

2. MIPAS Daily Report for level 2 products summary report

(See [mipas_daily_report_level2_ML2PP_7_03_W_20051108.html](#) for a detailed report).

2.1. General Info

- [2.1.1 Report summary](#)
- [2.1.2 Summary per product](#)

2.2 Processing performance indicators

- [2.2.1 Successful retrievals](#)
- [2.2.2 Pressure overview](#)
- [2.2.3 Temperature overview](#)
- [2.2.4 Species overview](#)
- [2.2.5 History of daily averages](#)

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 16:20:46
Data source version	ML2PP/7.03-W
Processing scope for products	08NOV2005 00:00:00 to 09NOV2005 00:00:00
Start time of first product within scope	07NOV2005 23:00:49
Stop time of last product within scope	08NOV2005 23:23:13
Total number of level 2 products	15
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.

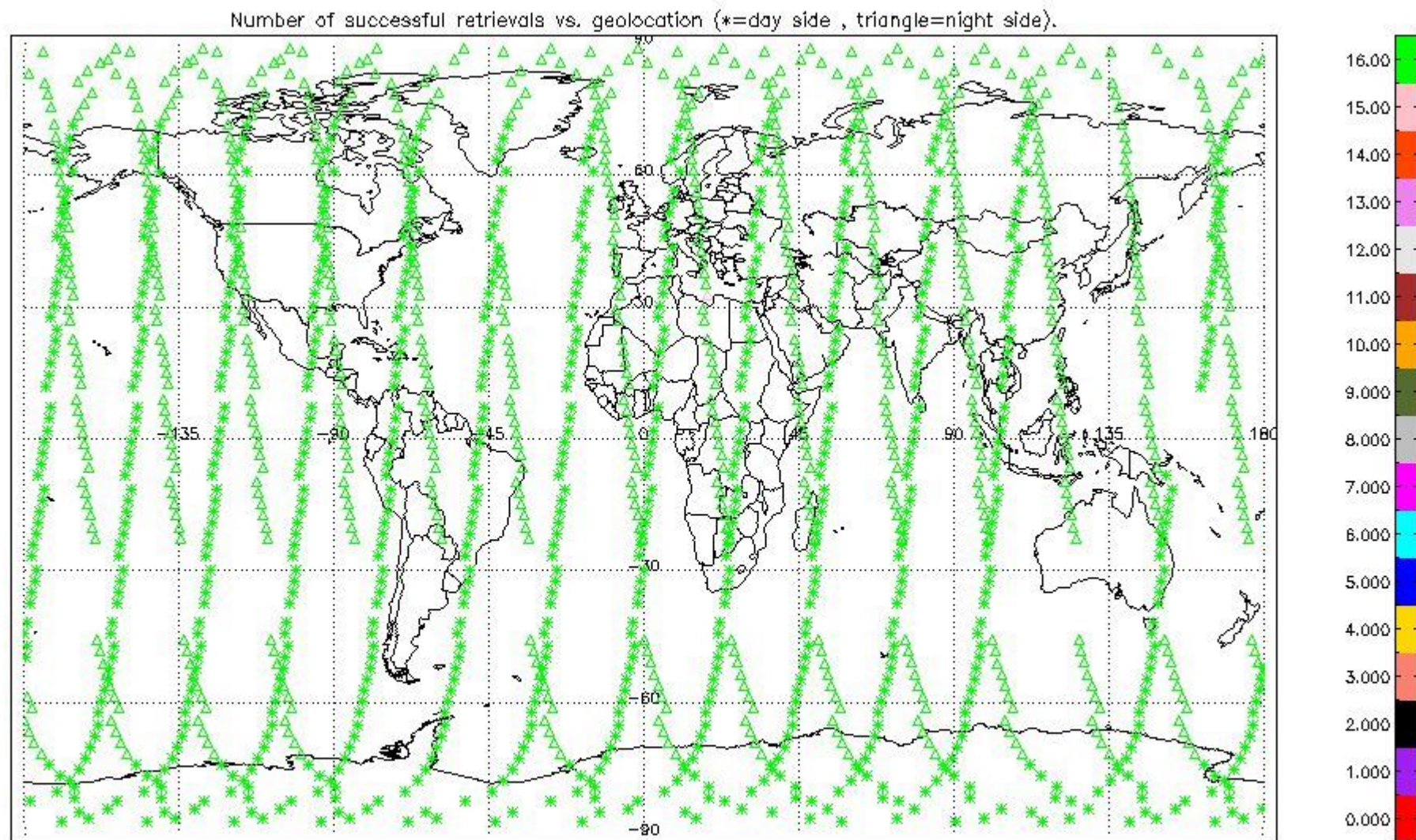
#	Product name	Start time	Stop time	Prod err	Number of scans (tot/proc)	Quality summary warnings
0	MIP_NL__2PWDSI20051107_230049_000056992042_00202_19294_1000.N1	07NOV2005 23:00:49	08NOV2005 00:35:47	0	126/126	VMR_TERM_MACRO_MICRO[F14/macro:3; HCN/micro:1]
1	MIP_NL__2PWDSI20051108_004125_000011202042_00203_19295_1000.N1	08NOV2005 00:41:25	08NOV2005 01:00:05	0	25/25	
2	MIP_NL__2PWDSI20051108_022200_000048362042_00204_19296_1000.N1	08NOV2005 02:22:00	08NOV2005 03:42:36	0	107/107	VMR_TERM_MACRO_MICRO[HCN/micro:1]
3	MIP_NL__2PWDSI20051108_040236_000056992042_00205_19297_1000.N1	08NOV2005 04:02:36	08NOV2005 05:37:35	0	126/126	
4	MIP_NL__2PWDSI20051108_054312_000056992042_00206_19298_1000.N1	08NOV2005 05:43:12	08NOV2005 07:18:11	0	126/126	VMR_TERM_MACRO_MICRO[HCN/micro:2]
5	MIP_NL__2PWDSI20051108_072348_000056992042_00207_19299_1000.N1	08NOV2005 07:23:48	08NOV2005 08:58:47	0	126/126	VMR_TERM_MACRO_MICRO[F14/macro:2; HCN/micro:1]
6	MIP_NL__2PWDSI20051108_090424_000056992042_00208_19300_1000.N1	08NOV2005 09:04:24	08NOV2005 10:39:23	0	126/126	VMR_TERM_MACRO_MICRO[HCN/macro:1; F14/macro:3; HCN/micro:1]
7	MIP_NL__2PWDSI20051108_104500_000056992042_00209_19301_1000.N1	08NOV2005 10:45:00	08NOV2005 12:19:59	0	126/126	VMR_TERM_MACRO_MICRO[HCN/macro:1; F14/macro:1]
8	MIP_NL__2PWDSI20051108_122536_000056992042_00210_19302_1000.N1	08NOV2005 12:25:36	08NOV2005 14:00:35	0	126/126	VMR_TERM_MACRO_MICRO[F14/macro:1]
9	MIP_NL__2PWDSI20051108_140612_000056992042_00211_19303_1000.N1	08NOV2005 14:06:12	08NOV2005 15:41:11	0	126/126	VMR_TERM_MACRO_MICRO[HCN/macro:2; F14/macro:1; HCN/micro:1]
10	MIP_NL__2PWDSI20051108_154648_000056992042_00212_19304_1000.N1	08NOV2005 15:46:48	08NOV2005 17:21:47	0	126/126	VMR_TERM_MACRO_MICRO[HCN/macro:2; O3/micro:1]
11	MIP_NL__2PWDSI20051108_172724_000056992042_00213_19305_1000.N1	08NOV2005 17:27:24	08NOV2005 19:02:23	0	126/126	VMR_TERM_MACRO_MICRO[HCN/micro:2]
12	MIP_NL__2PWDSI20051108_190800_000056992042_00214_19306_1000.N1	08NOV2005 19:08:00	08NOV2005 20:42:59	0	126/126	VMR_TERM_MACRO_MICRO[F14/macro:1; HCN/micro:1; F14/micro:1]
13	MIP_NL__2PWDSI20051108_204836_000056992042_00215_19307_1000.N1	08NOV2005 20:48:36	08NOV2005 22:23:35	0	126/126	VMR_TERM_MACRO_MICRO[HCN/micro:1]
14	MIP_NL__2PWDSI20051108_222912_000032412042_00216_19308_1000.N1	08NOV2005 22:29:12	08NOV2005 23:23:13	0	72/72	VMR_TERM_MACRO_MICRO[HCN/macro:2]

2.2 Processing performance indicators

2.2.1 Successful retrievals

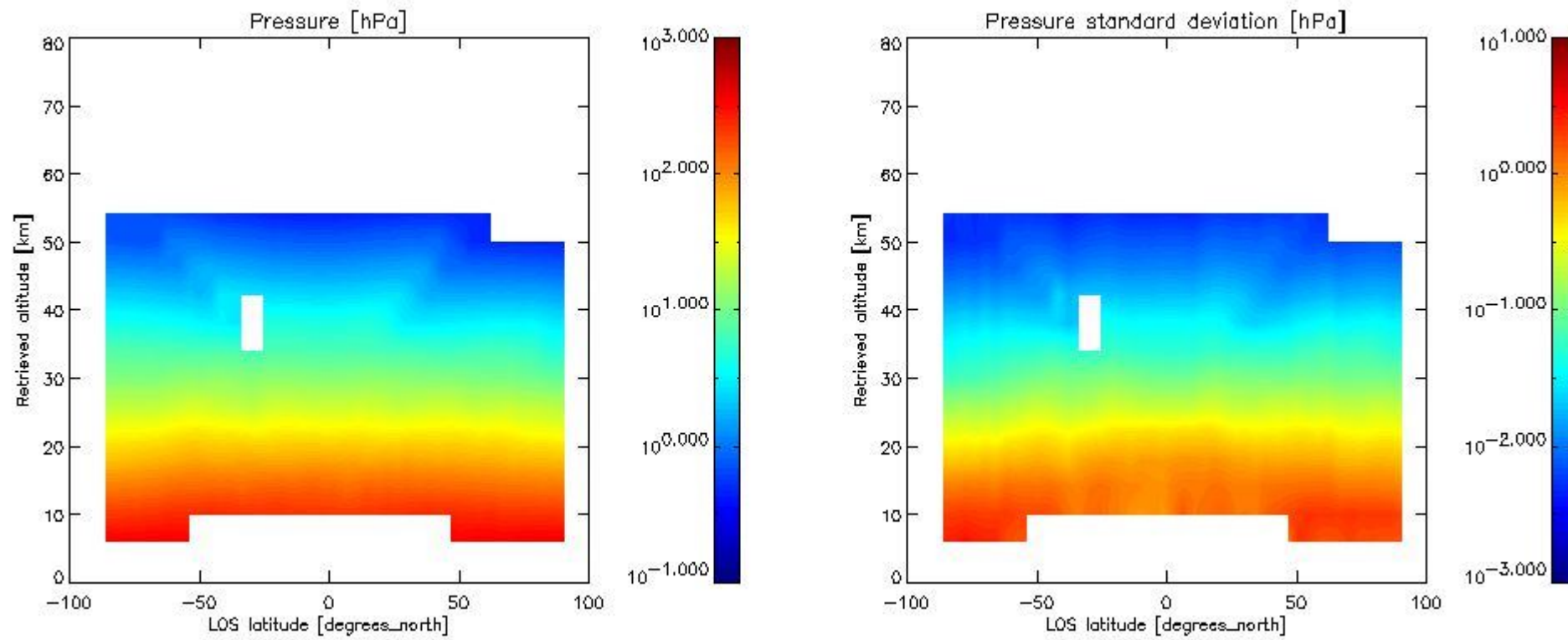
This section includes a table with statistics on the number of retrievals, as well as a worldmap plot that shows successful retrievals.

RETRIEVAL MDS	# scans processed	# Successful retrievals	%
PT	1716	1638	95.455
H2O	1716	1638	95.455
O3	1716	1638	95.455
HNO3	1716	1638	95.455
CH4	1716	1638	95.455
N2O	1716	1638	95.455
NO2	1716	1638	95.455
F11	1716	1638	95.455
CLNO	1716	1638	95.455
N2O5	1716	1638	95.455
F12	1716	1637	95.396
COF2	1716	1638	95.455
CCL4	1716	1638	95.455
HCN	1716	1638	95.455
F14	1716	1638	95.455
F22	1716	1638	95.455



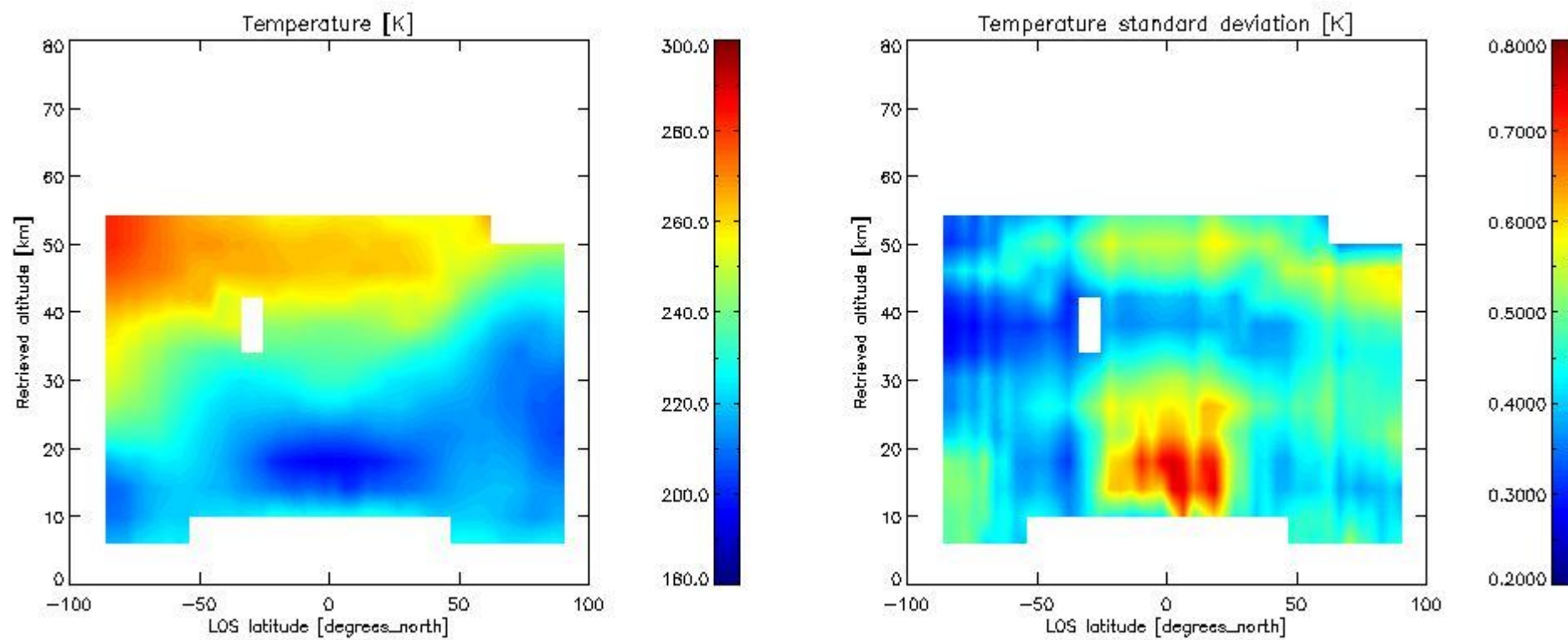
2.2.2 Pressure overview

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



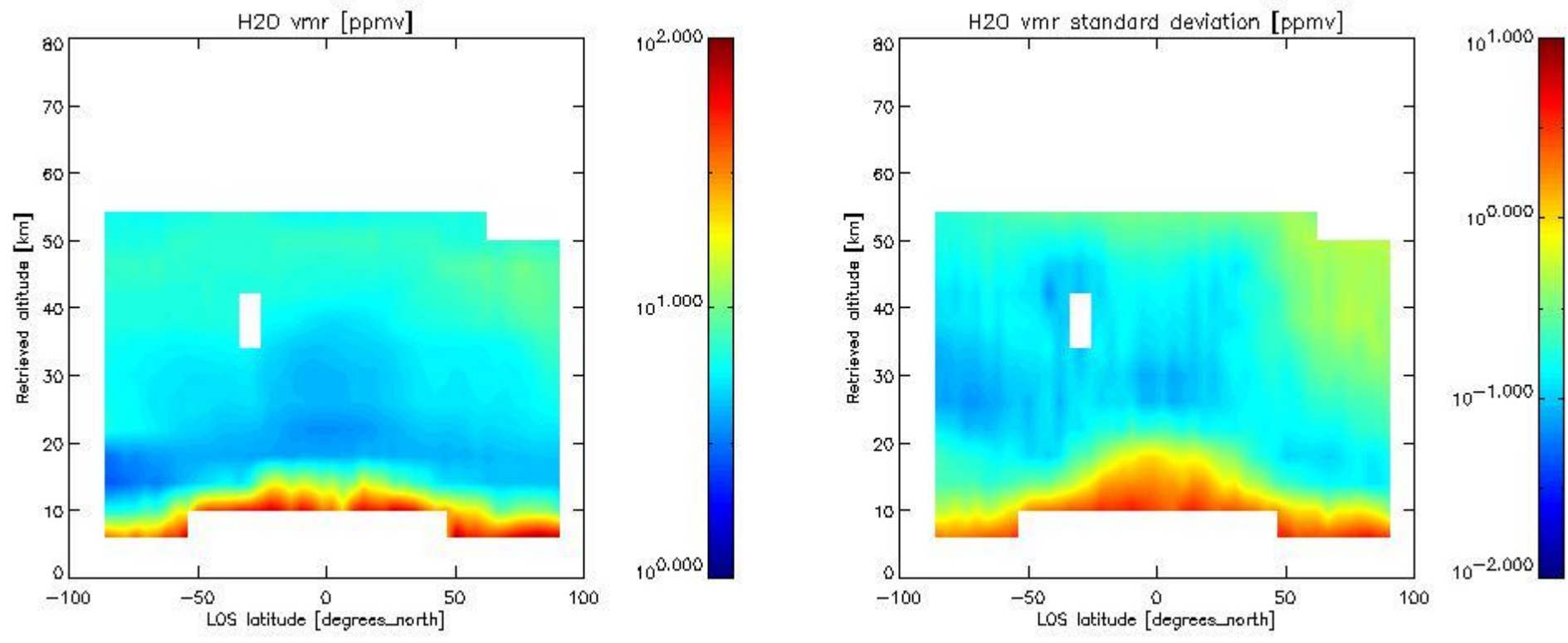
2.2.3 Temperature overview

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

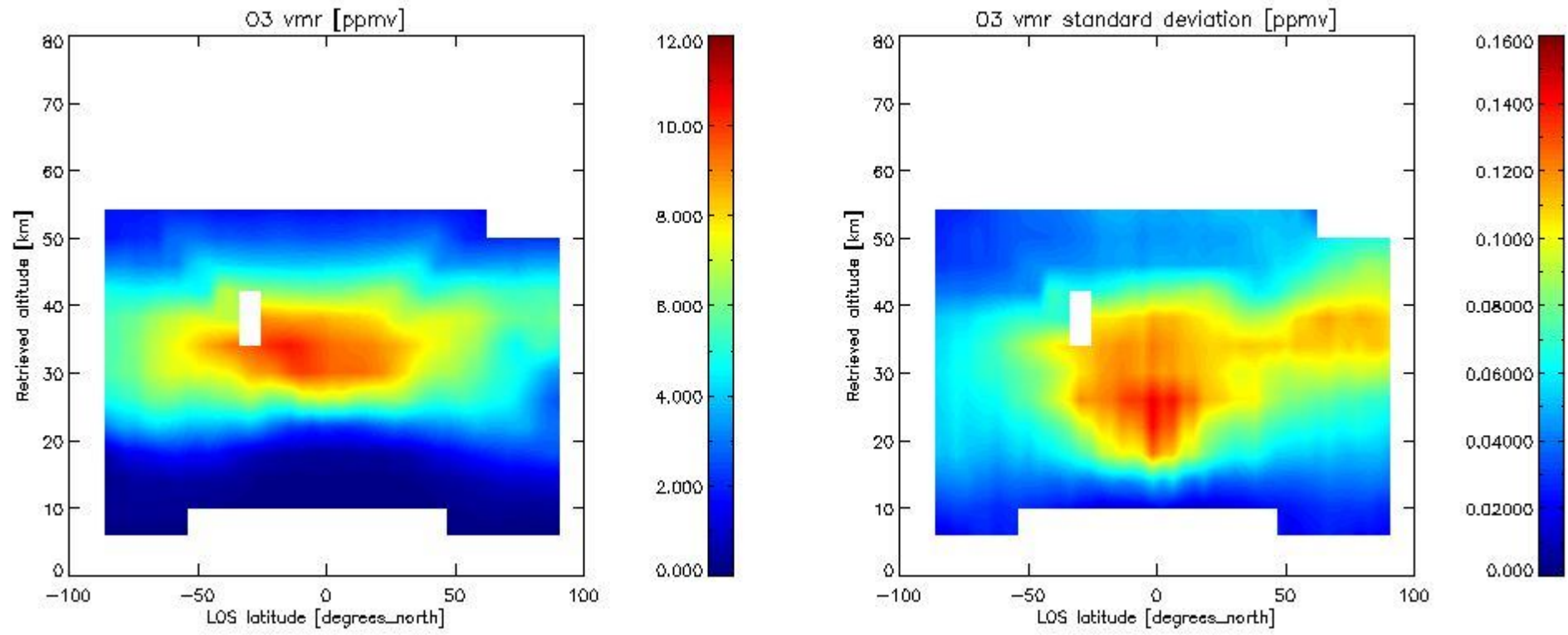


2.2.4 Species overview

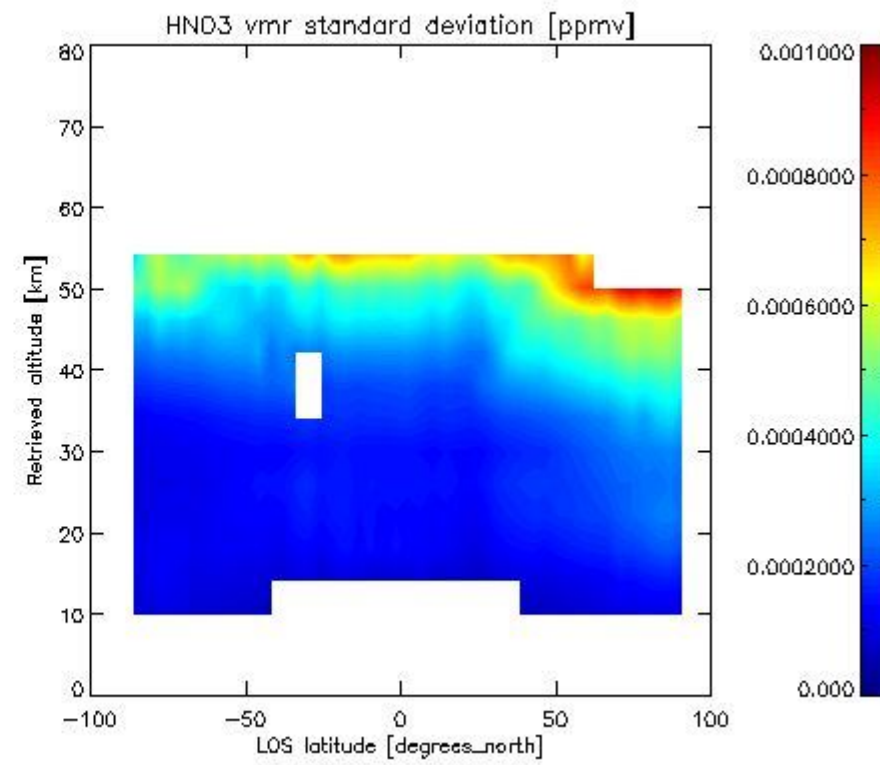
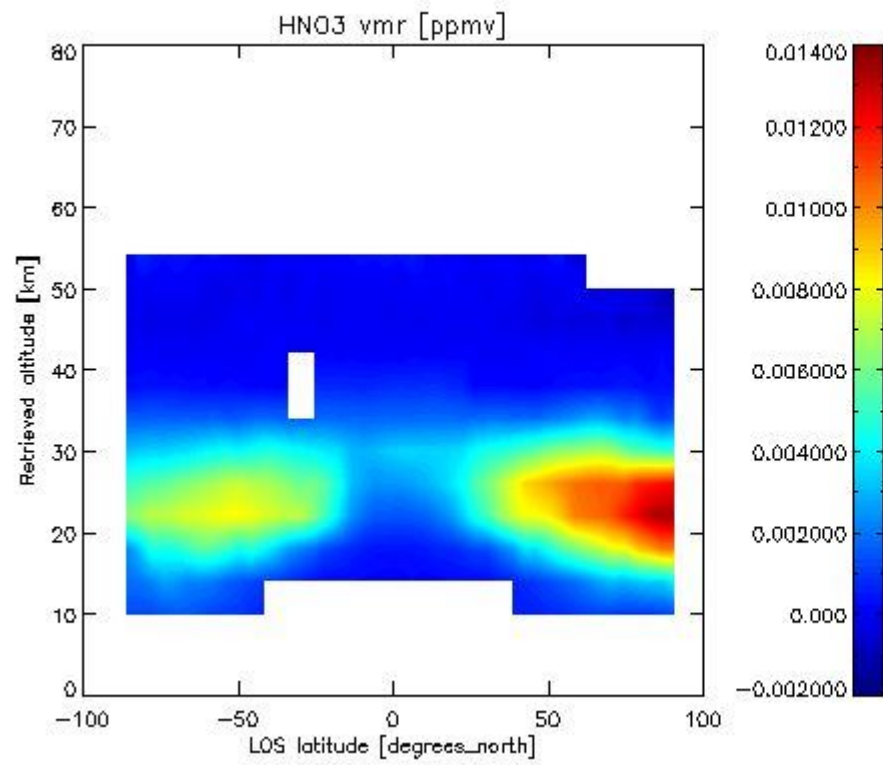
2.2.4.1 H2O overview This section shows values (left) and error (right) for H2O after binning individual sweep values over retrieved altitude and tangent latitude.



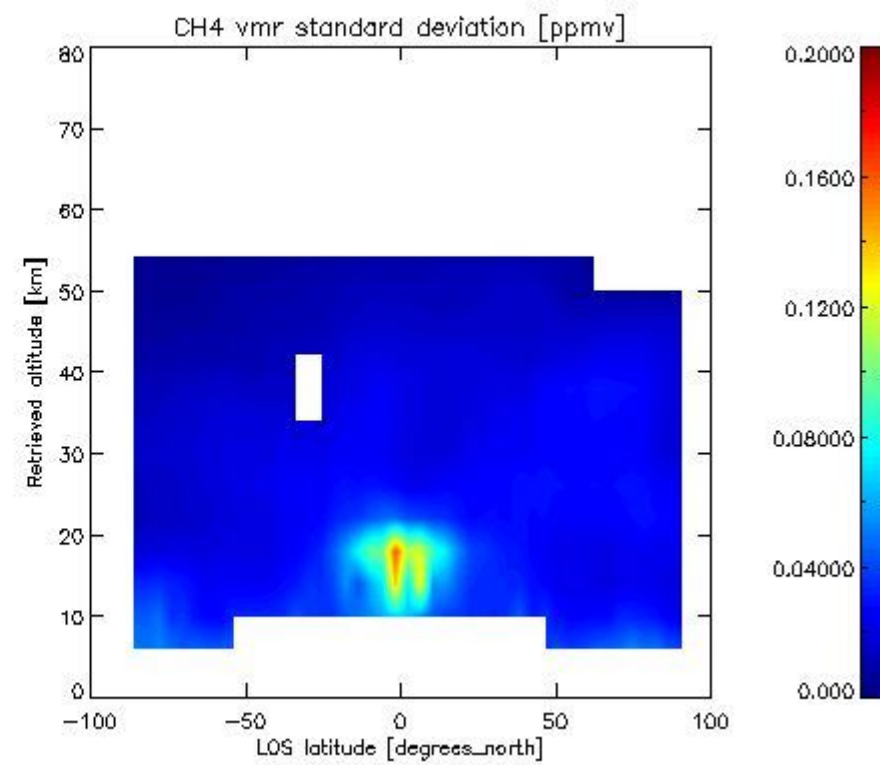
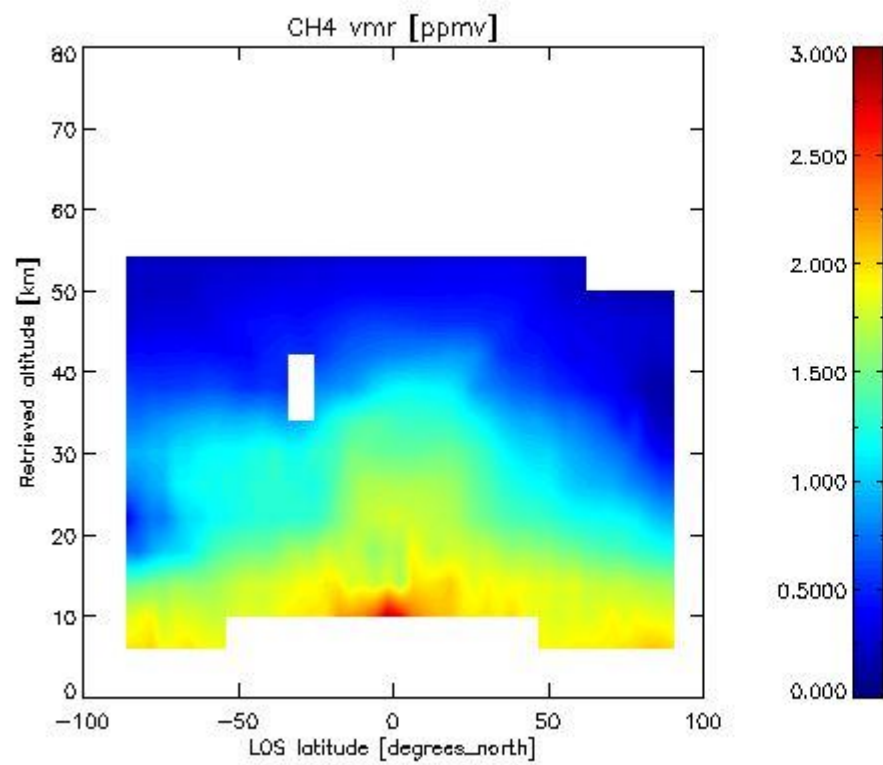
2.2.4.2 O3 overview This section shows values (left) and error (right) for O3 after binning individual sweep values over retrieved altitude and tangent latitude.



