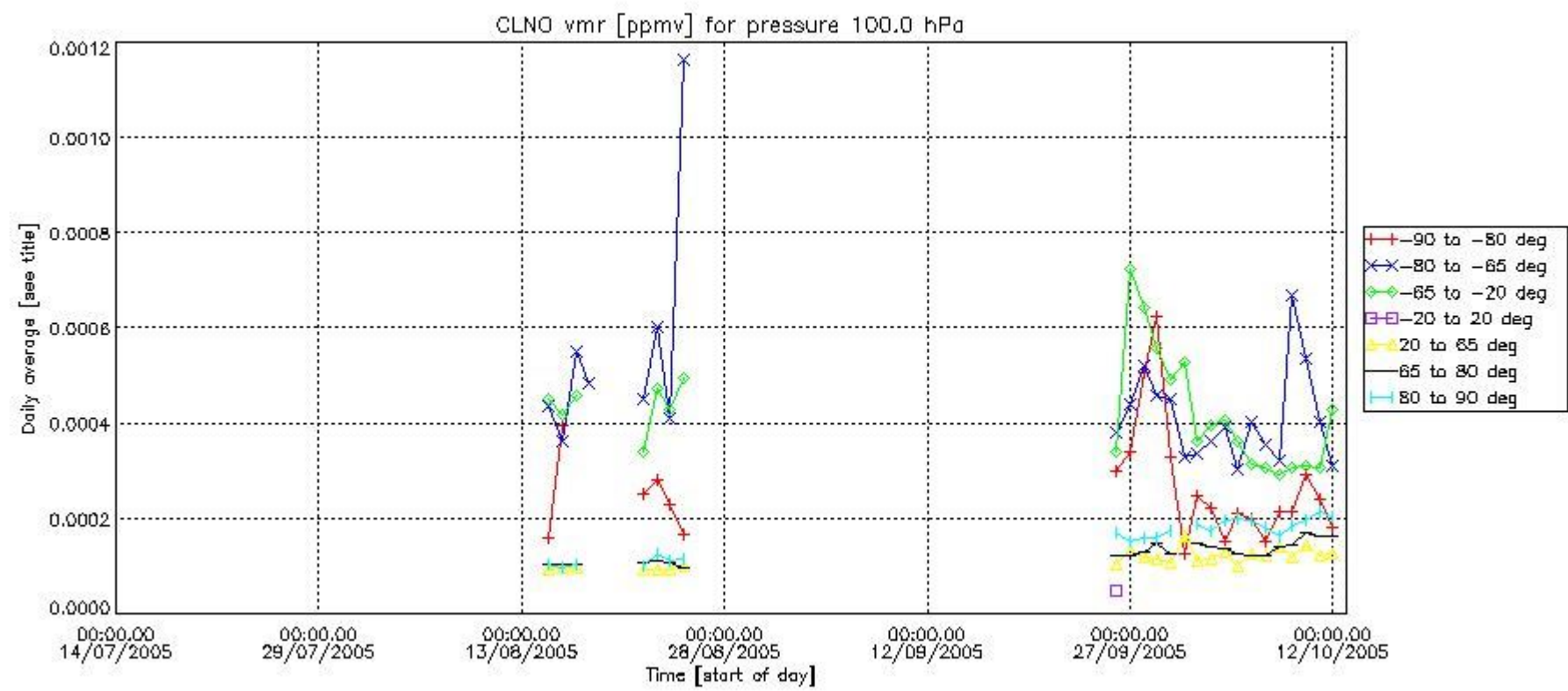
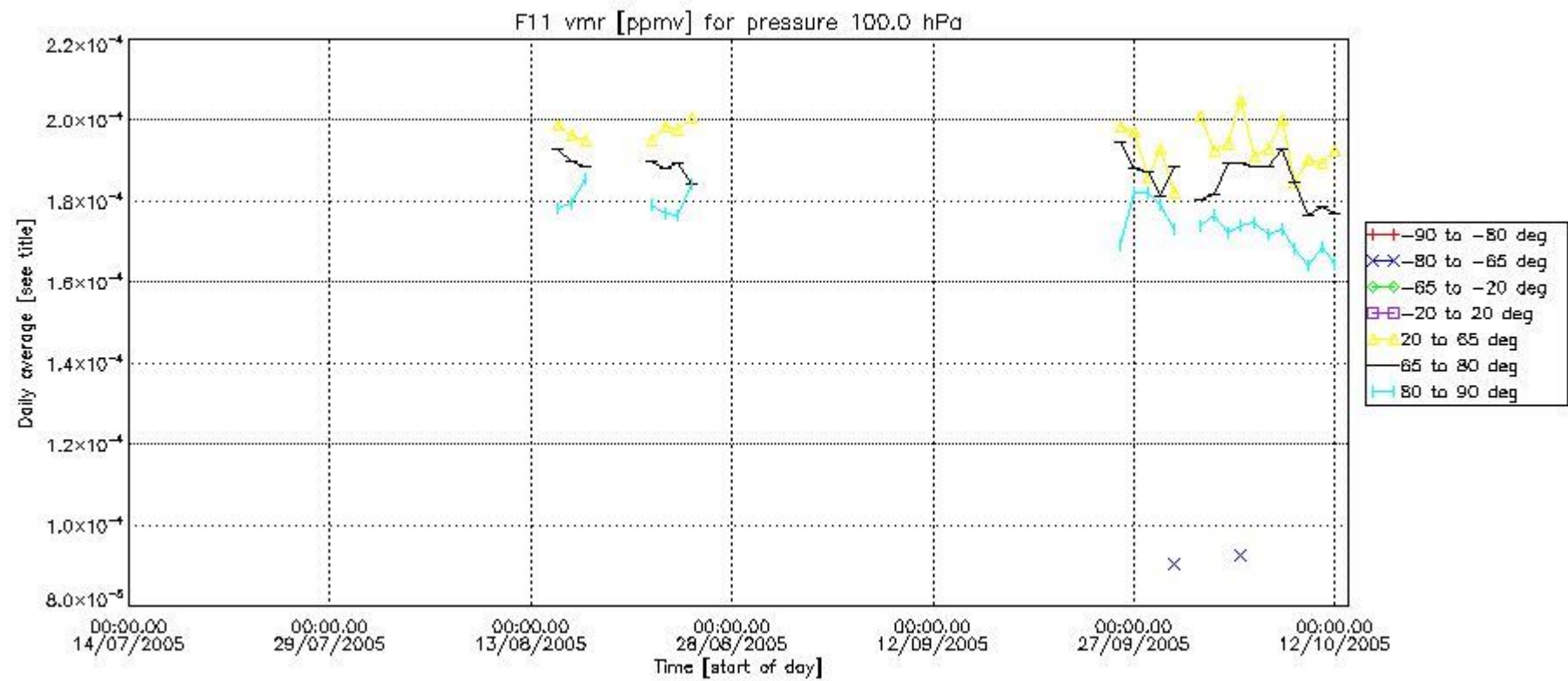


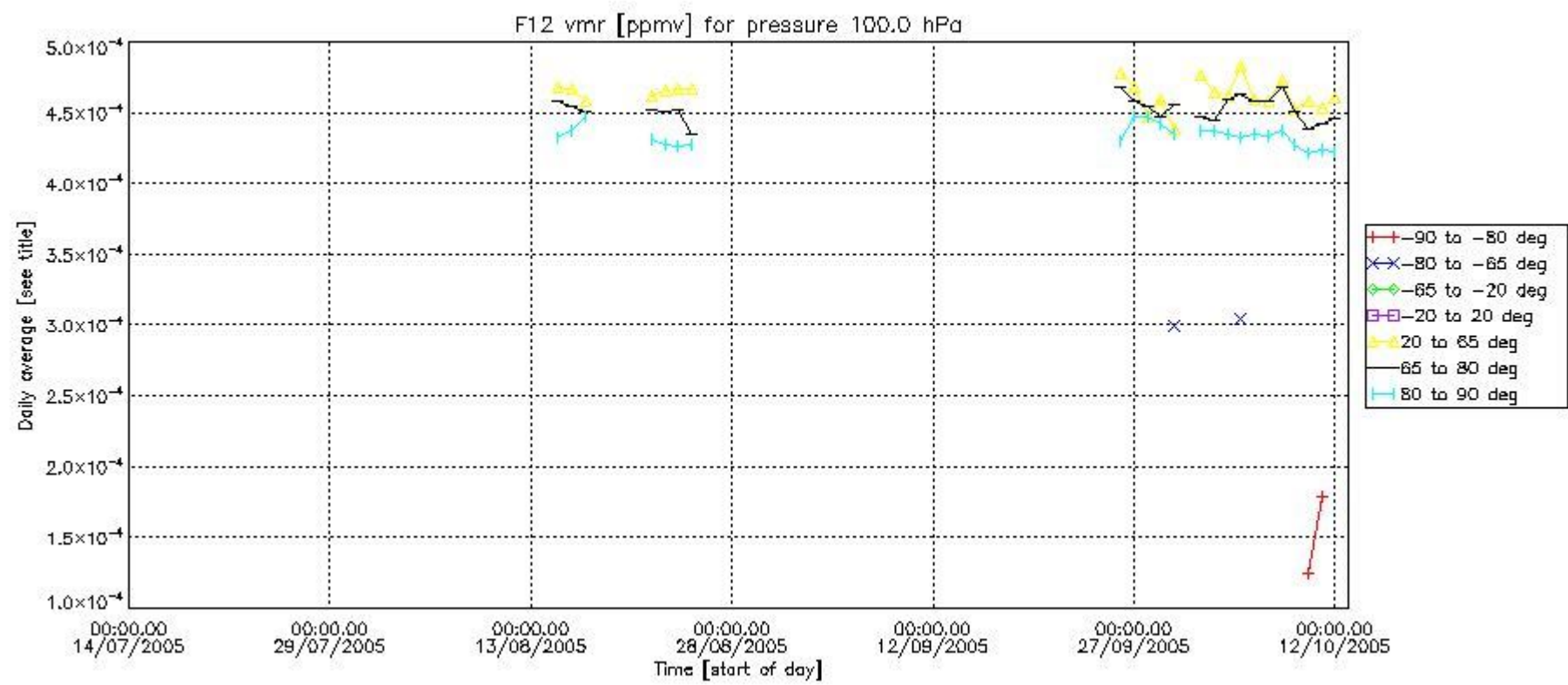
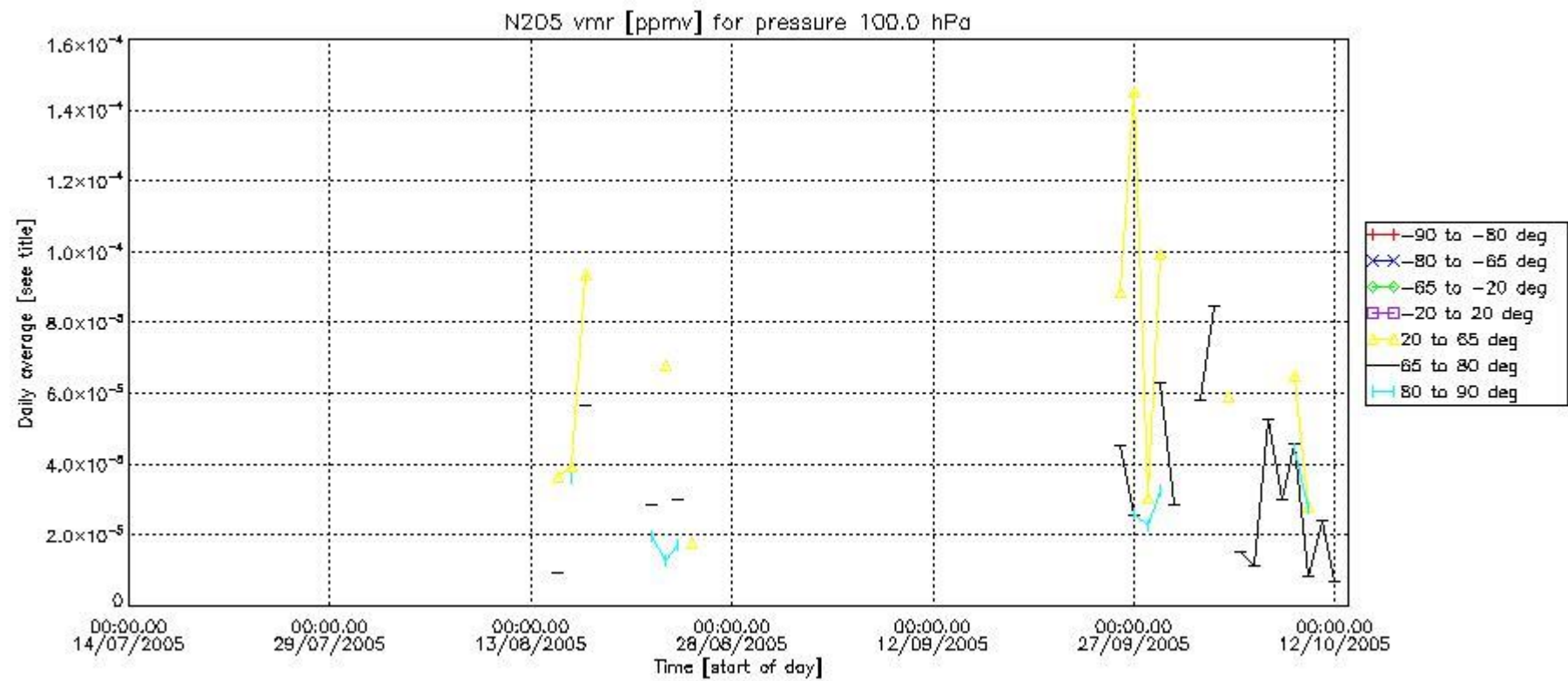


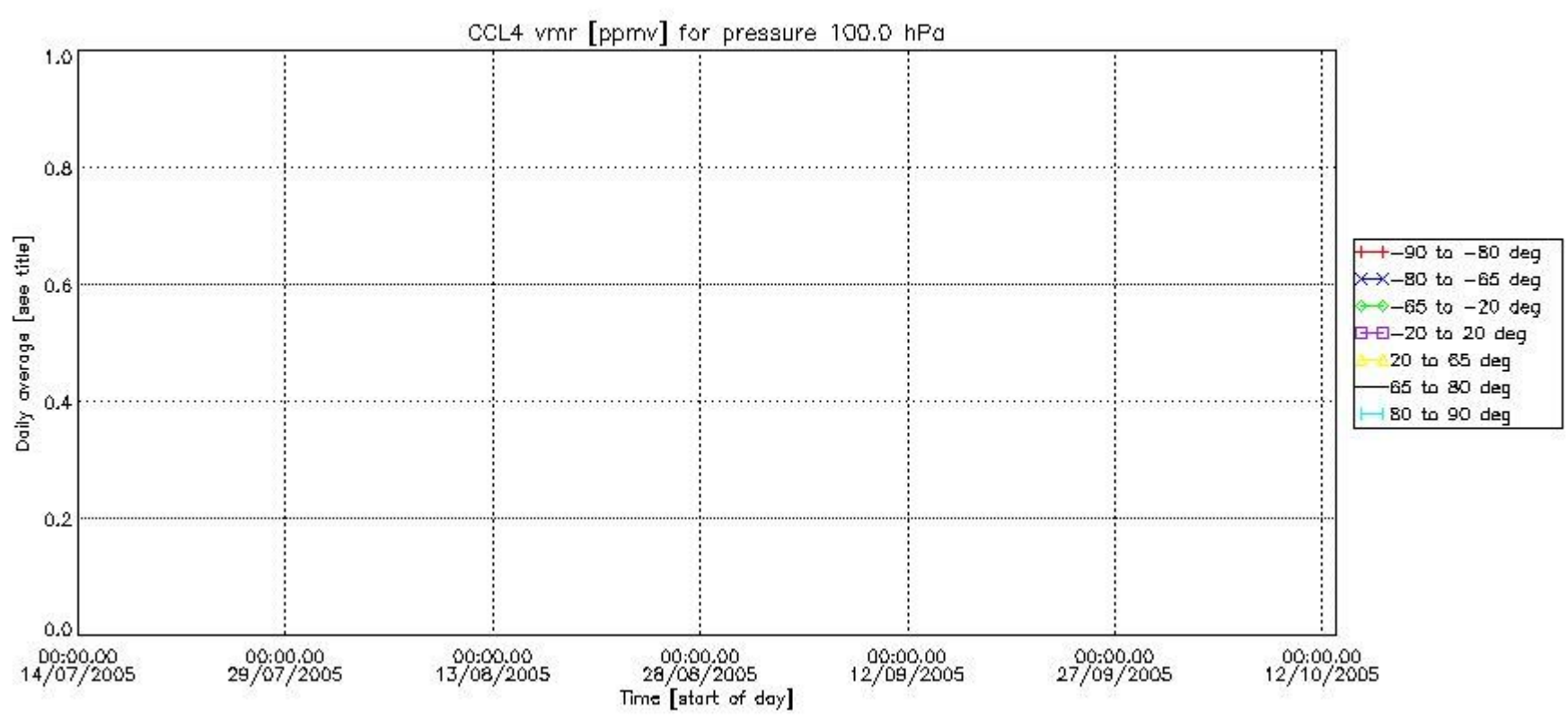
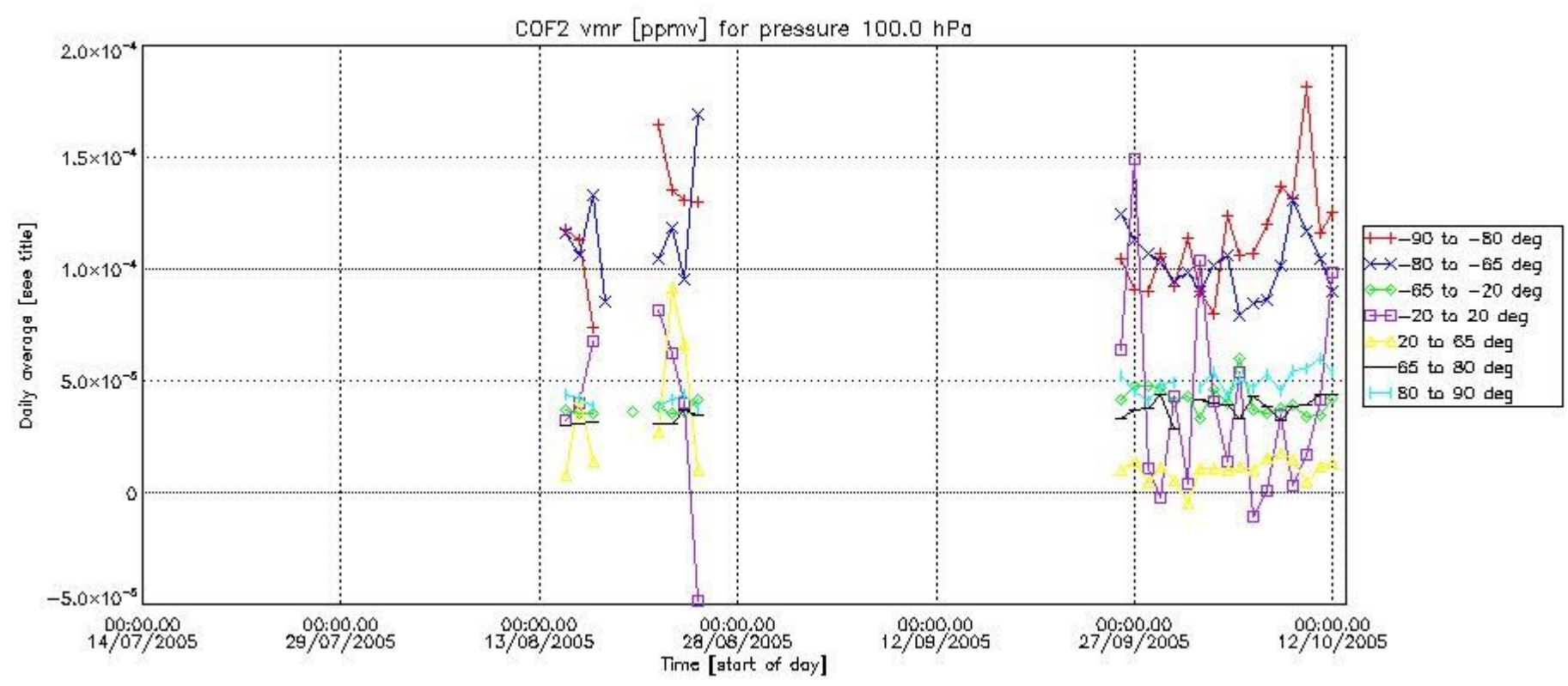


