

2. MIPAS Daily Report for level 2 products summary report

(See [mipas_daily_report_level2_ML2PP_7_03_W_20050405.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 10:09:09
Data source version	ML2PP/7.03-W
Processing scope for products	05APR2005 00:00:00 to 06APR2005 00:00:00
Start time of first product within scope	04APR2005 23:20:34
Stop time of last product within scope	06APR2005 00:29:26
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.

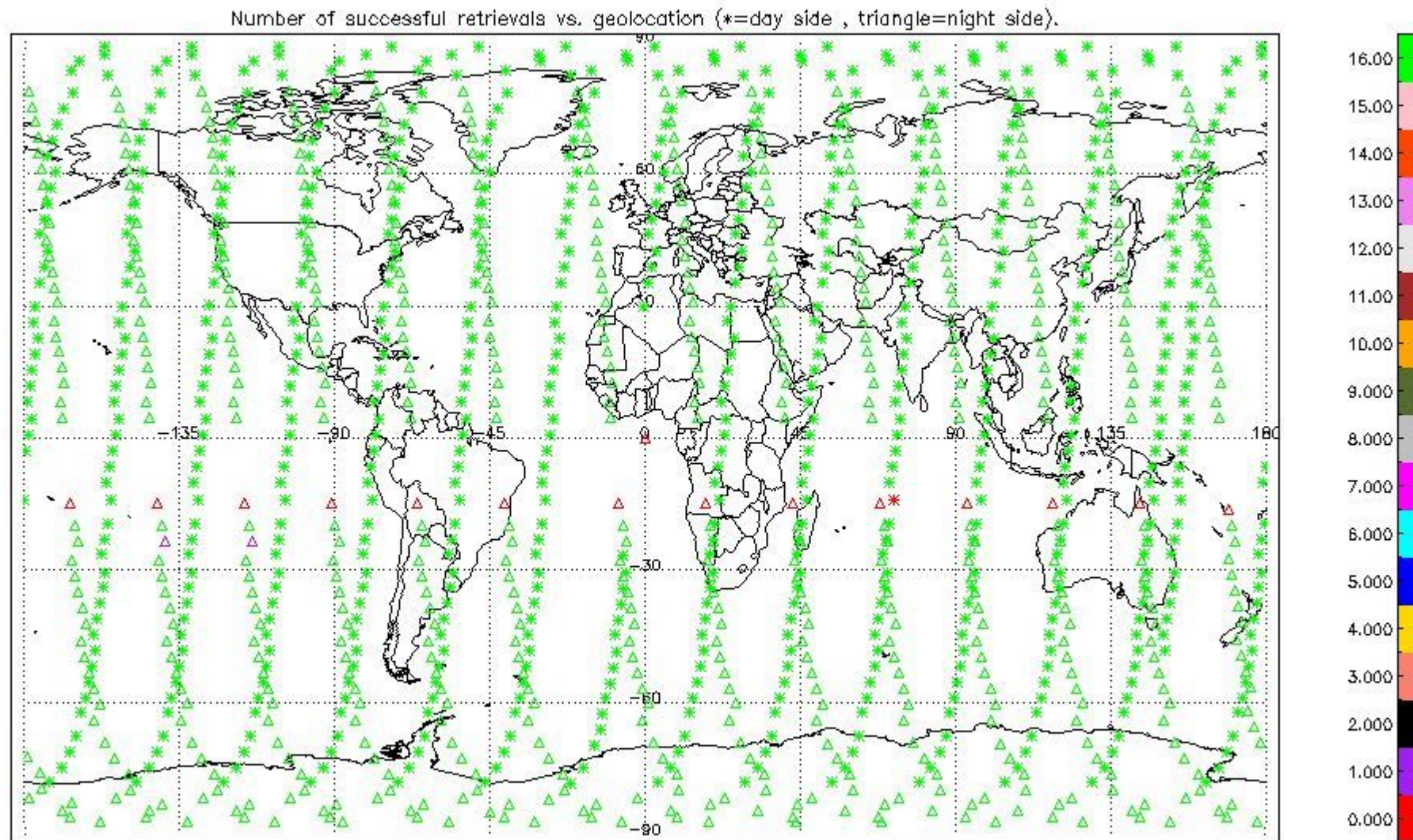
#	Product name	Start time	Stop time	Prod err	Number of scans (tot/proc)	Quality summary warnings
0	MIP_NL__2PWDSI20050404_232034_000060292036_00102_16188_1000.N1	04APR2005 23:20:34	05APR2005 01:01:03	0	93/93	VMR_TERM_MACRO_MICRO[O3/micro:1]
1	MIP_NL__2PWDSI20050405_010109_000060302036_00103_16189_1000.N1	05APR2005 01:01:09	05APR2005 02:41:39	0	93/93	VMR_TERM_MACRO_MICRO[F14/micro:1]
2	MIP_NL__2PWDSI20050405_024145_000060302036_00104_16190_1000.N1	05APR2005 02:41:45	05APR2005 04:22:15	0	93/93	
3	MIP_NL__2PWDSI20050405_042221_000060302036_00105_16191_1000.N1	05APR2005 04:22:21	05APR2005 06:02:51	0	93/93	
4	MIP_NL__2PWDSI20050405_060257_000060302036_00106_16192_1000.N1	05APR2005 06:02:57	05APR2005 07:43:27	0	93/93	P_T_TERM_MACRO_MICRO[micro:1]
5	MIP_NL__2PWDSI20050405_074333_000060302036_00107_16193_1000.N1	05APR2005 07:43:33	05APR2005 09:24:03	0	93/93	P_T_TERM_MACRO_MICRO[micro:1]
6	MIP_NL__2PWDSI20050405_092409_000060352036_00108_16194_1000.N1	05APR2005 09:24:09	05APR2005 11:04:44	0	79/79	VMR_TERM_MACRO_MICRO[F14/macro:1; O3/micro:1]
7	MIP_NL__2PWDSI20050405_110450_000060252036_00109_16195_1000.N1	05APR2005 11:04:50	05APR2005 12:45:15	0	93/93	VMR_TERM_MACRO_MICRO[HCN/macro:1; HCN/micro:1]
8	MIP_NL__2PWDSI20050405_124521_000060302036_00110_16196_1000.N1	05APR2005 12:45:21	05APR2005 14:25:51	0	93/93	VMR_TERM_MACRO_MICRO[F14/micro:1]
9	MIP_NL__2PWDSI20050405_142557_000060302036_00111_16197_1000.N1	05APR2005 14:25:57	05APR2005 16:06:26	0	93/93	VMR_TERM_MACRO_MICRO[F14/macro:1; HCN/micro:2]
10	MIP_NL__2PWDSI20050405_160633_000060302036_00112_16198_1000.N1	05APR2005 16:06:33	05APR2005 17:47:03	0	93/93	VMR_TERM_MACRO_MICRO[HCN/micro:2]
11	MIP_NL__2PWDSI20050405_174709_000060302036_00113_16199_1000.N1	05APR2005 17:47:09	05APR2005 19:27:38	0	93/93	VMR_TERM_MACRO_MICRO[F14/macro:1; F14/micro:1]
12	MIP_NL__2PWDSI20050405_192745_000060302036_00114_16200_1000.N1	05APR2005 19:27:45	05APR2005 21:08:15	0	93/93	VMR_TERM_MACRO_MICRO[F14/macro:1; HCN/micro:1]
13	MIP_NL__2PWDSI20050405_210821_000060302036_00115_16201_1000.N1	05APR2005 21:08:21	05APR2005 22:48:50	0	93/93	VMR_TERM_MACRO_MICRO[F14/macro:1]
14	MIP_NL__2PWDSI20050405_224857_000060302036_00116_16202_1000.N1	05APR2005 22:48:57	06APR2005 00:29:26	0	93/93	

2.2 Processing performance indicators

2.2.1 Successful retrievals

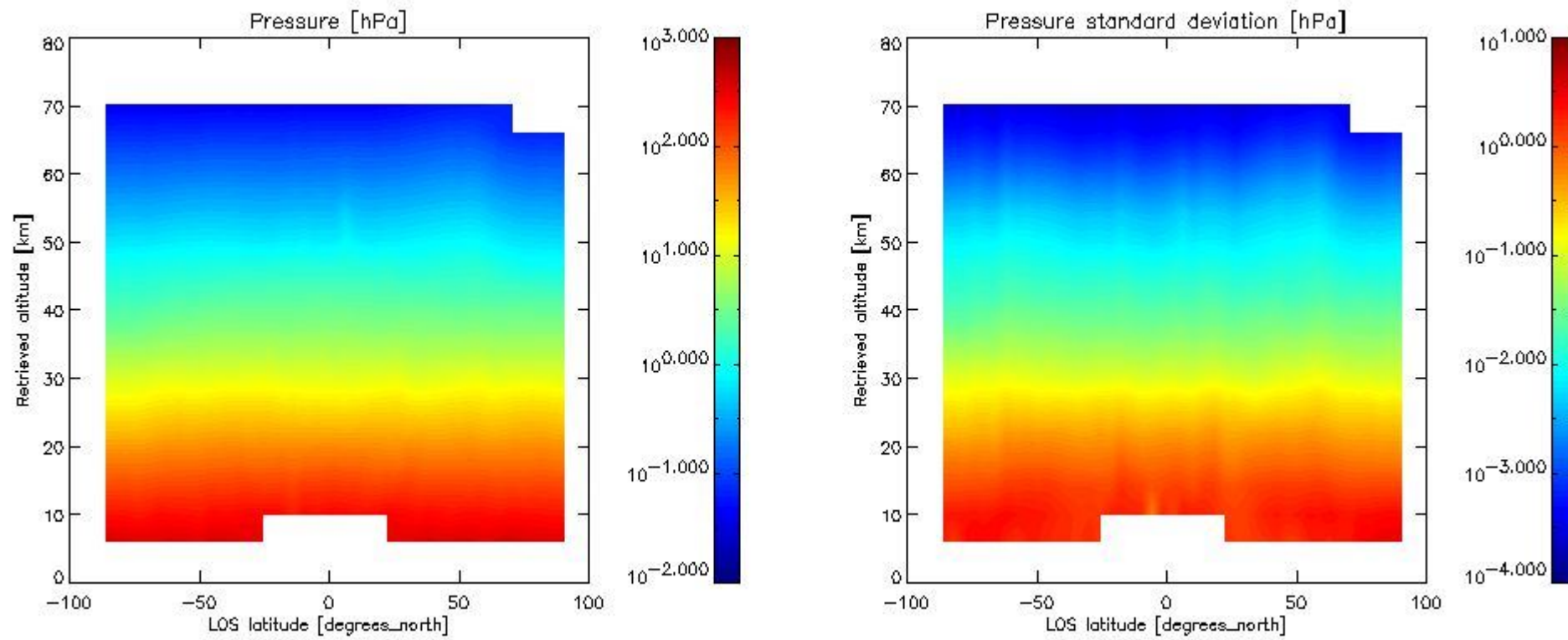
This section includes a table with statistics on the number of retrievals, as well as a worldmap plot that shows successful retrievals.

RETRIEVAL MDS	# scans processed	# Successful retrievals	%
PT	1381	1290	93.411
H2O	1381	1288	93.266
O3	1381	1288	93.266
HNO3	1381	1288	93.266
CH4	1381	1288	93.266
N2O	1381	1288	93.266
NO2	1381	1288	93.266
F11	1381	1288	93.266
CLNO	1381	1288	93.266
N2O5	1381	1288	93.266
F12	1381	1288	93.266
COF2	1381	1288	93.266
CCL4	1381	1288	93.266
HCN	1381	1288	93.266
F14	1381	1288	93.266
F22	1381	1288	93.266



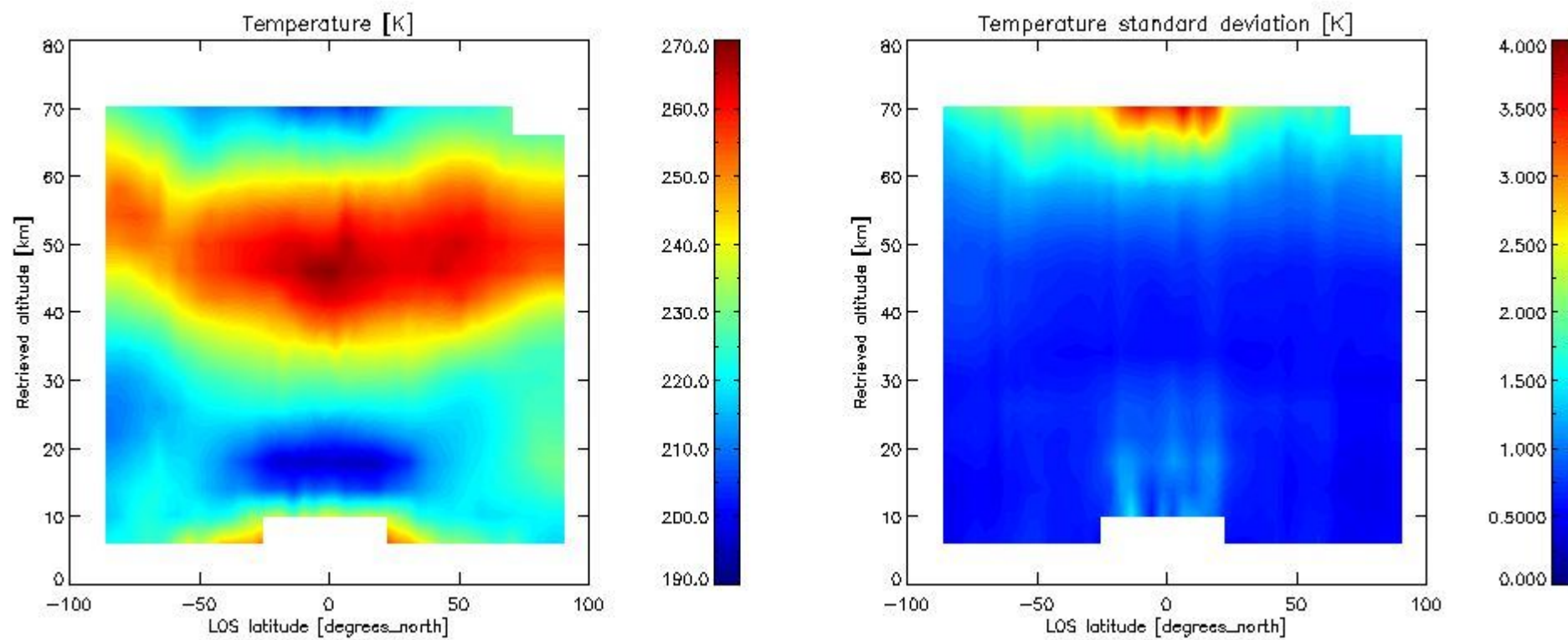
2.2.2 Pressure overview

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



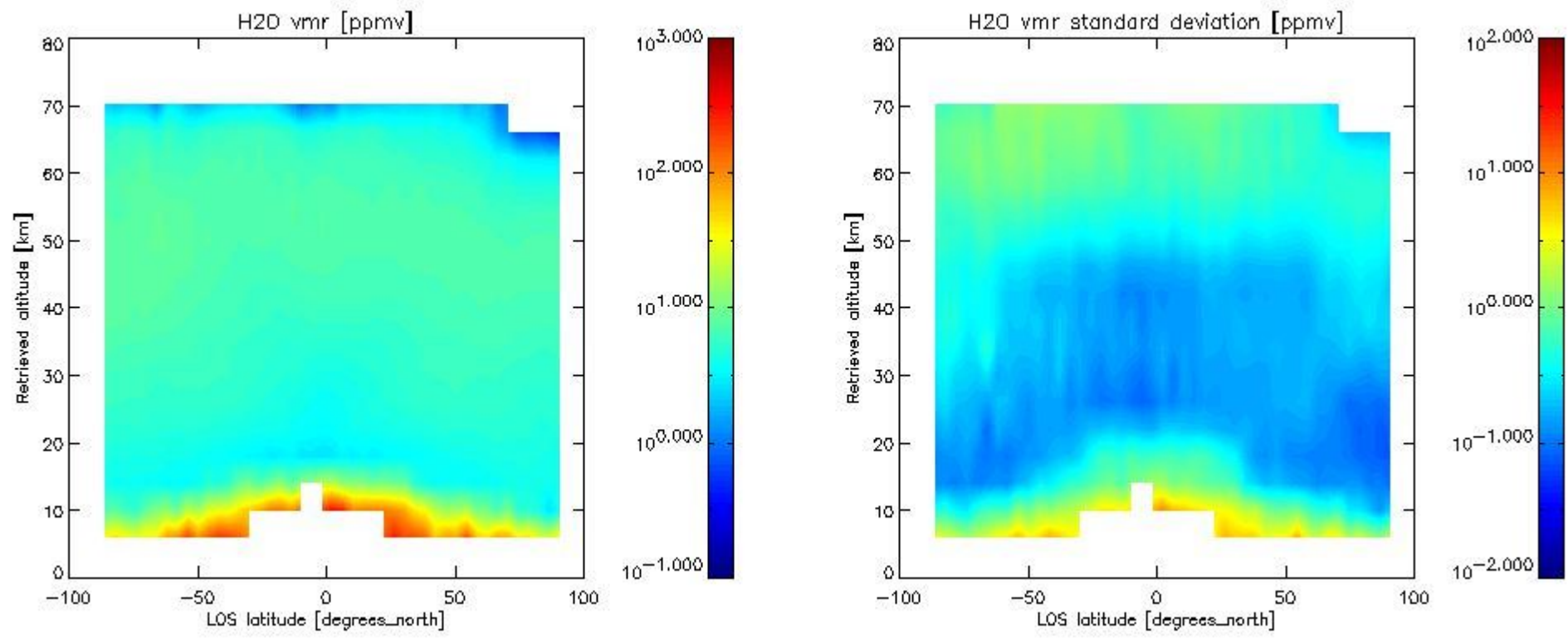
2.2.3 Temperature overview

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

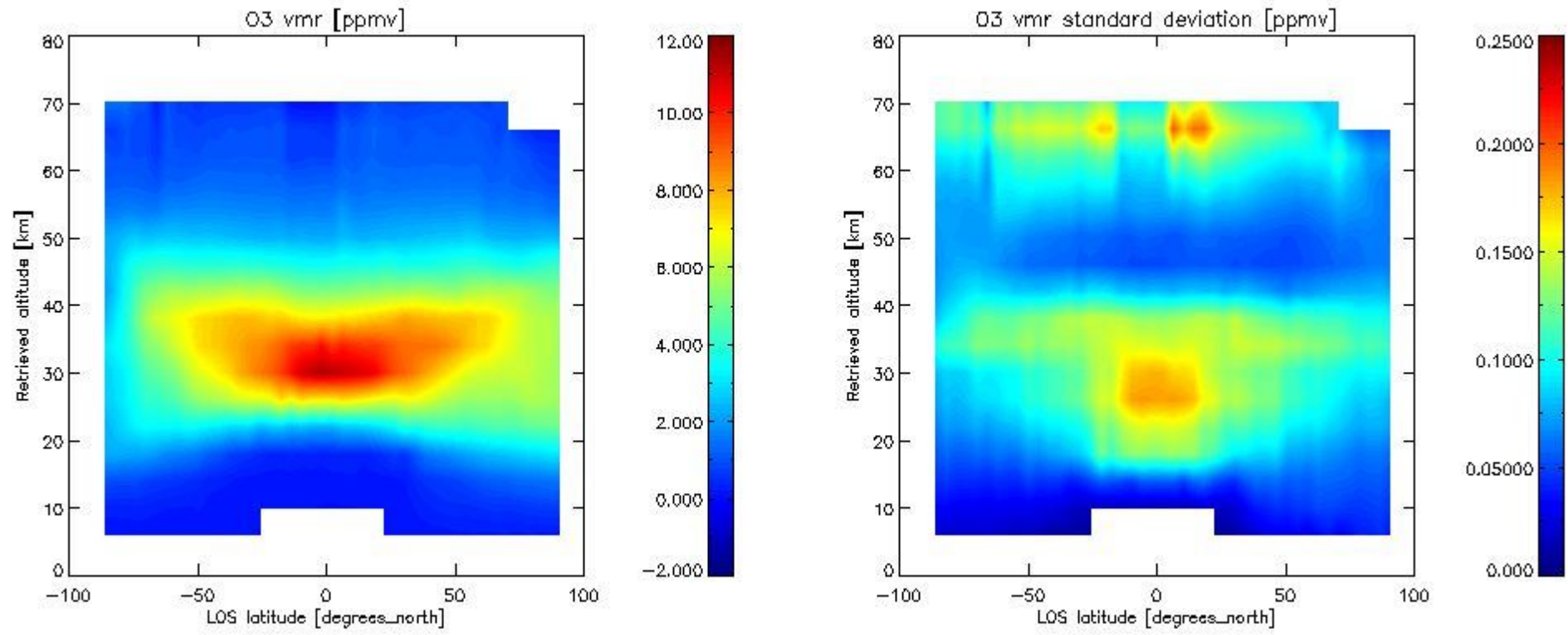


2.2.4 Species overview

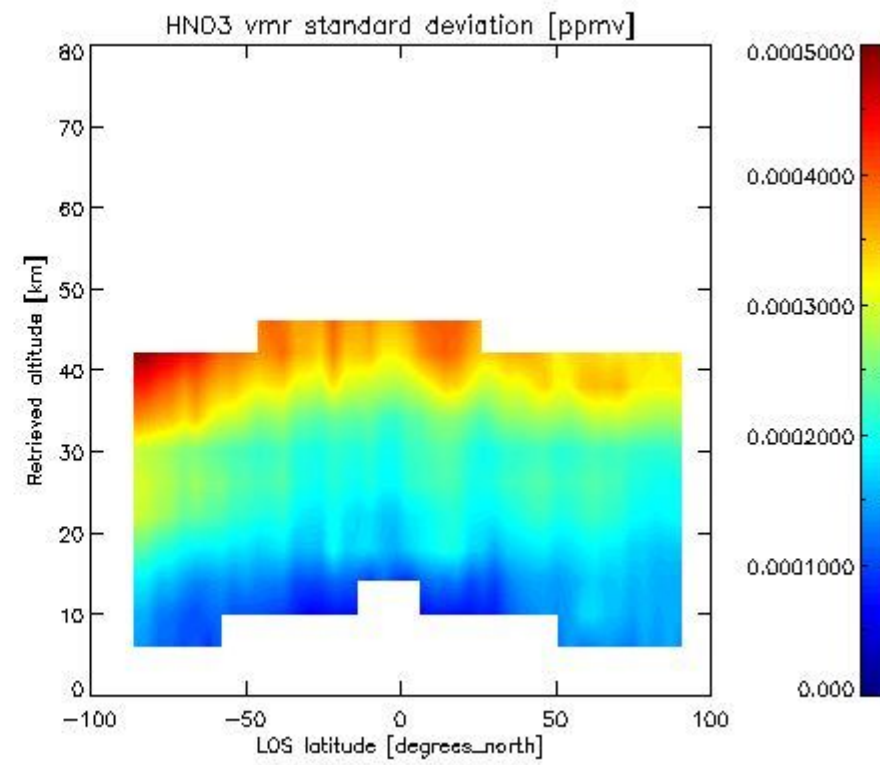
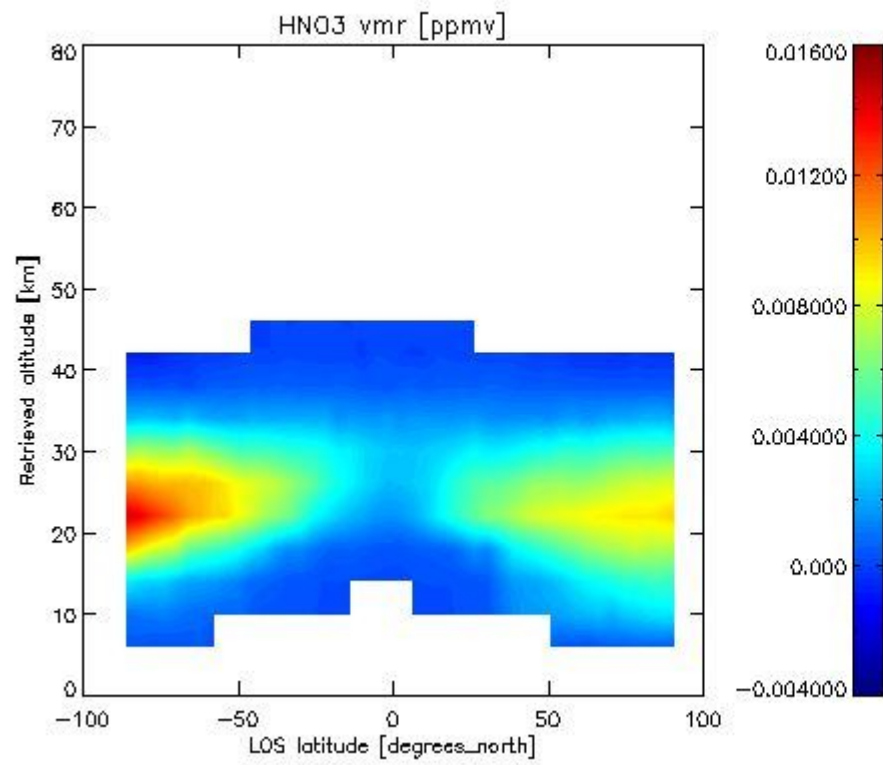
2.2.4.1 H2O overview This section shows values (left) and error (right) for H2O after binning individual sweep values over retrieved altitude and tangent latitude.



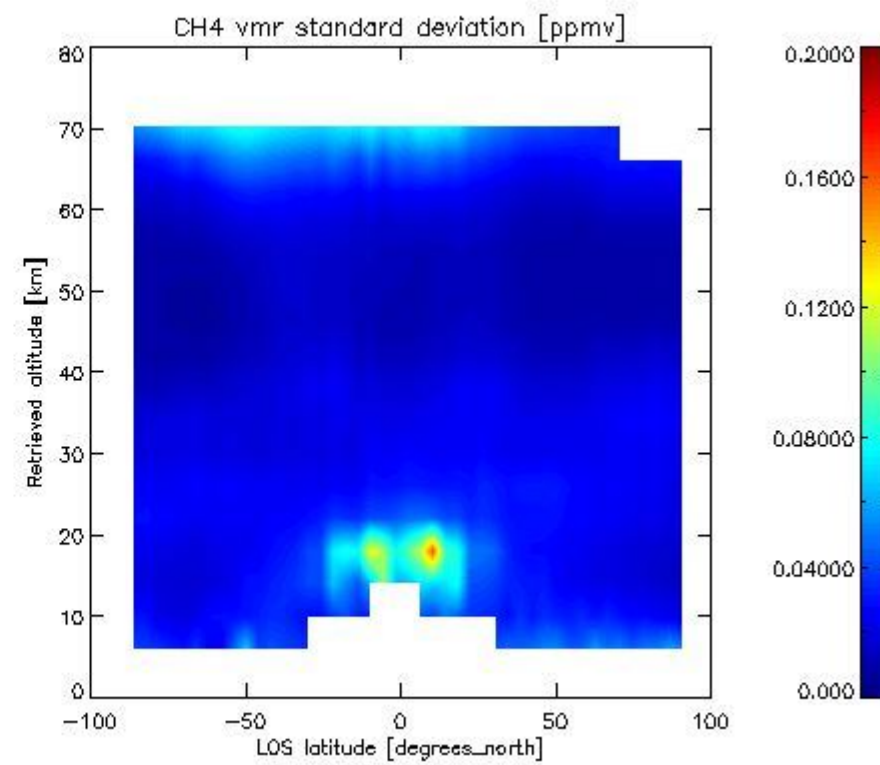
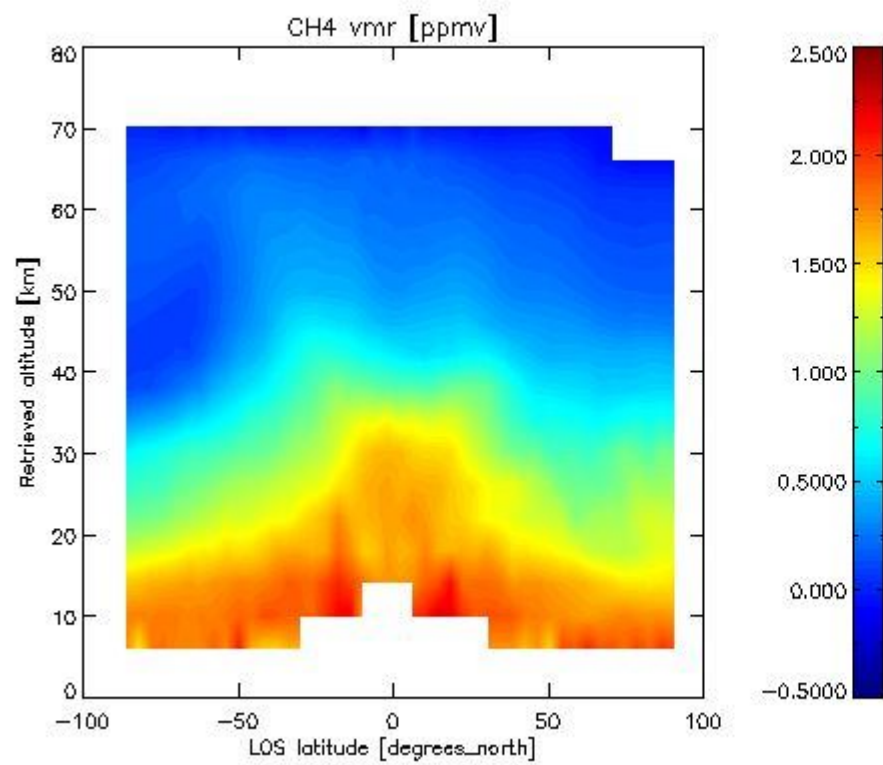
2.2.4.2 O3 overview This section shows values (left) and error (right) for O3 after binning individual sweep values over retrieved altitude and tangent latitude.



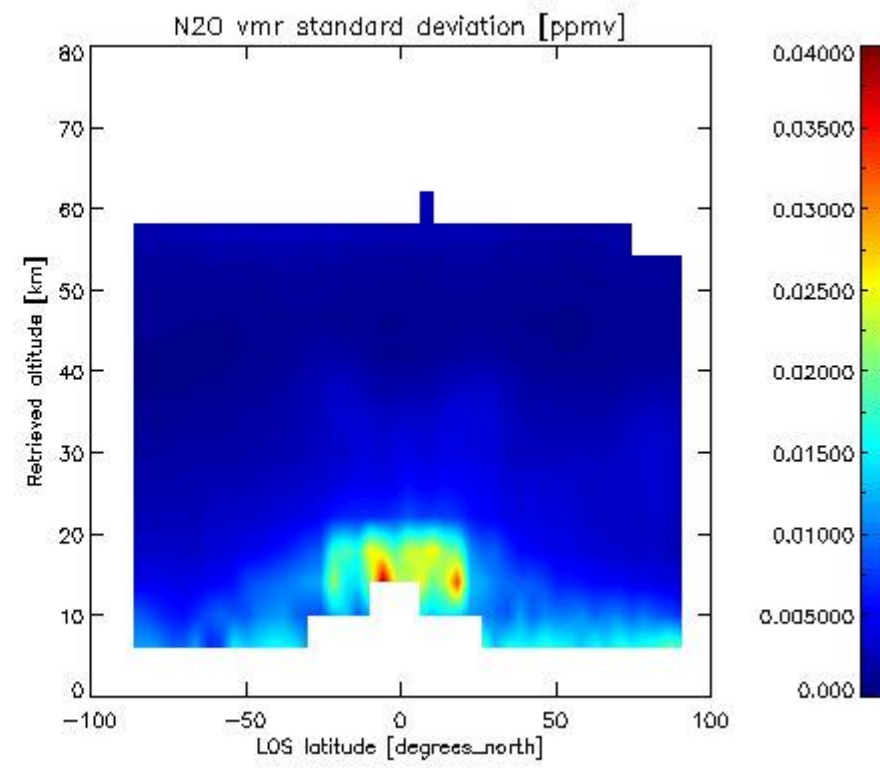
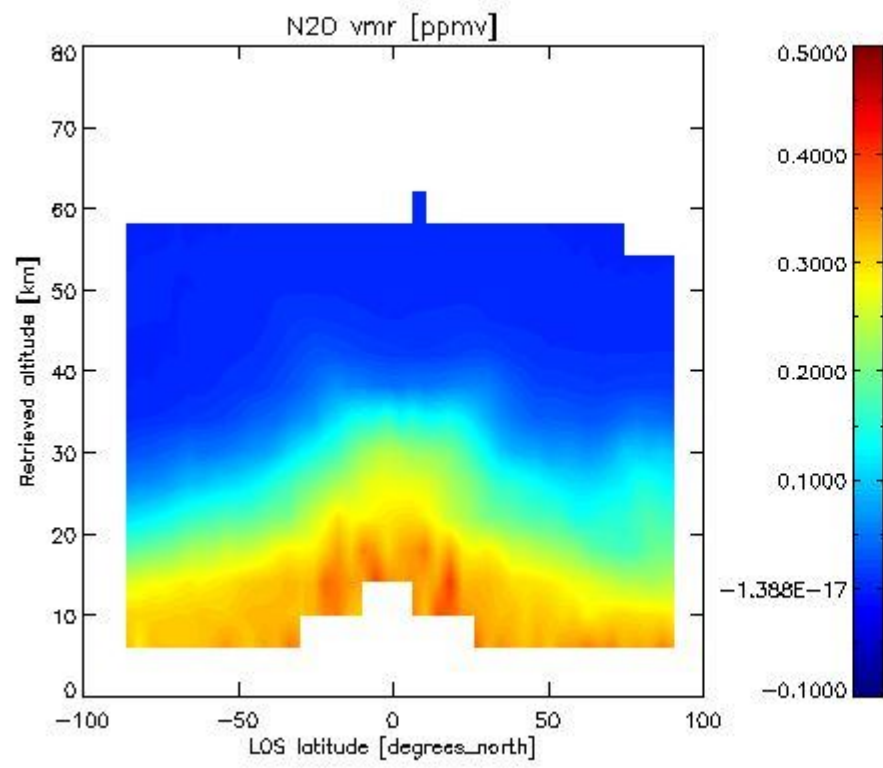
2.2.4.3 HNO3 overview This section shows values (left) and error (right) for HNO3 after binning individual sweep values over retrieved altitude and tangent latitude.



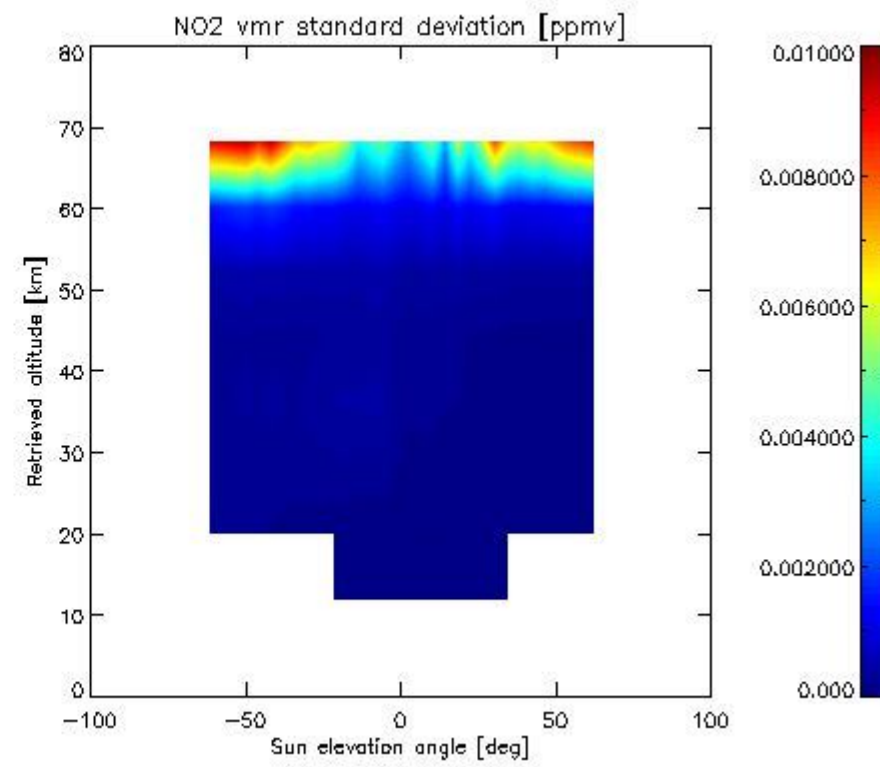
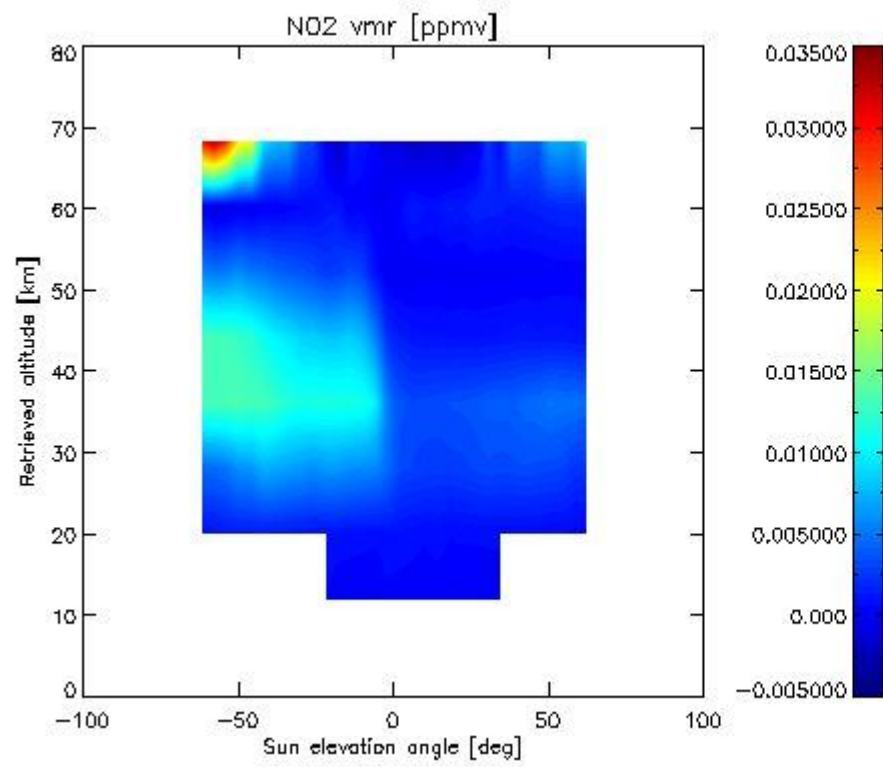
2.2.4.4 CH₄ overview This section shows values (left) and error (right) for CH₄ after binning individual sweep values over retrieved altitude and tangent latitude.