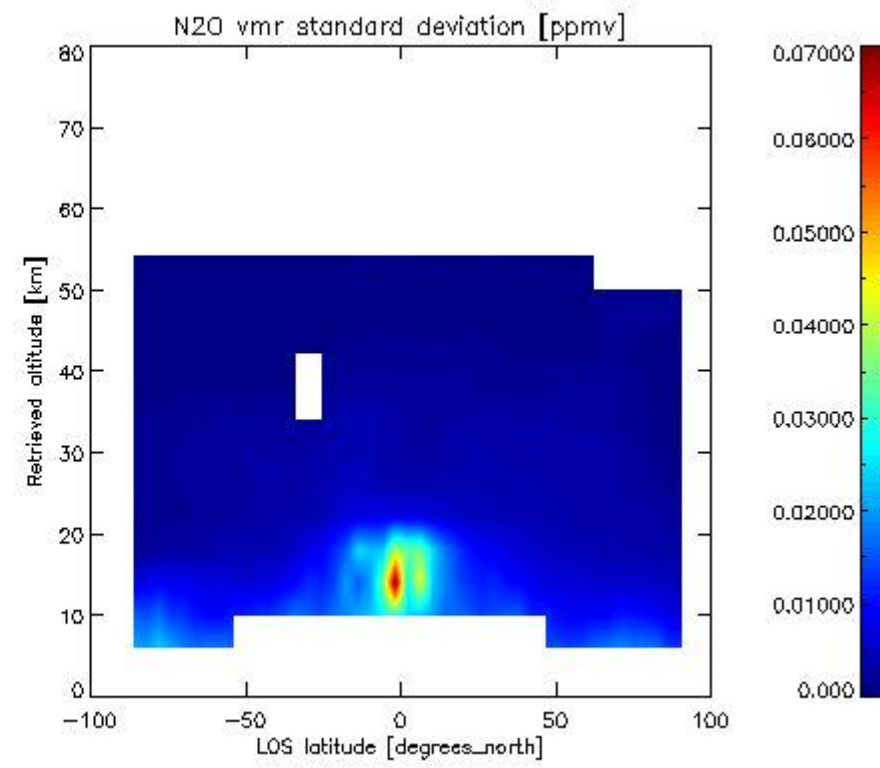
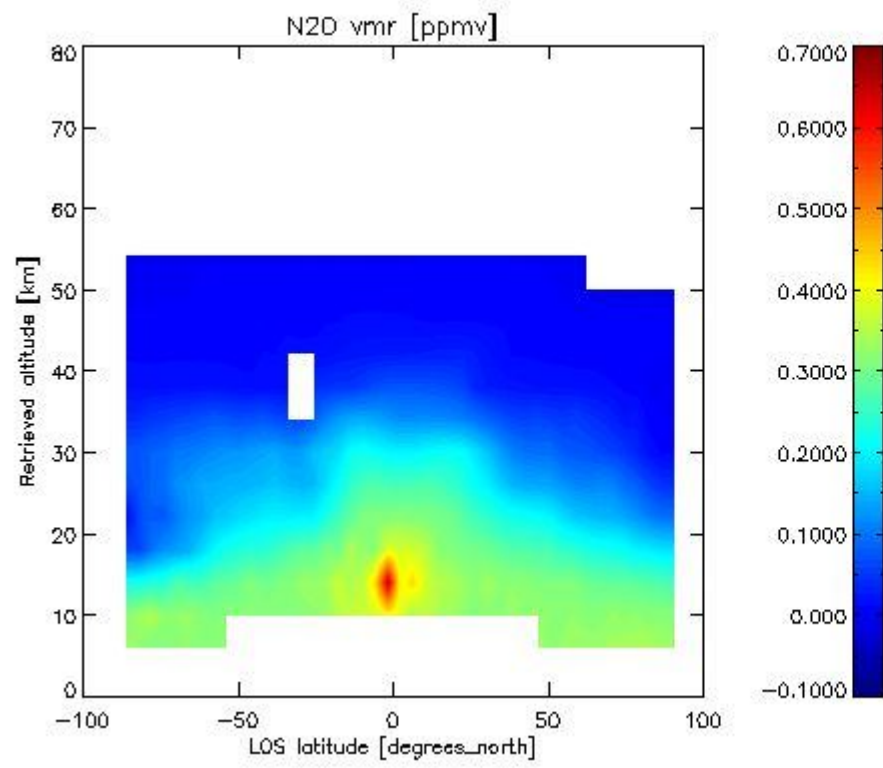
2.2.4.3 HNO3 overview This section shows values (left) and error (right) for HNO3 after binning individual sweep values over retrieved altitude and tangent latitude.



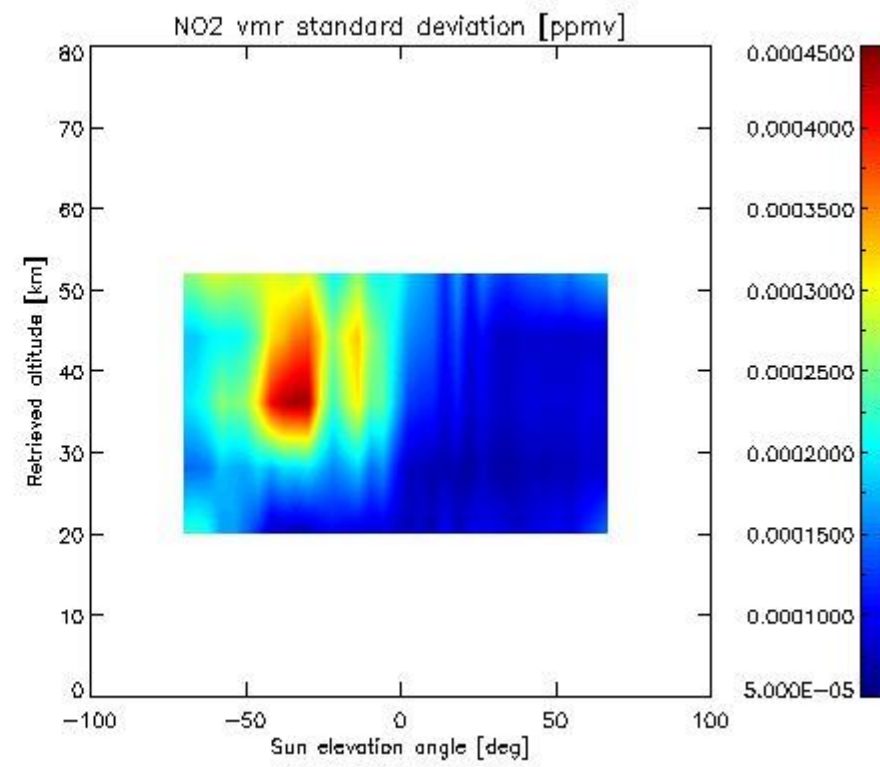
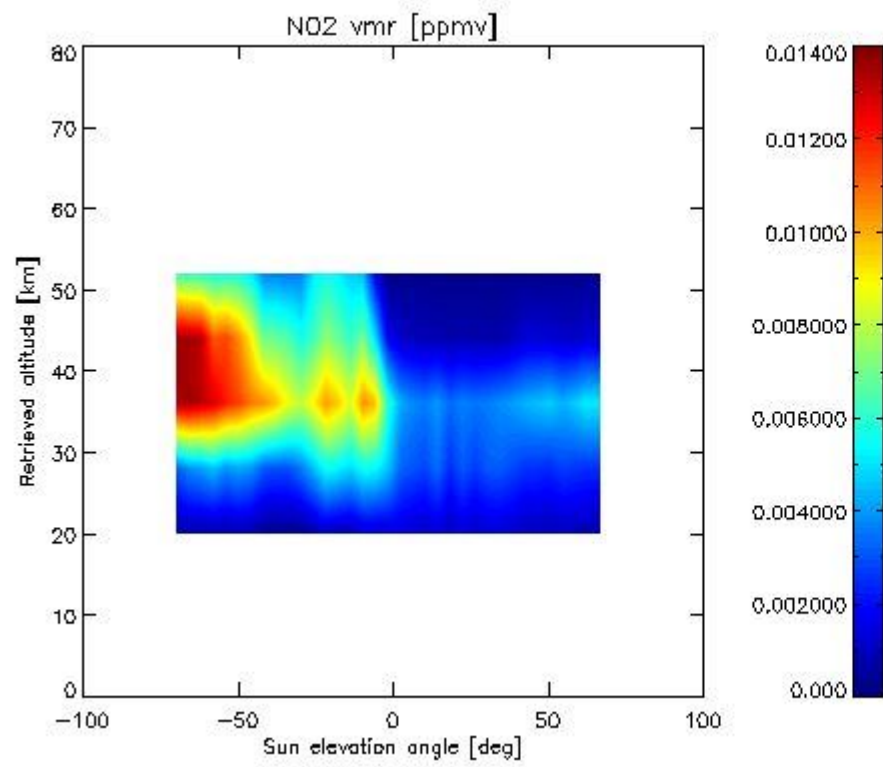
2.2.4.4 CH₄ overview This section shows values (left) and error (right) for CH₄ after binning individual sweep values over retrieved altitude and tangent latitude.



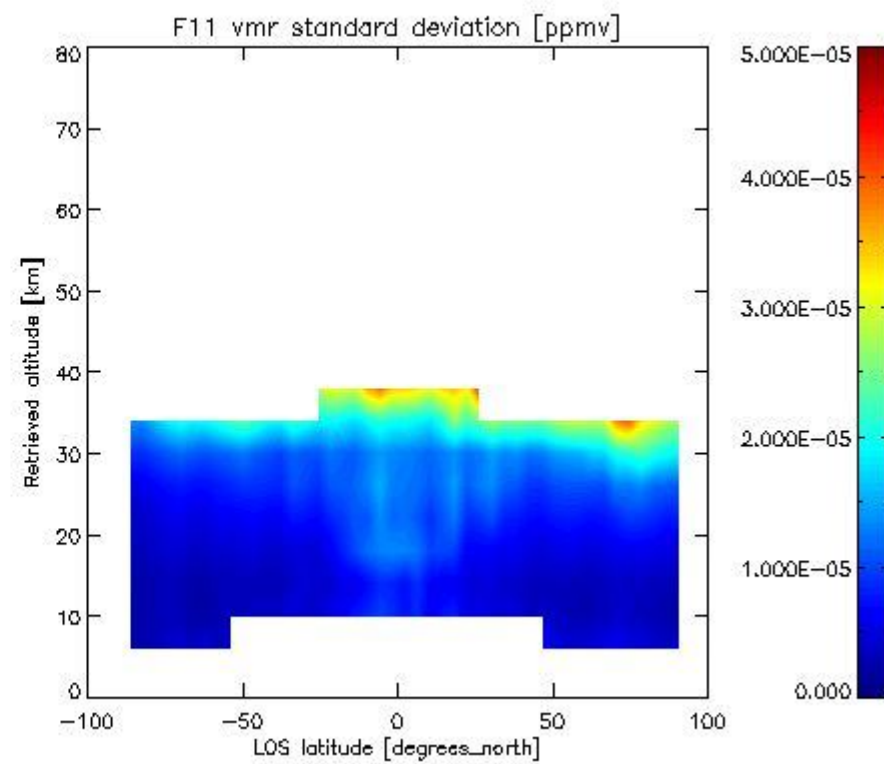
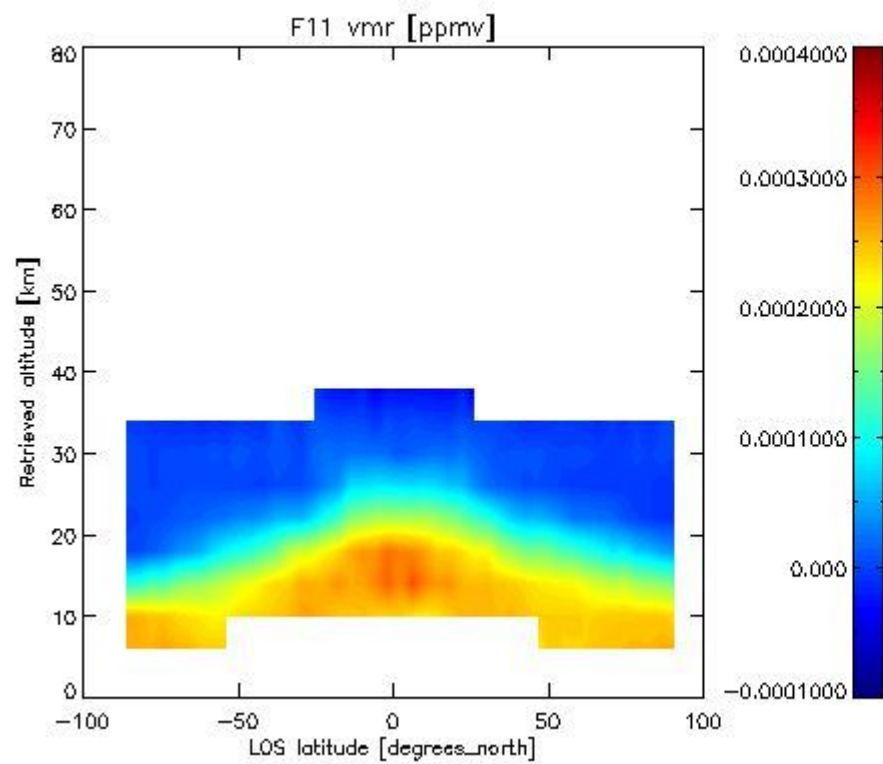
2.2.4.5 N₂O overview This section shows values (left) and error (right) for N₂O after binning individual sweep values over retrieved altitude and tangent latitude.



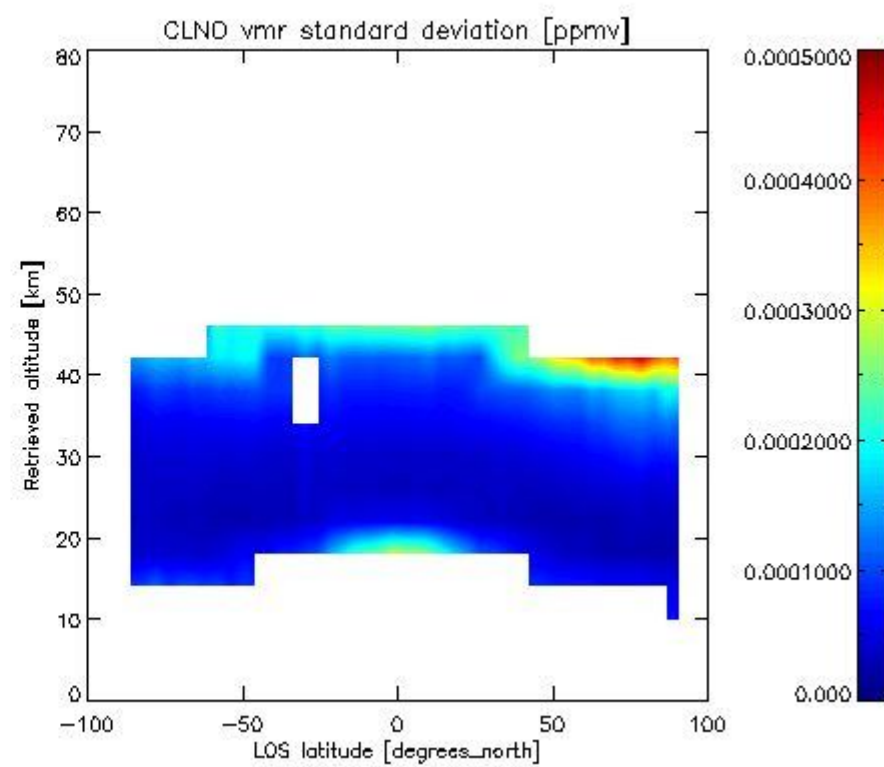
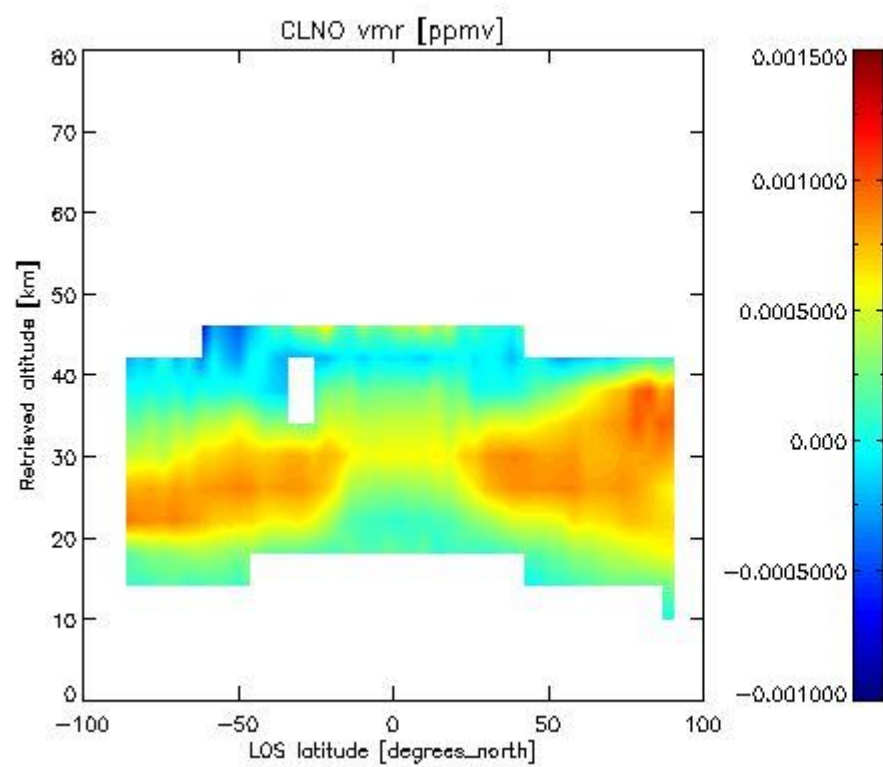
2.2.4.6 NO2 overview This section shows values (left) and error (right) for NO2 after binning individual sweep values over retrieved altitude and Sun Elevation Angle. Note that for NO2 the bin heights are 8 km.

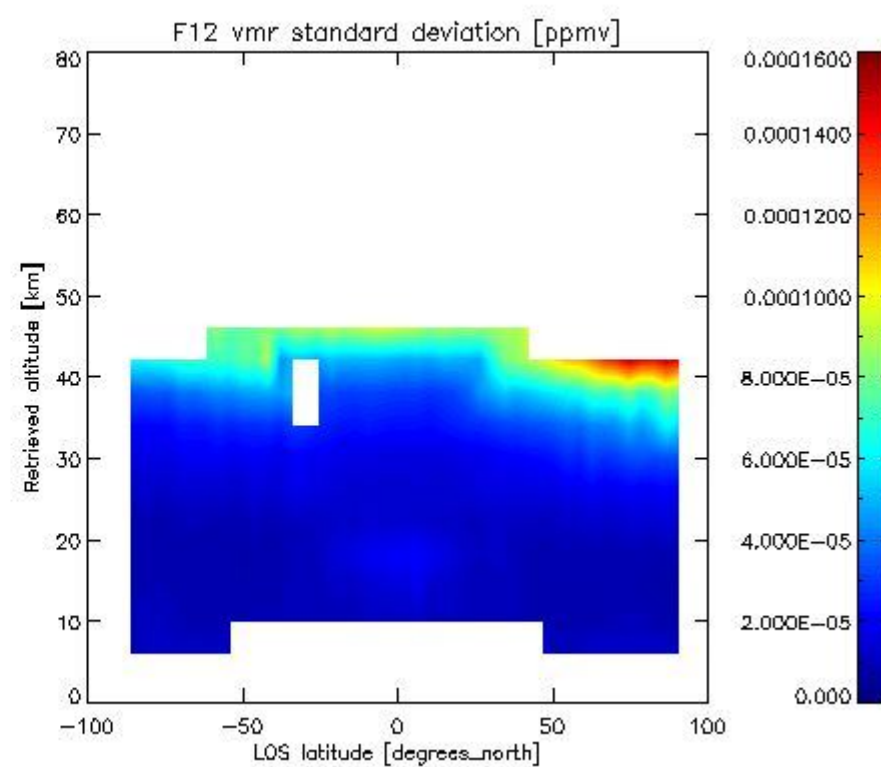
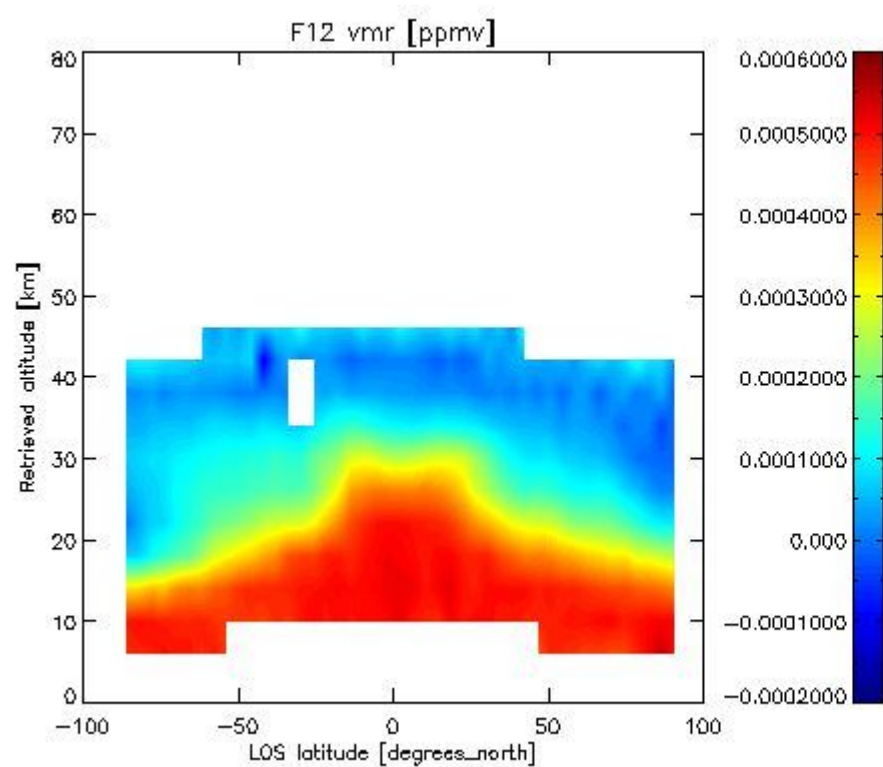
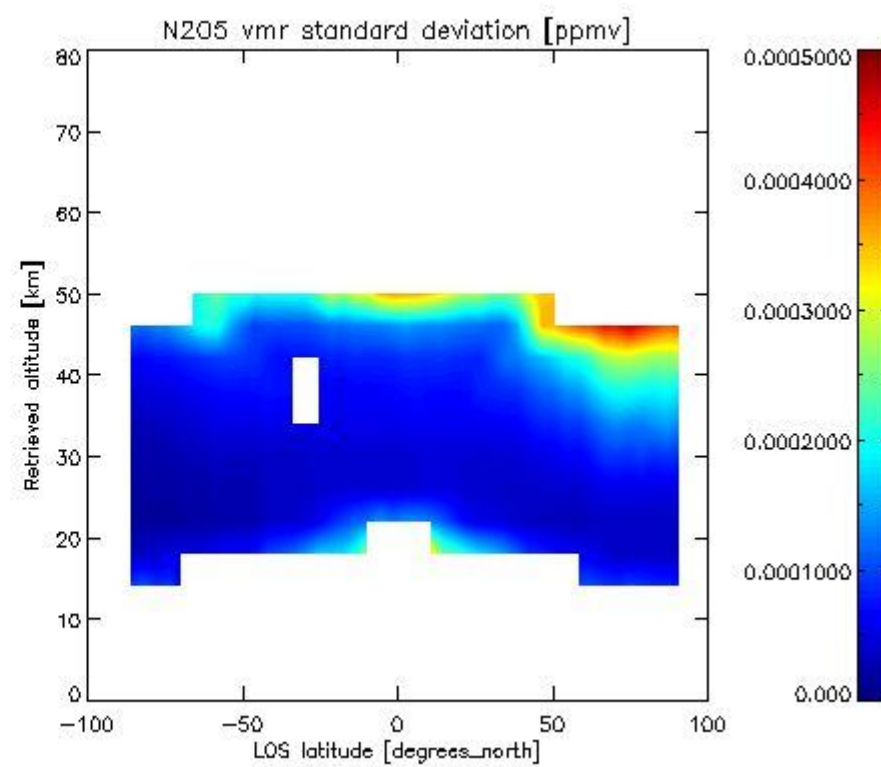
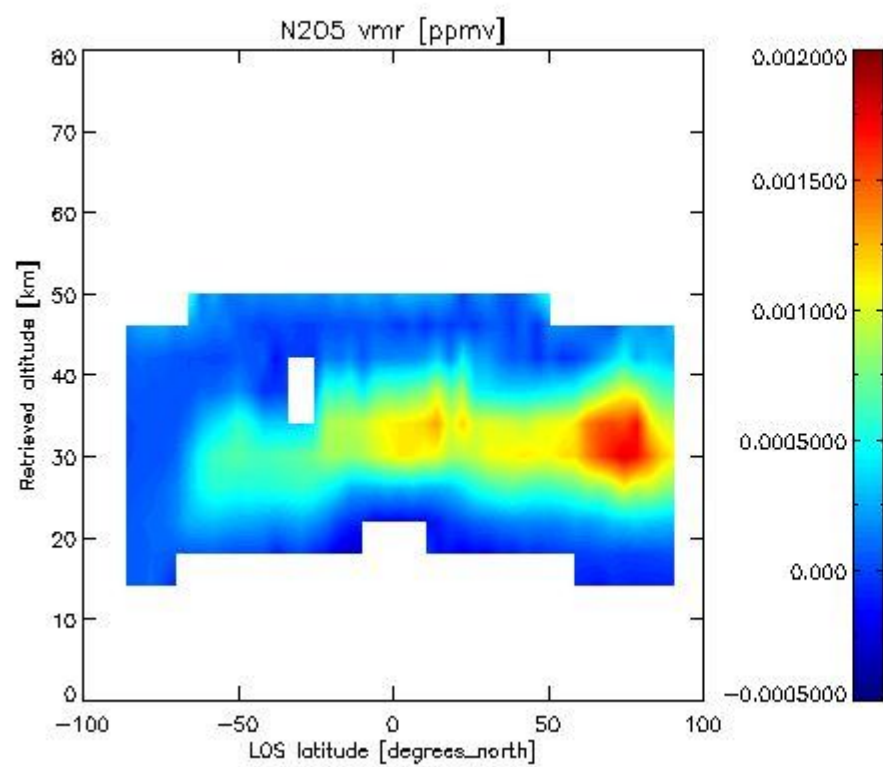


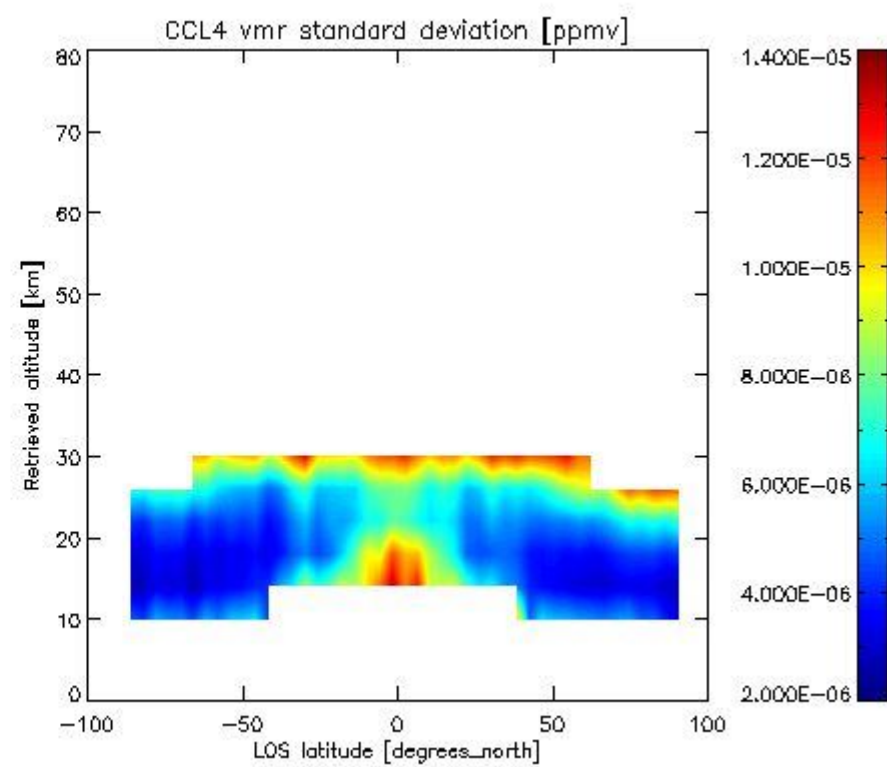
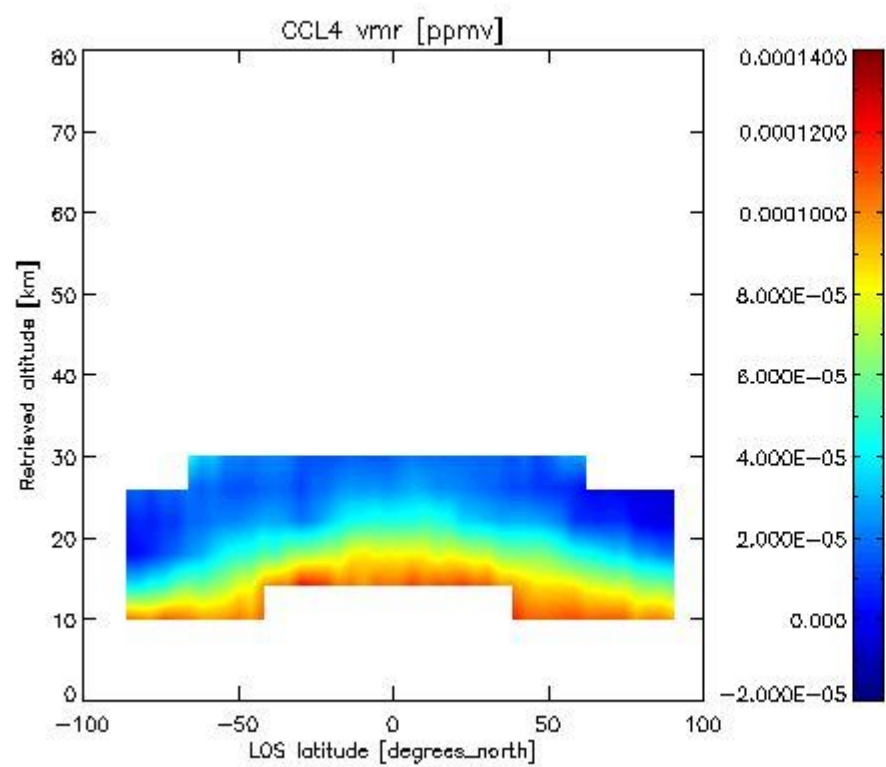
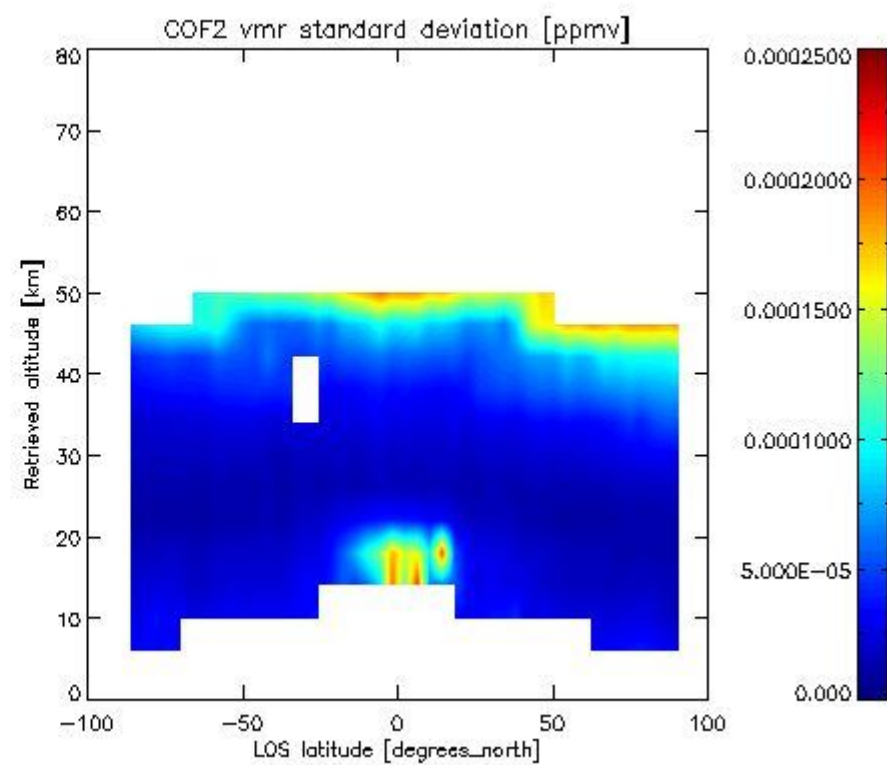
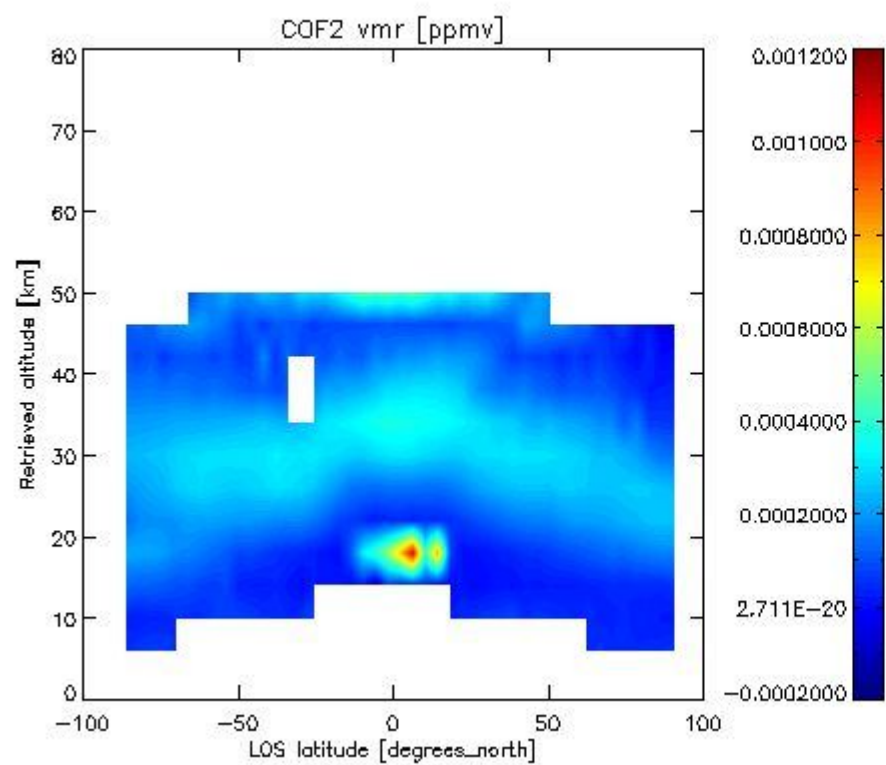
2.2.4.7 F11 overview This section shows values (left) and error (right) for F11 after binning individual sweep values over retrieved altitude and tangent latitude.