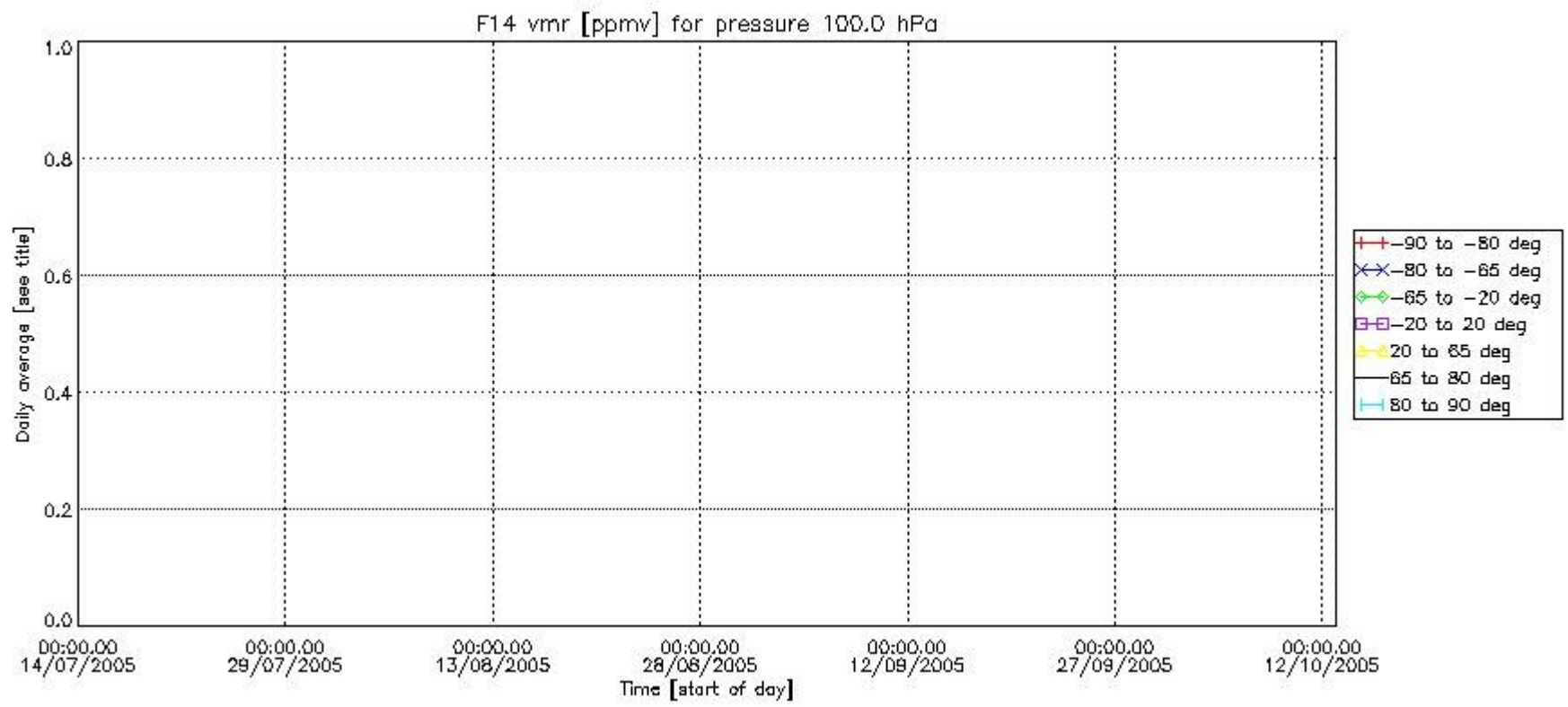
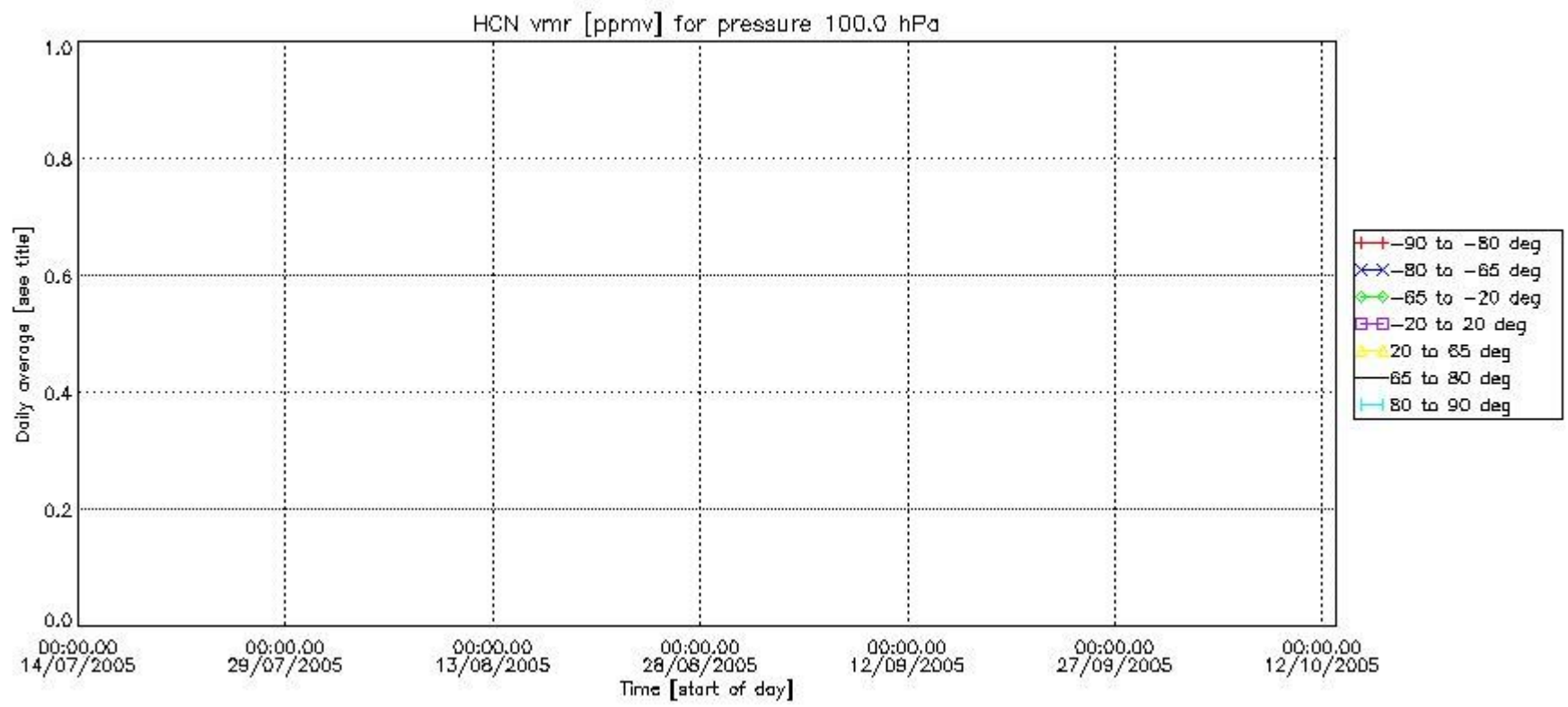


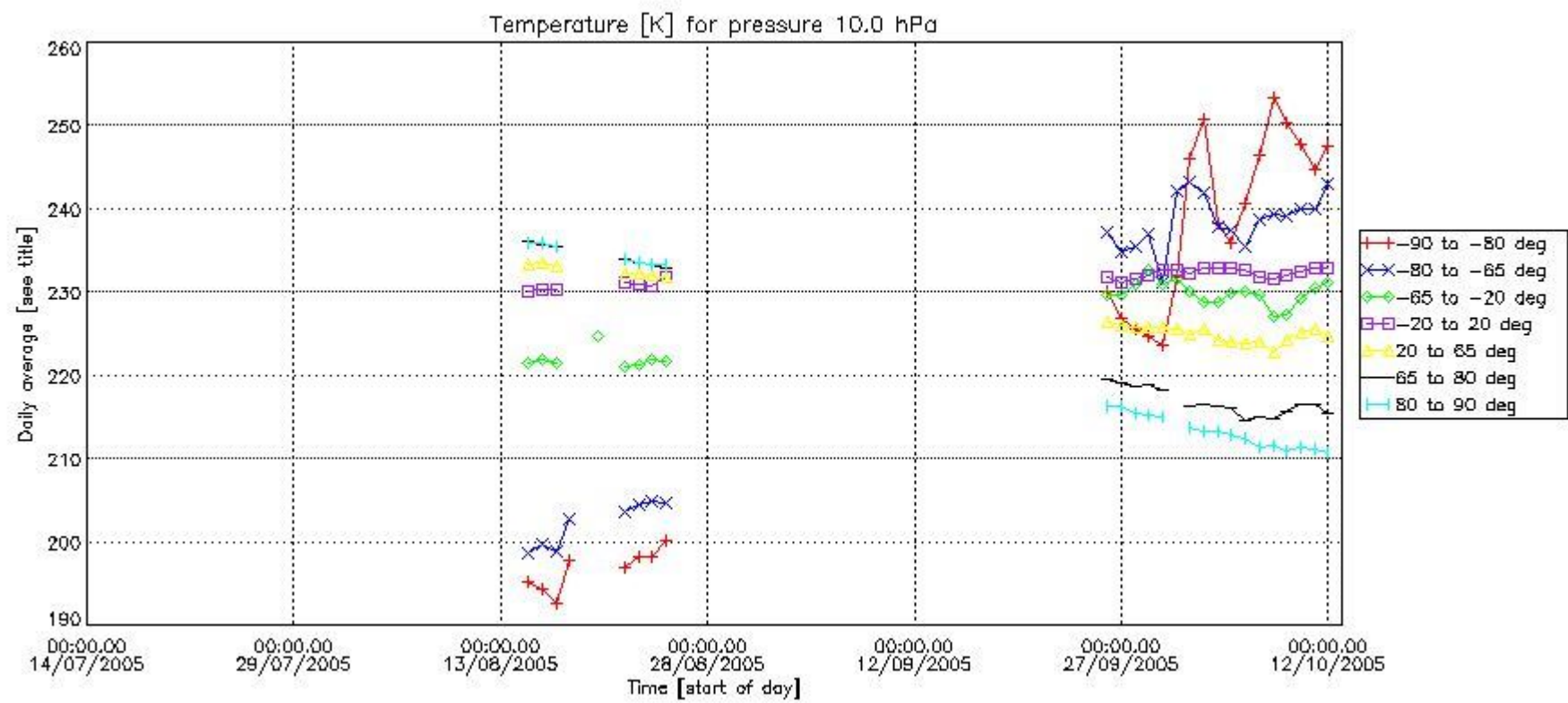
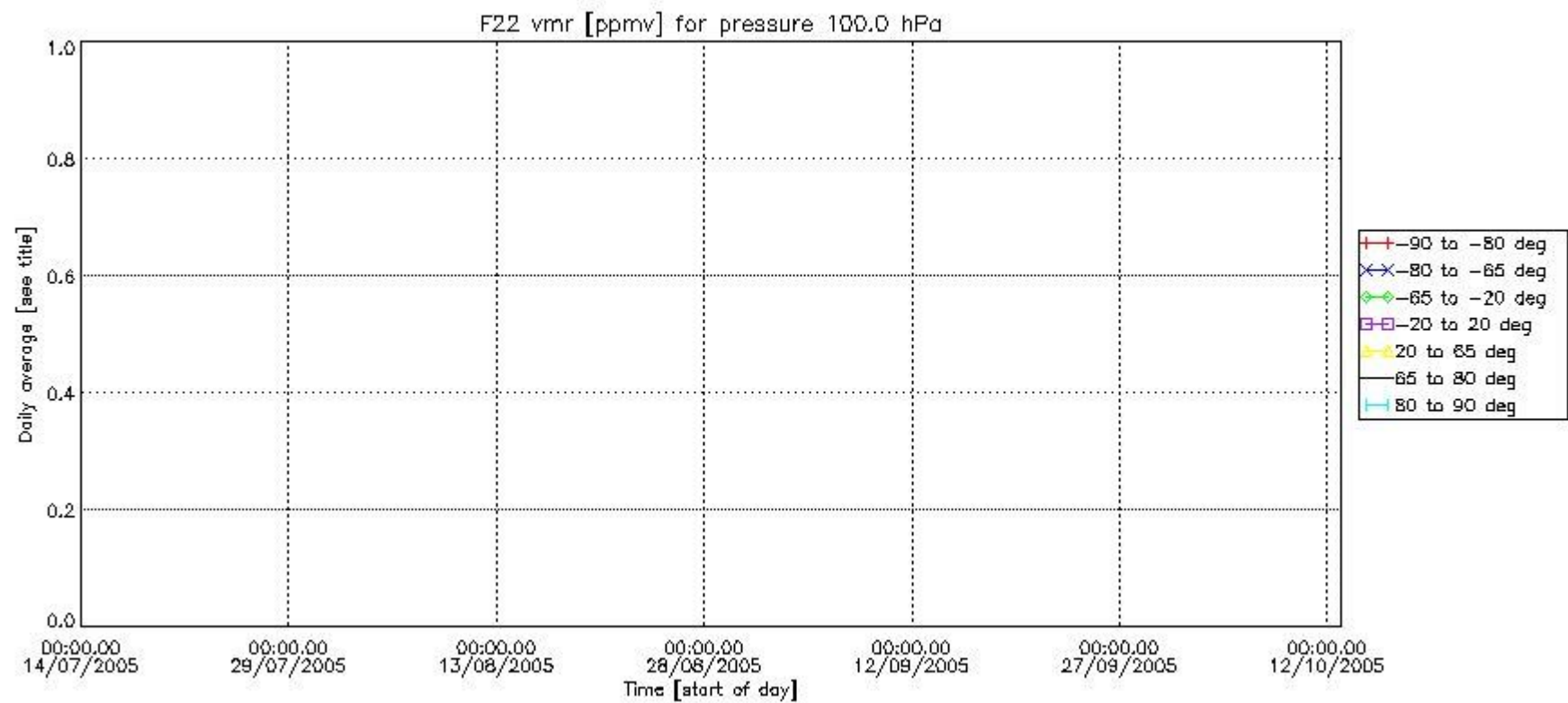


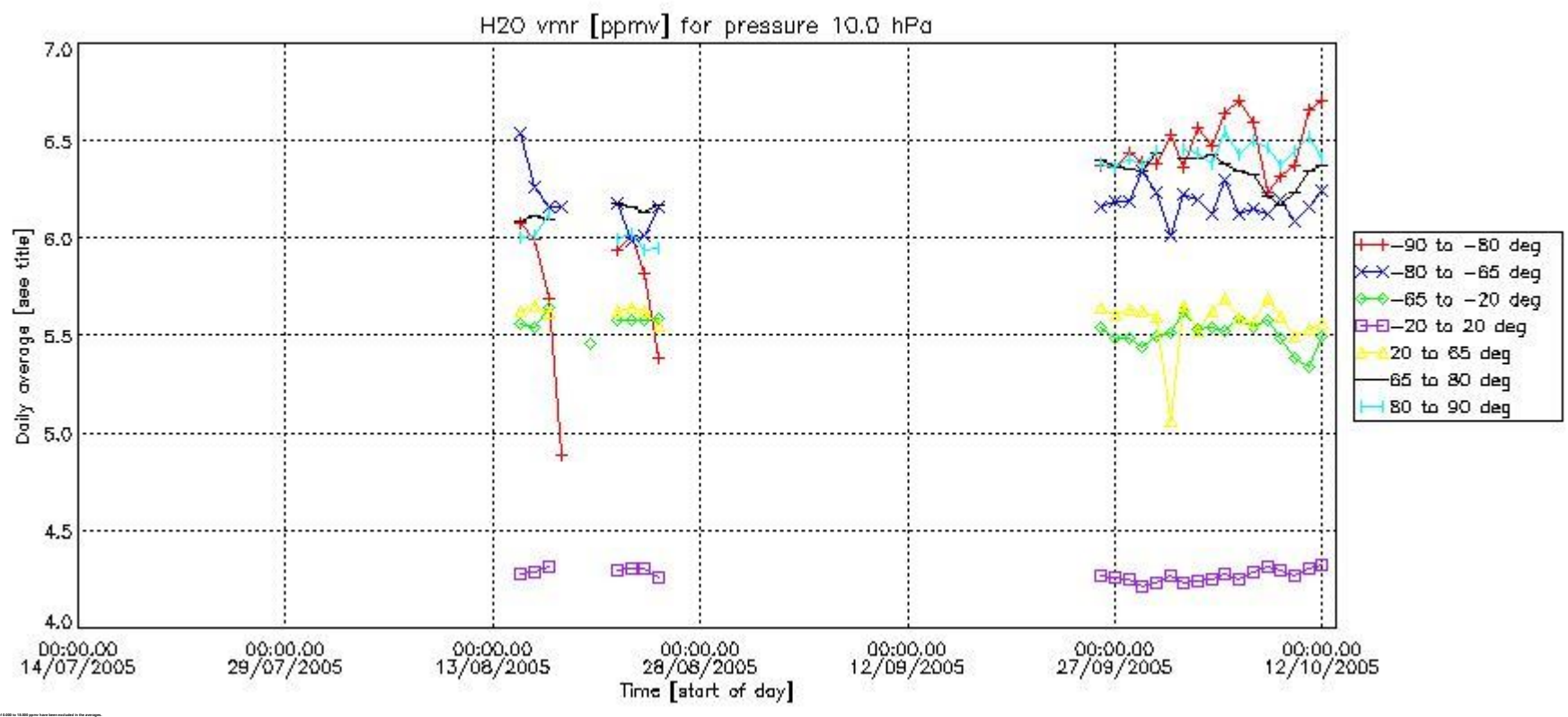
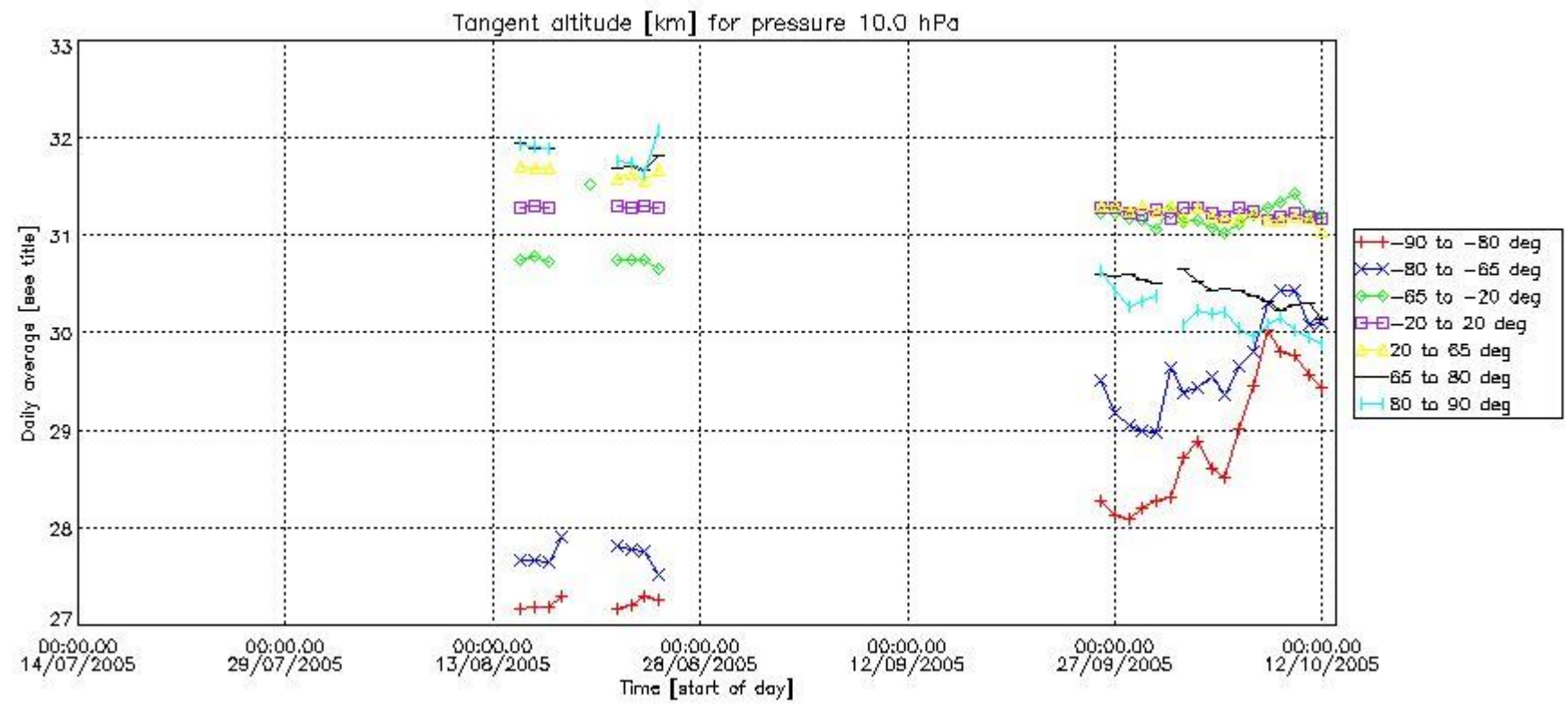


