

2. MIPAS Daily Report for level 2 products summary report

(See [mipas_daily_report_level2_ML2PP_7_03_W_20051213.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 17:34:18
Data source version	ML2PP/7.03-W
Processing scope for products	13DEC2005 00:00:00 to 14DEC2005 00:00:00
Start time of first product within scope	13DEC2005 00:44:44
Stop time of last product within scope	14DEC2005 00:04:04
Total number of level 2 products	14
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.

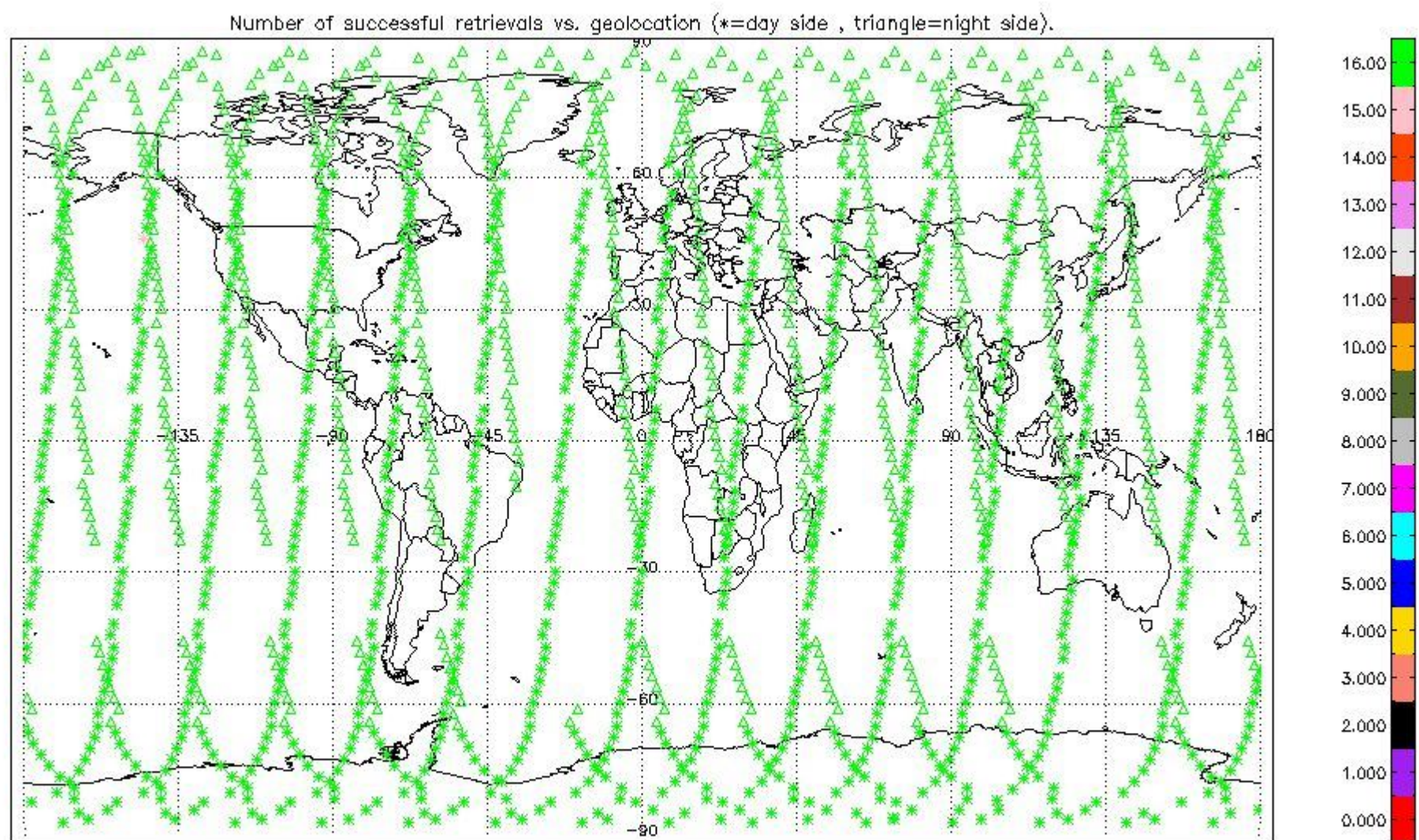
#	Product name	Start time	Stop time	Prod err	Number of scans (tot/proc)	Quality summary warnings
0	MIP_NL__2PWDSI20051213_004444_000055232043_00203_19796_1000.N1	13DEC2005 00:44:44	13DEC2005 02:16:46	0	122/122	VMR_TERM_MACRO_MICRO[HCN/macro:3; F14/macro:2]
1	MIP_NL__2PWDSI20051213_022154_000056982043_00204_19797_1000.N1	13DEC2005 02:21:54	13DEC2005 03:56:52	0	126/126	VMR_TERM_MACRO_MICRO[F14/macro:2; HCN/micro:2]
2	MIP_NL__2PWDSI20051213_040230_000056982043_00205_19798_1000.N1	13DEC2005 04:02:30	13DEC2005 05:37:29	0	126/126	VMR_TERM_MACRO_MICRO[HCN/micro:2]
3	MIP_NL__2PWDSI20051213_054306_000056982043_00206_19799_1000.N1	13DEC2005 05:43:06	13DEC2005 07:18:05	0	126/126	VMR_TERM_MACRO_MICRO[HCN/macro:1; HCN/micro:2]
4	MIP_NL__2PWDSI20051213_072342_000056982043_00207_19800_1000.N1	13DEC2005 07:23:42	13DEC2005 08:58:41	0	126/126	VMR_TERM_MACRO_MICRO[N2O/macro:1; HCN/macro:1; COF2/micro:1; HCN/micro:2]
5	MIP_NL__2PWDSI20051213_090418_000056982043_00208_19801_1000.N1	13DEC2005 09:04:18	13DEC2005 10:39:16	0	126/126	VMR_TERM_MACRO_MICRO[O3/micro:1; HCN/micro:1]
6	MIP_NL__2PWDSI20051213_104454_000056982043_00209_19802_1000.N1	13DEC2005 10:44:54	13DEC2005 12:19:52	0	126/126	VMR_TERM_MACRO_MICRO[F14/macro:2; HCN/micro:2]
7	MIP_NL__2PWDSI20051213_122530_000048352043_00210_19803_1000.N1	13DEC2005 12:25:30	13DEC2005 13:46:05	0	107/107	VMR_TERM_MACRO_MICRO[F14/macro:2; HCN/micro:2]
8	MIP_NL__2PWDSI20051213_140606_000056982043_00211_19804_1000.N1	13DEC2005 14:06:06	13DEC2005 15:41:04	0	126/126	VMR_TERM_MACRO_MICRO[CH4/micro:1; HCN/micro:3]
9	MIP_NL__2PWDSI20051213_154642_000056982043_00212_19805_1000.N1	13DEC2005 15:46:42	13DEC2005 17:21:40	0	126/126	VMR_TERM_MACRO_MICRO[HCN/micro:2]
10	MIP_NL__2PWDSI20051213_172718_000056992043_00213_19806_1000.N1	13DEC2005 17:27:18	13DEC2005 19:02:16	0	126/126	VMR_TERM_MACRO_MICRO[HCN/macro:1; HCN/micro:3; F14/micro:2]
11	MIP_NL__2PWDSI20051213_190754_000056992043_00214_19807_1000.N1	13DEC2005 19:07:54	13DEC2005 20:42:52	0	126/126	VMR_TERM_MACRO_MICRO[F14/macro:3]
12	MIP_NL__2PWDSI20051213_204829_000056992043_00215_19808_1000.N1	13DEC2005 20:48:29	13DEC2005 22:23:28	0	126/126	VMR_TERM_MACRO_MICRO[HCN/macro:1; HCN/micro:1]
13	MIP_NL__2PWDSI20051213_222905_000056992043_00216_19809_1000.N1	13DEC2005 22:29:05	14DEC2005 00:04:04	0	126/126	

2.2 Processing performance indicators

2.2.1 Successful retrievals

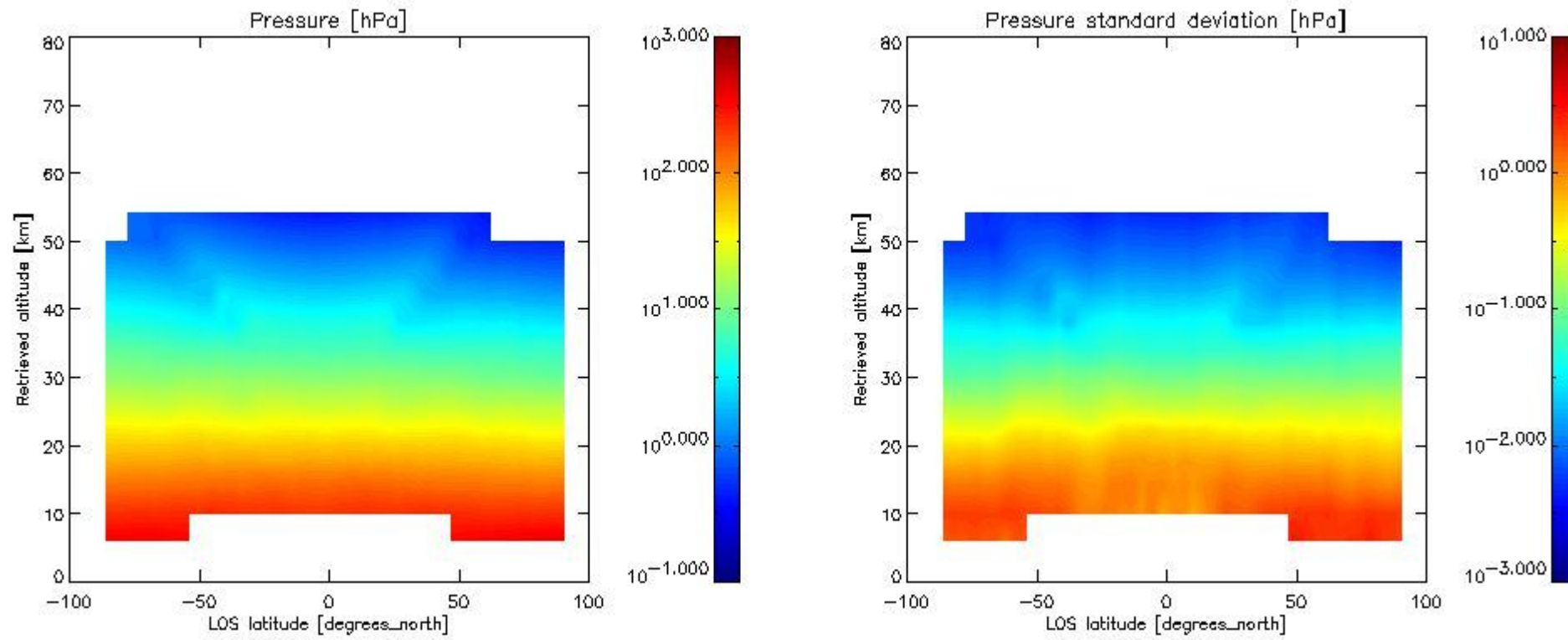
This section includes a table with statistics on the number of retrievals, as well as a worldmap plot that shows successful retrievals.

RETRIEVAL MDS	# scans processed	# Successful retrievals	%
PT	1741	1735	99.655
H2O	1741	1735	99.655
O3	1741	1735	99.655
HNO3	1741	1735	99.655
CH4	1741	1735	99.655
N2O	1741	1735	99.655
NO2	1741	1735	99.655
F11	1741	1735	99.655
CLNO	1741	1735	99.655
N2O5	1741	1735	99.655
F12	1741	1734	99.598
COF2	1741	1735	99.655
CCL4	1741	1735	99.655
HCN	1741	1735	99.655
F14	1741	1735	99.655
F22	1741	1735	99.655