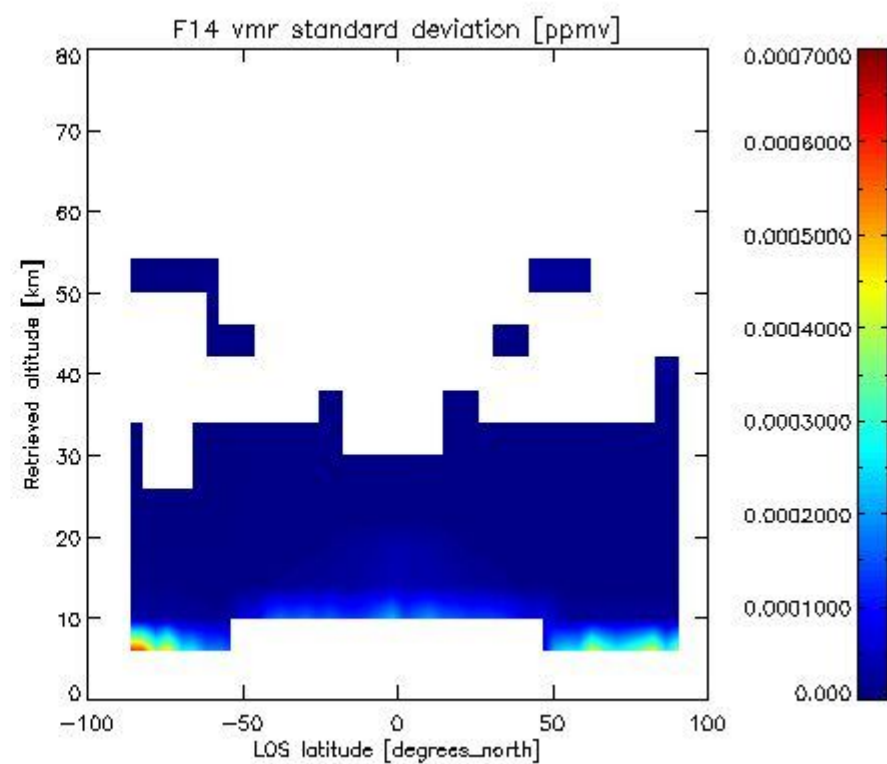
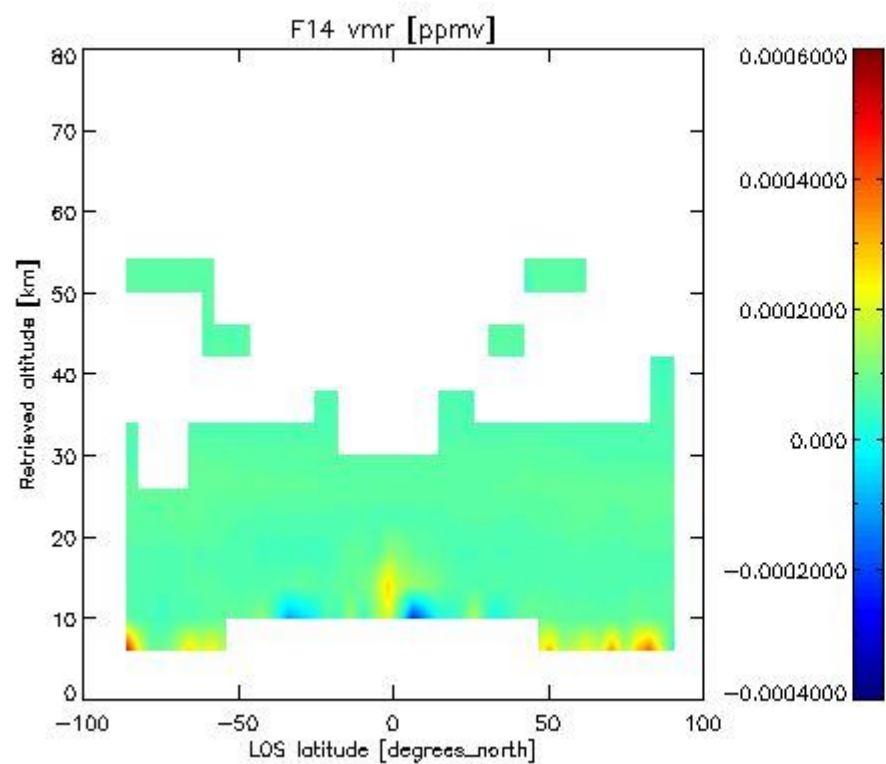
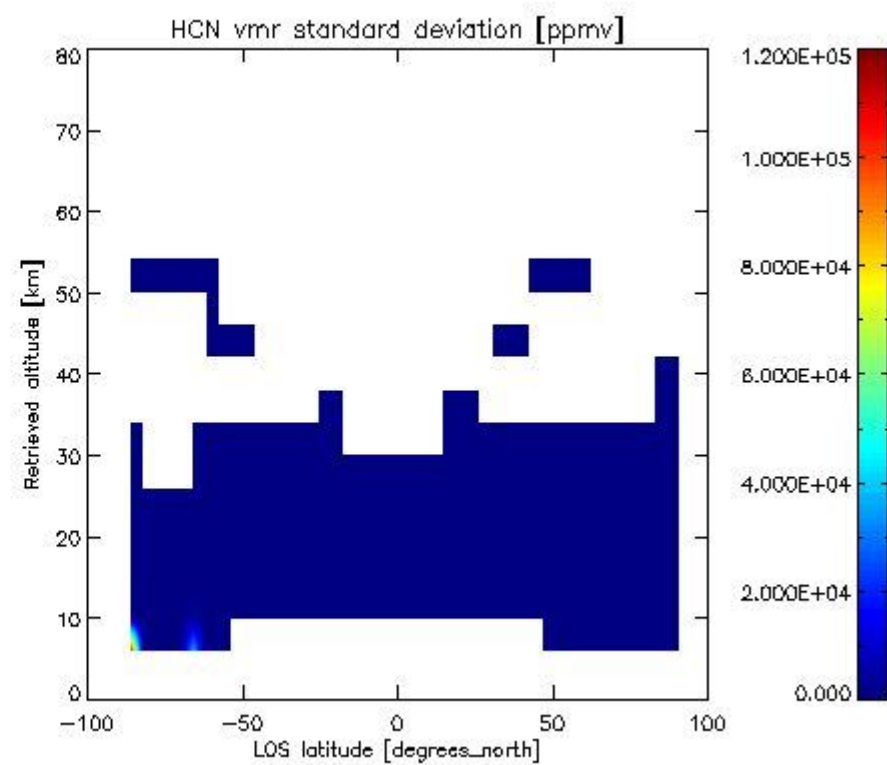
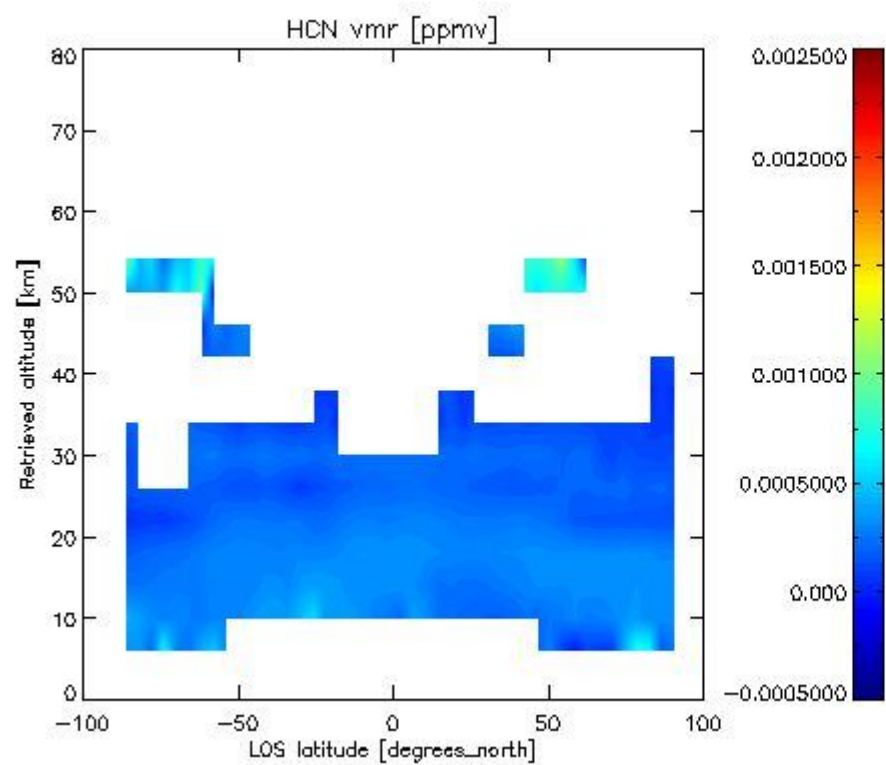


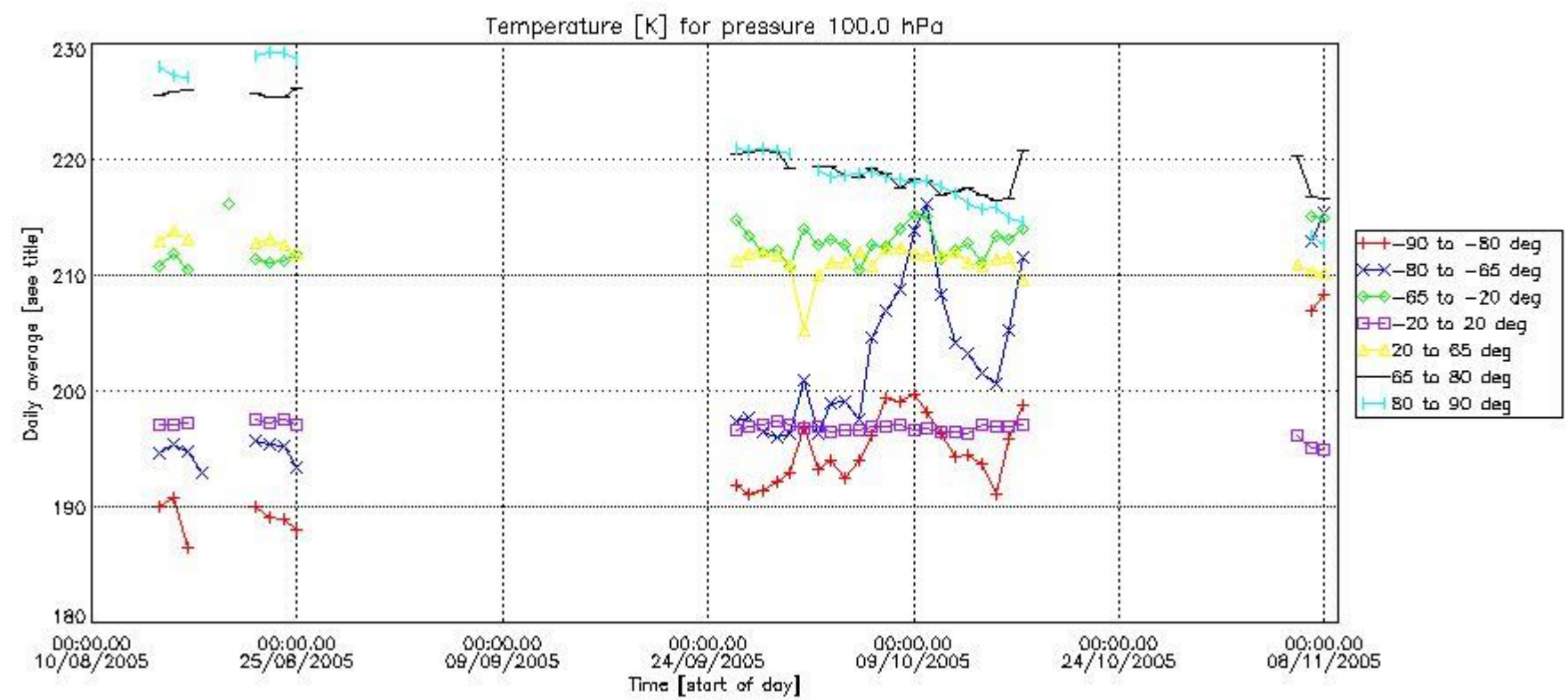
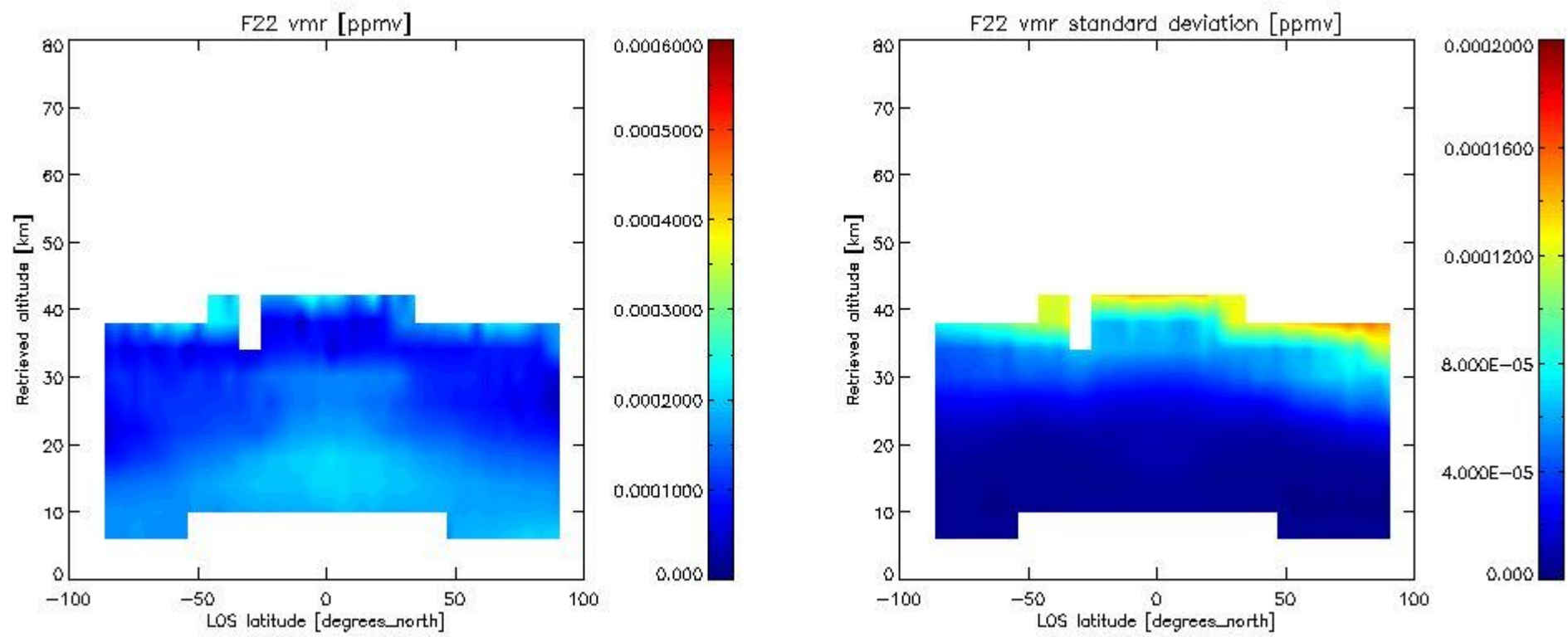
2.3.4 CLNO overview This section shows values (left) and error (right) for CLNO after binning individual sweep values over retrieved altitude and target latitude.

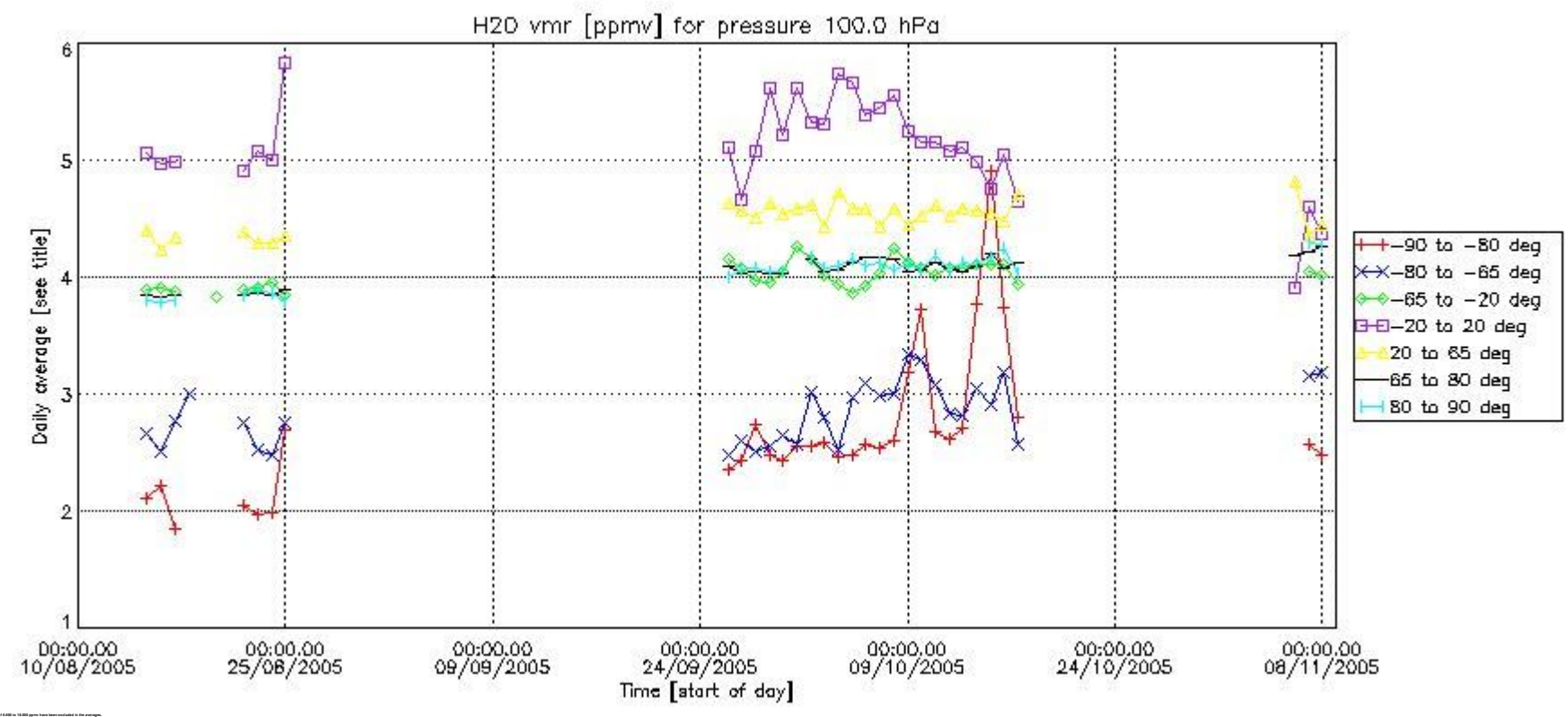
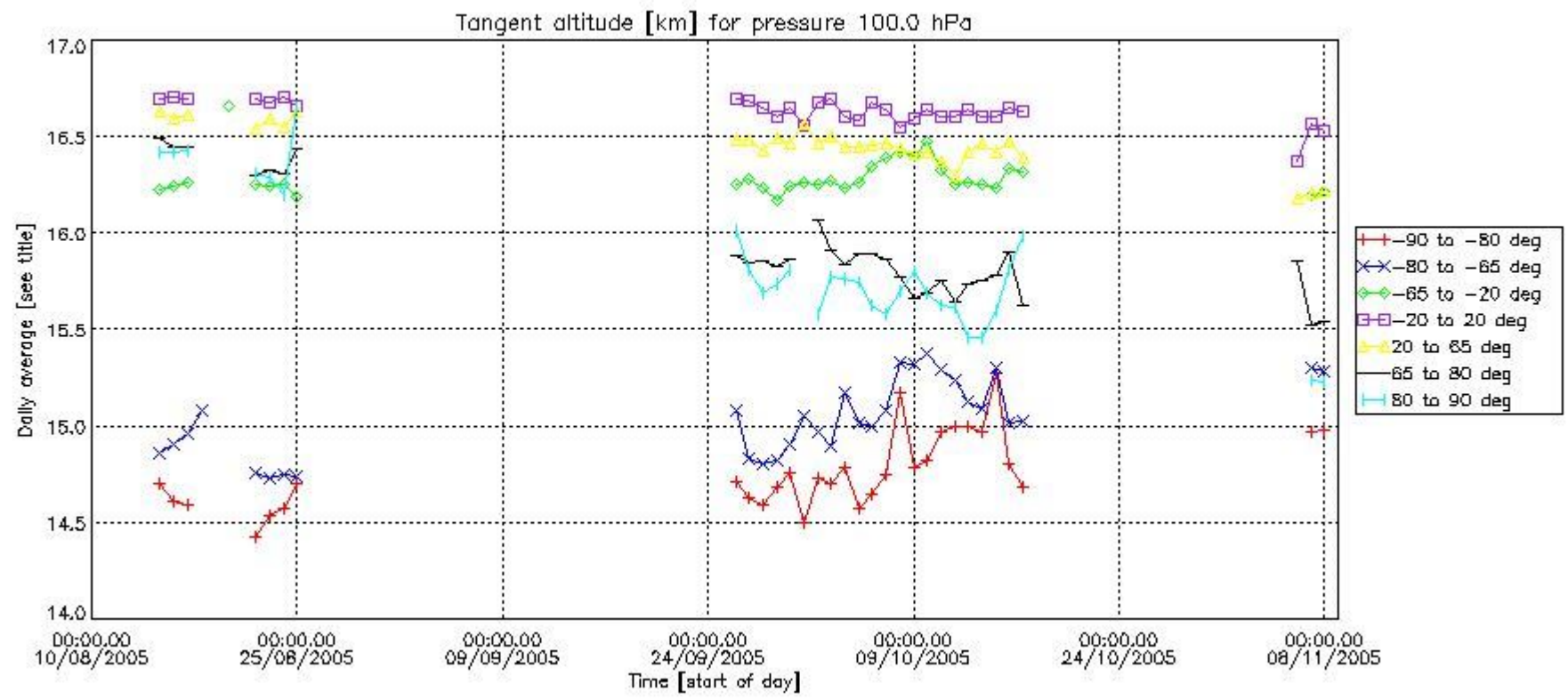


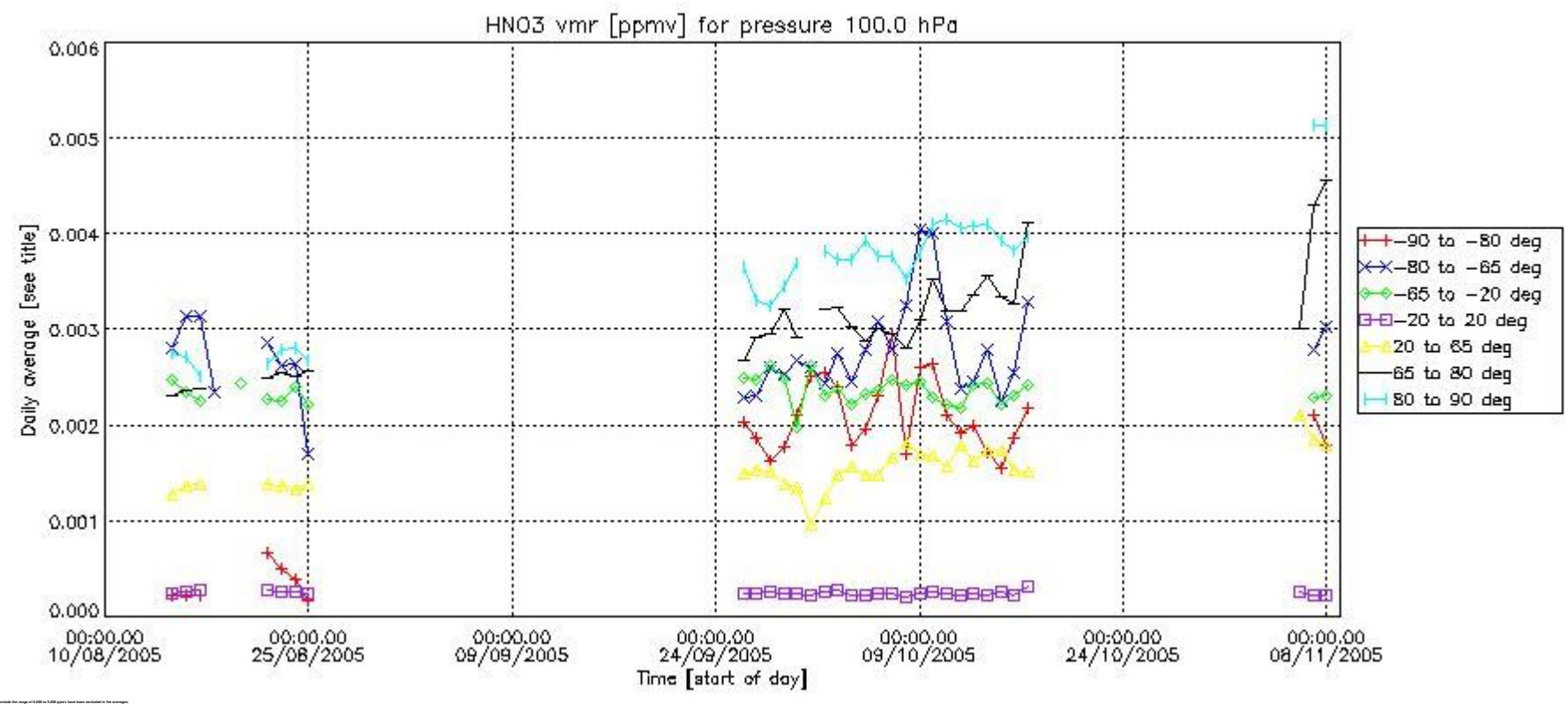
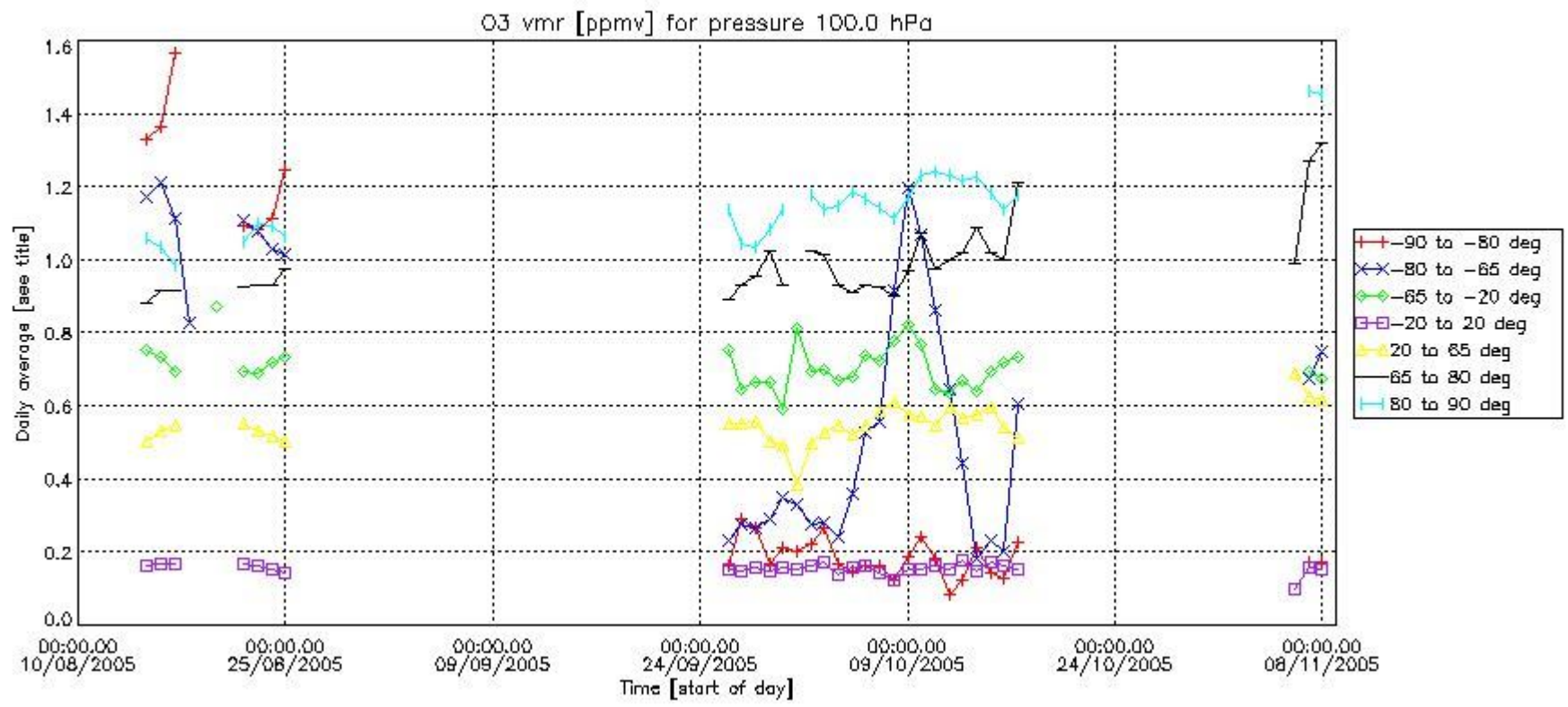