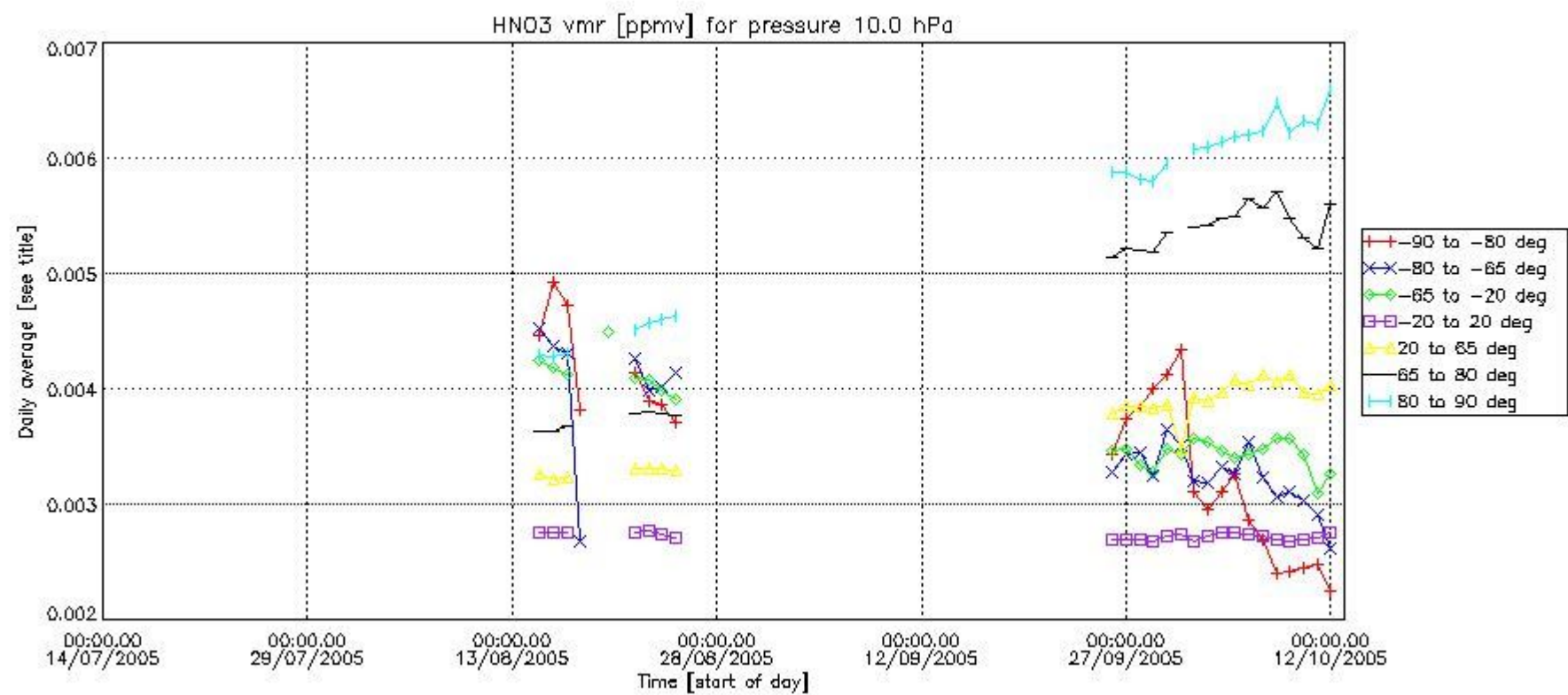
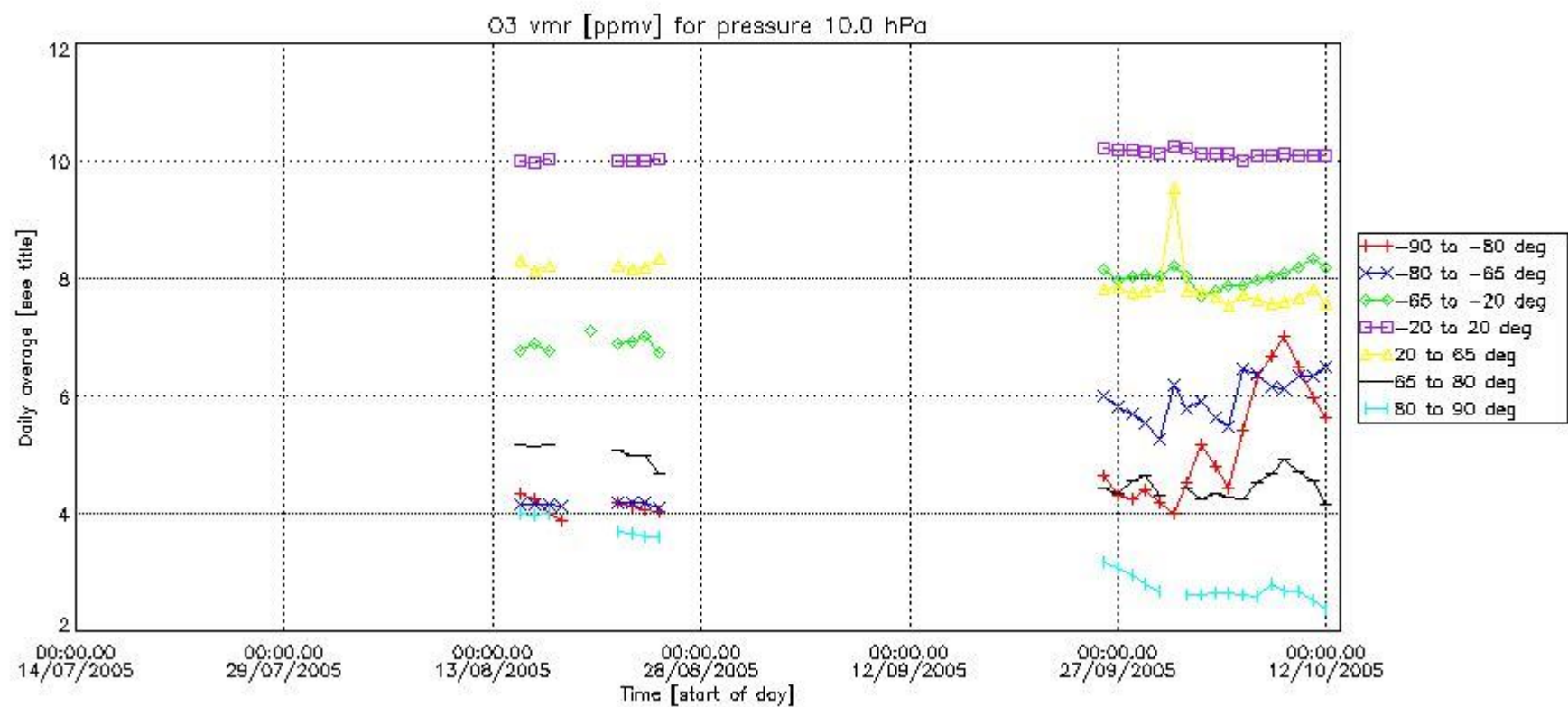


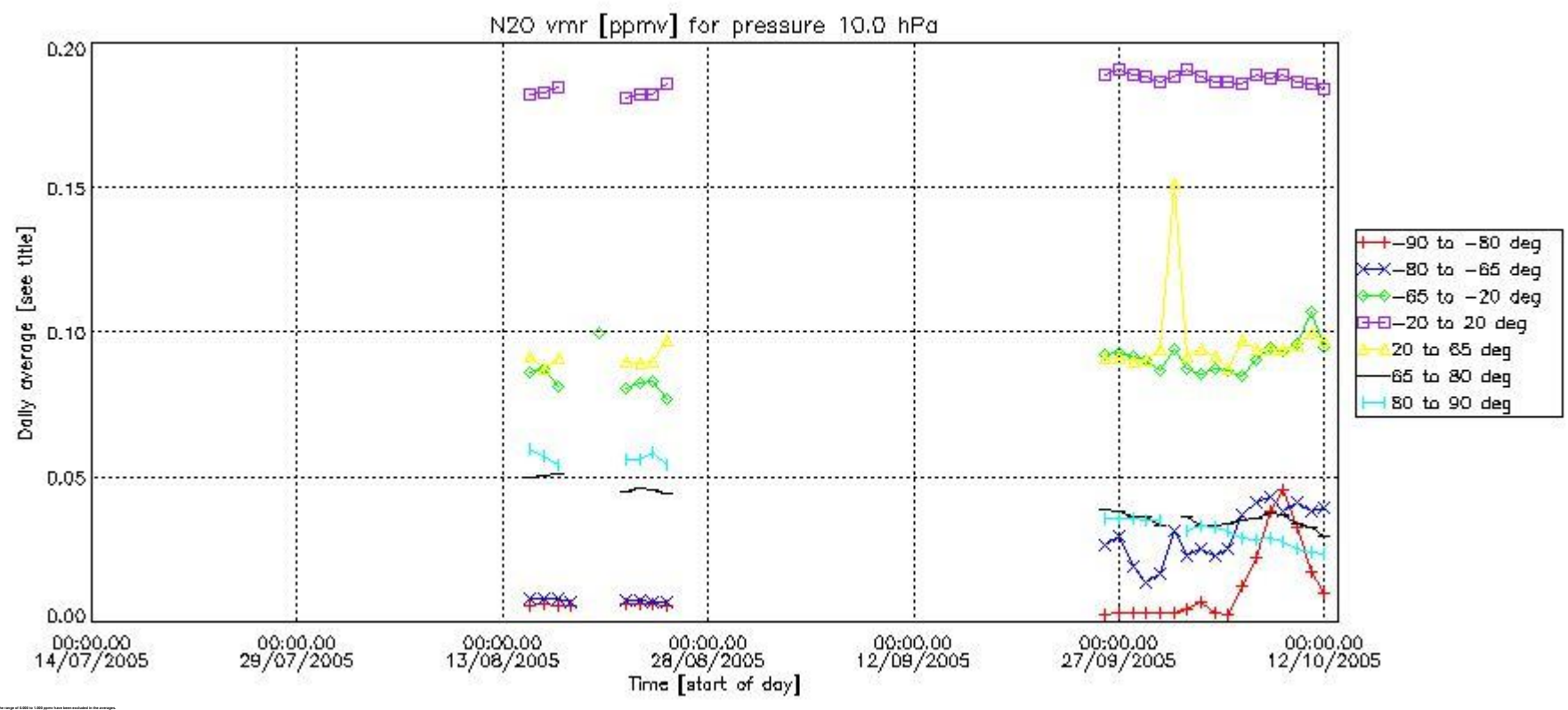
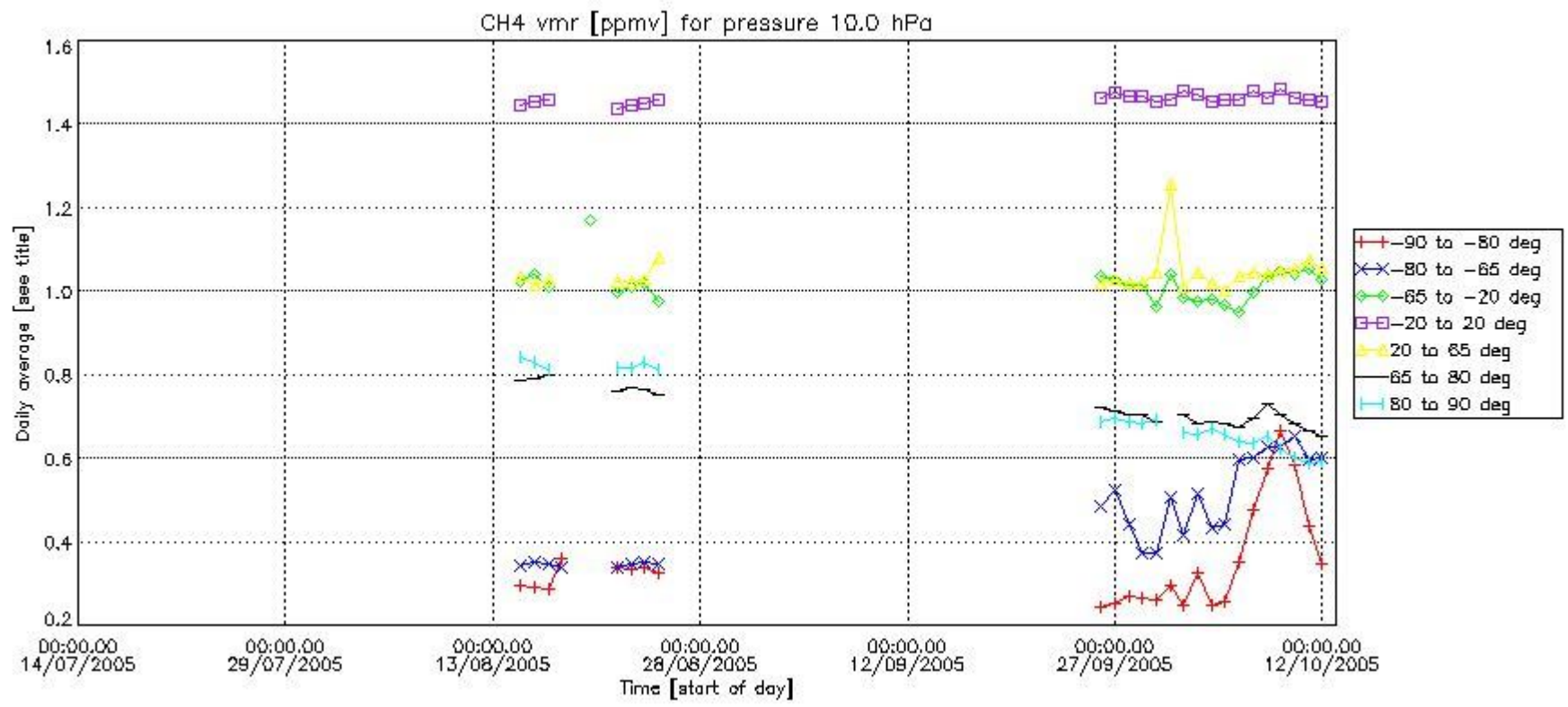