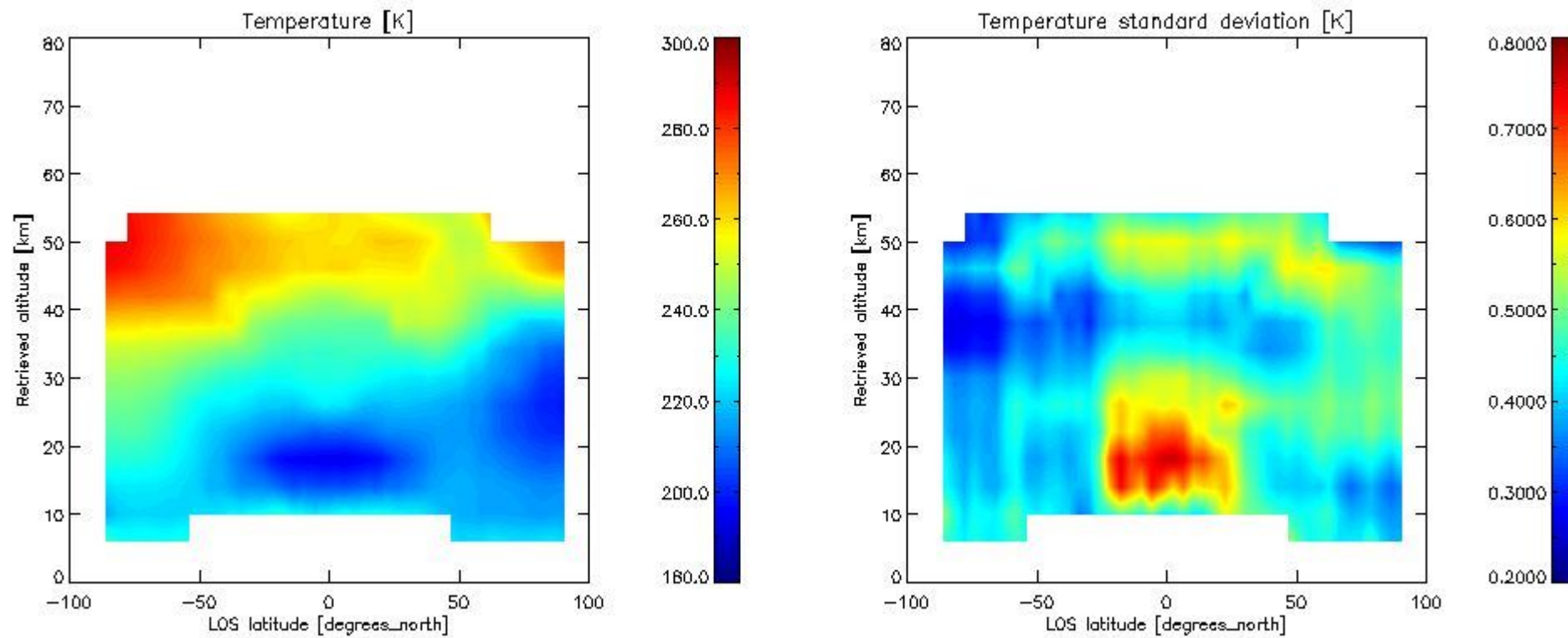
2.2.2 Pressure overview

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



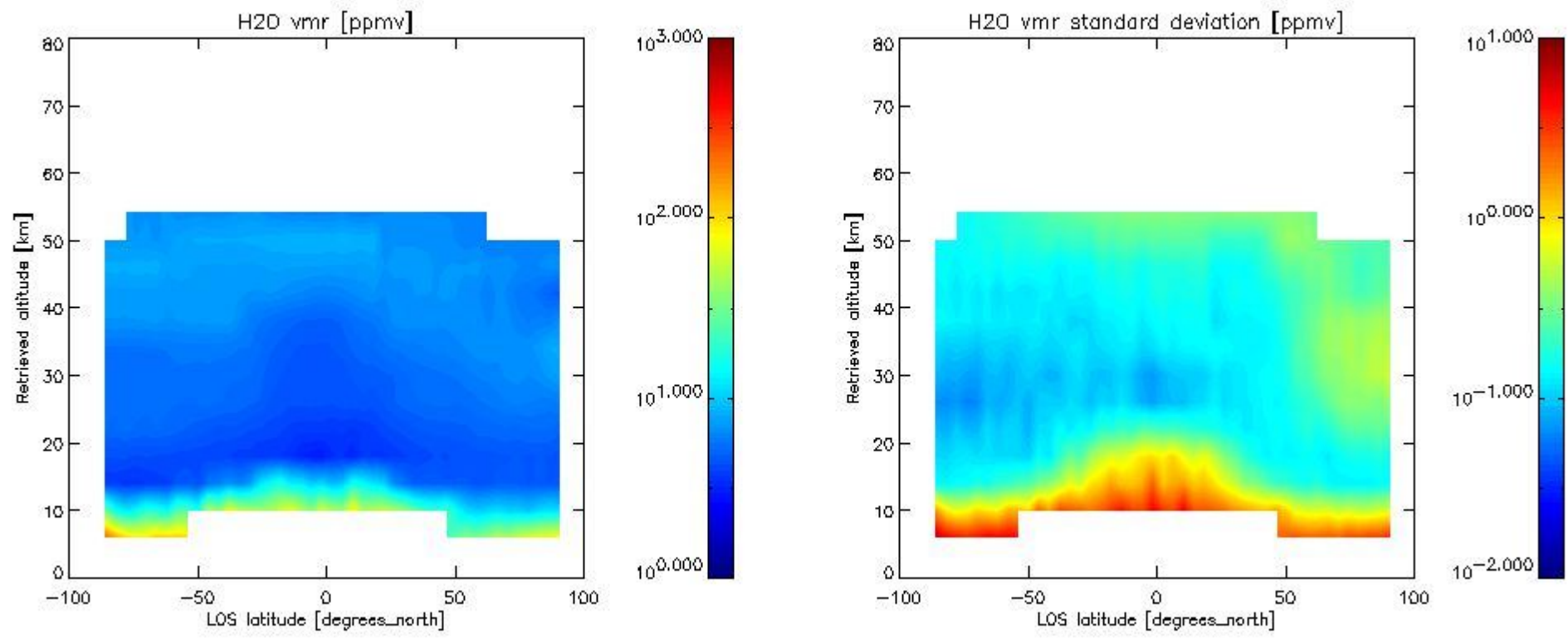
2.2.3 Temperature overview

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

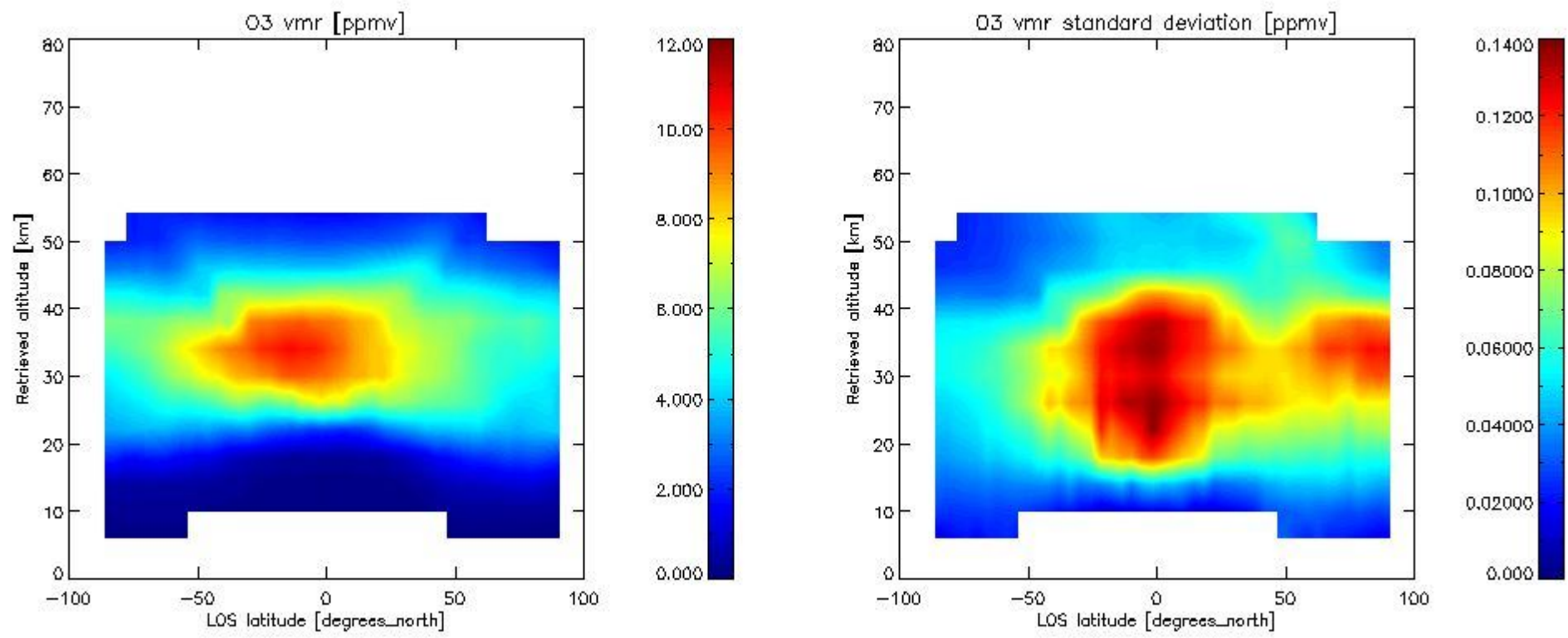


2.2.4 Species overview

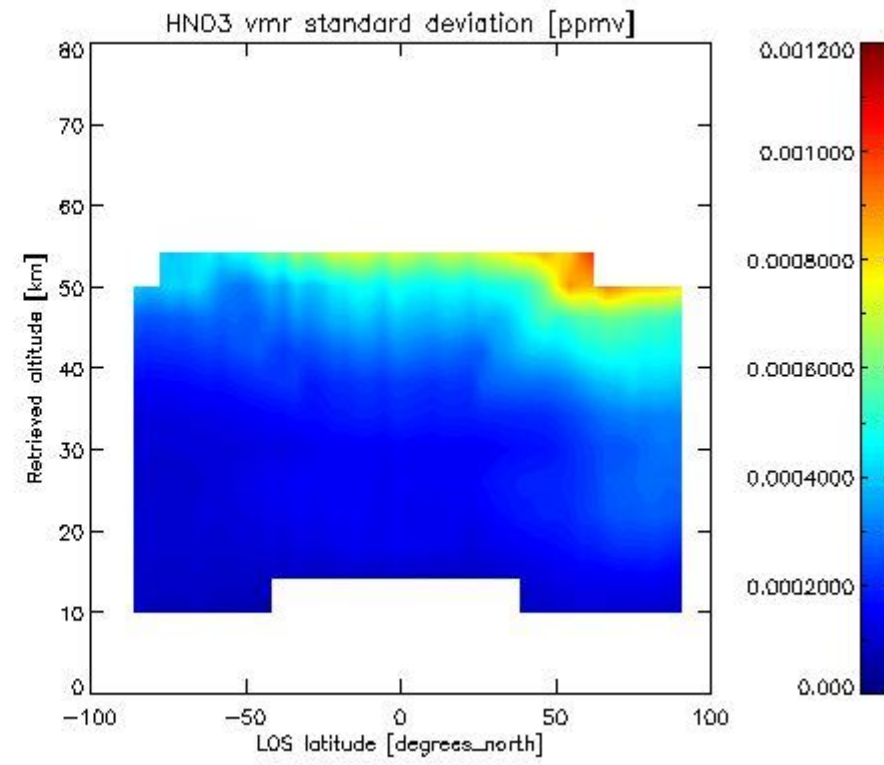
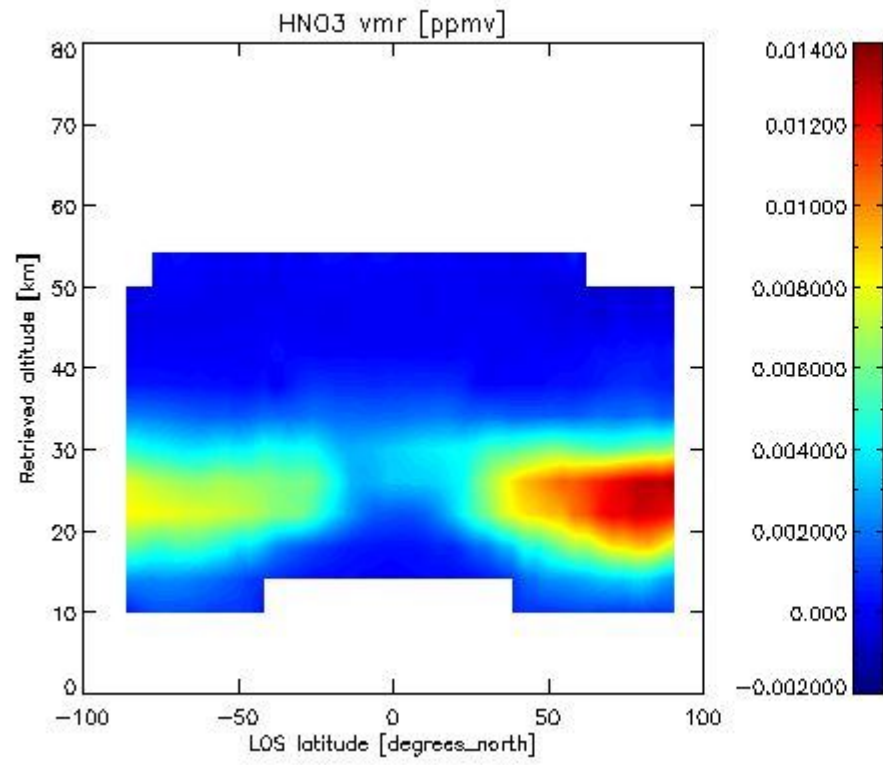
2.2.4.1 H₂O overview This section shows values (left) and error (right) for H₂O after binning individual sweep values over retrieved altitude and tangent latitude.



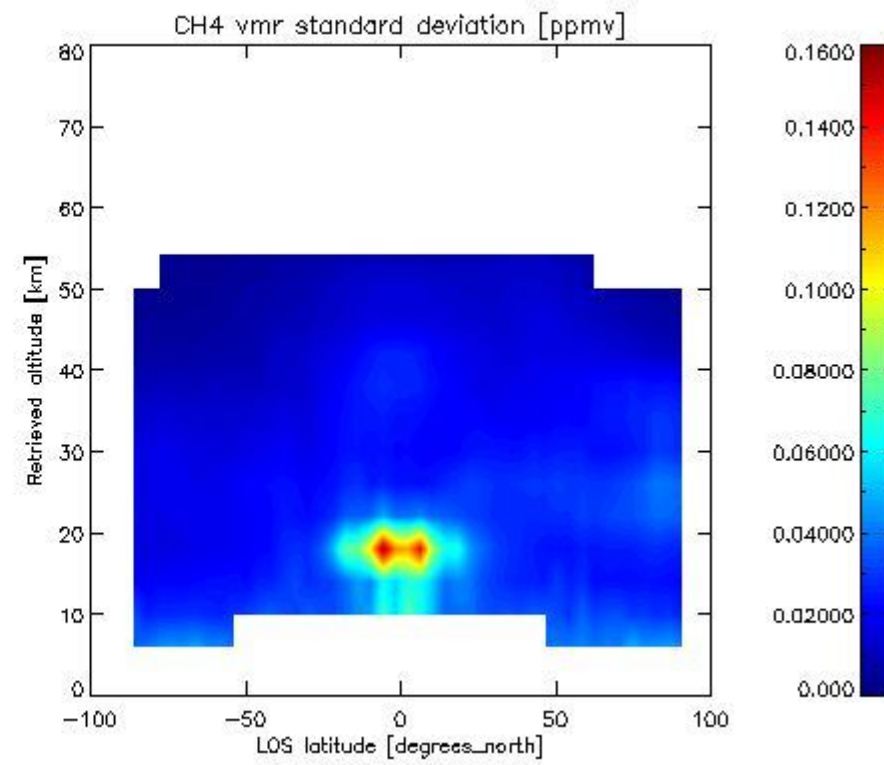
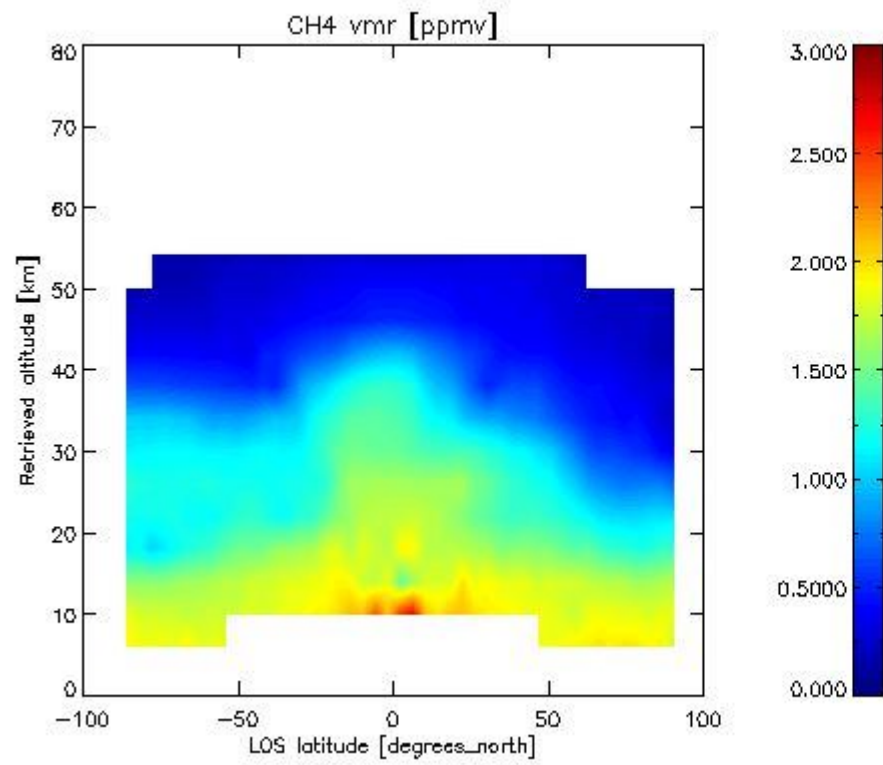
2.2.4.2 O3 overview This section shows values (left) and error (right) for O3 after binning individual sweep values over retrieved altitude and tangent latitude.



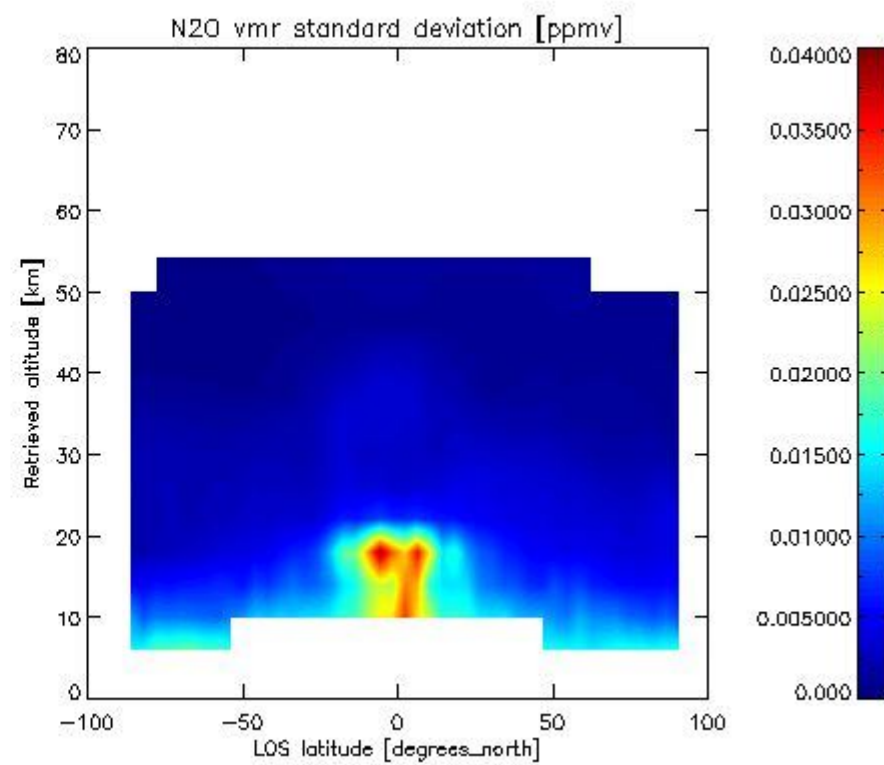
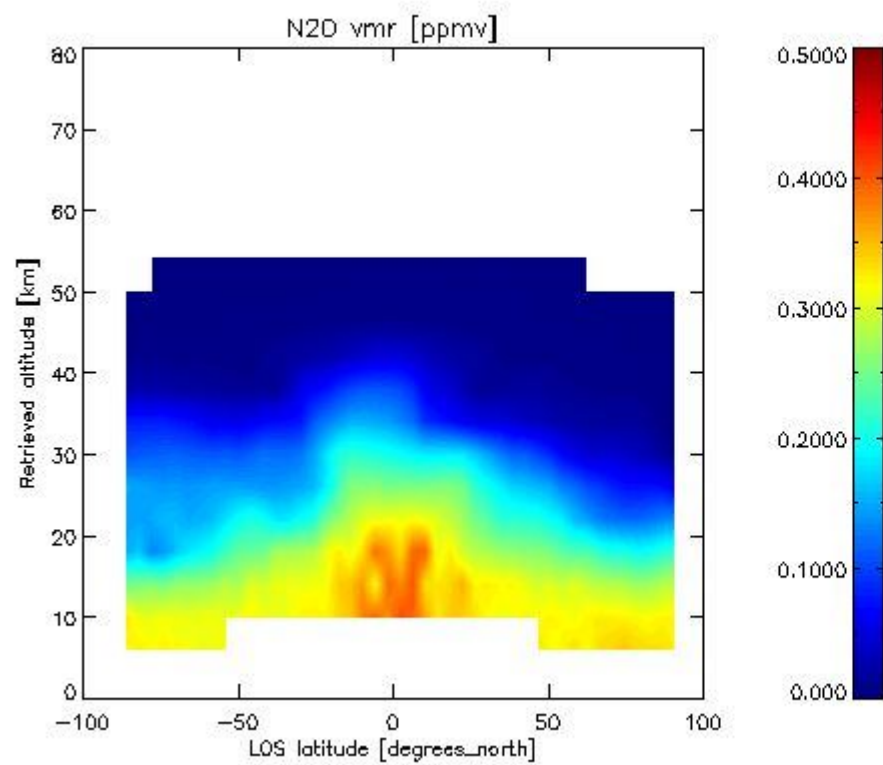
2.2.4.3 HNO3 overview This section shows values (left) and error (right) for HNO3 after binning individual sweep values over retrieved altitude and tangent latitude.



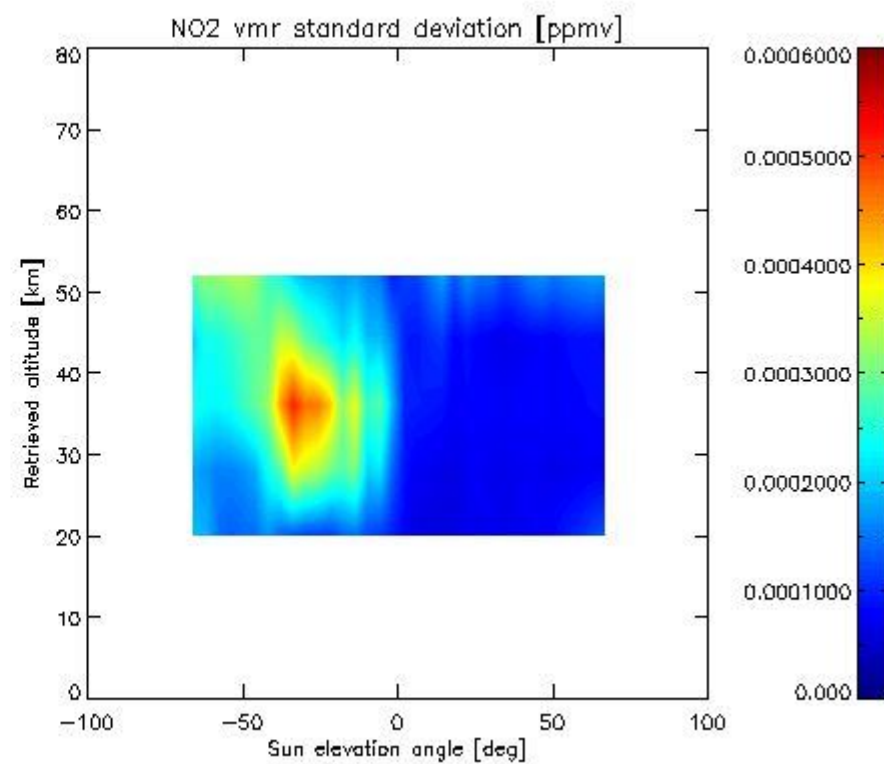
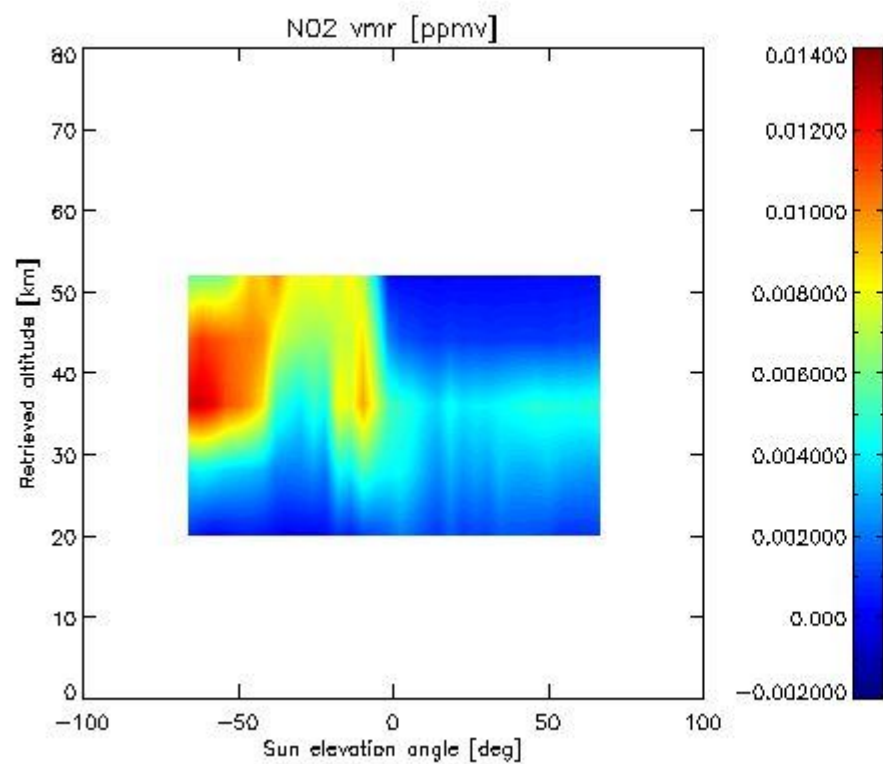
2.2.4.4 CH4 overview This section shows values (left) and error (right) for CH4 after binning individual sweep values over retrieved altitude and tangent latitude.