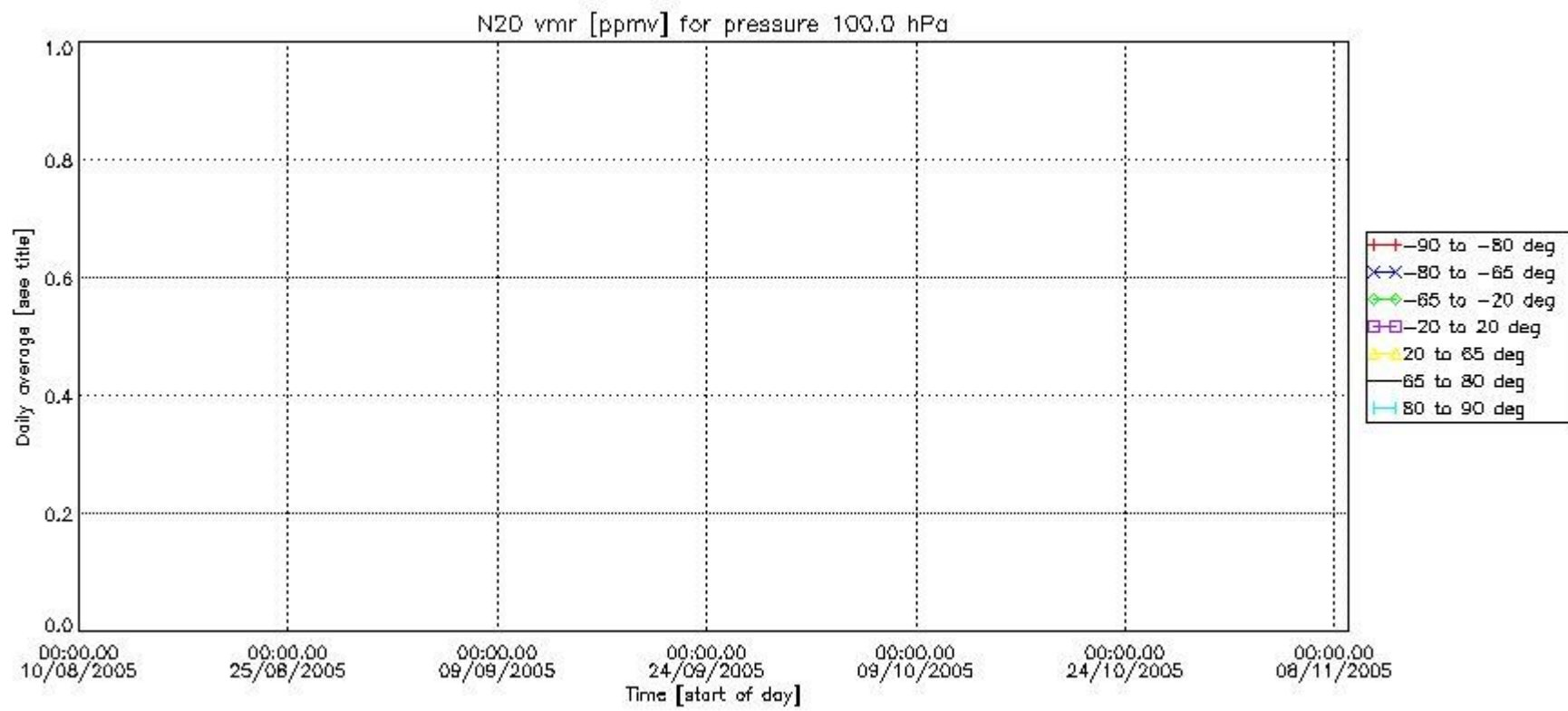
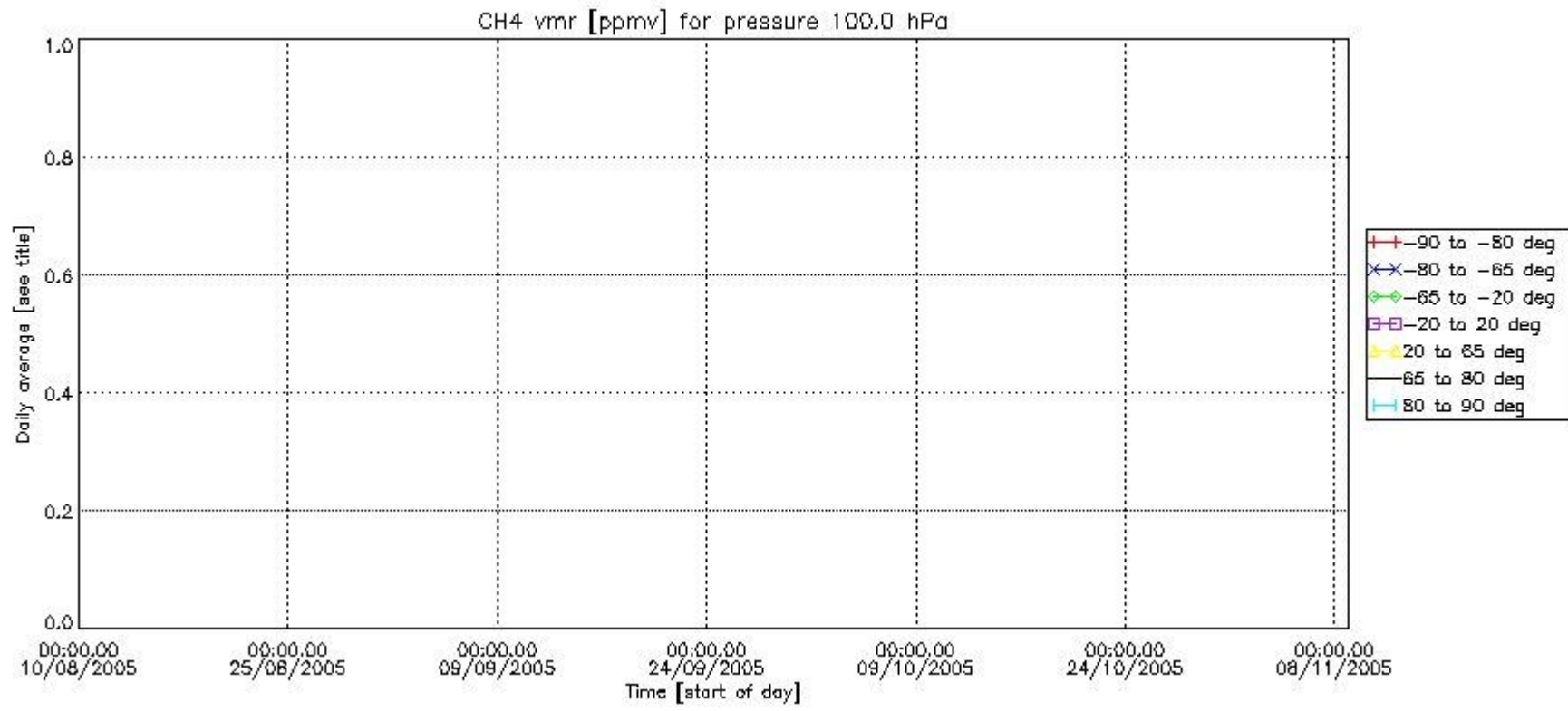


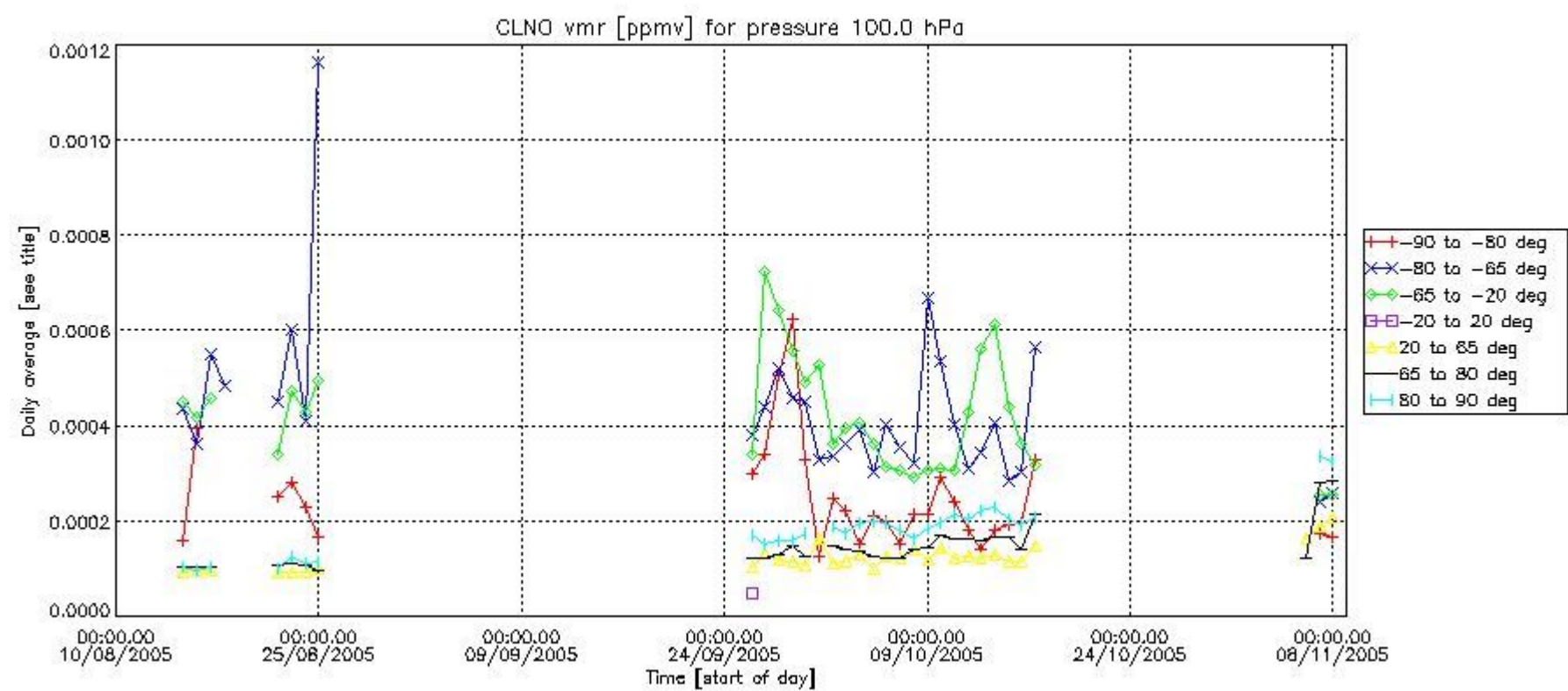
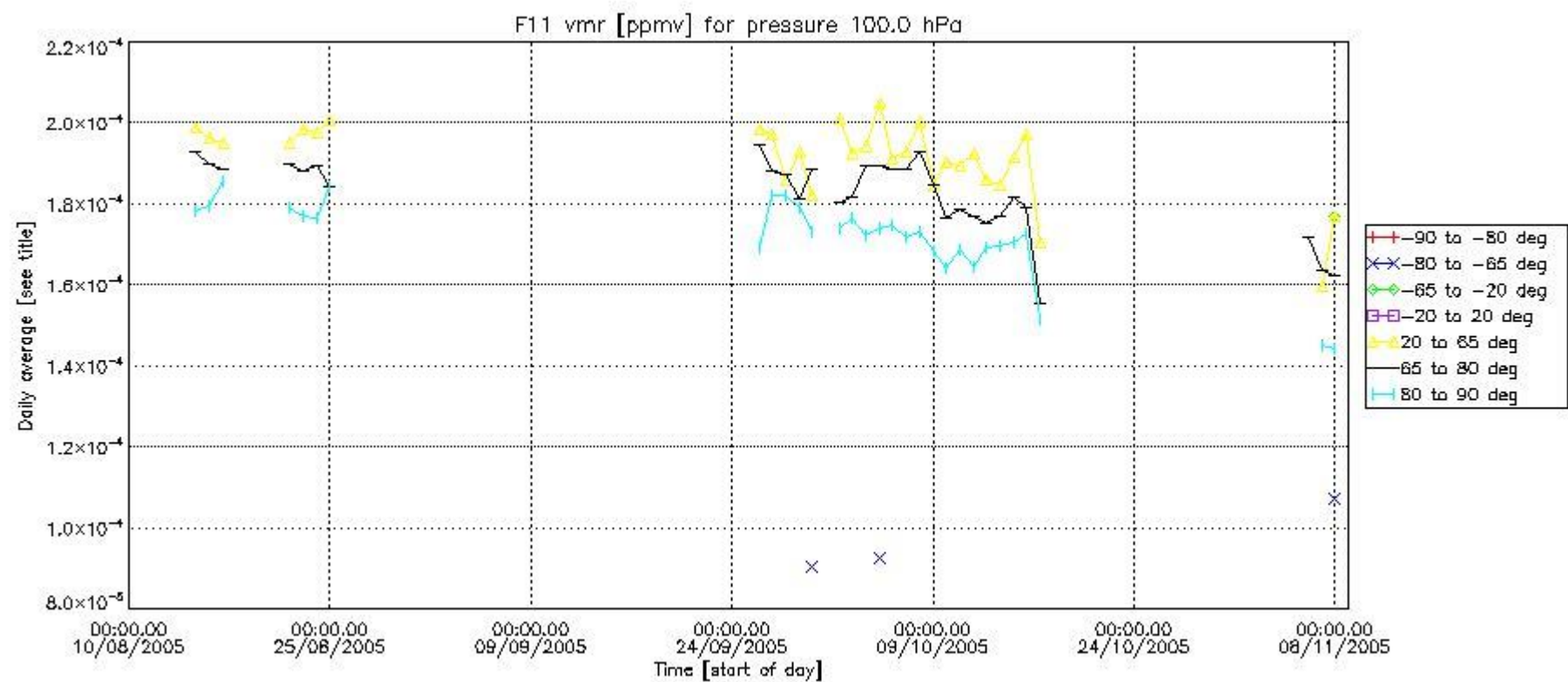


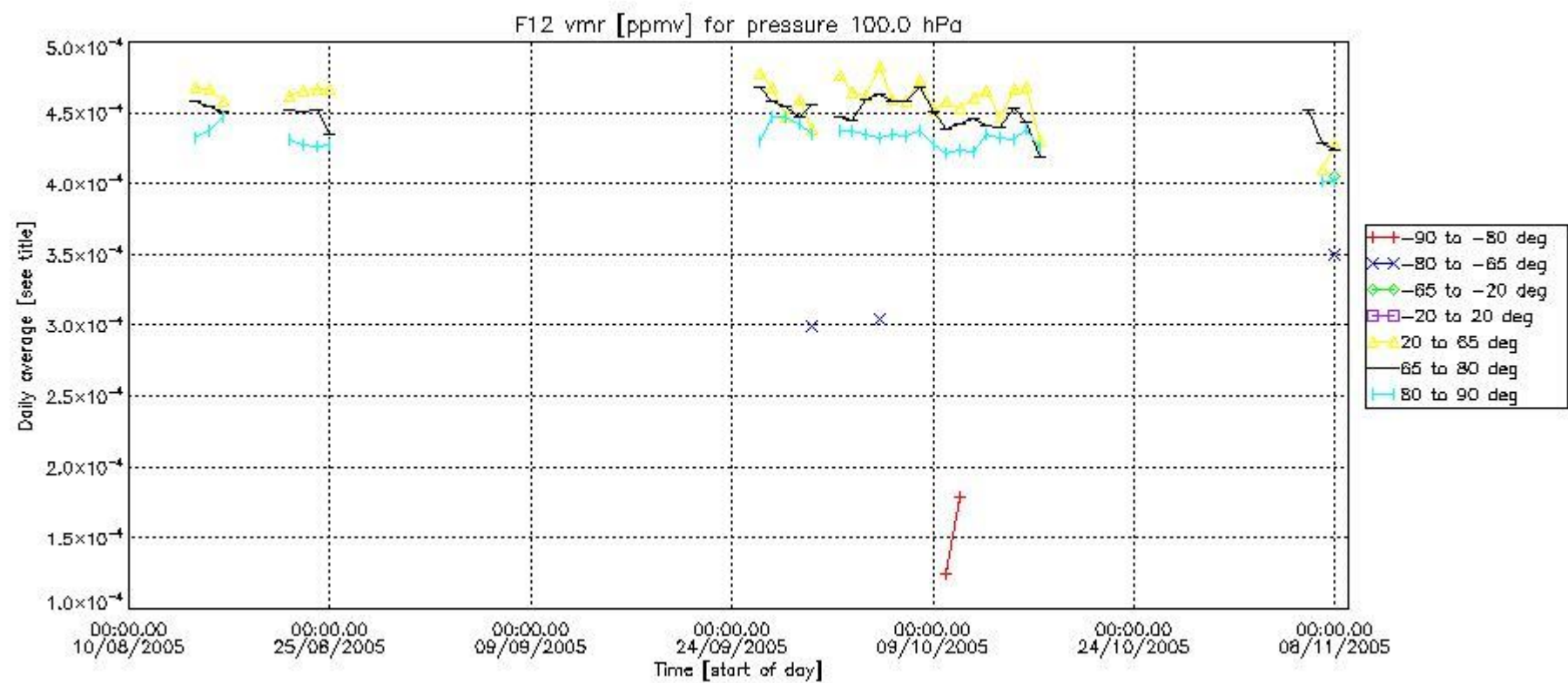
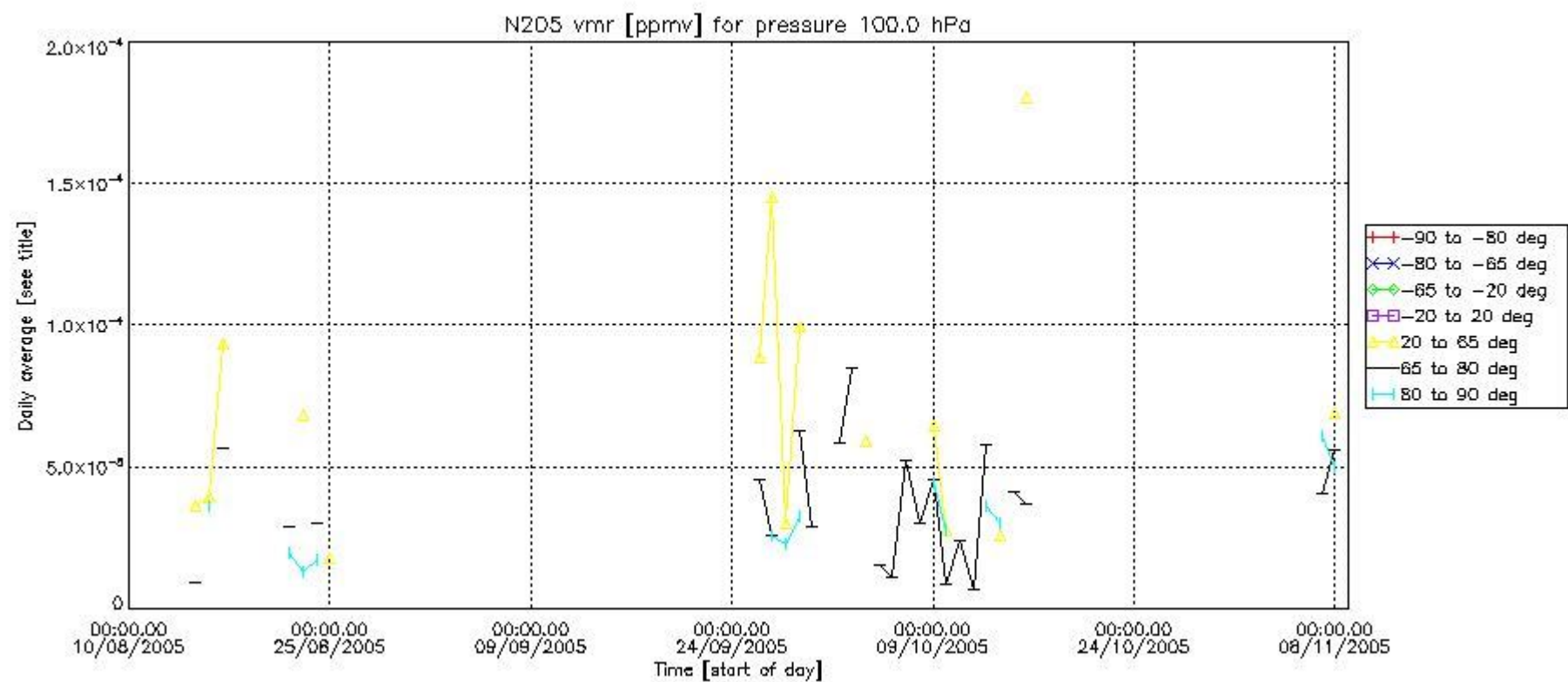


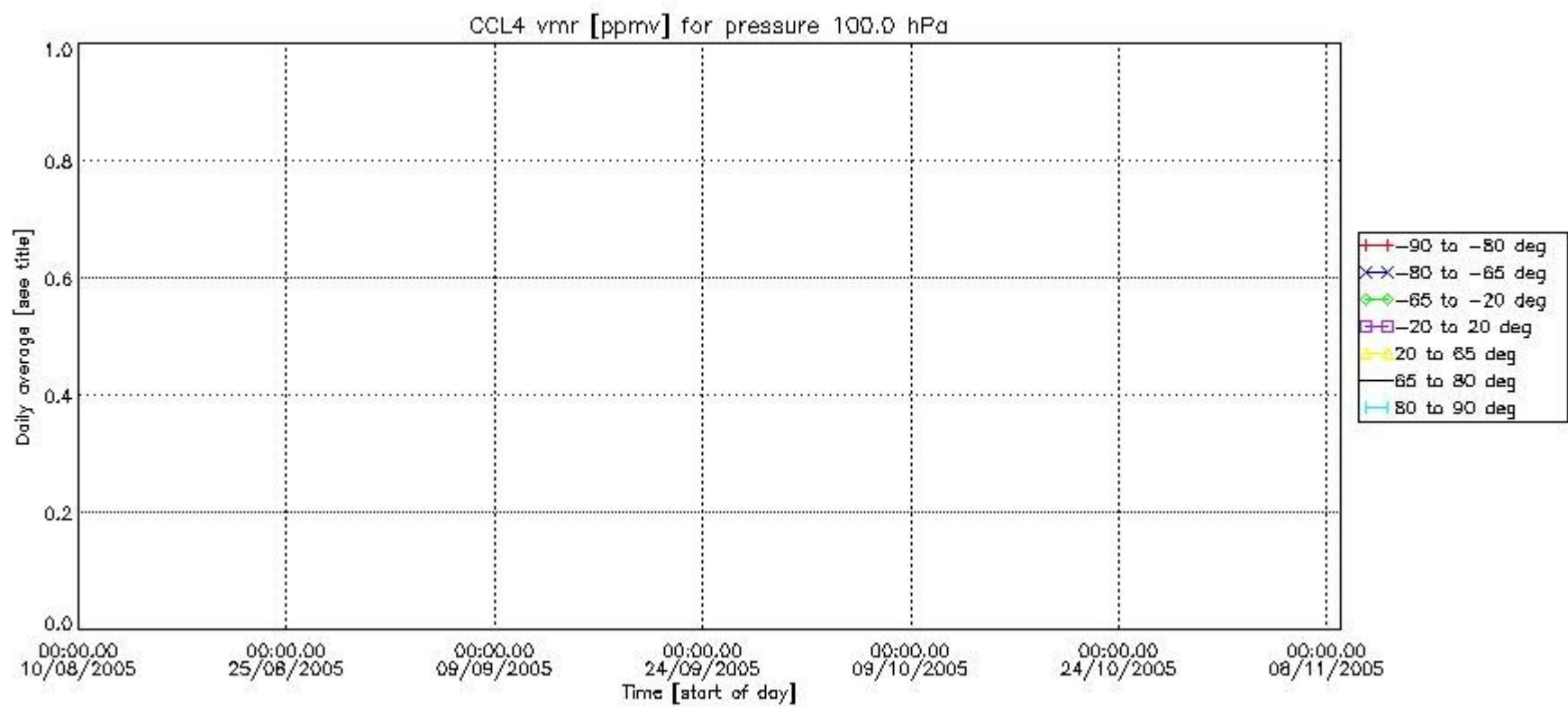
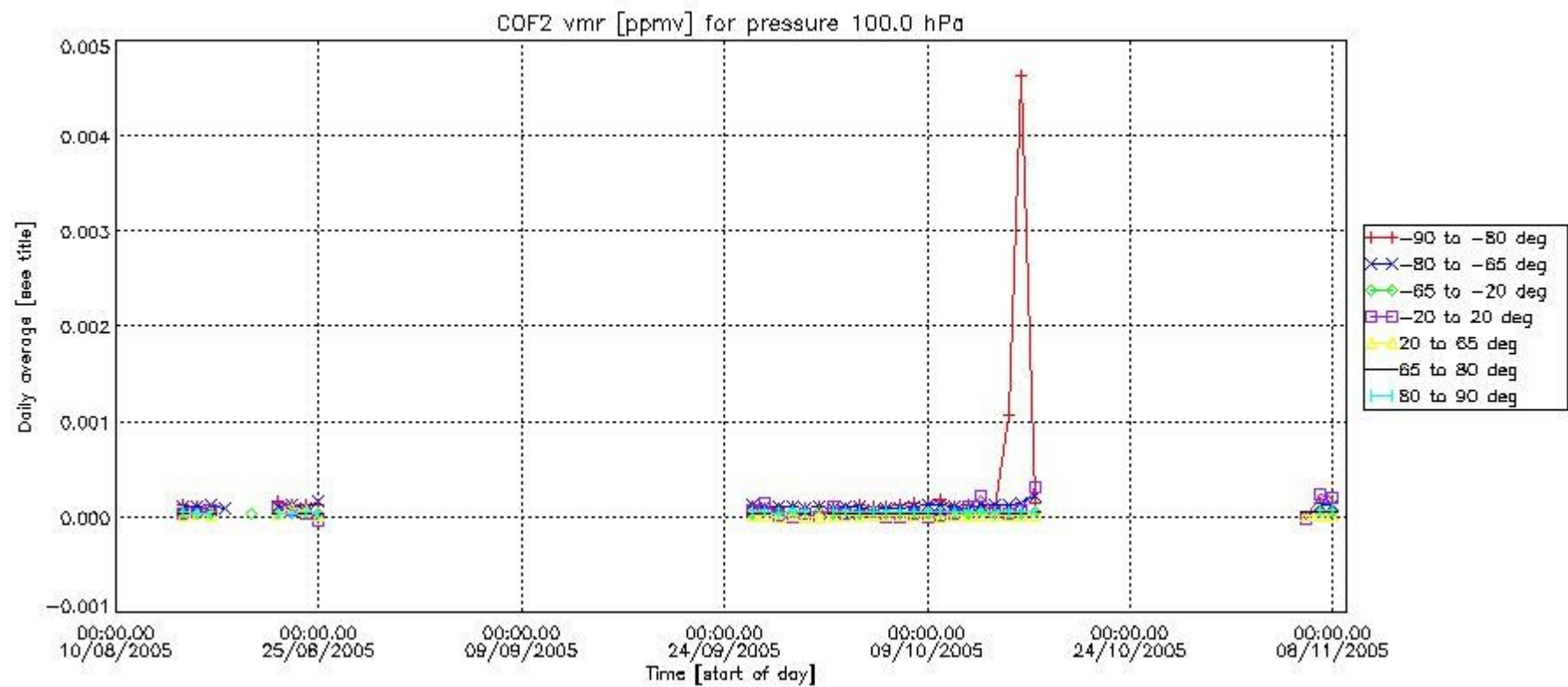


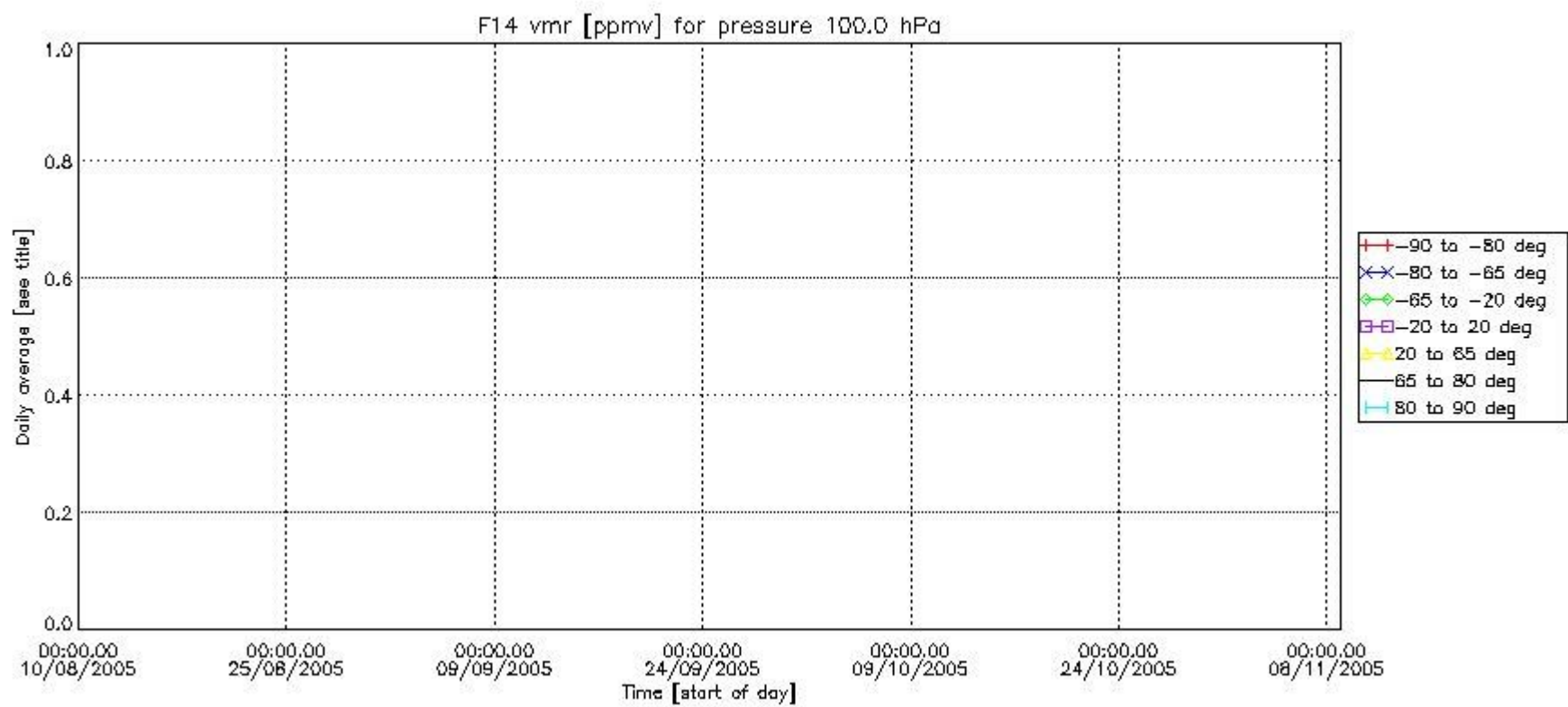
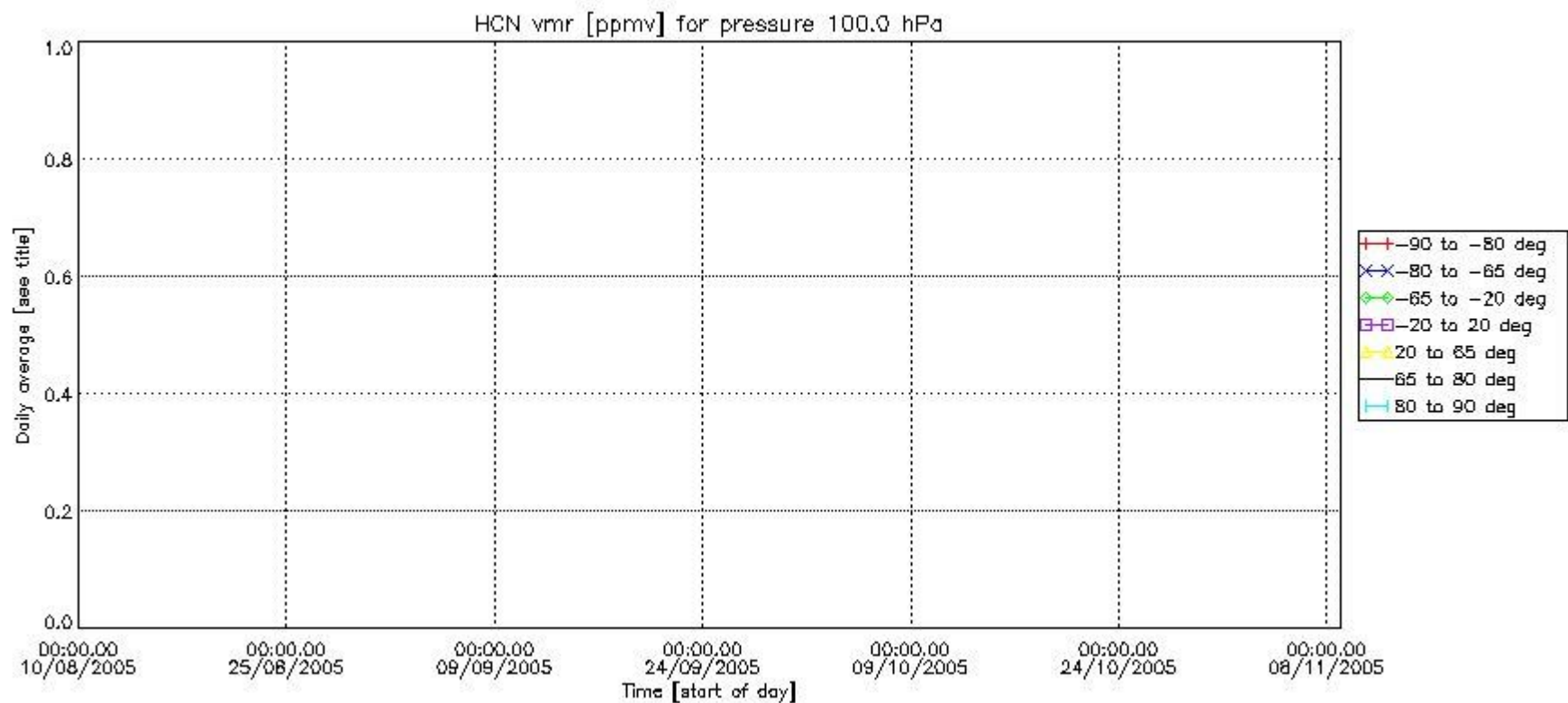