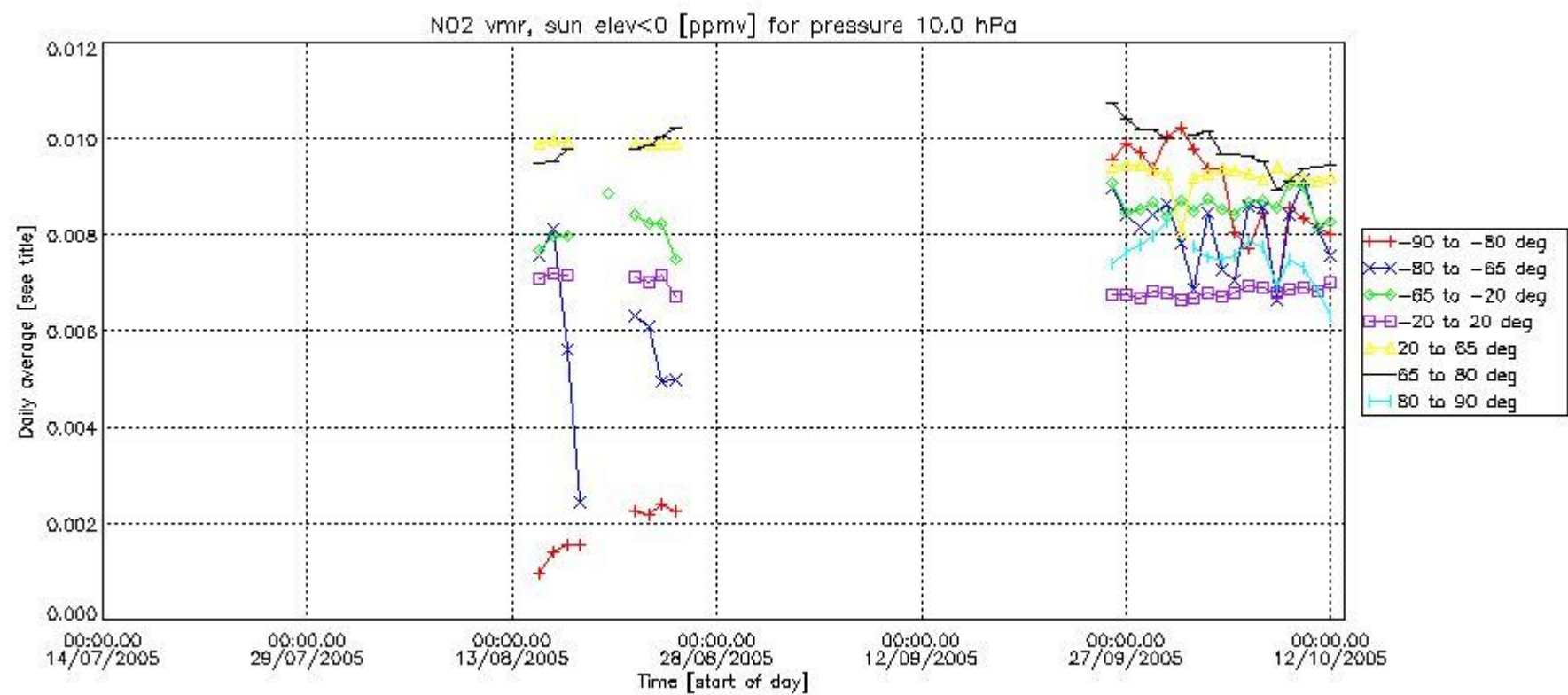
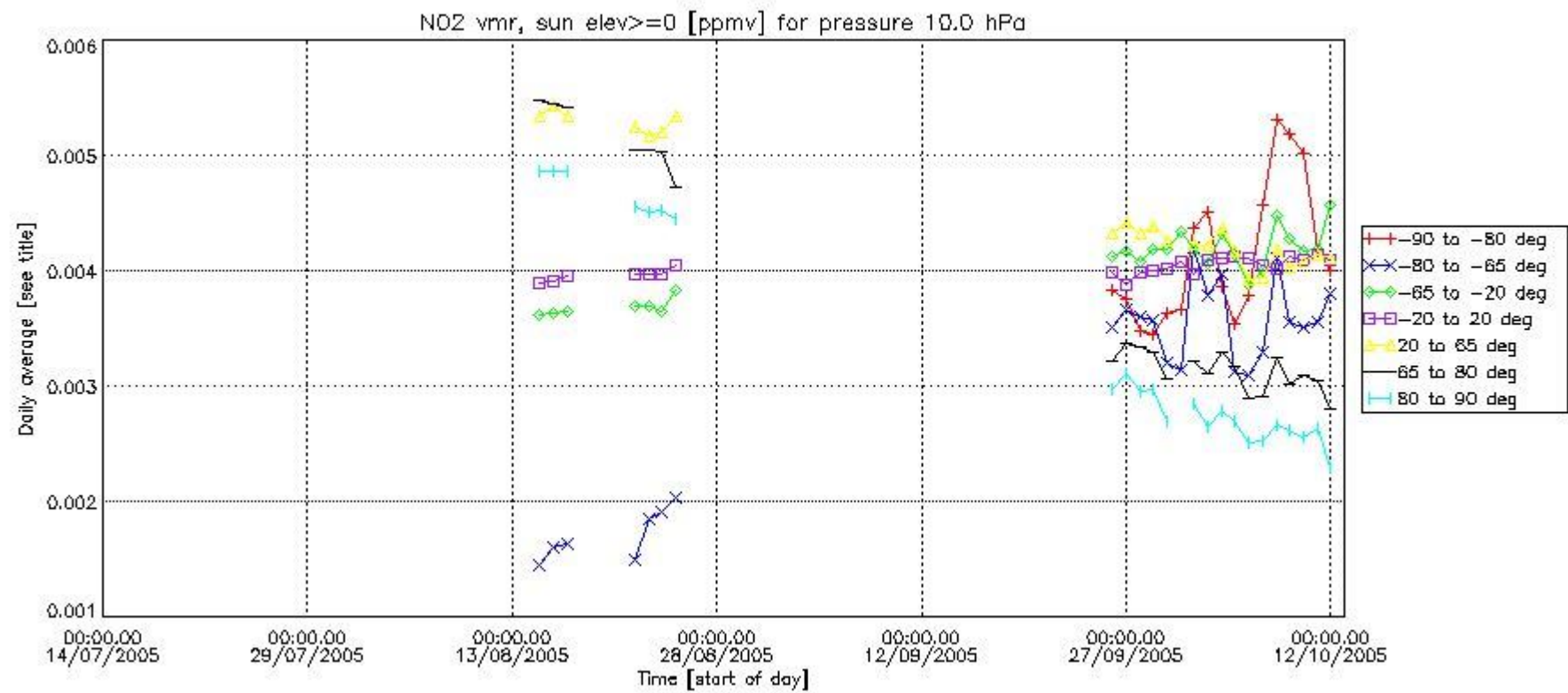


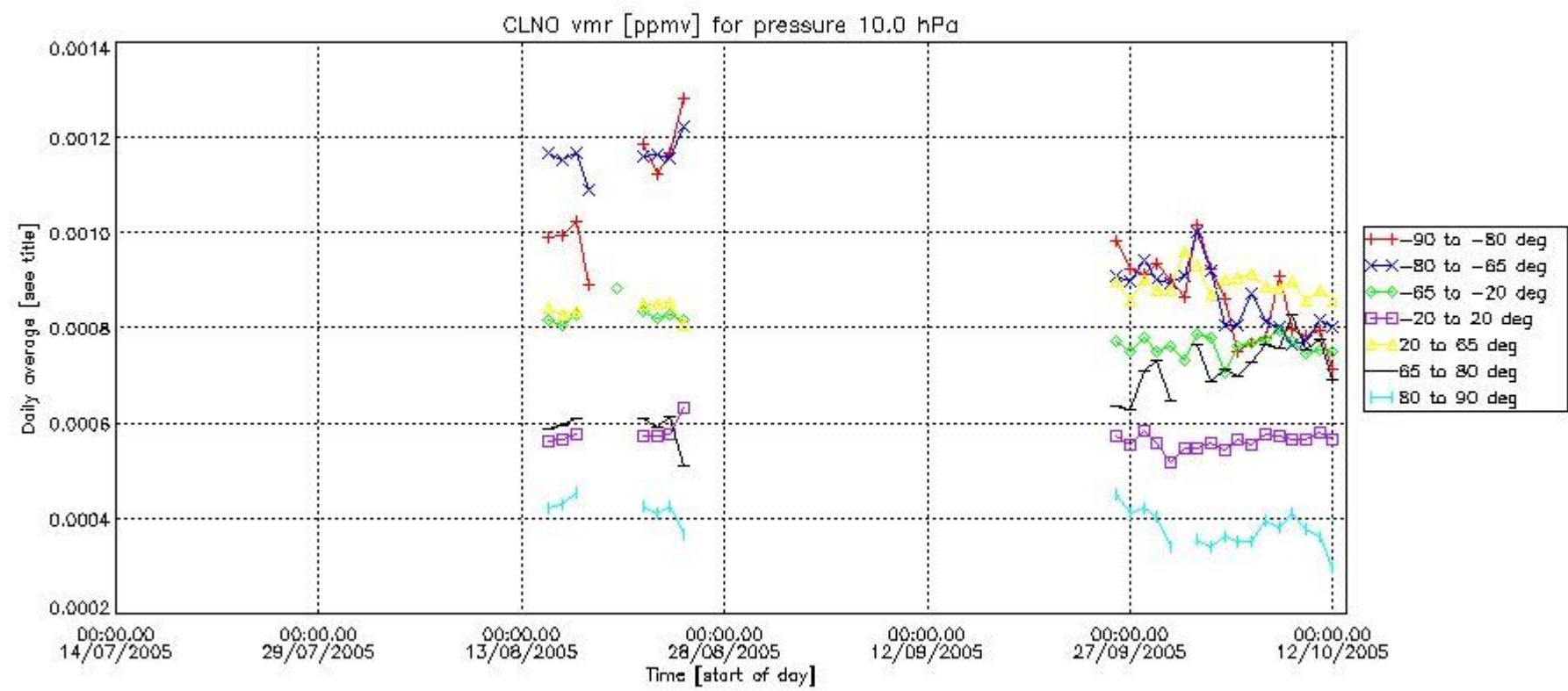
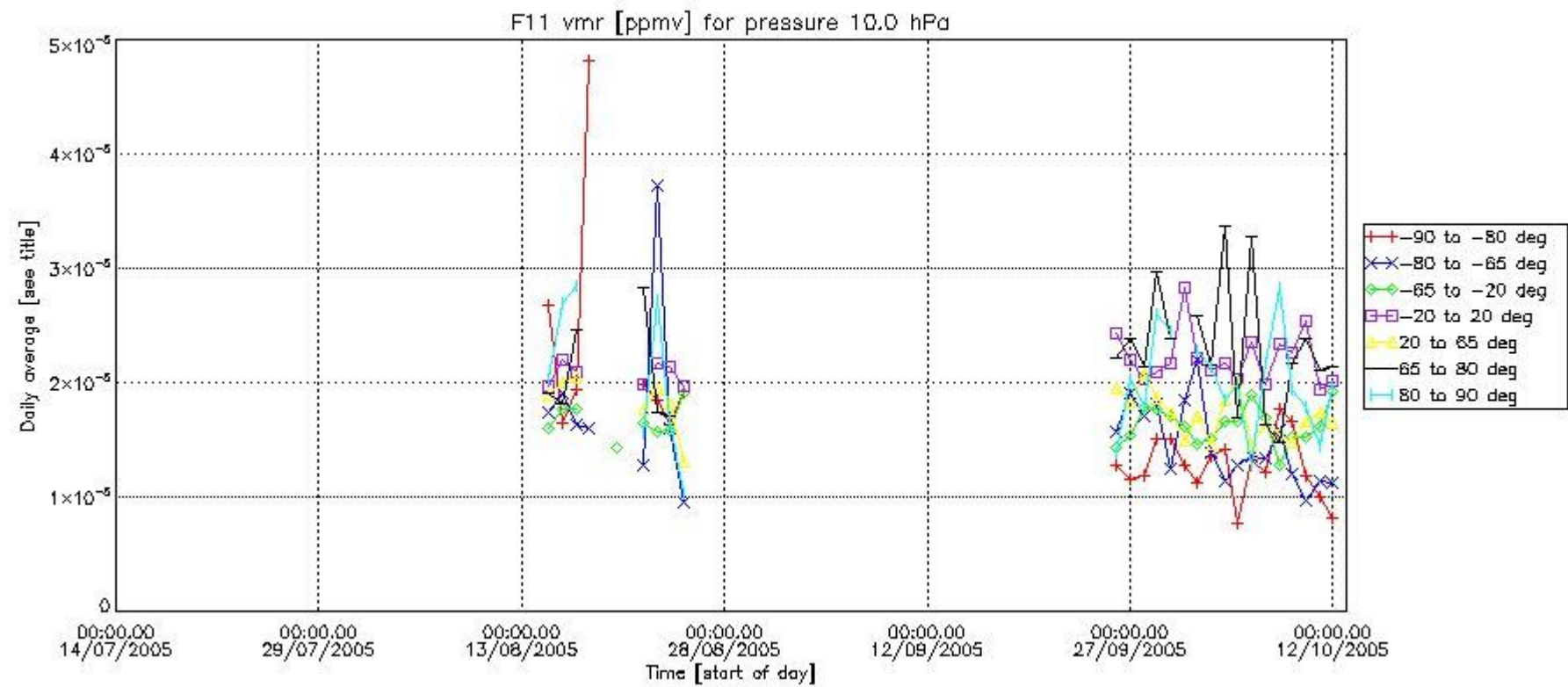


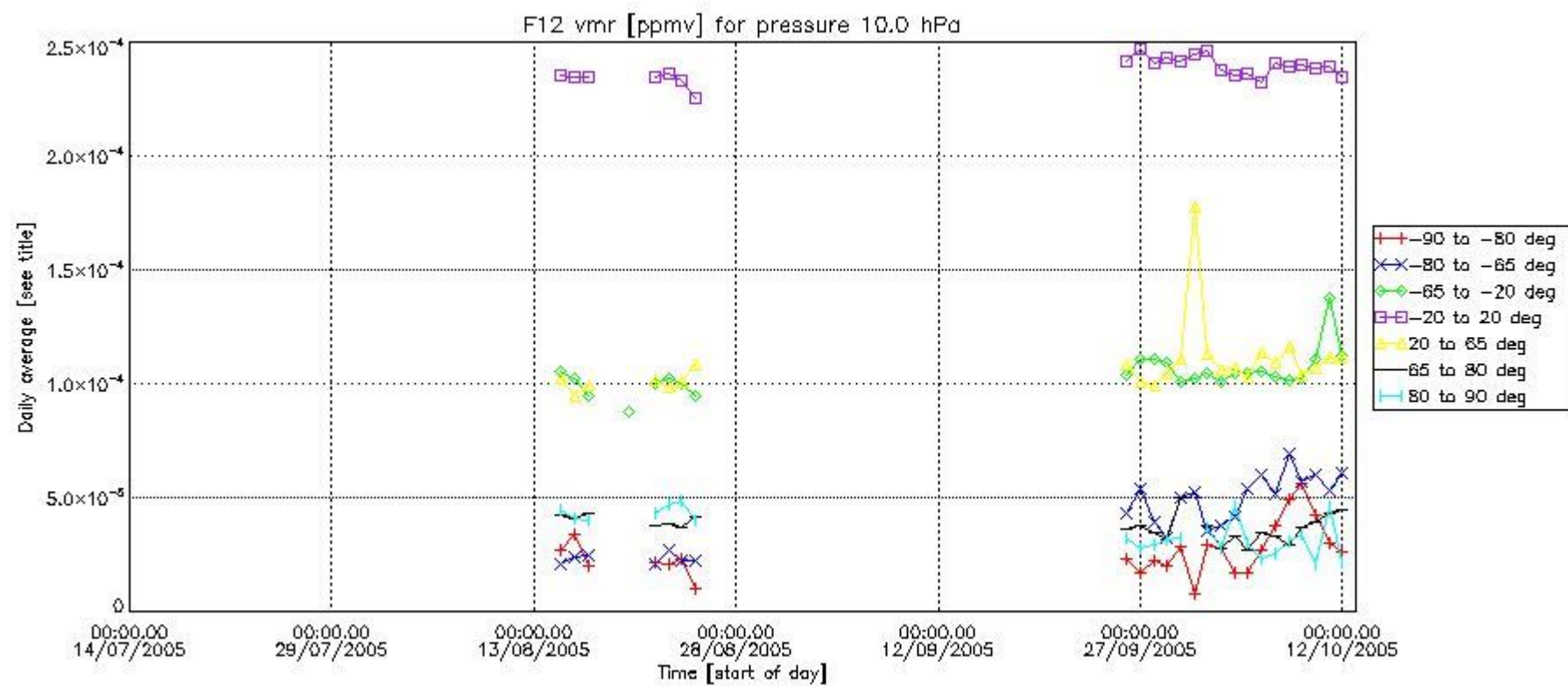
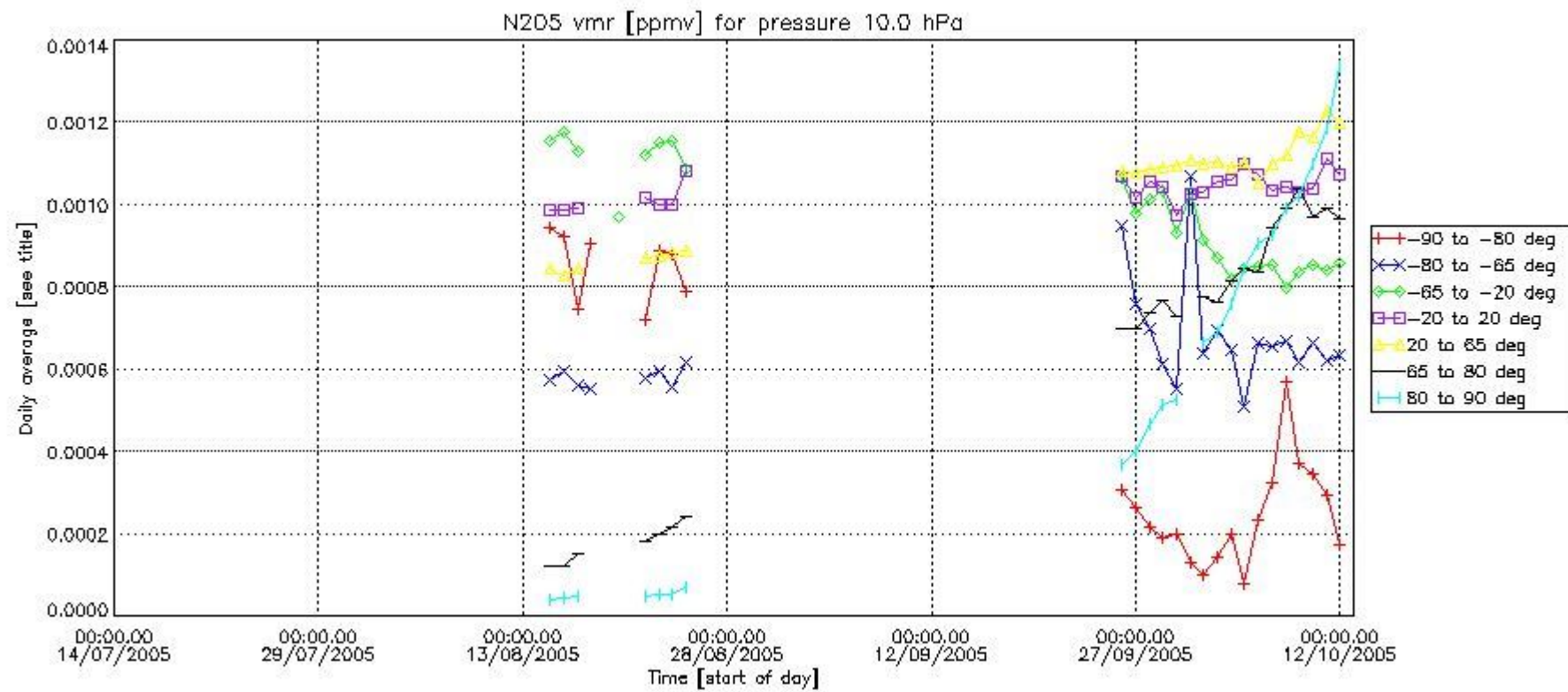