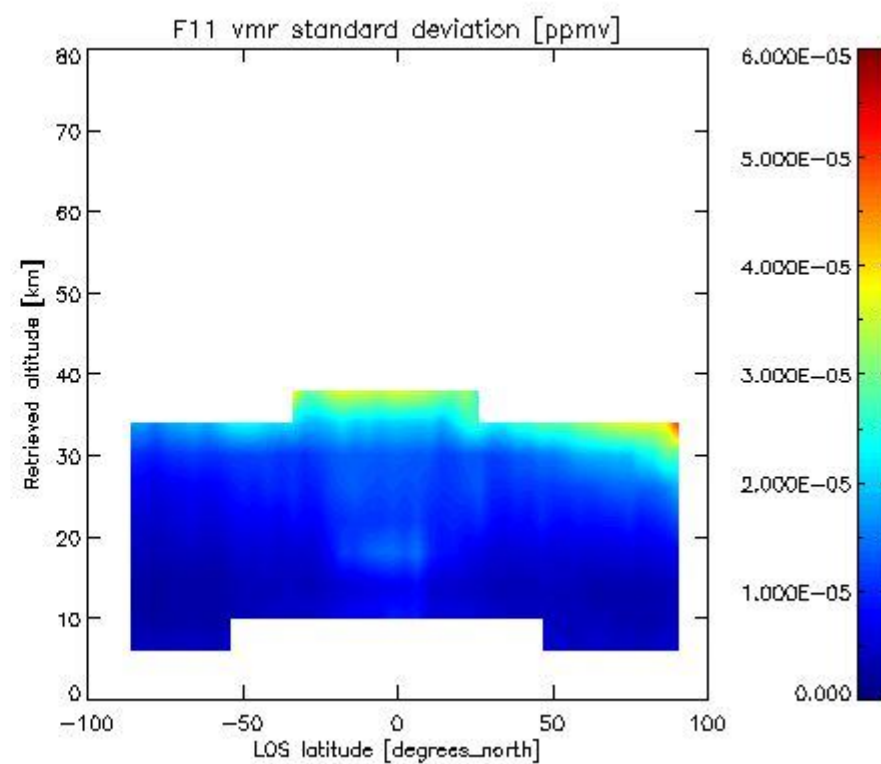
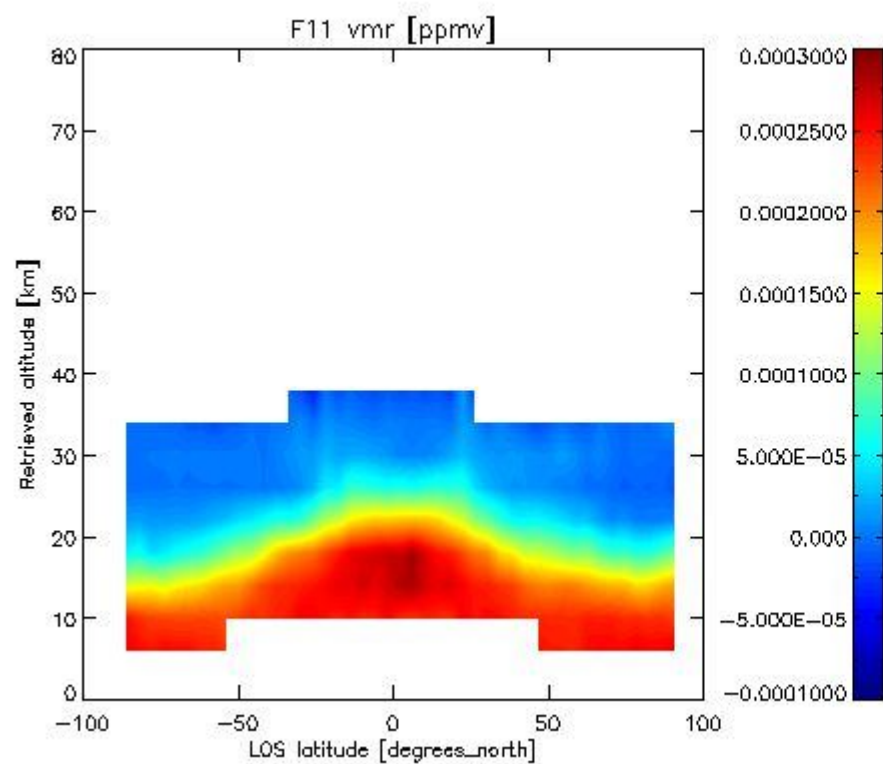
2.2.4.5 N2O overview This section shows values (left) and error (right) for N2O after binning individual sweep values over retrieved altitude and tangent latitude.



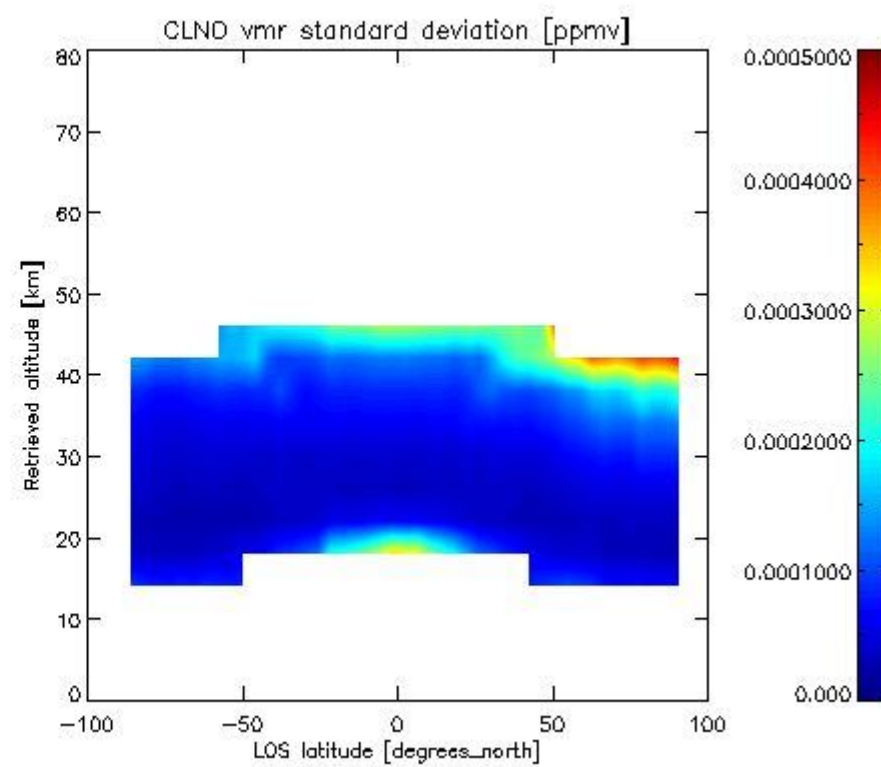
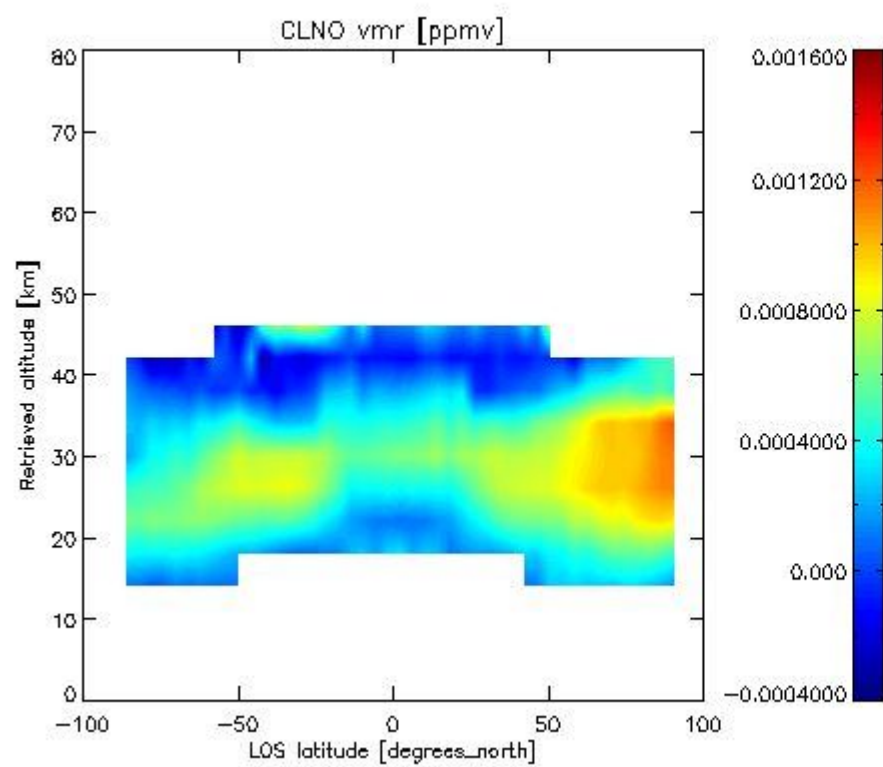
2.2.4.6 NO₂ overview This section shows values (left) and error (right) for NO₂ after binning individual sweep values over retrieved altitude and Sun Elevation Angle. Note that for NO₂ the bin heights are 6 km.

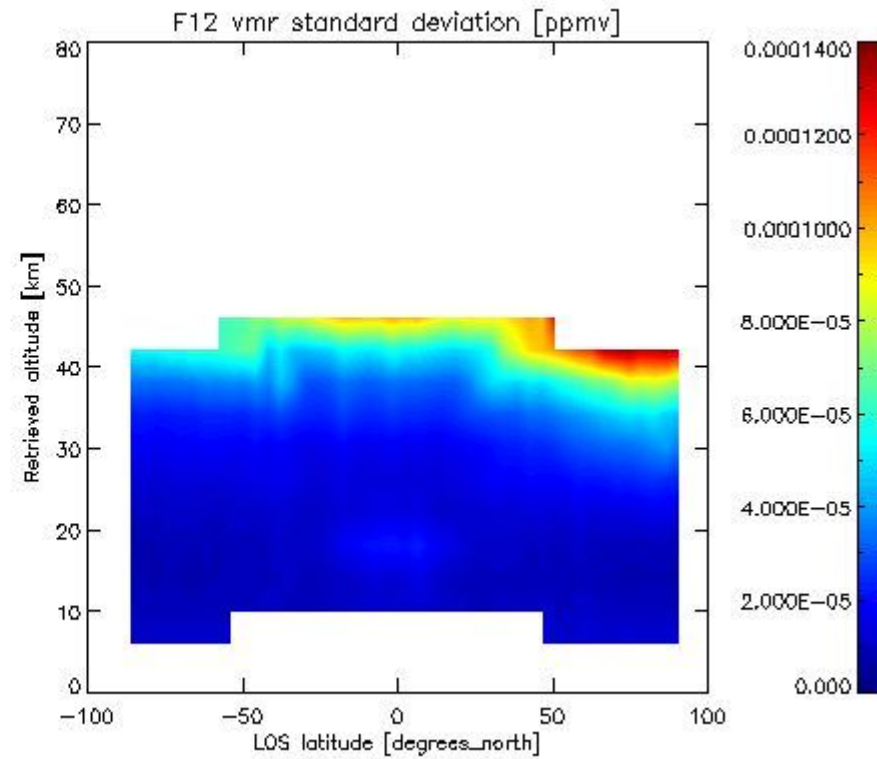
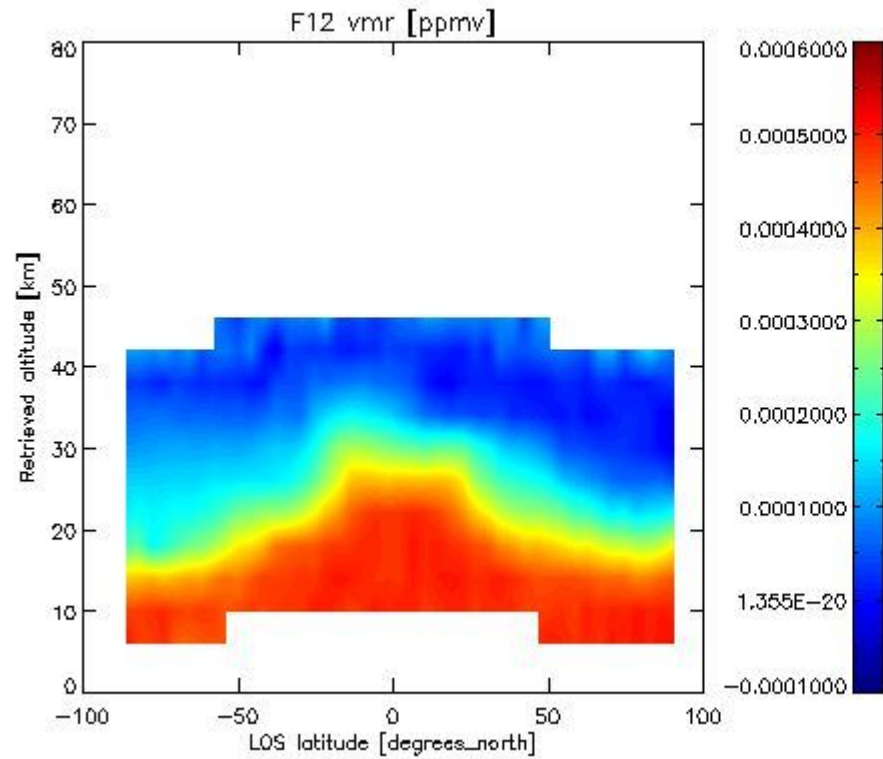
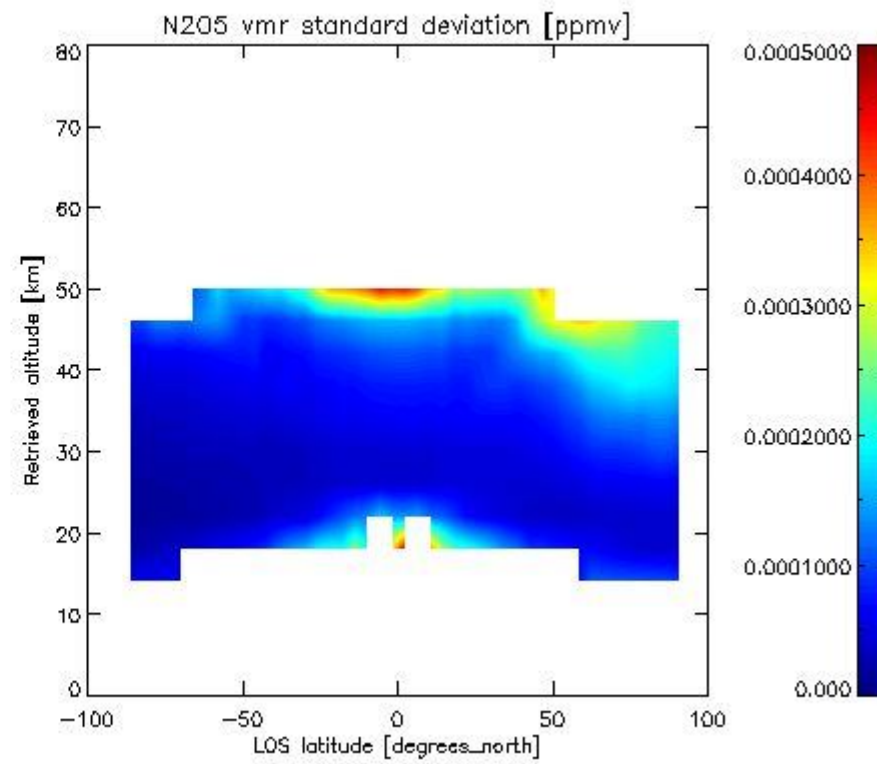
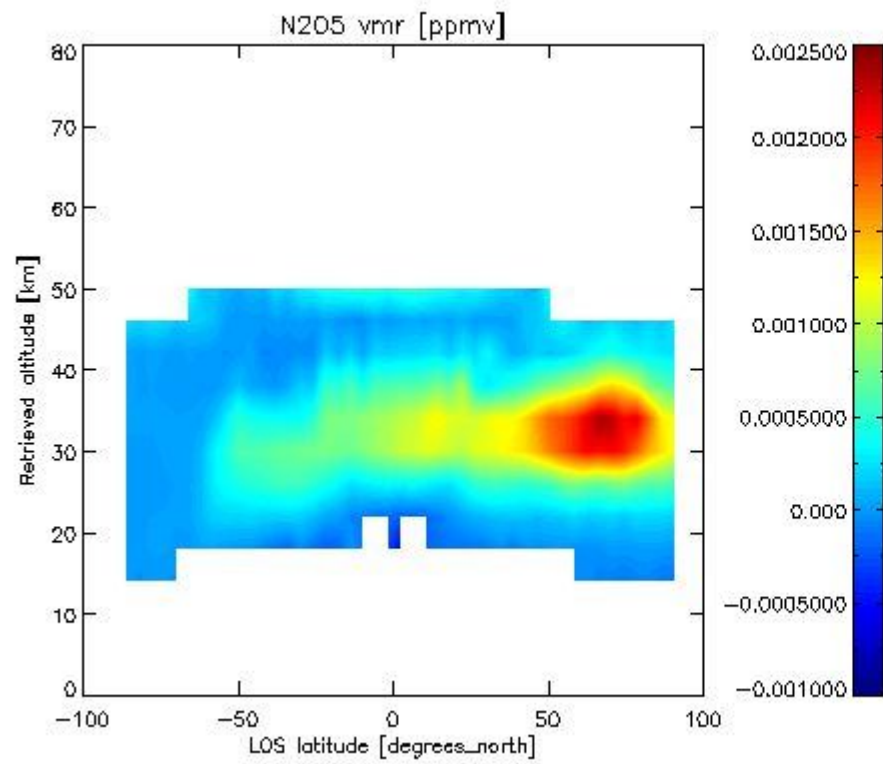