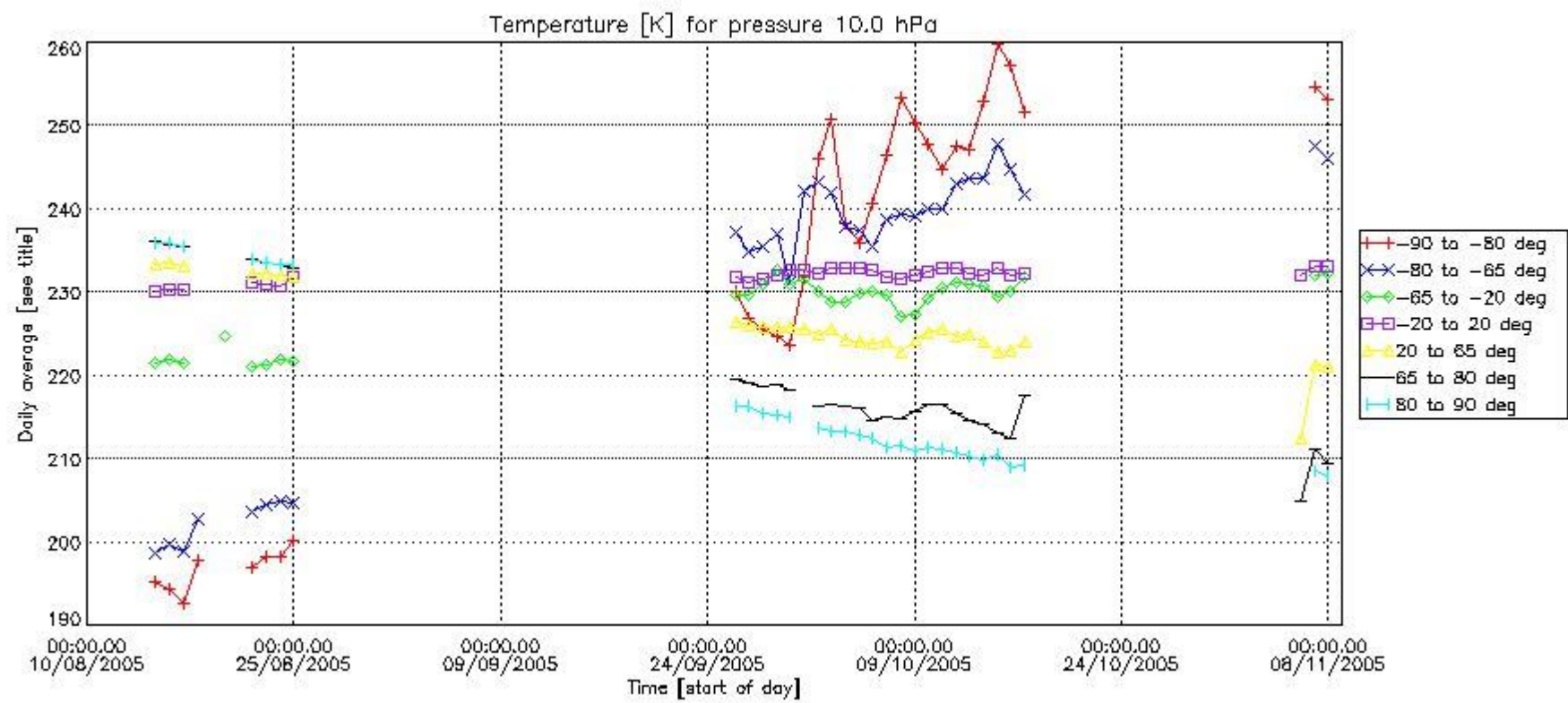
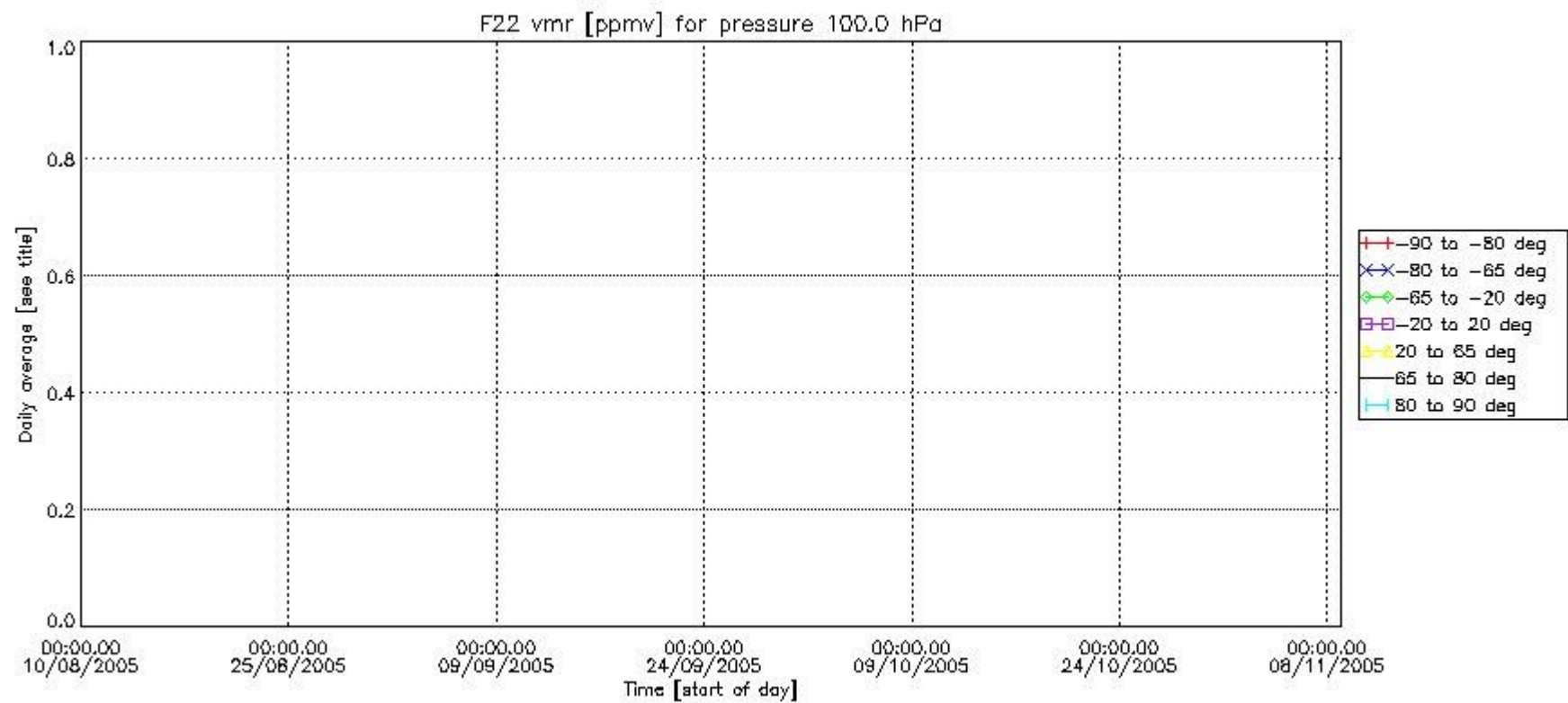


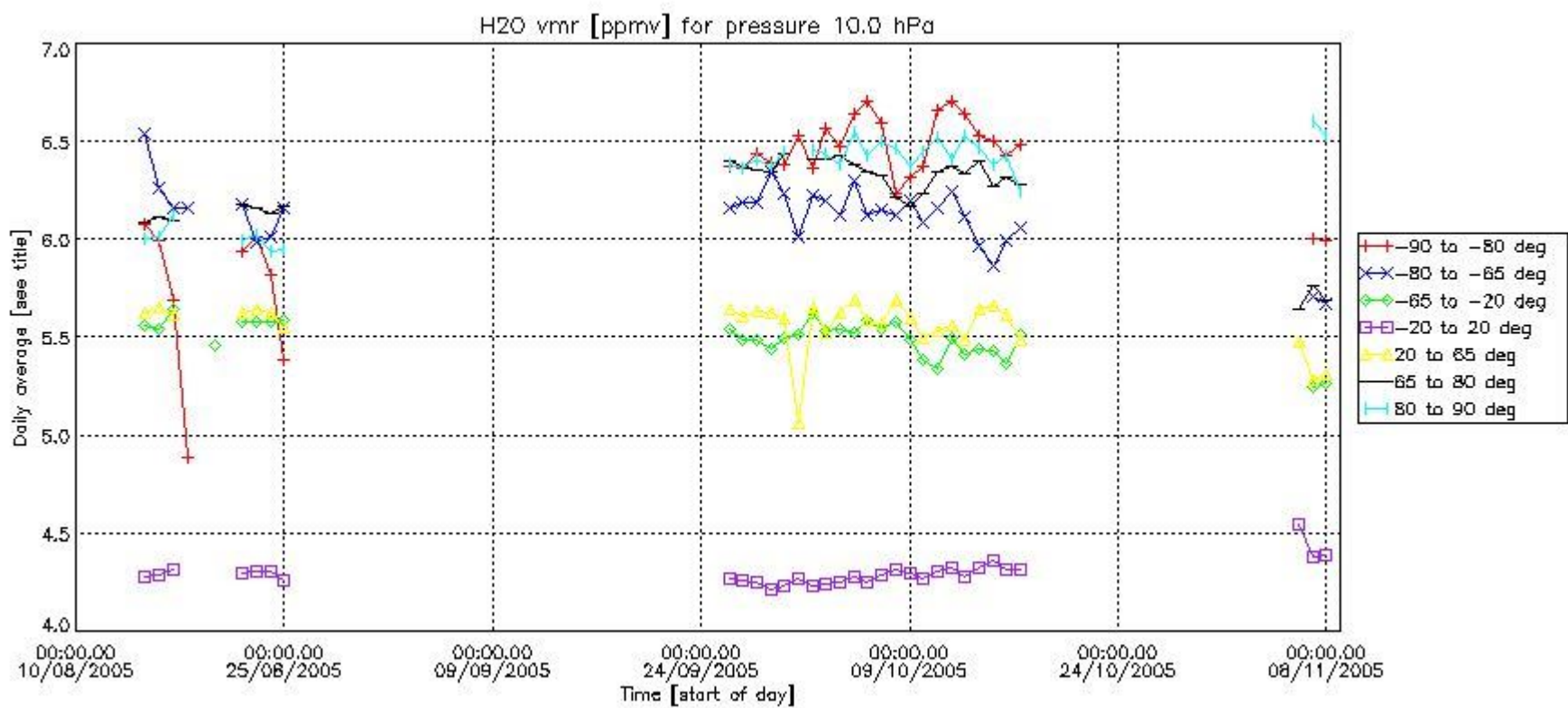
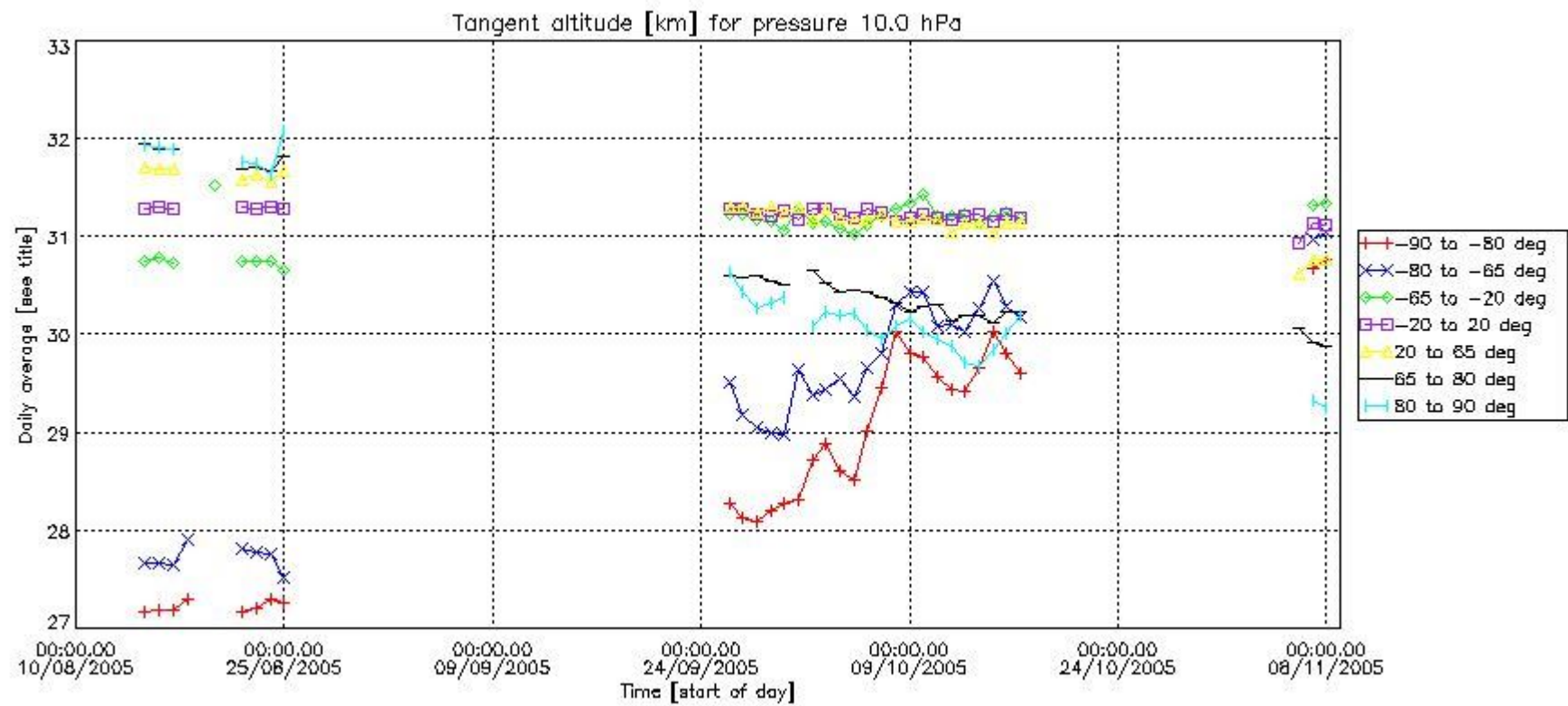


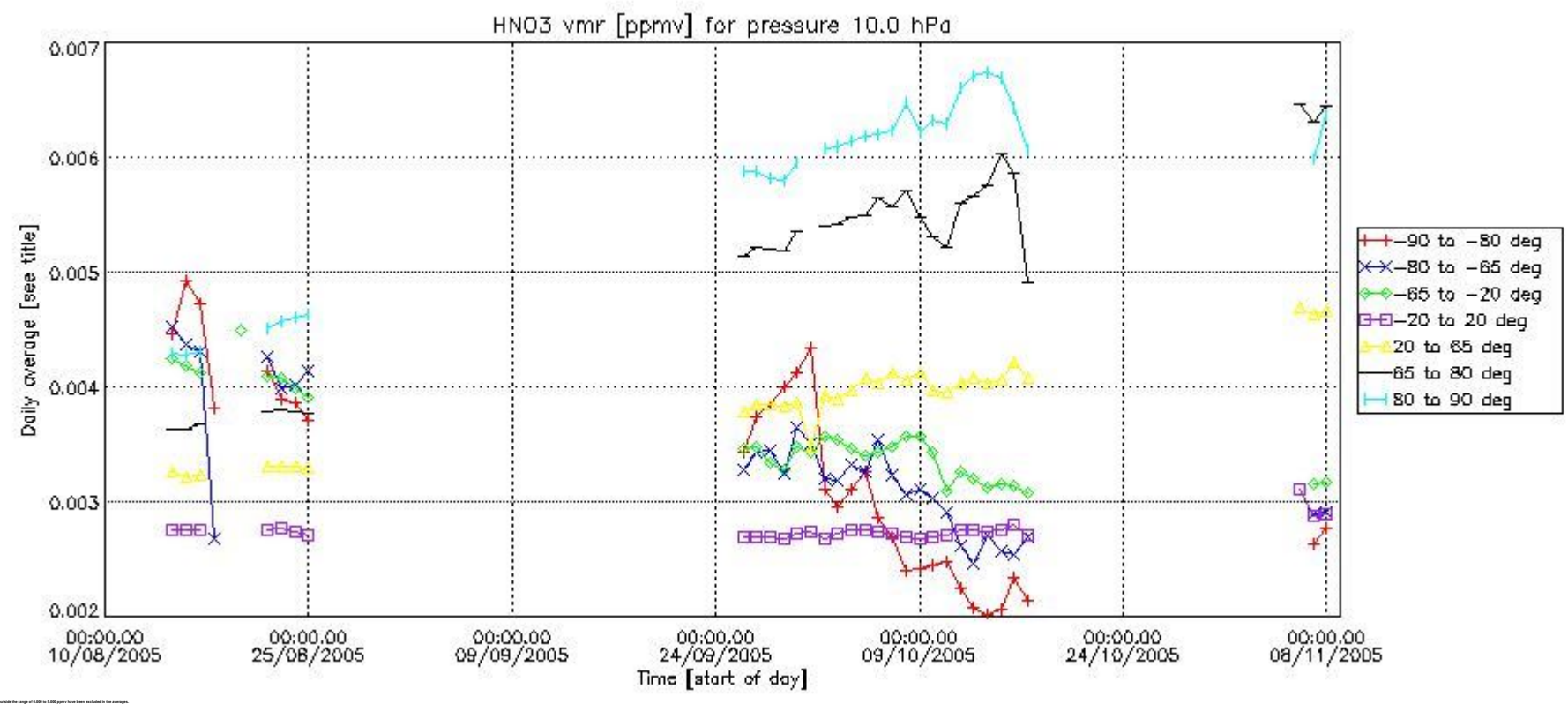
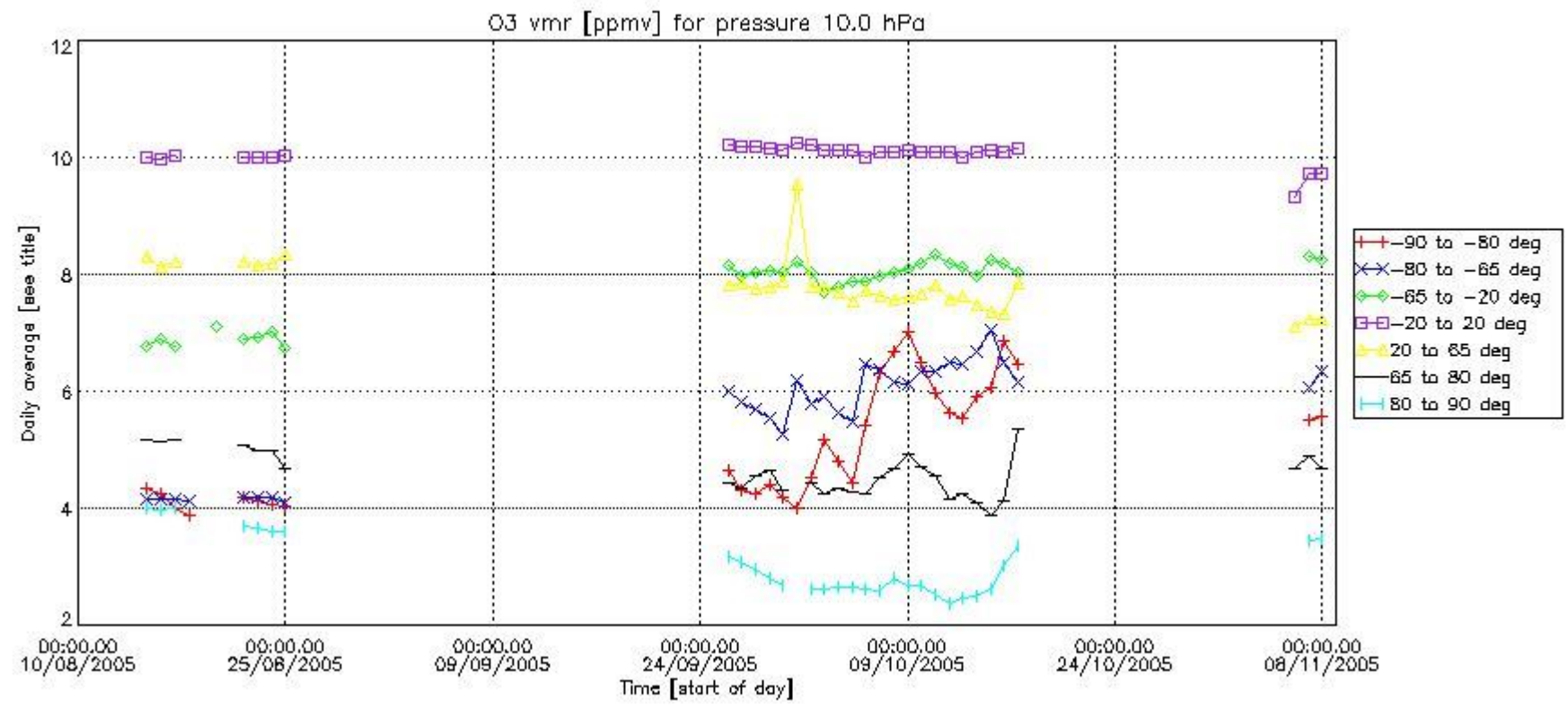


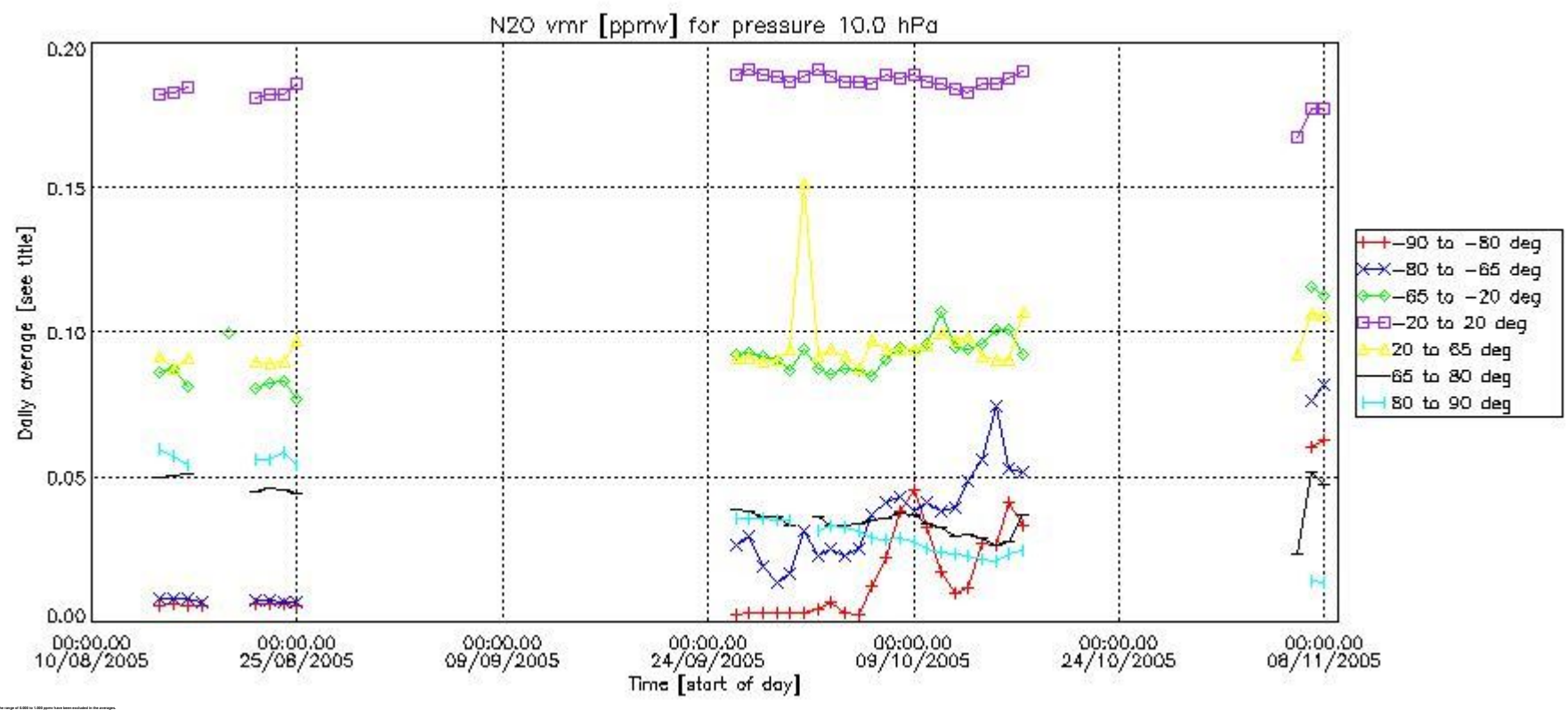
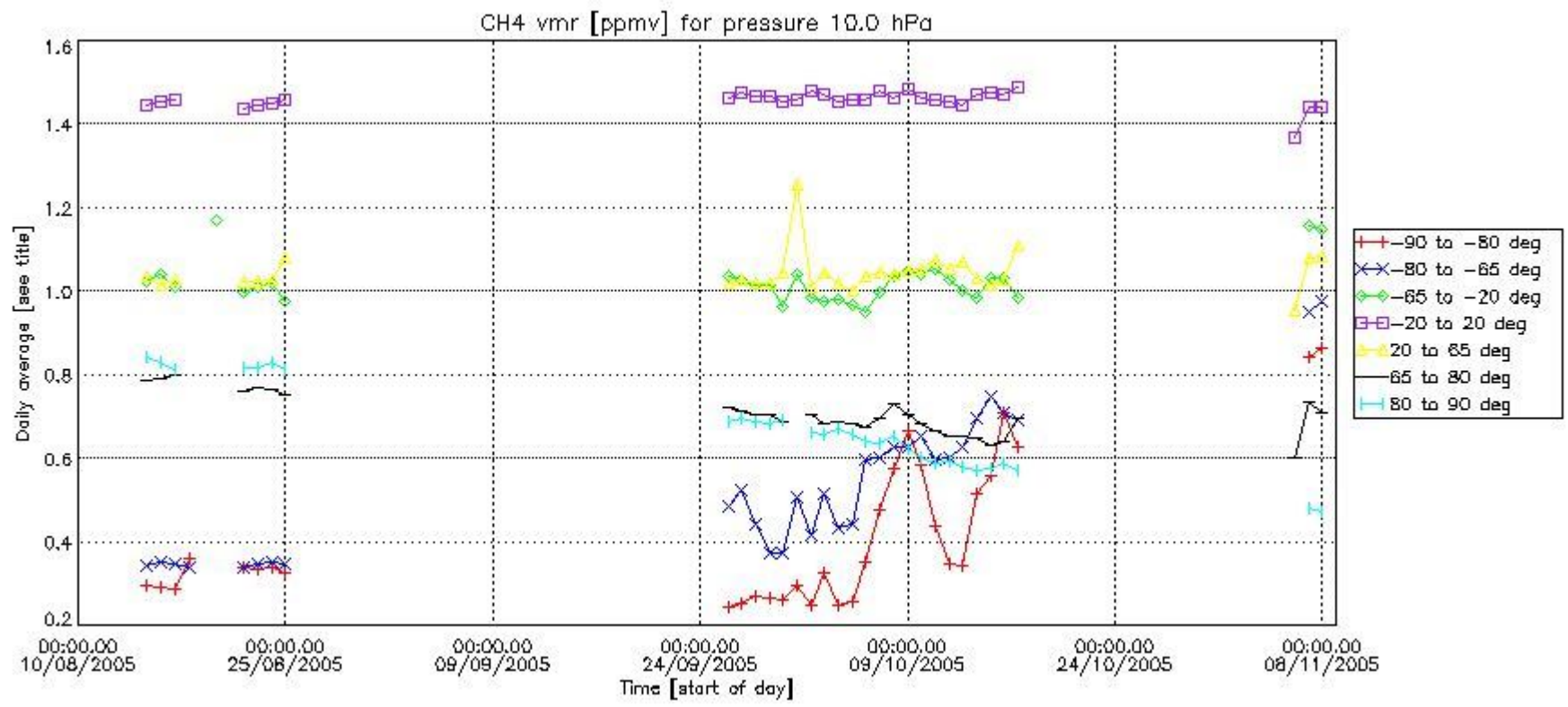