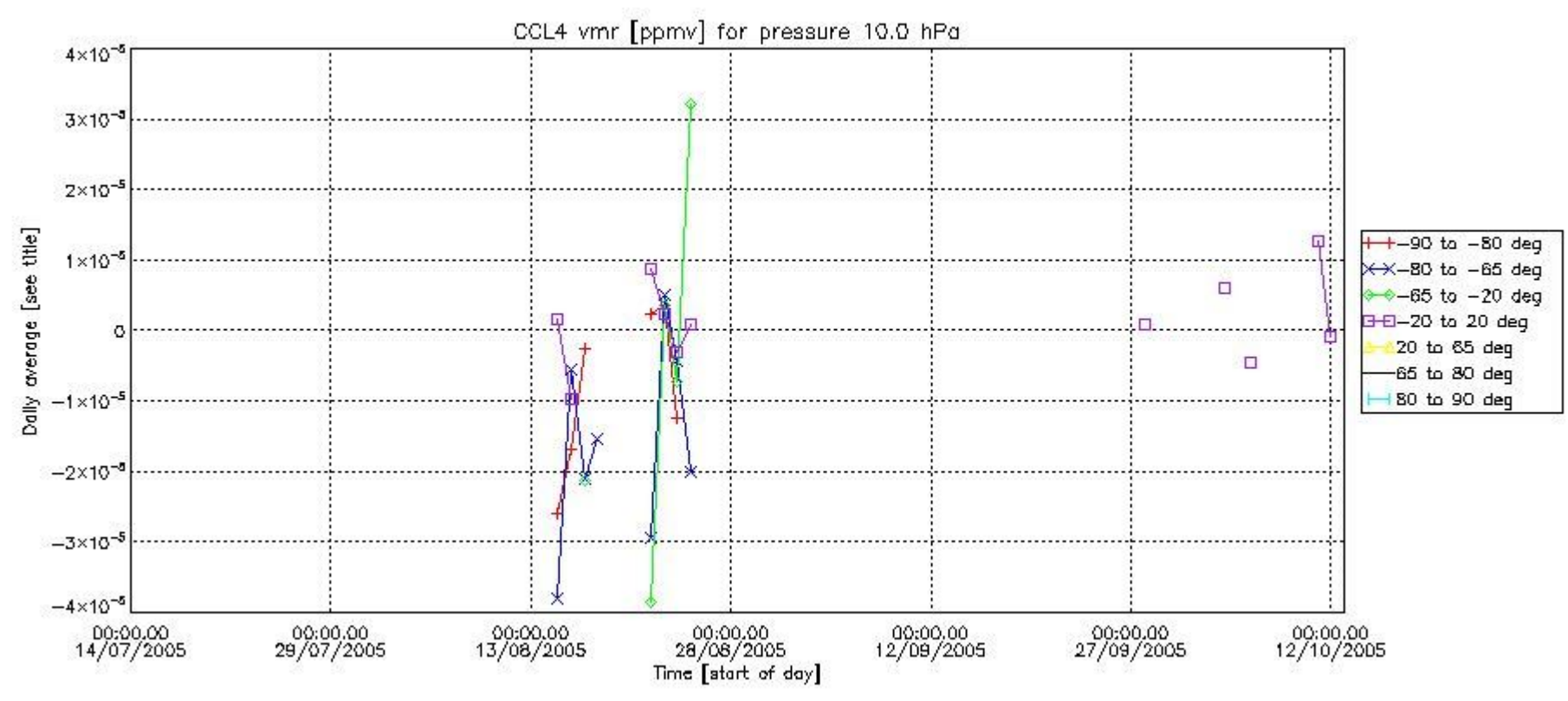
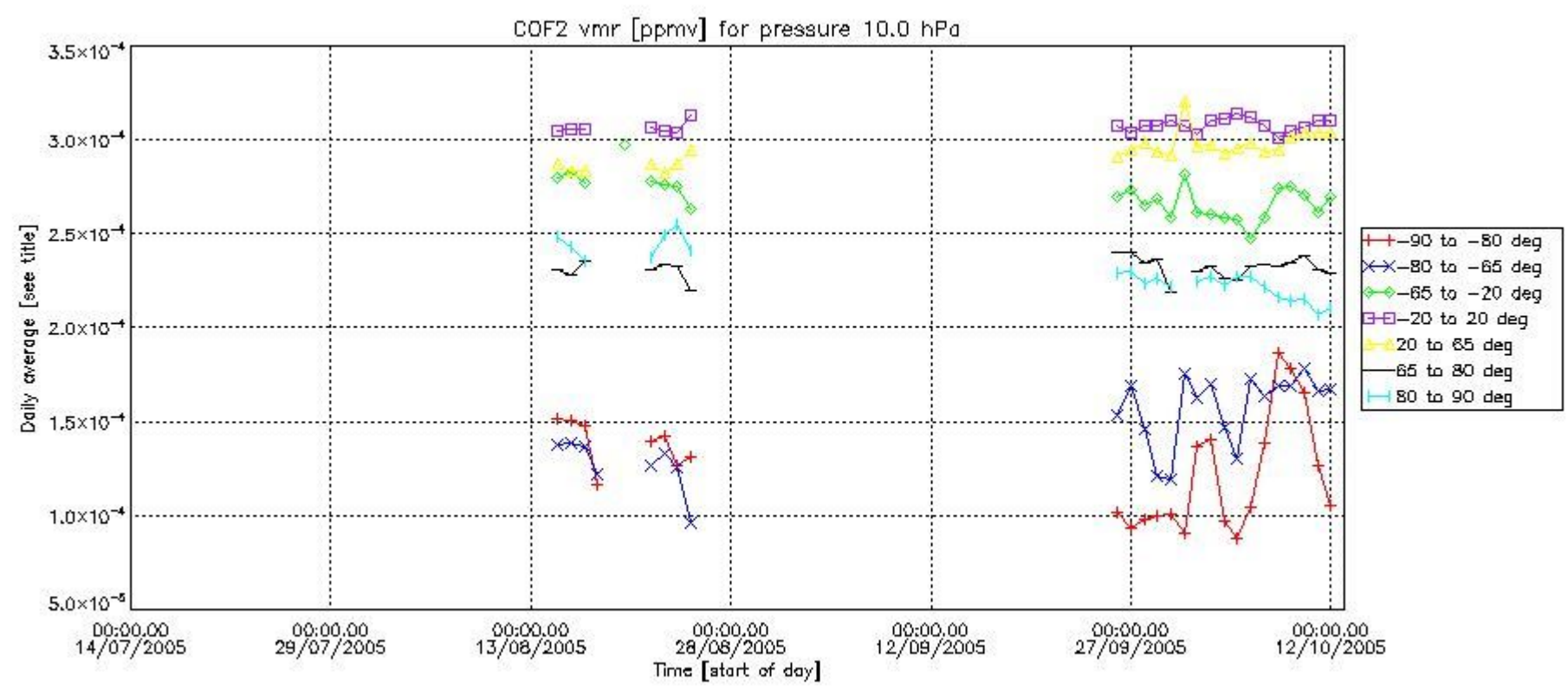


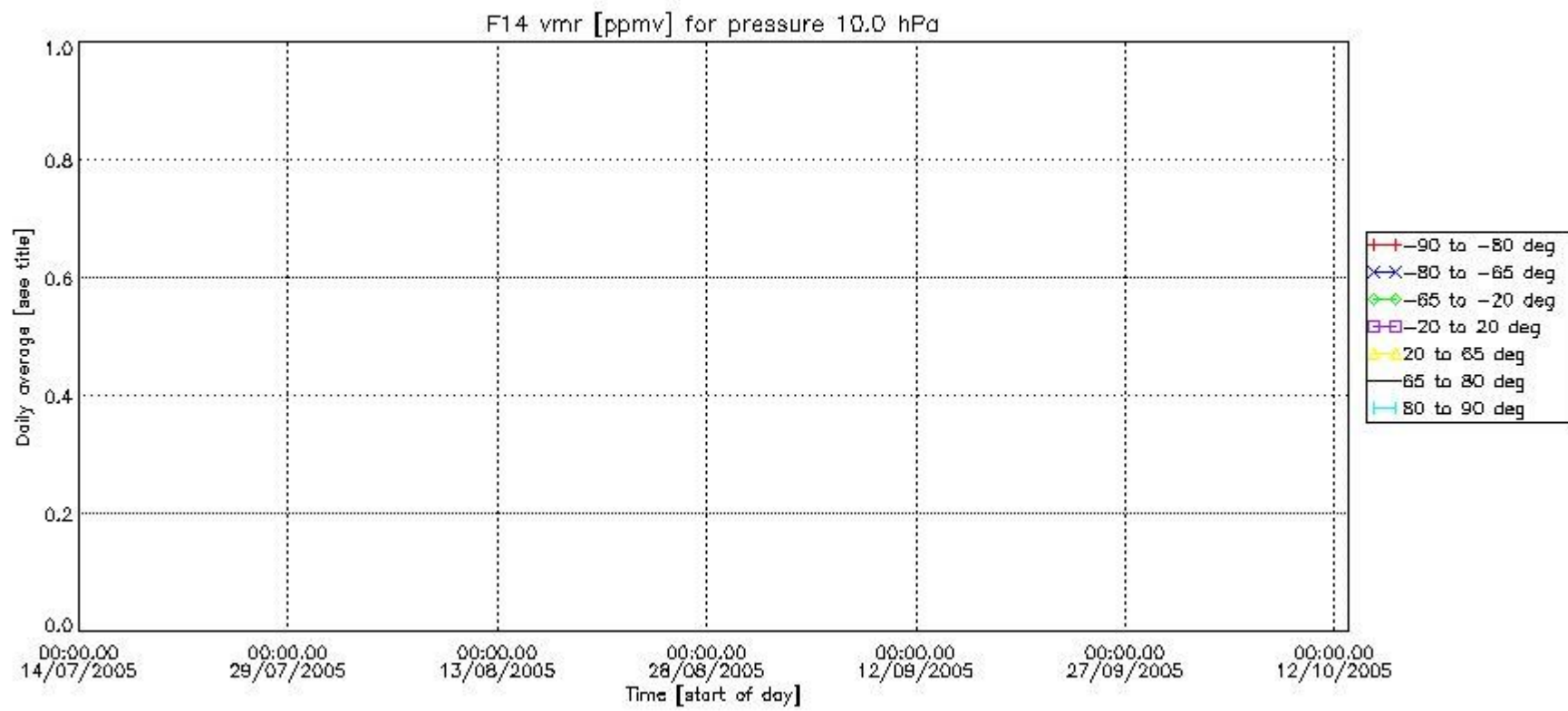
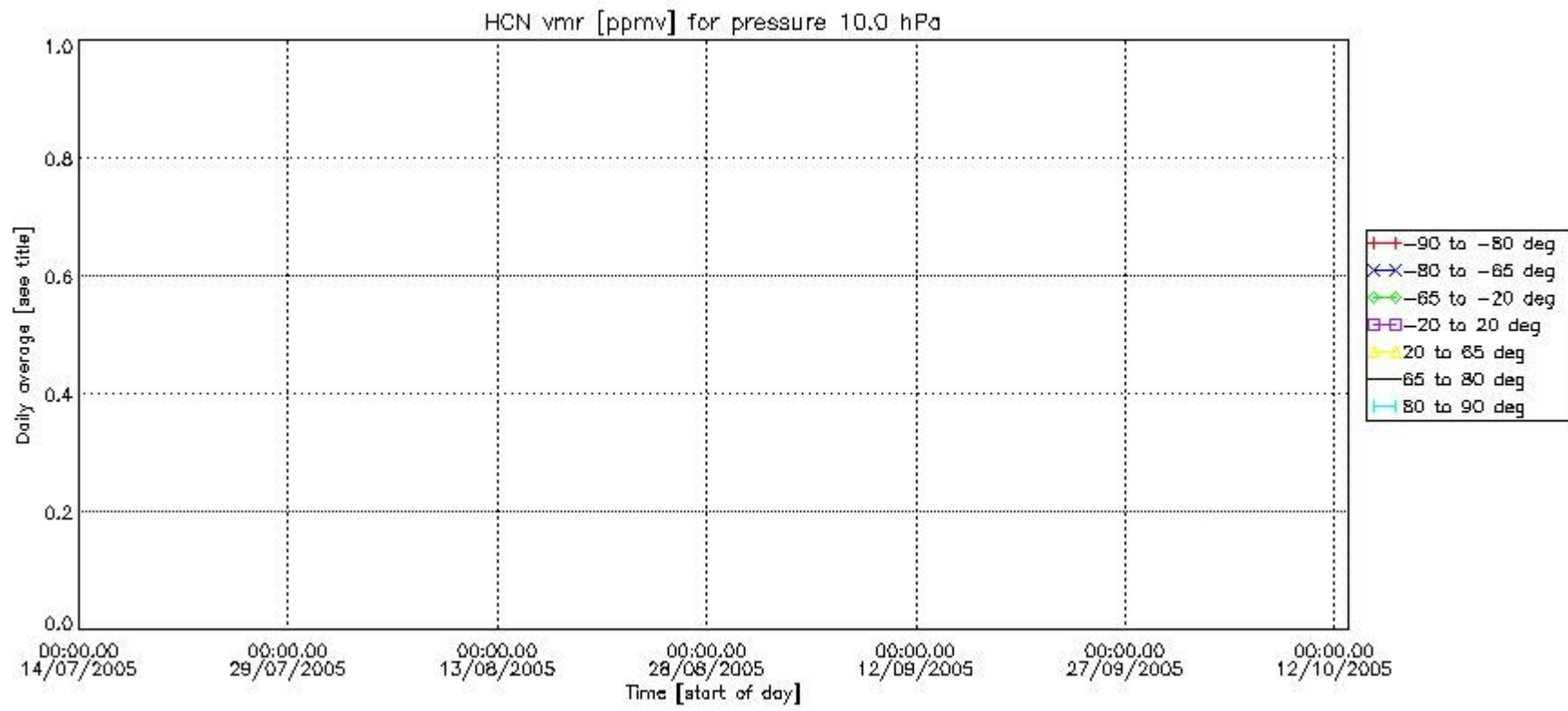


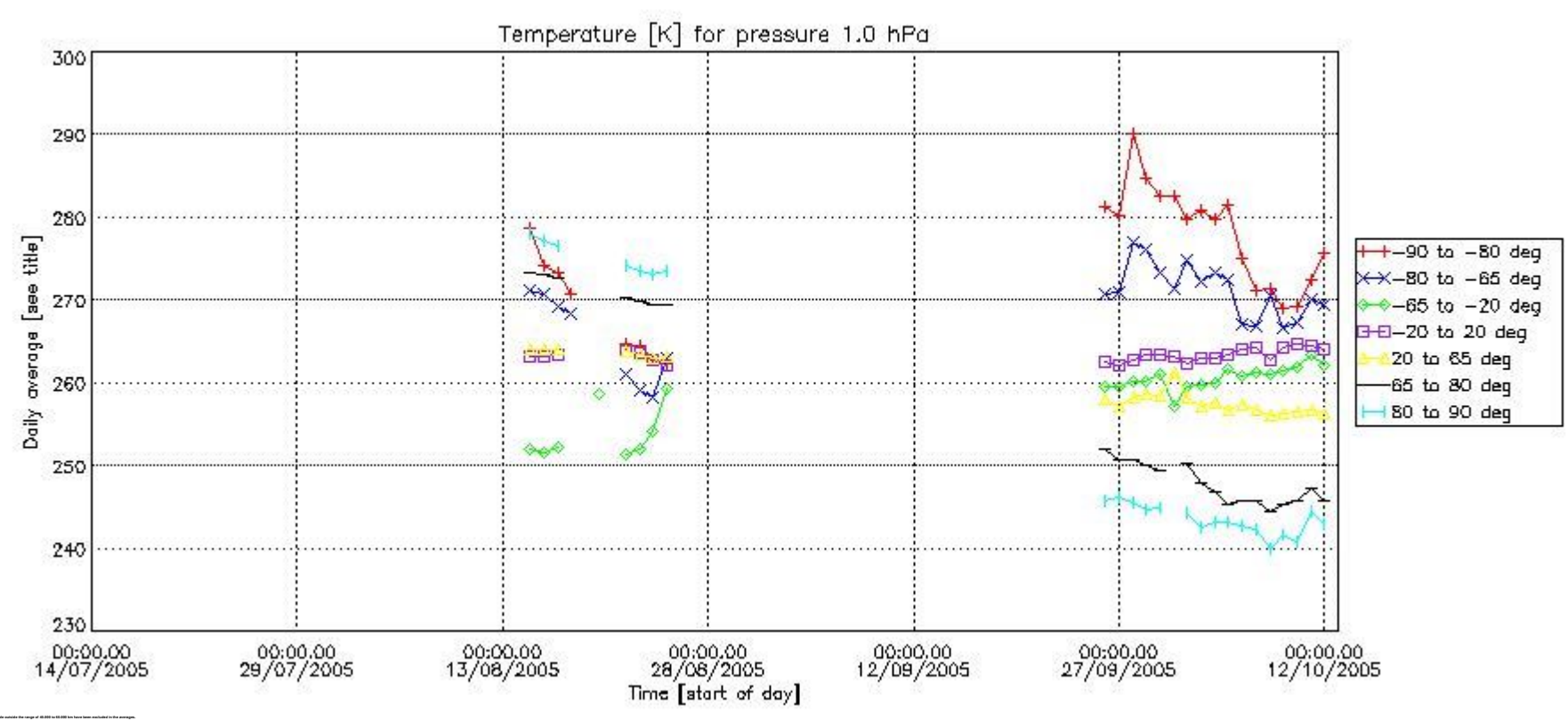
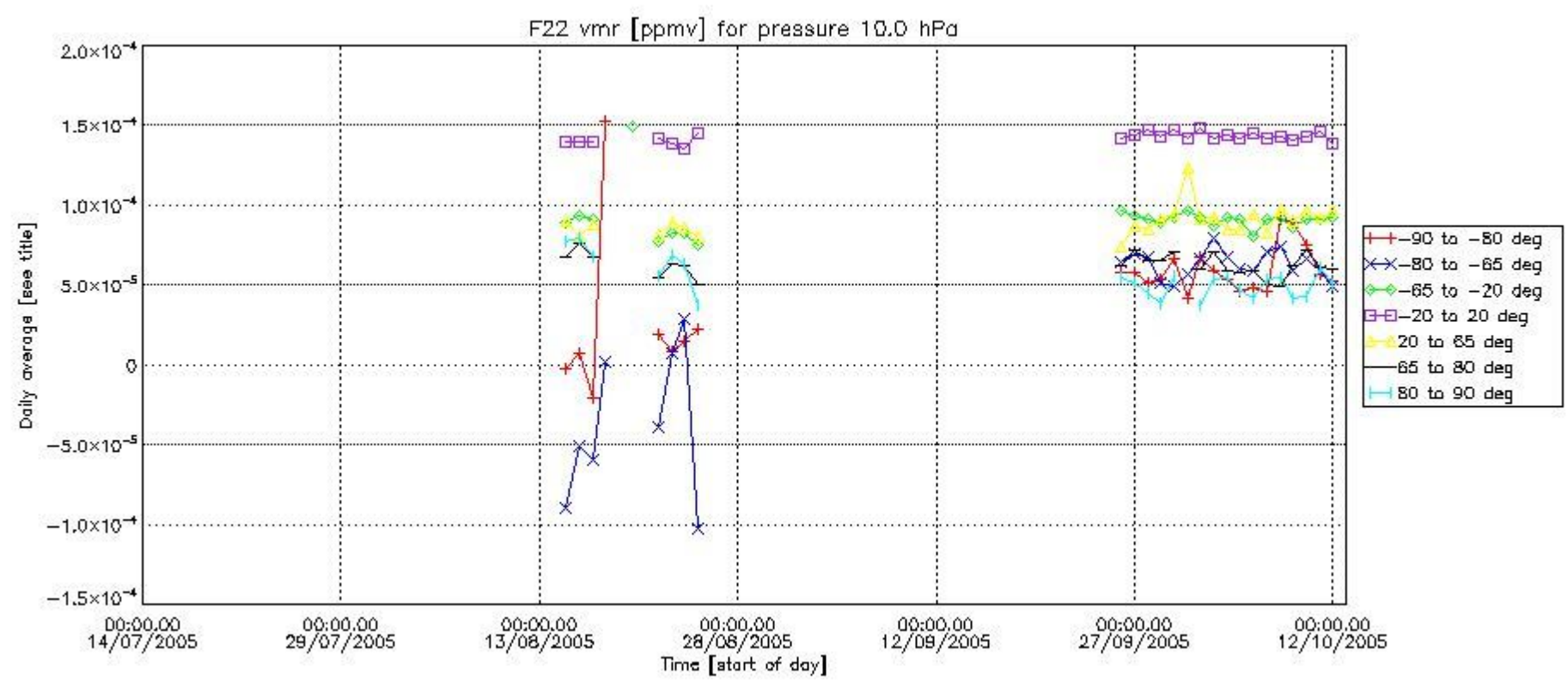