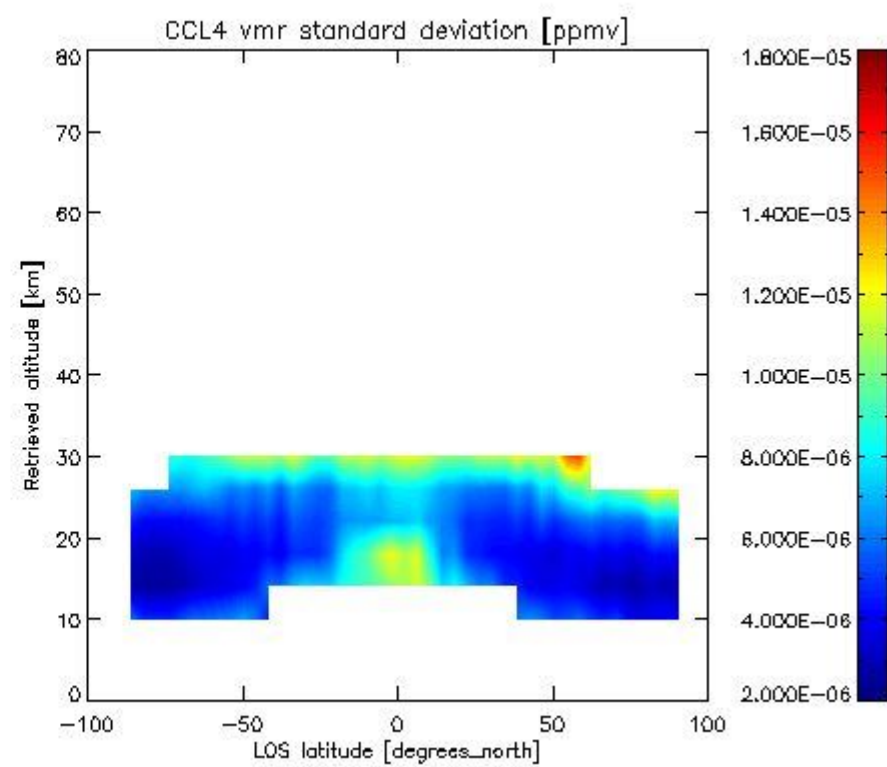
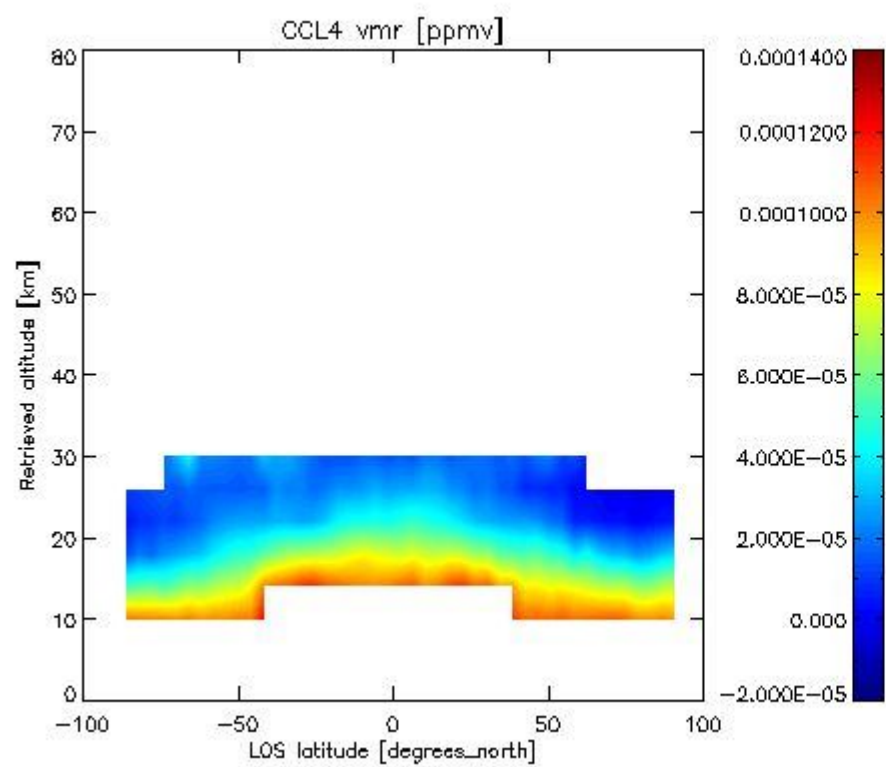
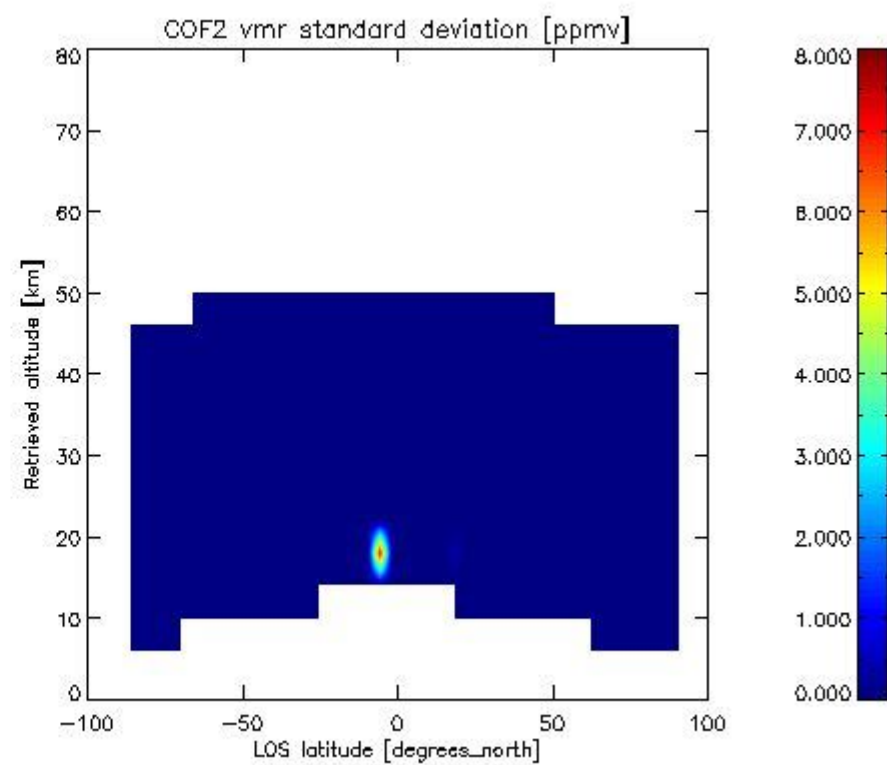
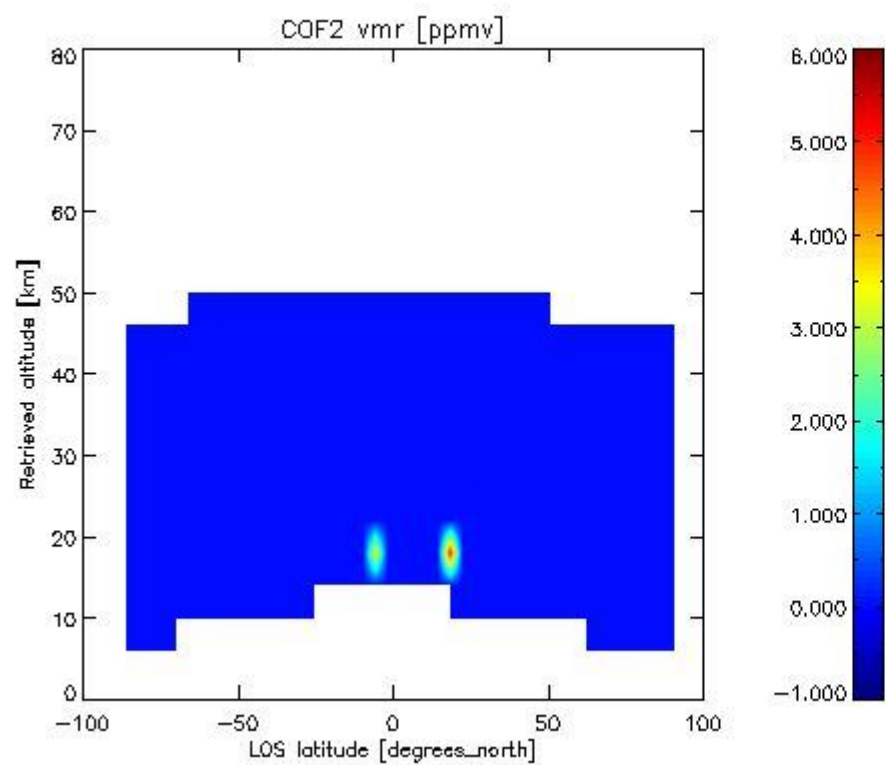
2.2.4.7 F11 overview This section shows values (left) and error (right) for F11 after binning individual sweep values over retrieved altitude and tangent latitude.

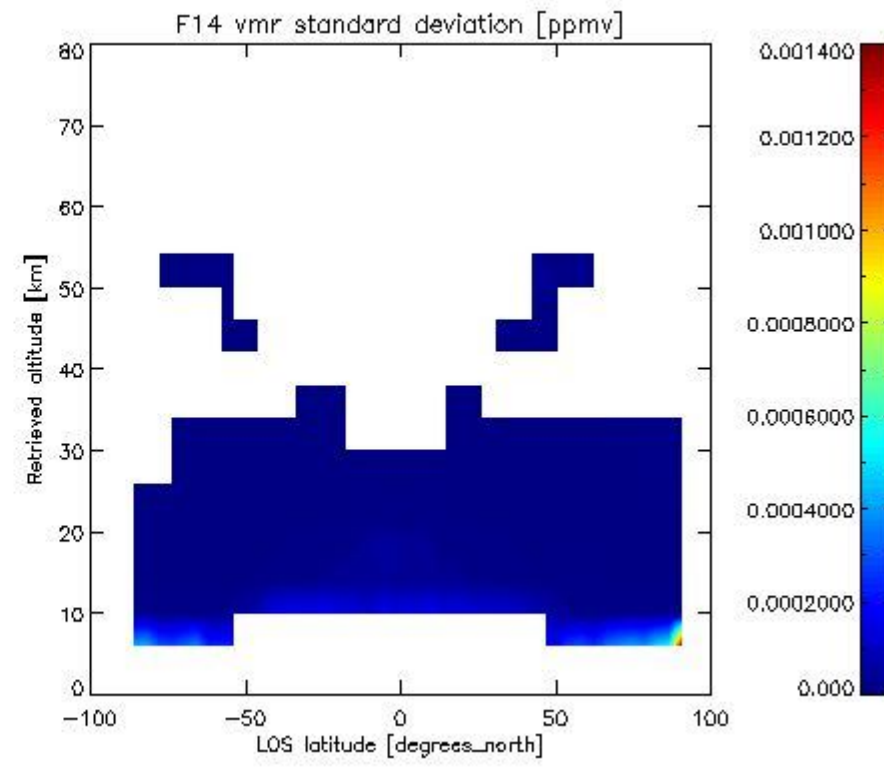
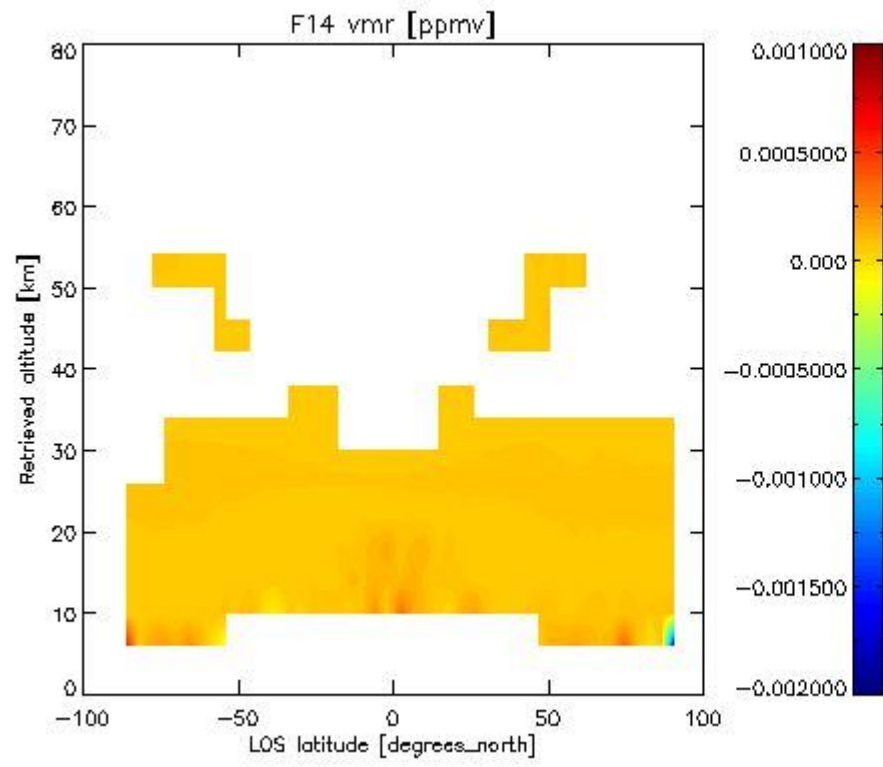
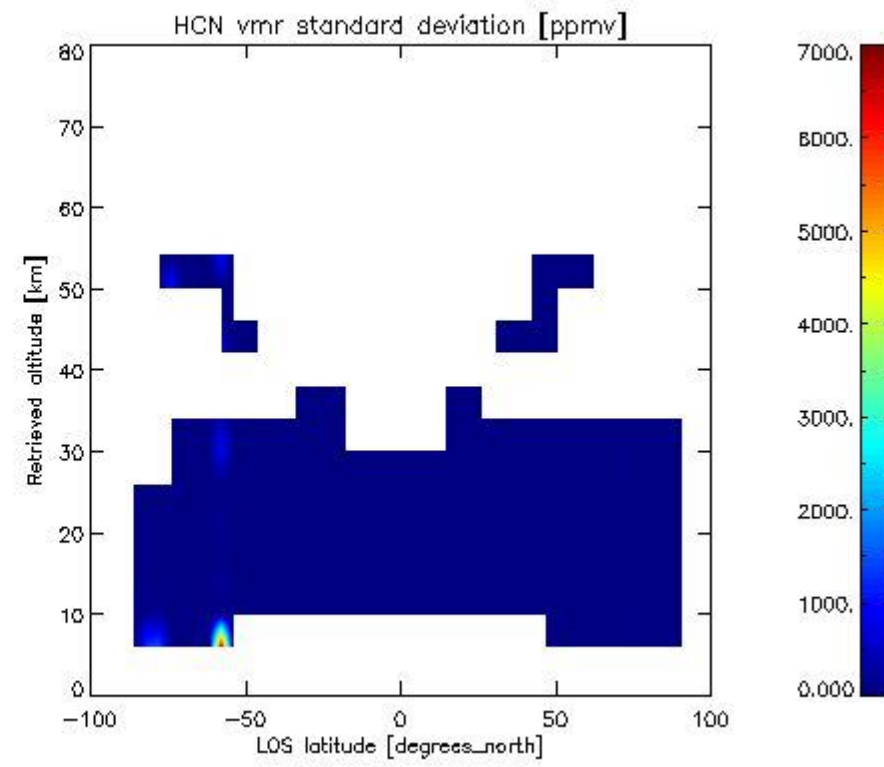
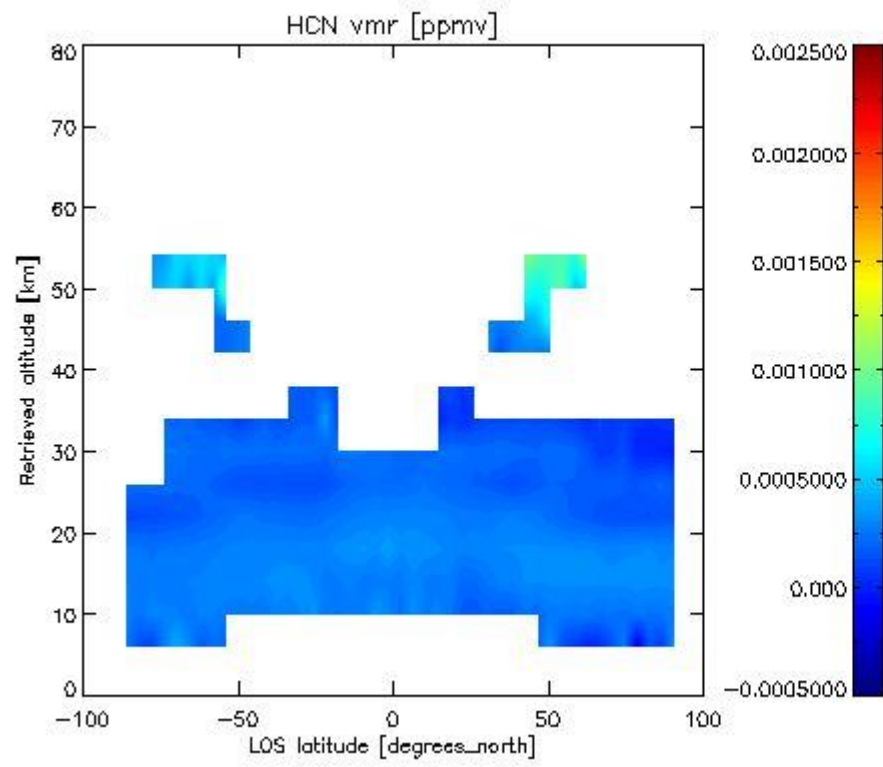