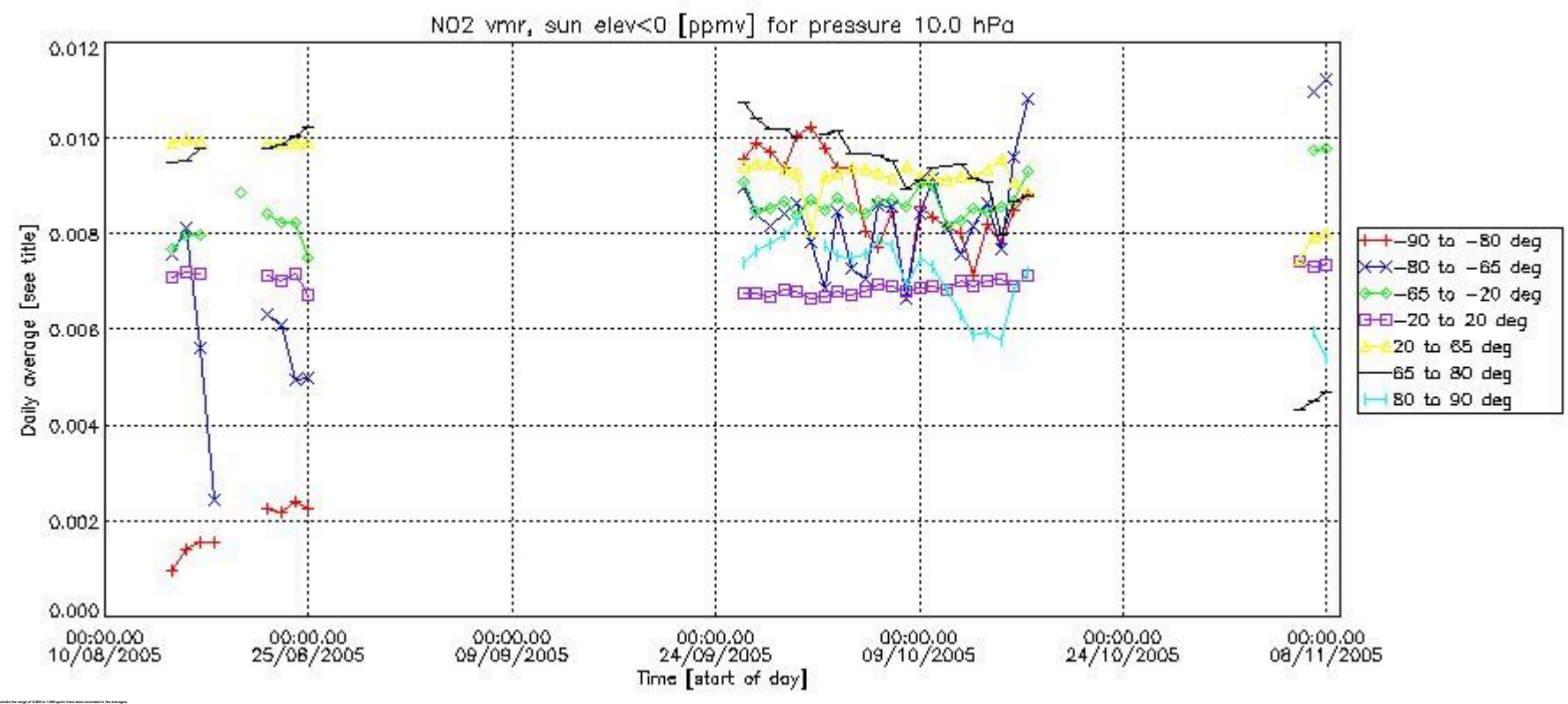
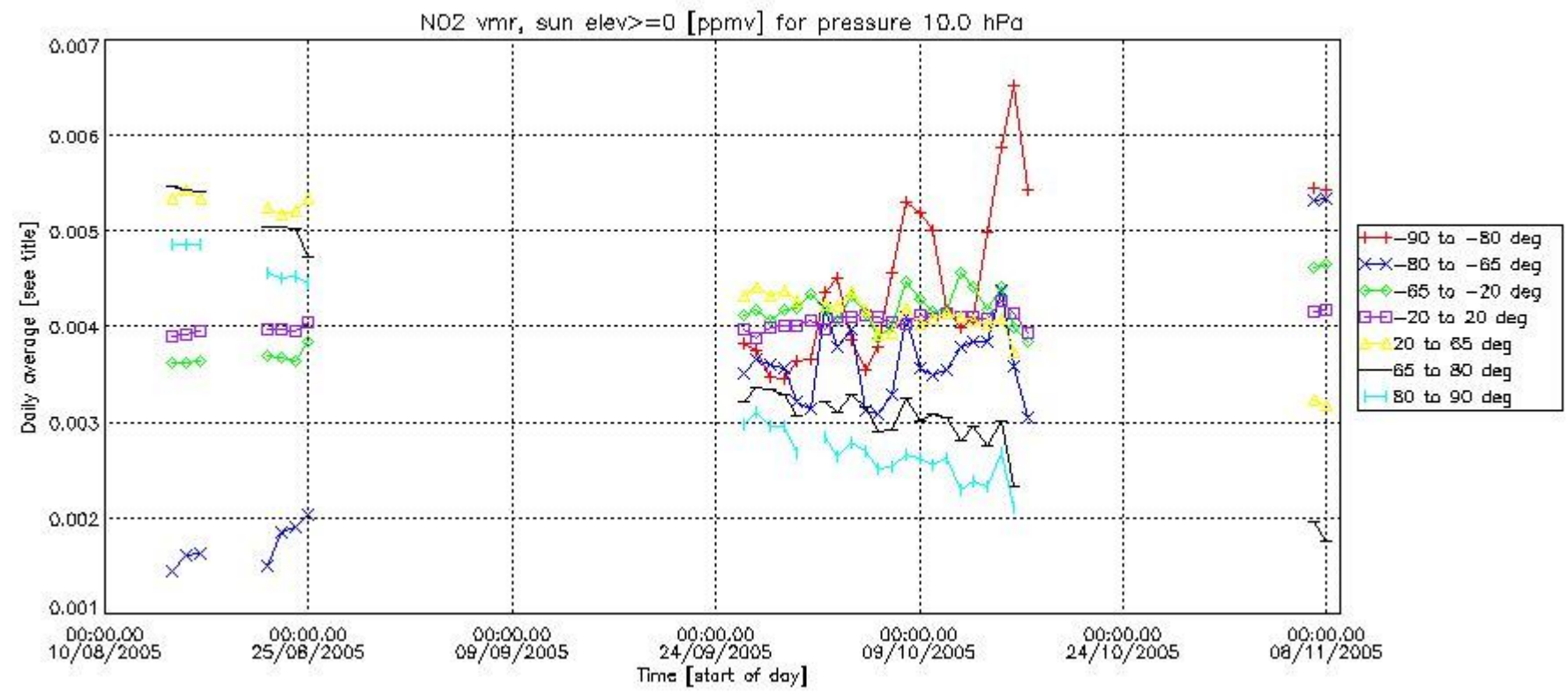


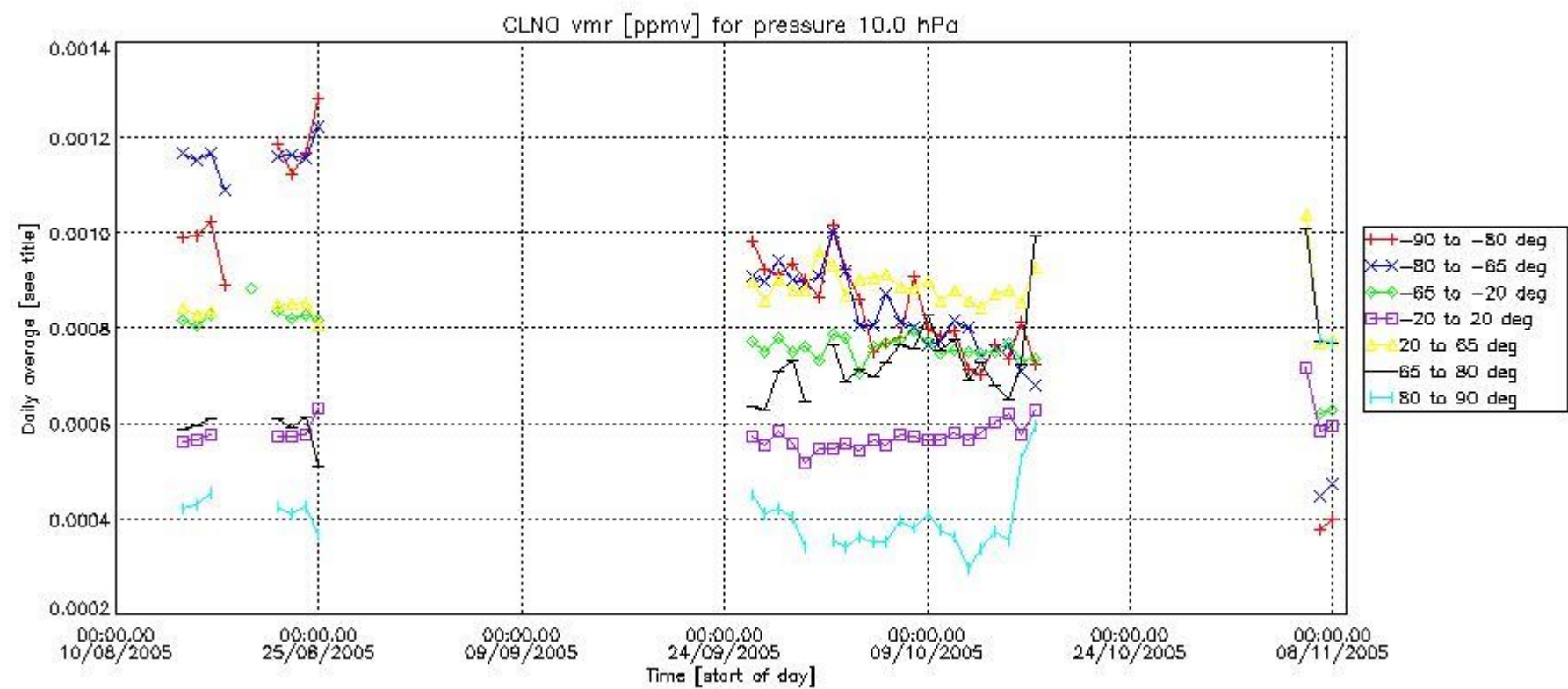
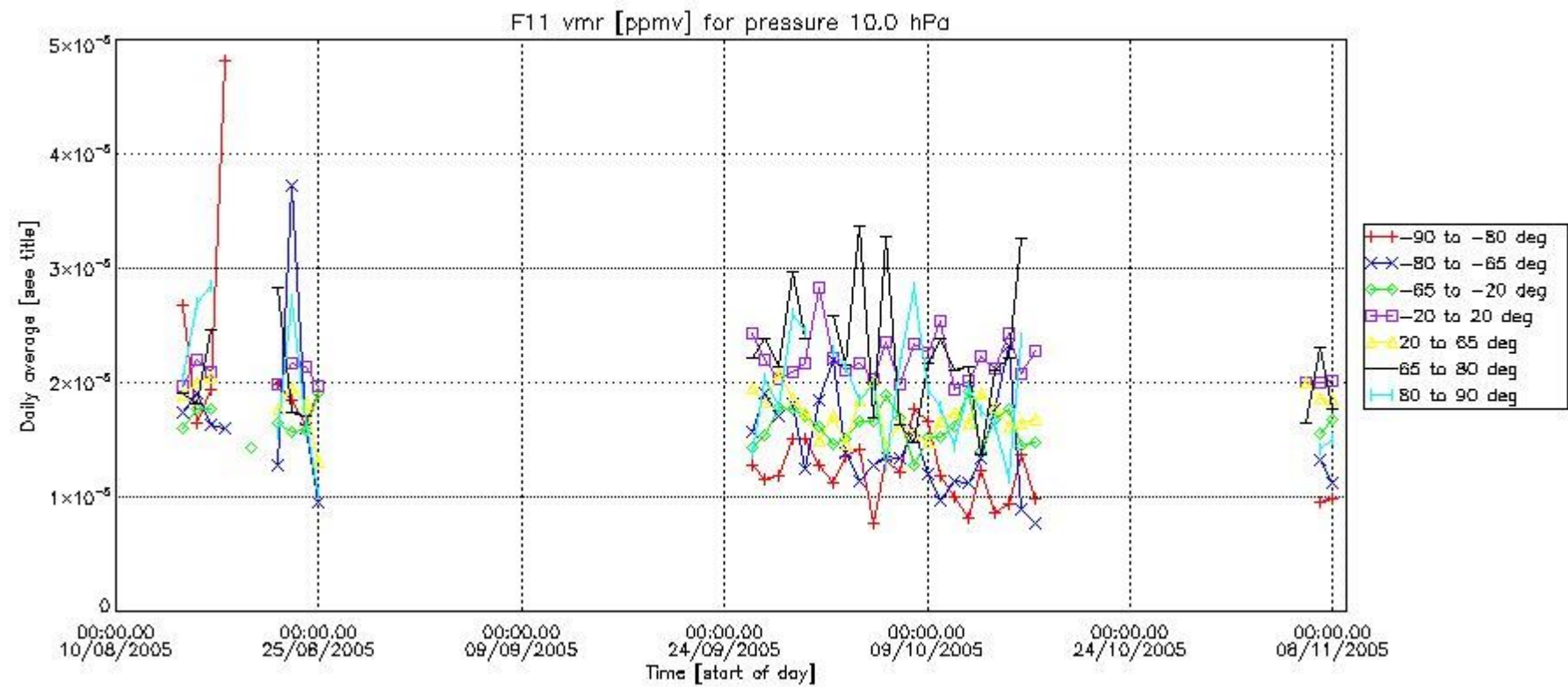


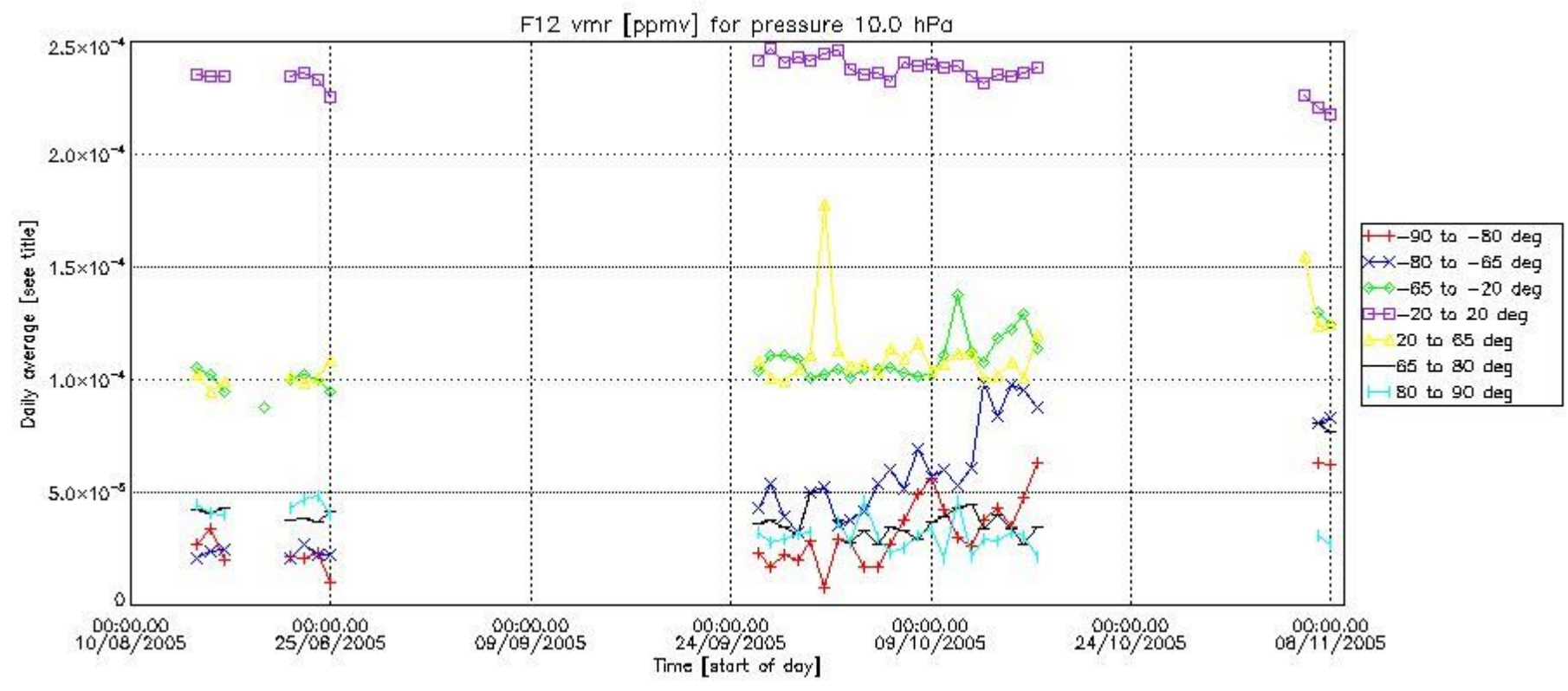
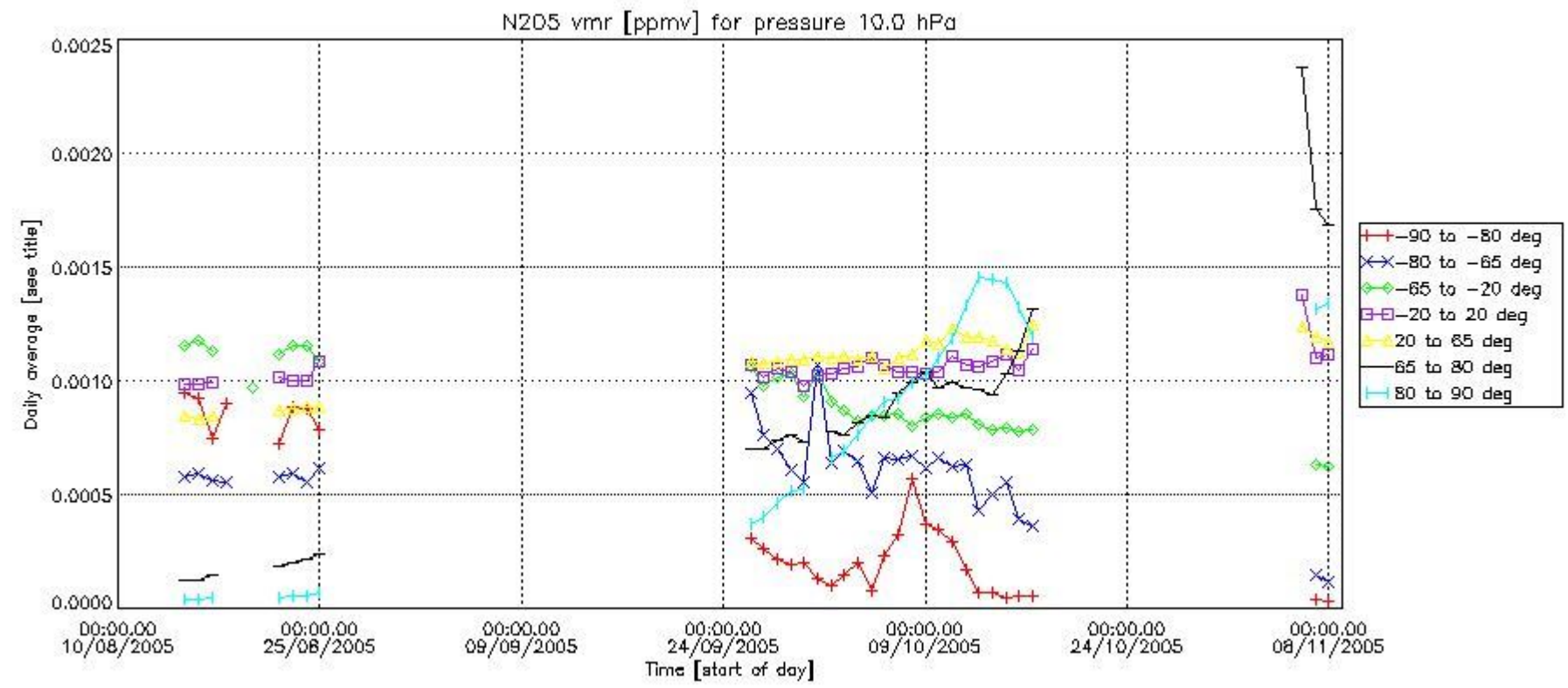


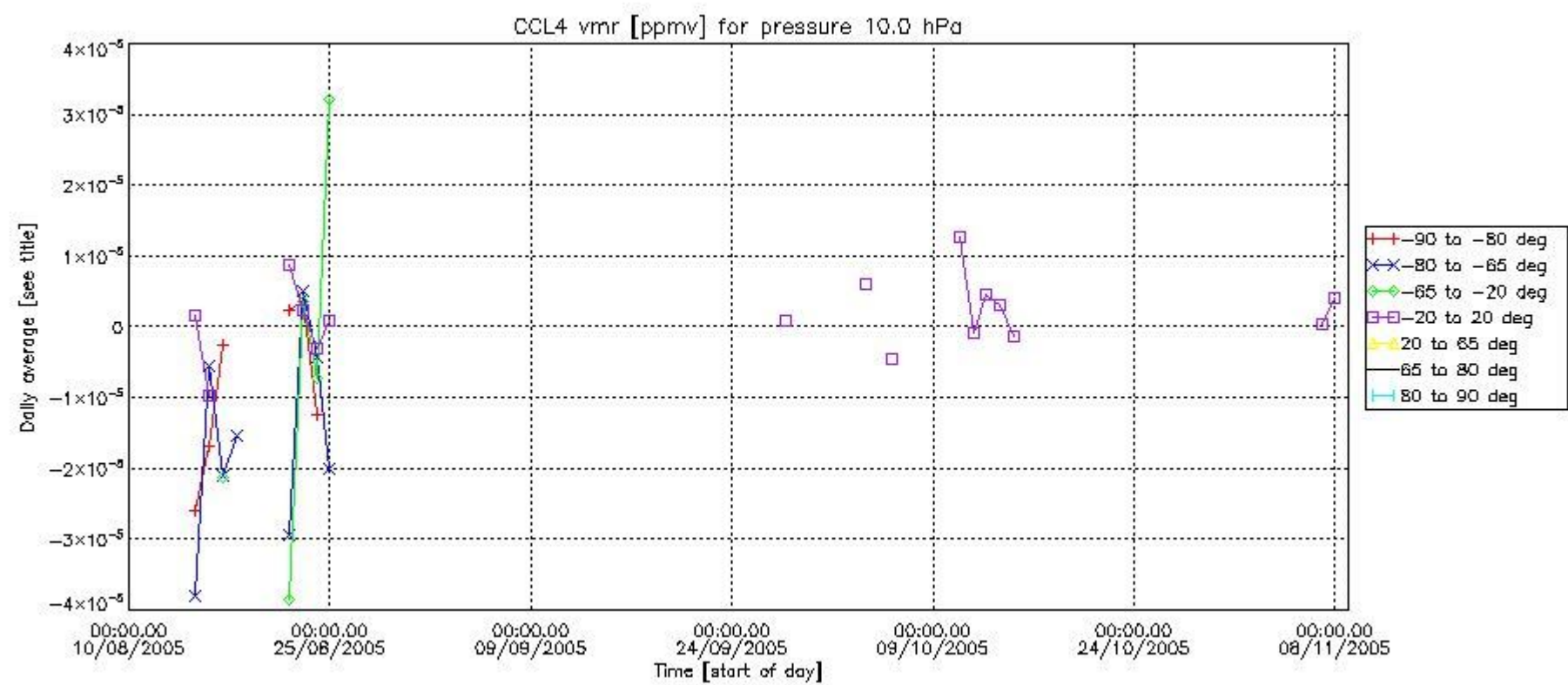
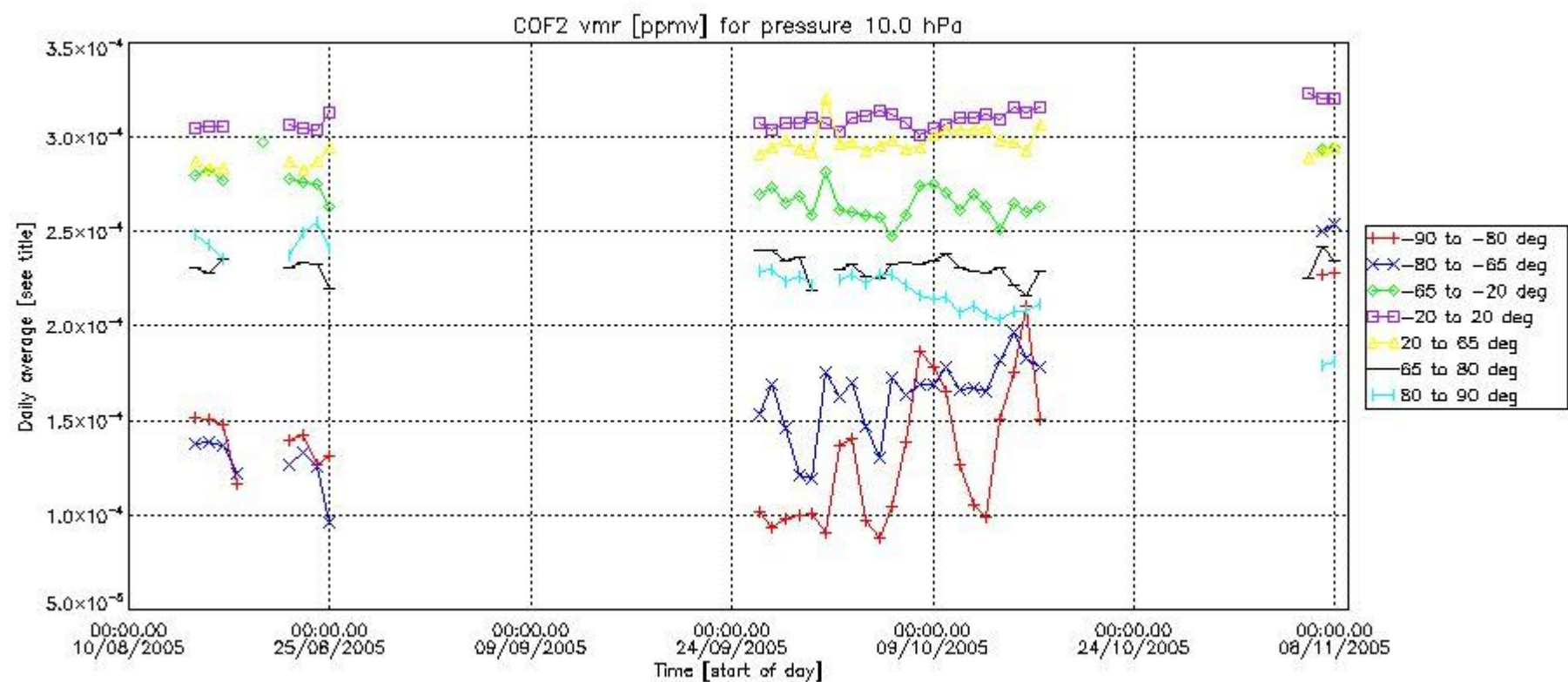


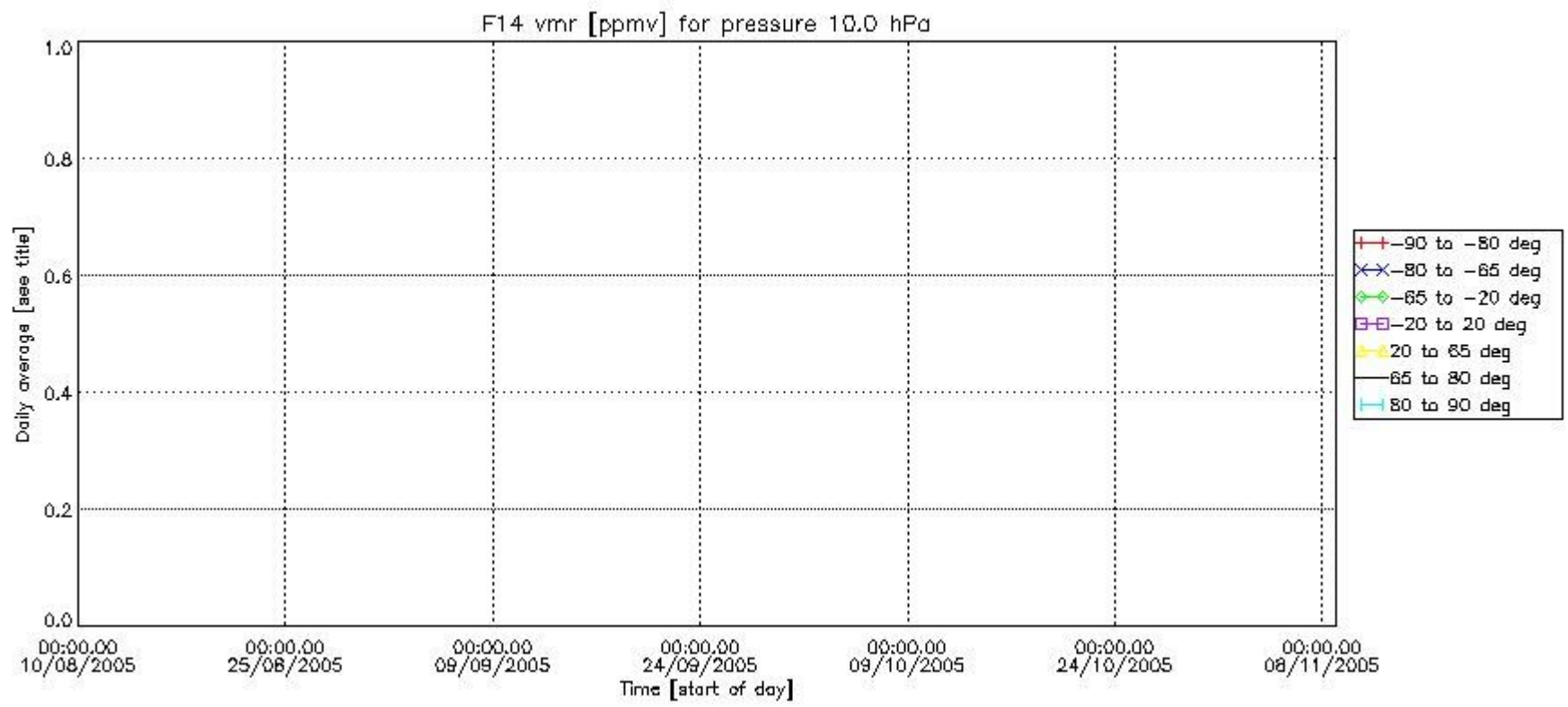
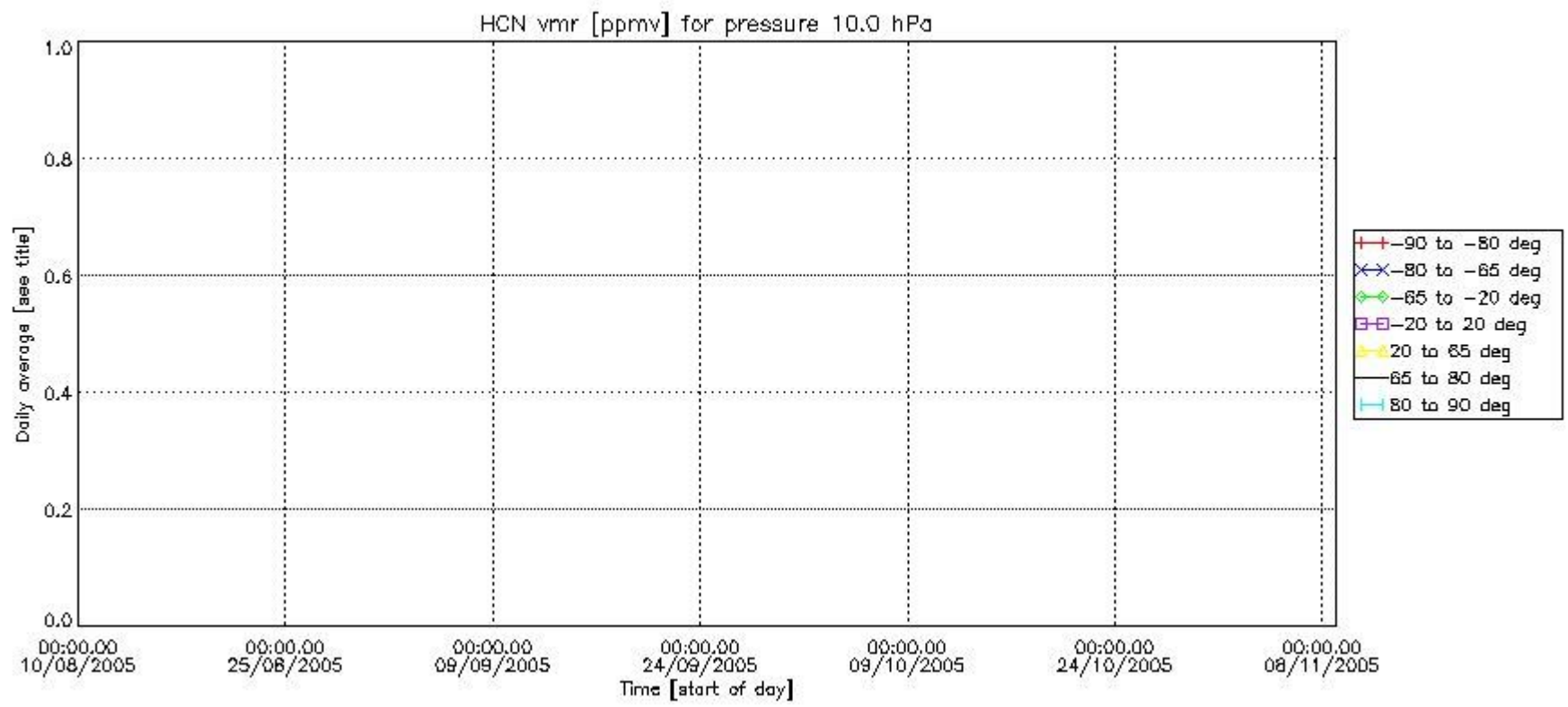