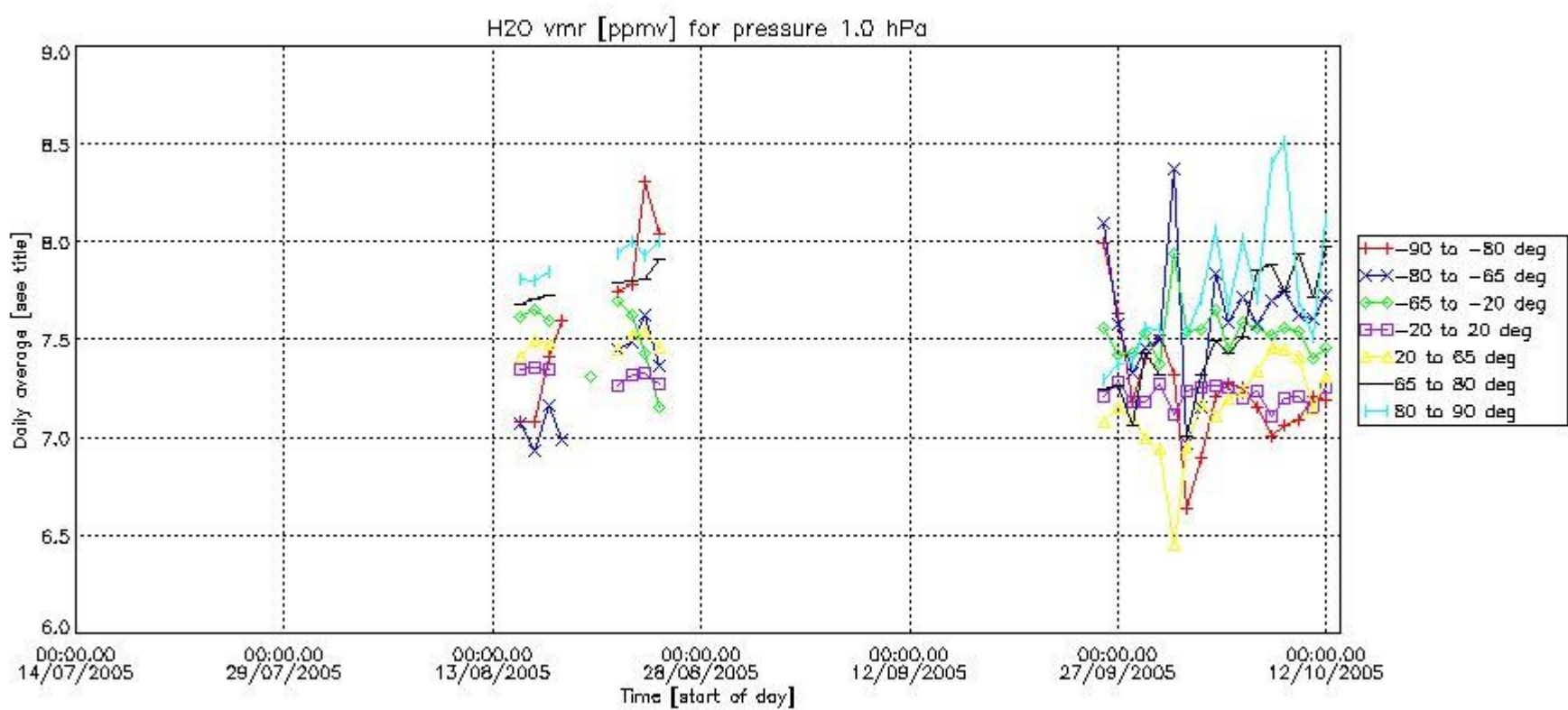
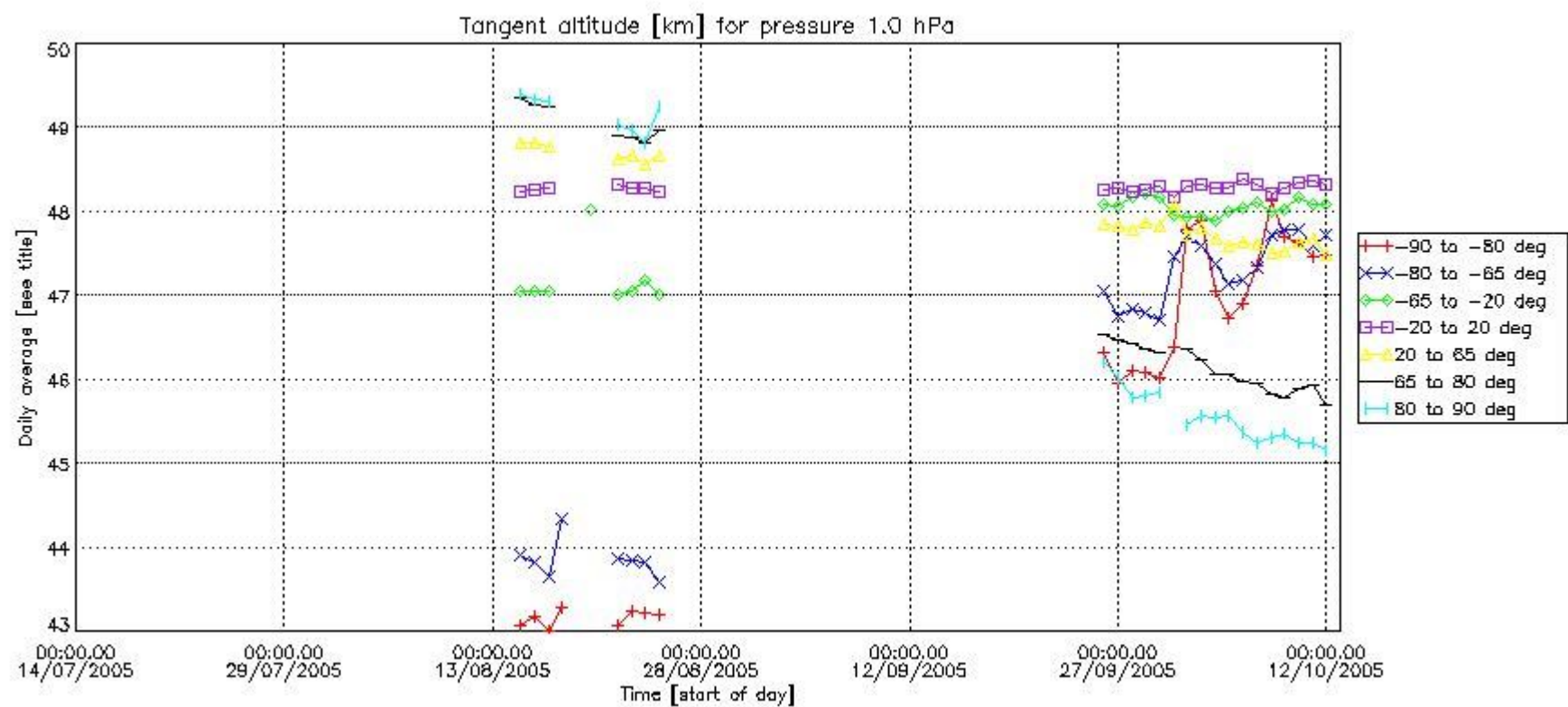


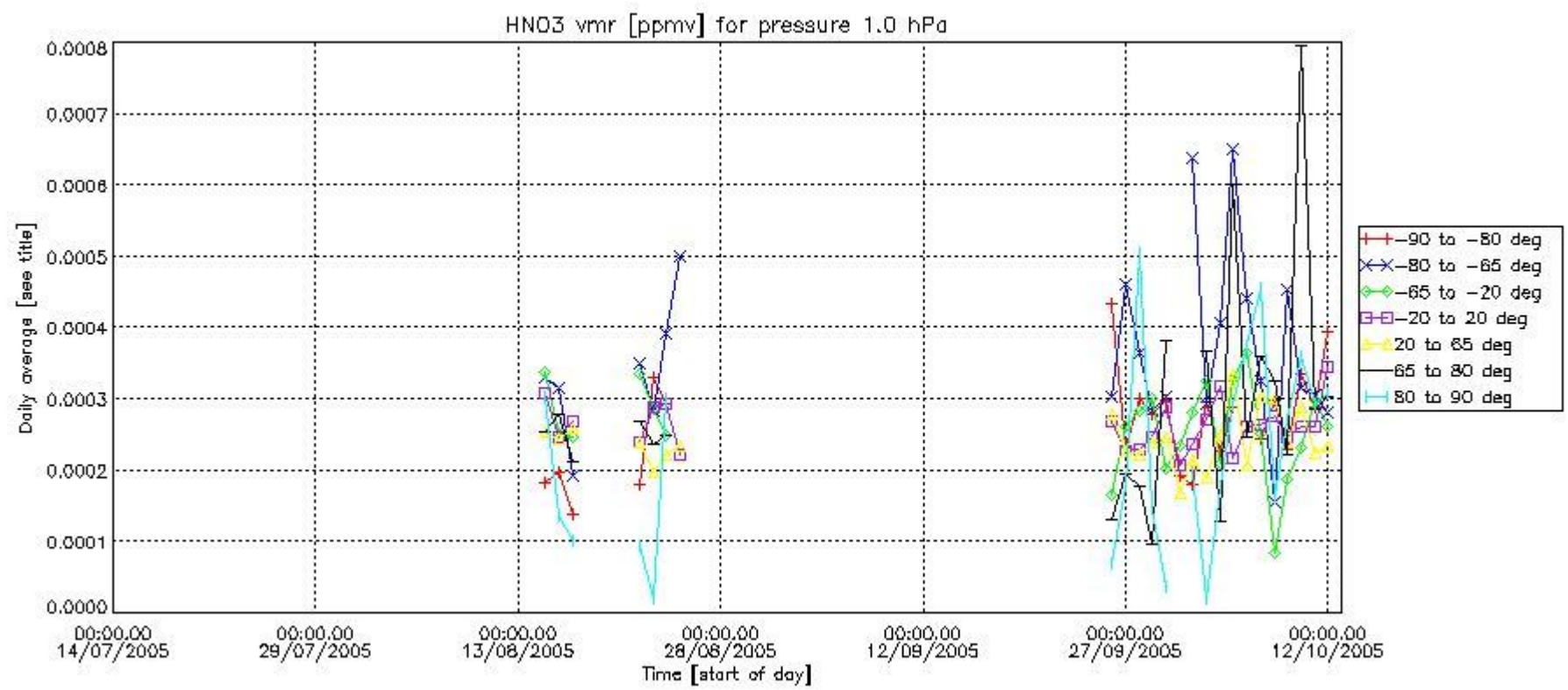
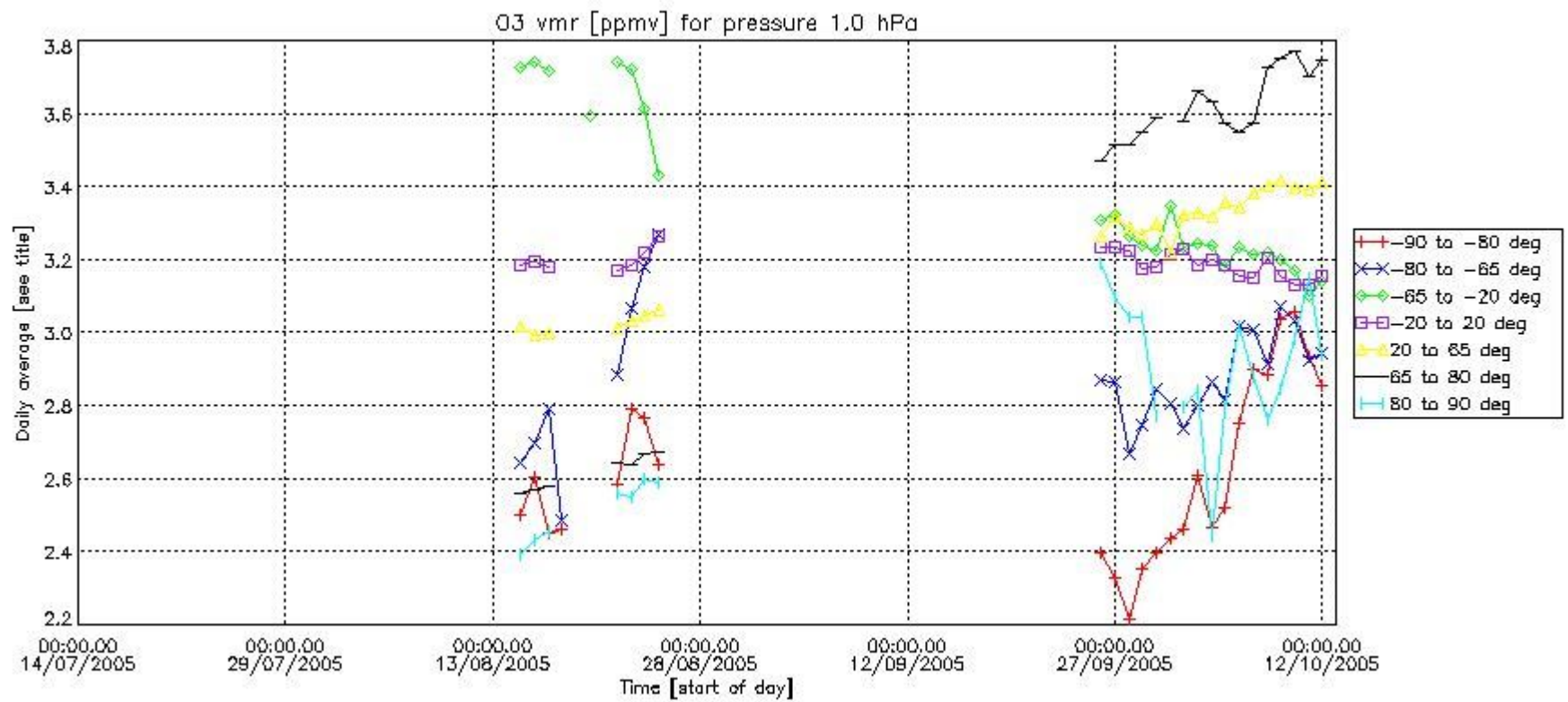


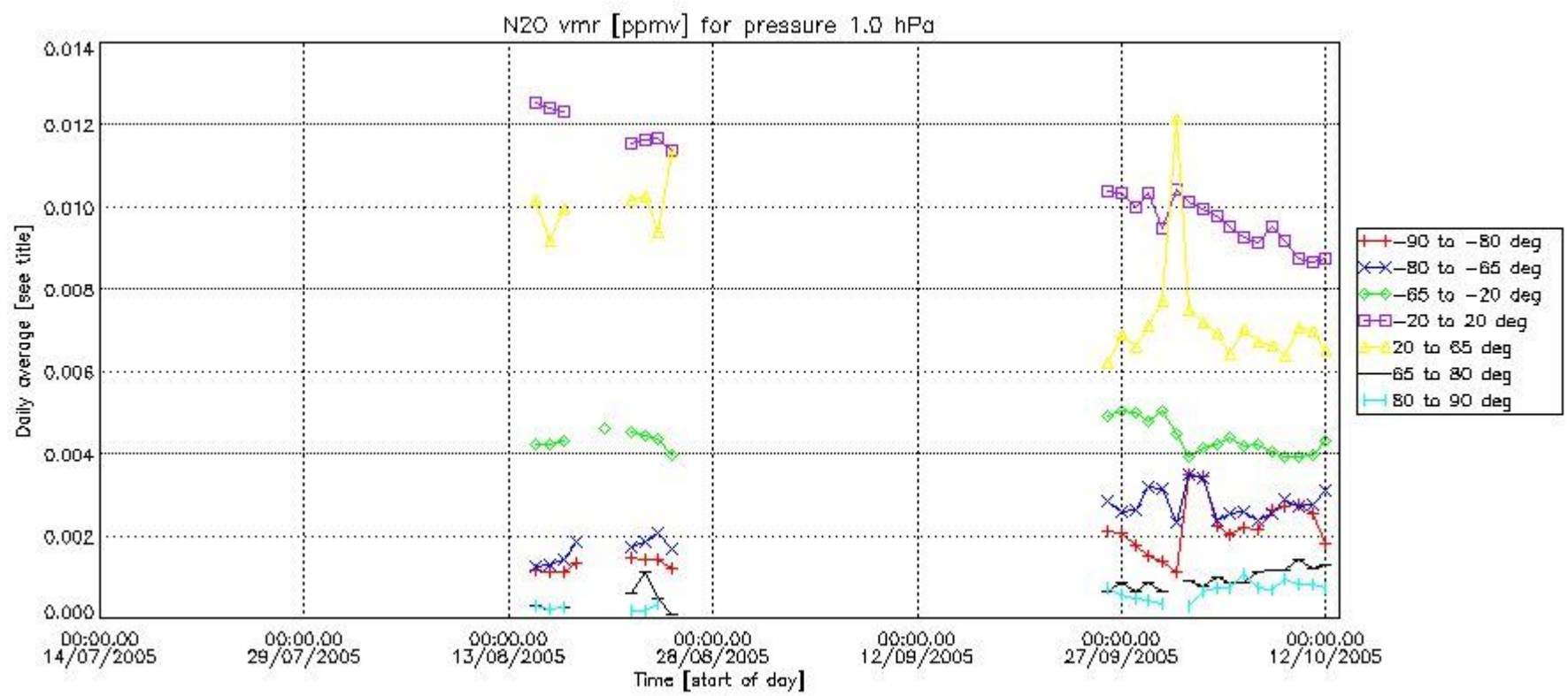
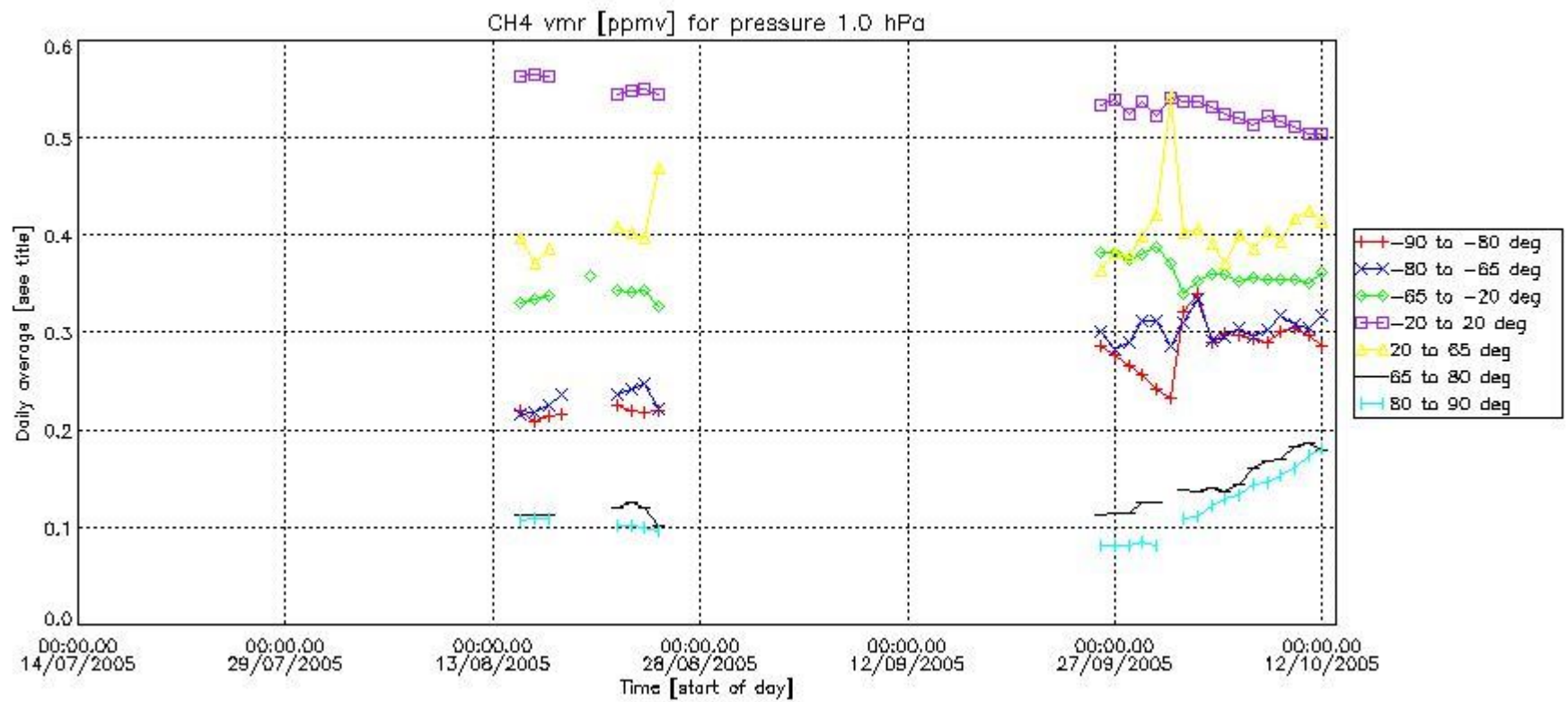