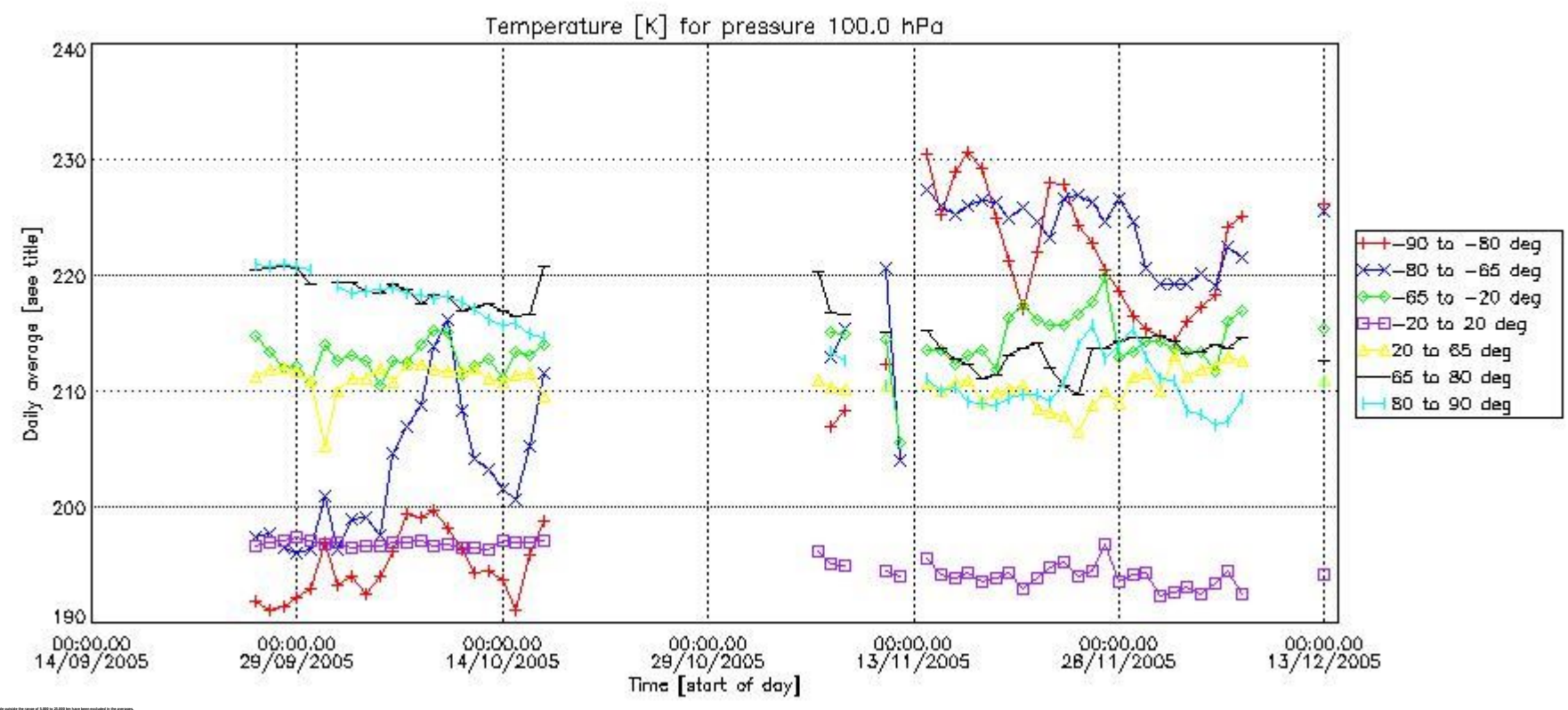
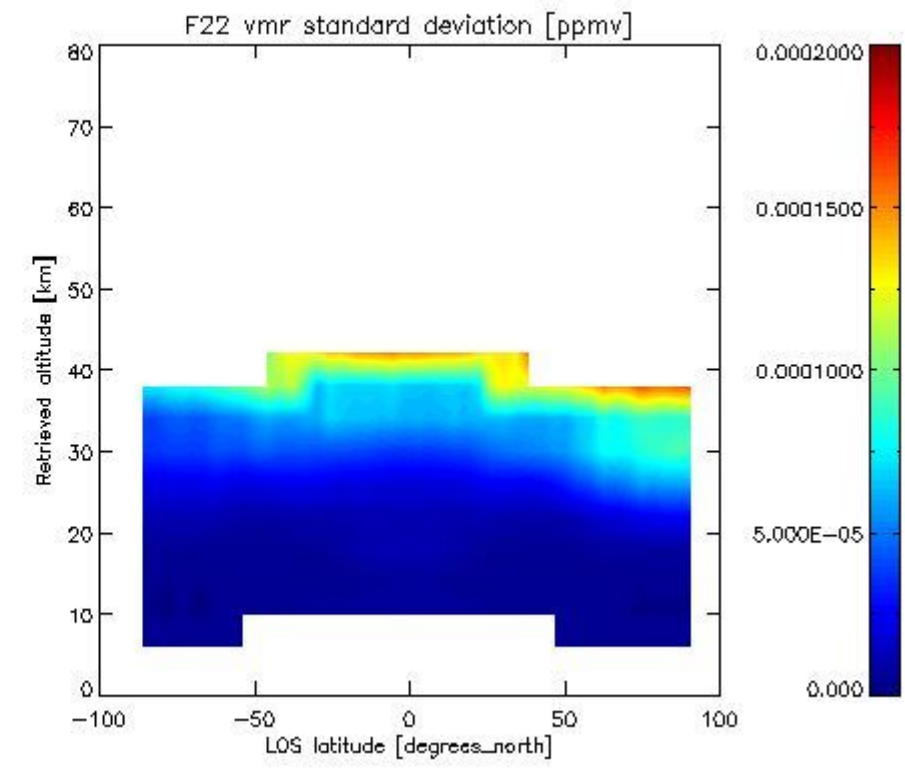
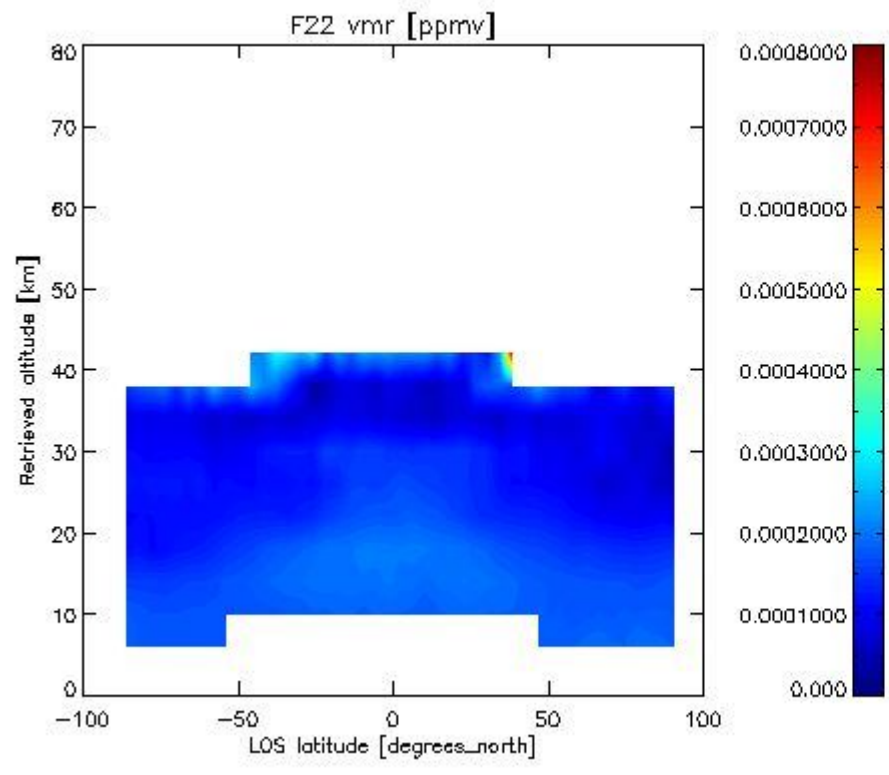
2.3.4 CLNO overview This section shows values (left) and error (right) for CLNO after binning individual sweep values over retrieved altitude and target latitude.

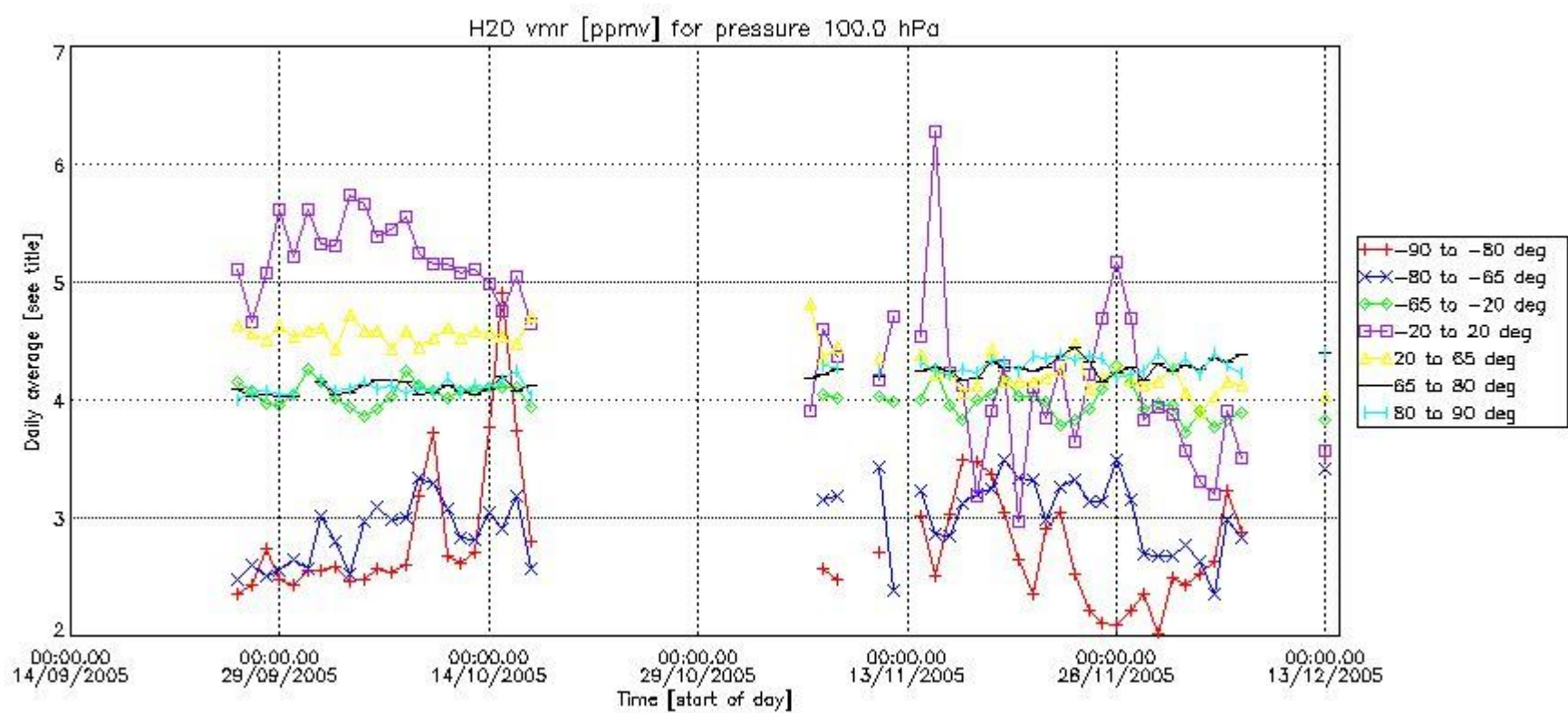
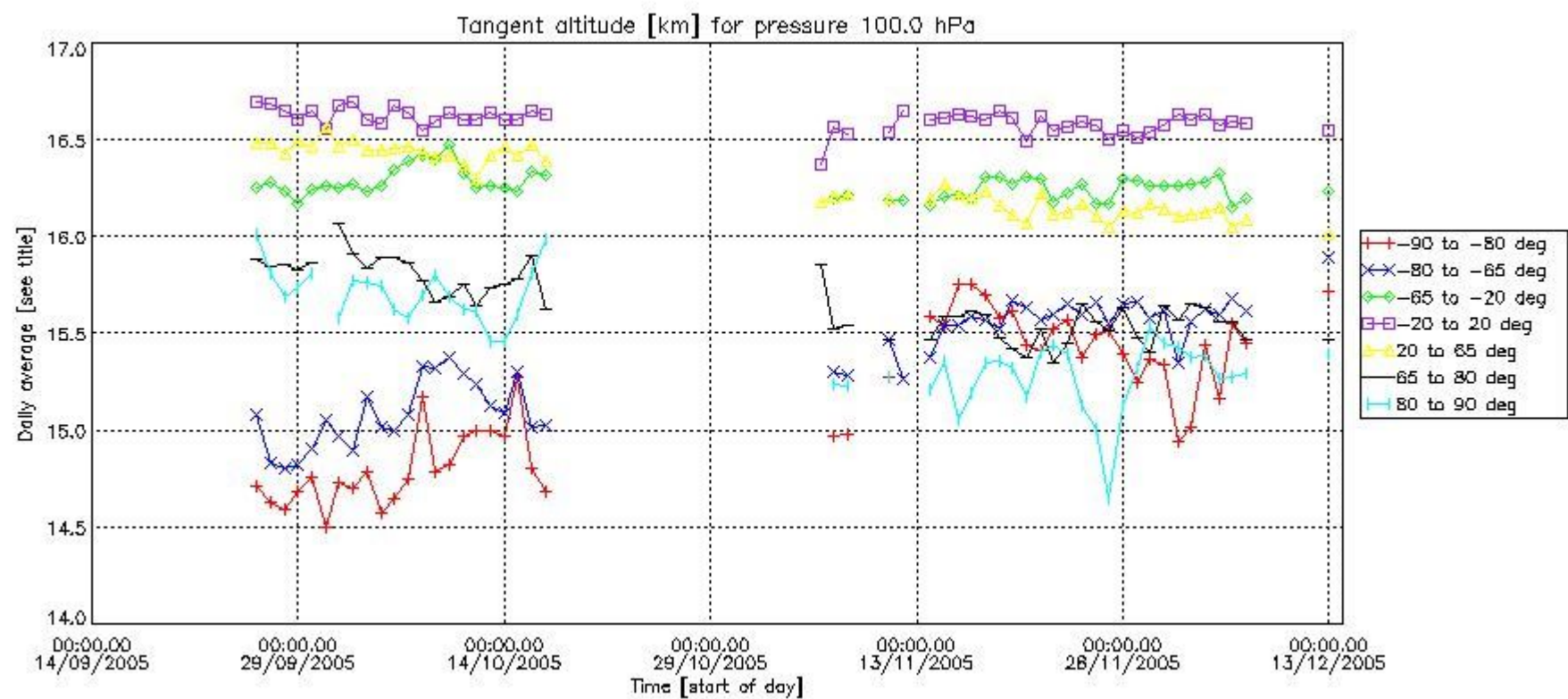


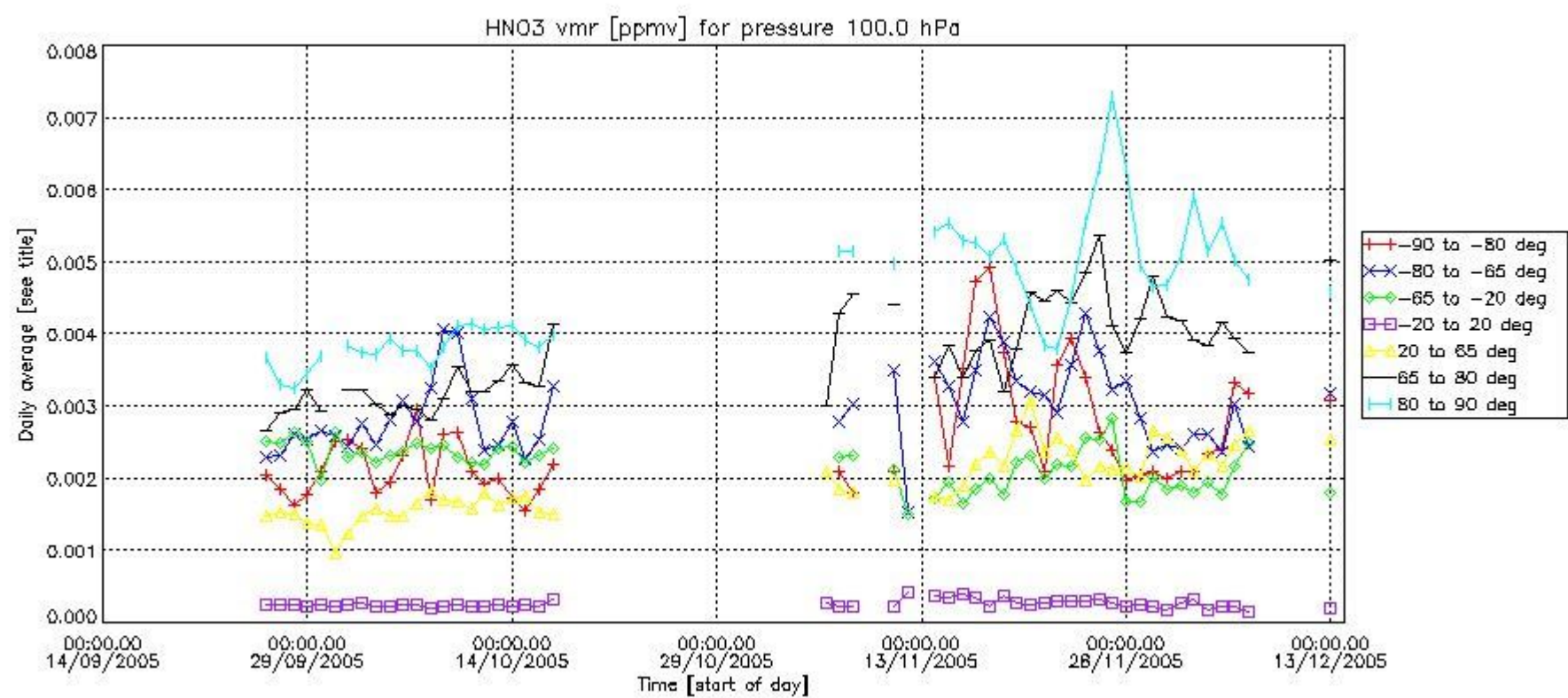
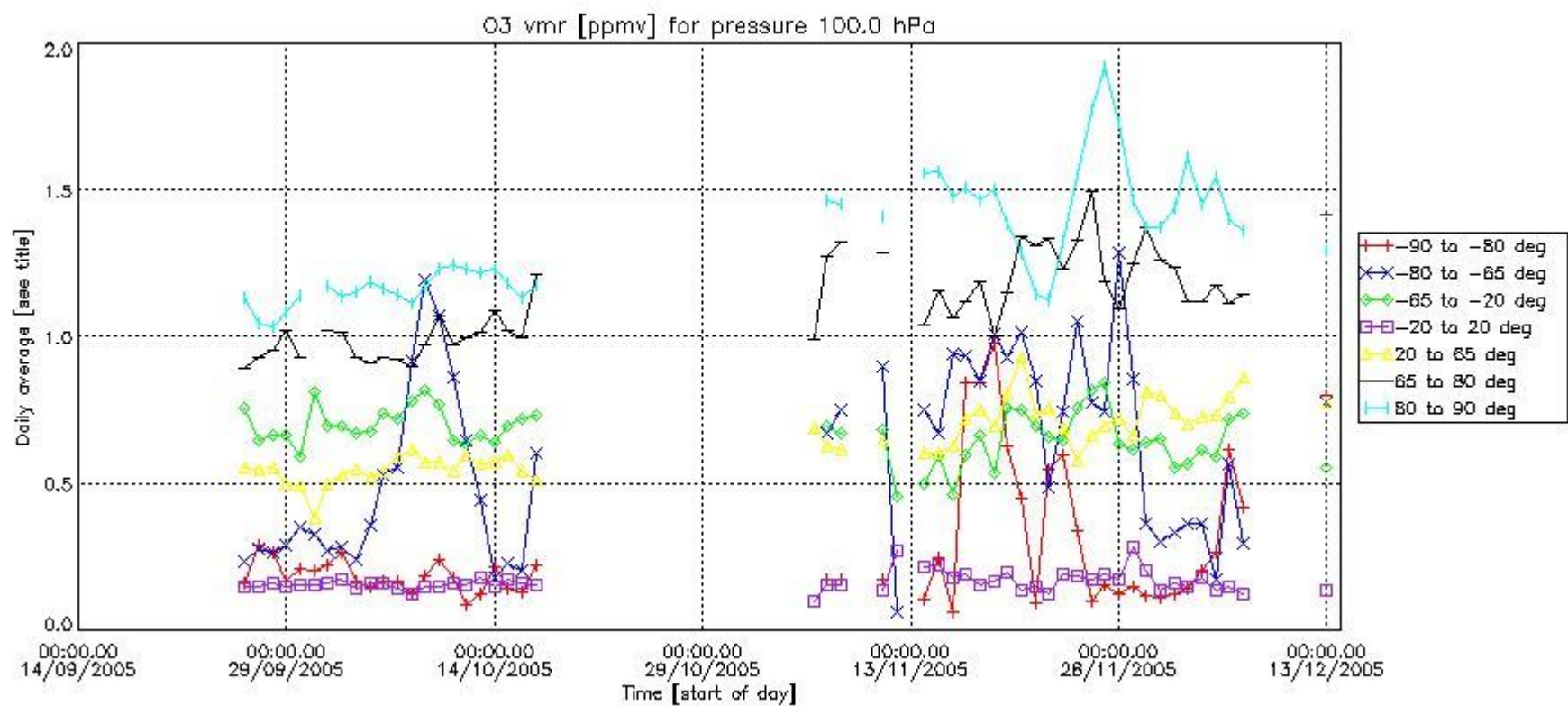