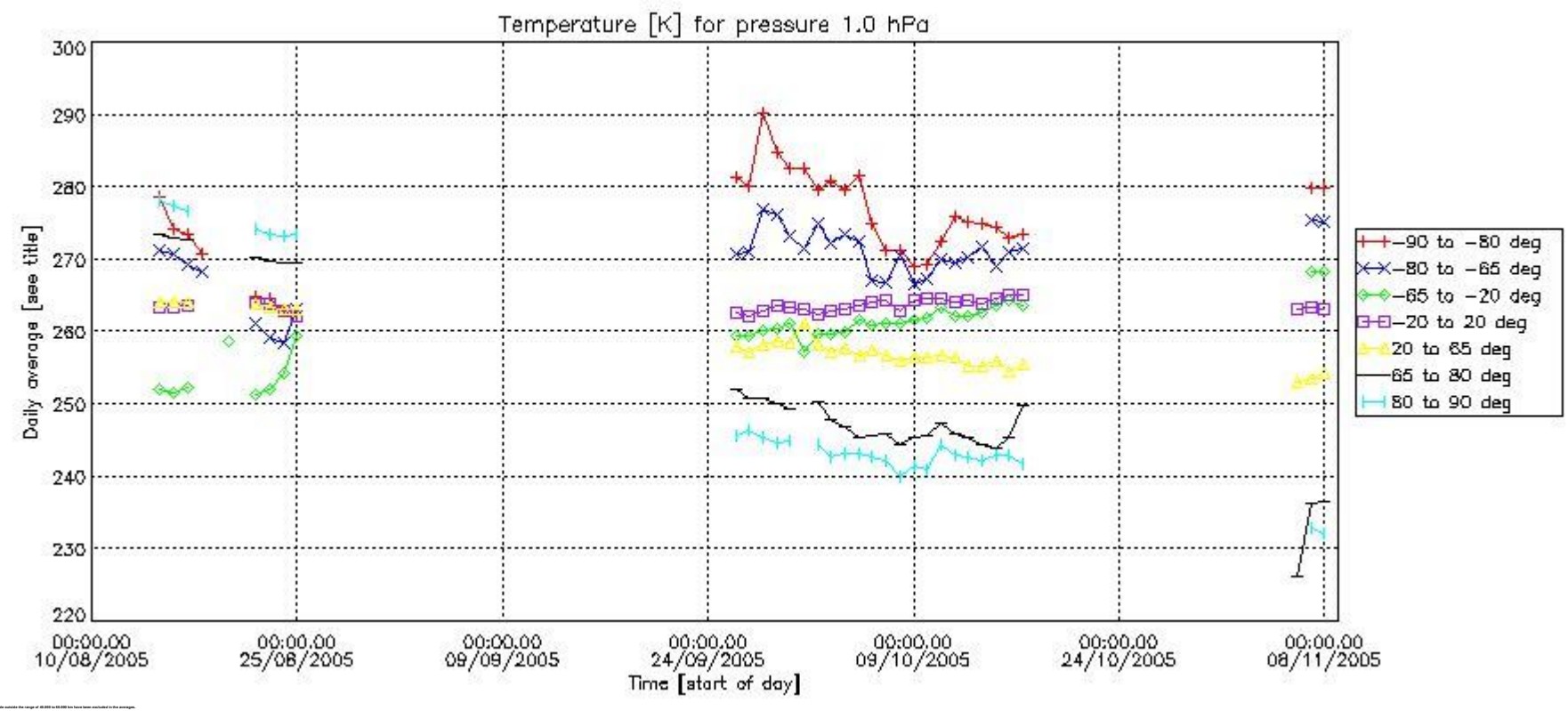
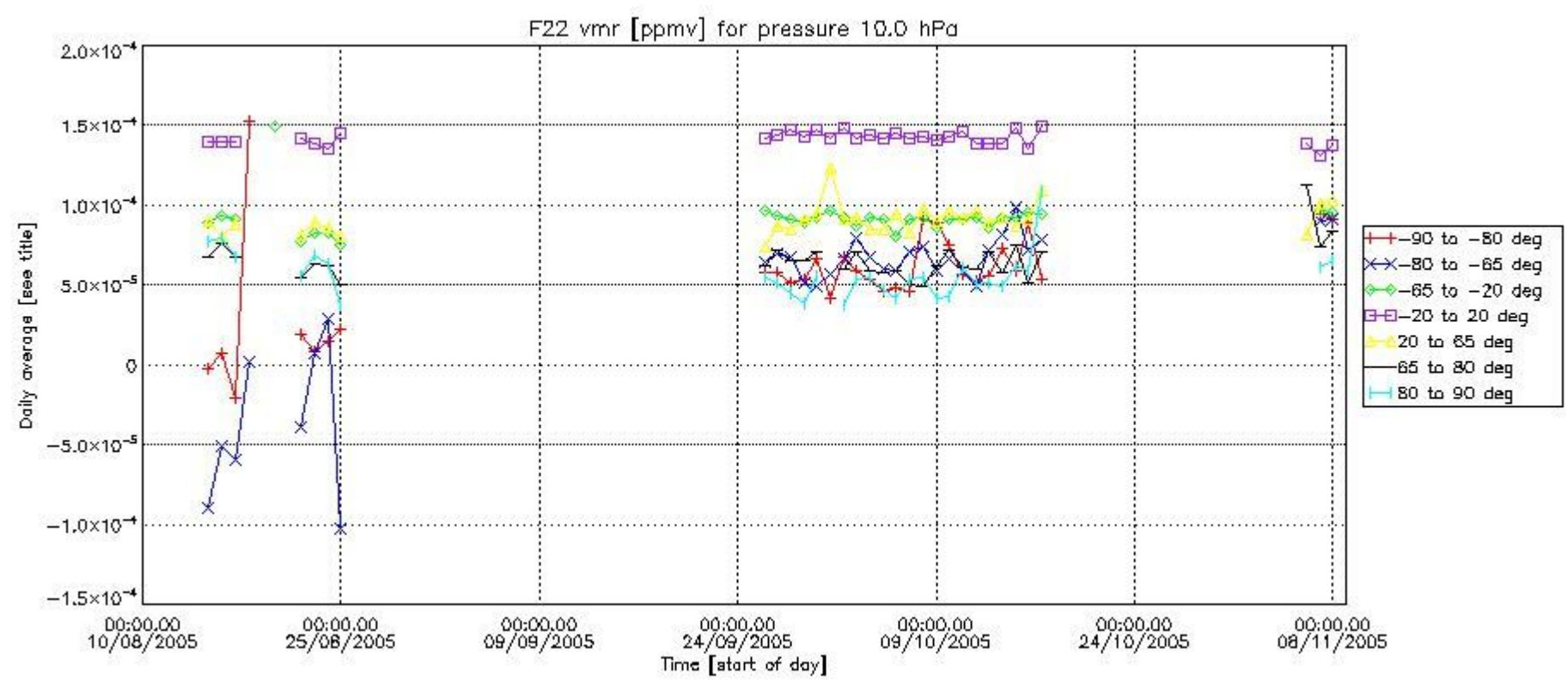


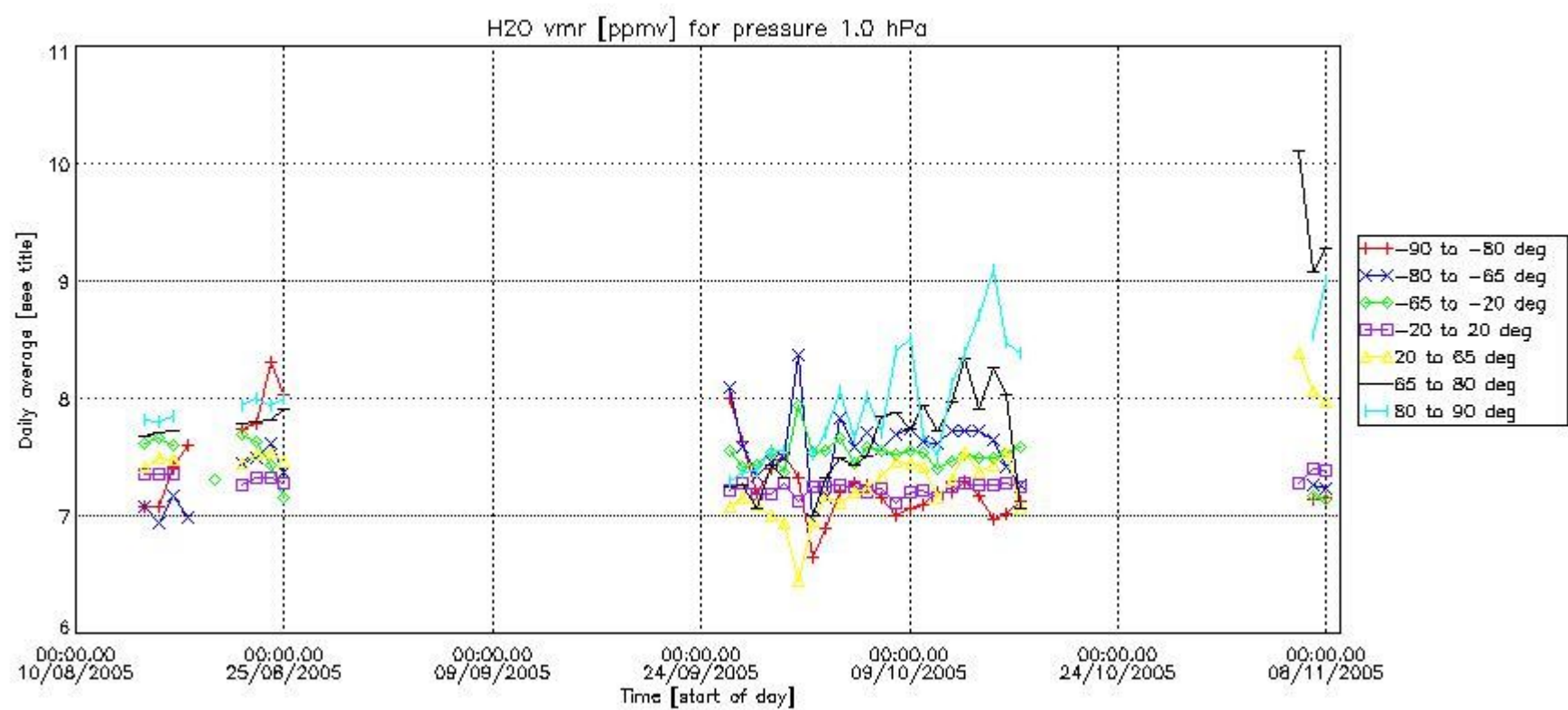
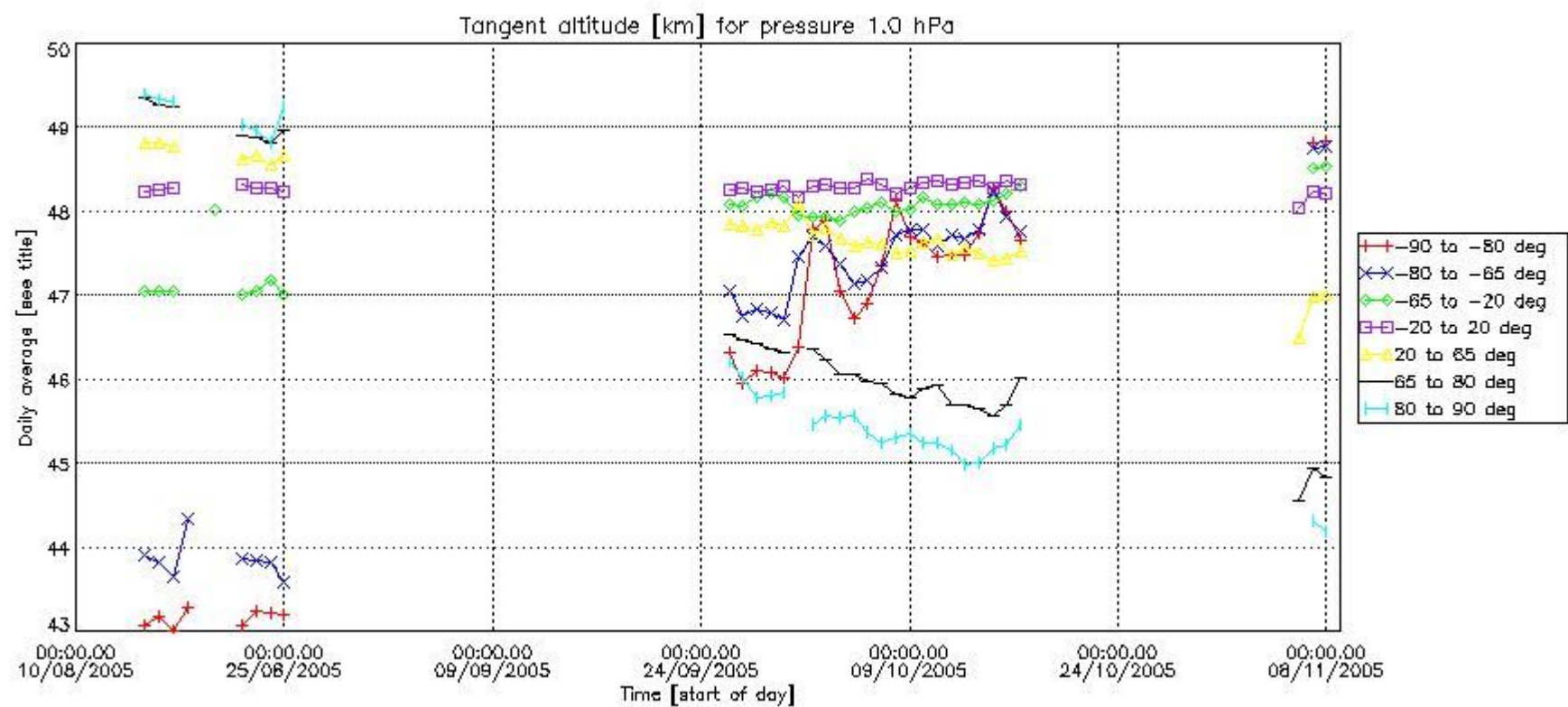


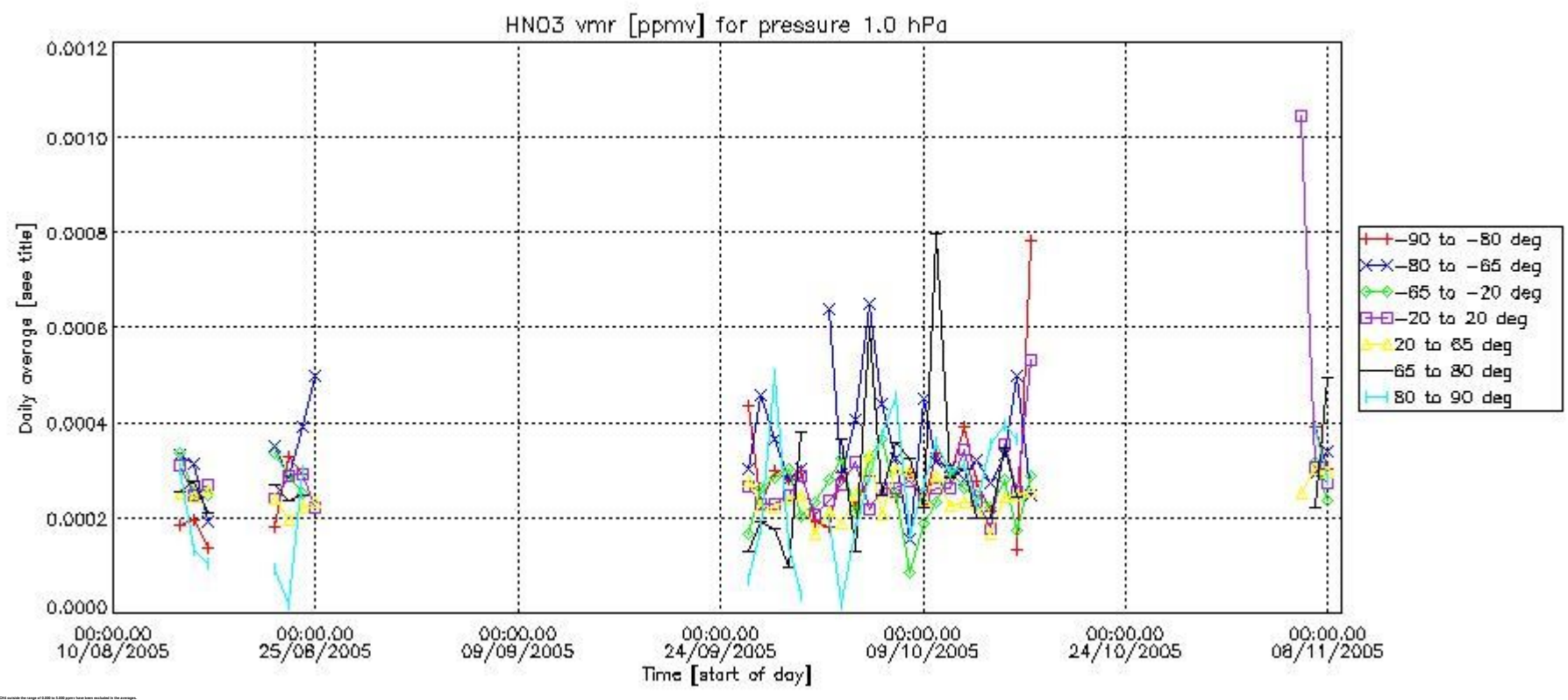
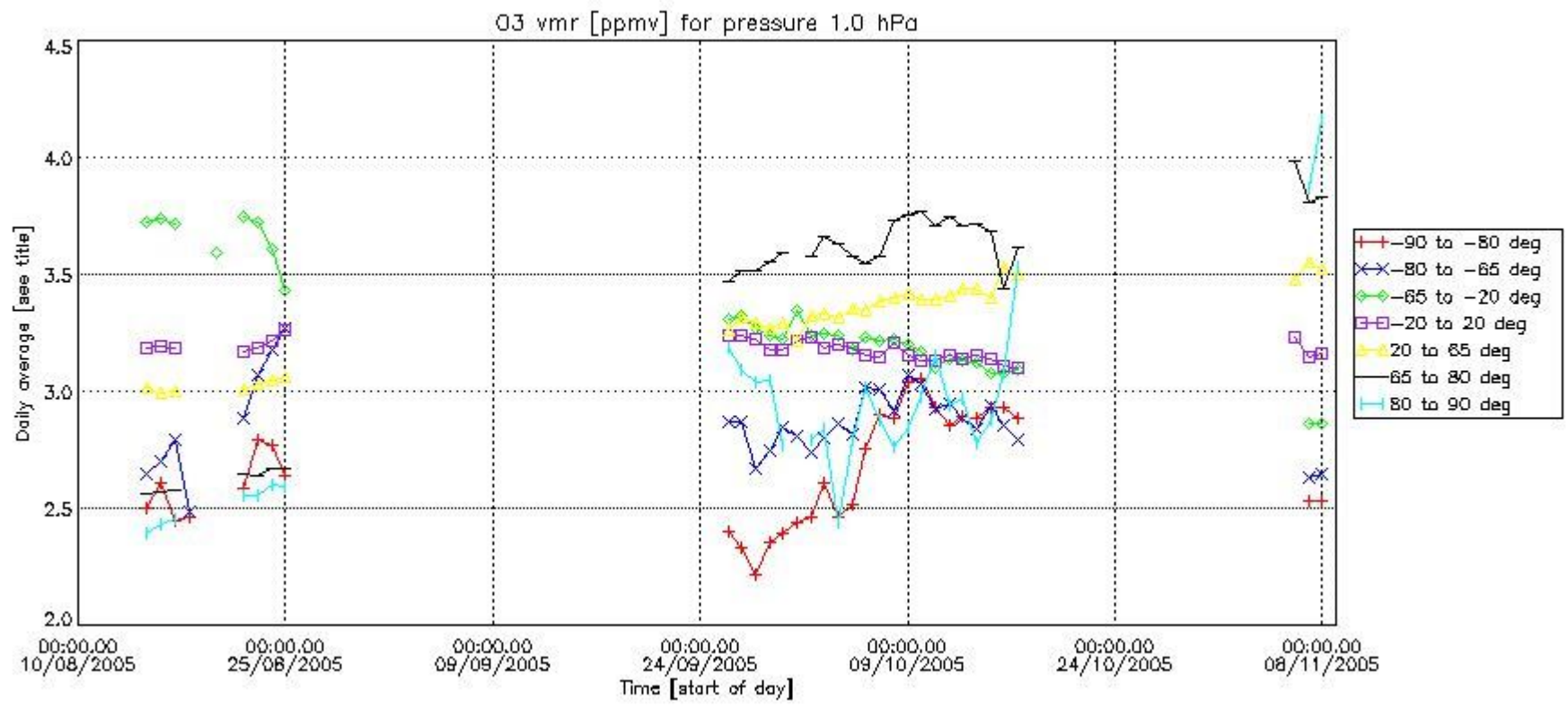


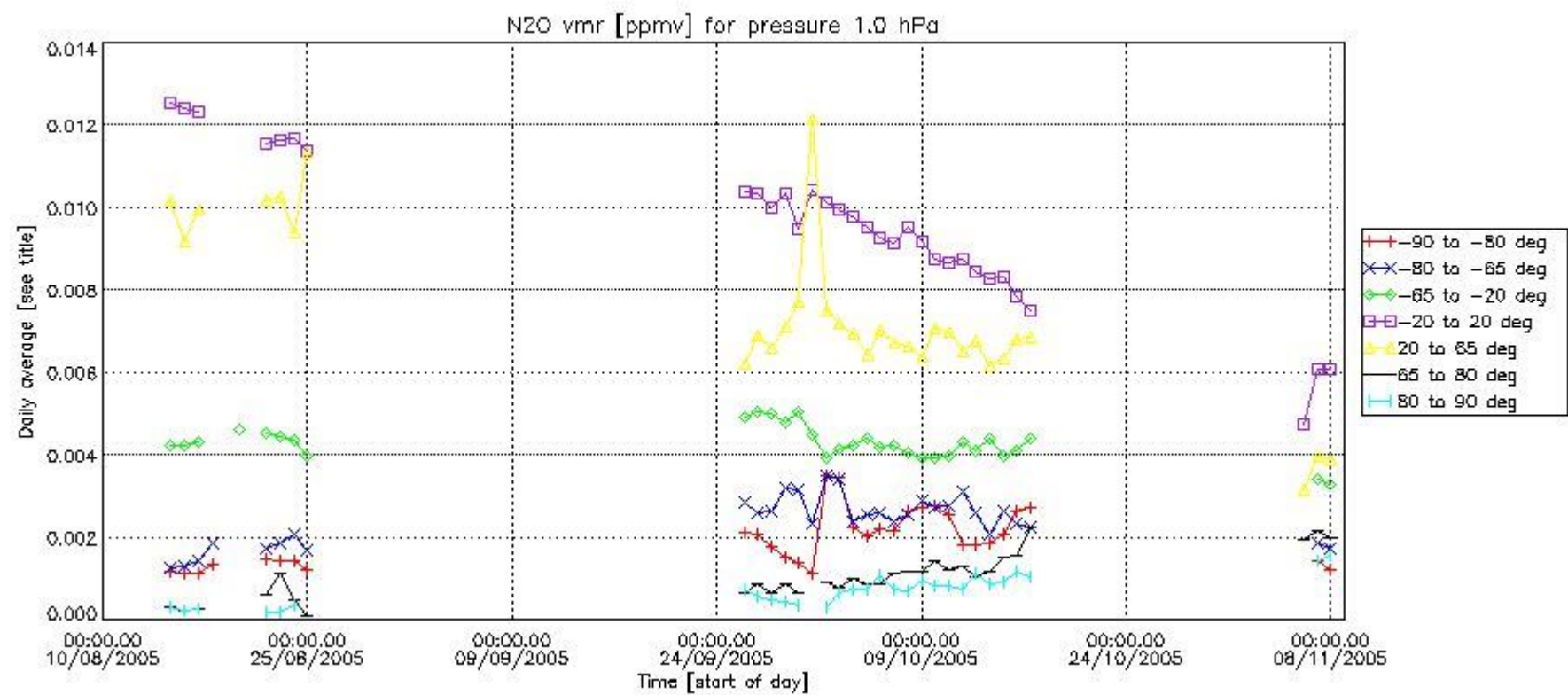
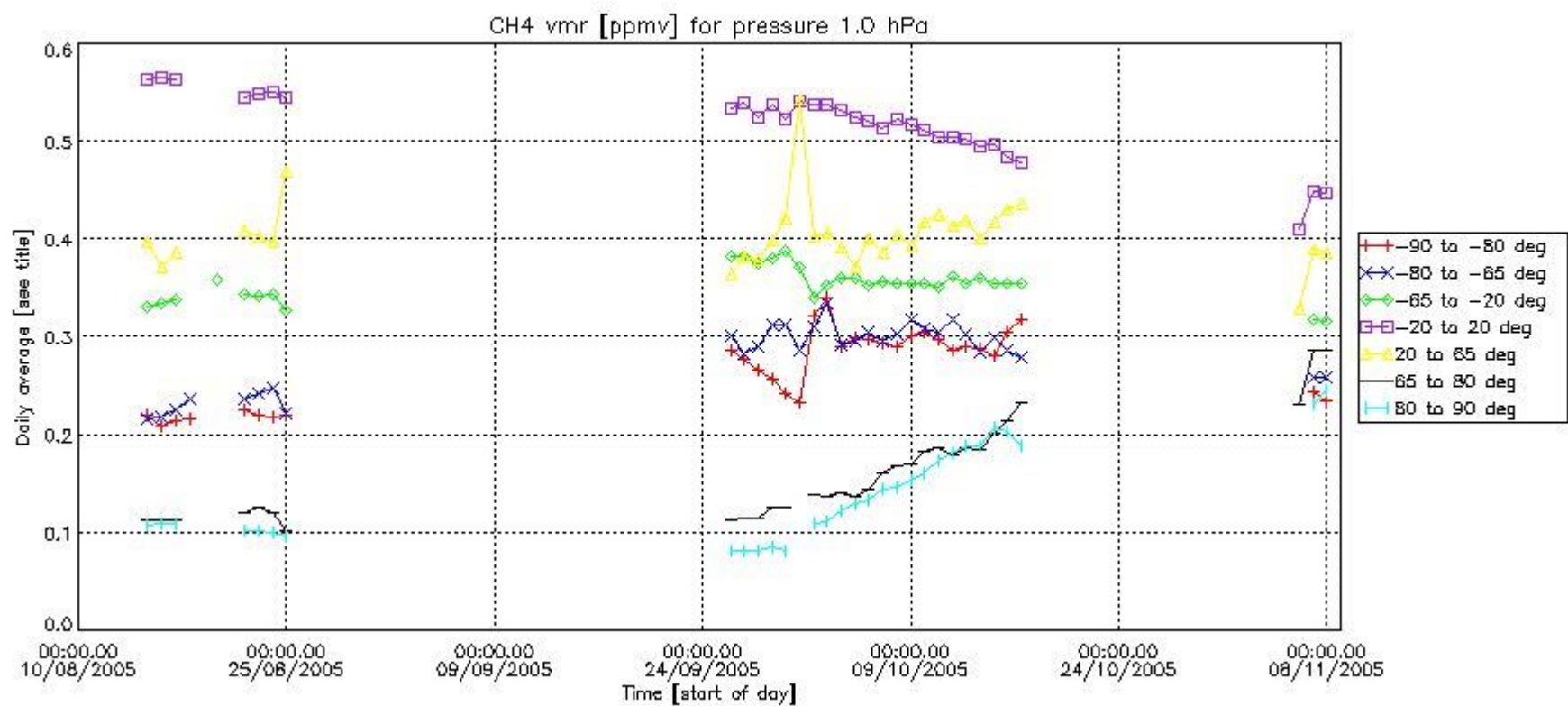


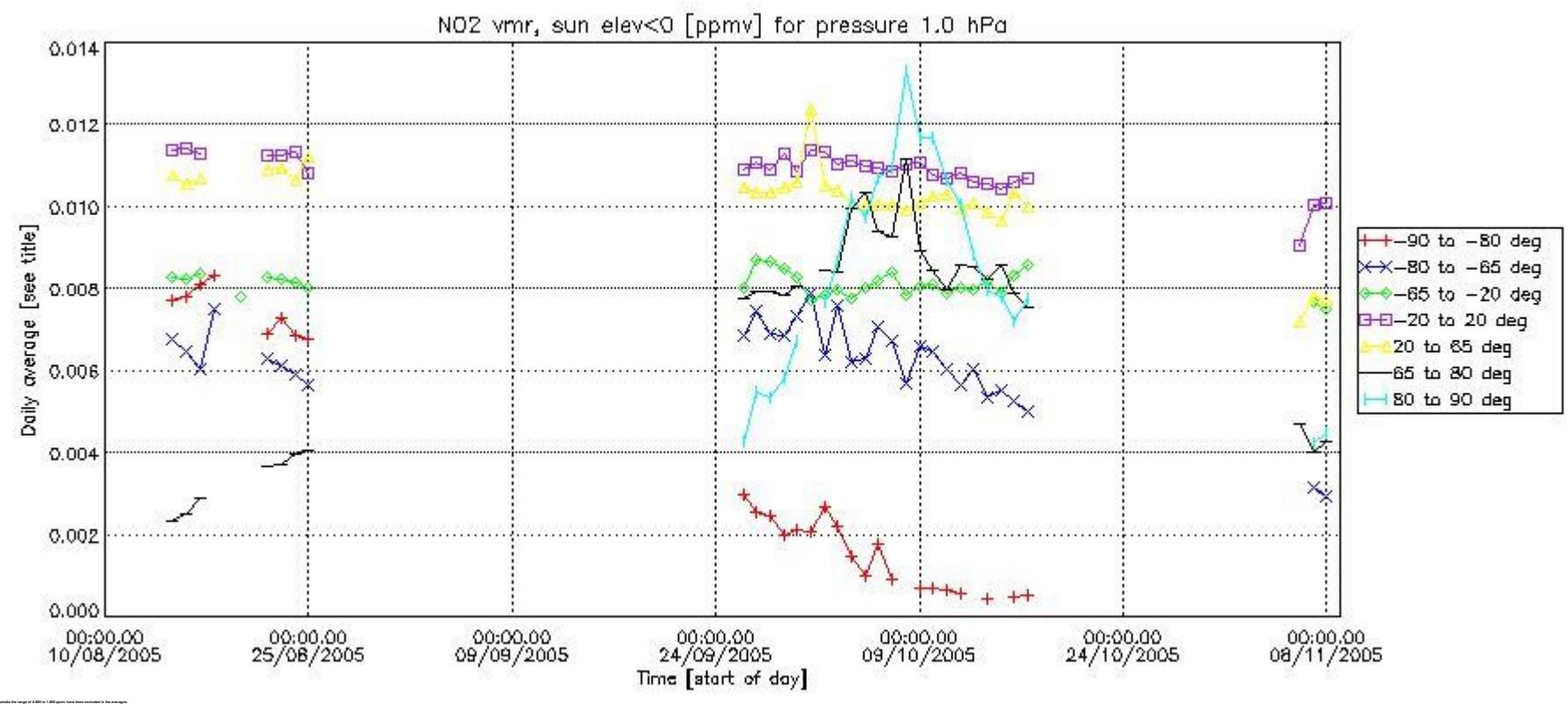
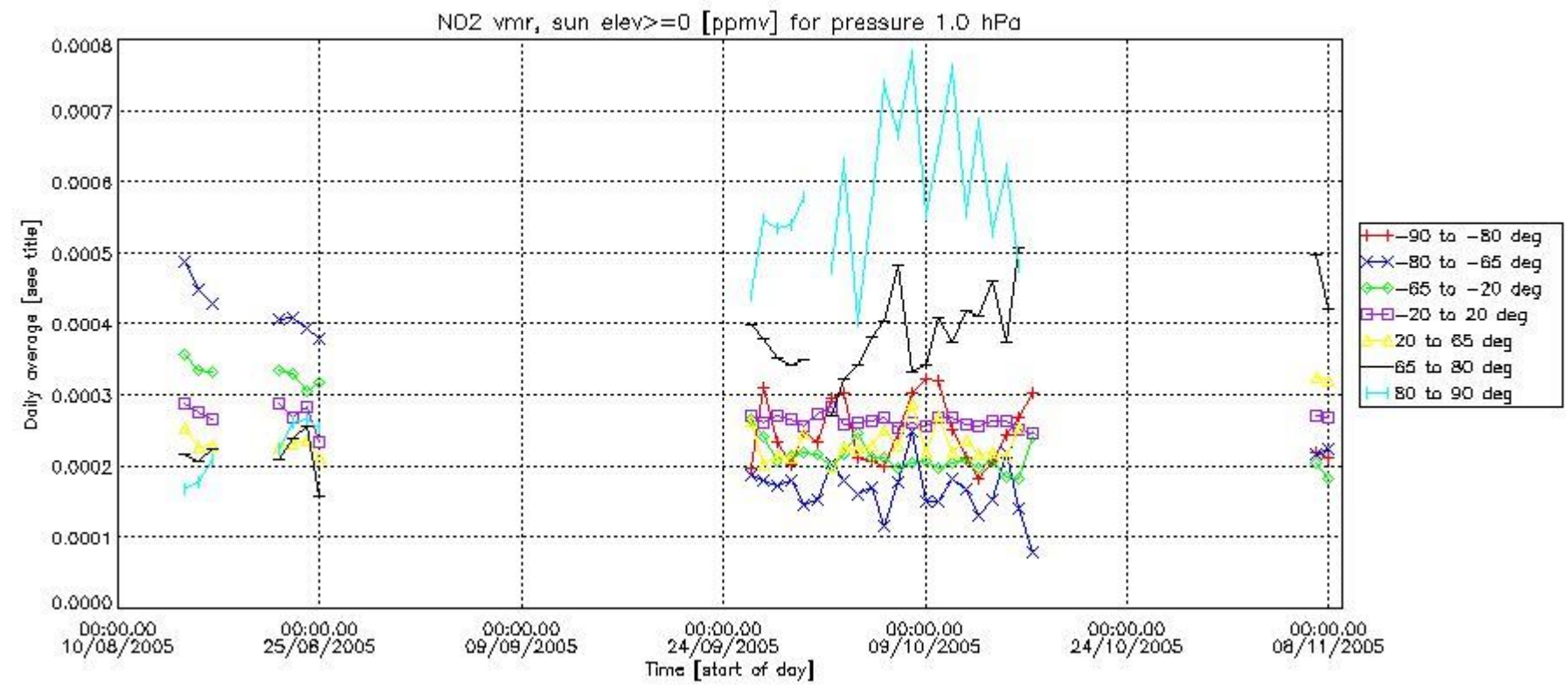