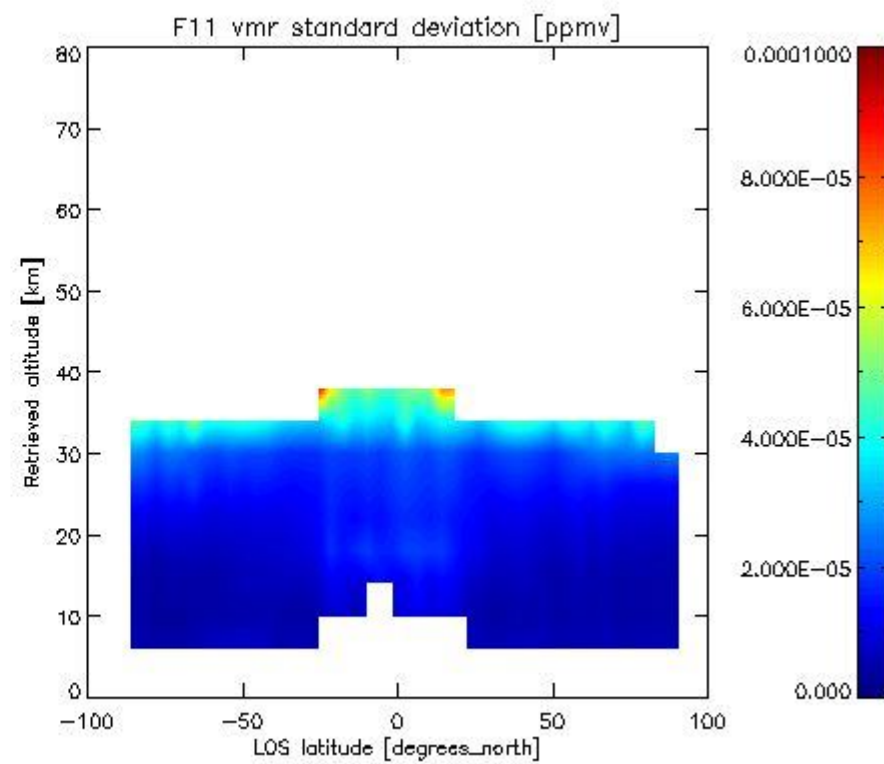
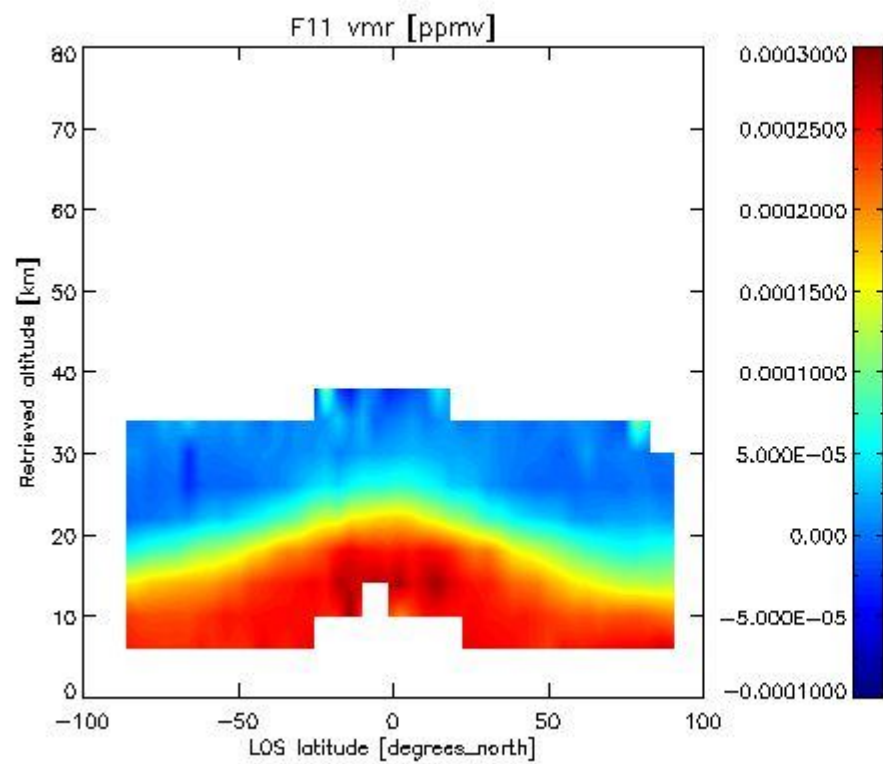
2.2.4.5 N₂O overview This section shows values (left) and error (right) for N₂O after binning individual sweep values over retrieved altitude and tangent latitude.



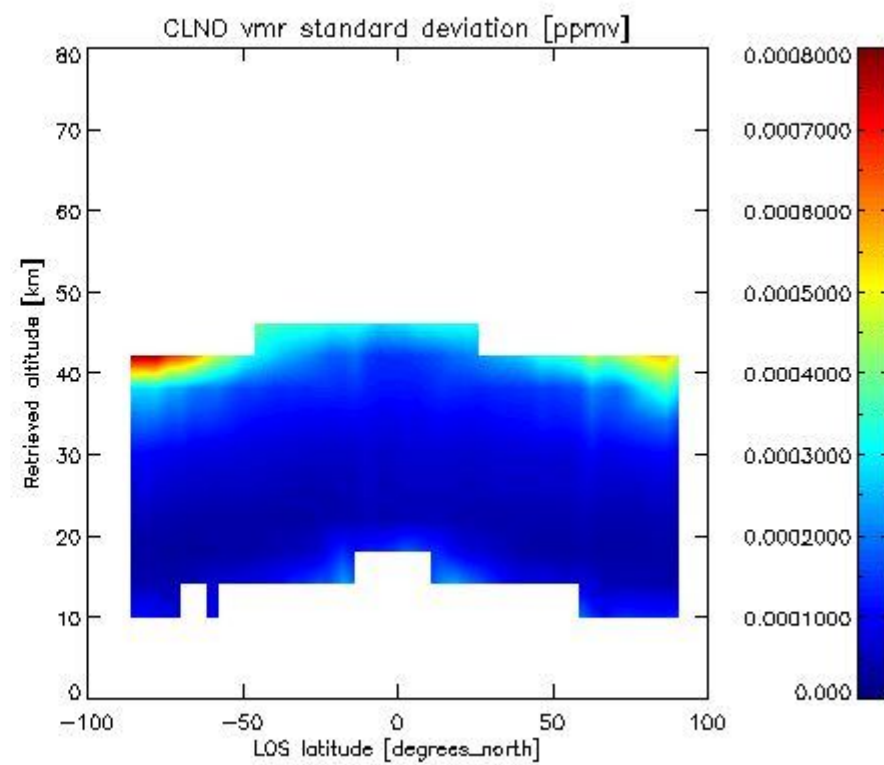
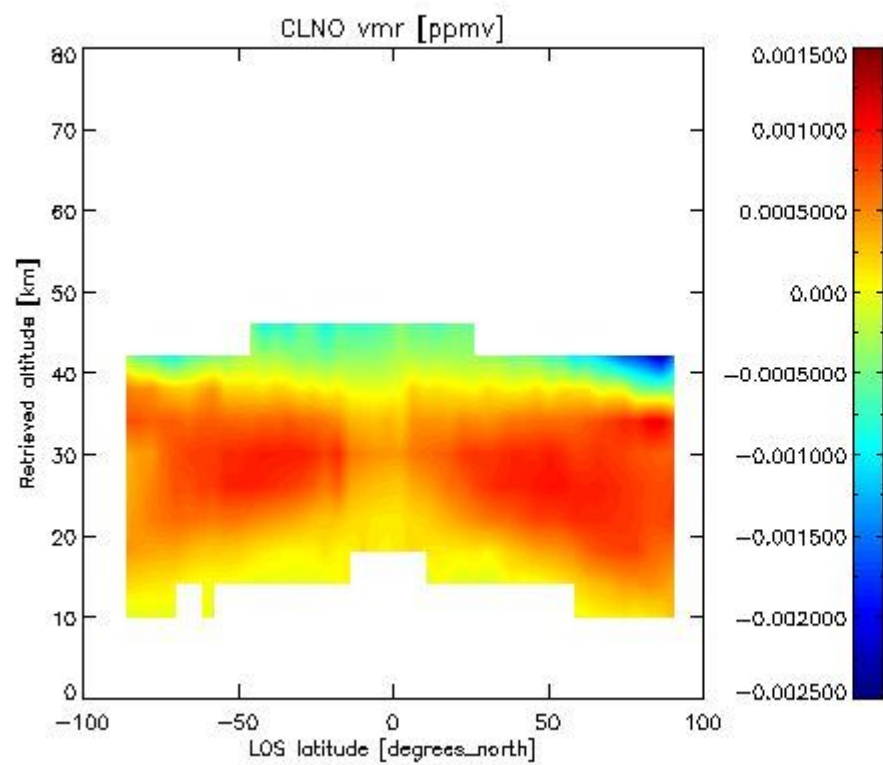
2.2.4.6 NO₂ overview This section shows values (left) and error (right) for NO₂ after binning individual sweep values over retrieved altitude and Sun Elevation Angle. Note that for NO₂ the bin heights are 6 km.

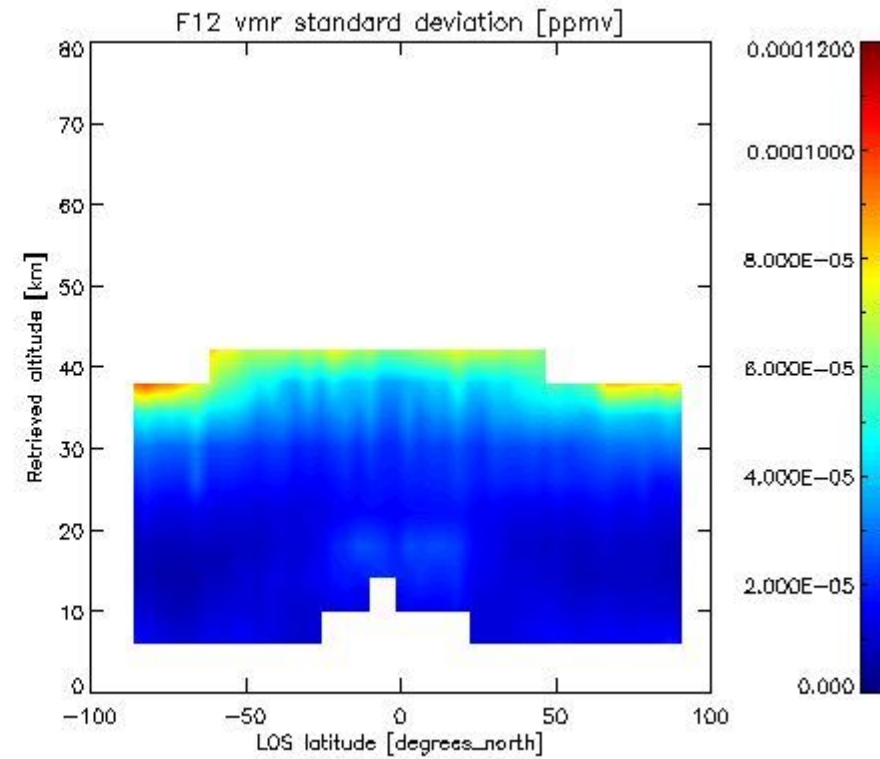
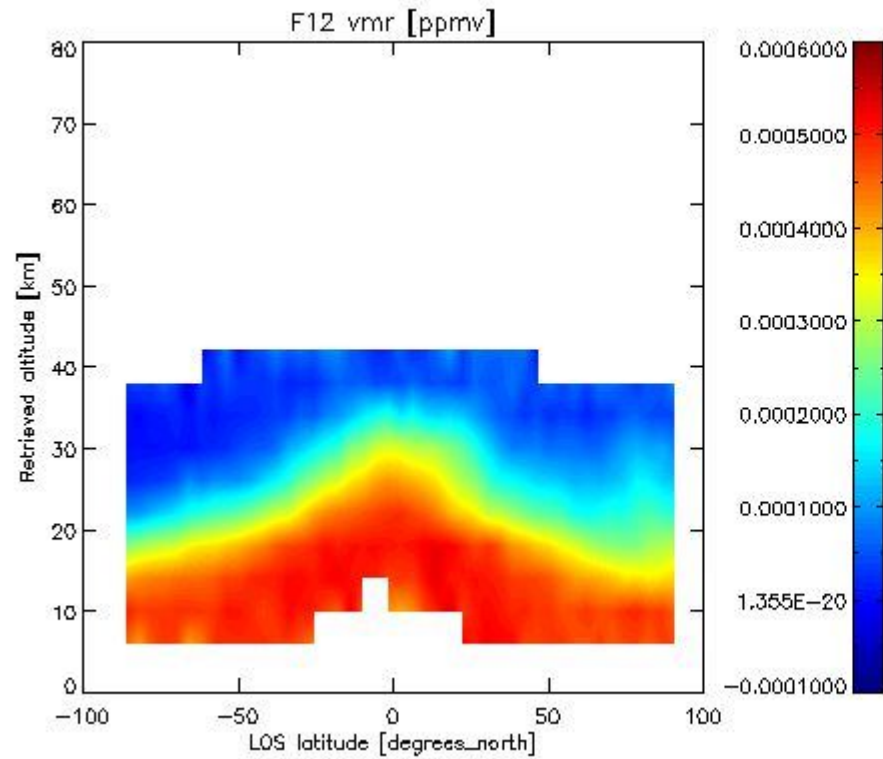
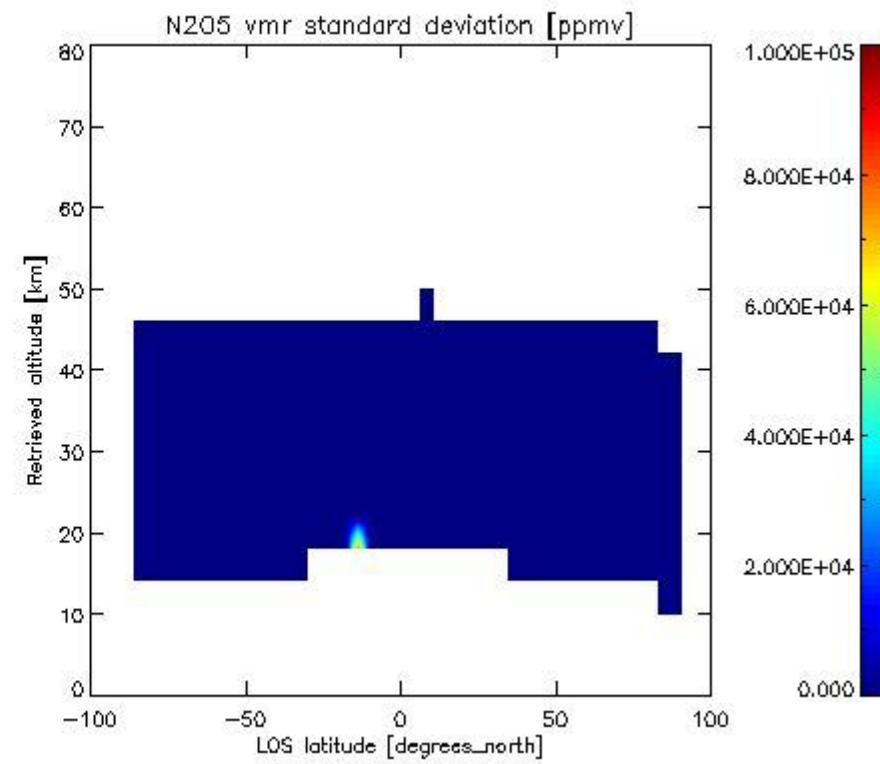
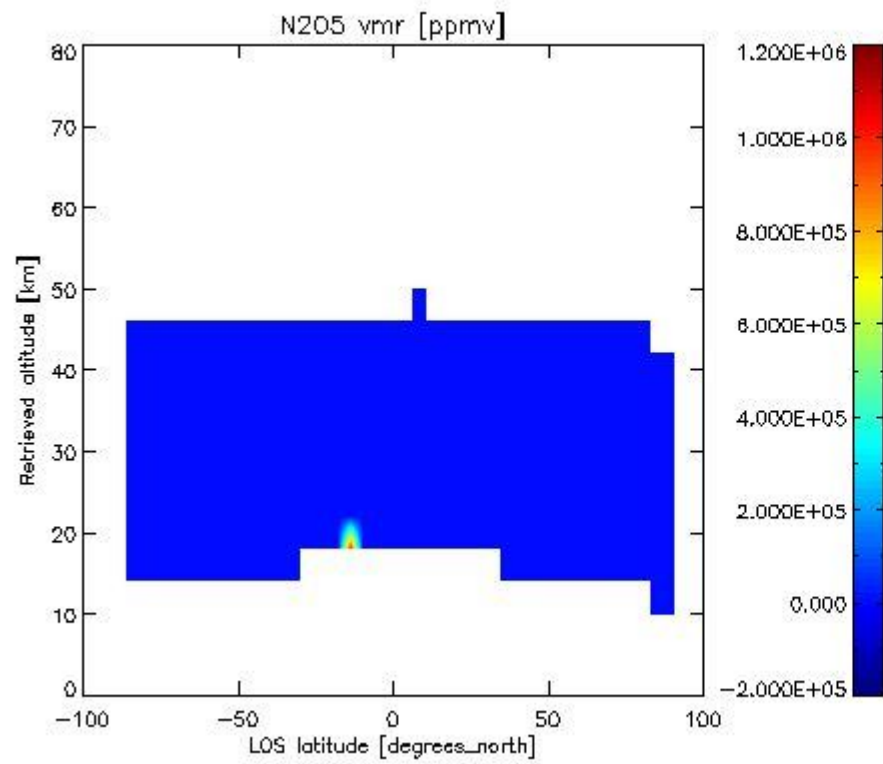


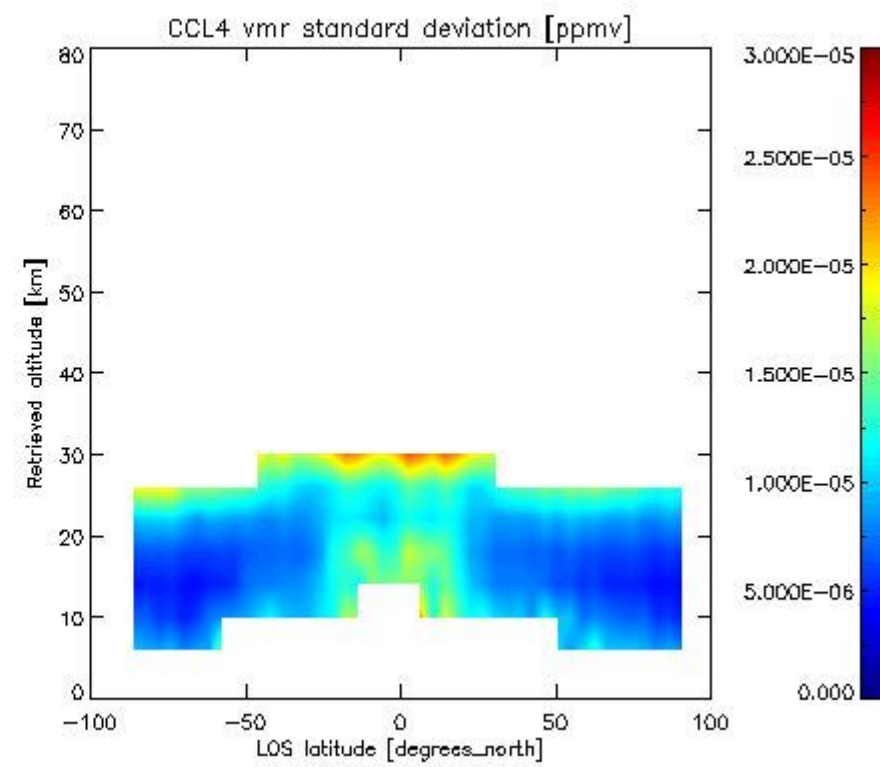
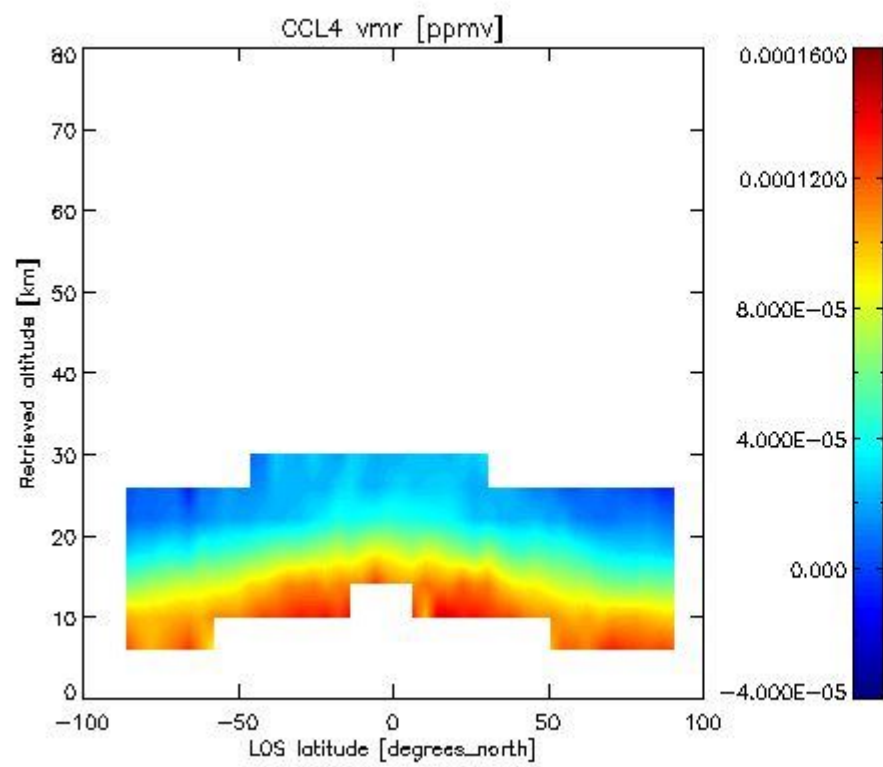
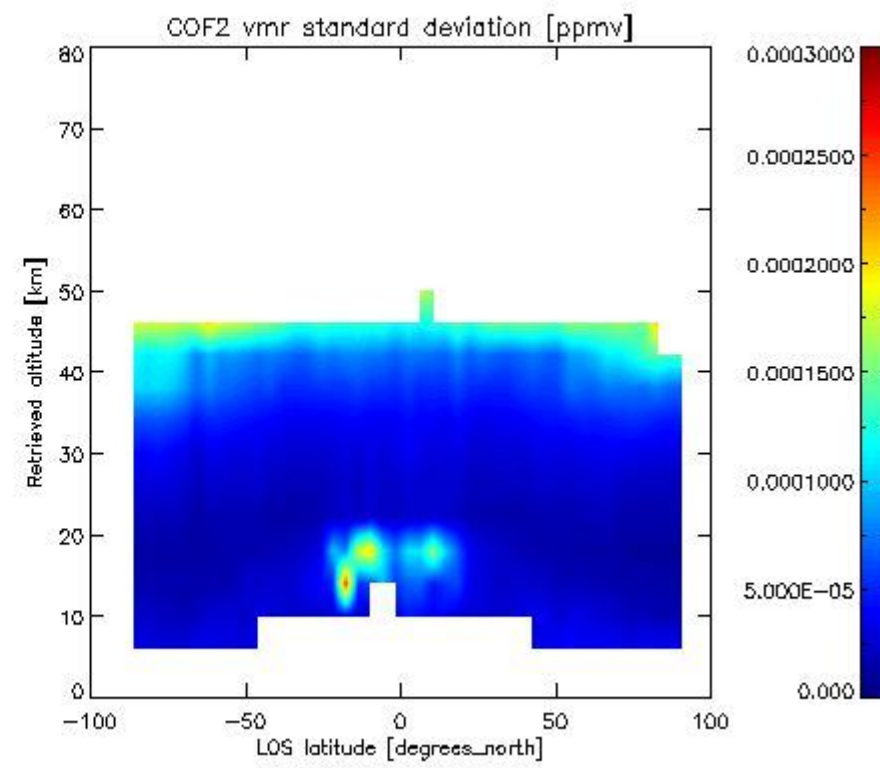
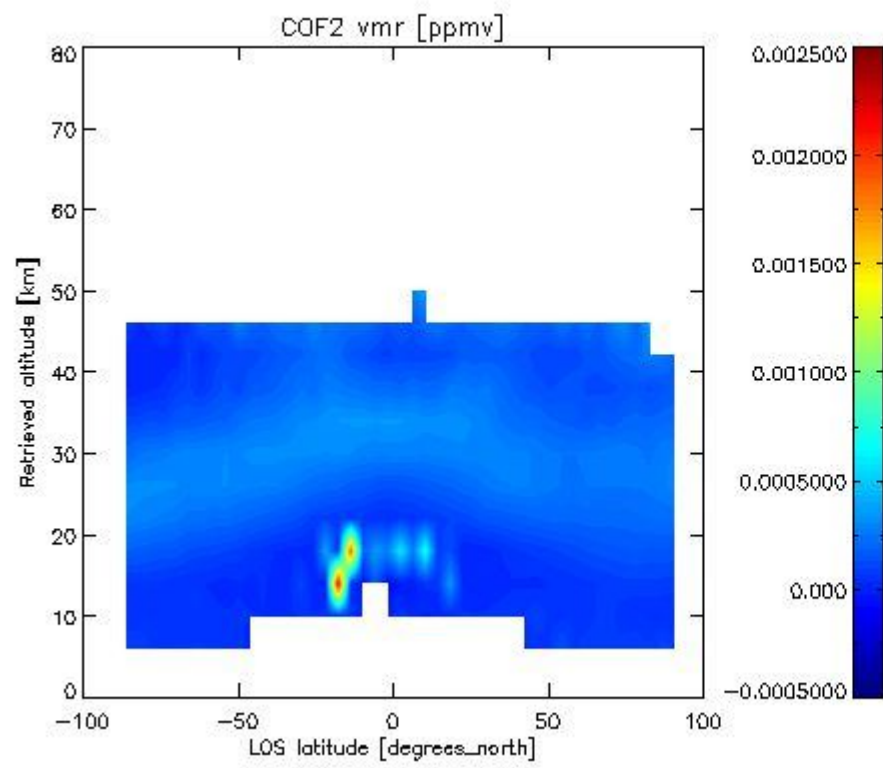
2.2.4.7 F11 overview This section shows values (left) and error (right) for F11 after binning individual sweep values over retrieved altitude and tangent latitude.

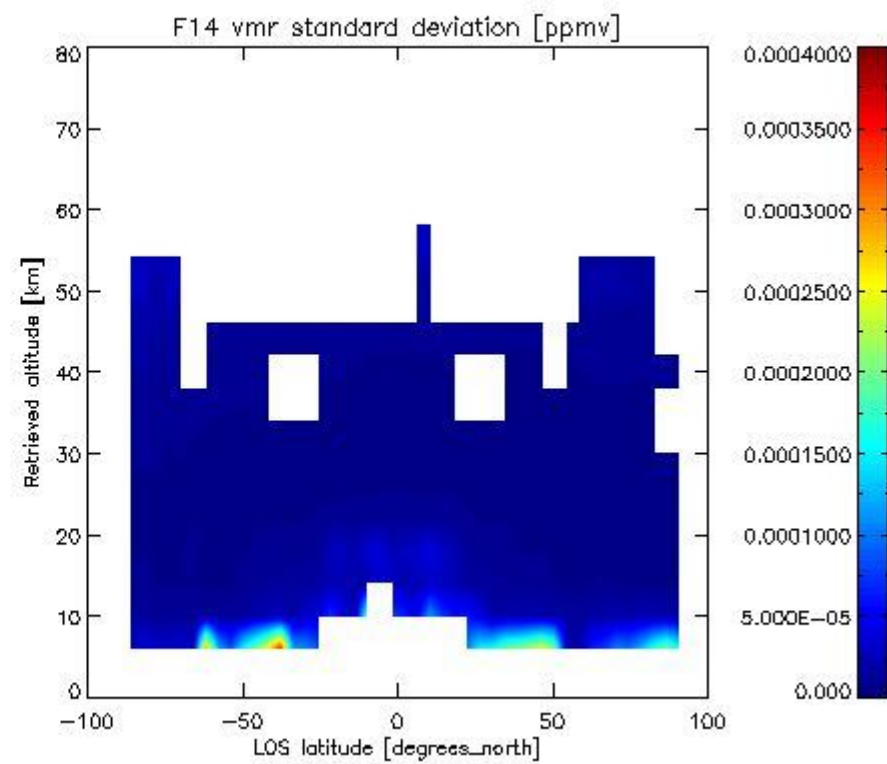
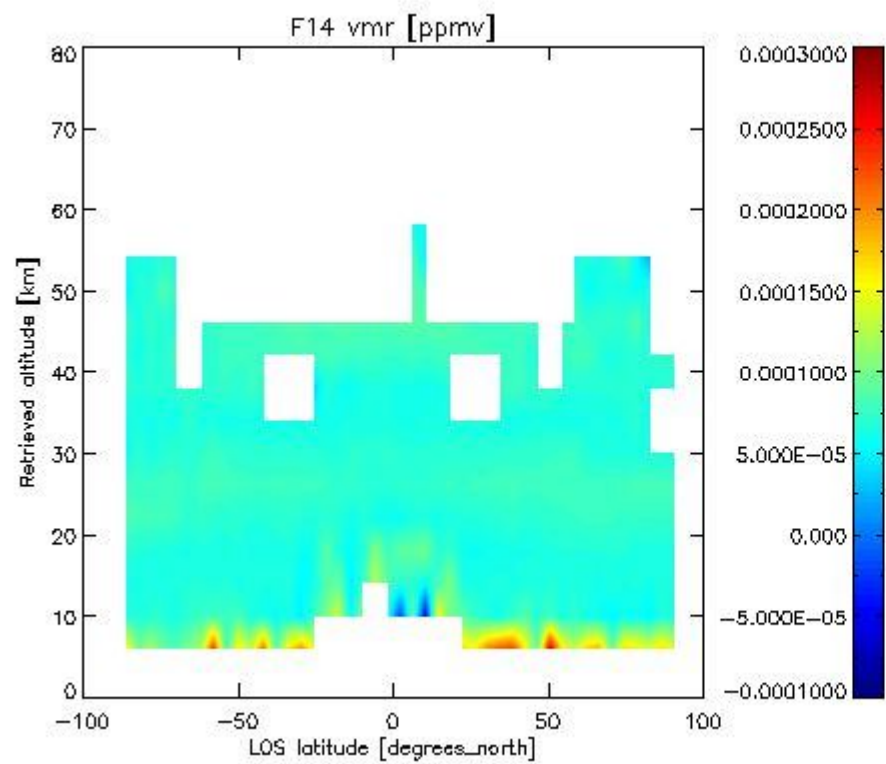
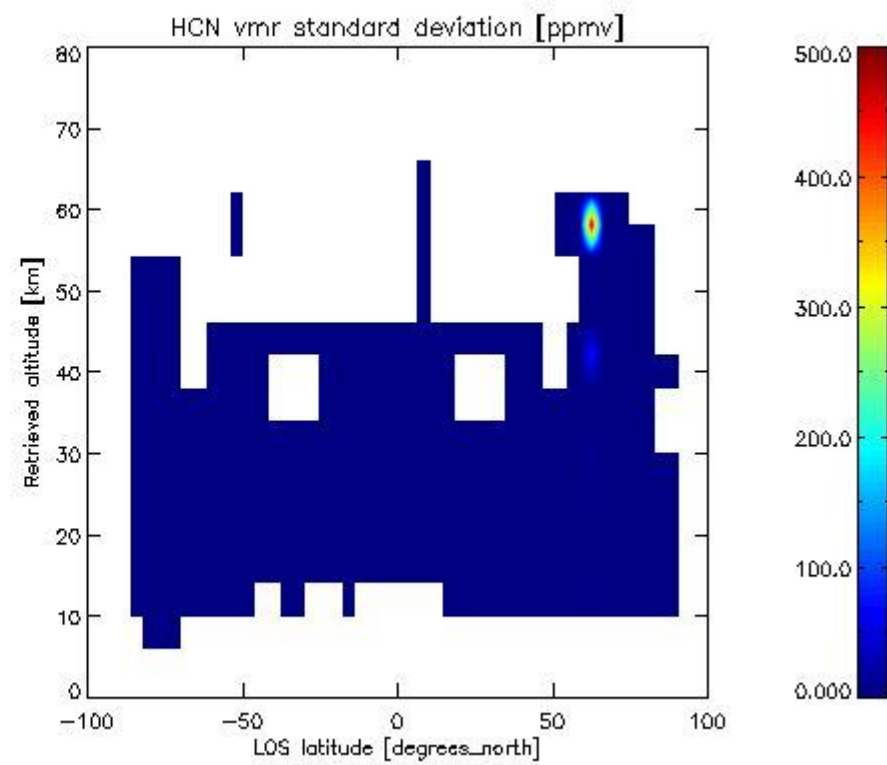
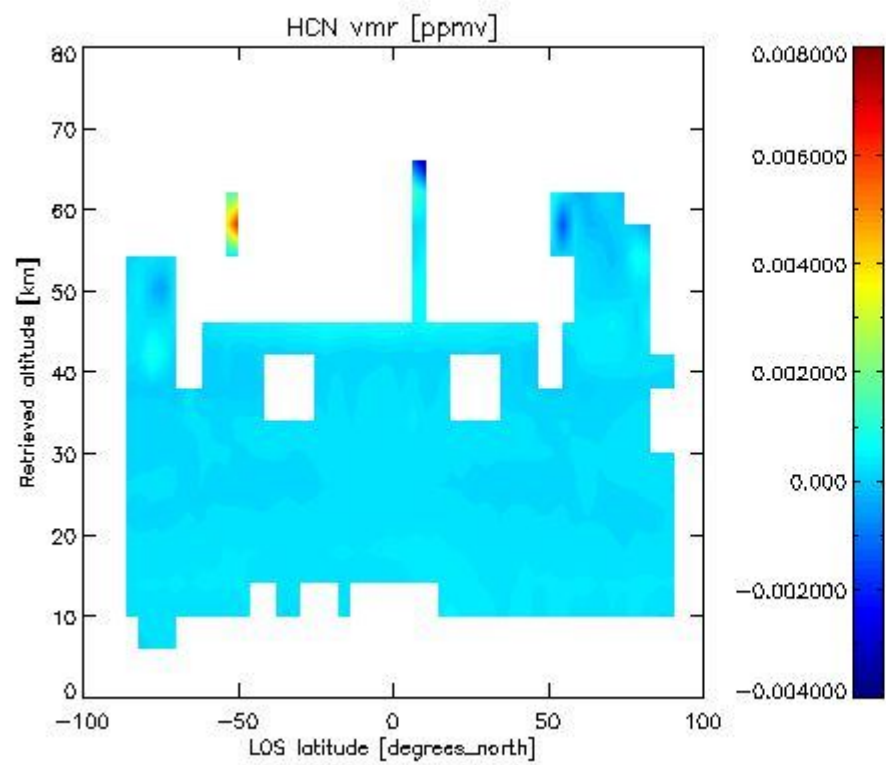


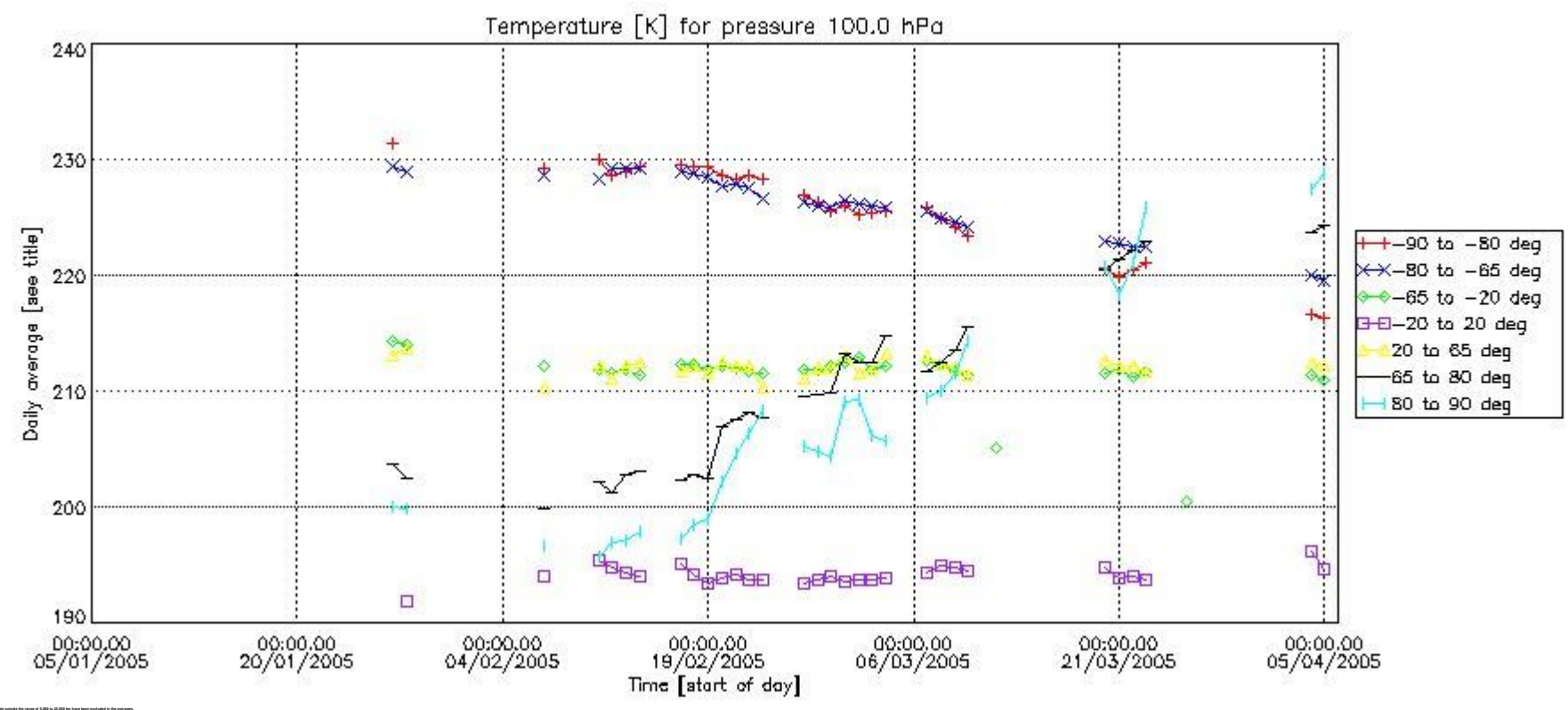
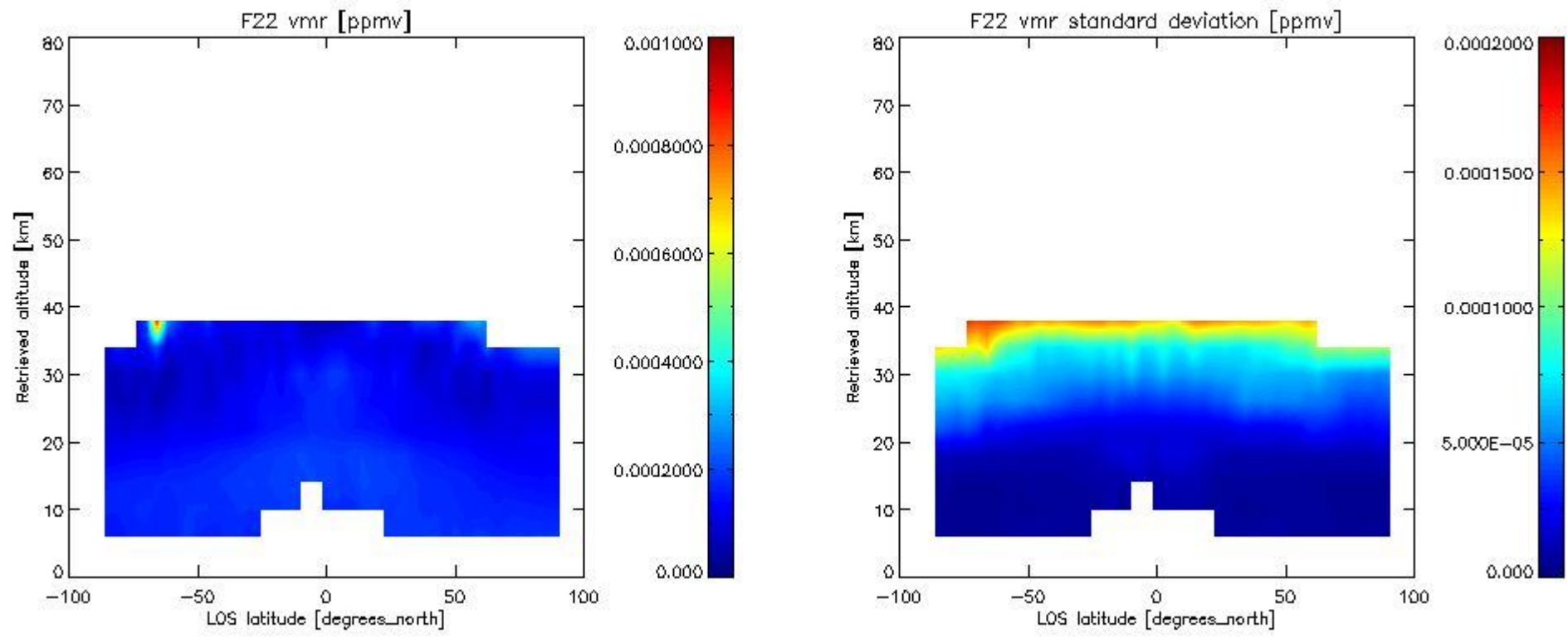
2.2.4.4 CLNO vmr: This section shows values (left) and error (right) for CLNO after binning individual vmr values over retrieved altitude and target latitude.