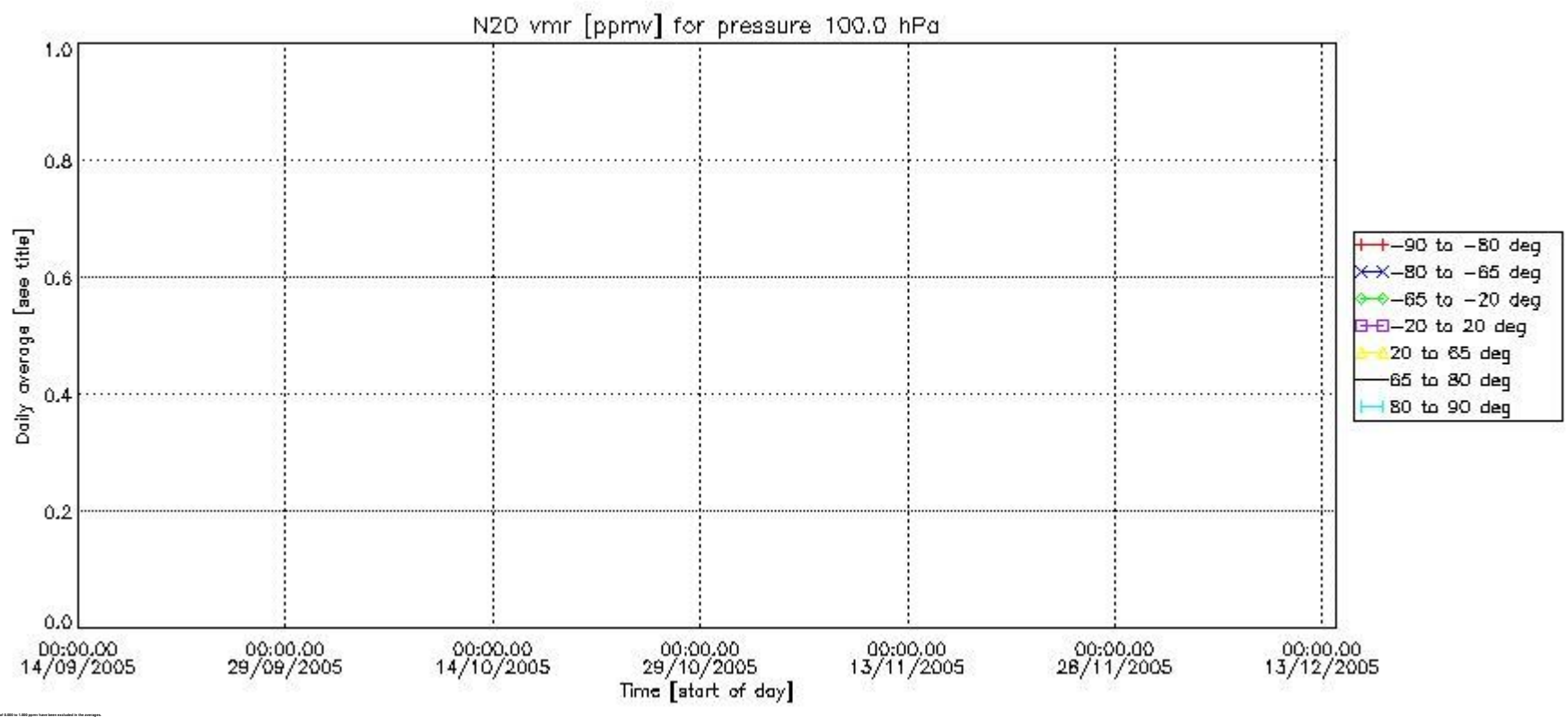
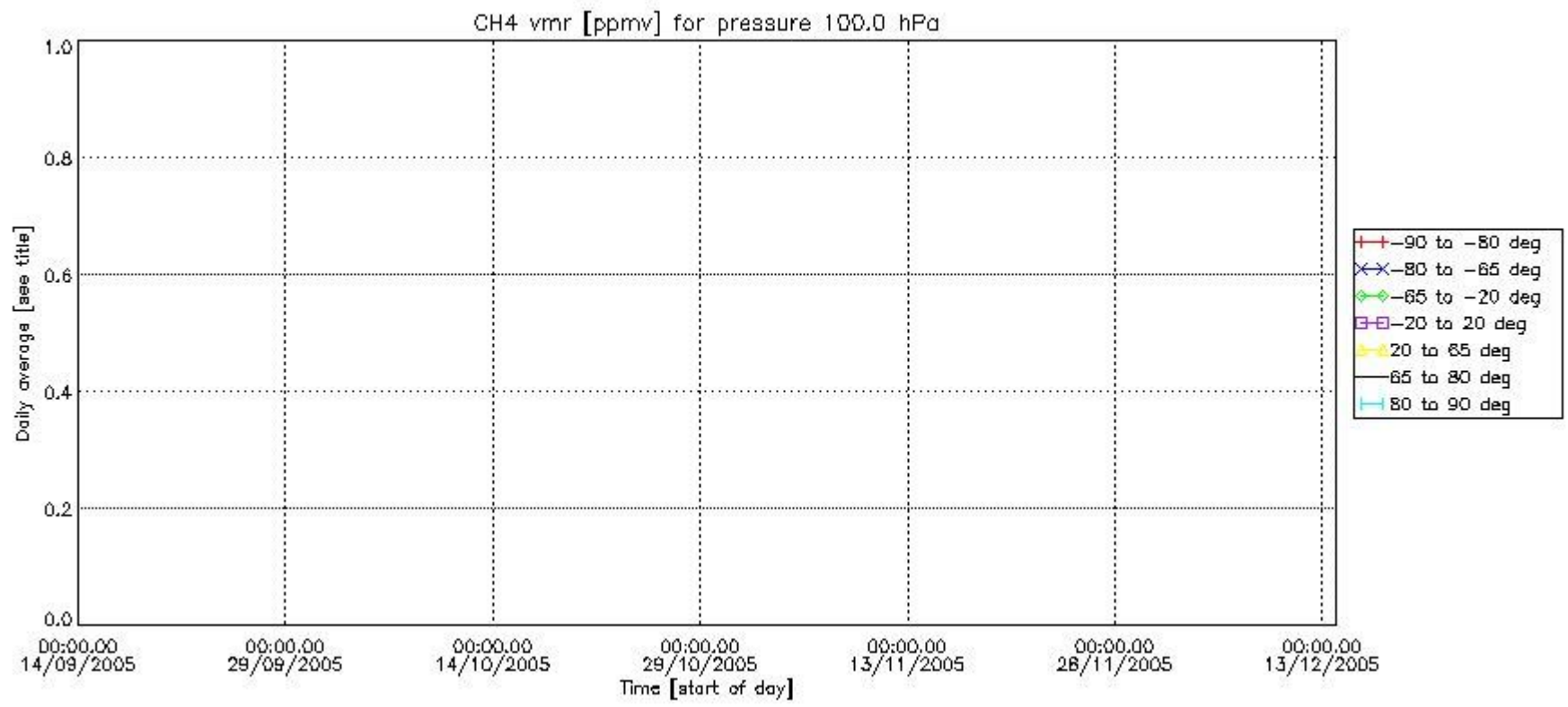


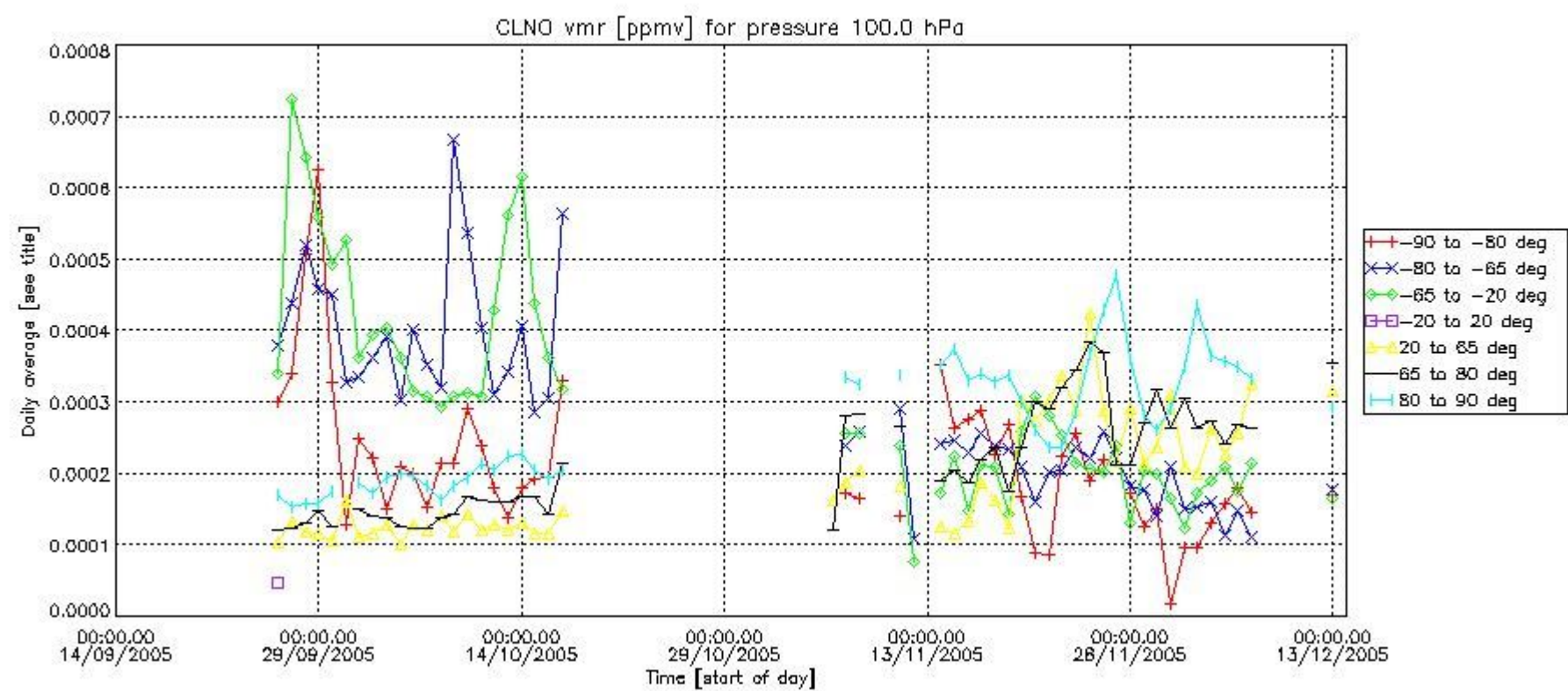
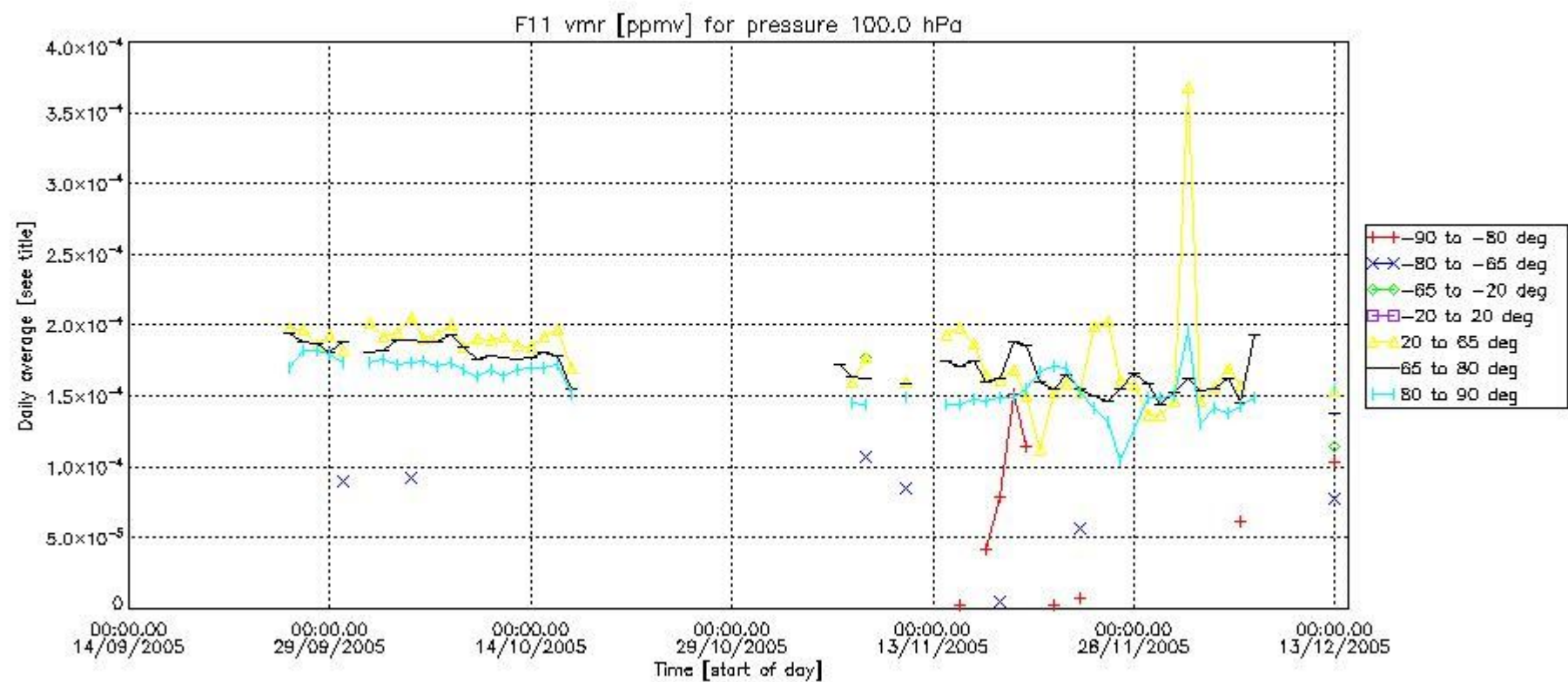


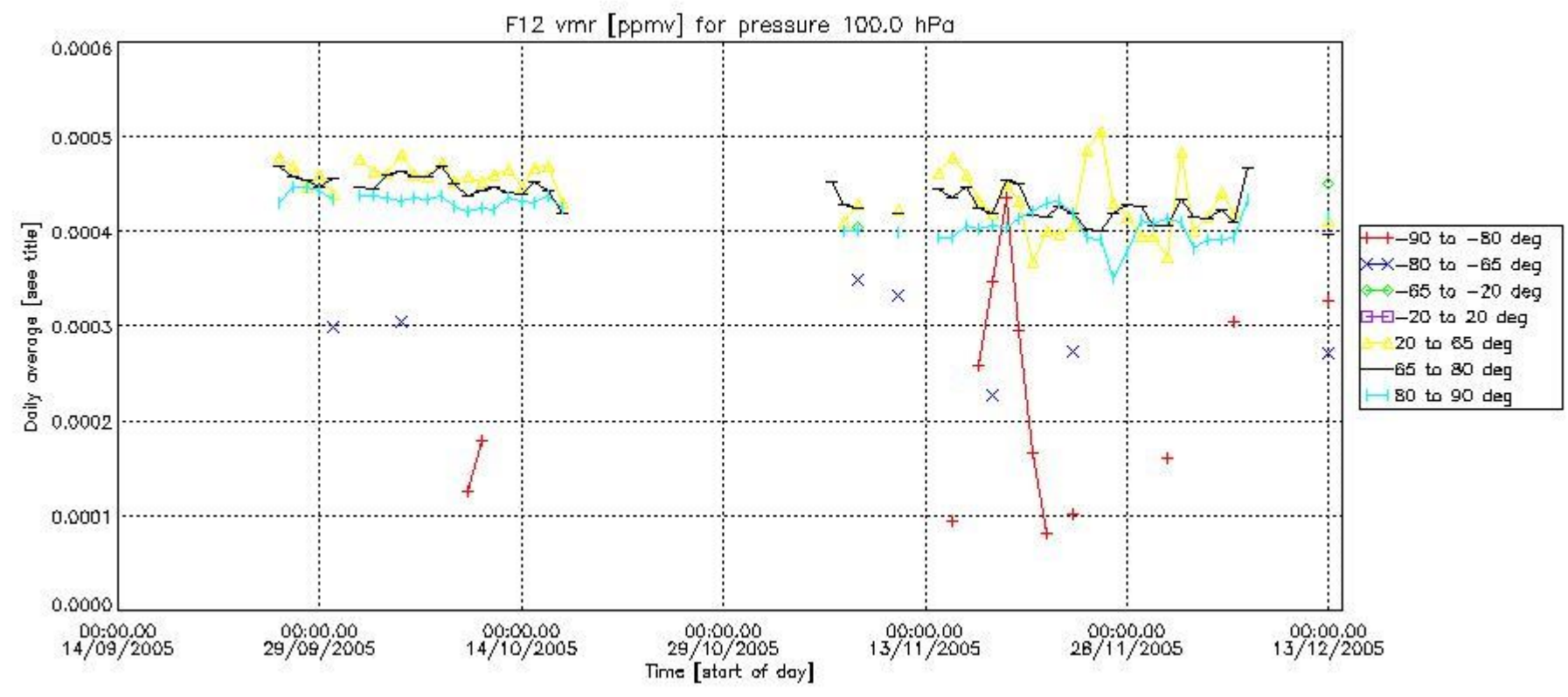
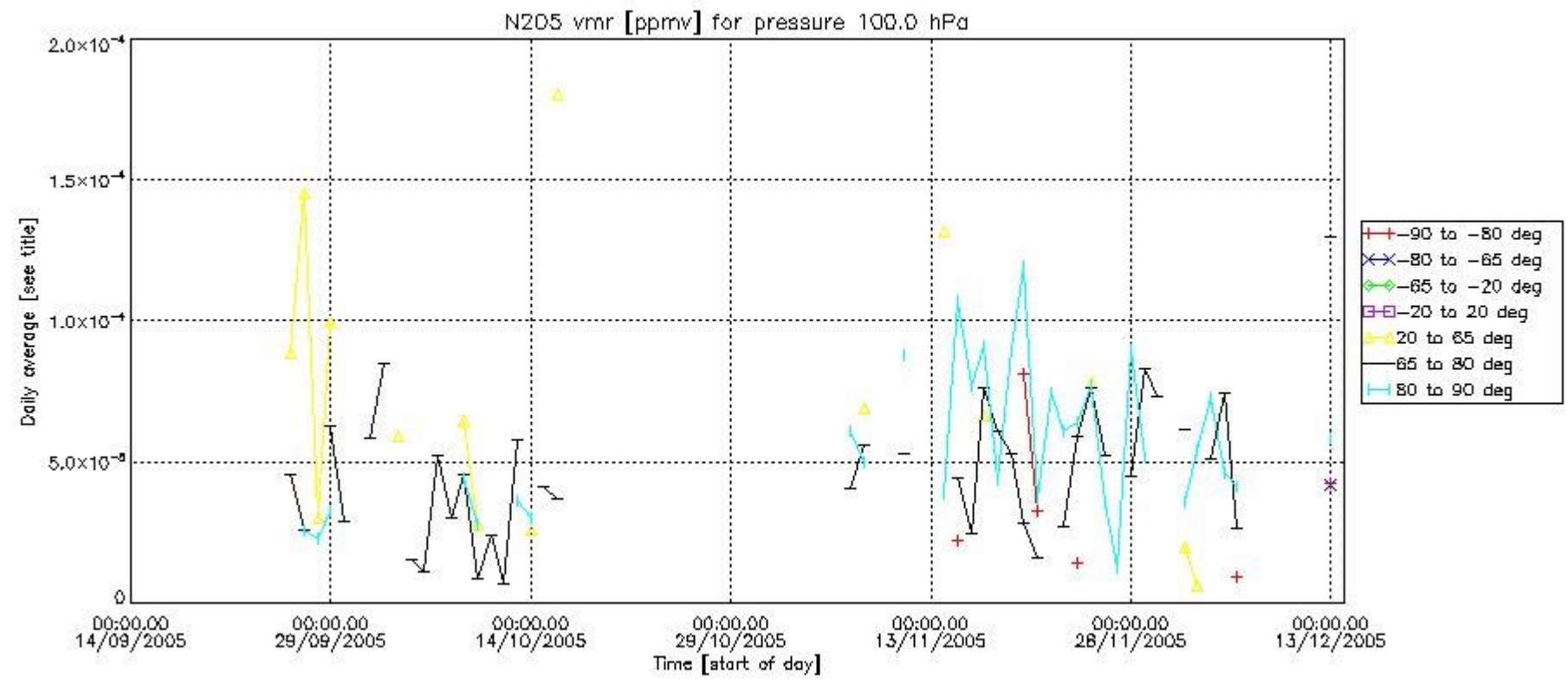