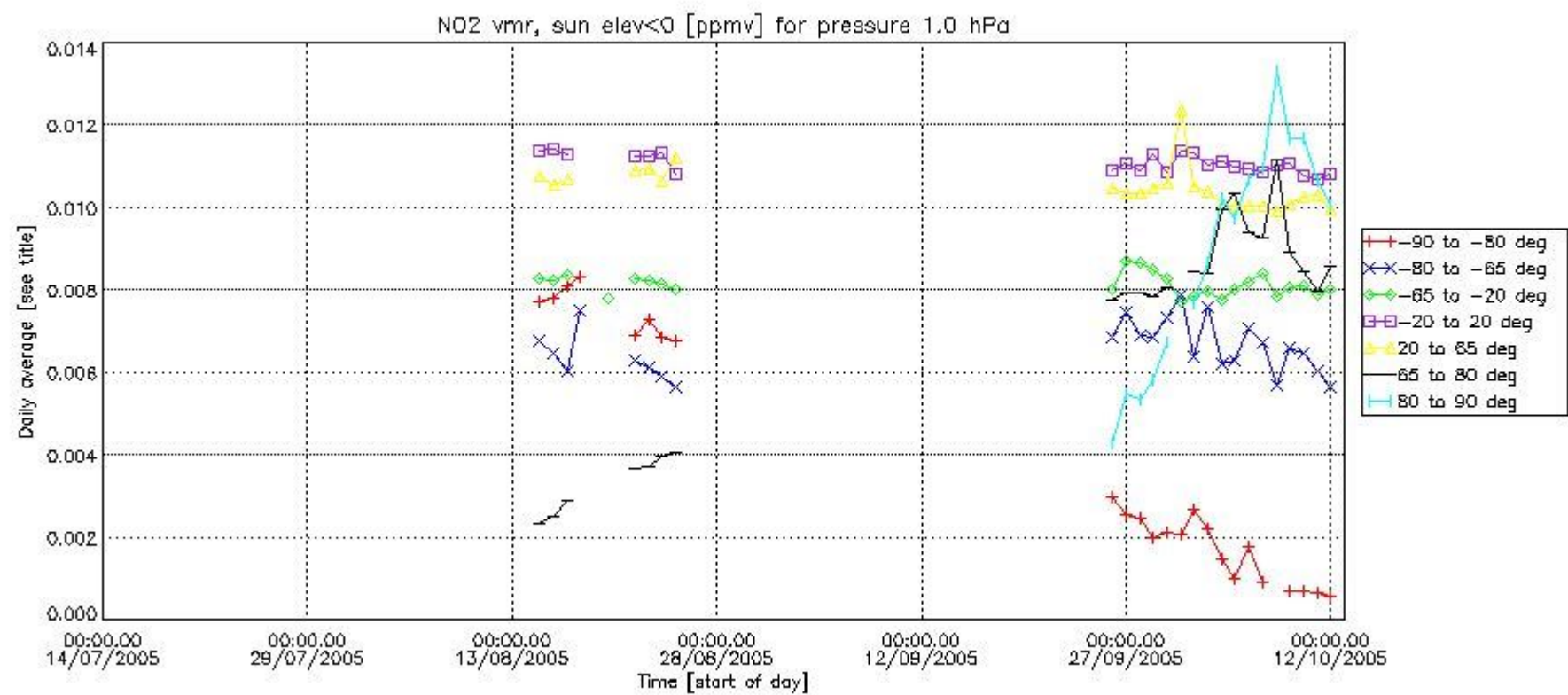
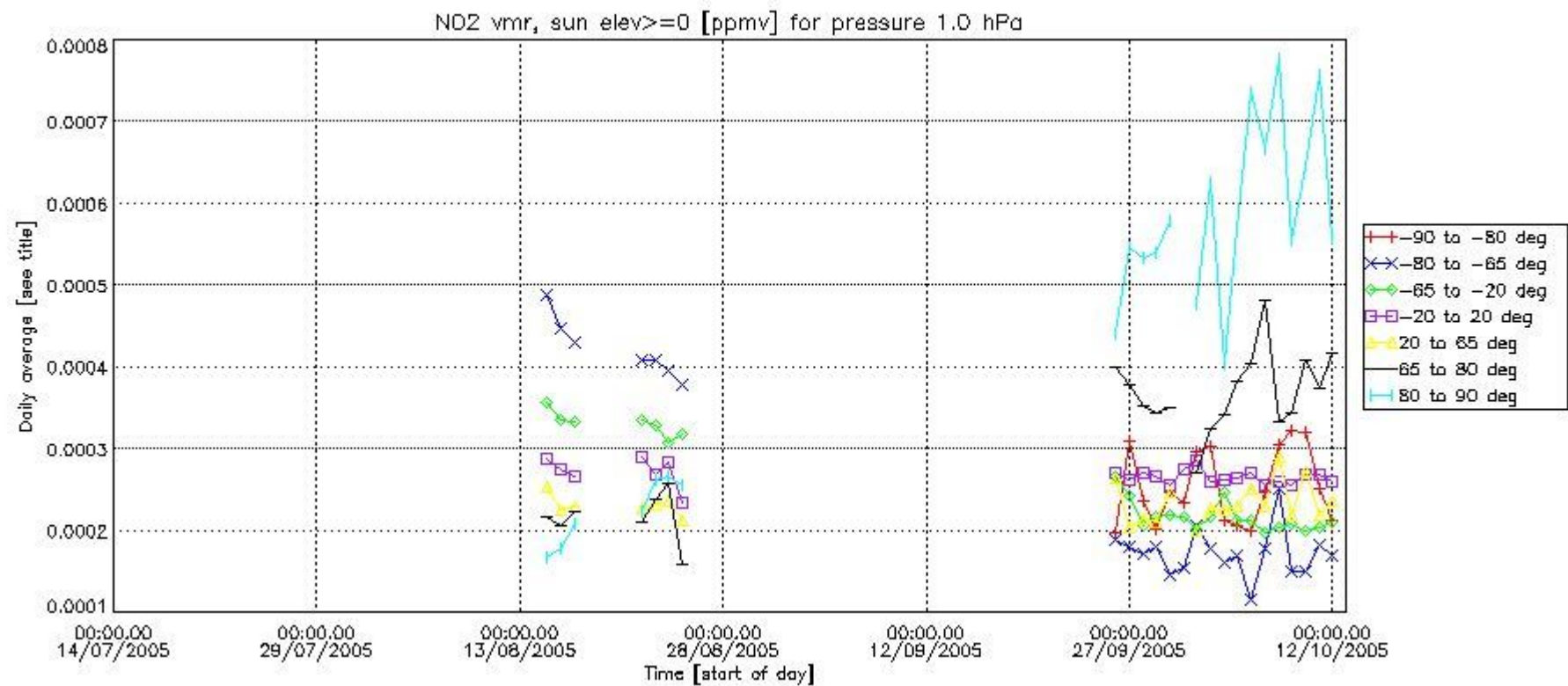


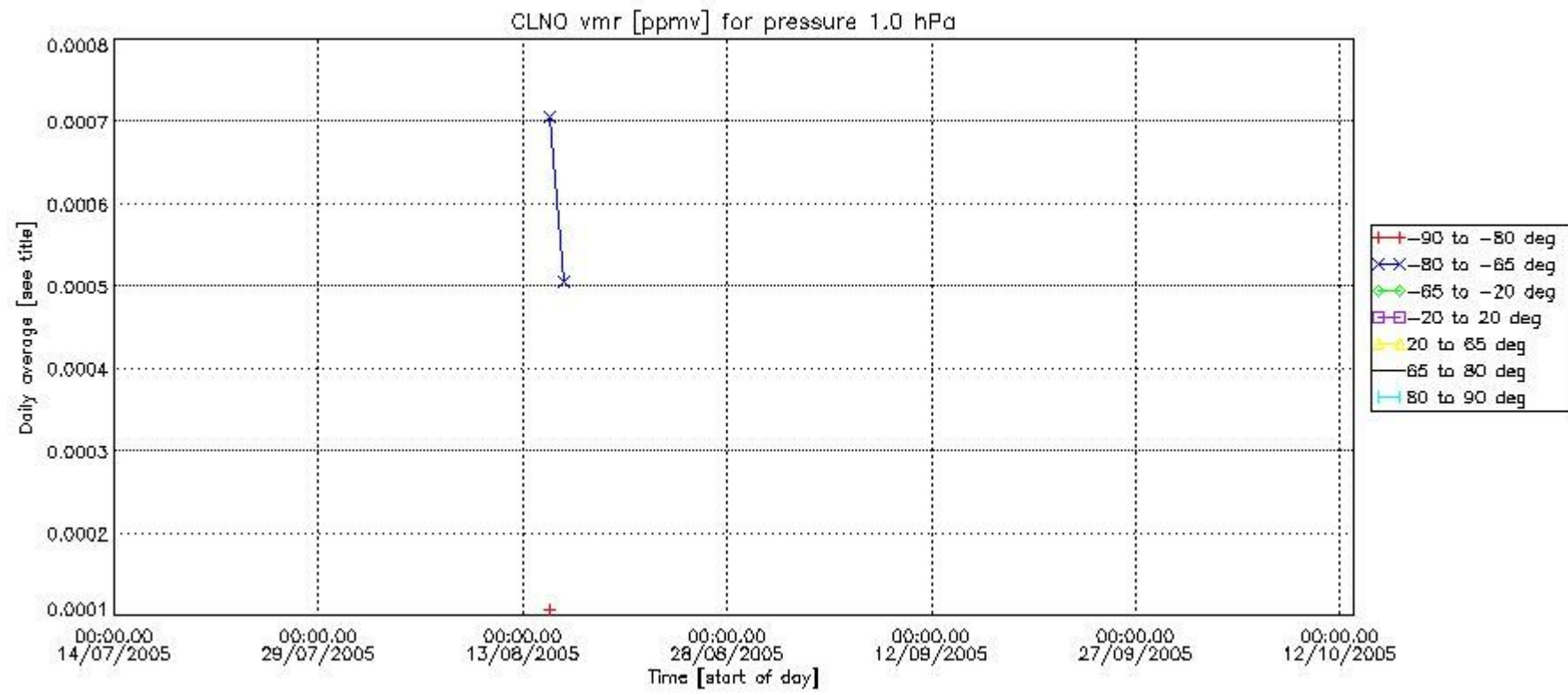
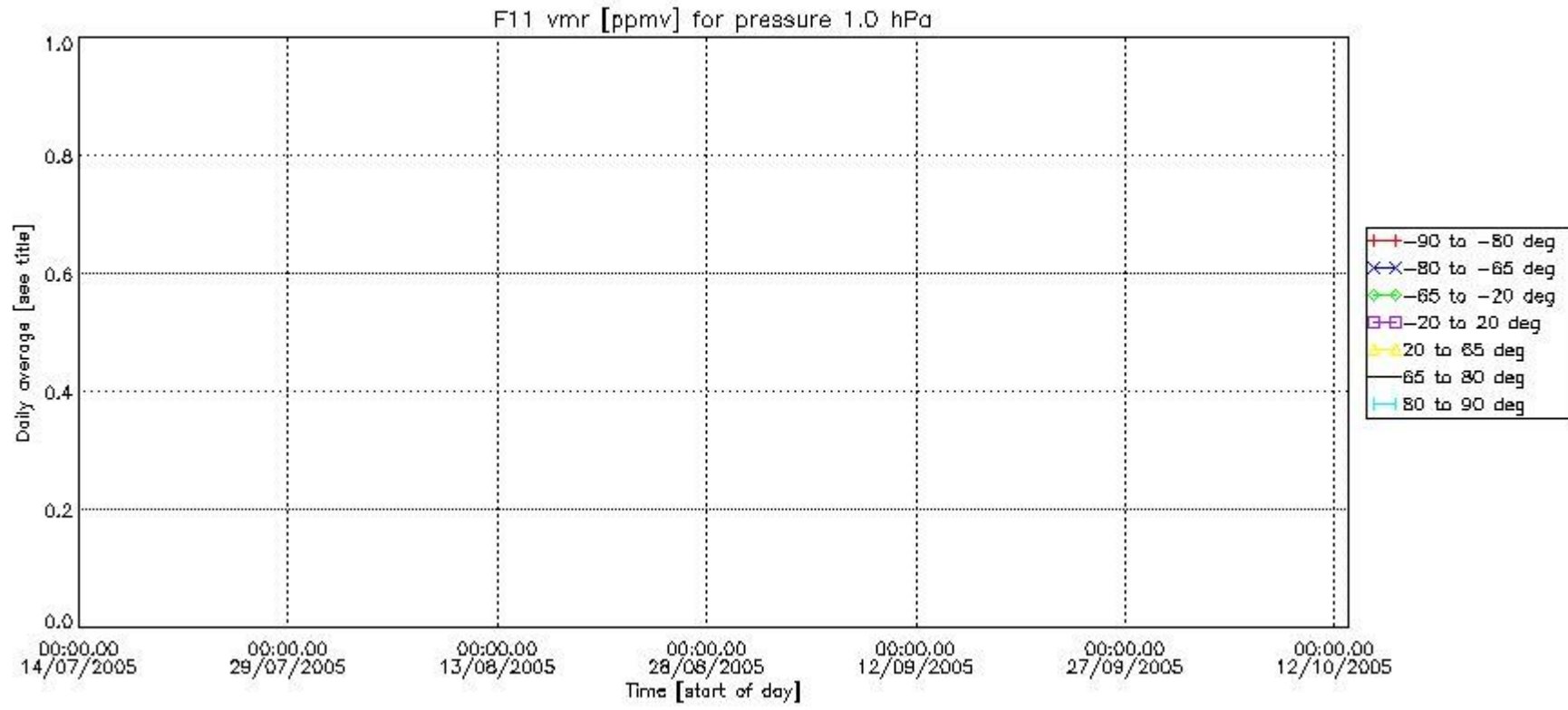


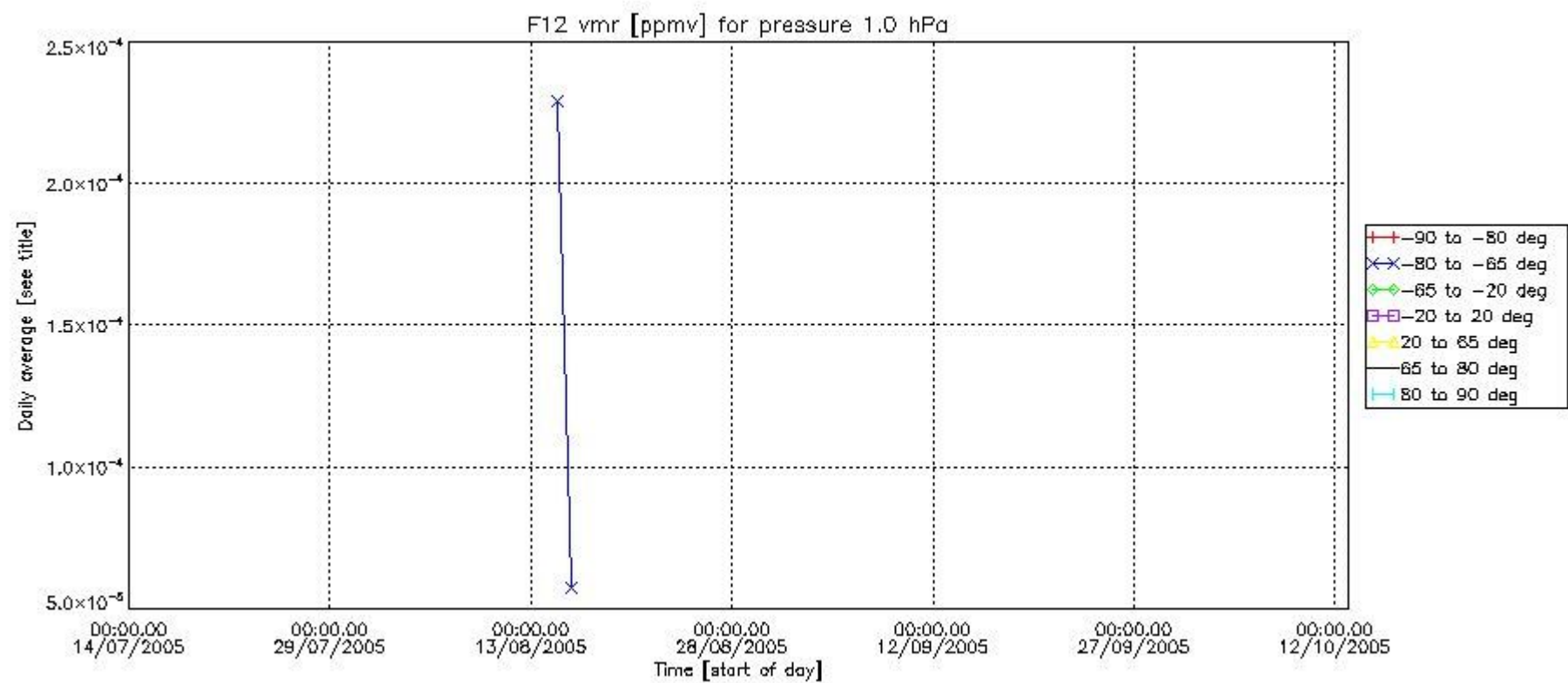
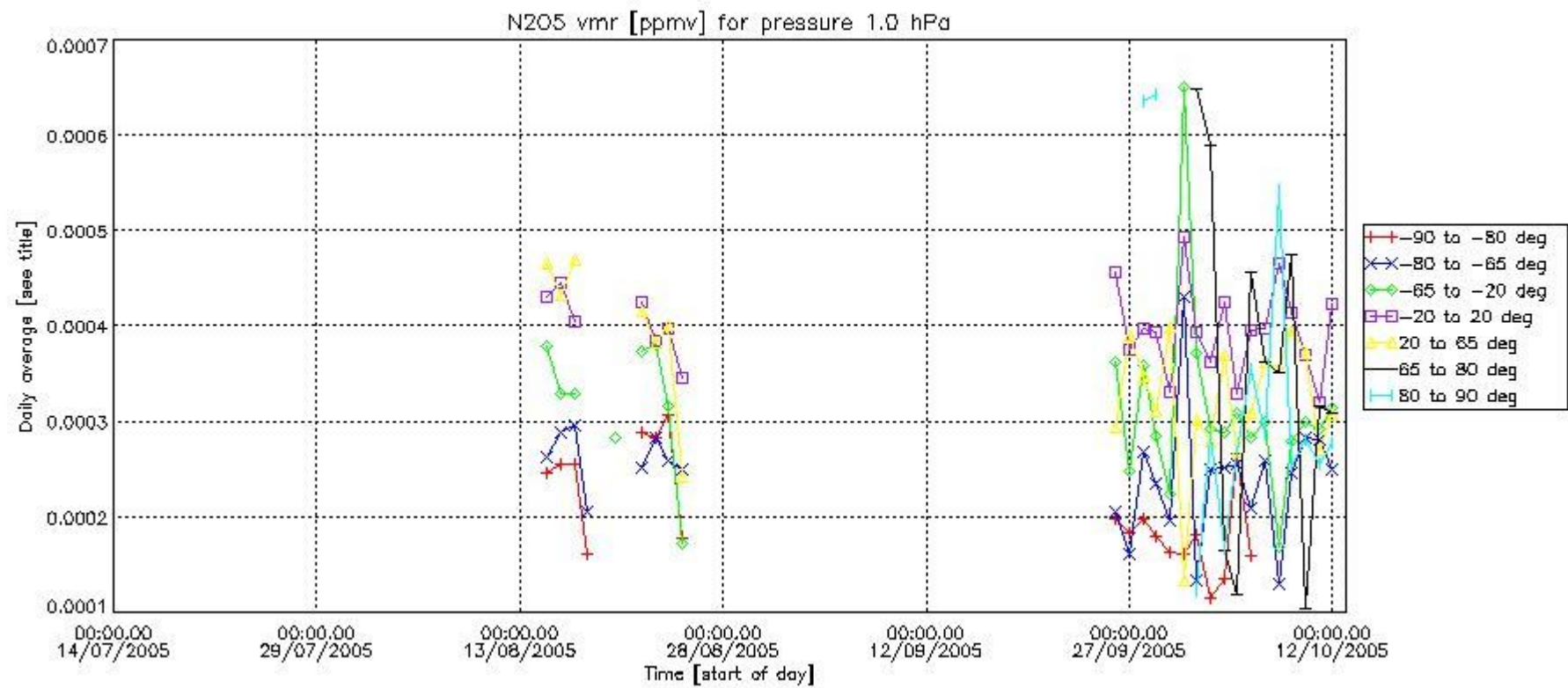