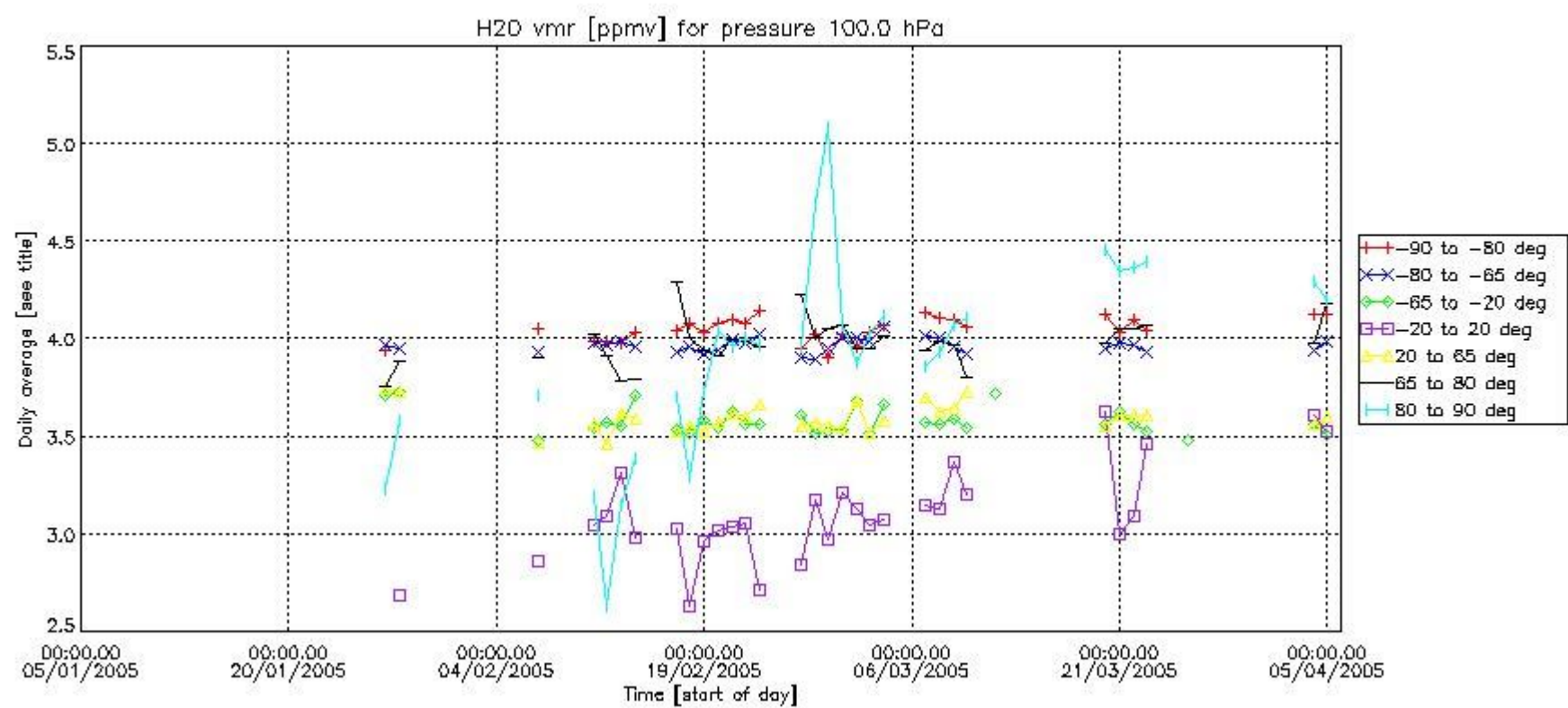
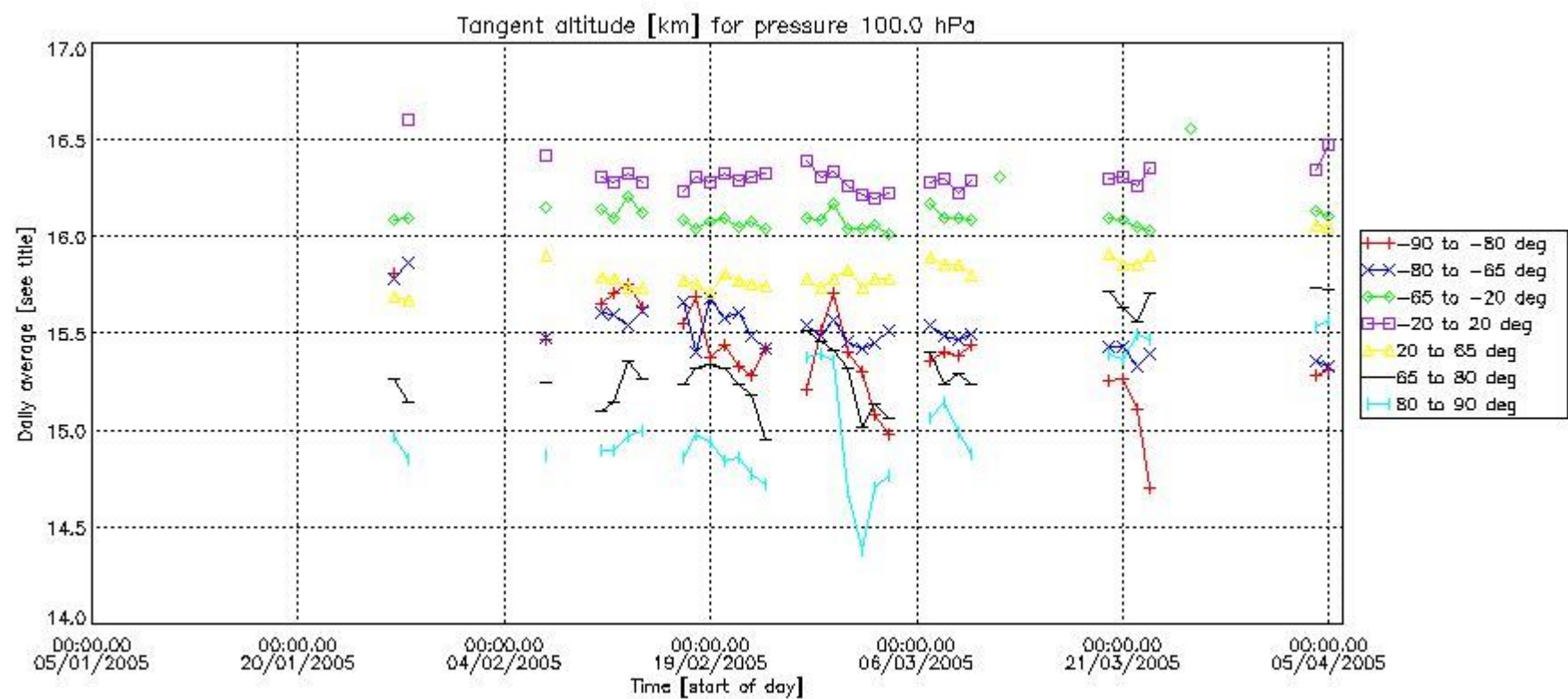


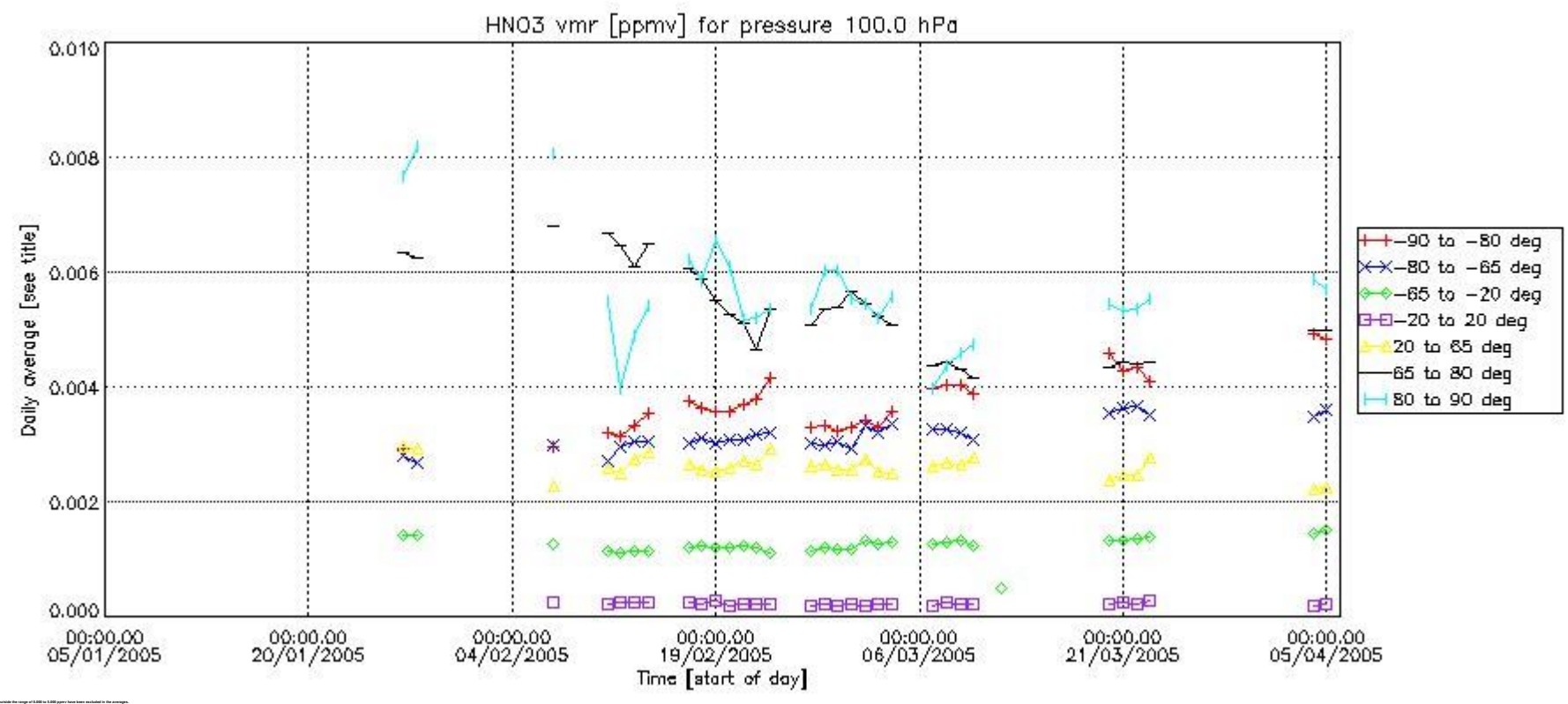
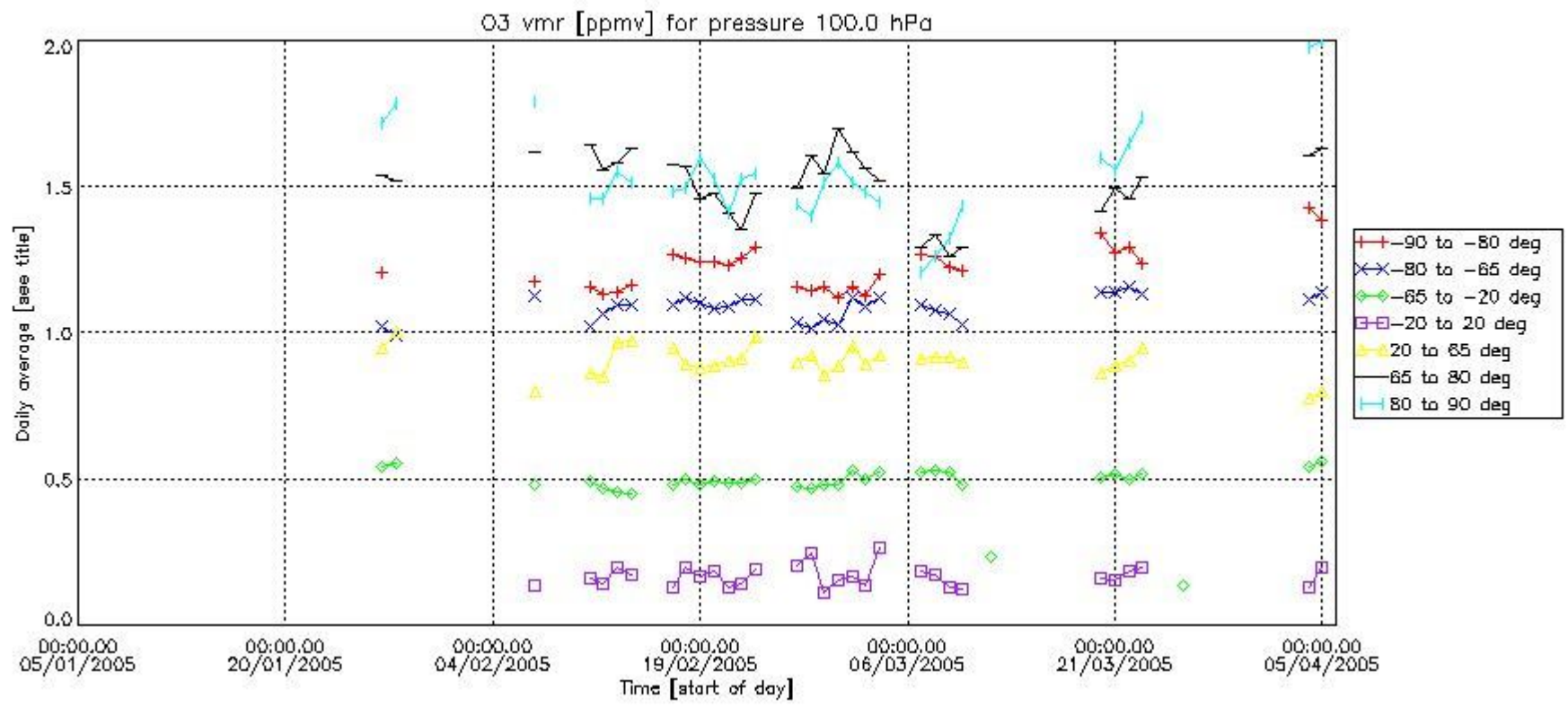


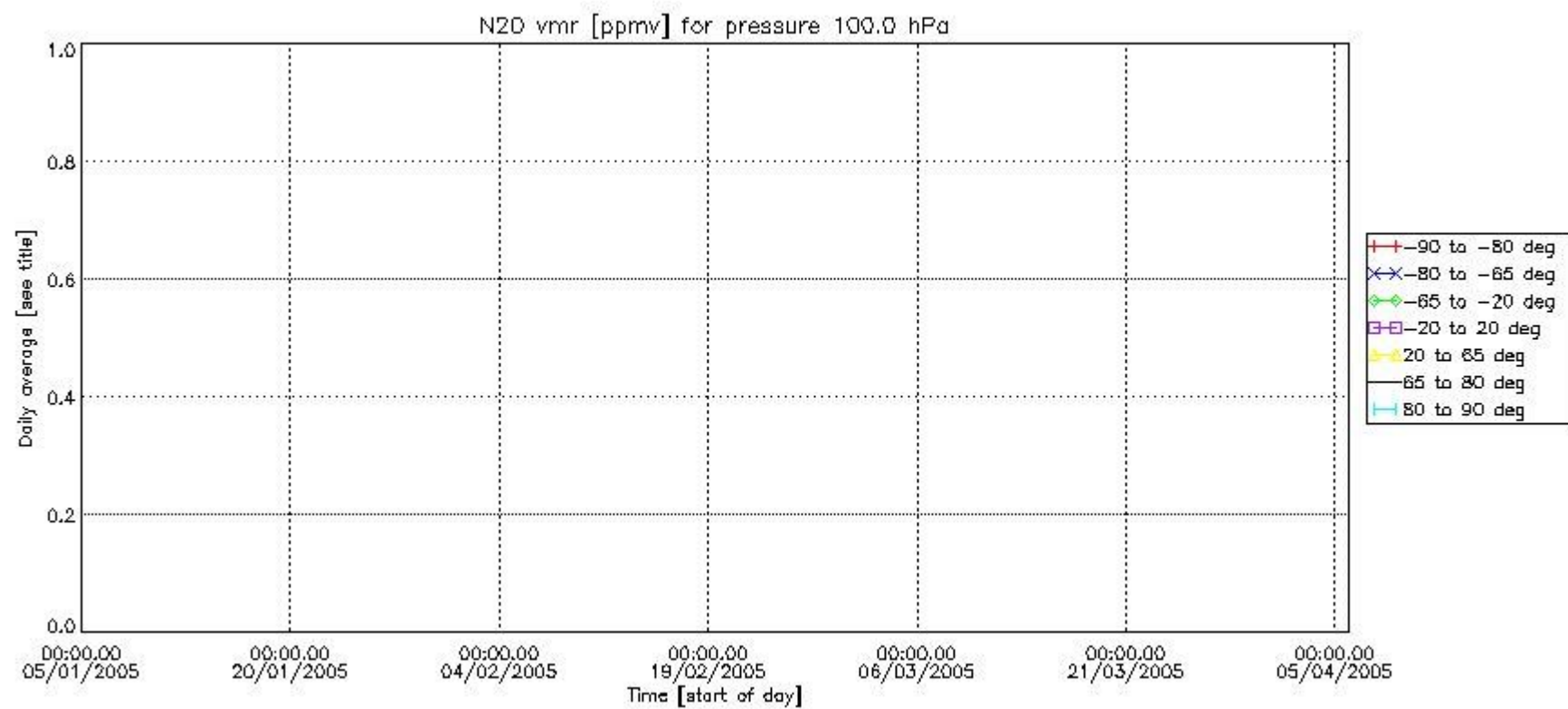
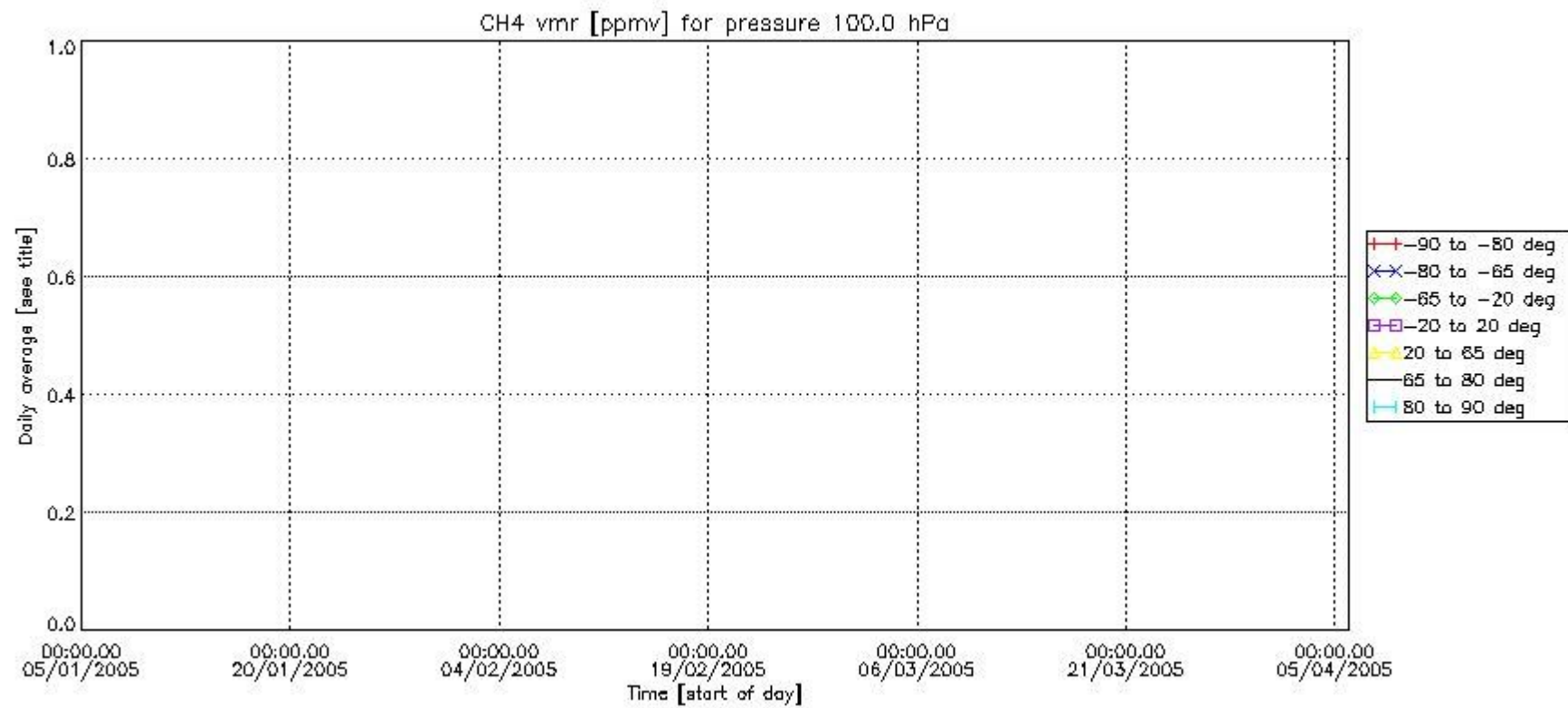


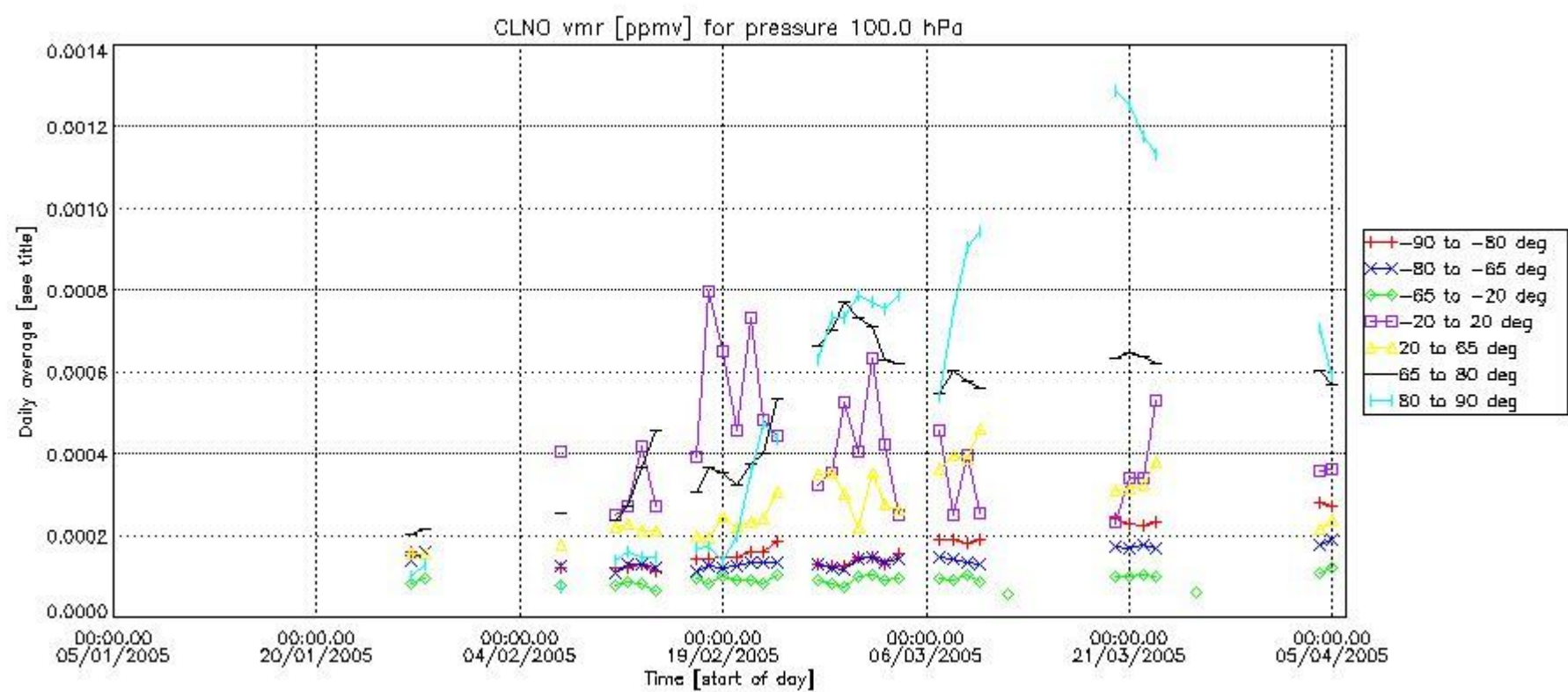
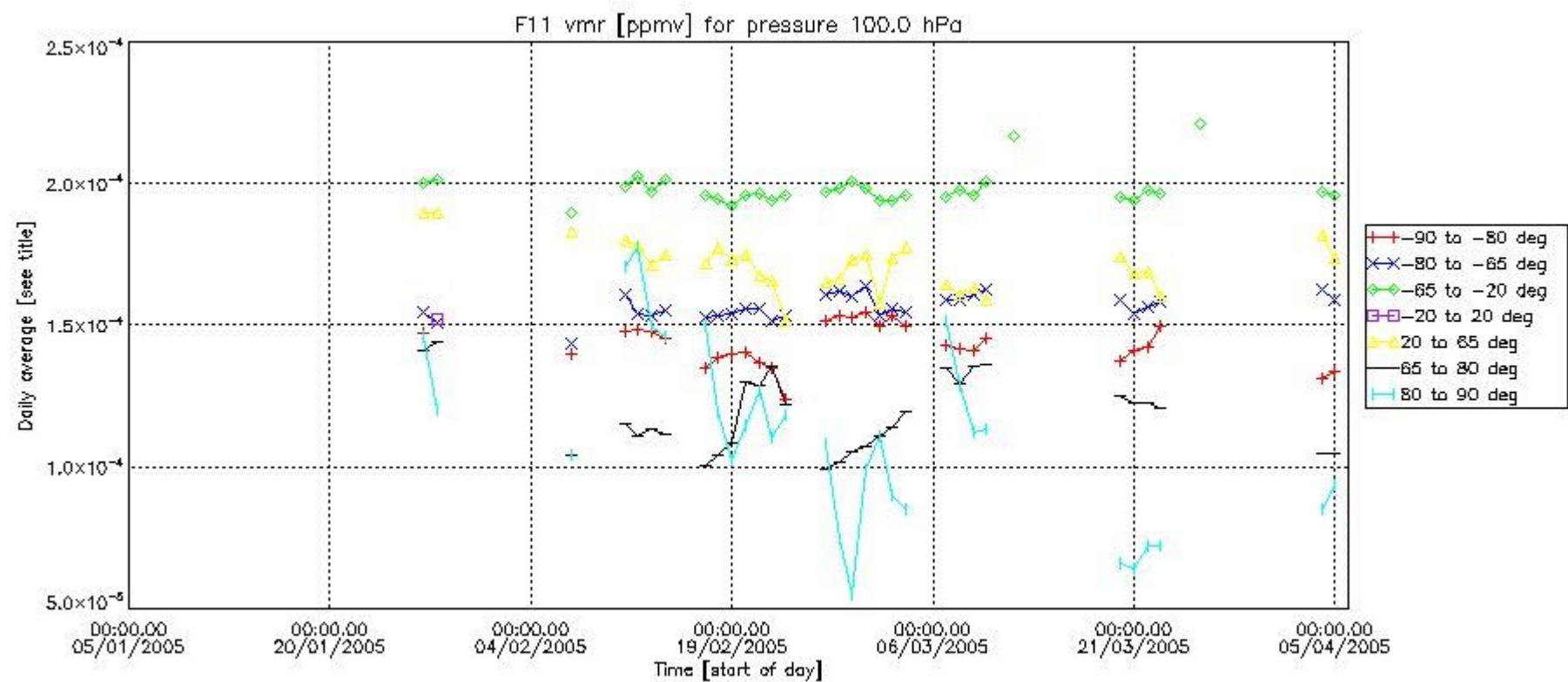


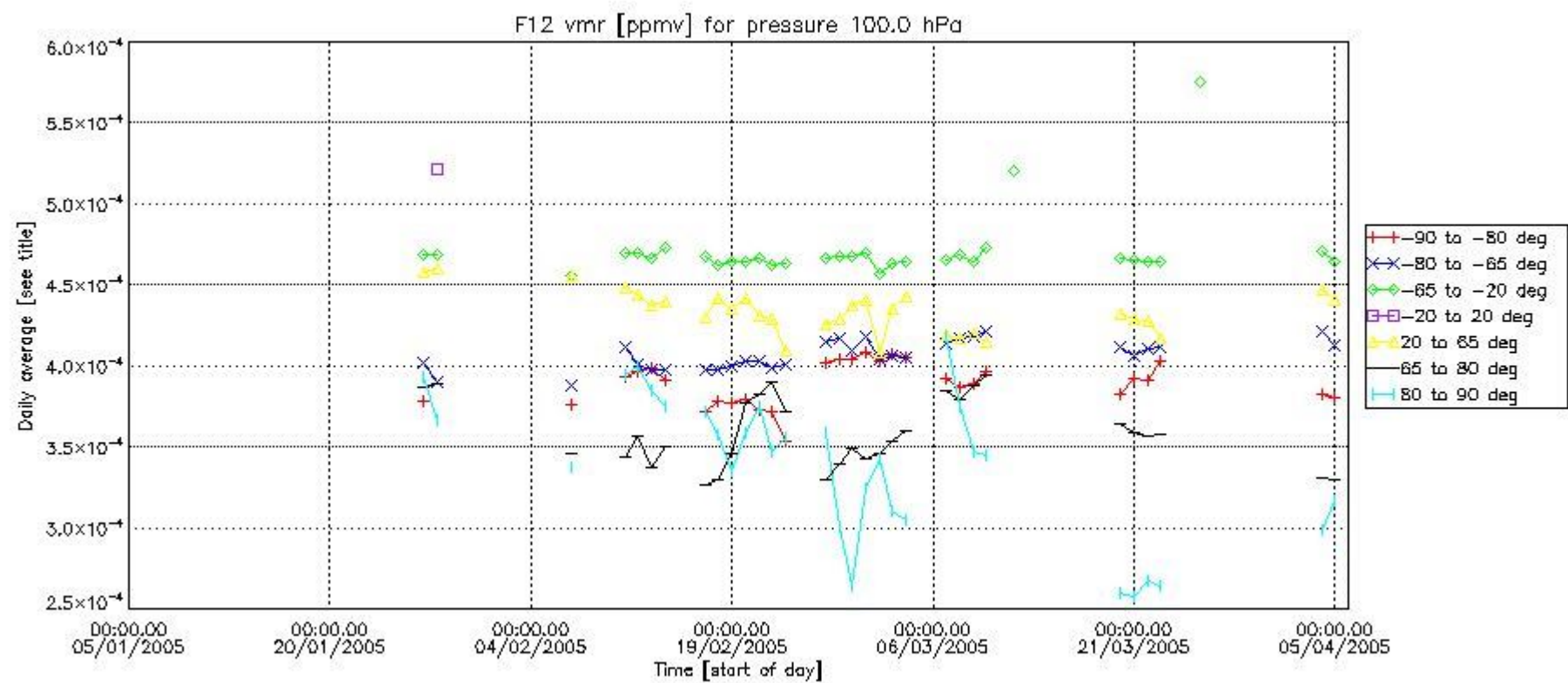
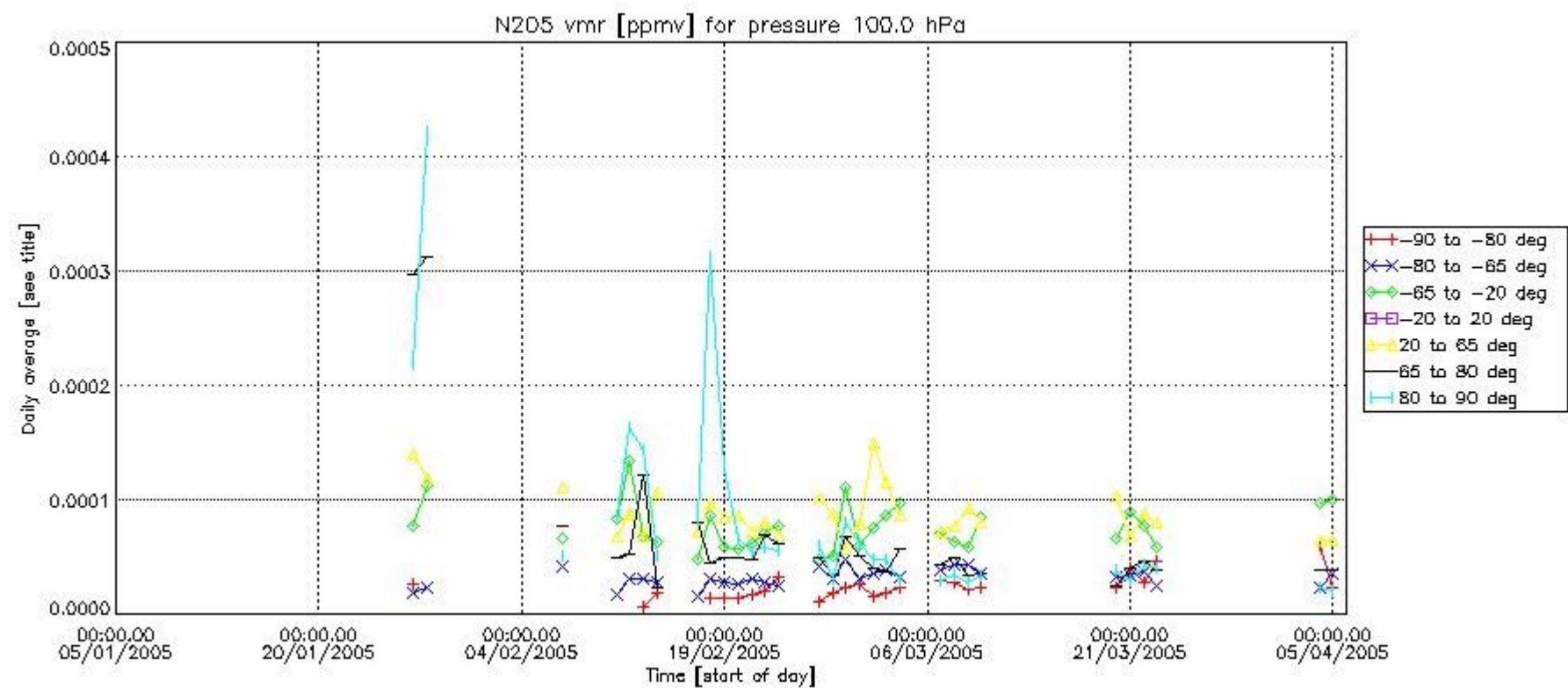