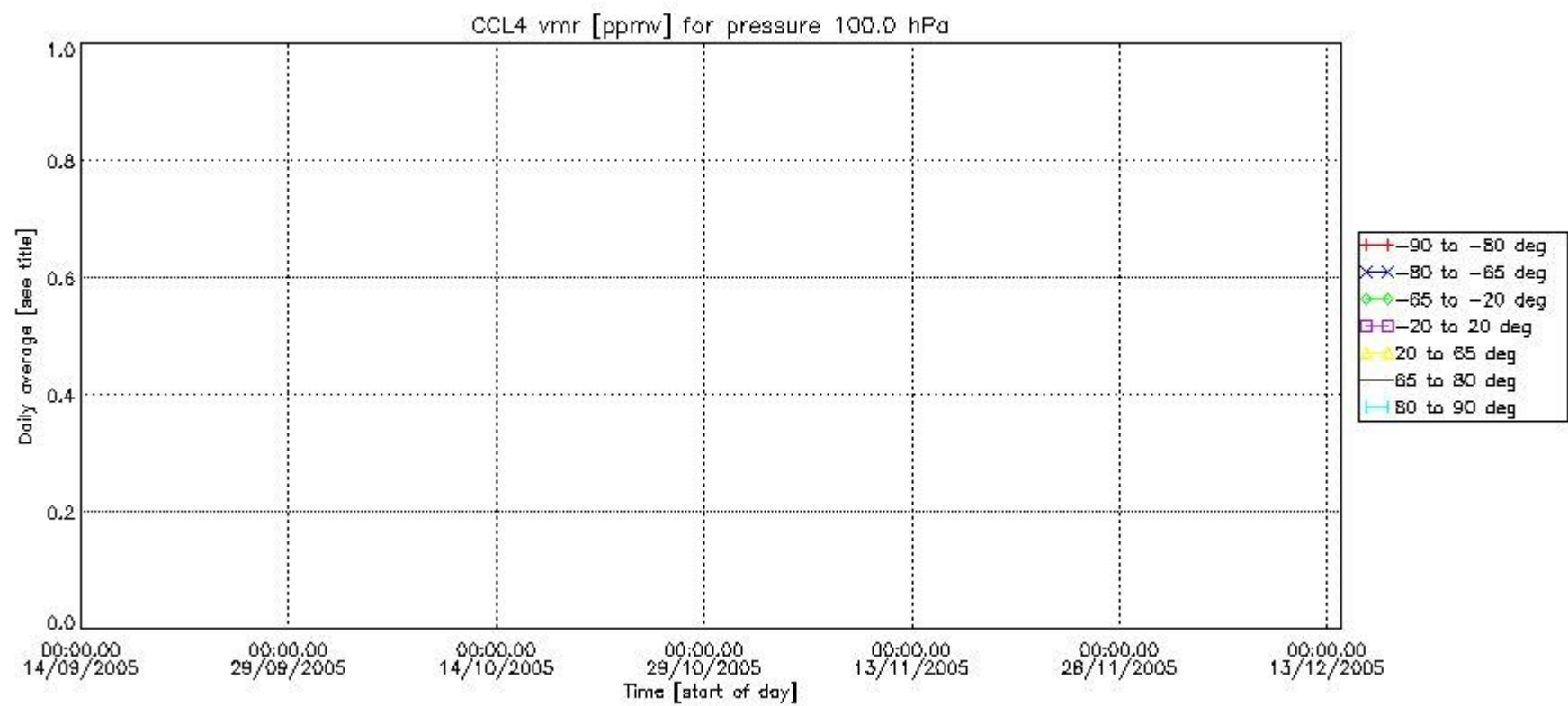
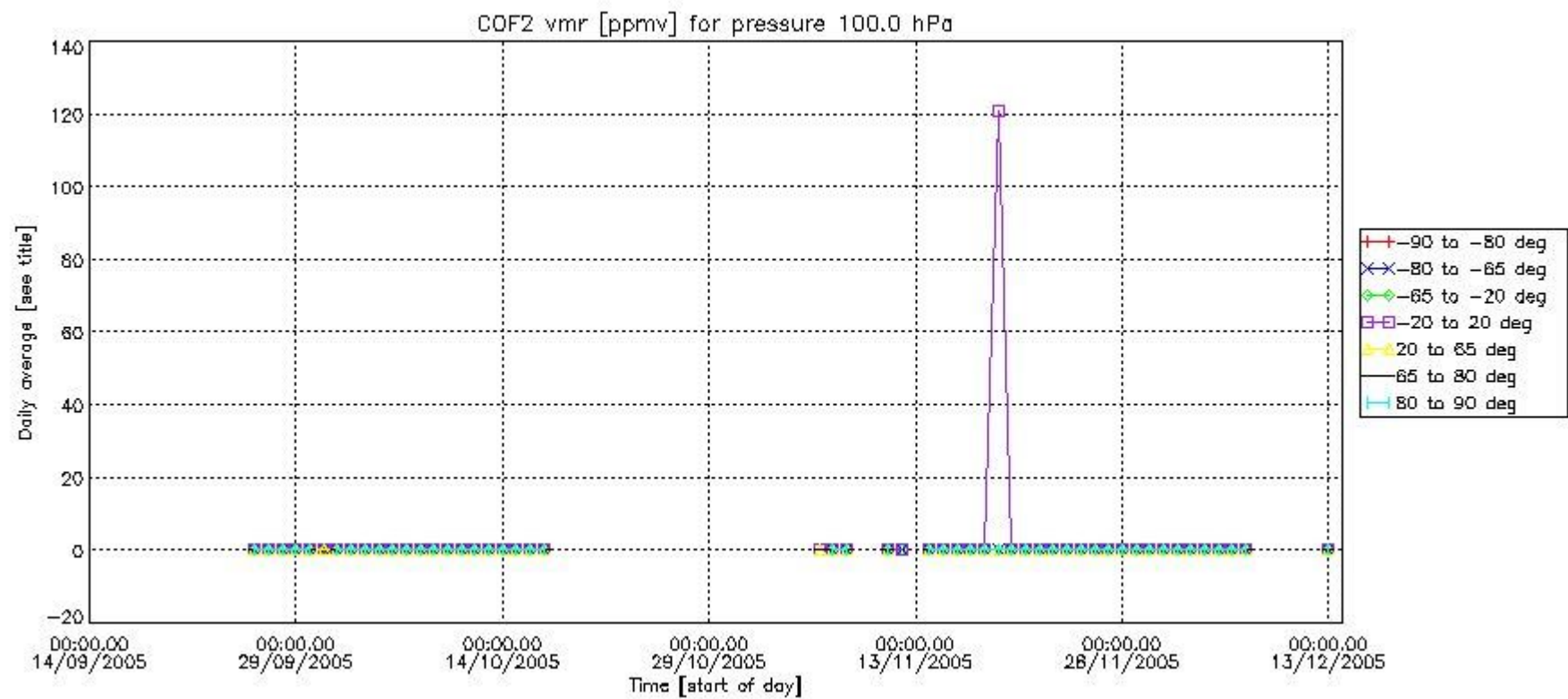


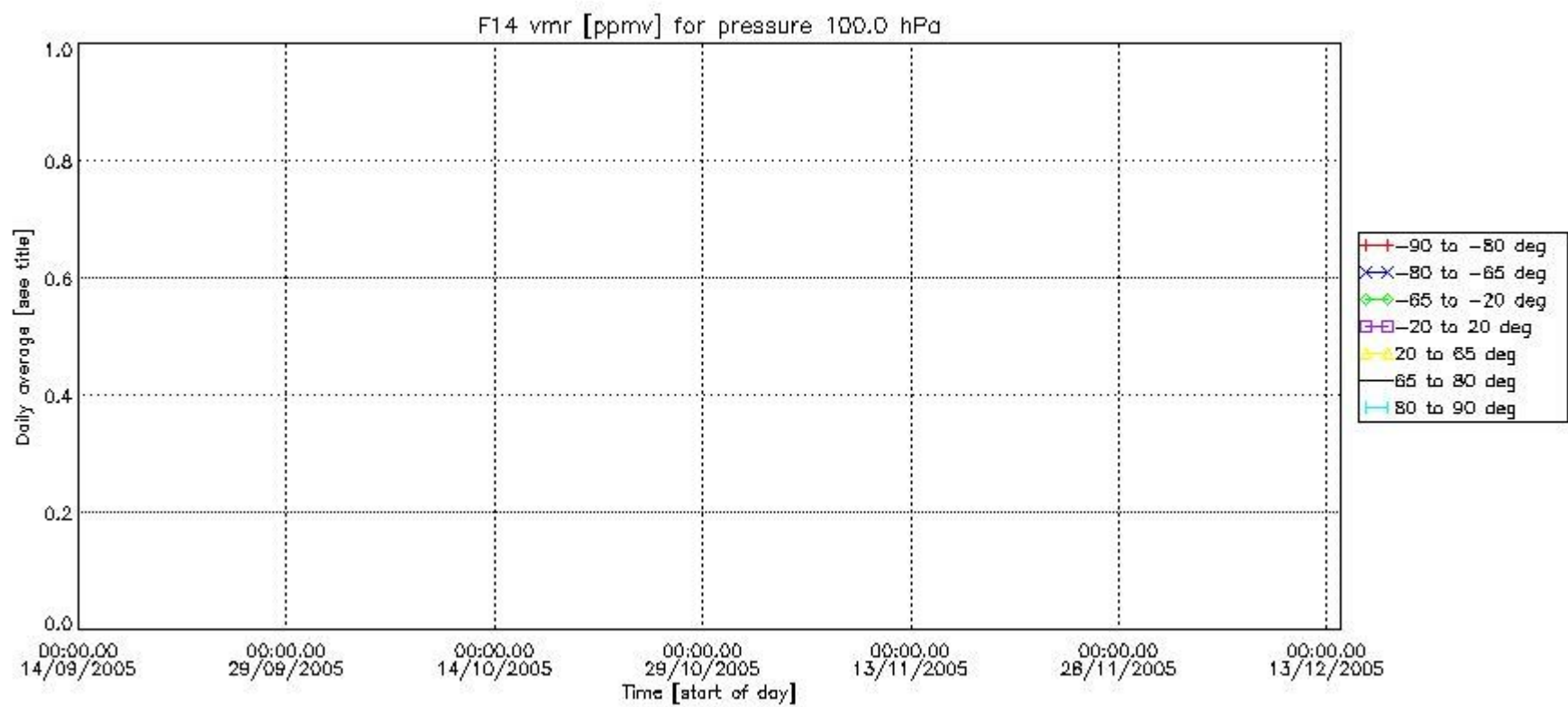
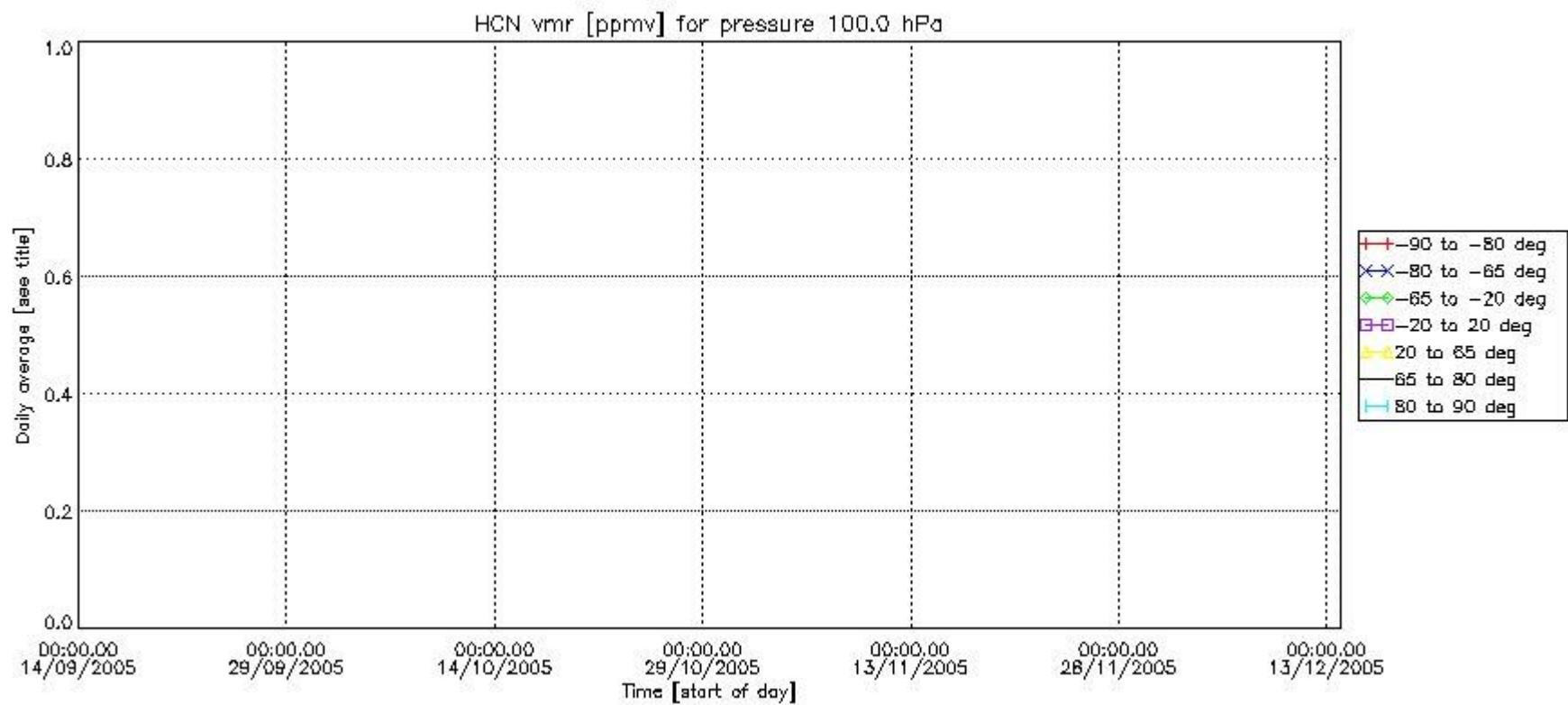


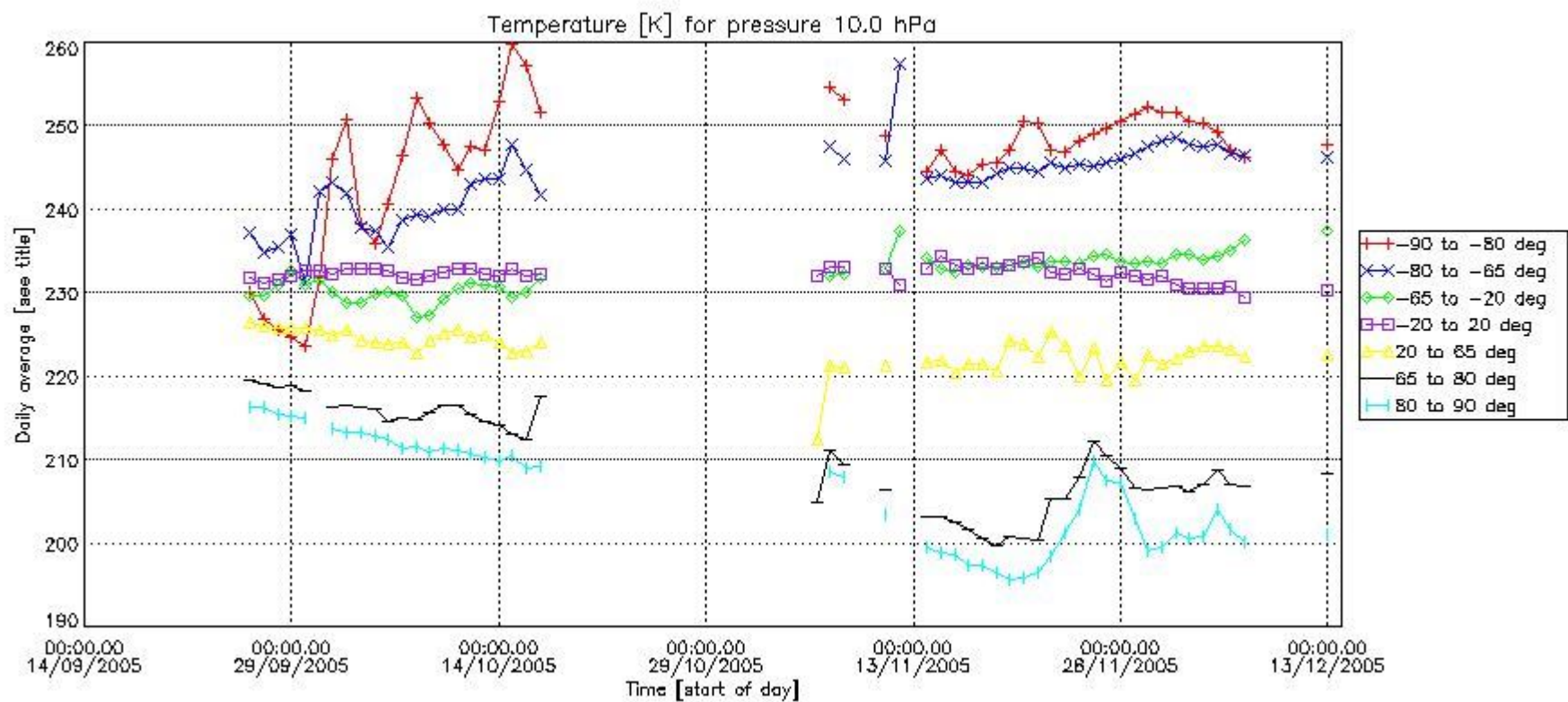
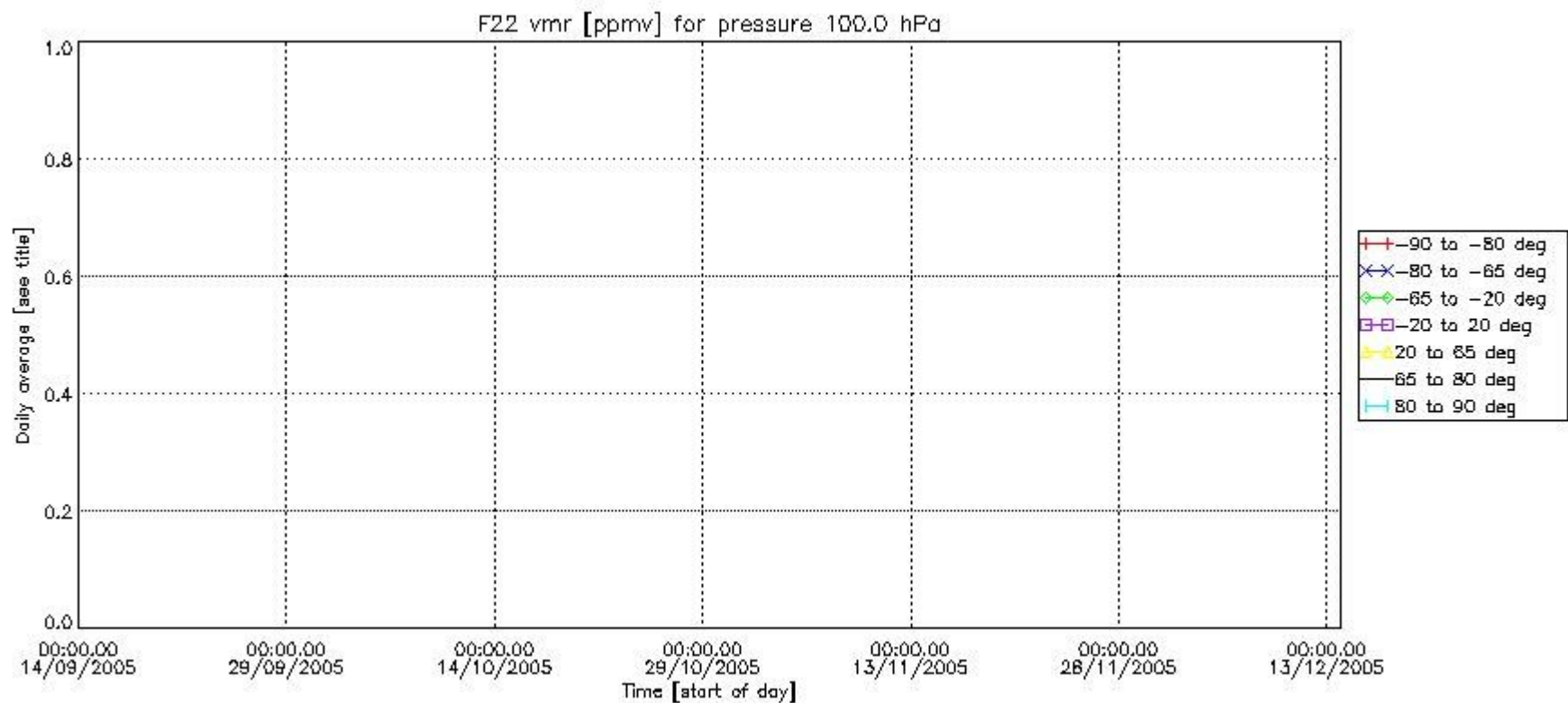