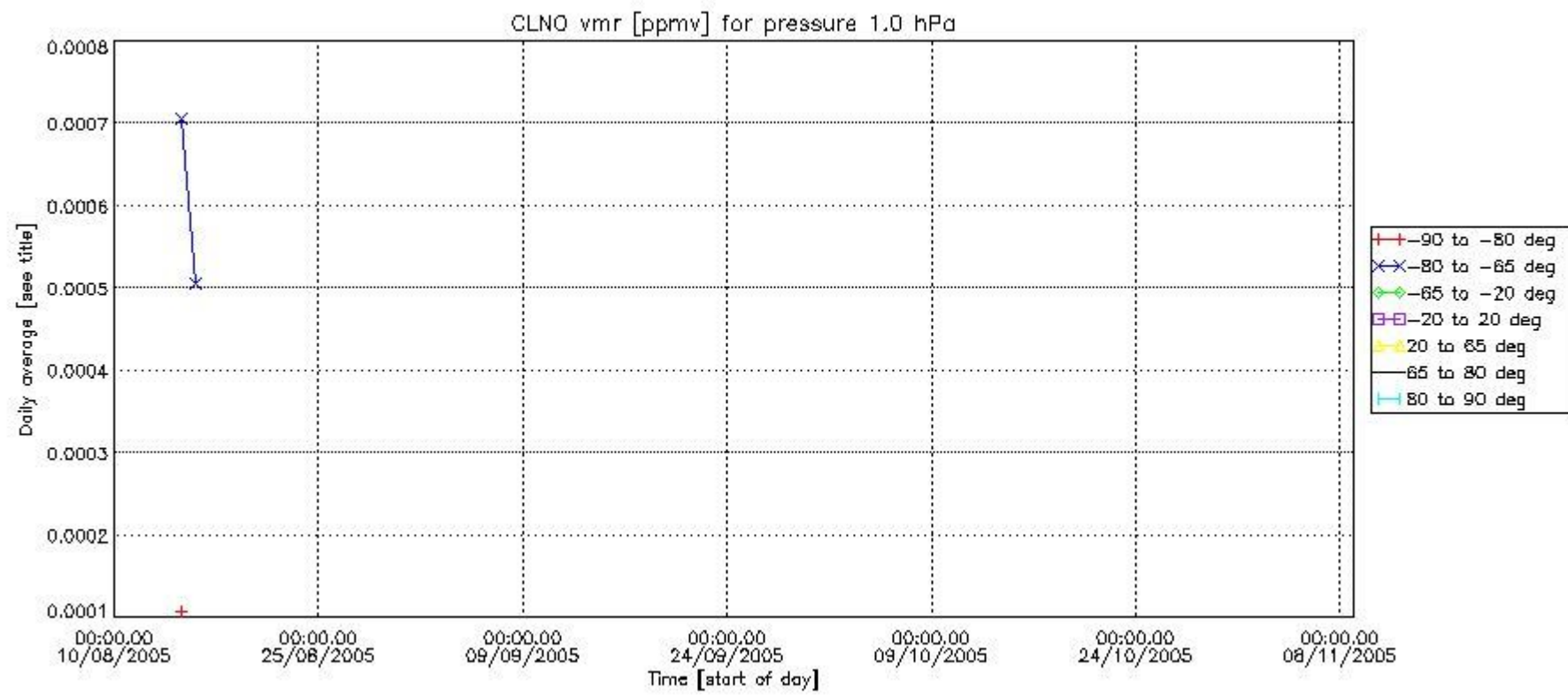
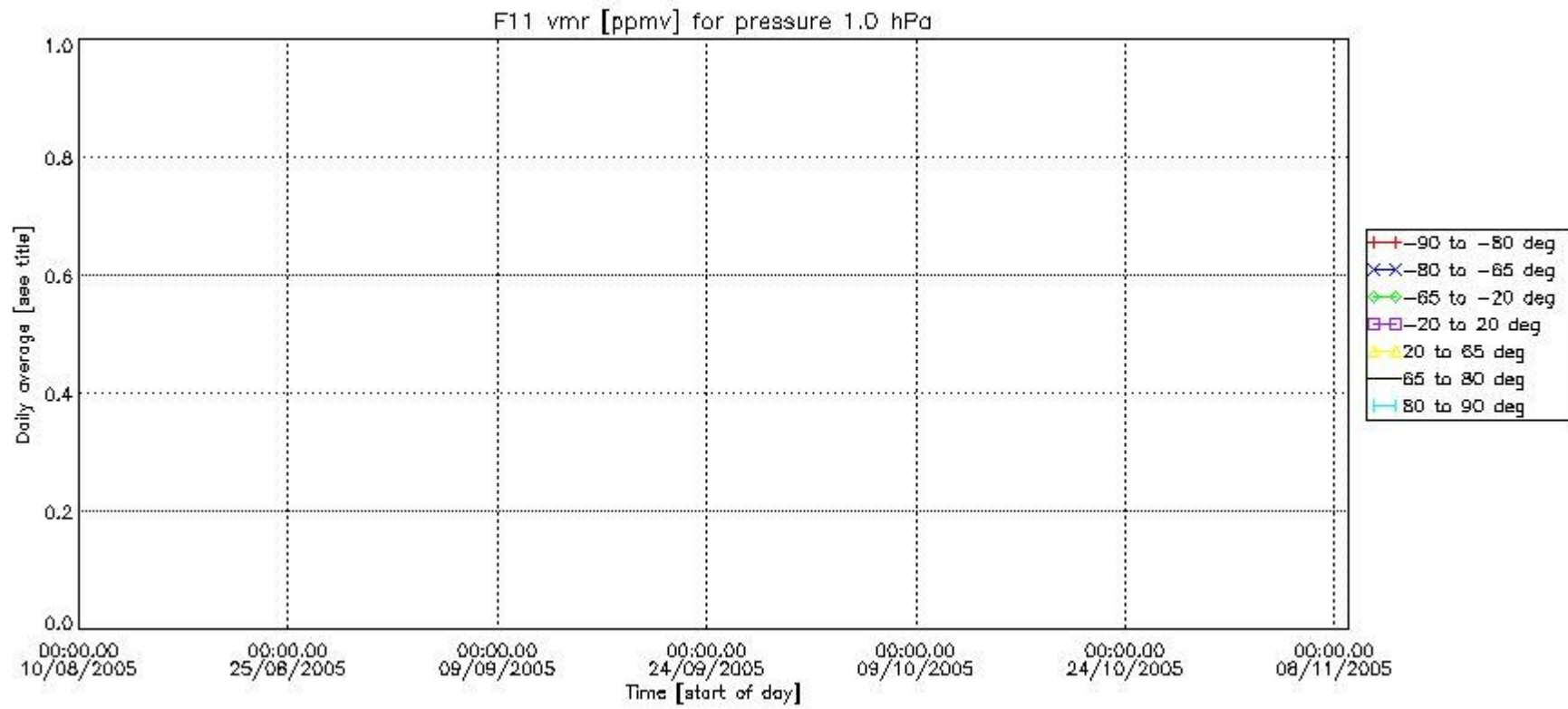


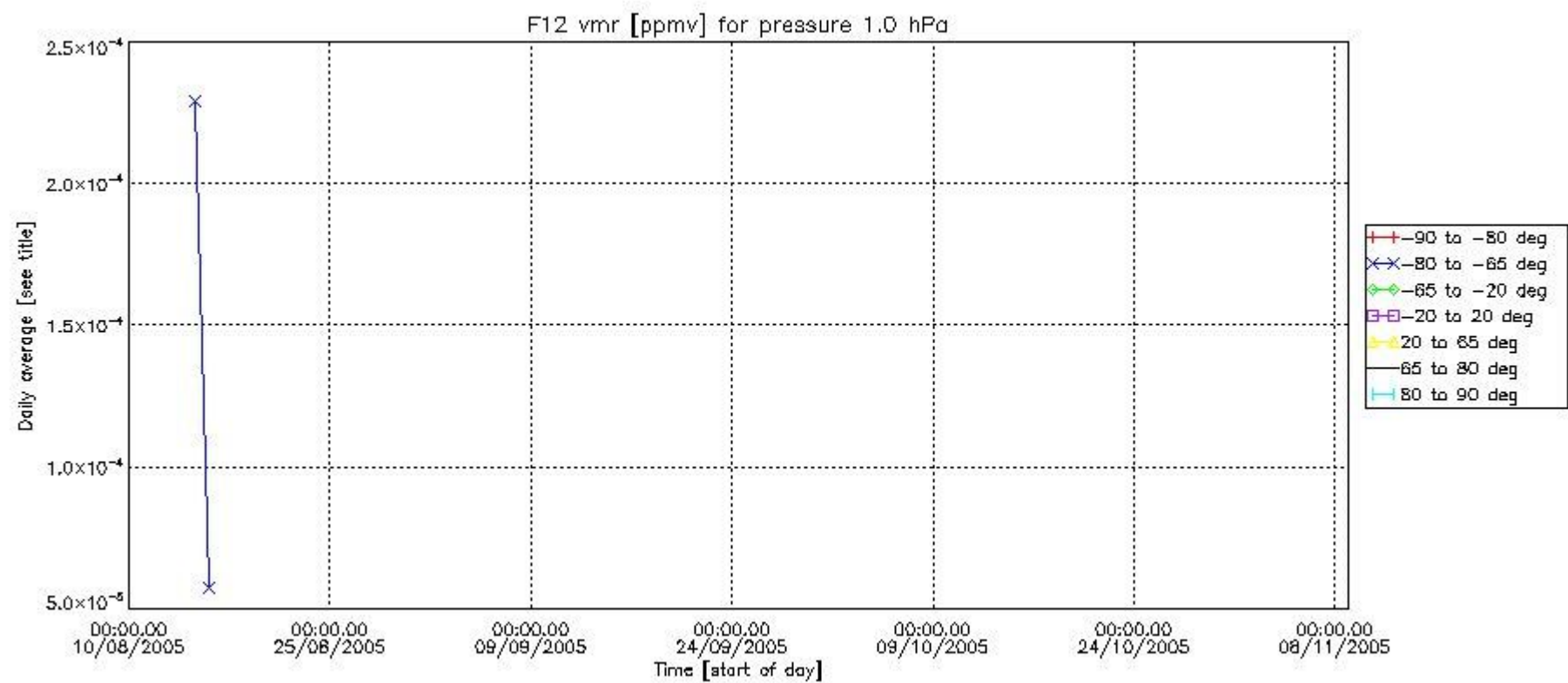
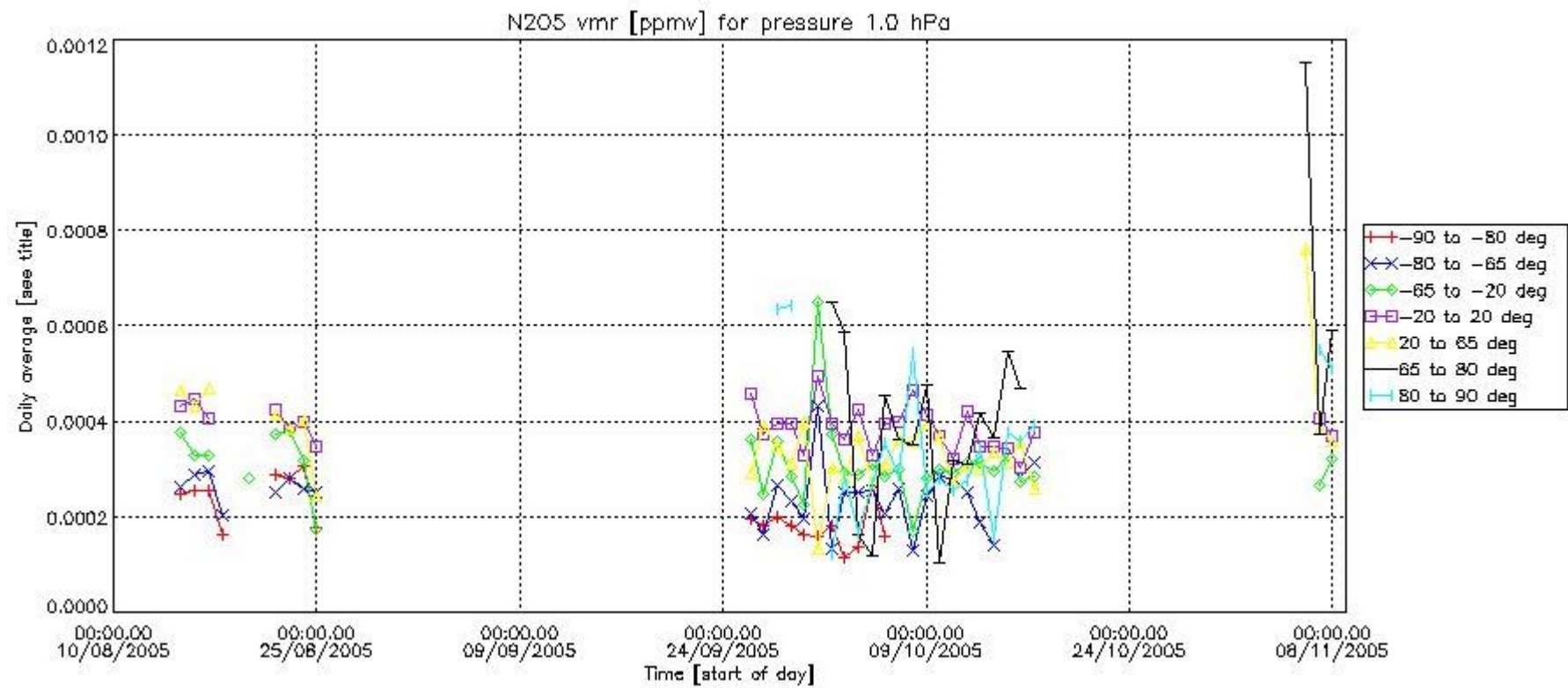


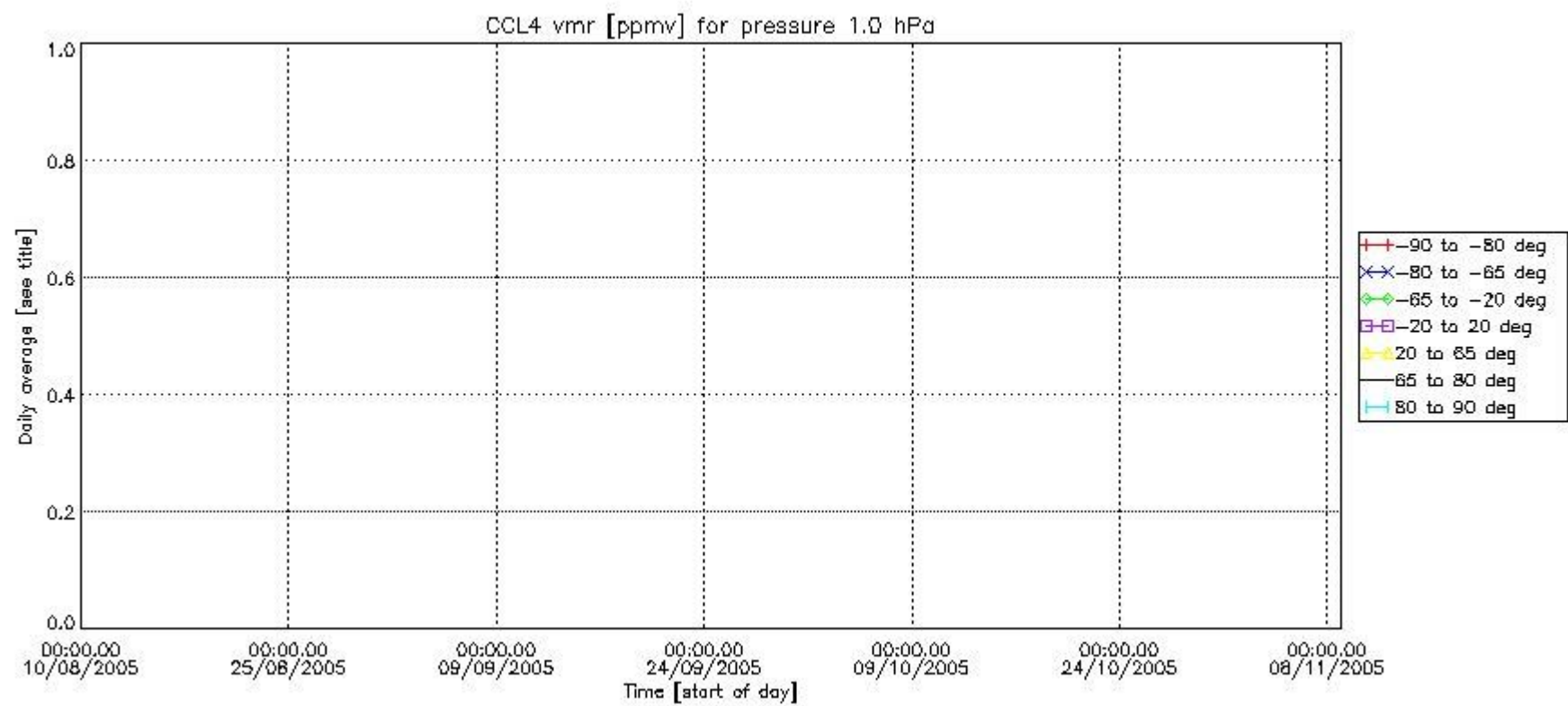
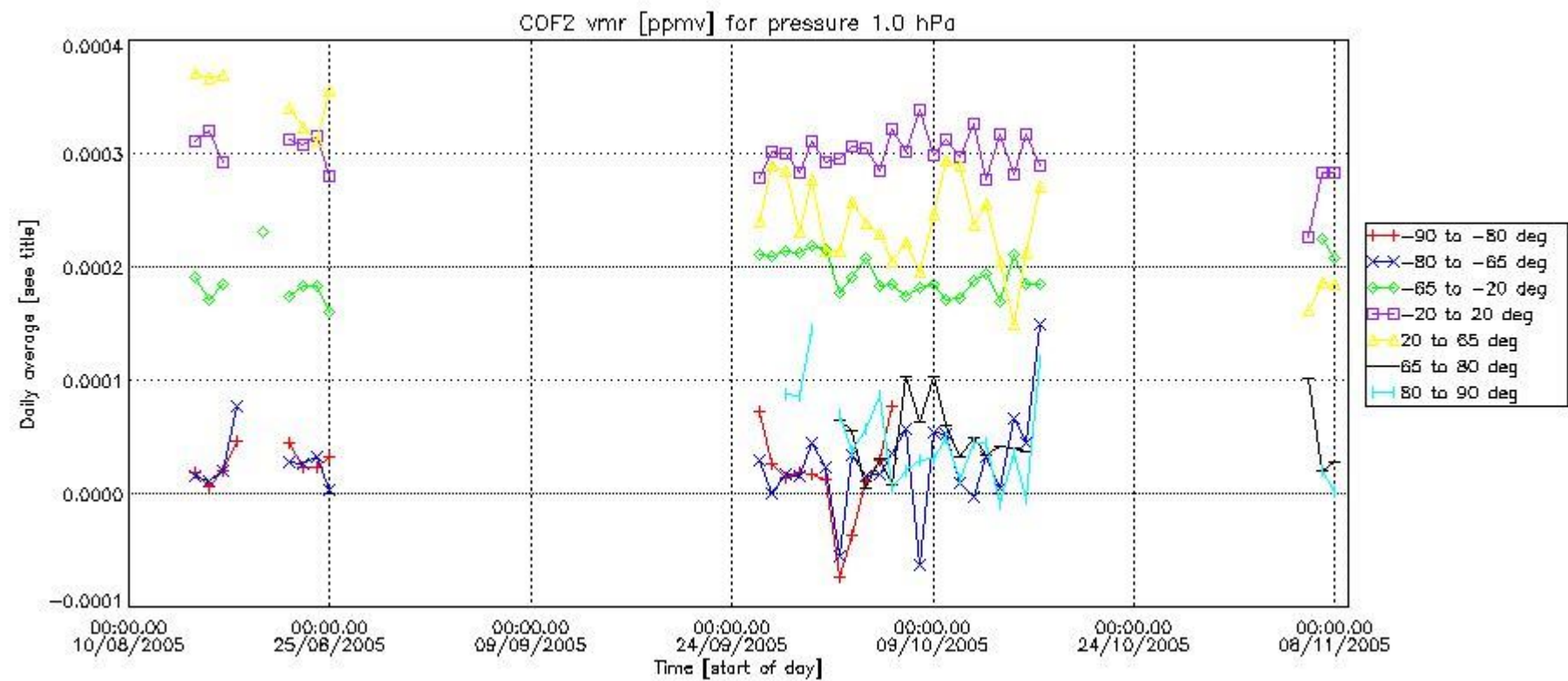


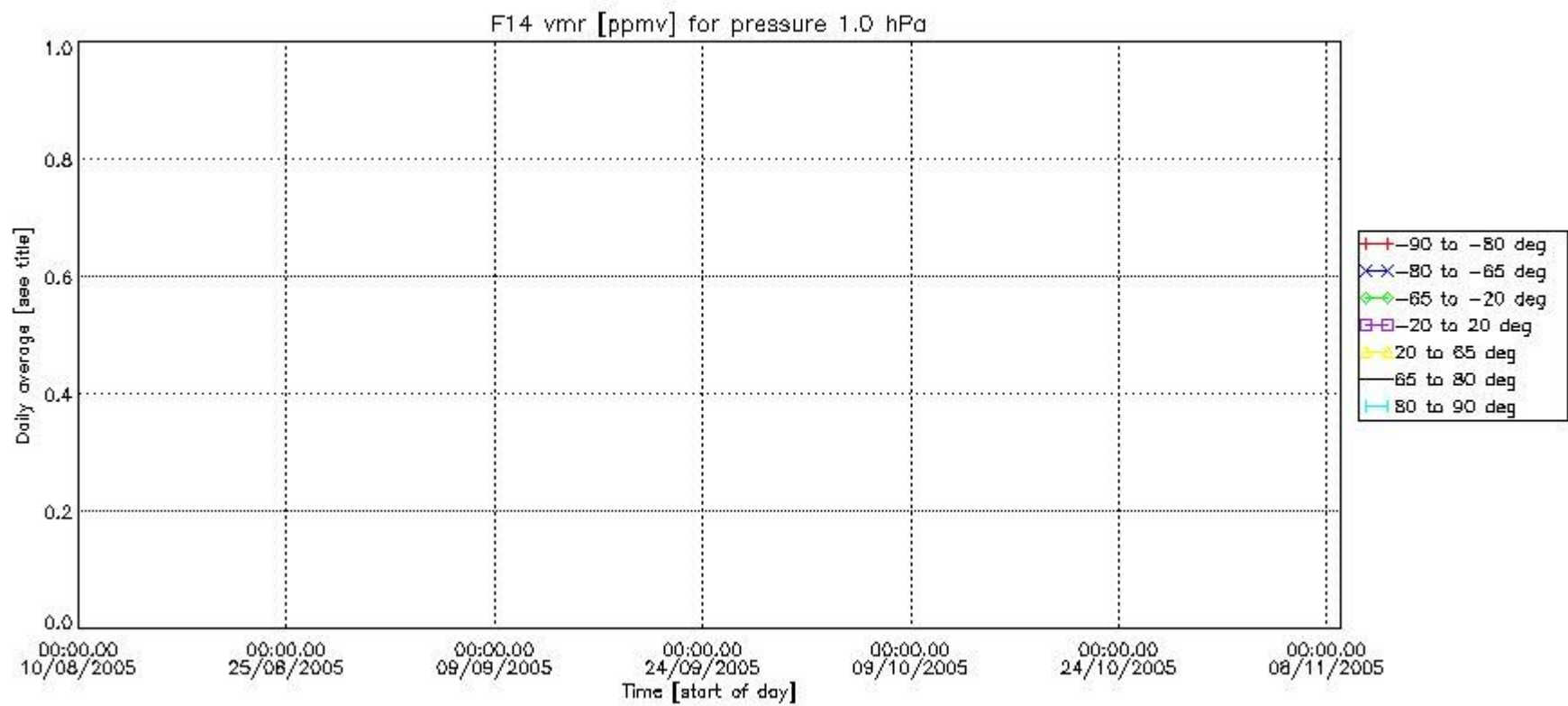
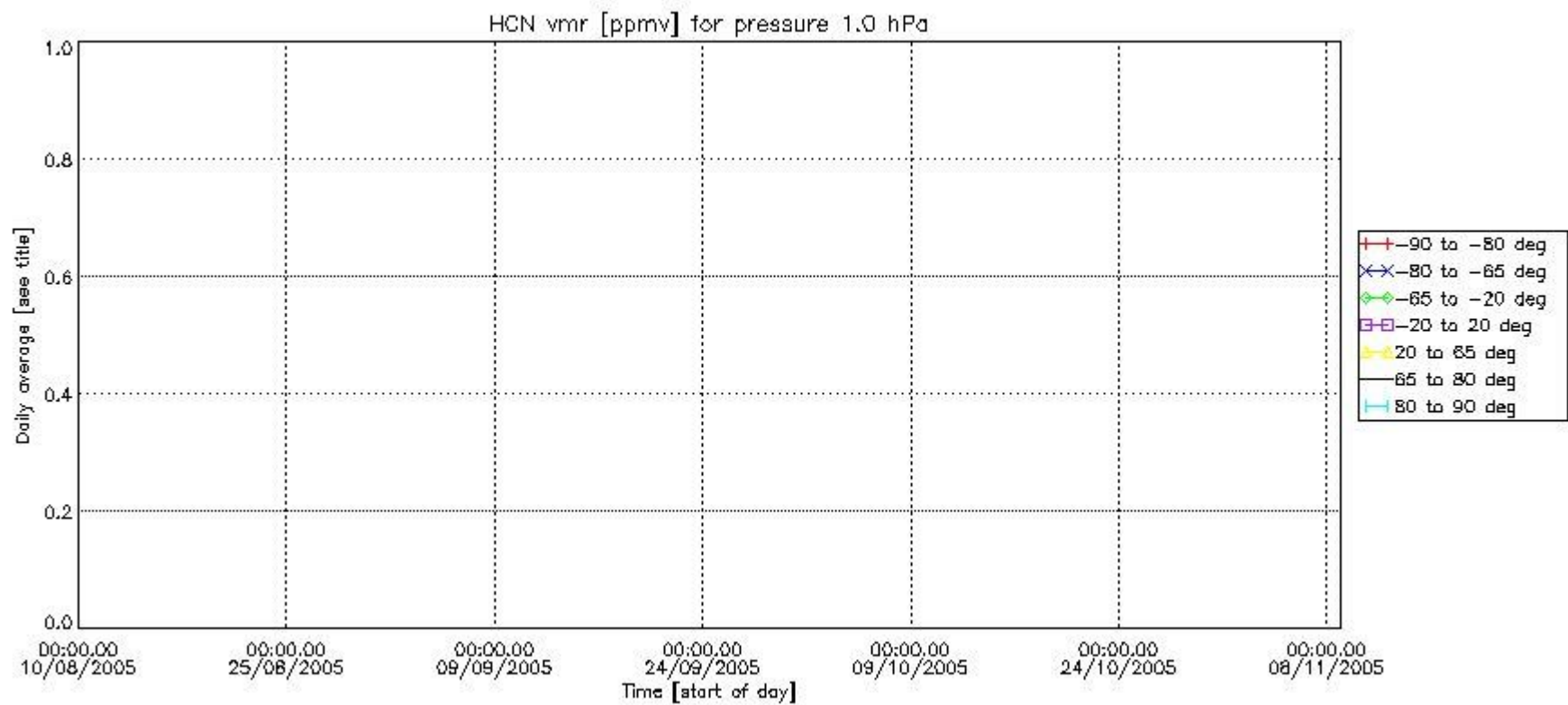


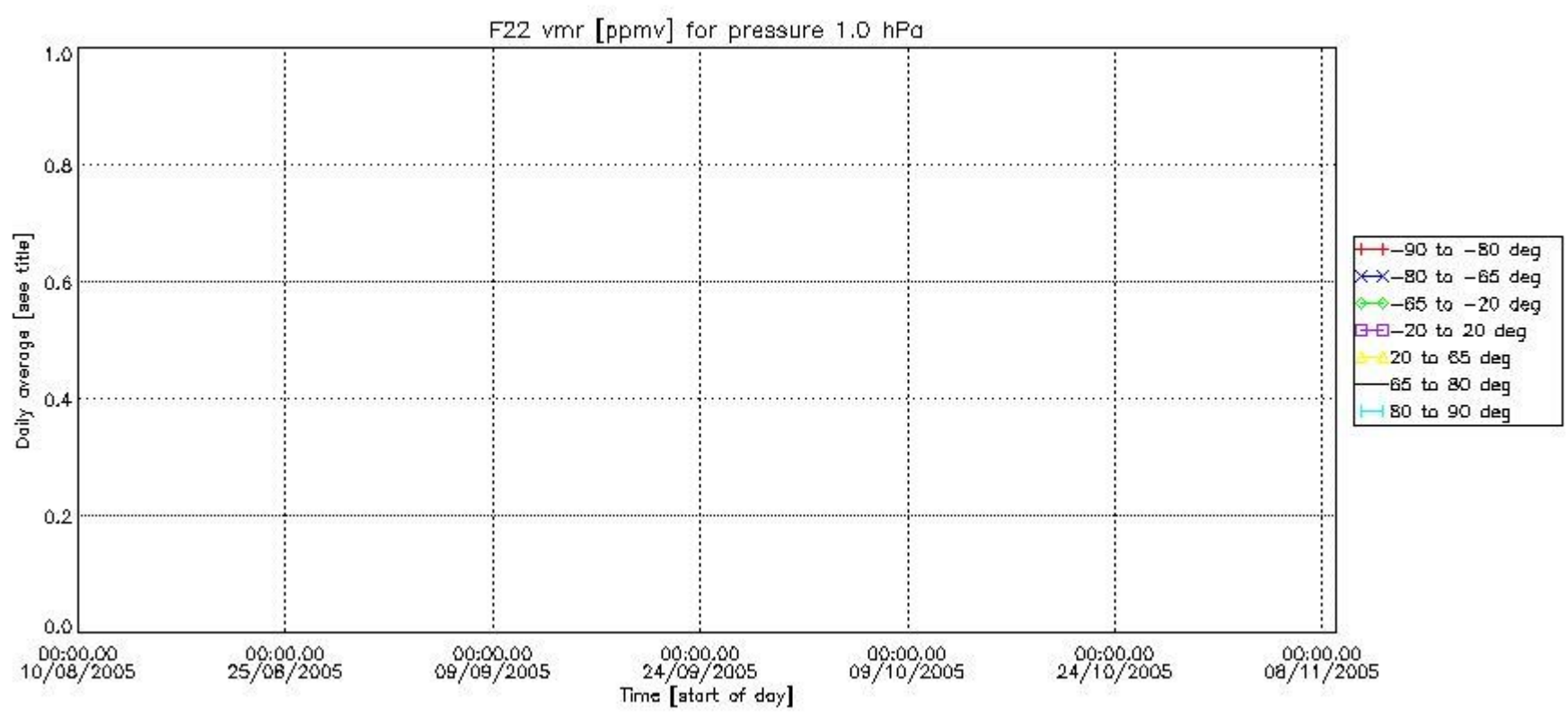












Number of successful retrievals vs. geolocation (*=day side , triangle=night side).