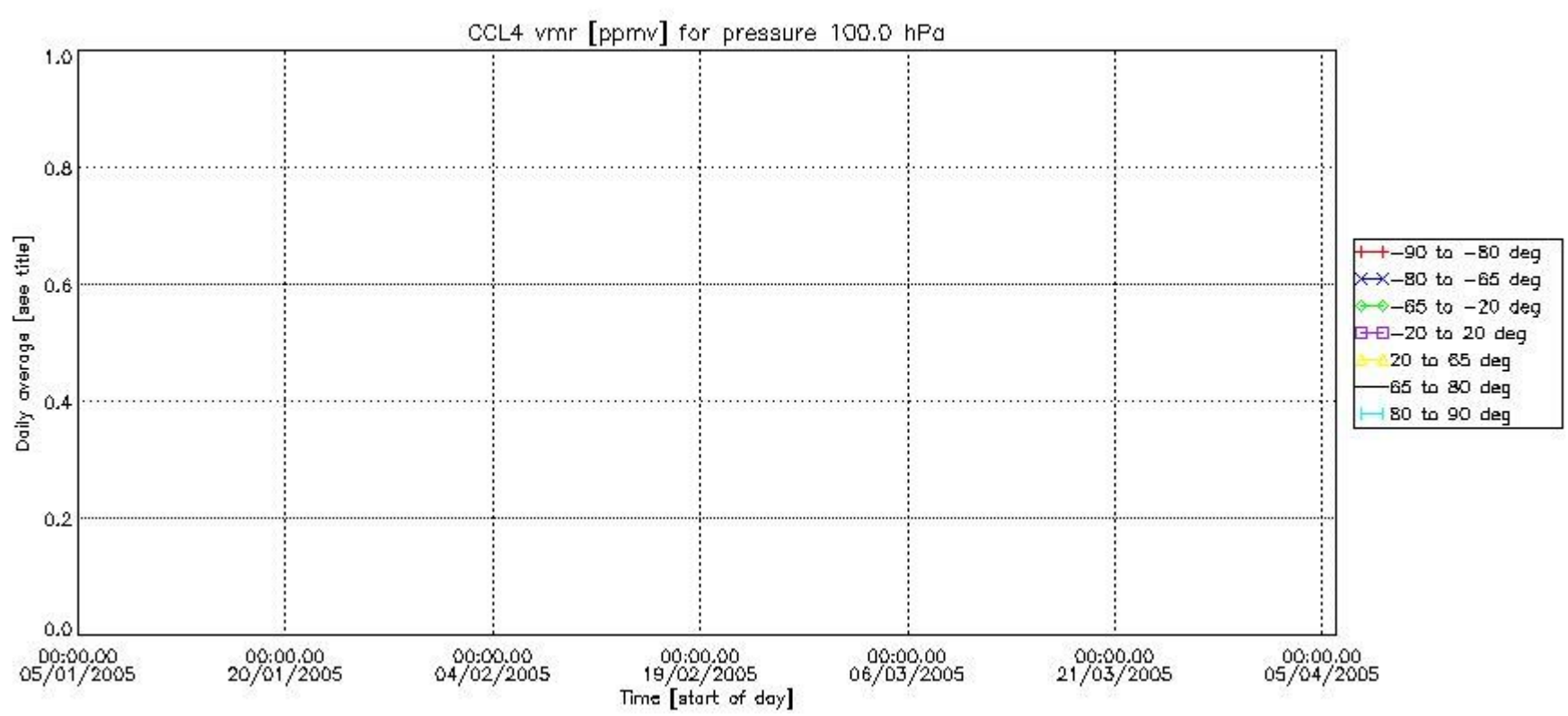
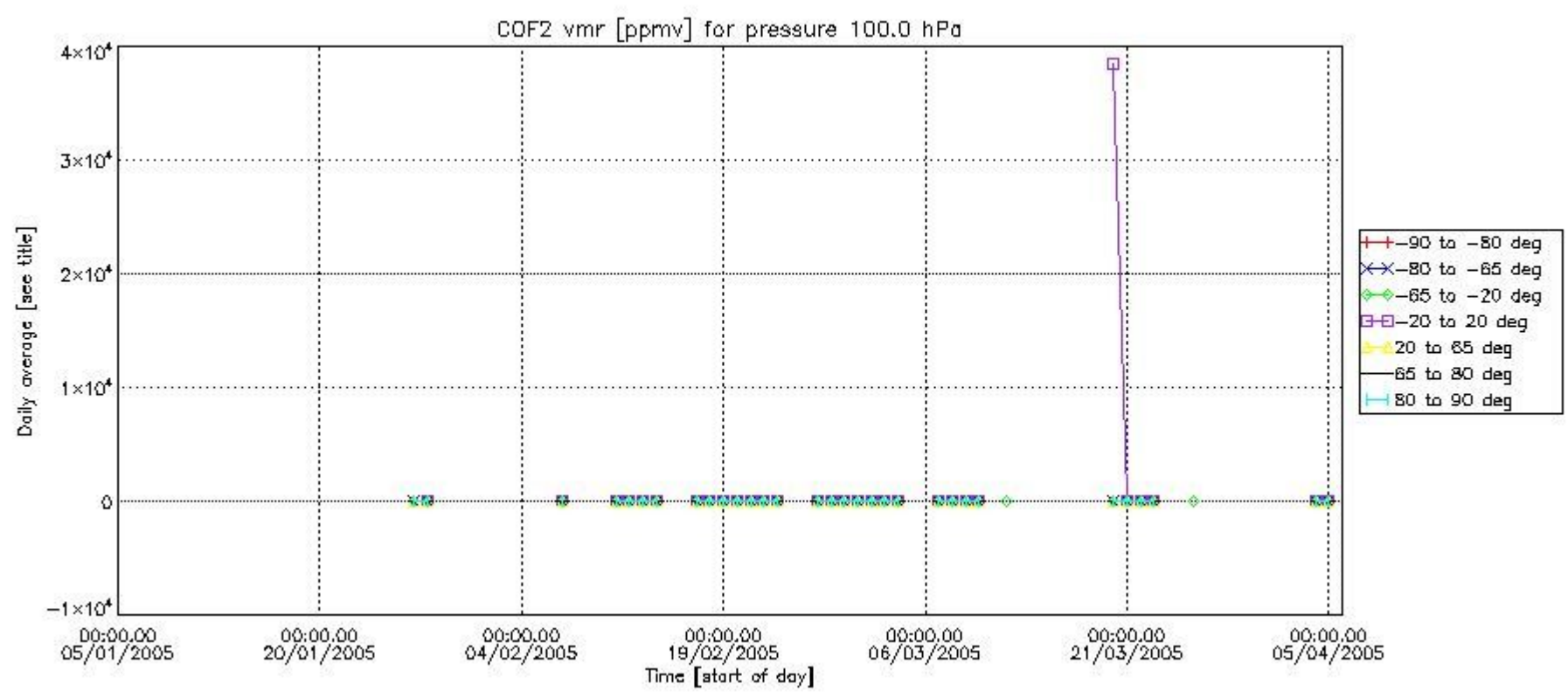


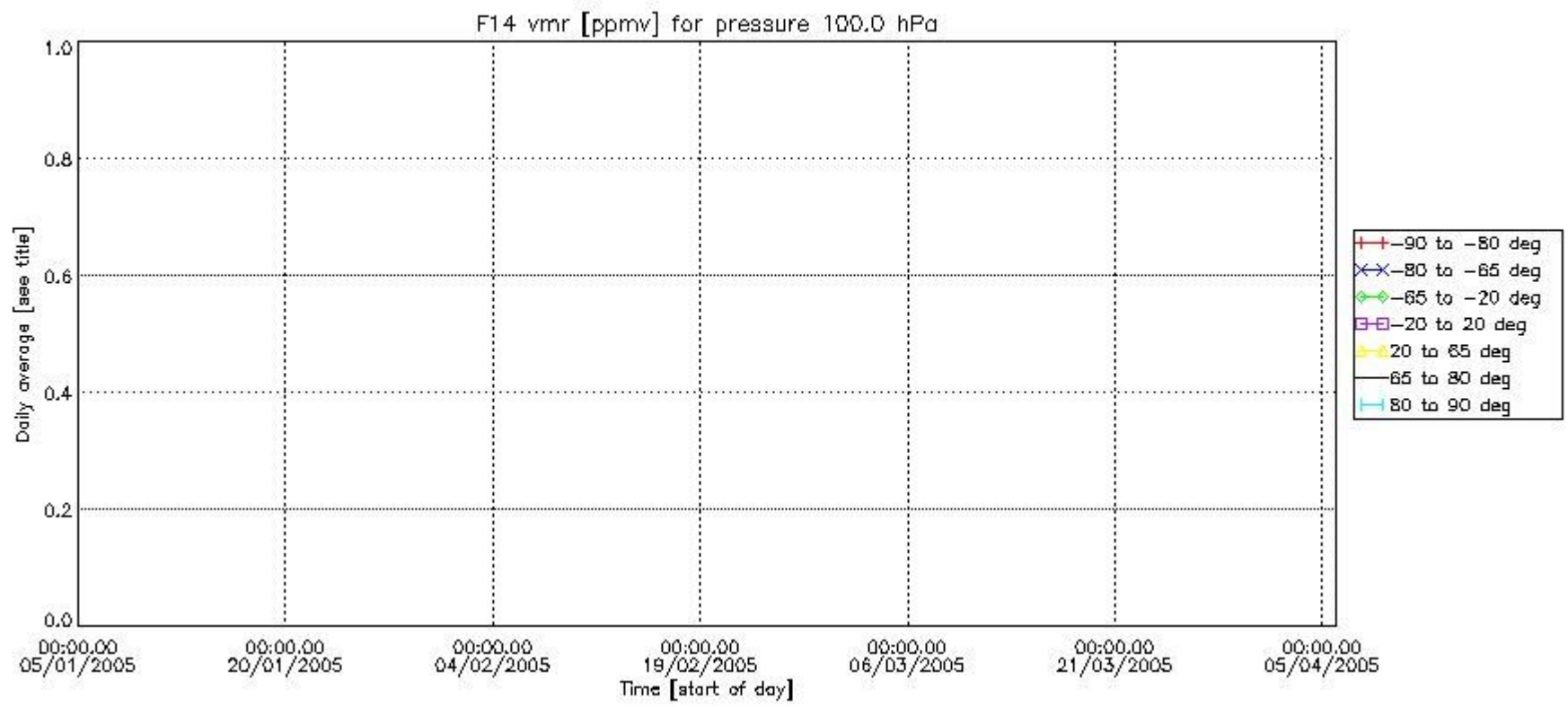
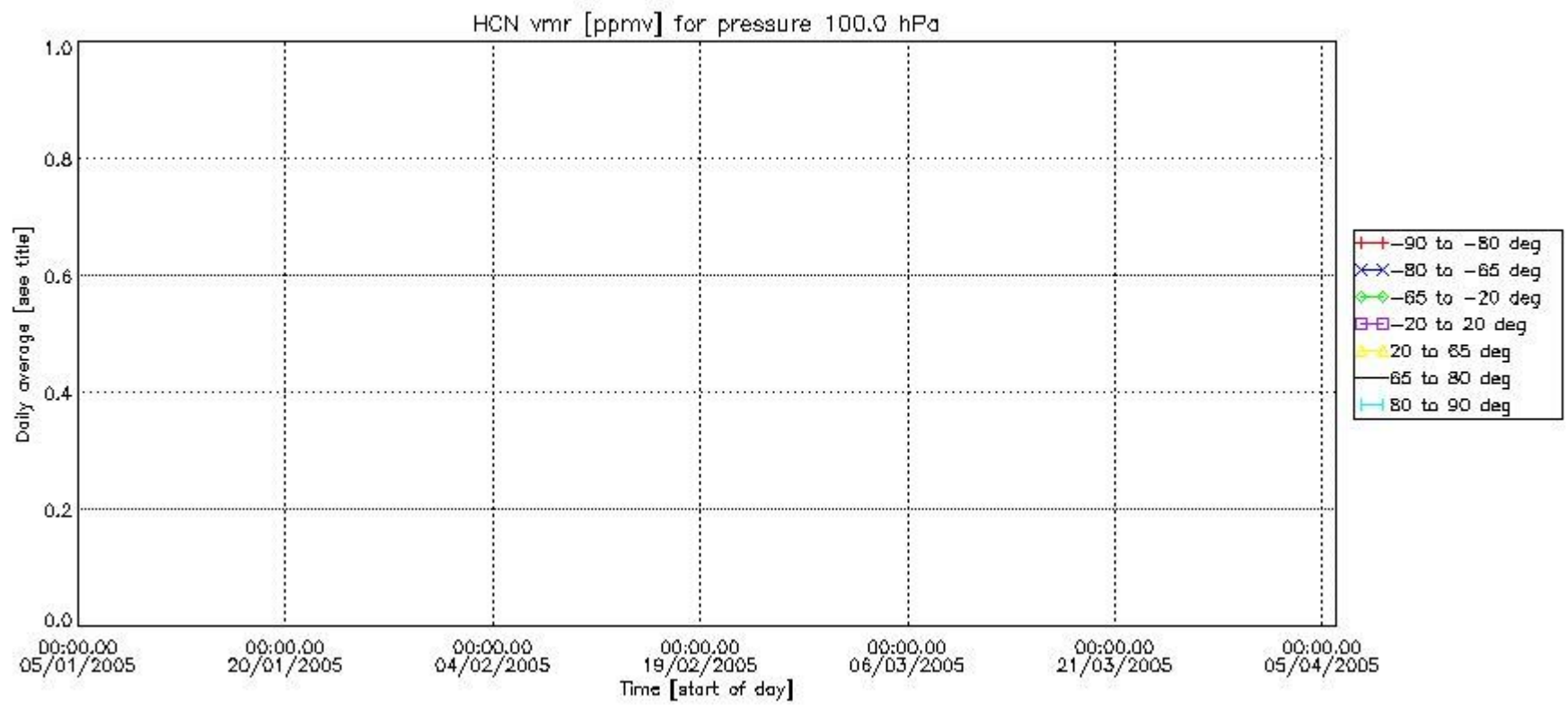


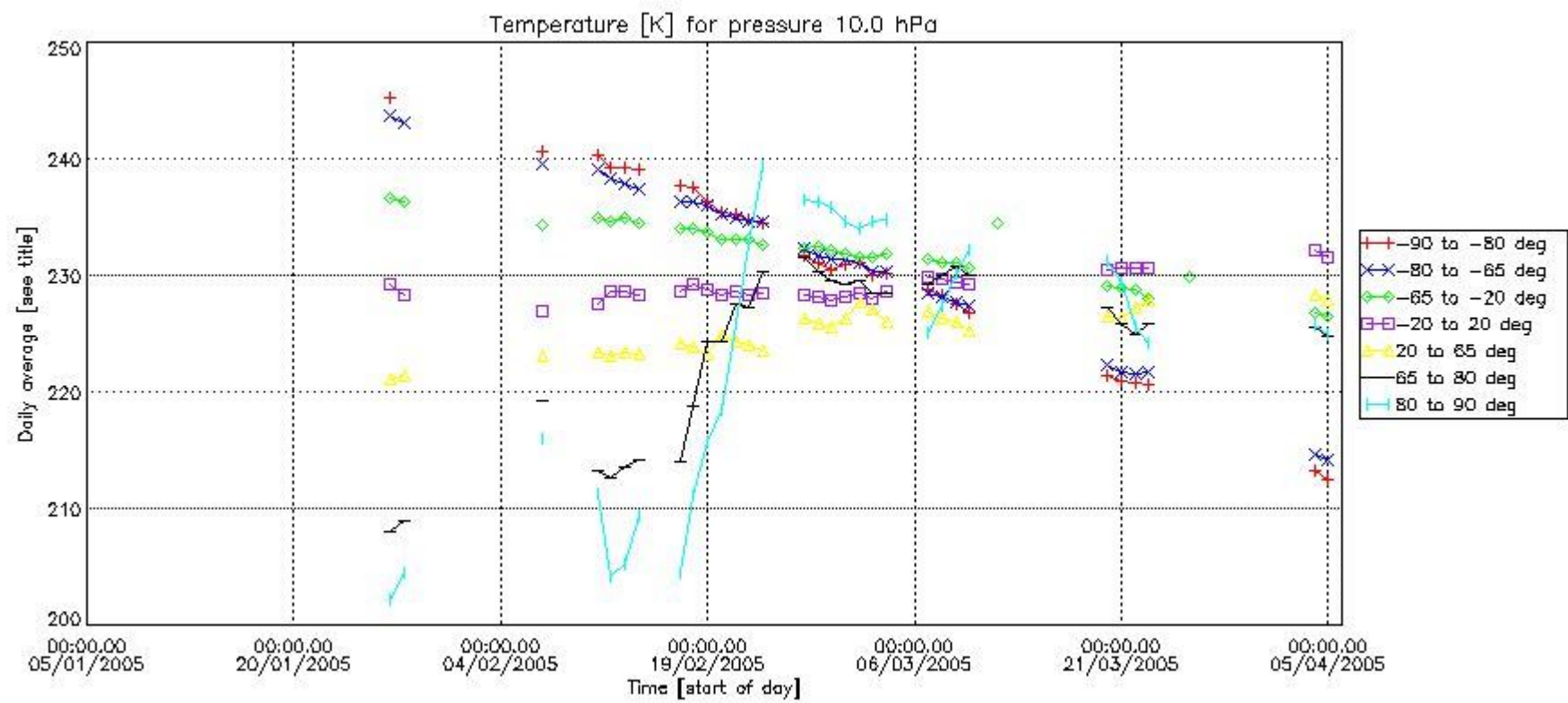
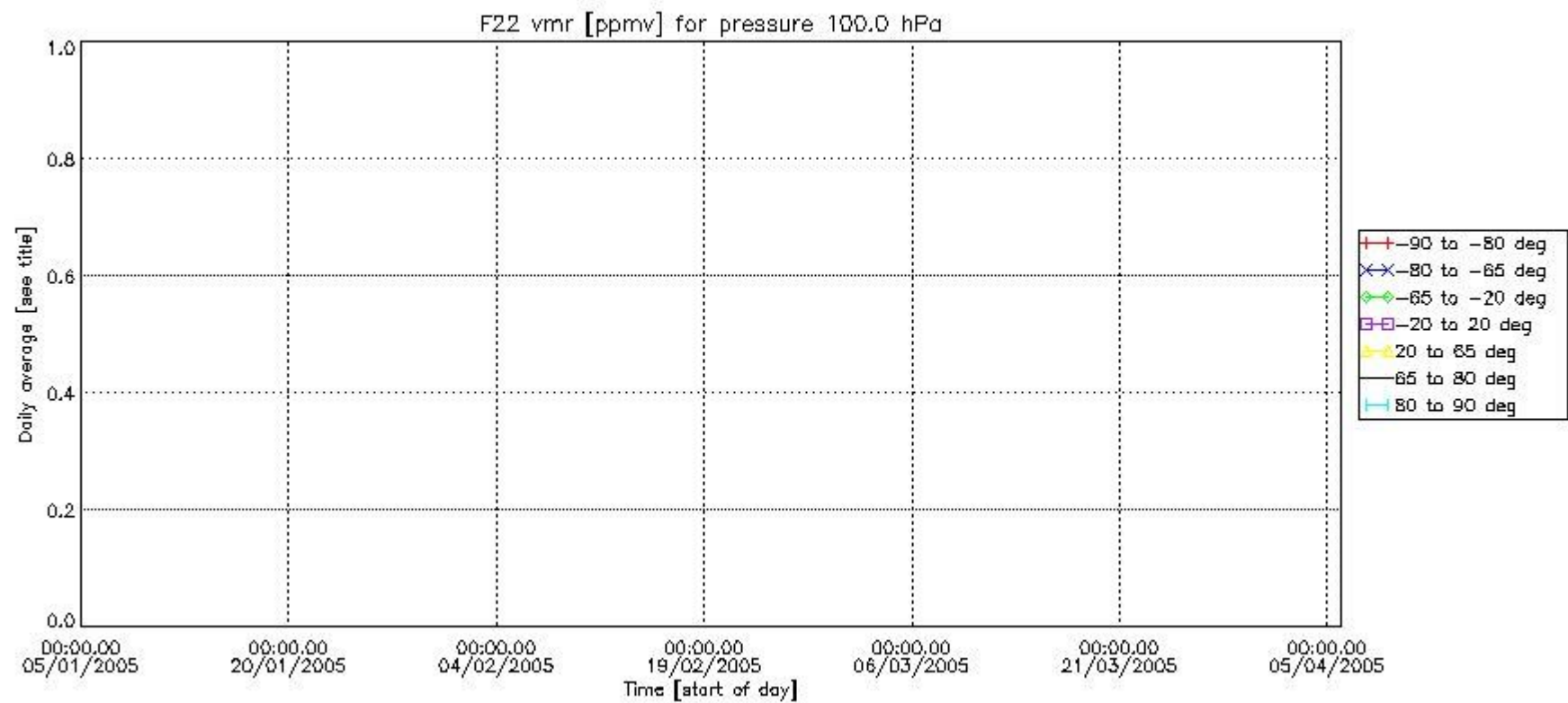


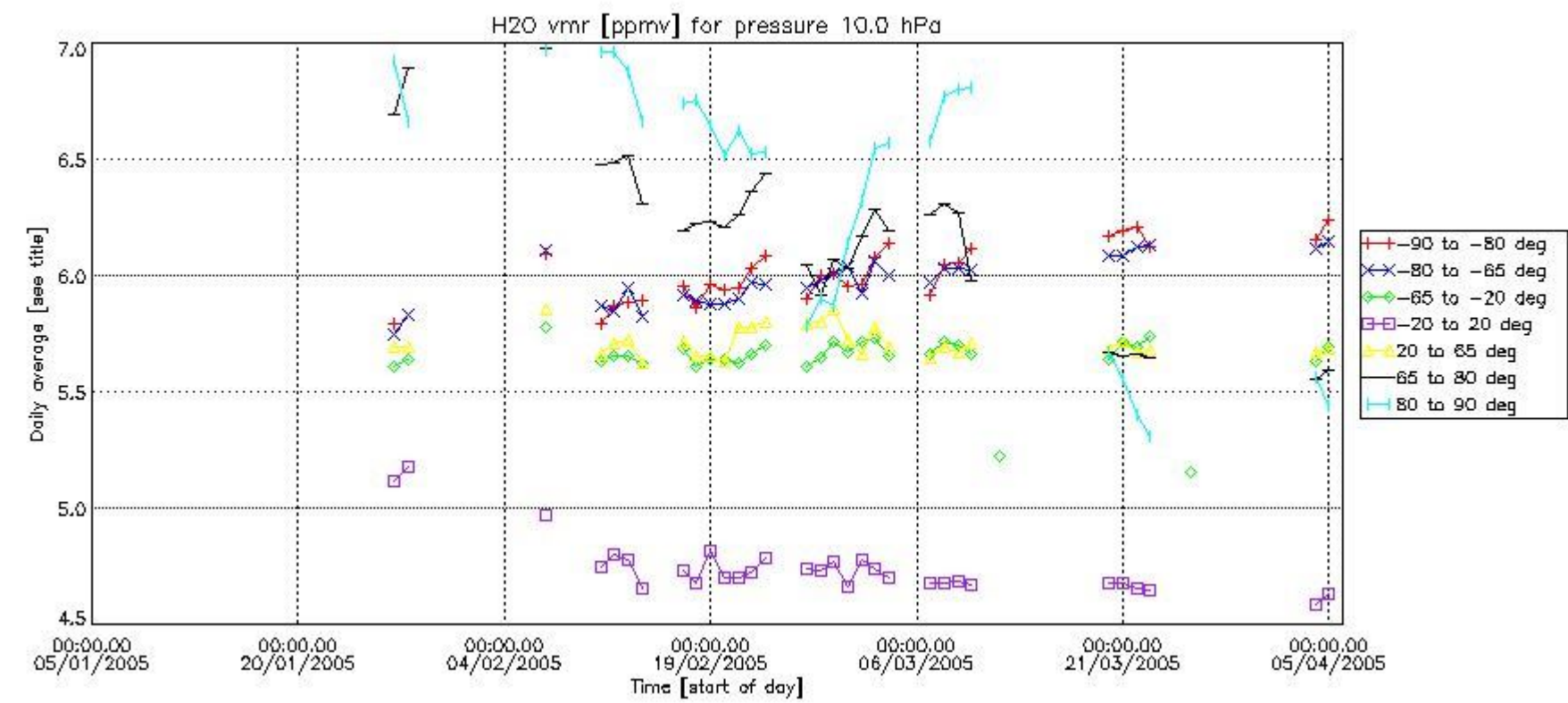
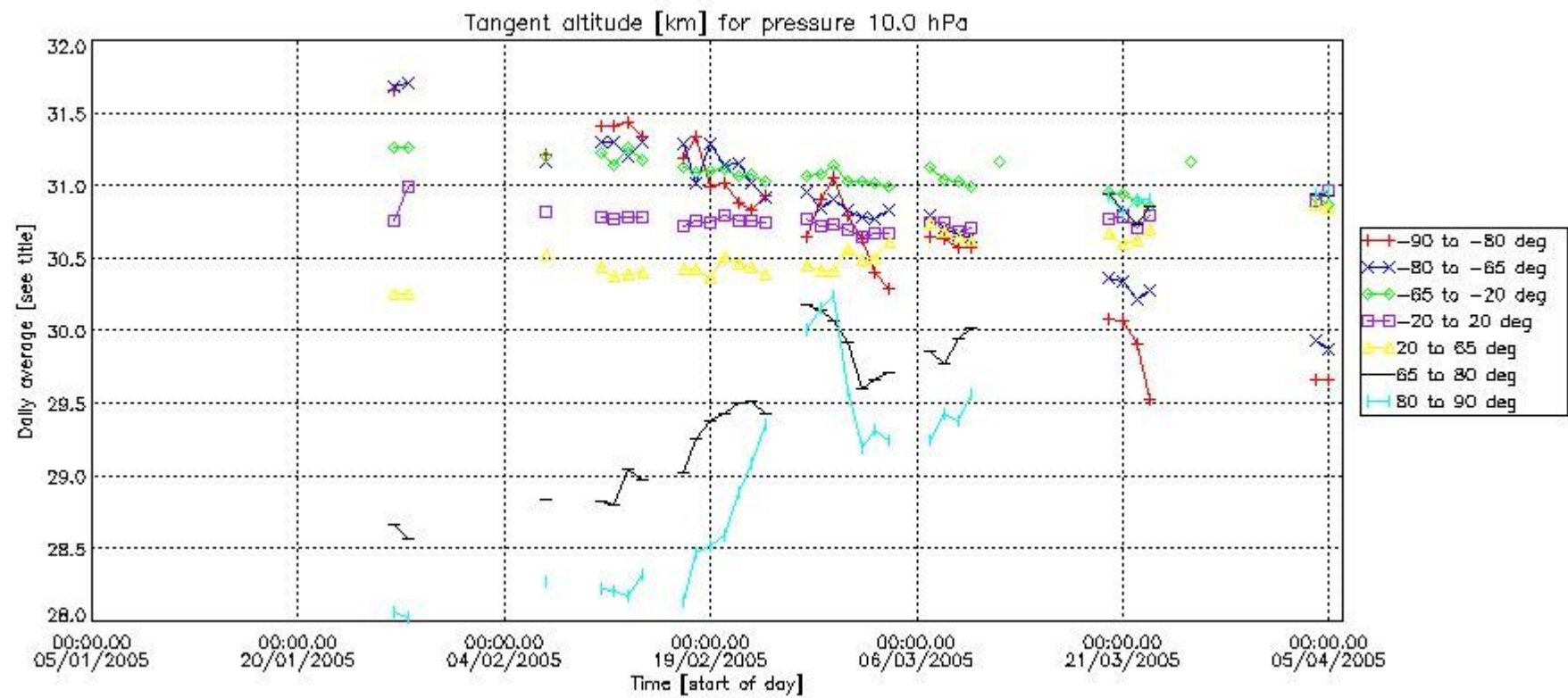


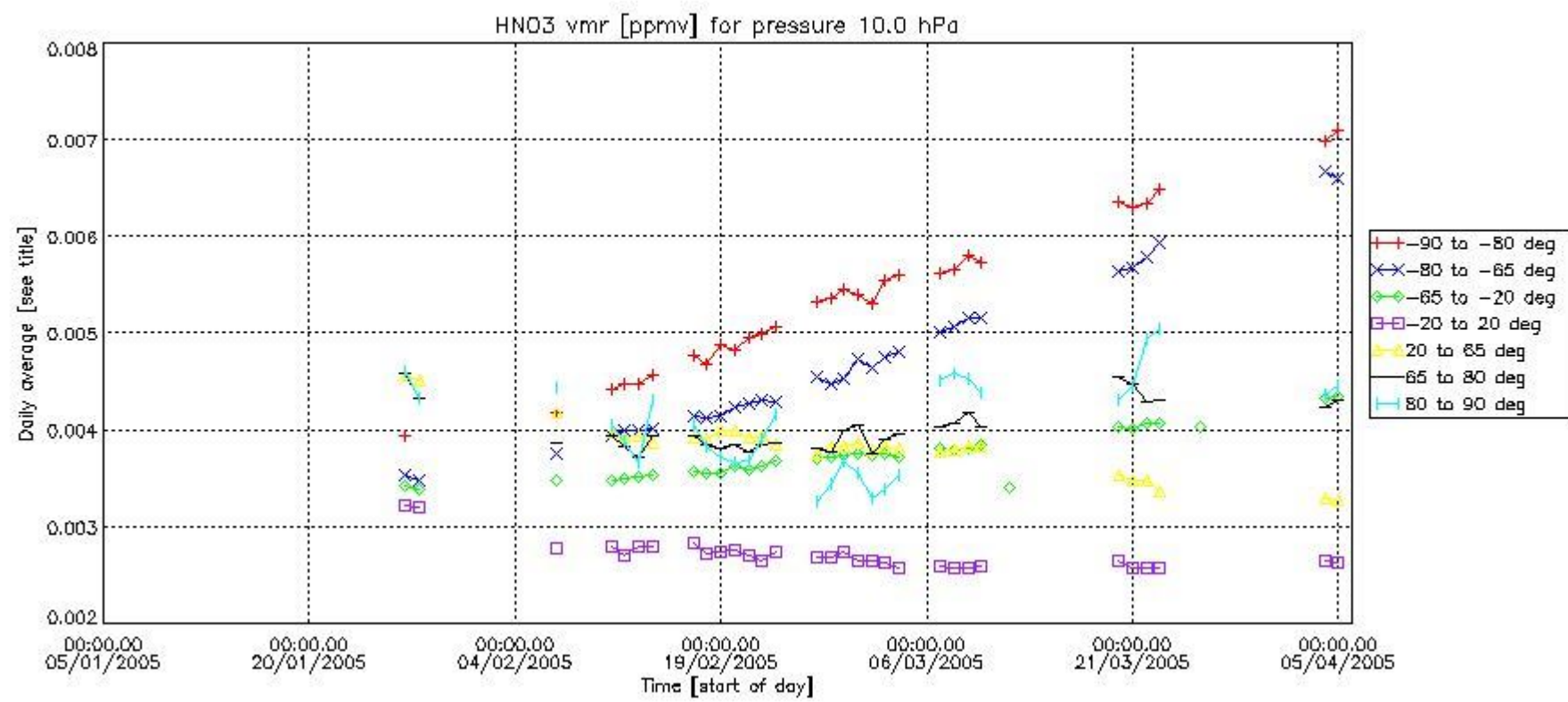
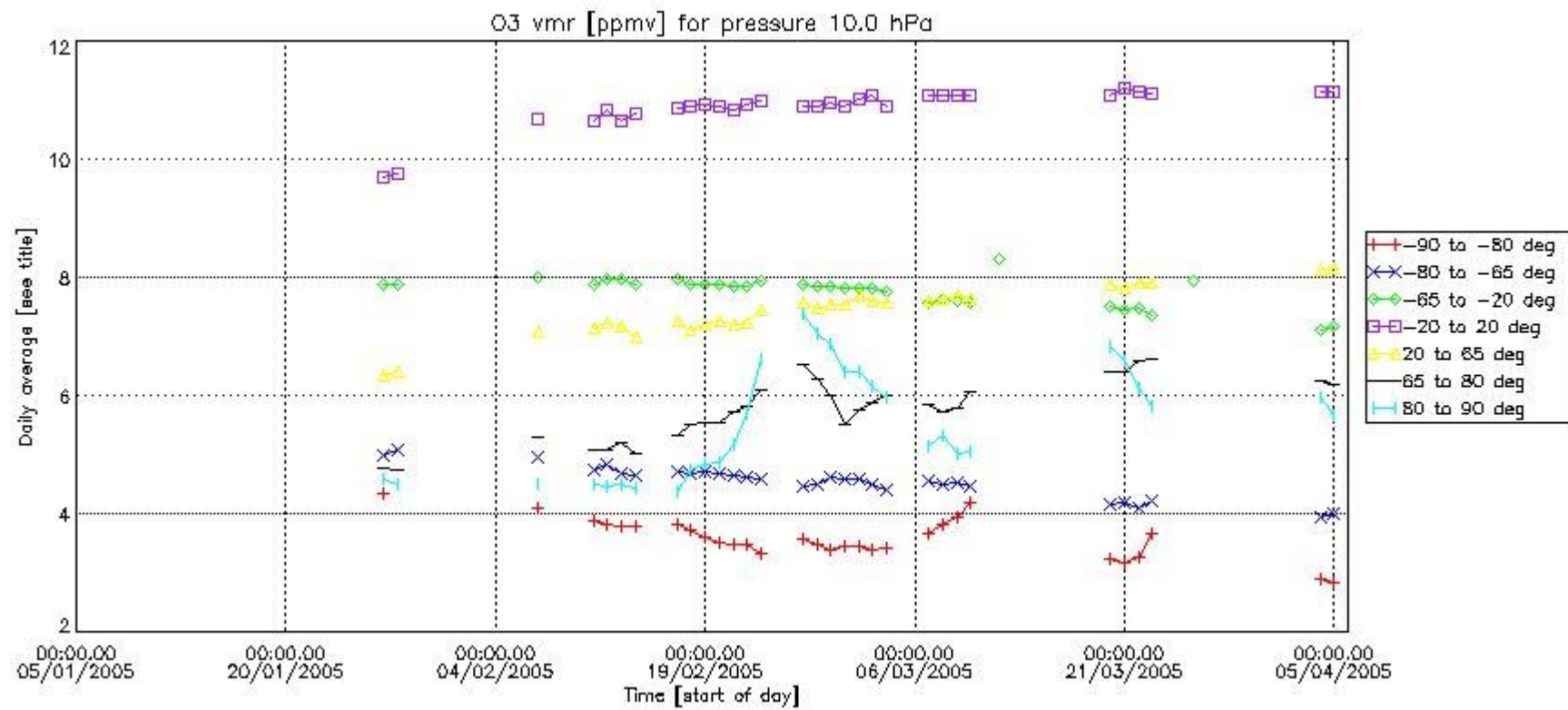


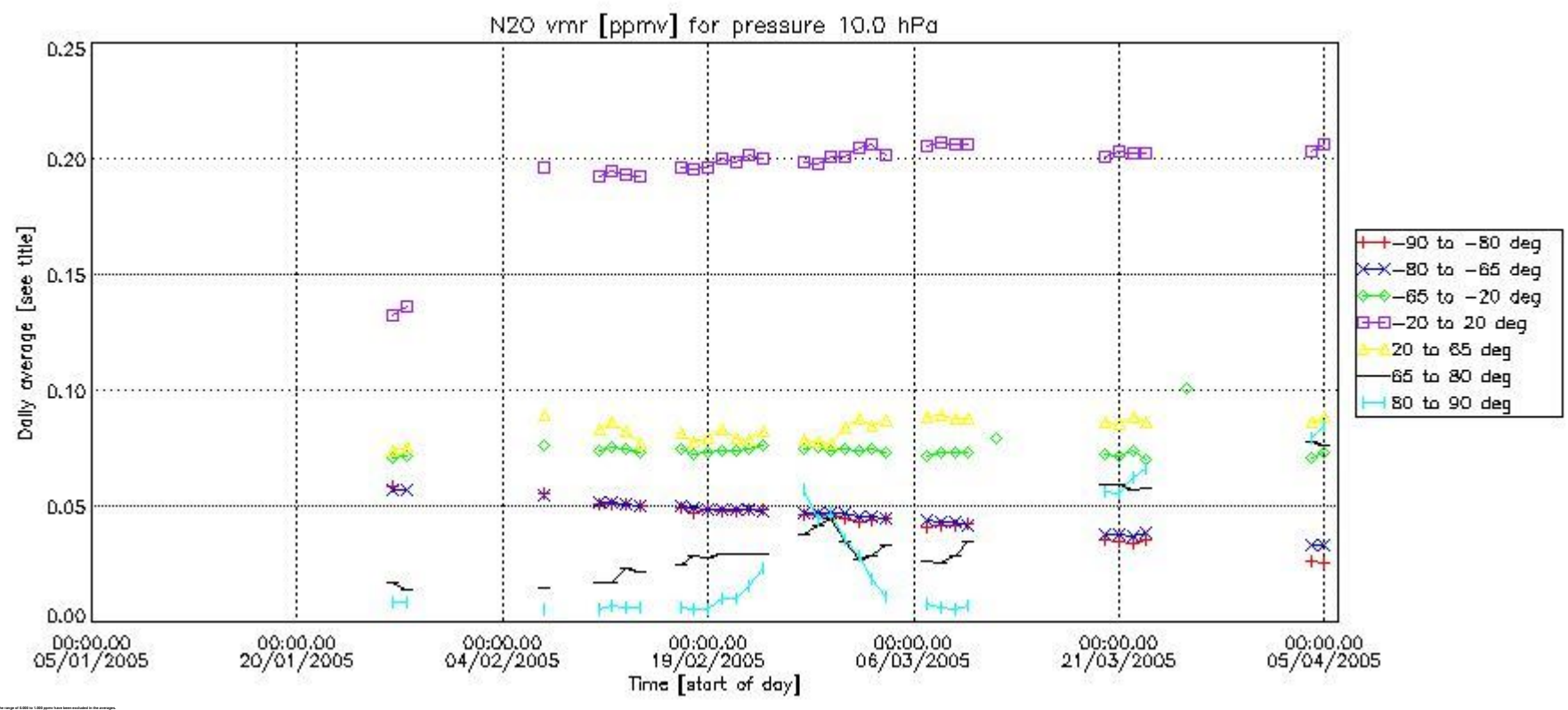
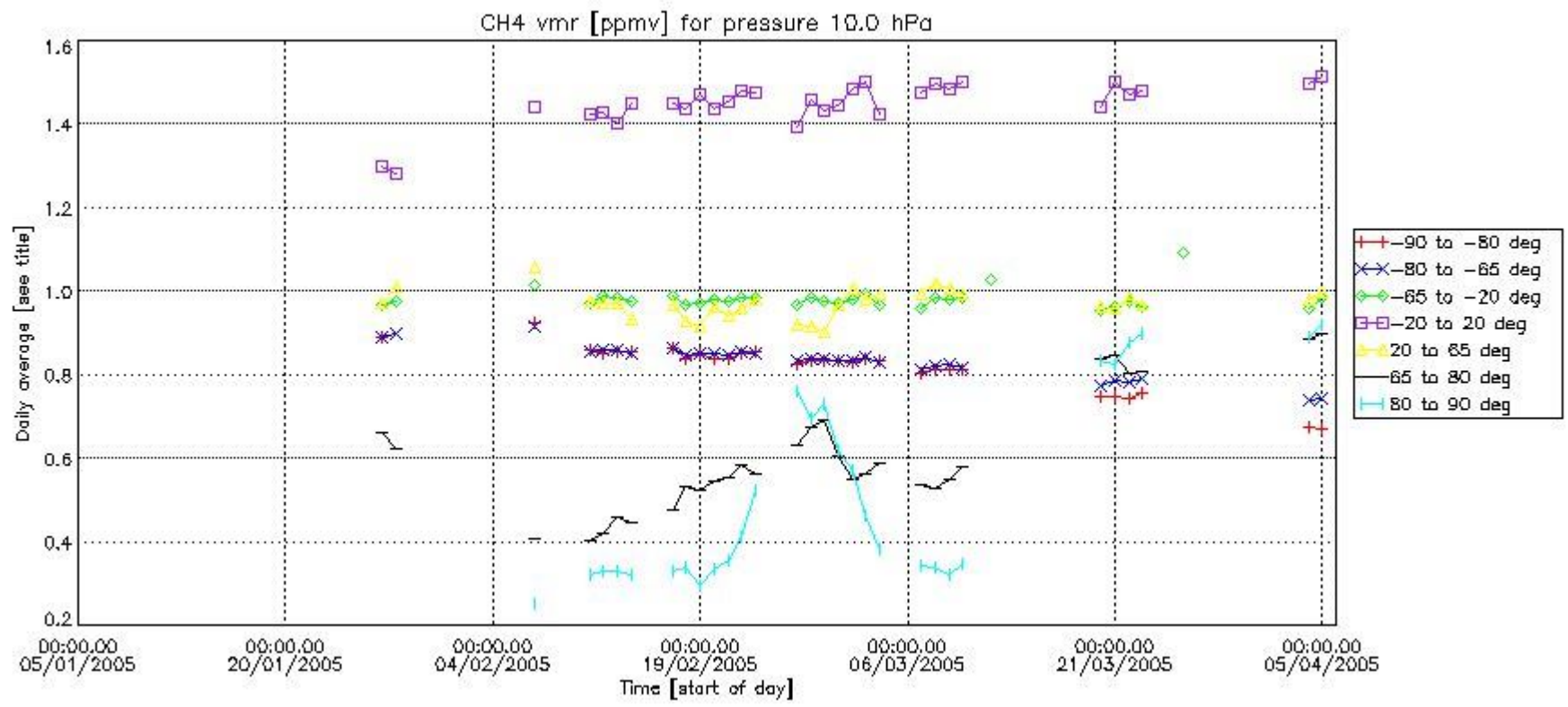