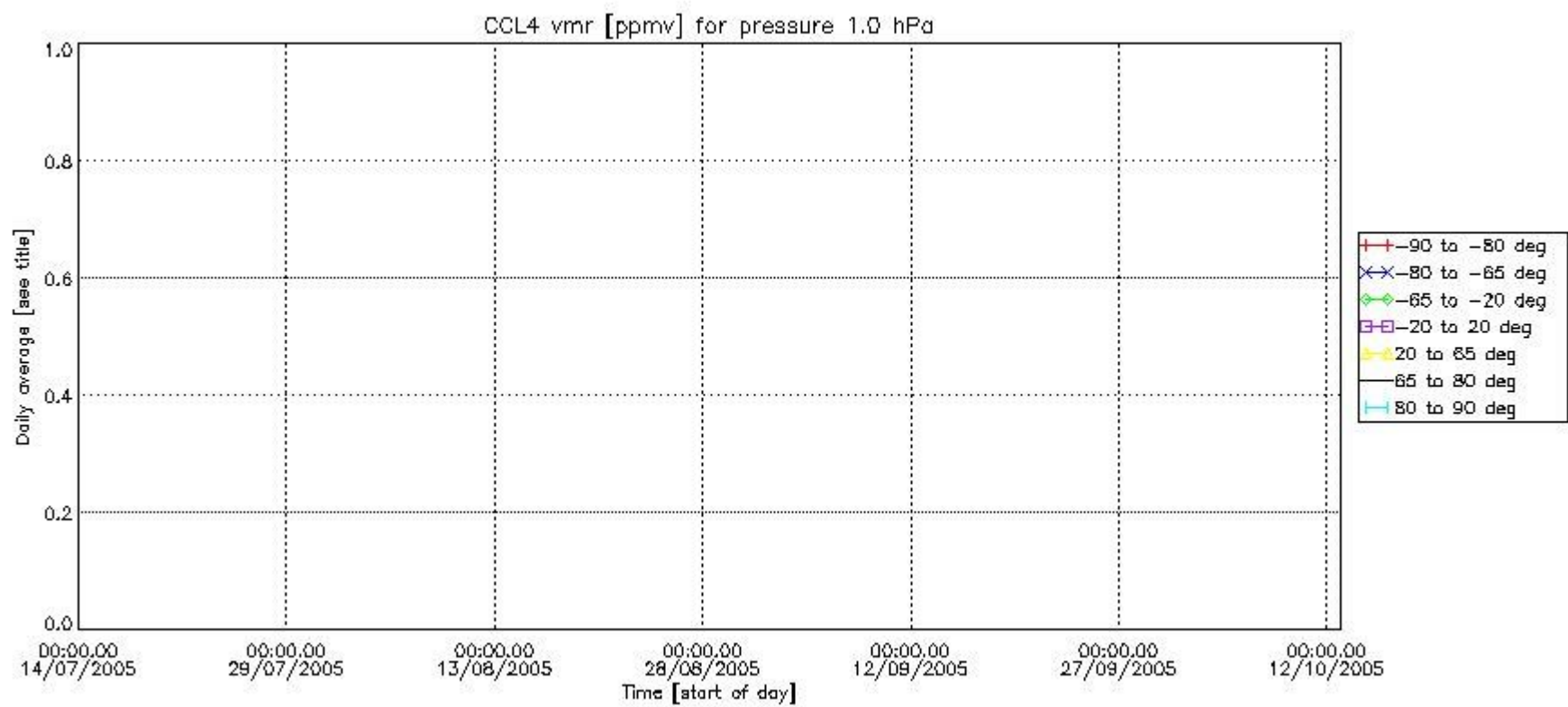
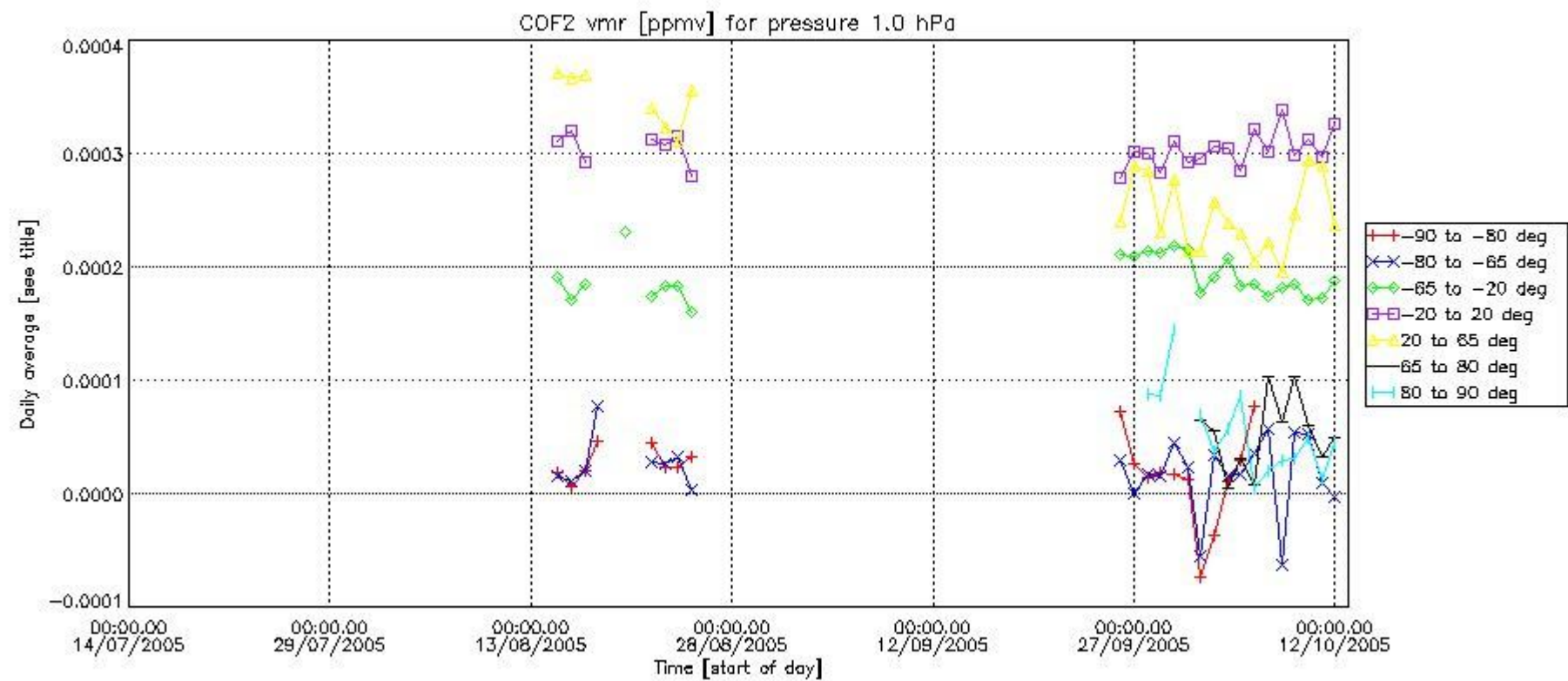


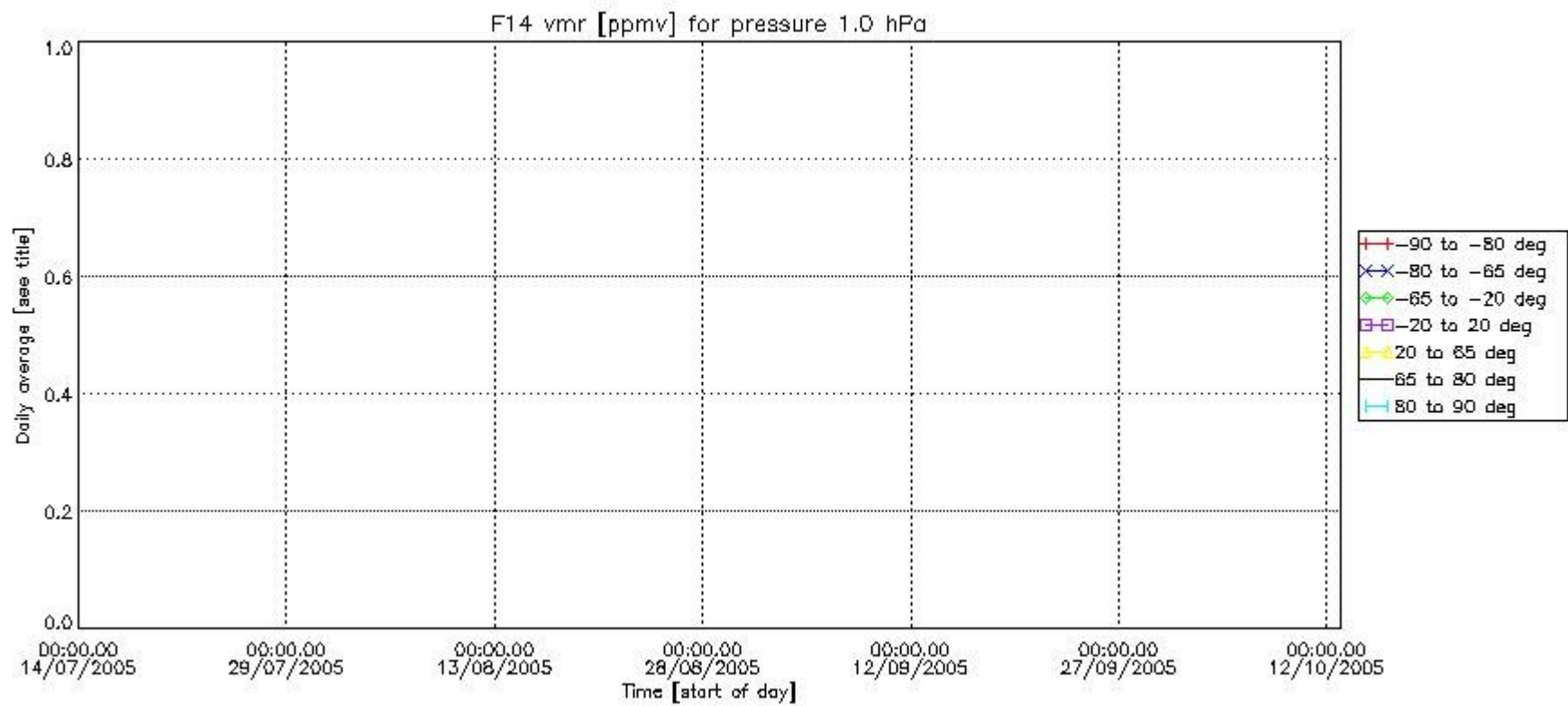
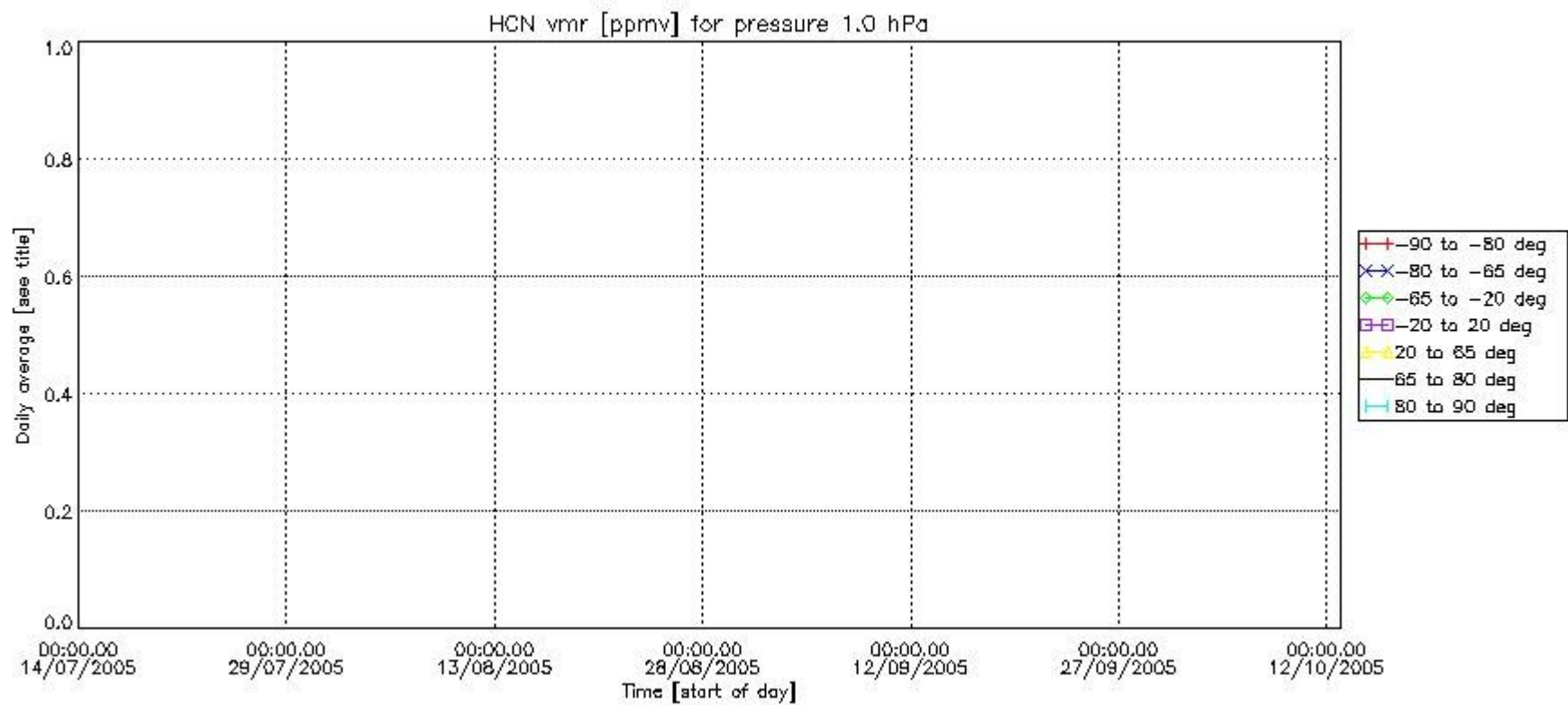


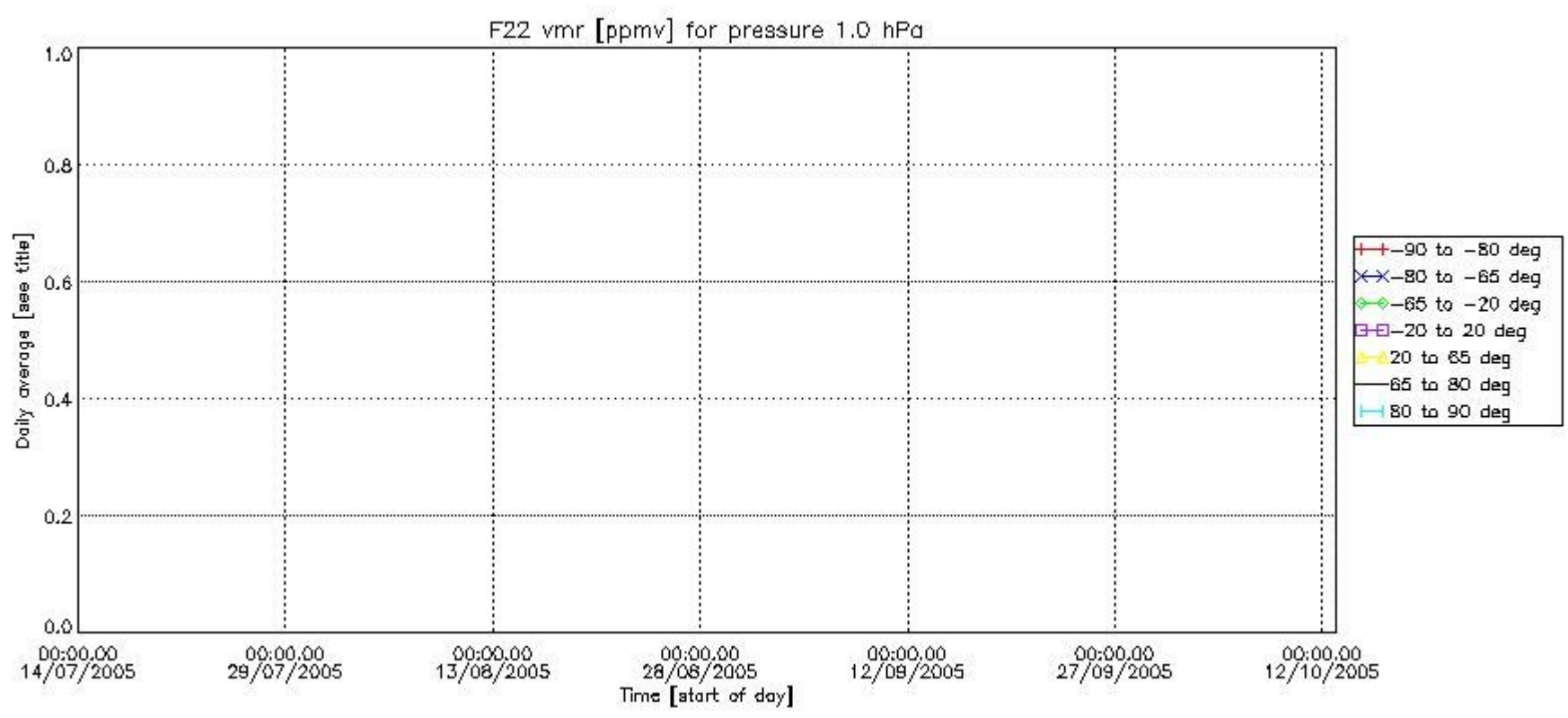












Number of successful retrievals vs. geolocation (*=day side , triangle=night side).