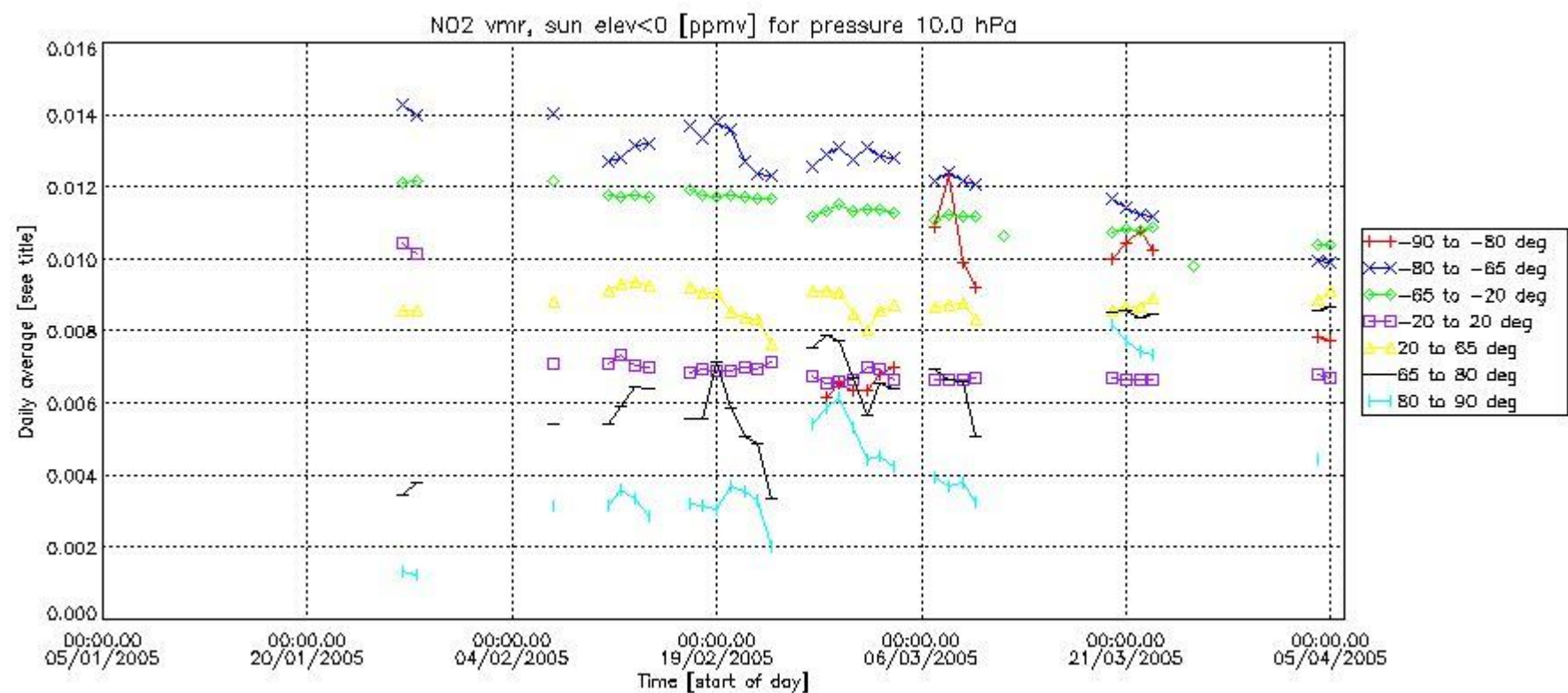
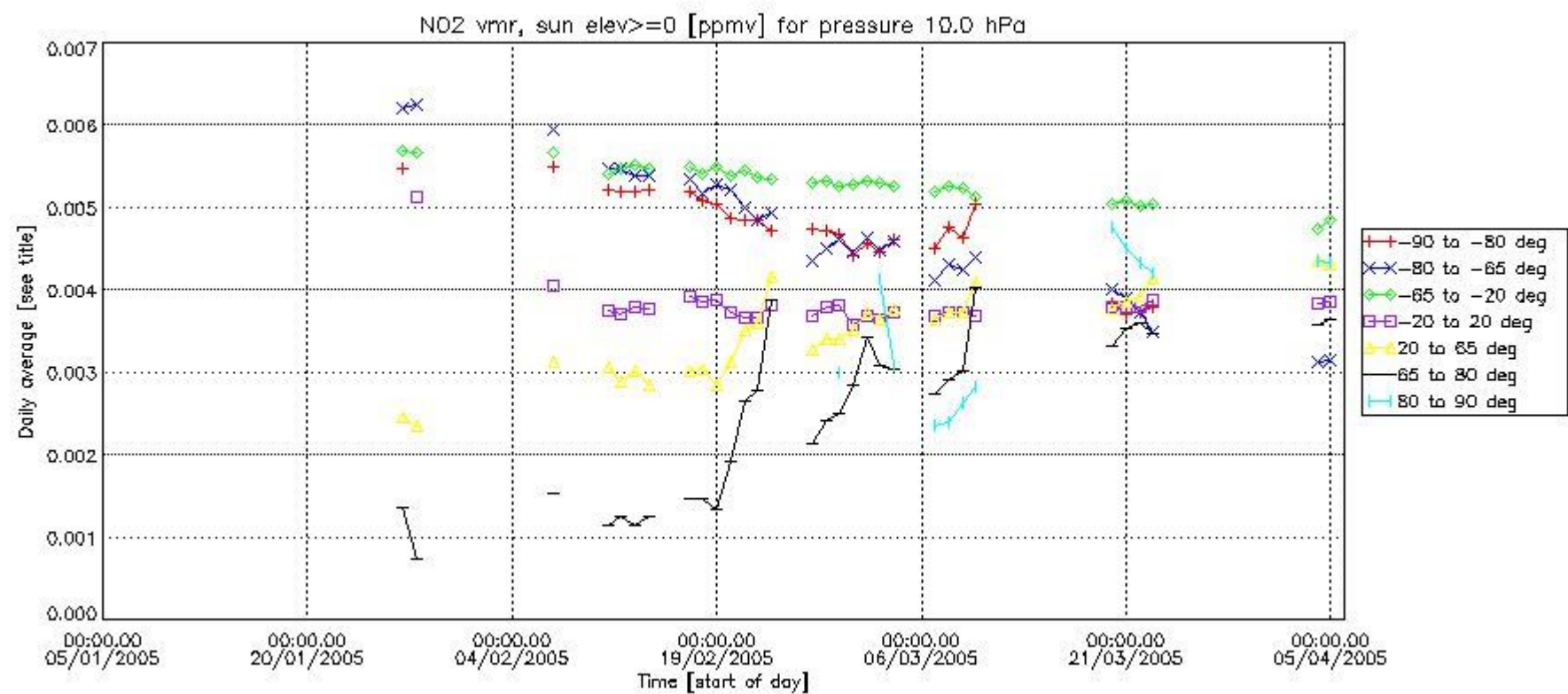


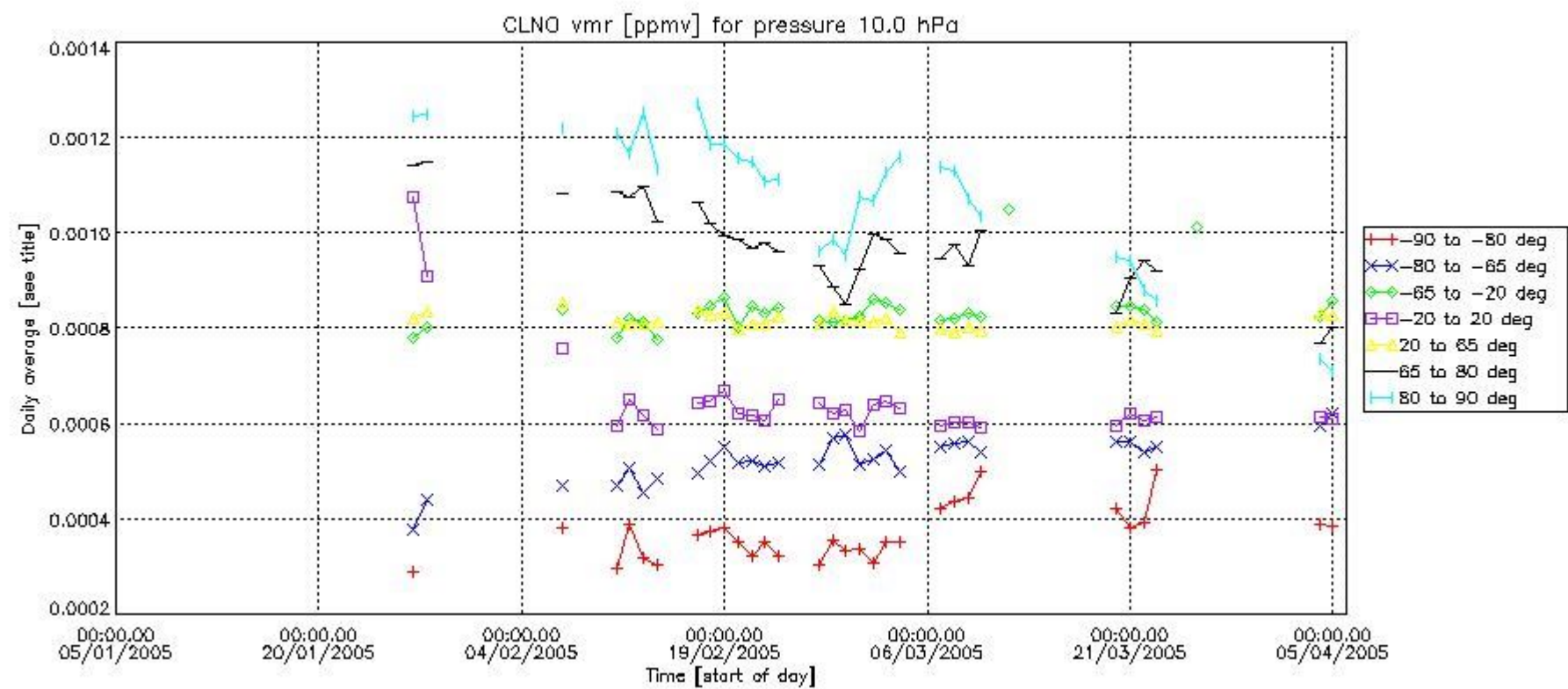
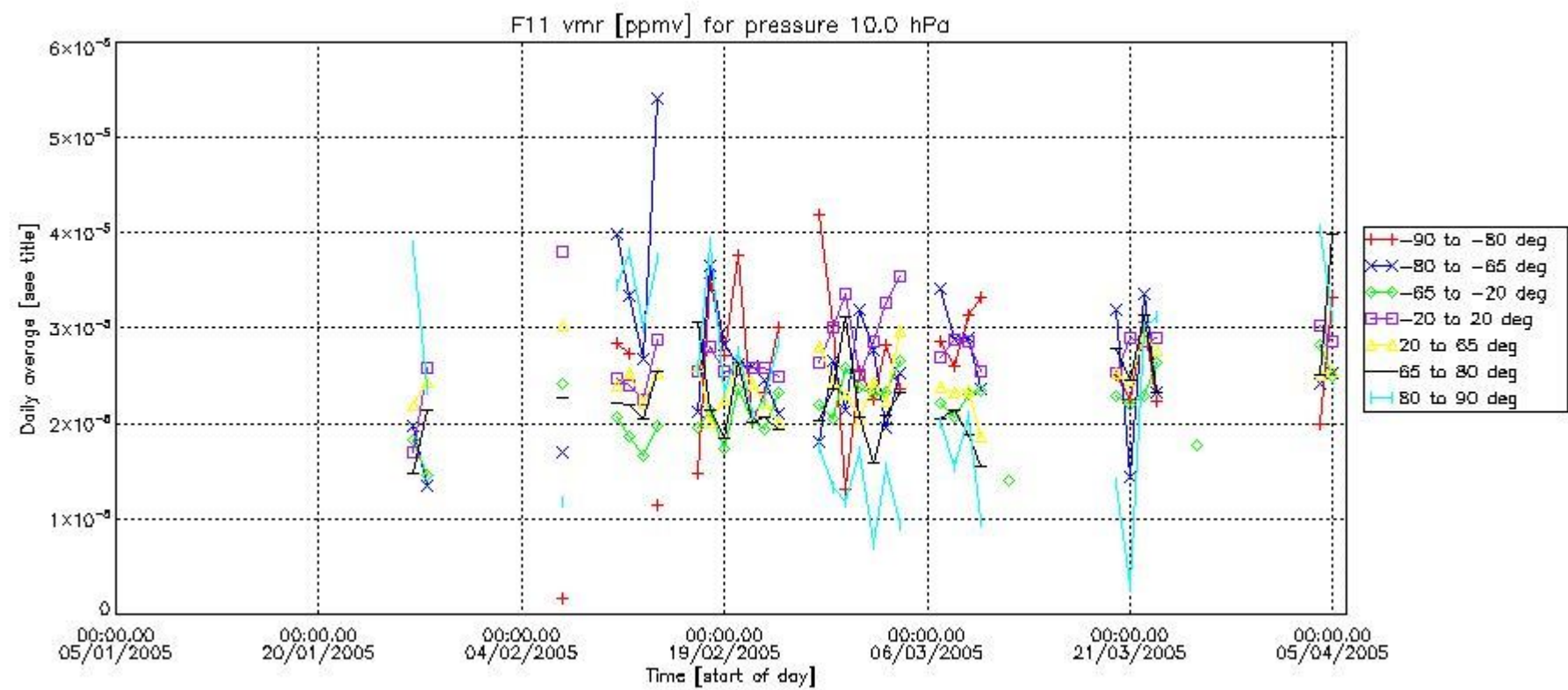


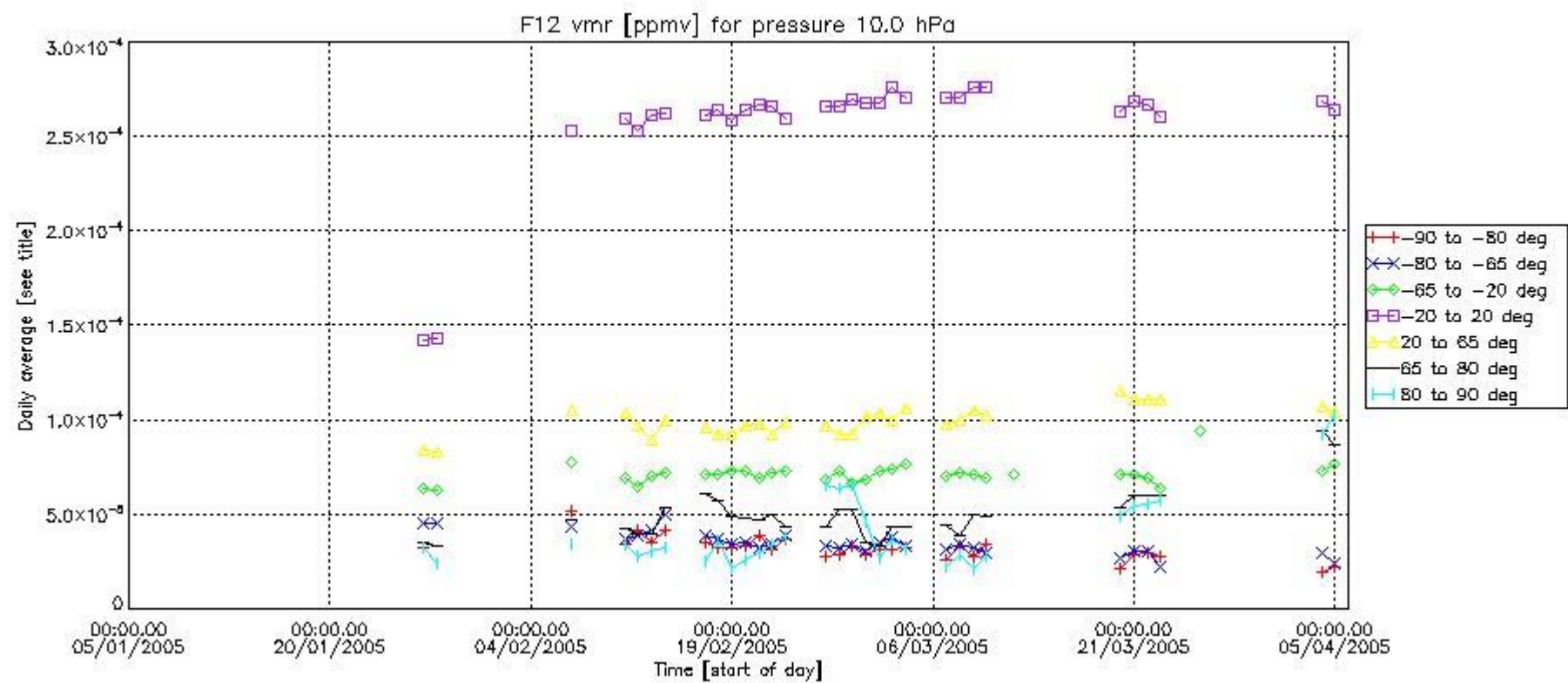
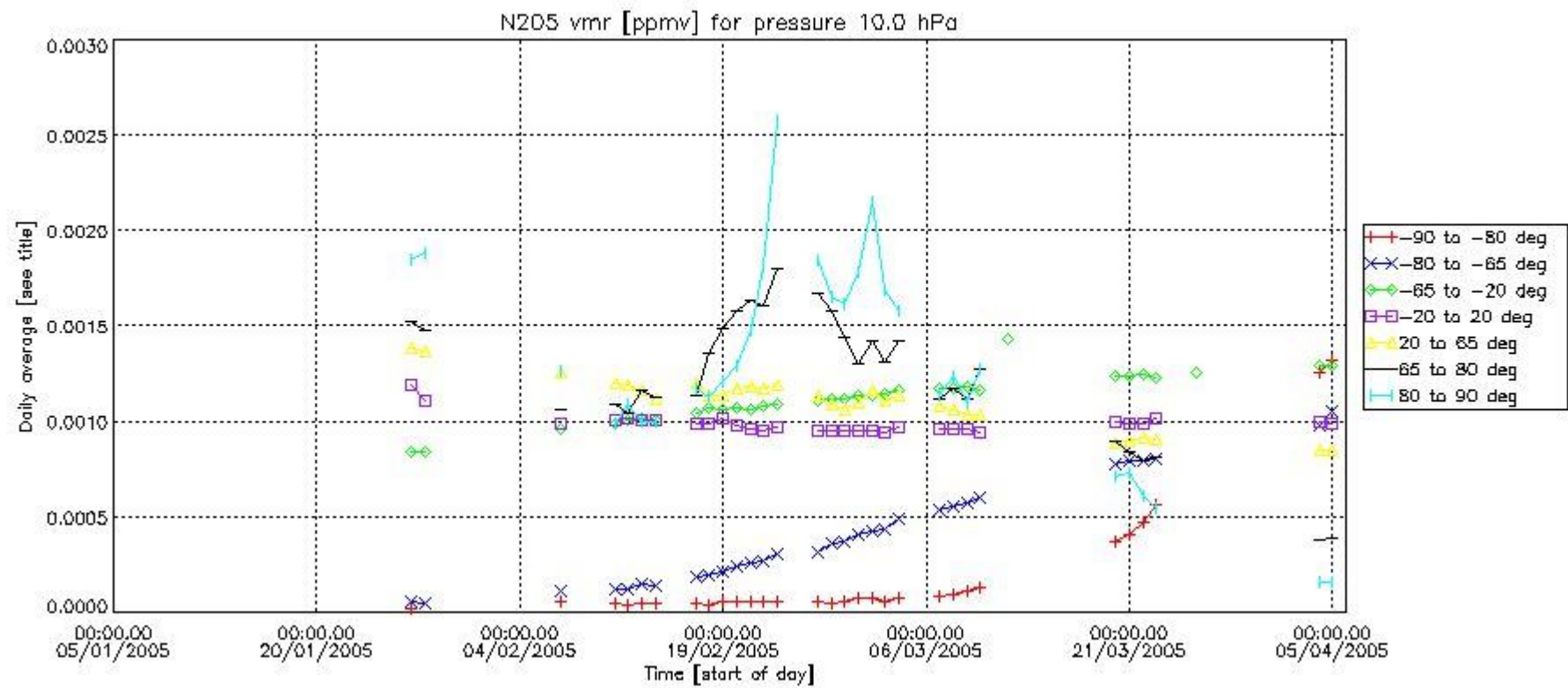


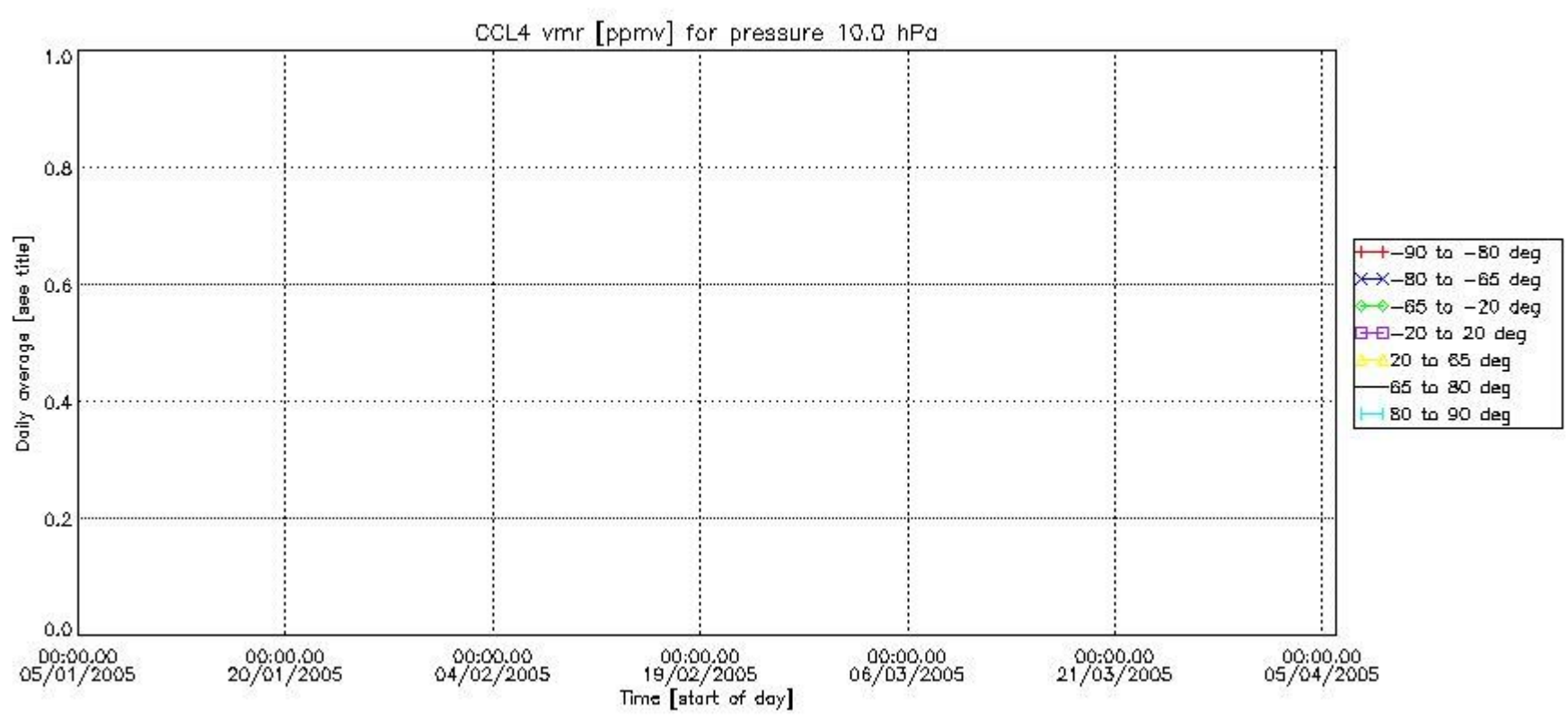
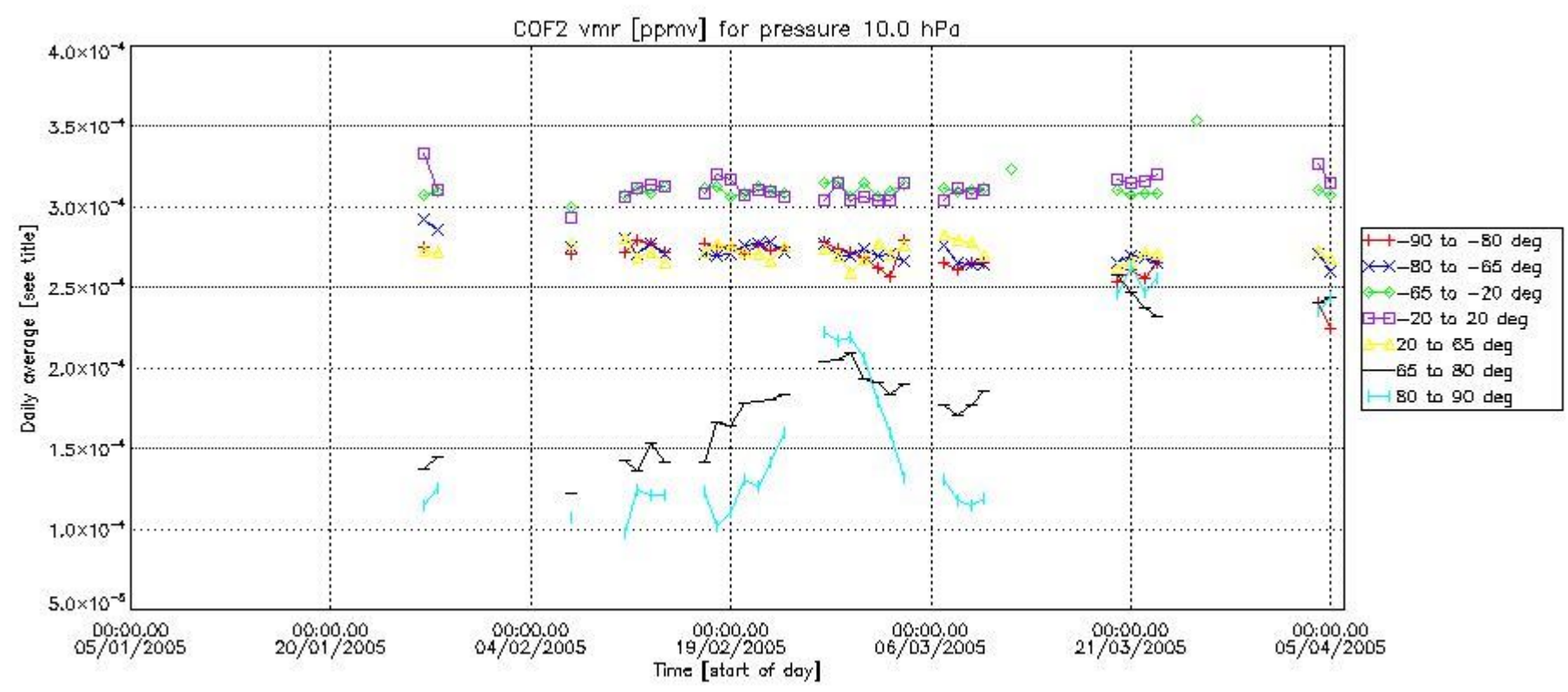


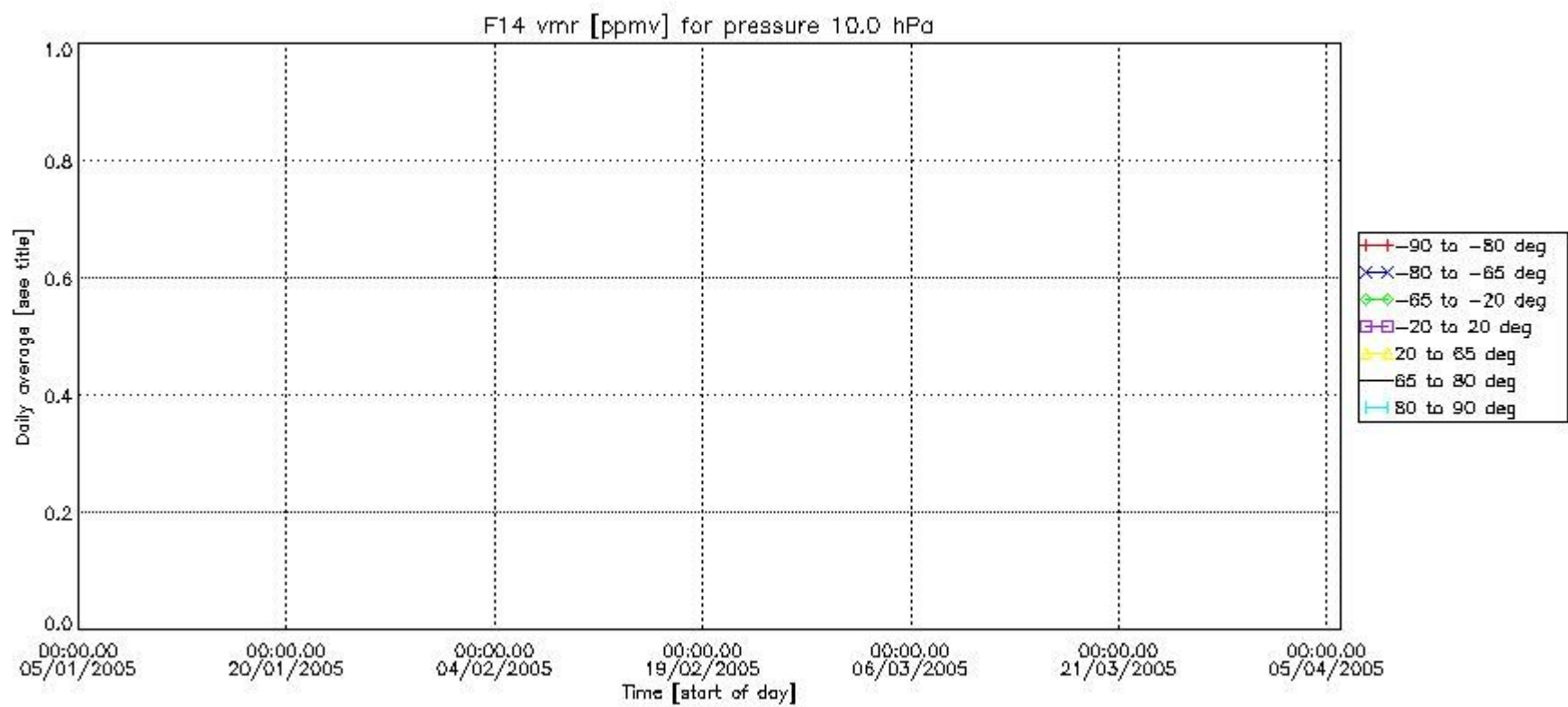
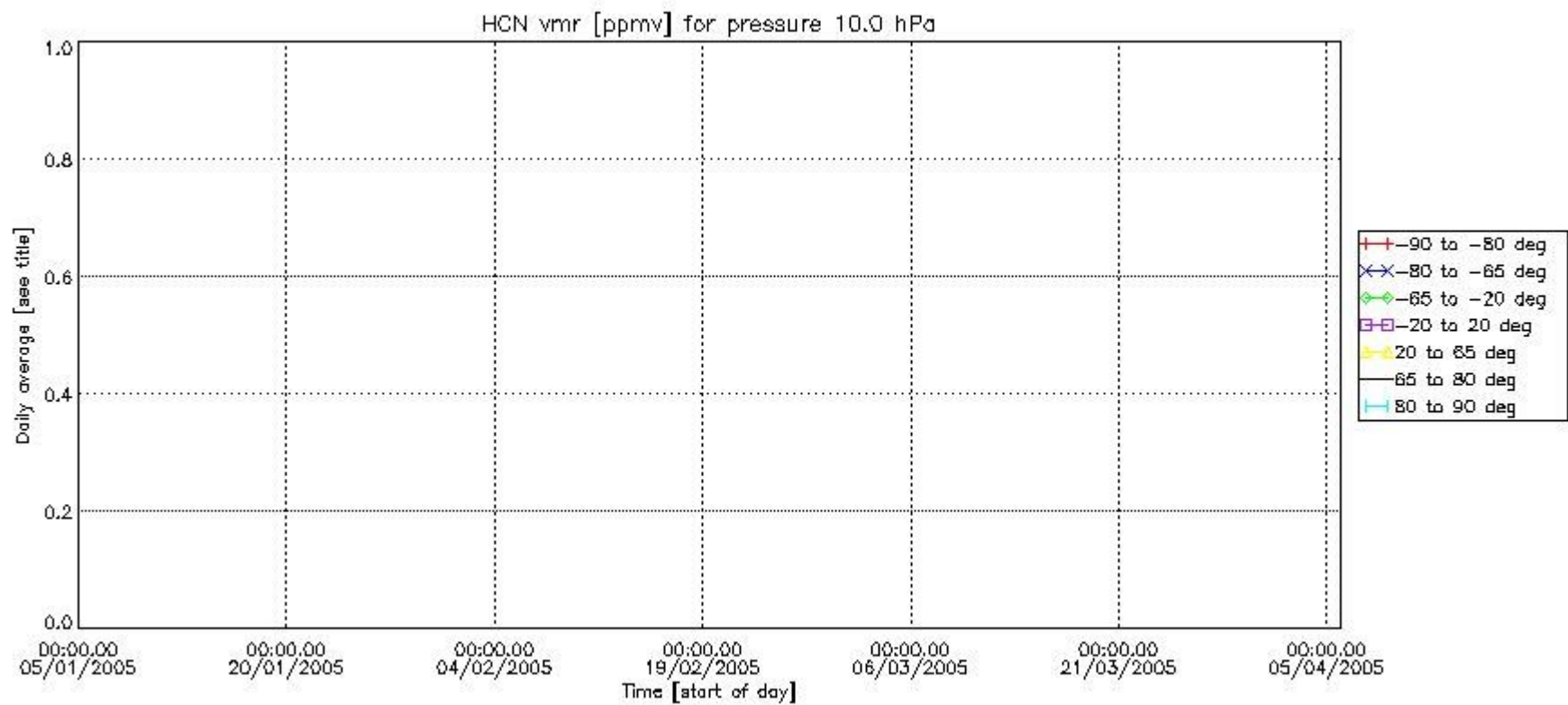


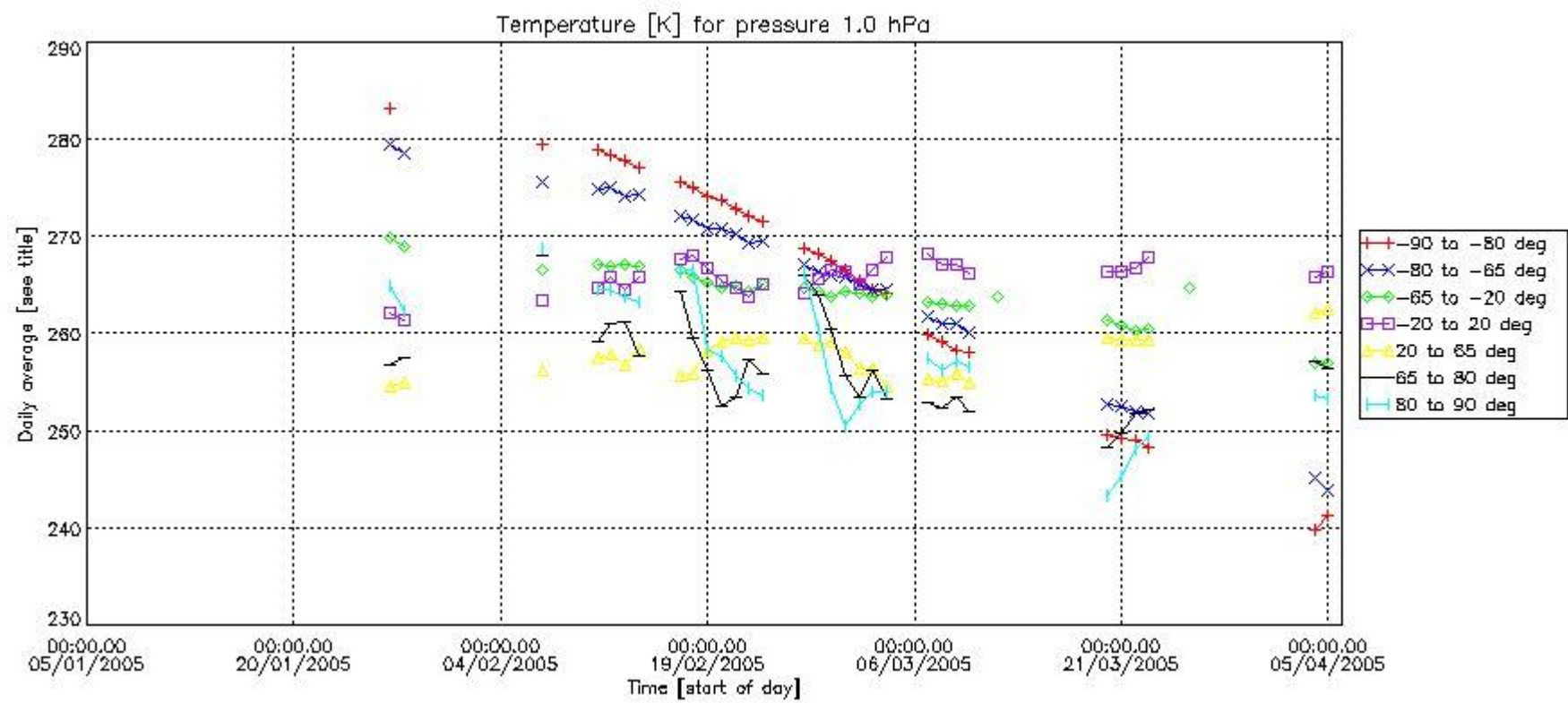
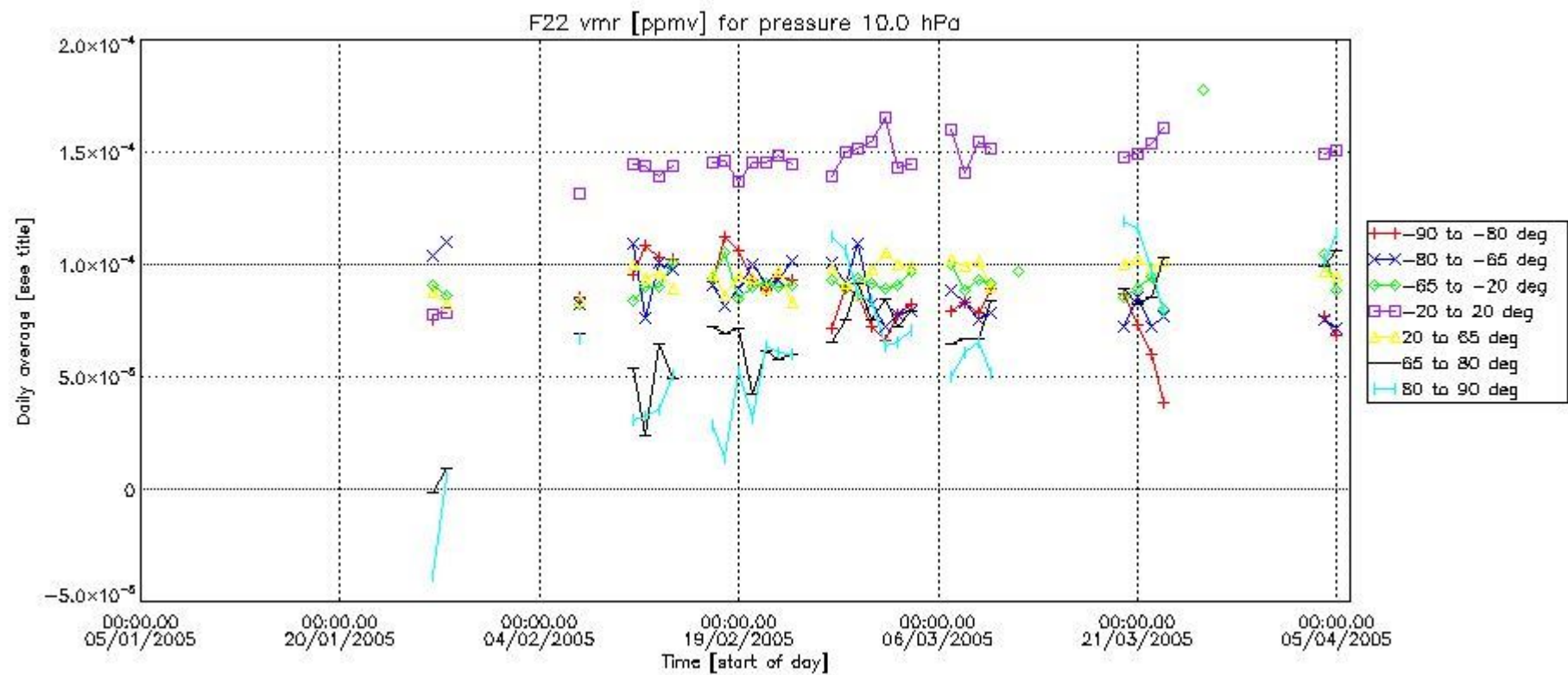


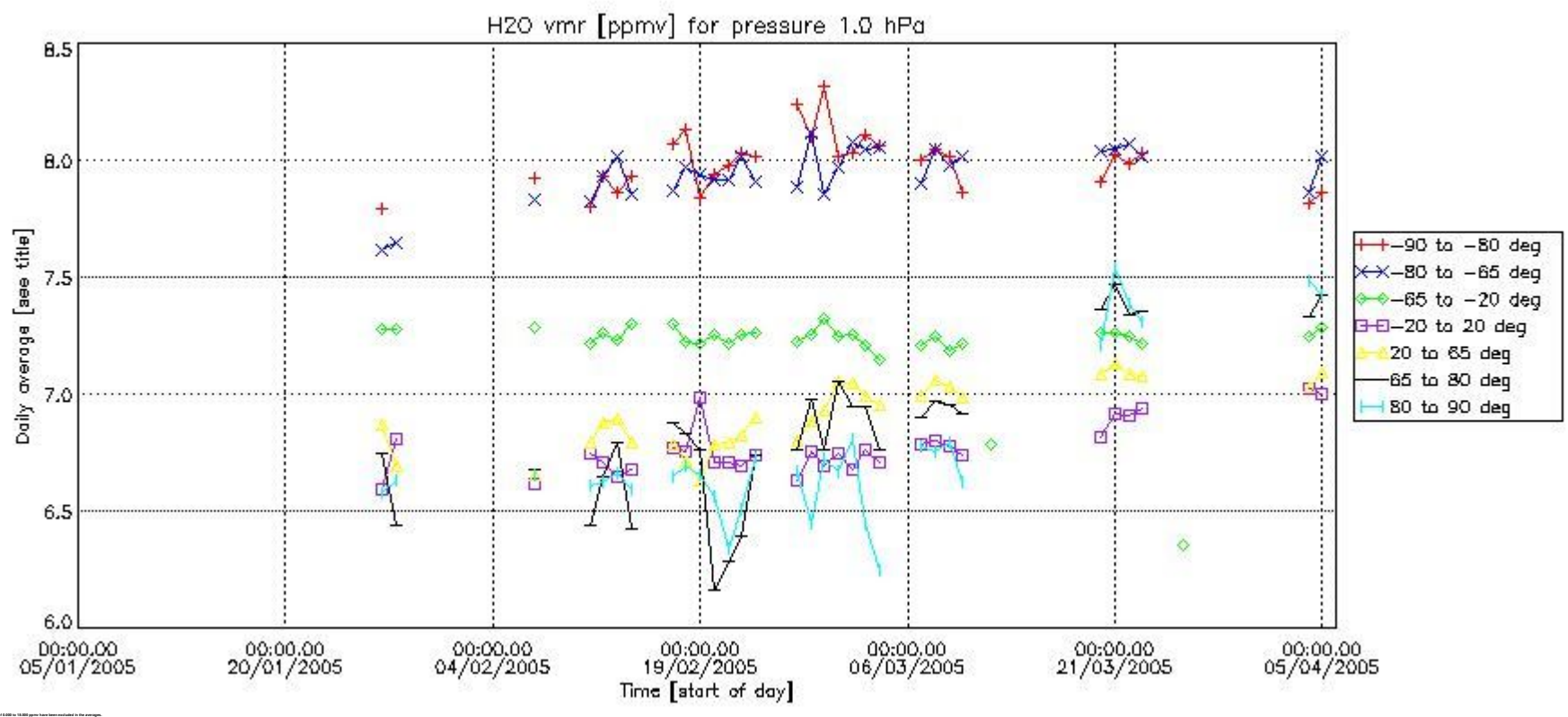
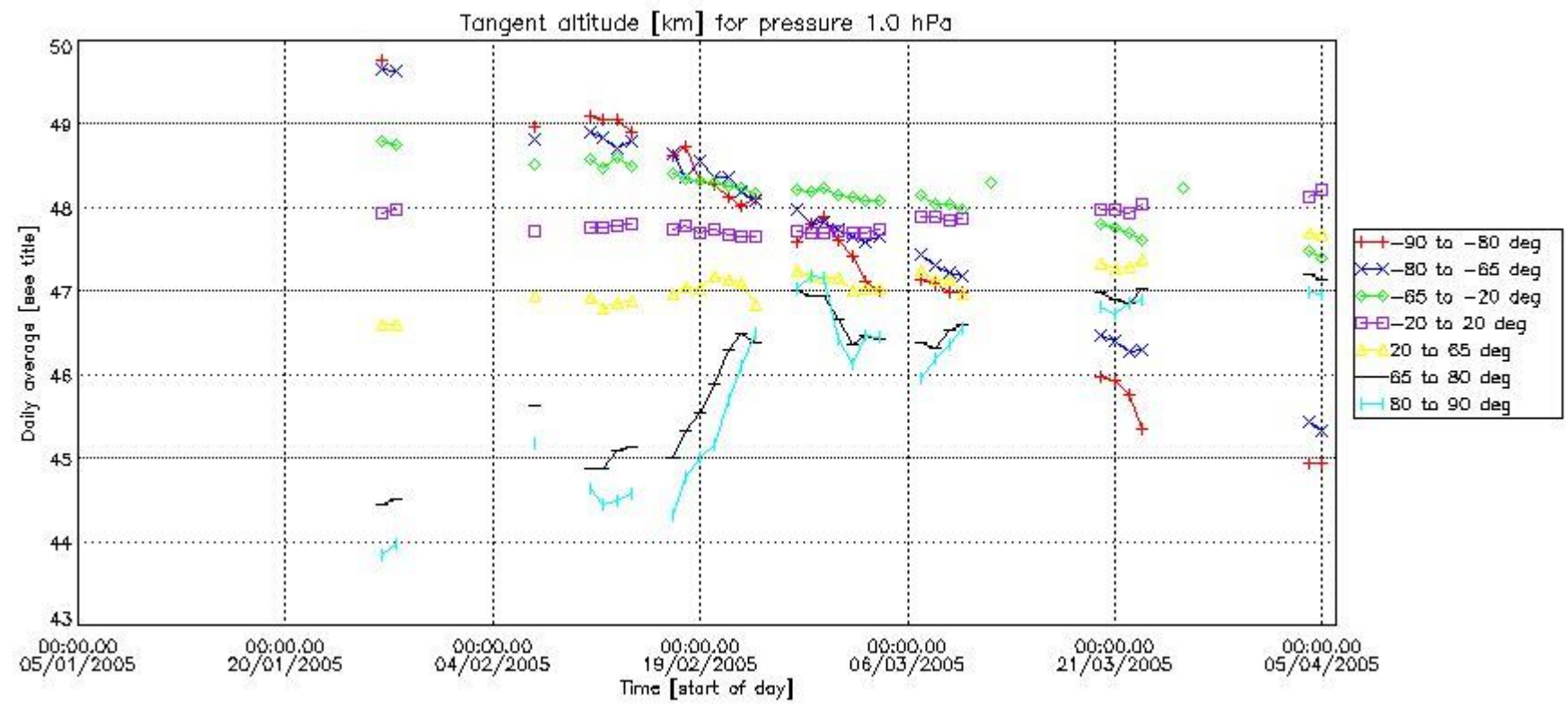


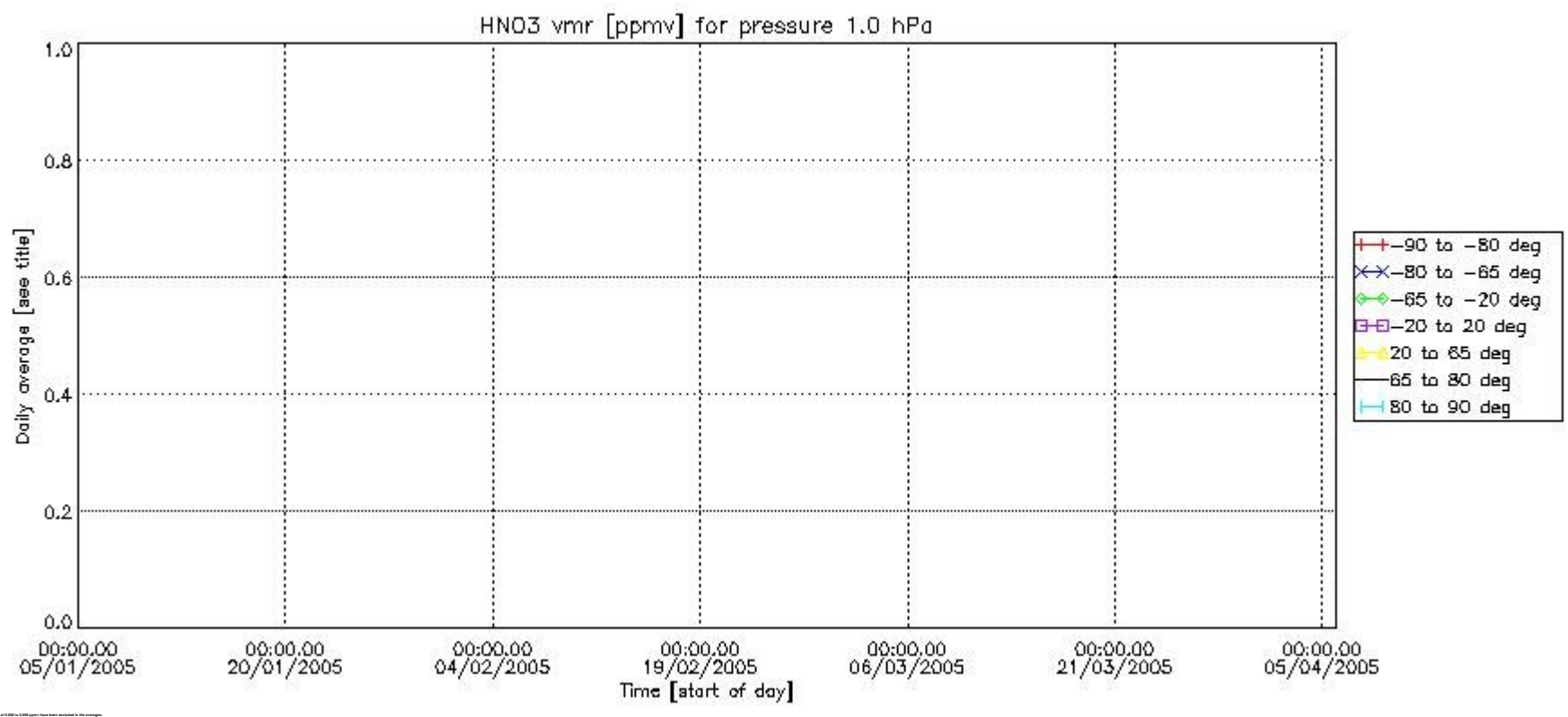
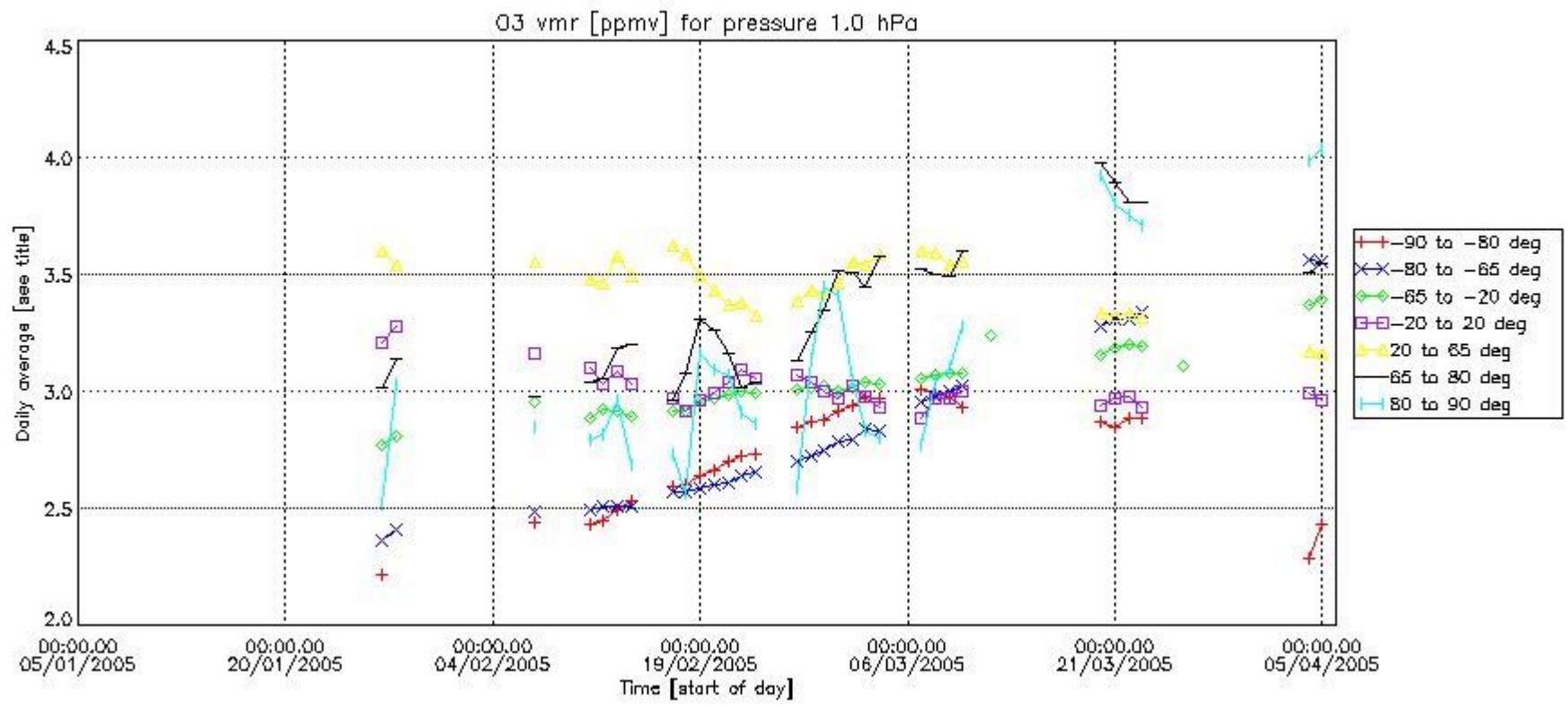


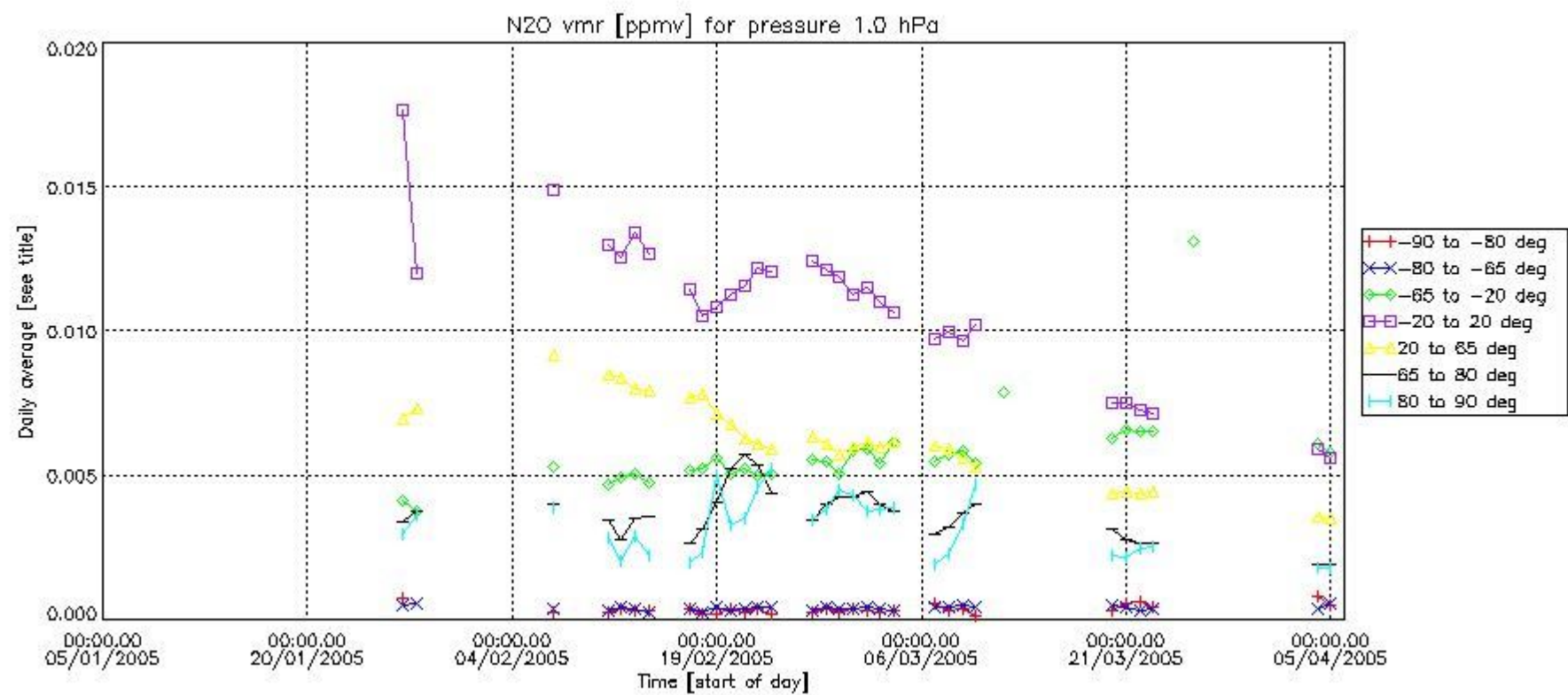
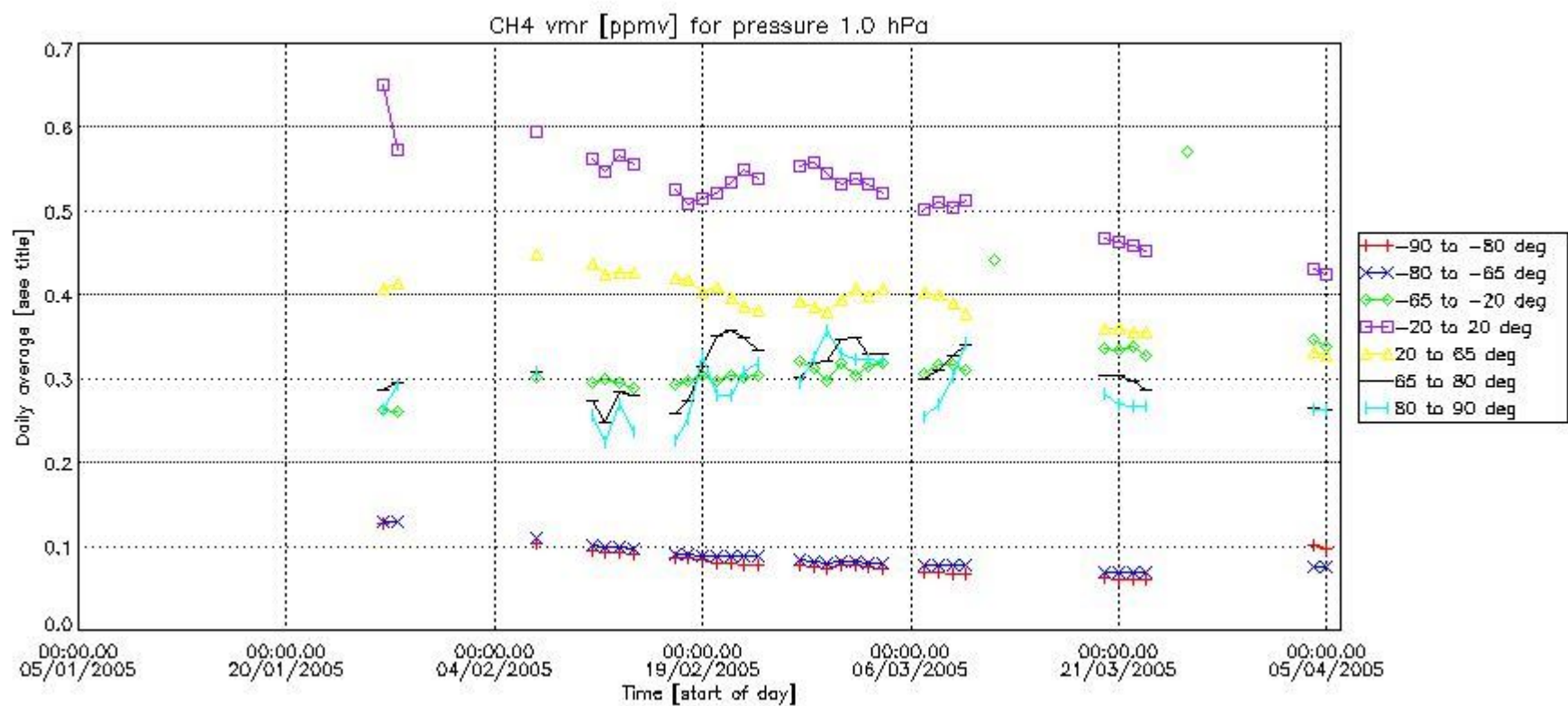


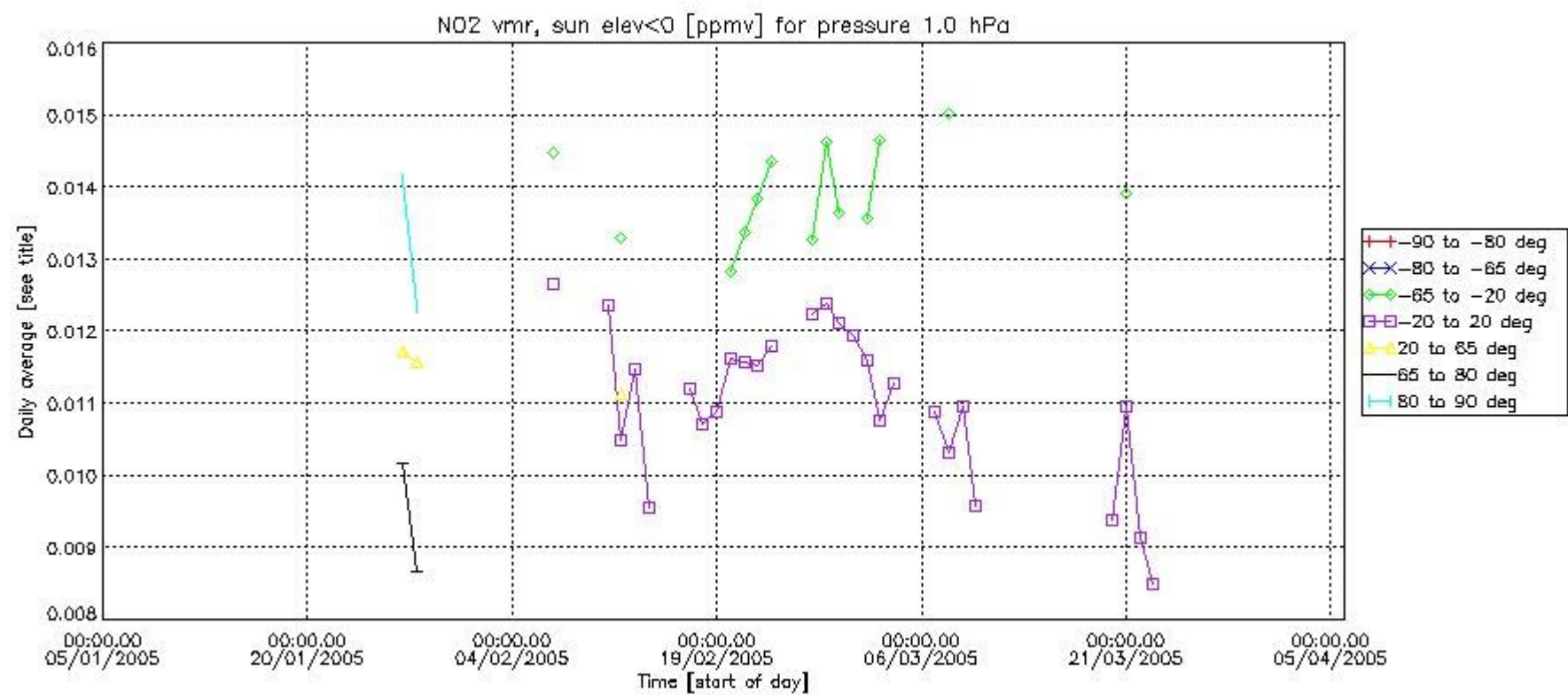
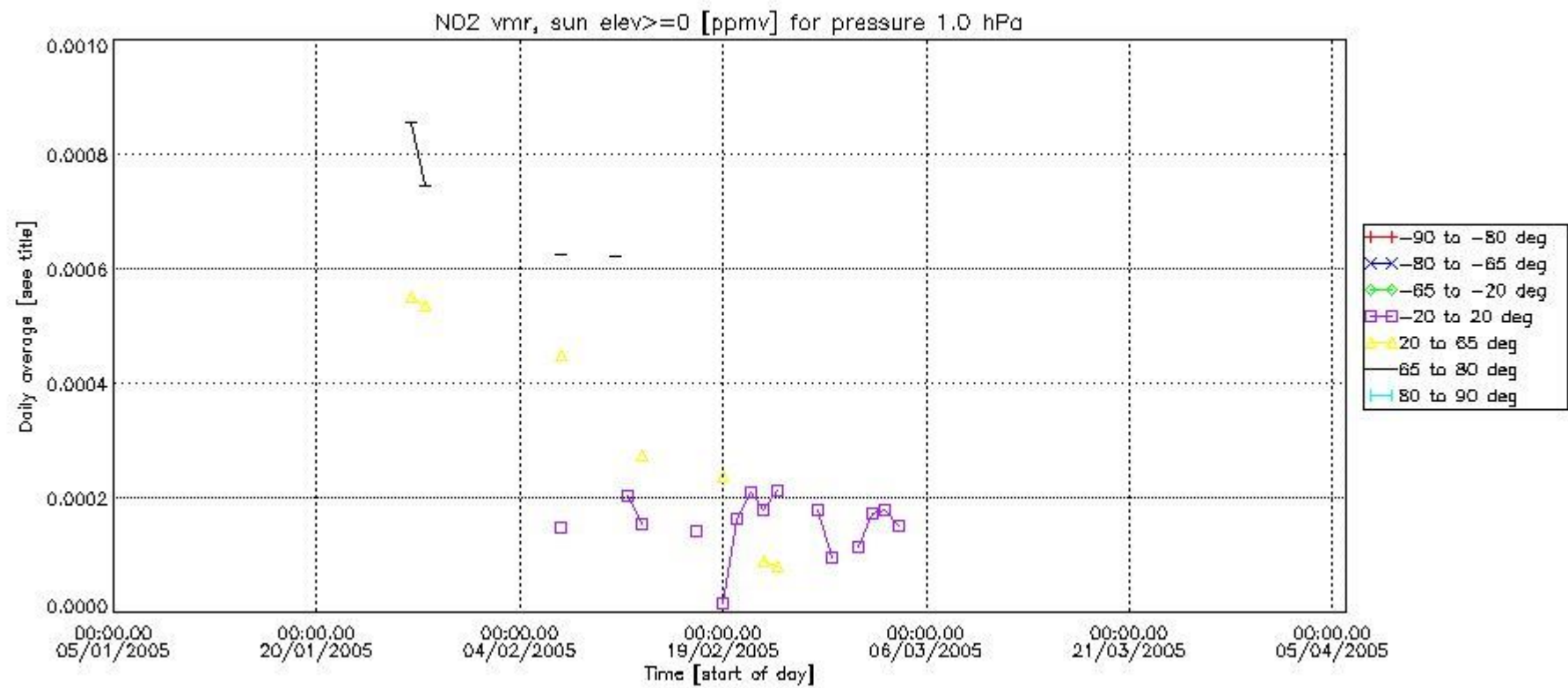


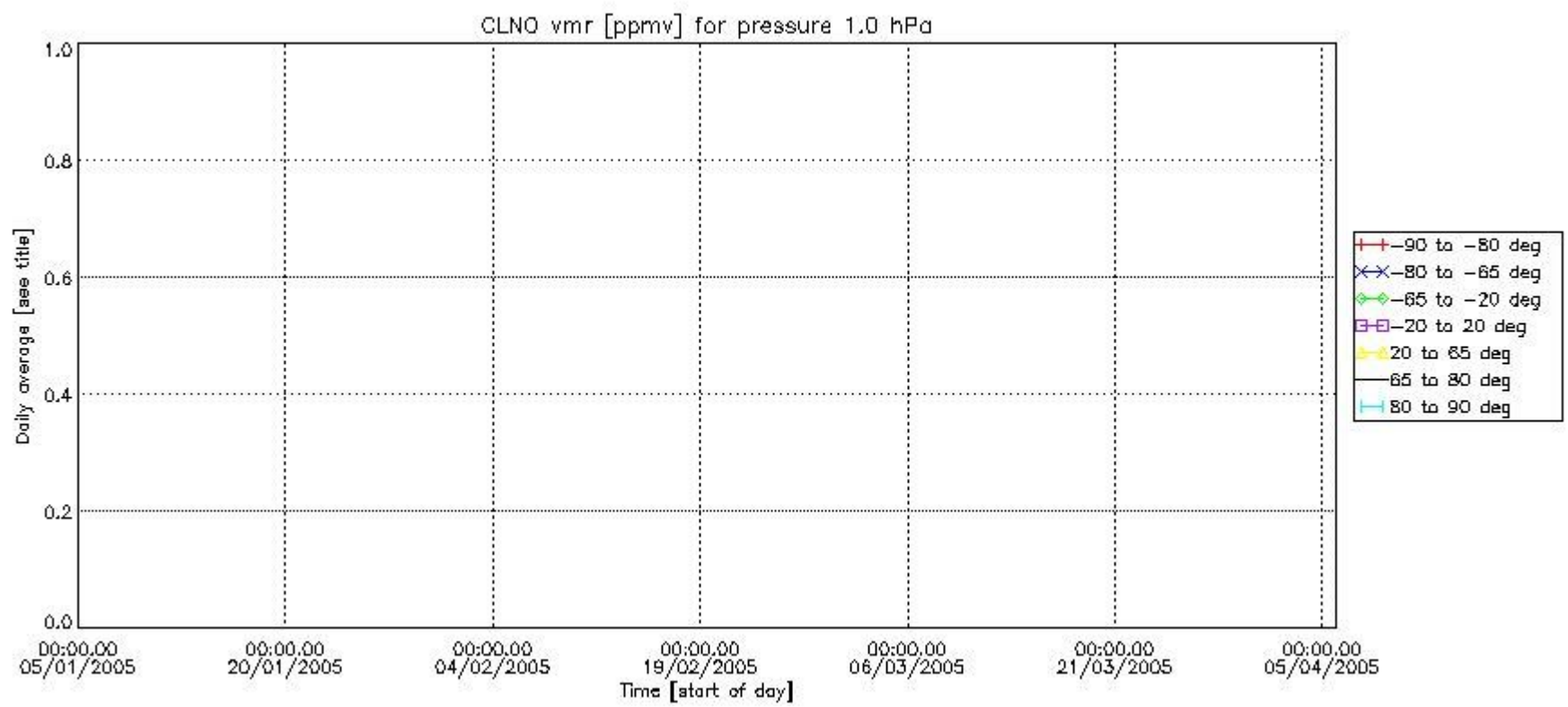
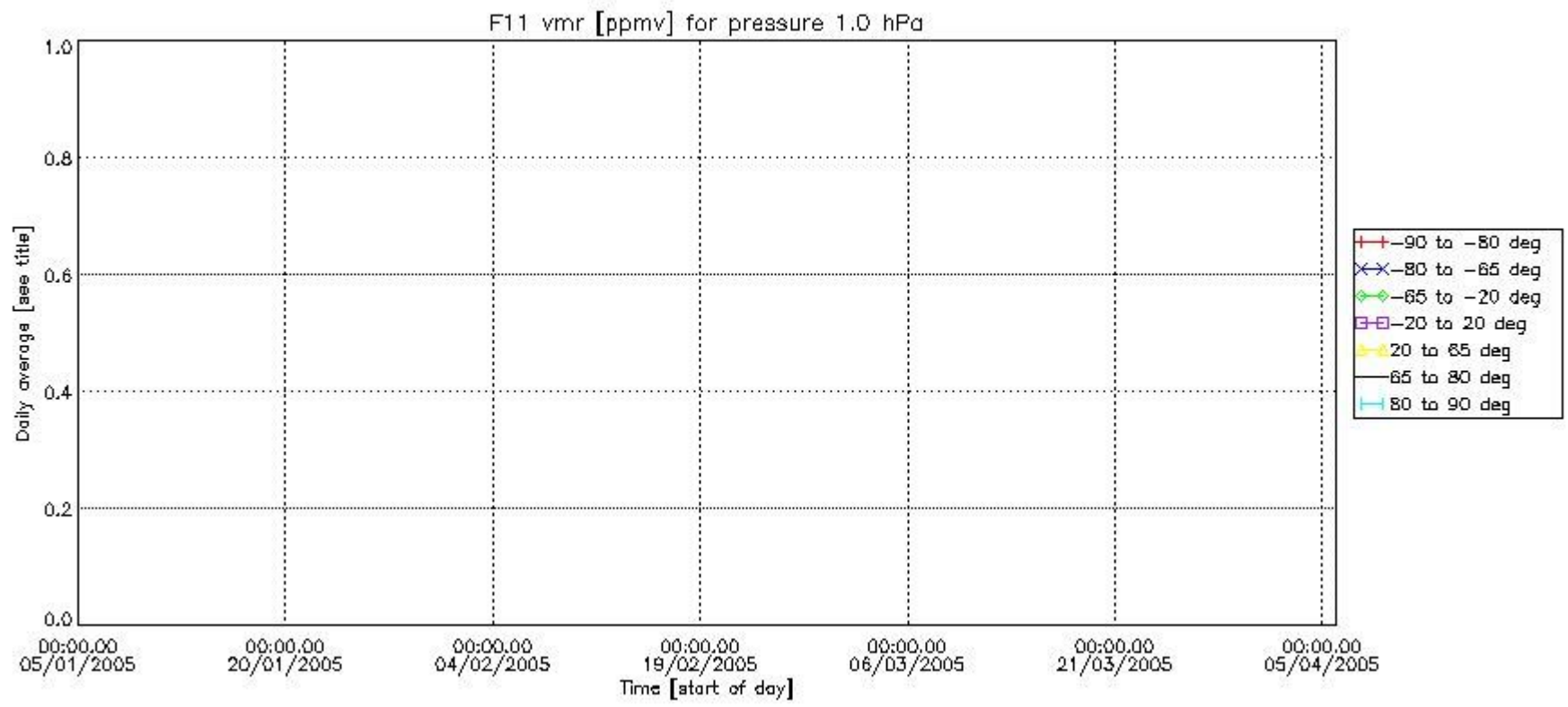


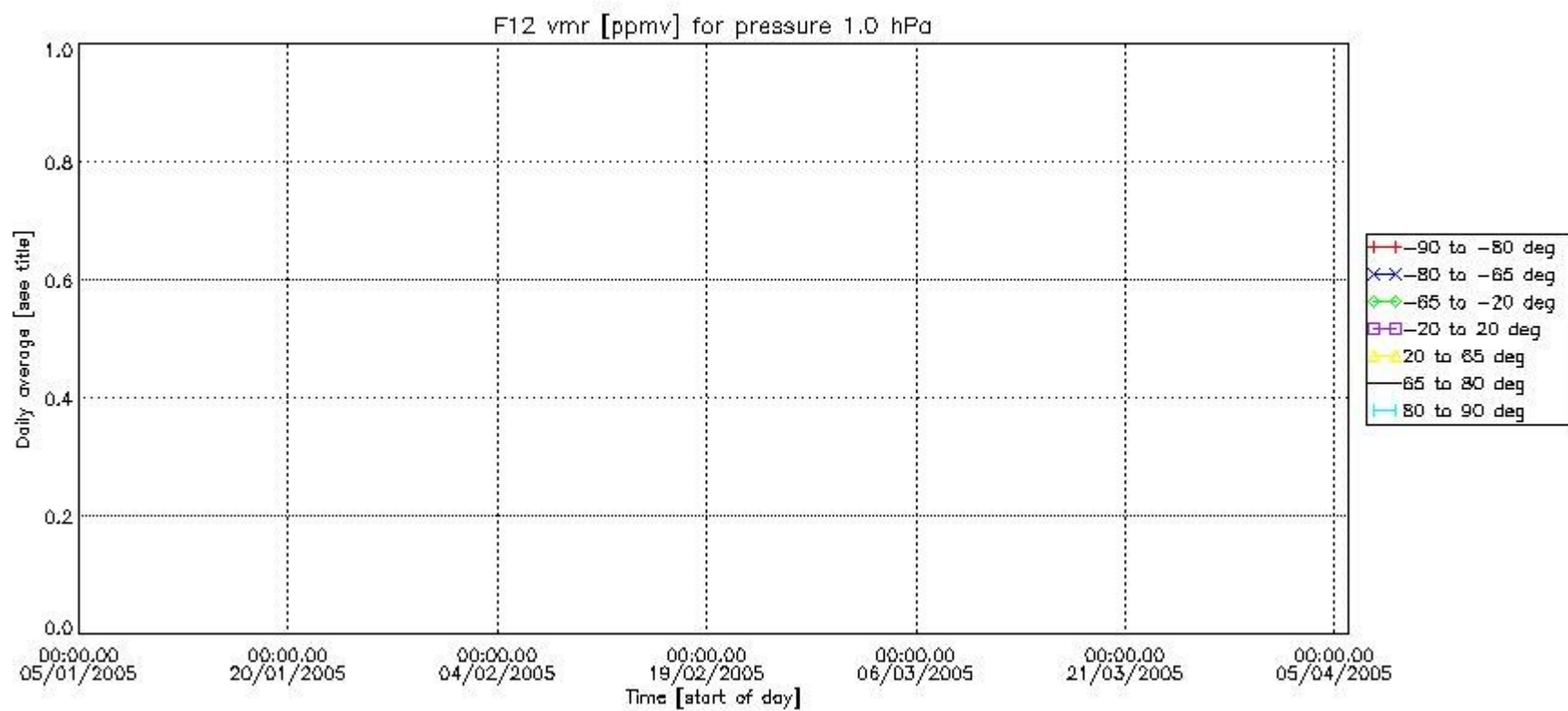
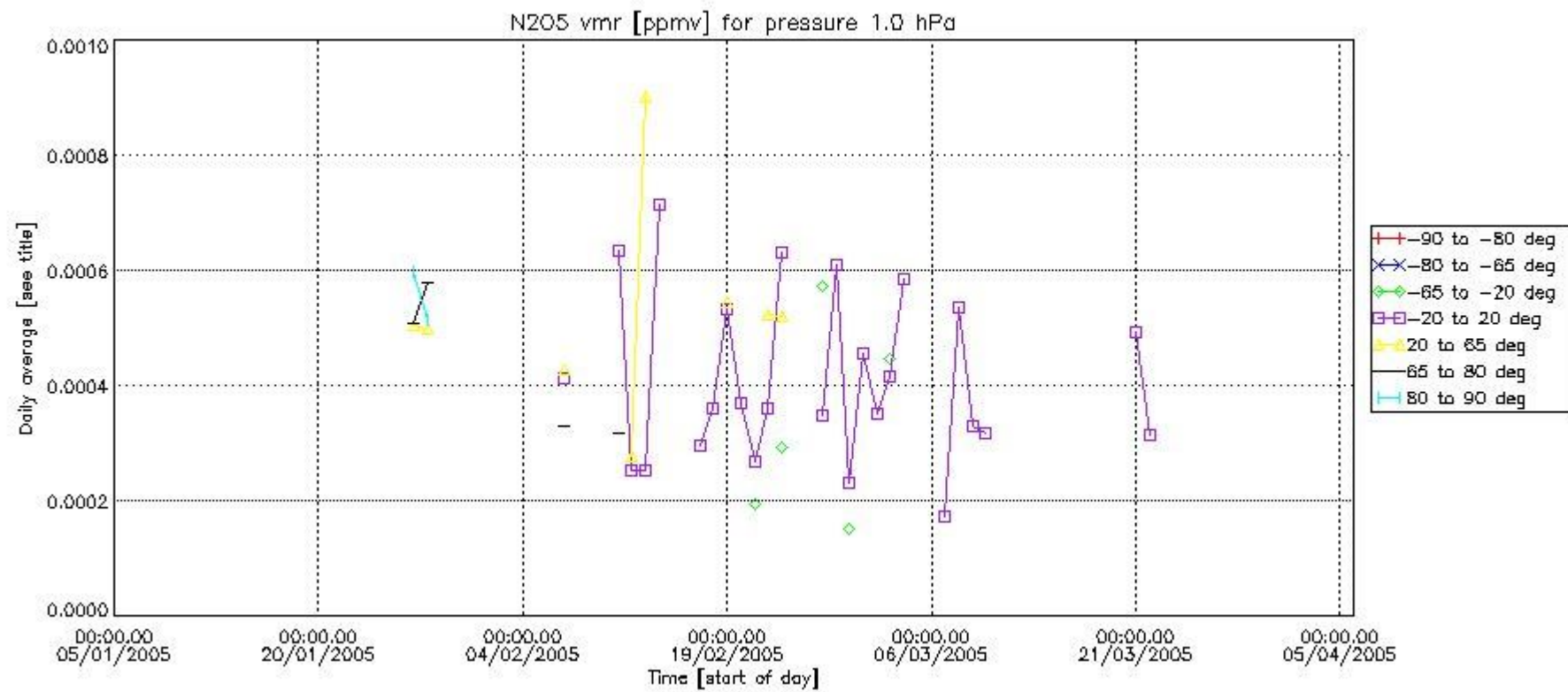


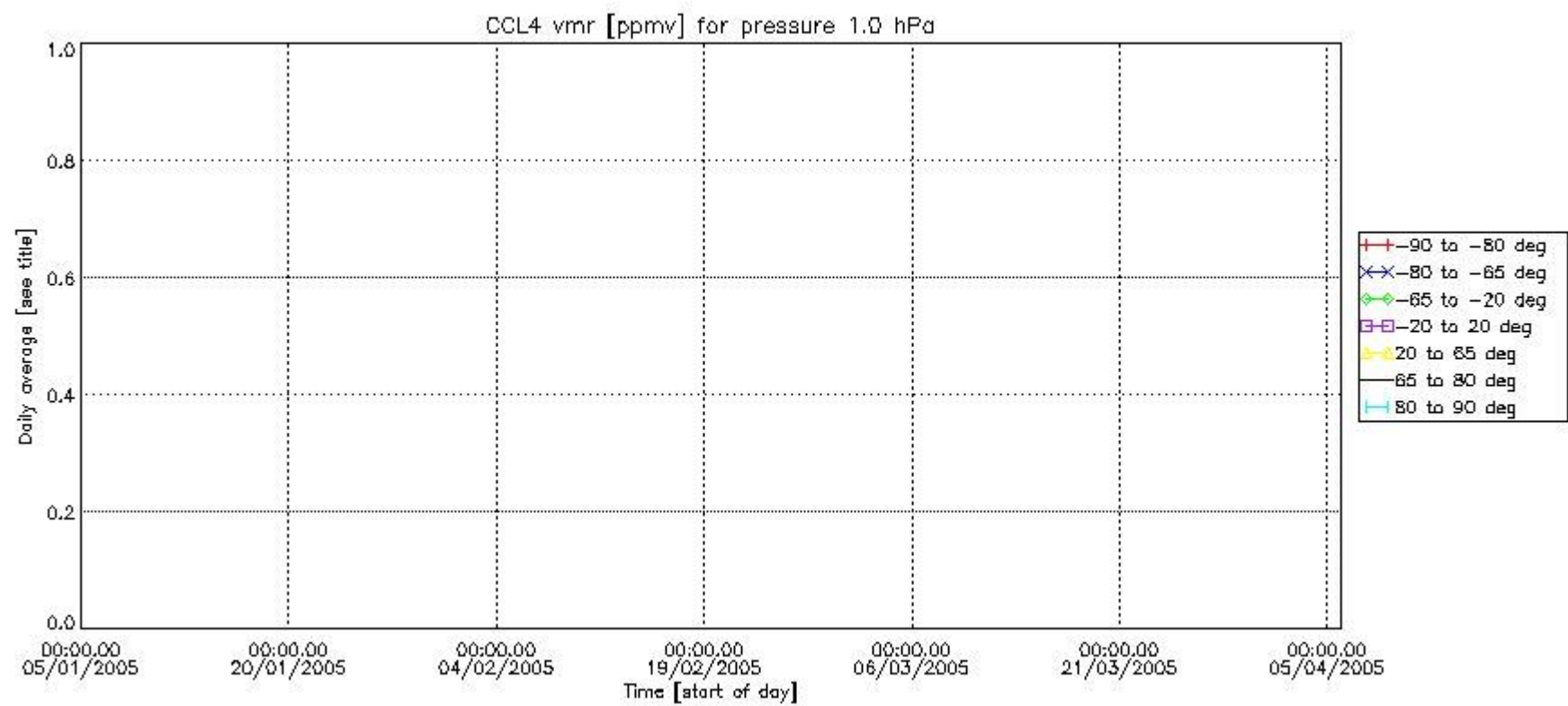
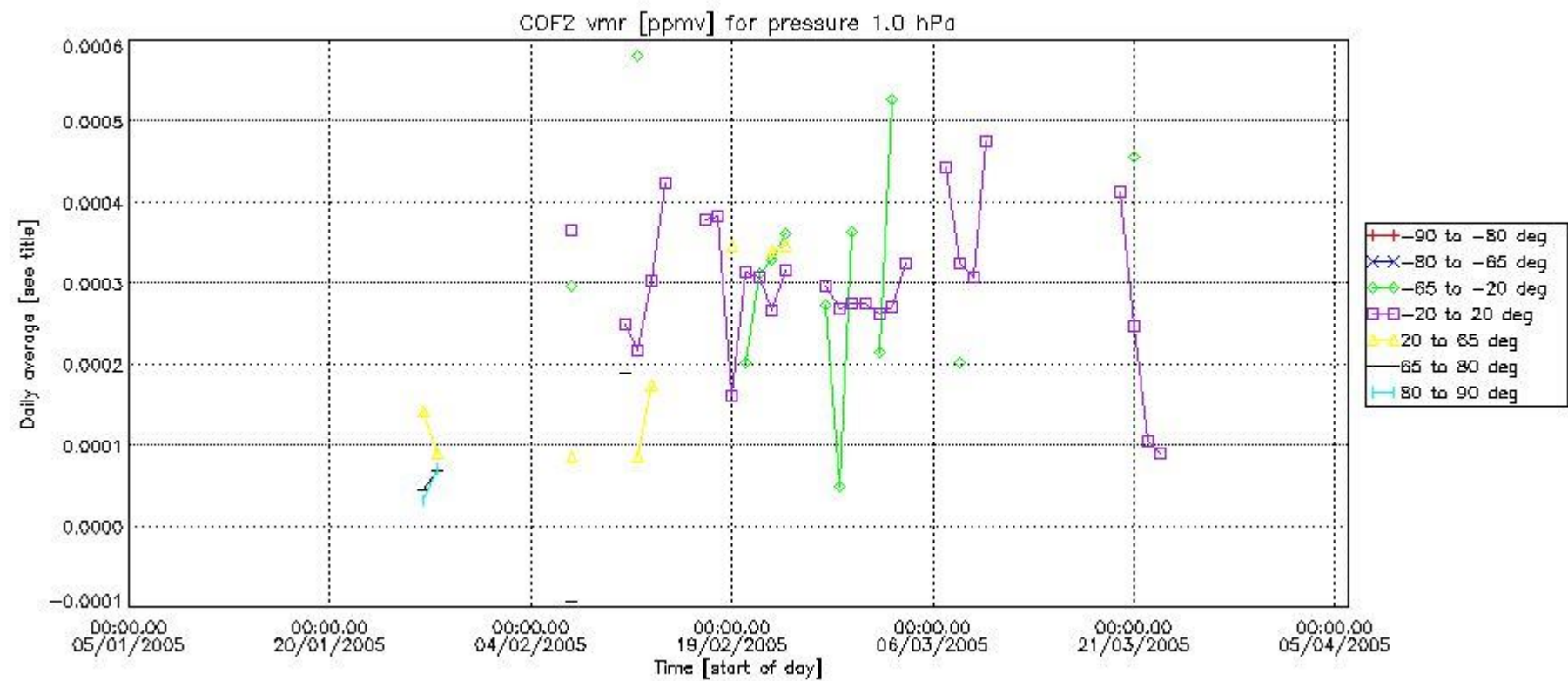


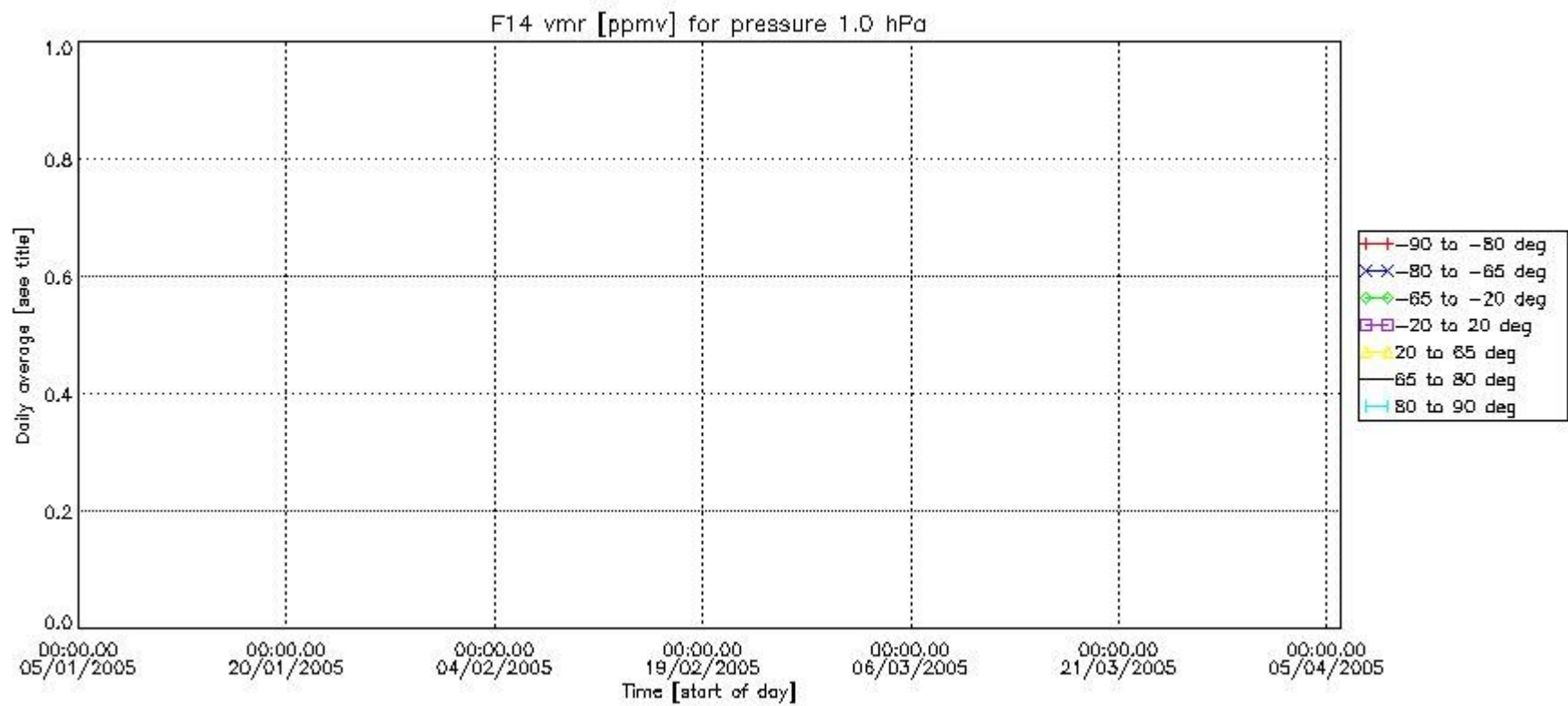
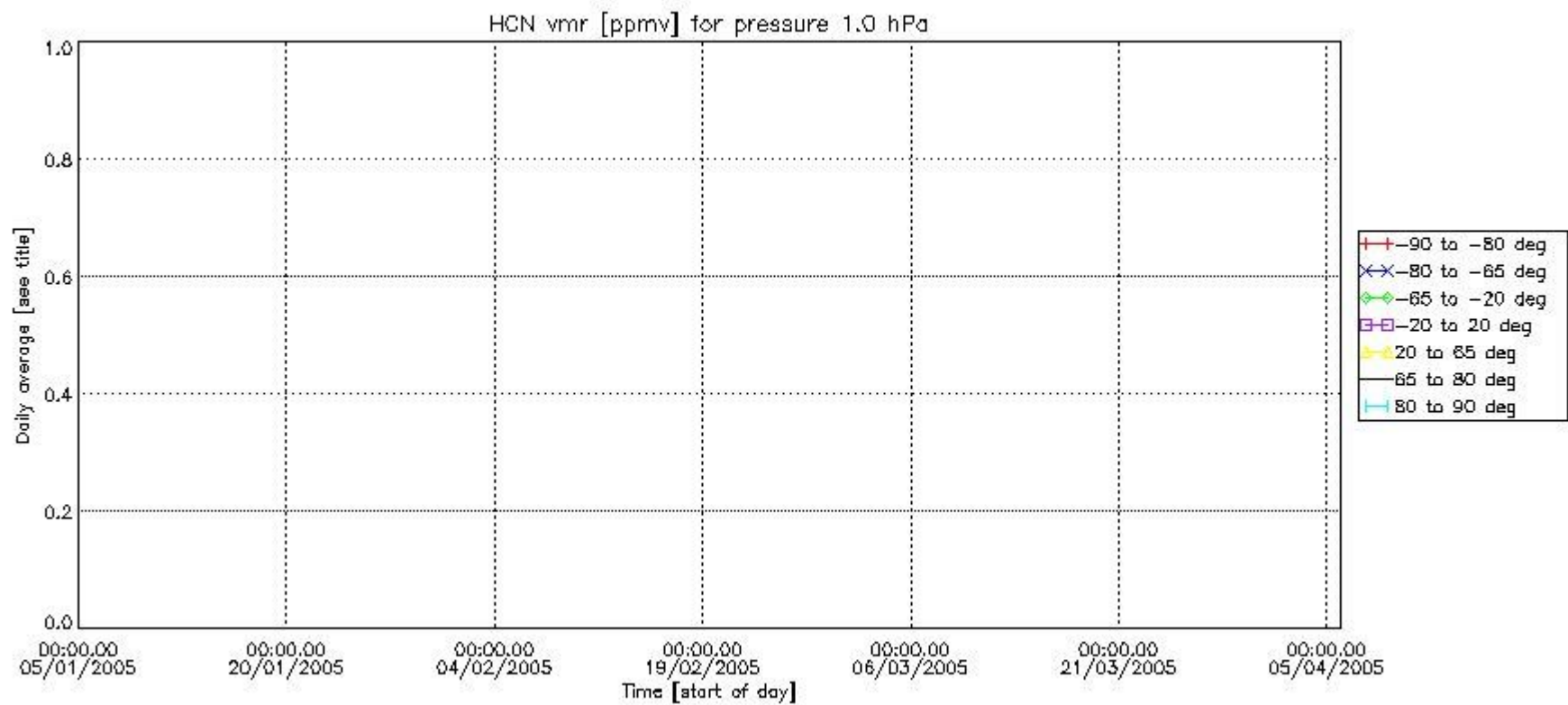


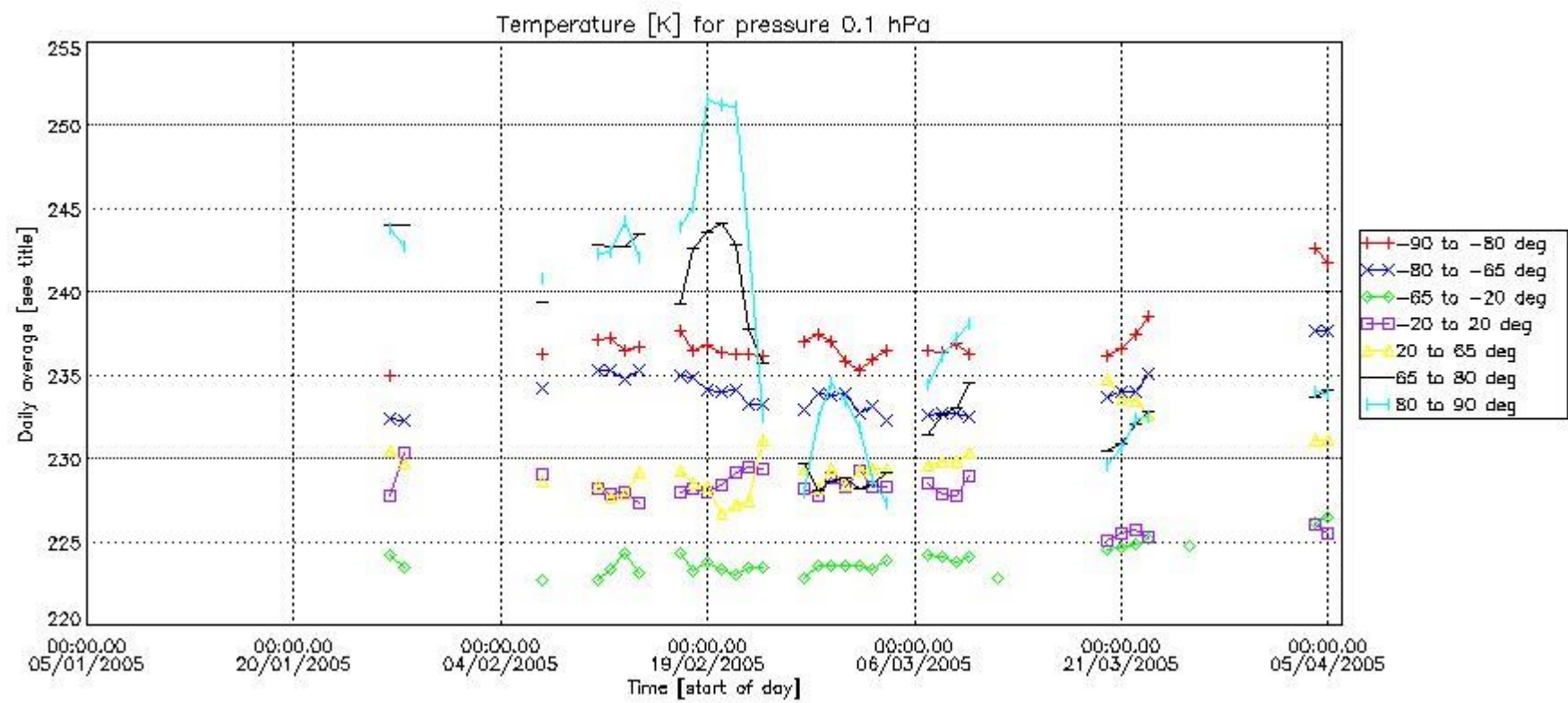
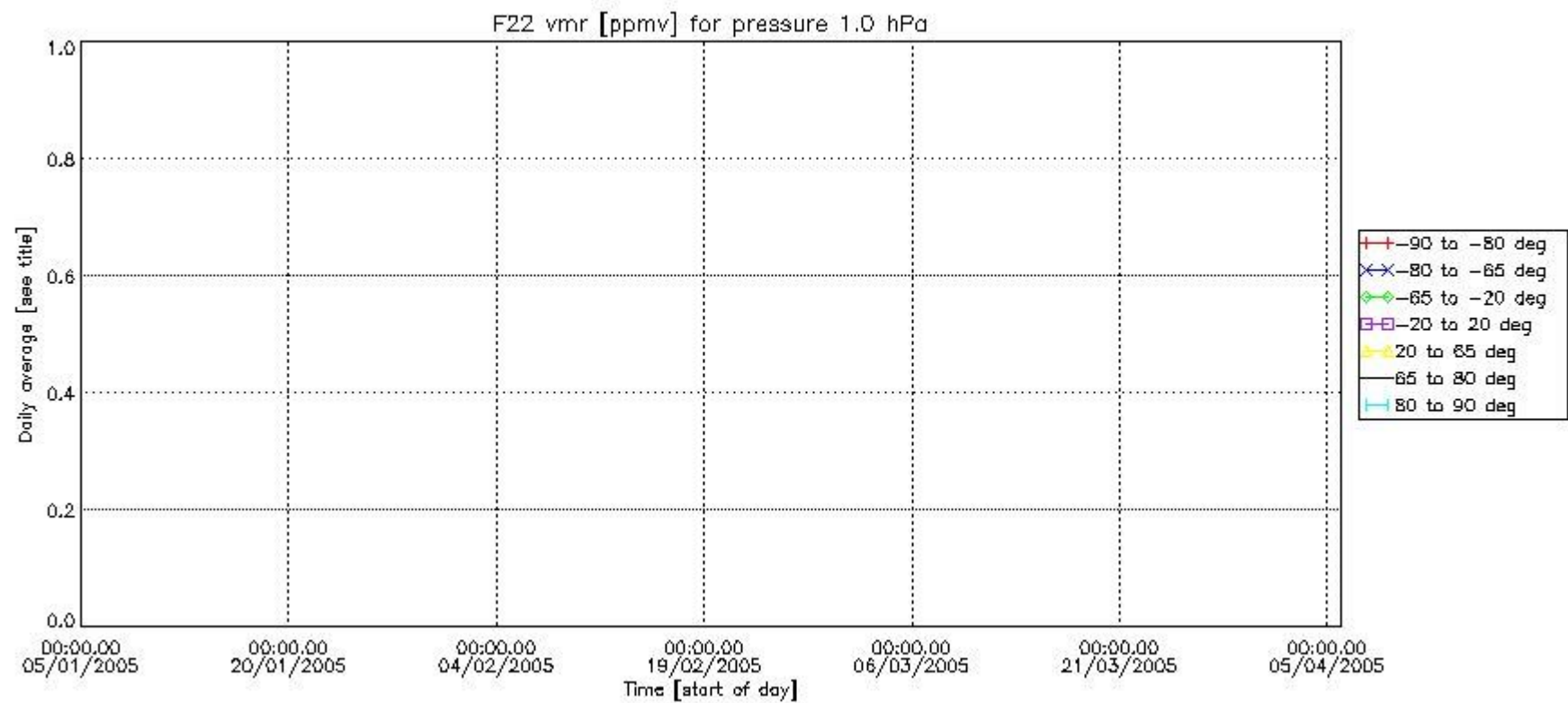


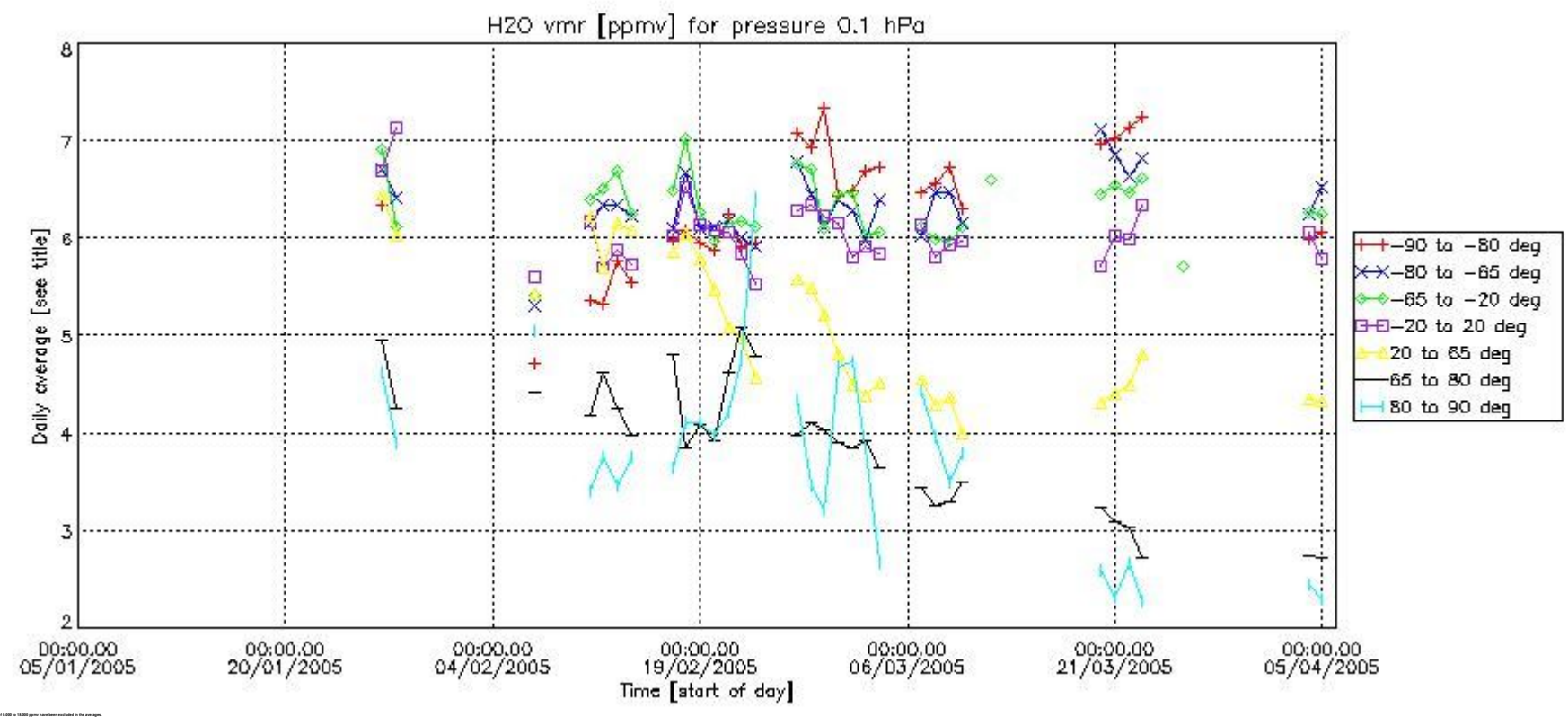
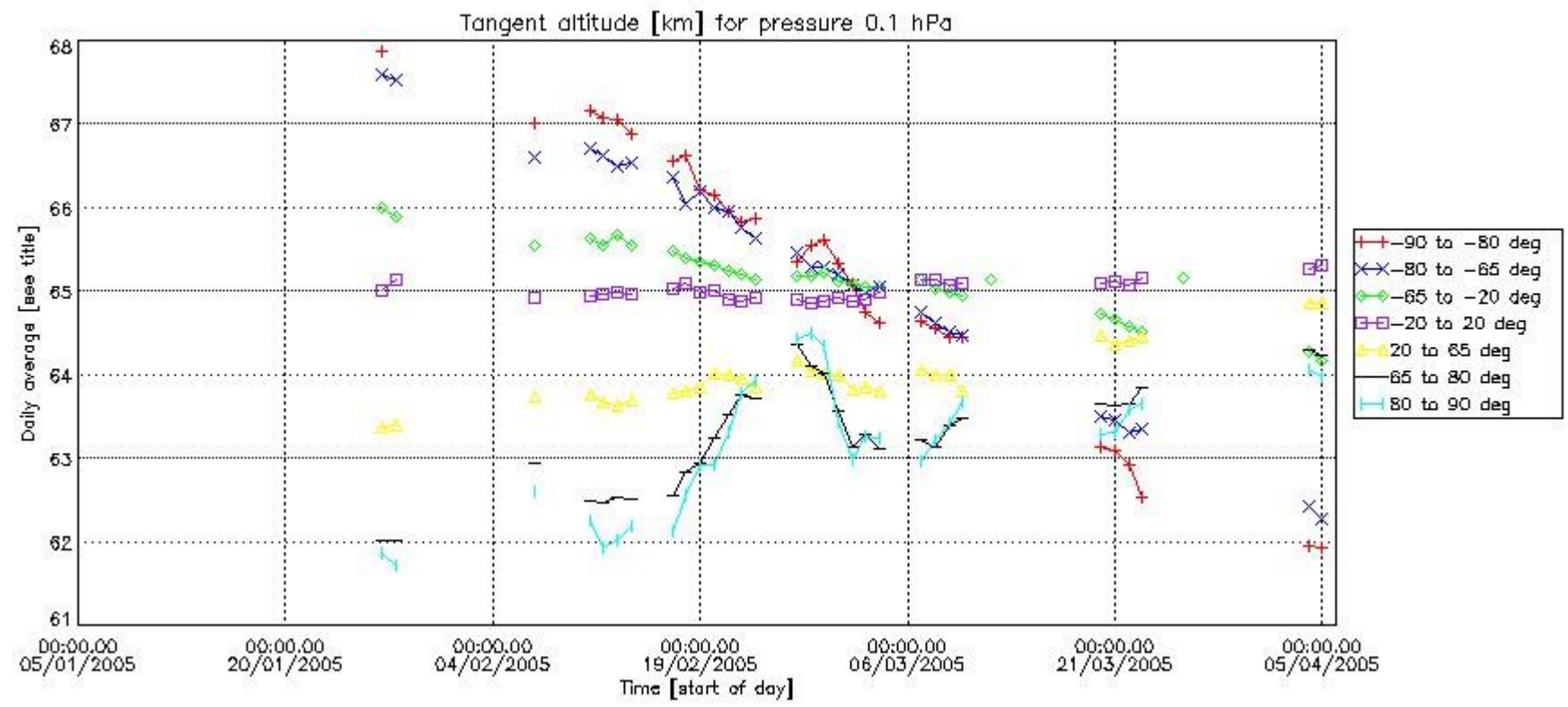


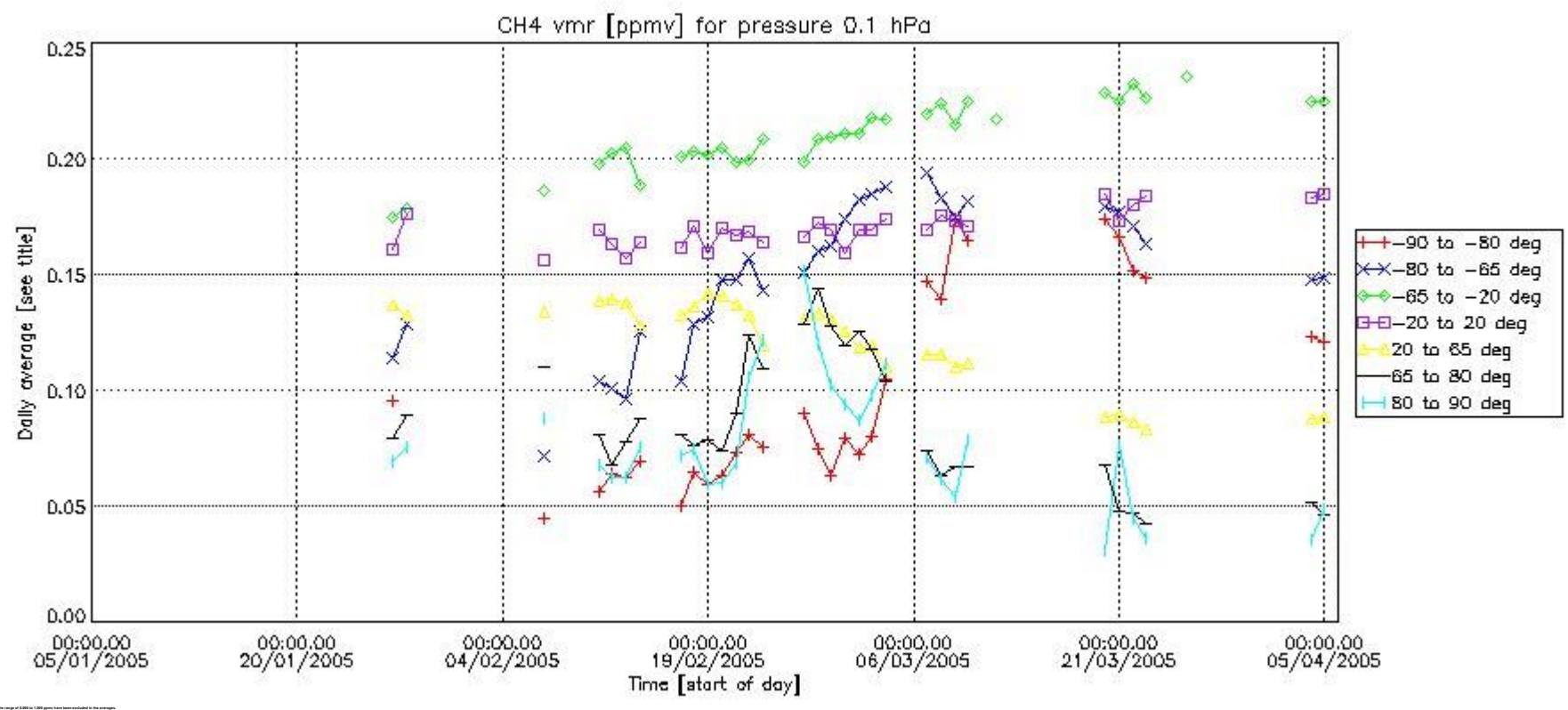
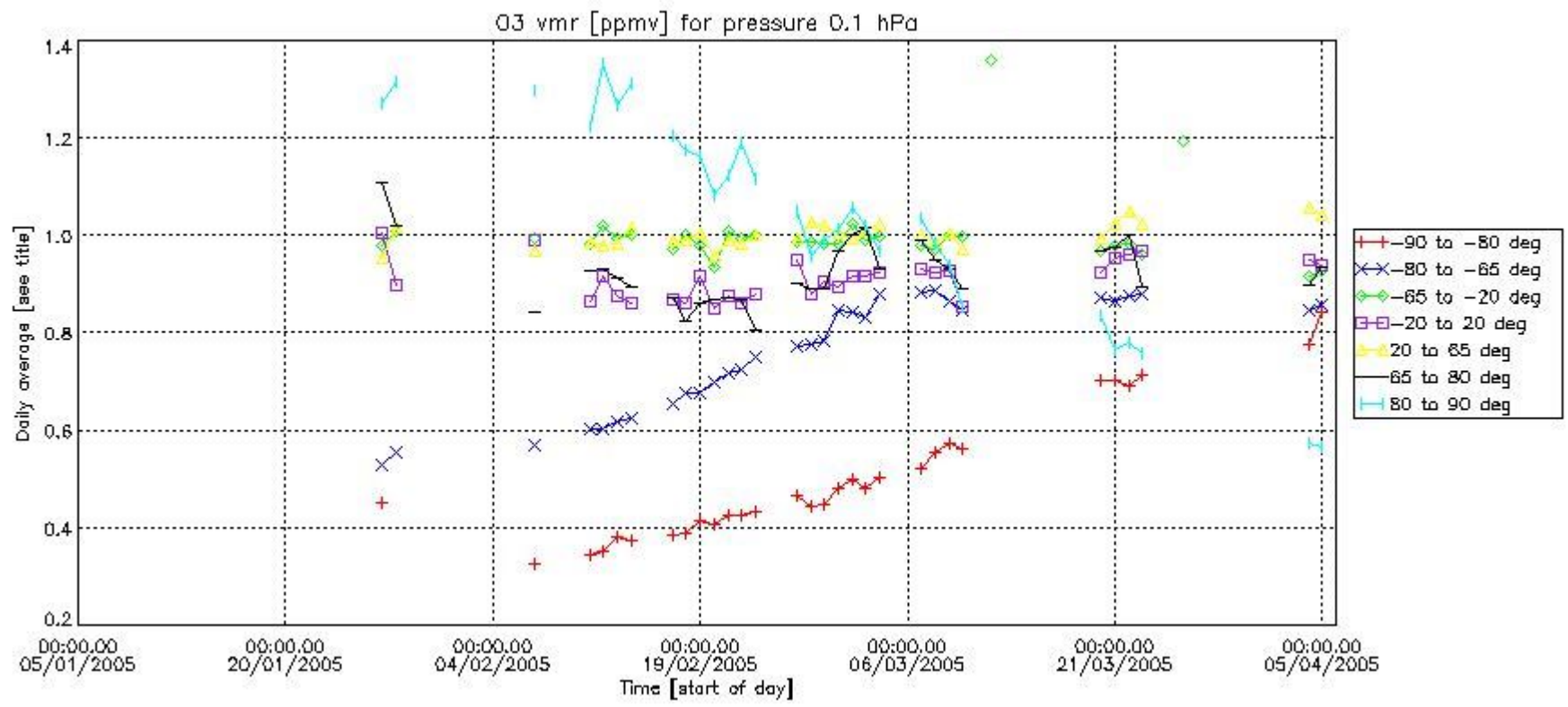


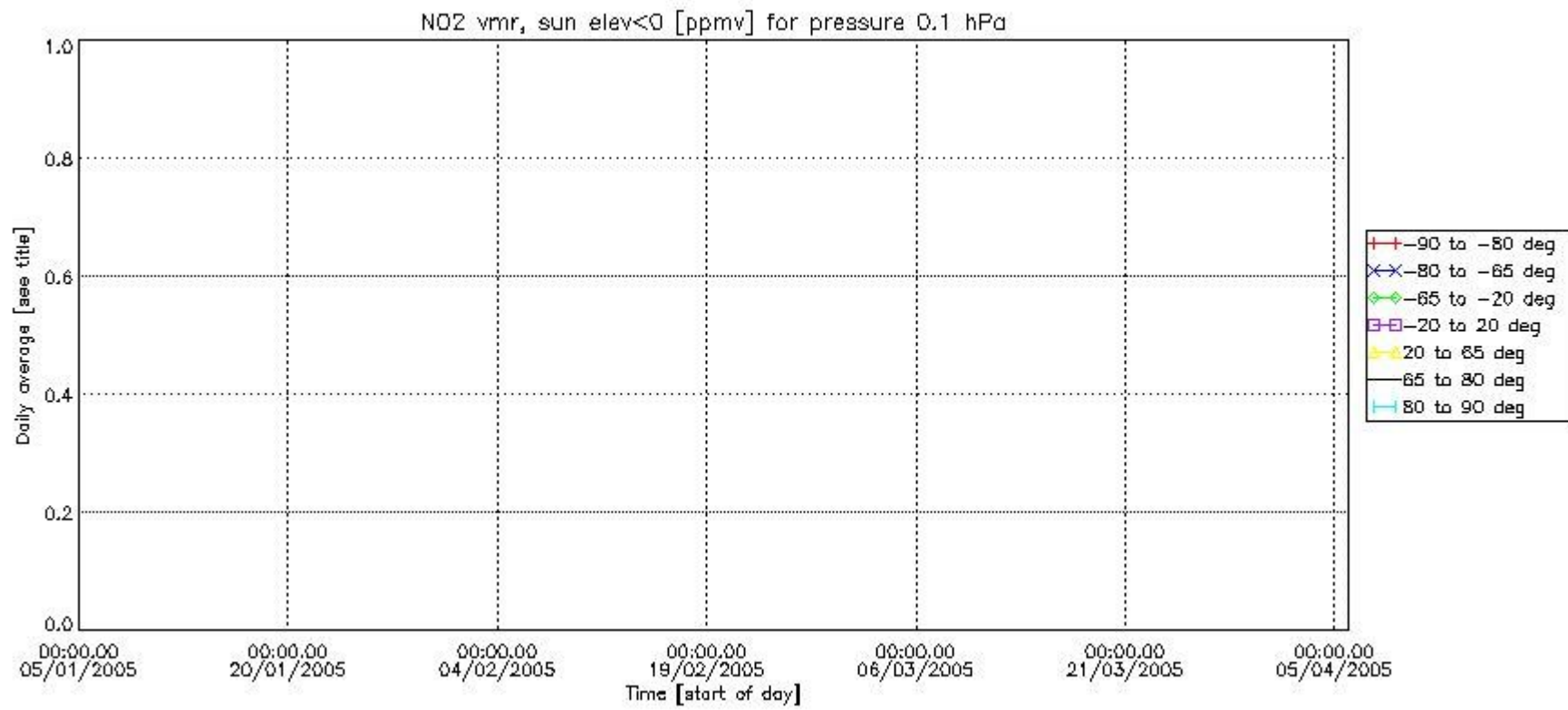
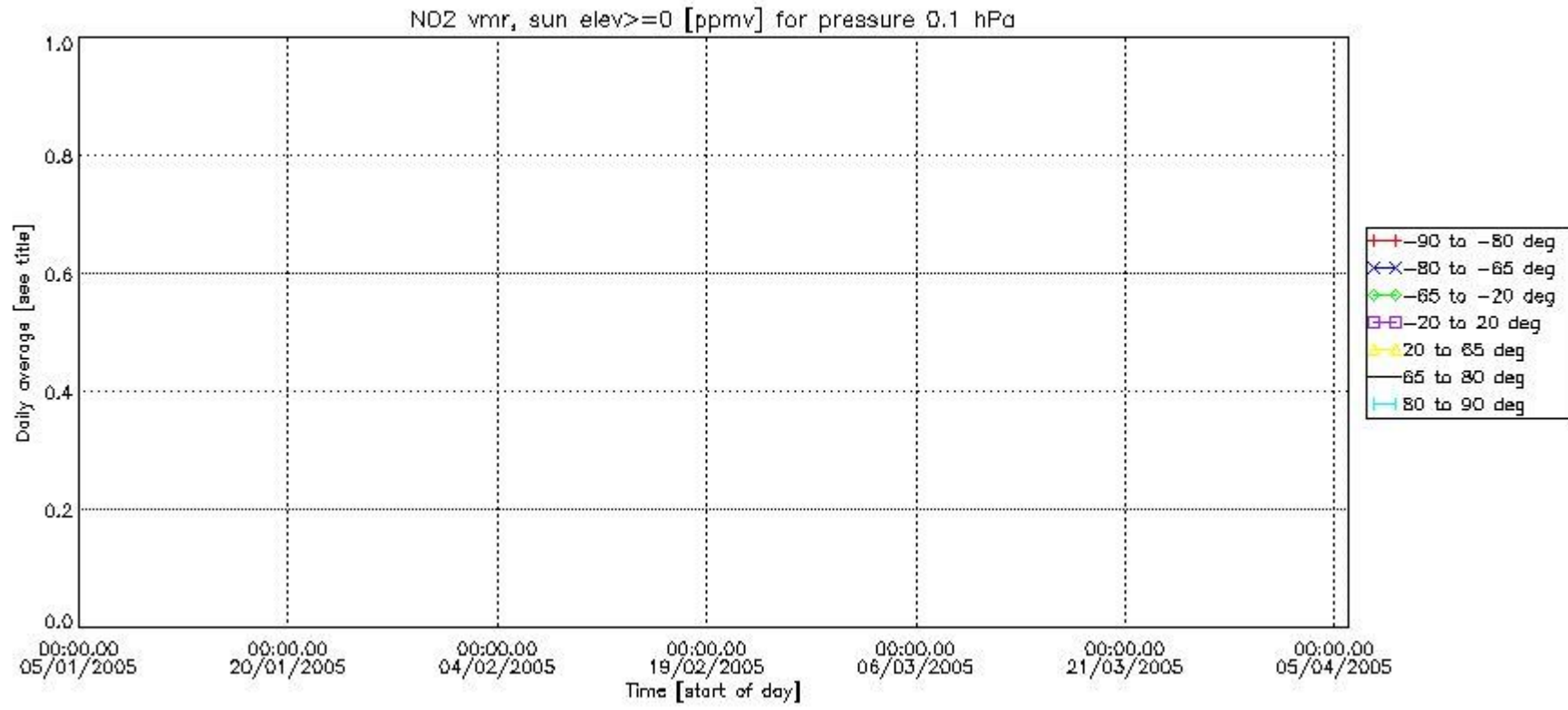


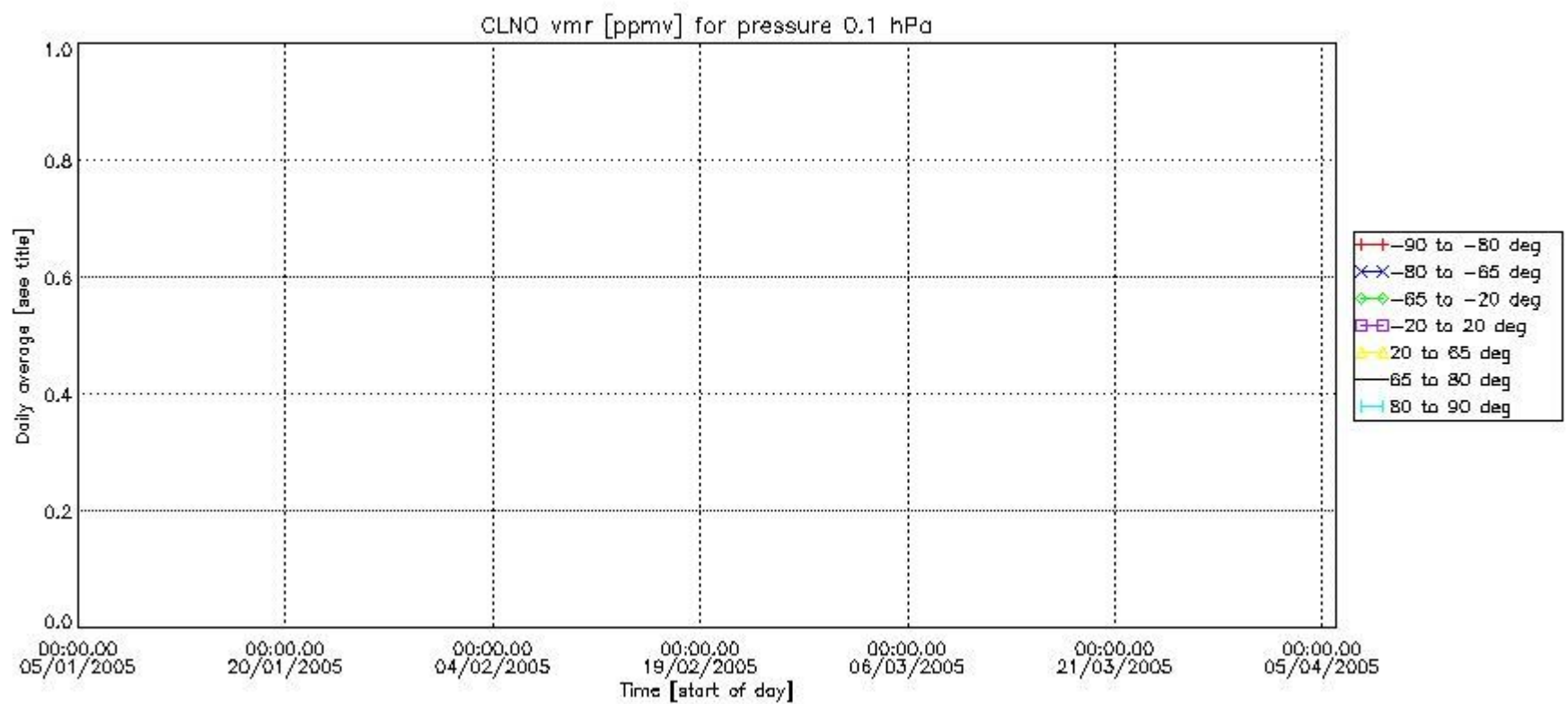
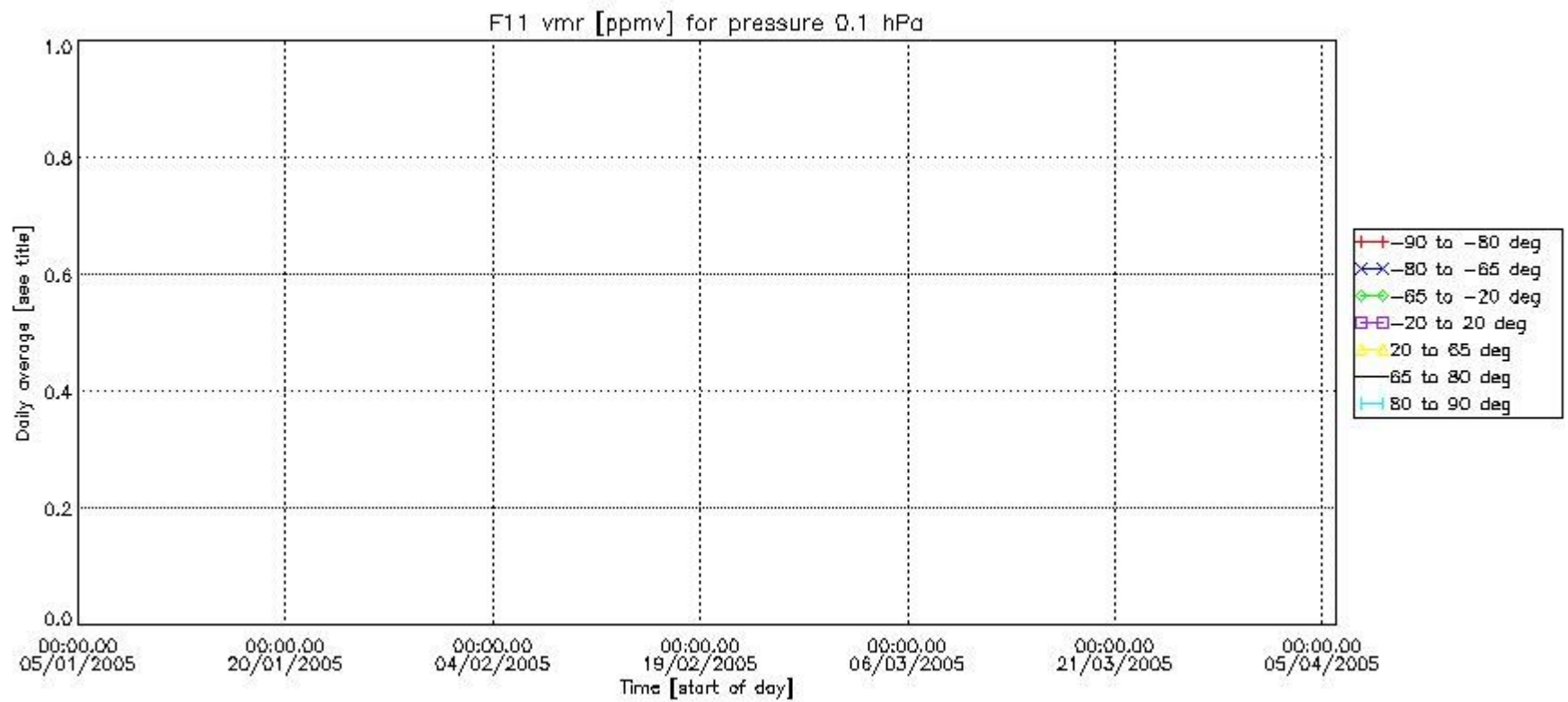


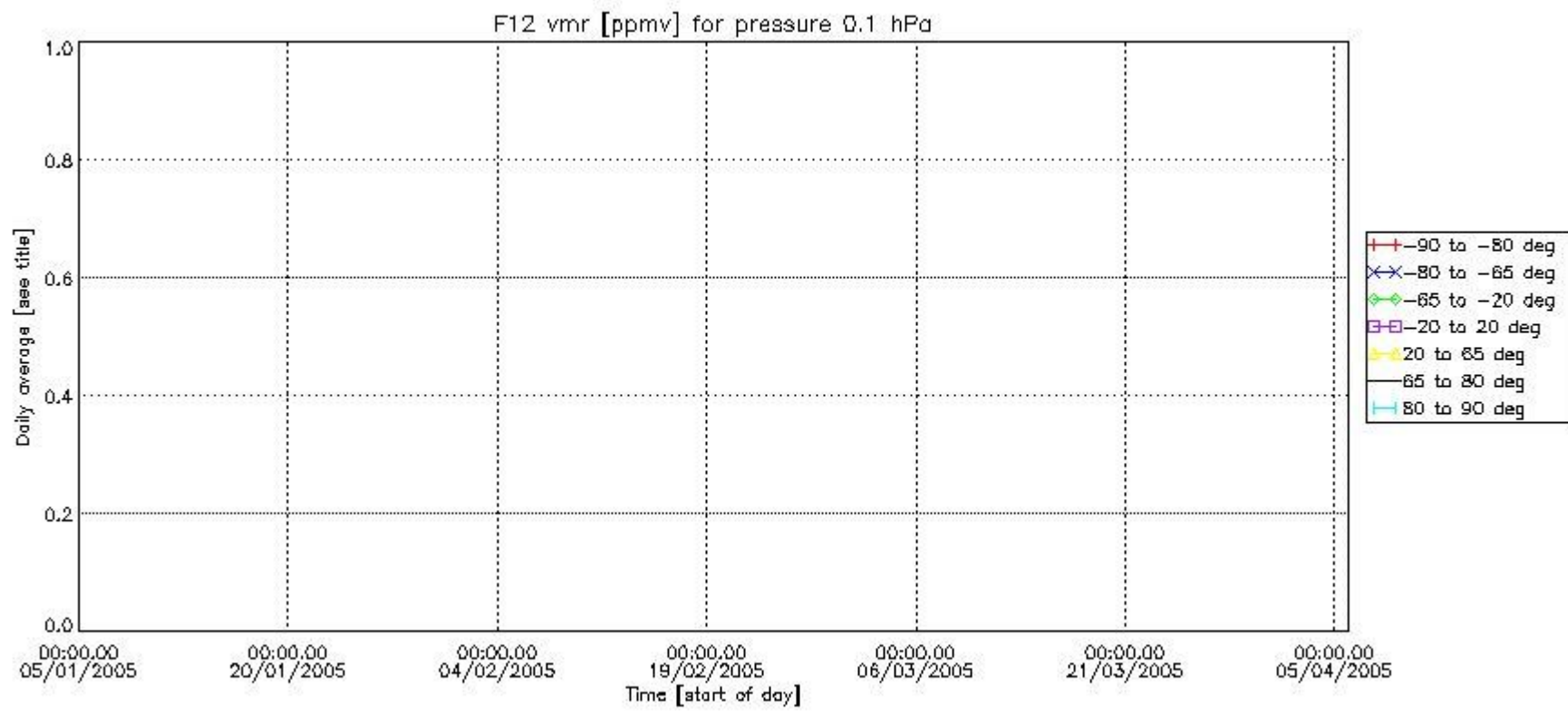
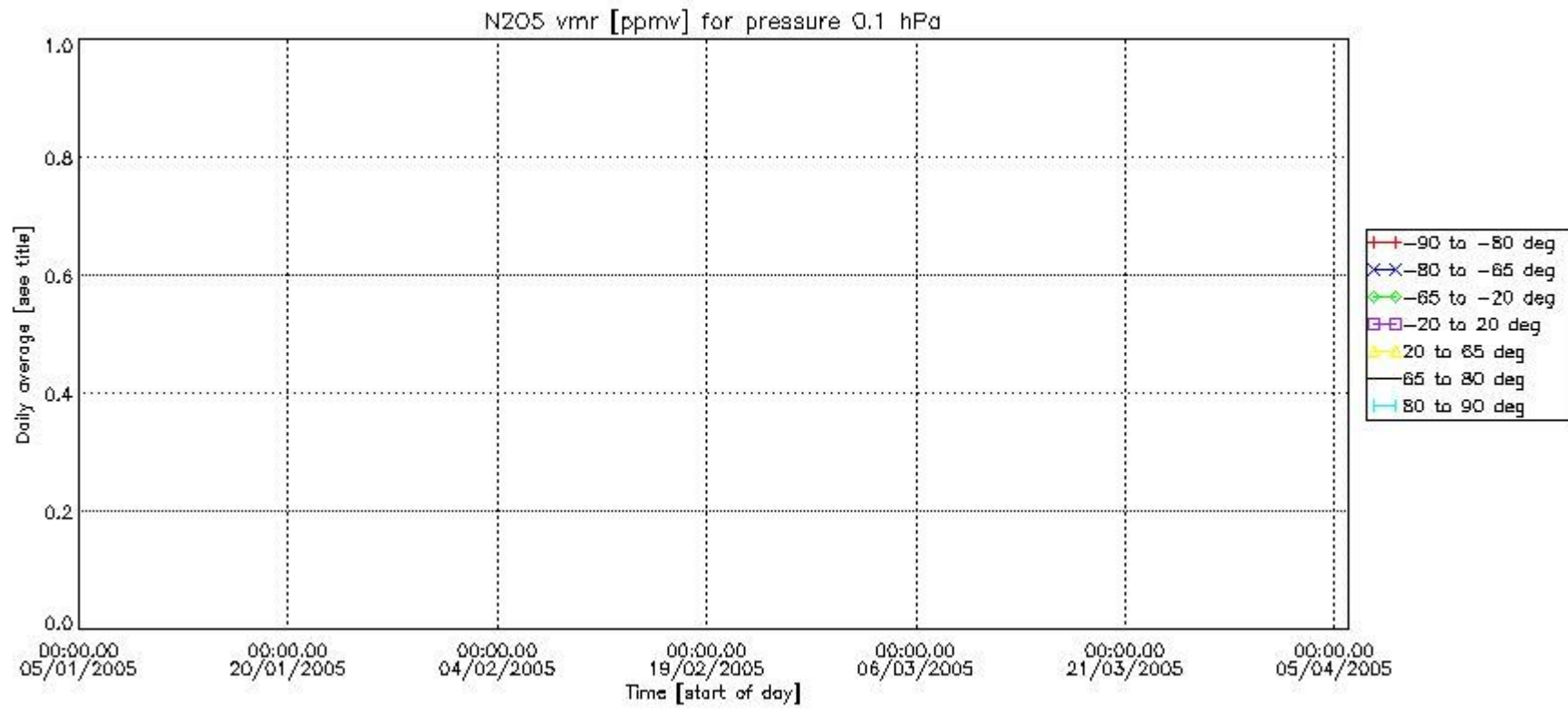


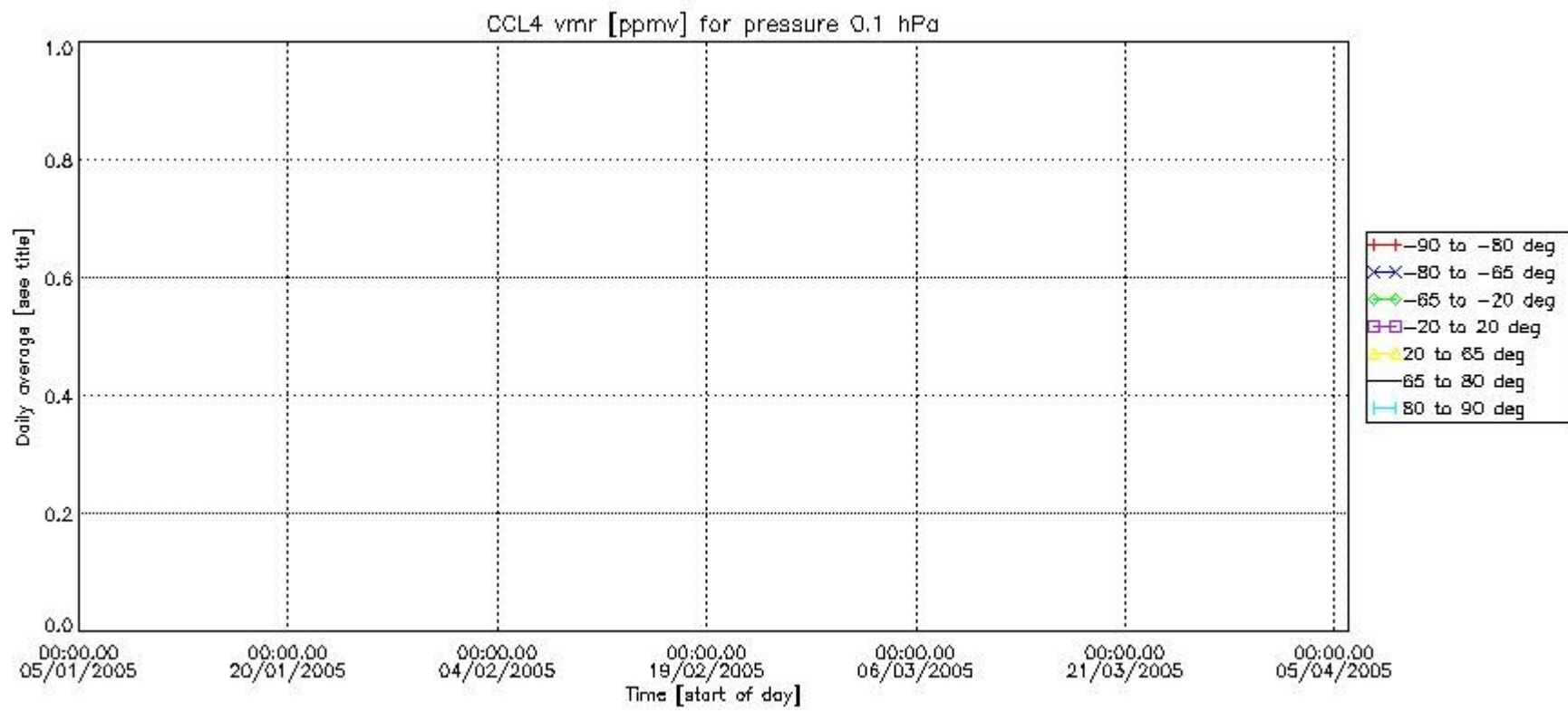
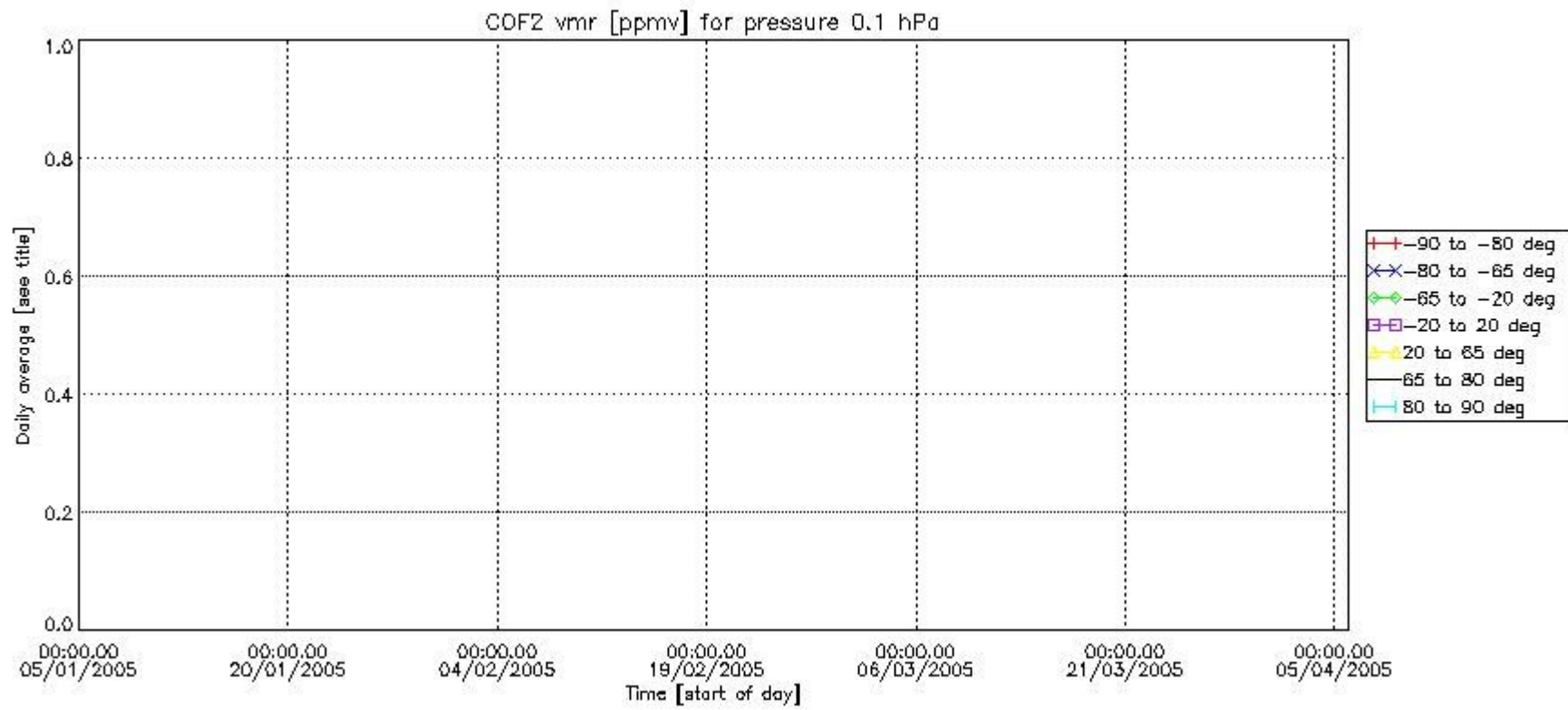


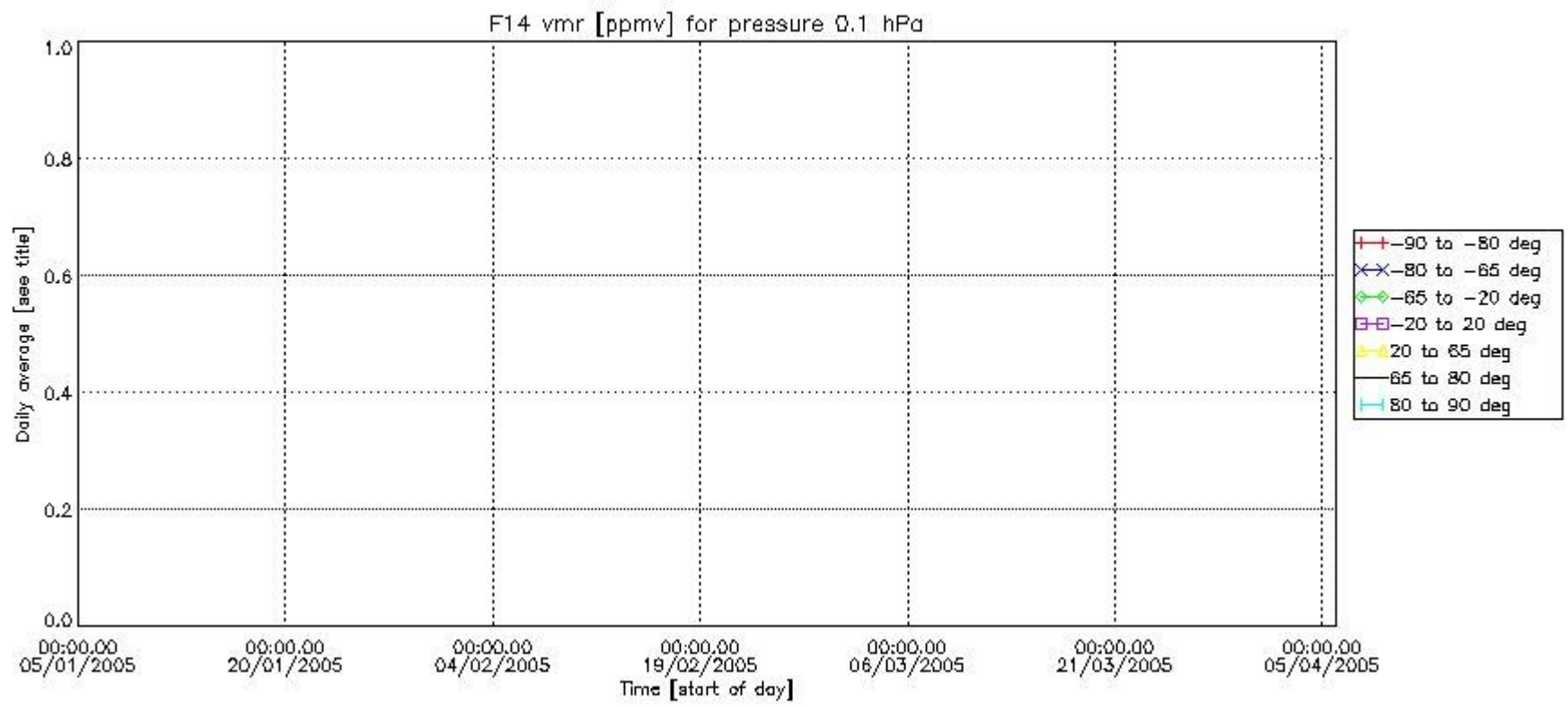
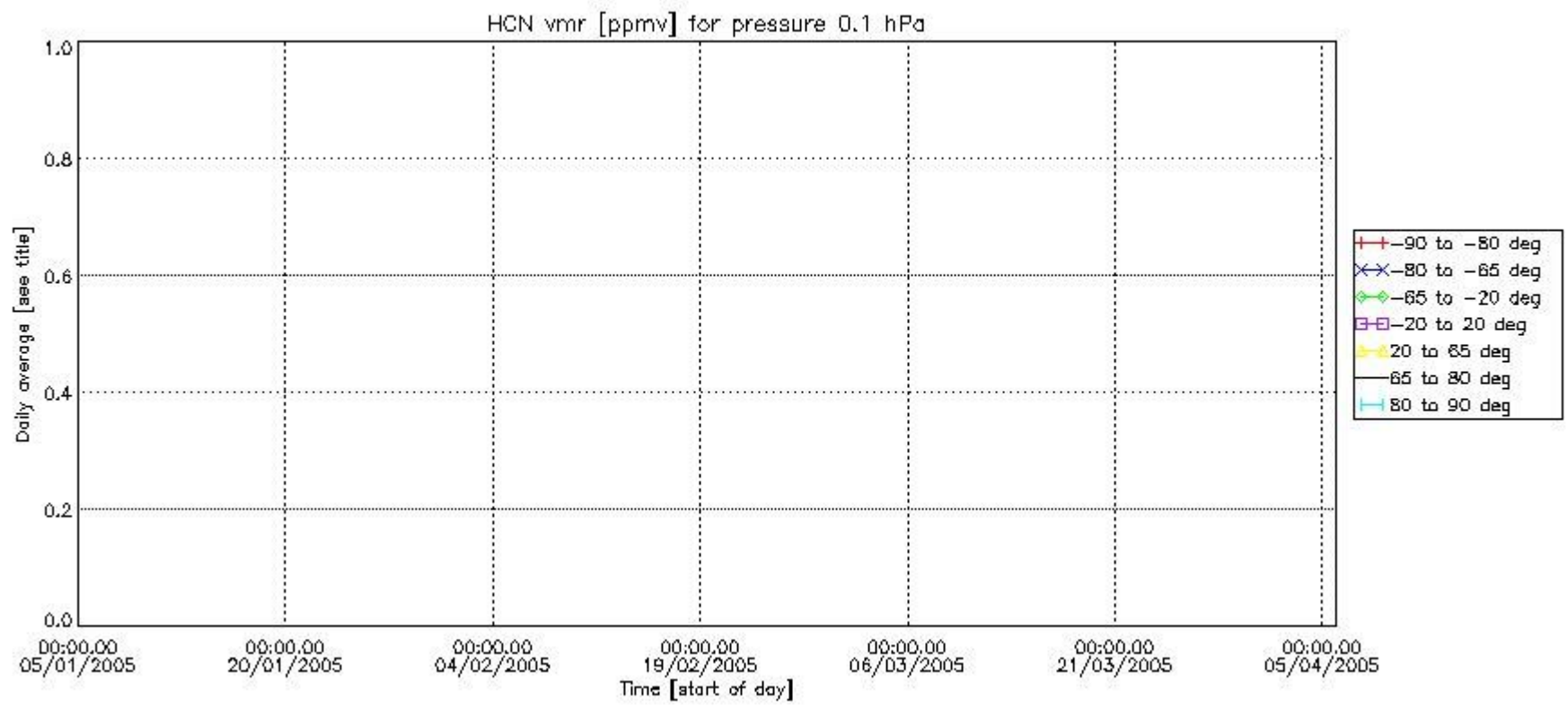


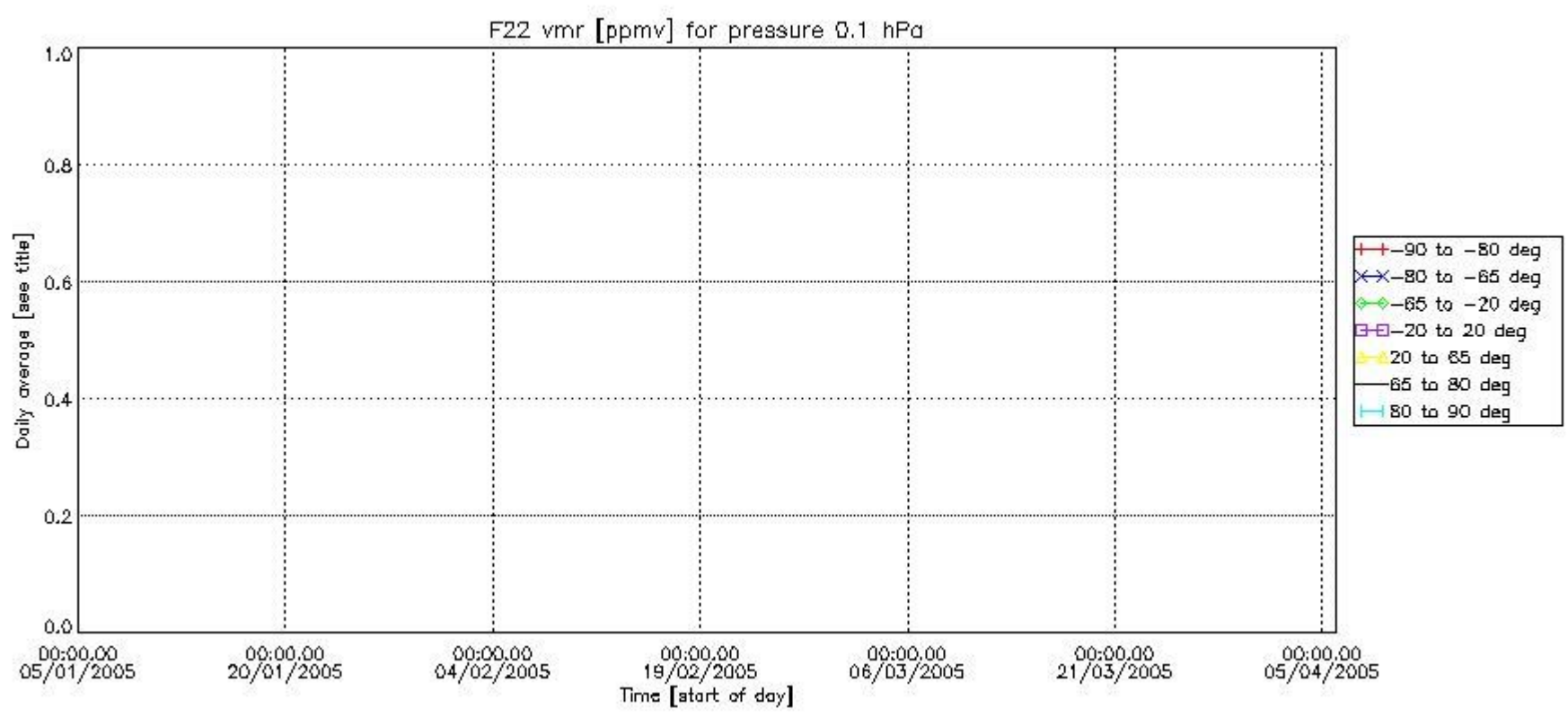












Number of successful retrievals vs. geolocation (*=day side , triangle=night side).