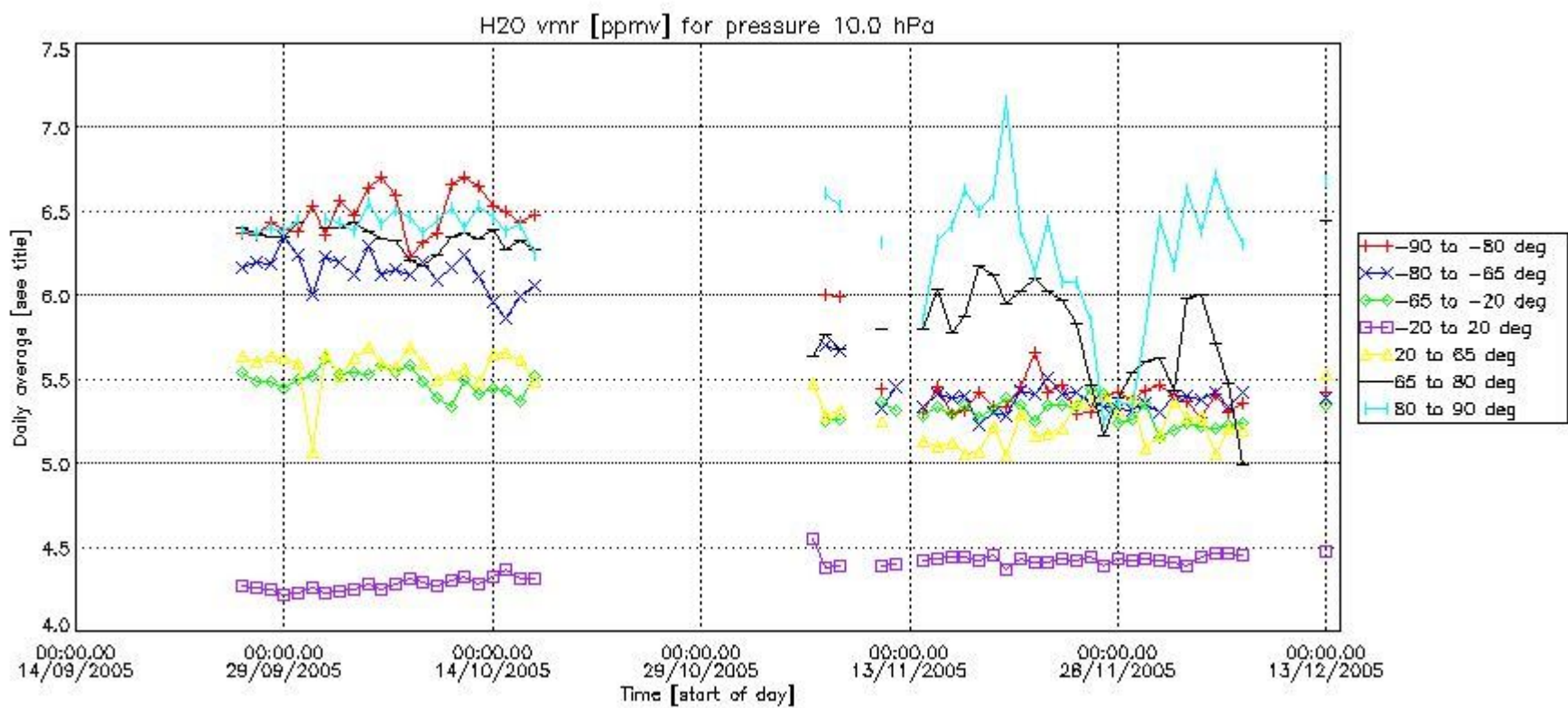
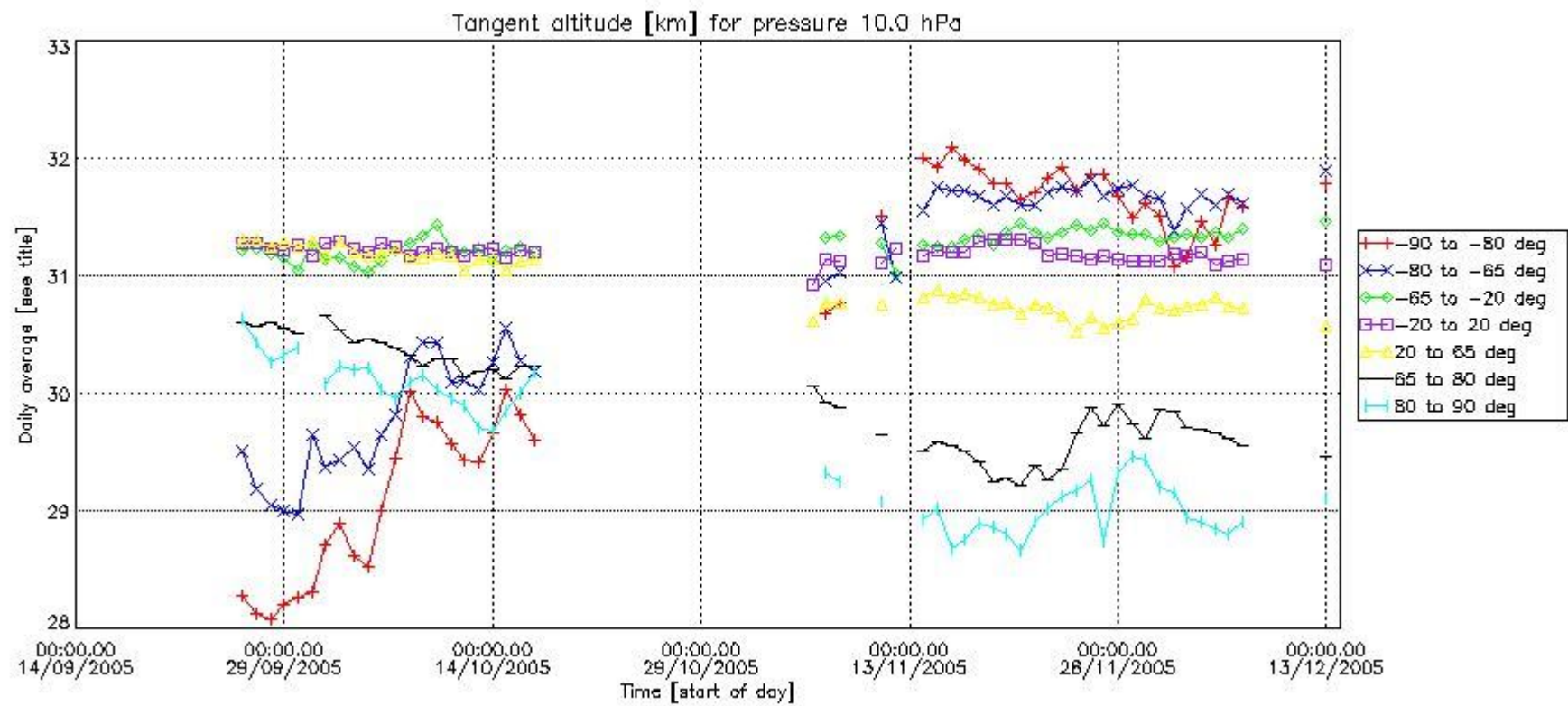


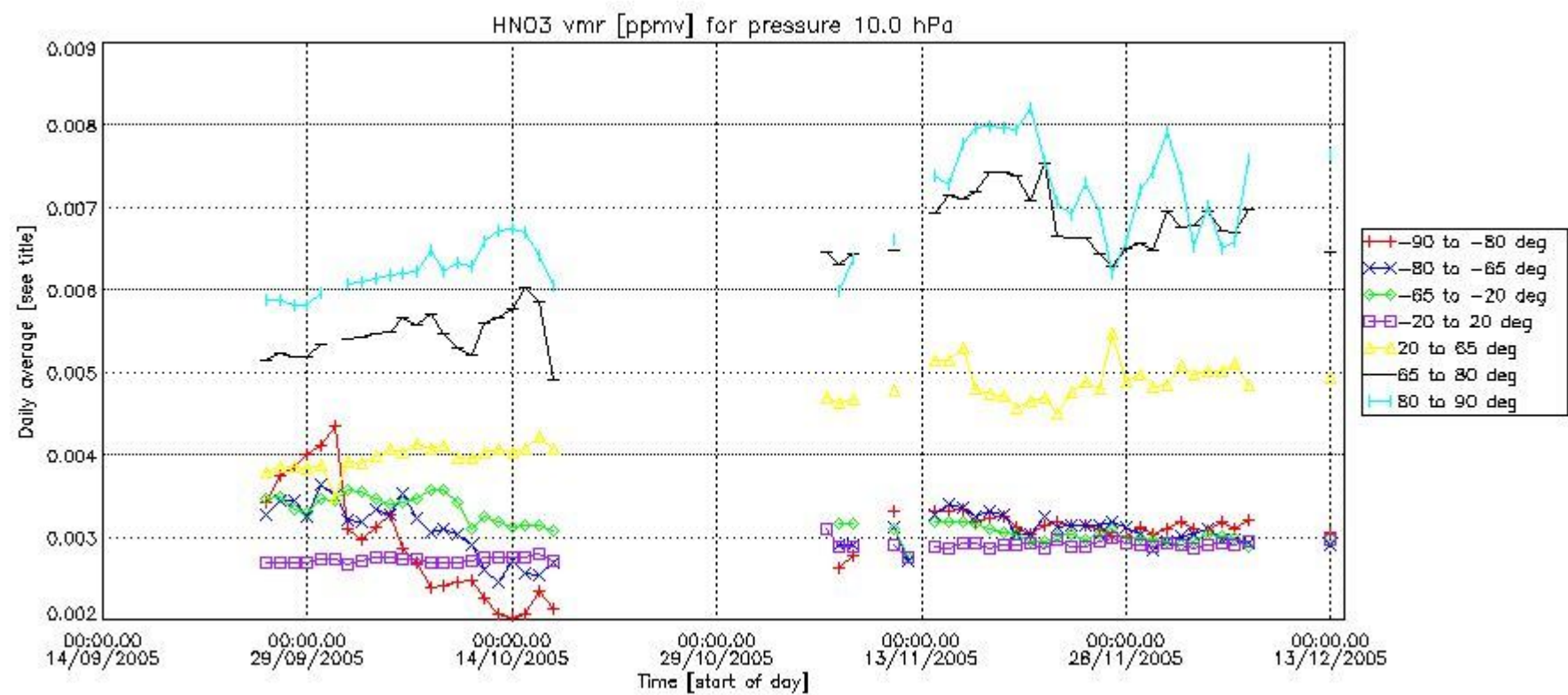
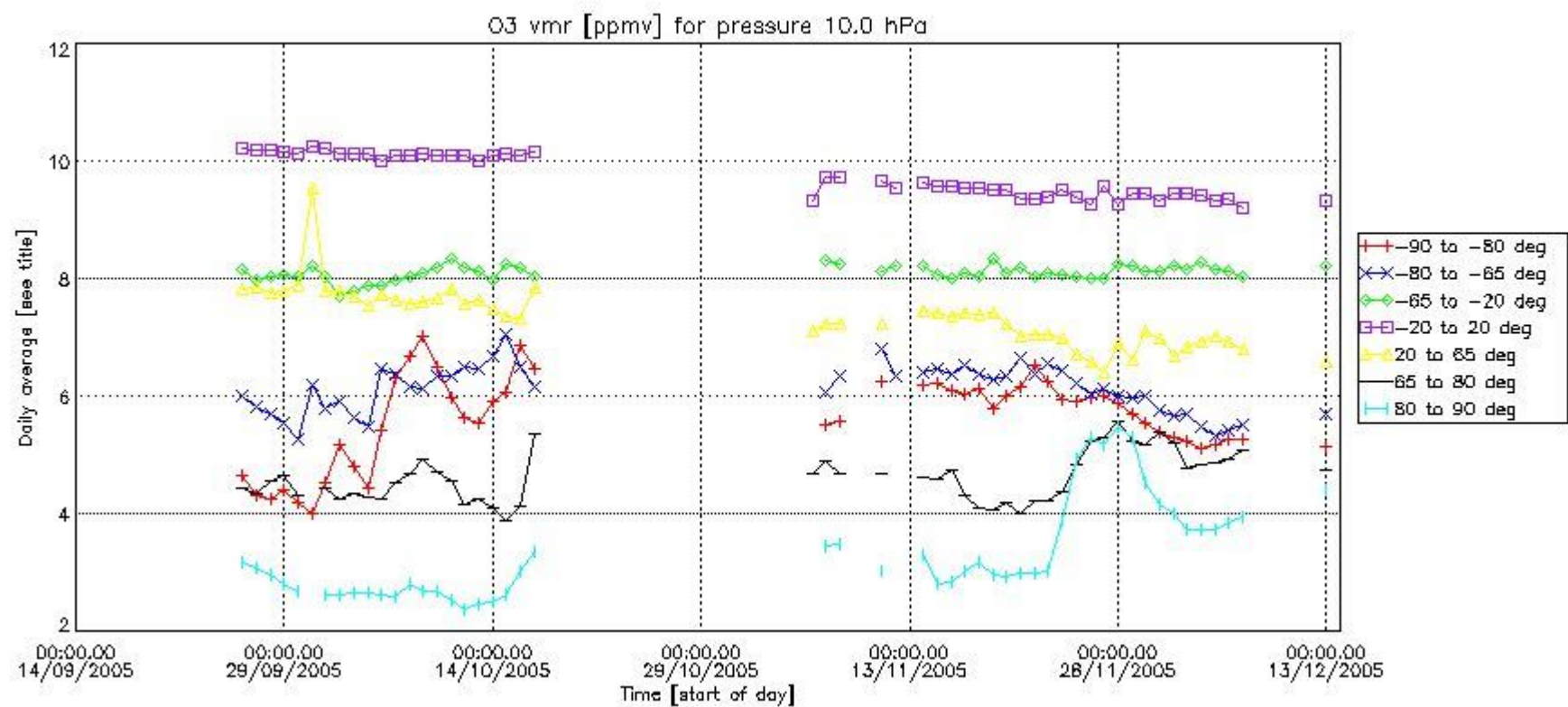


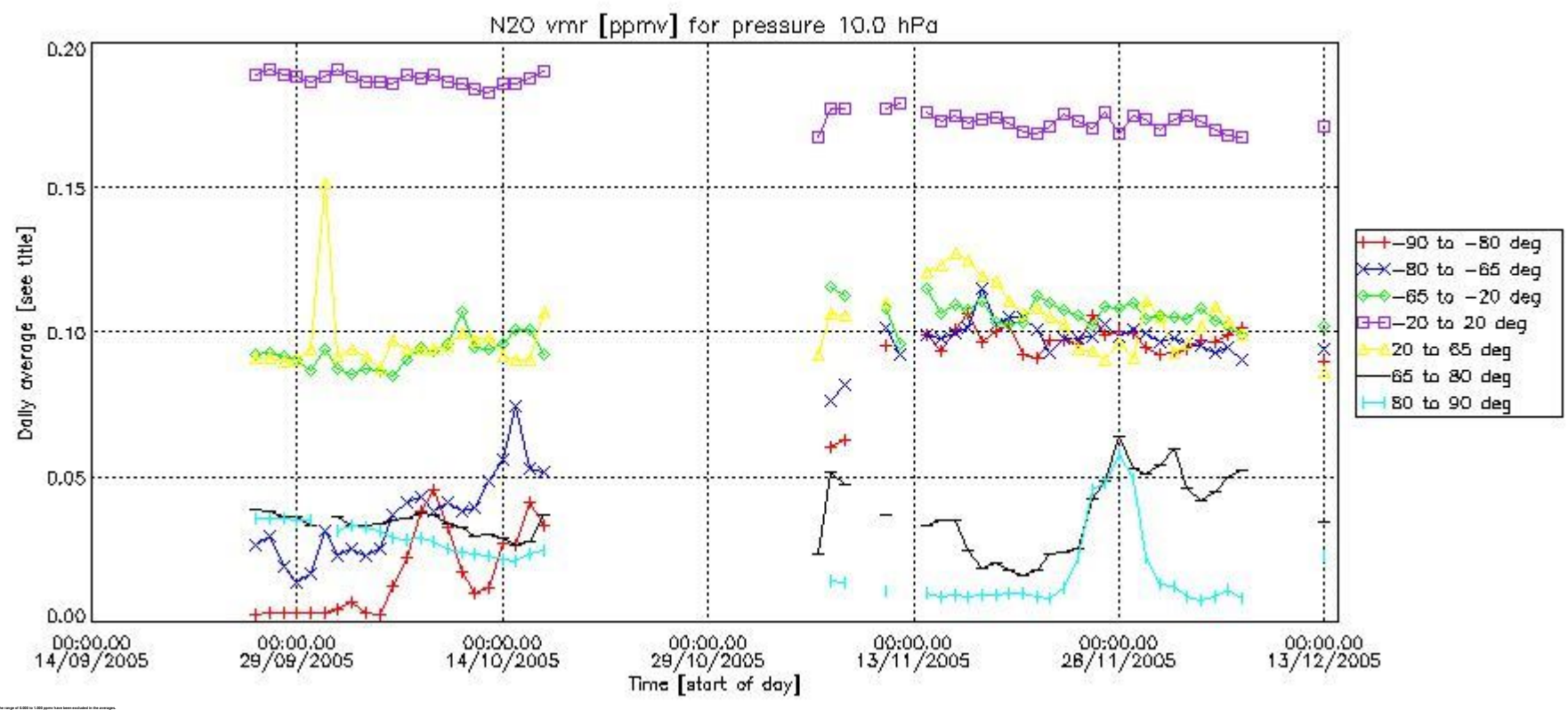
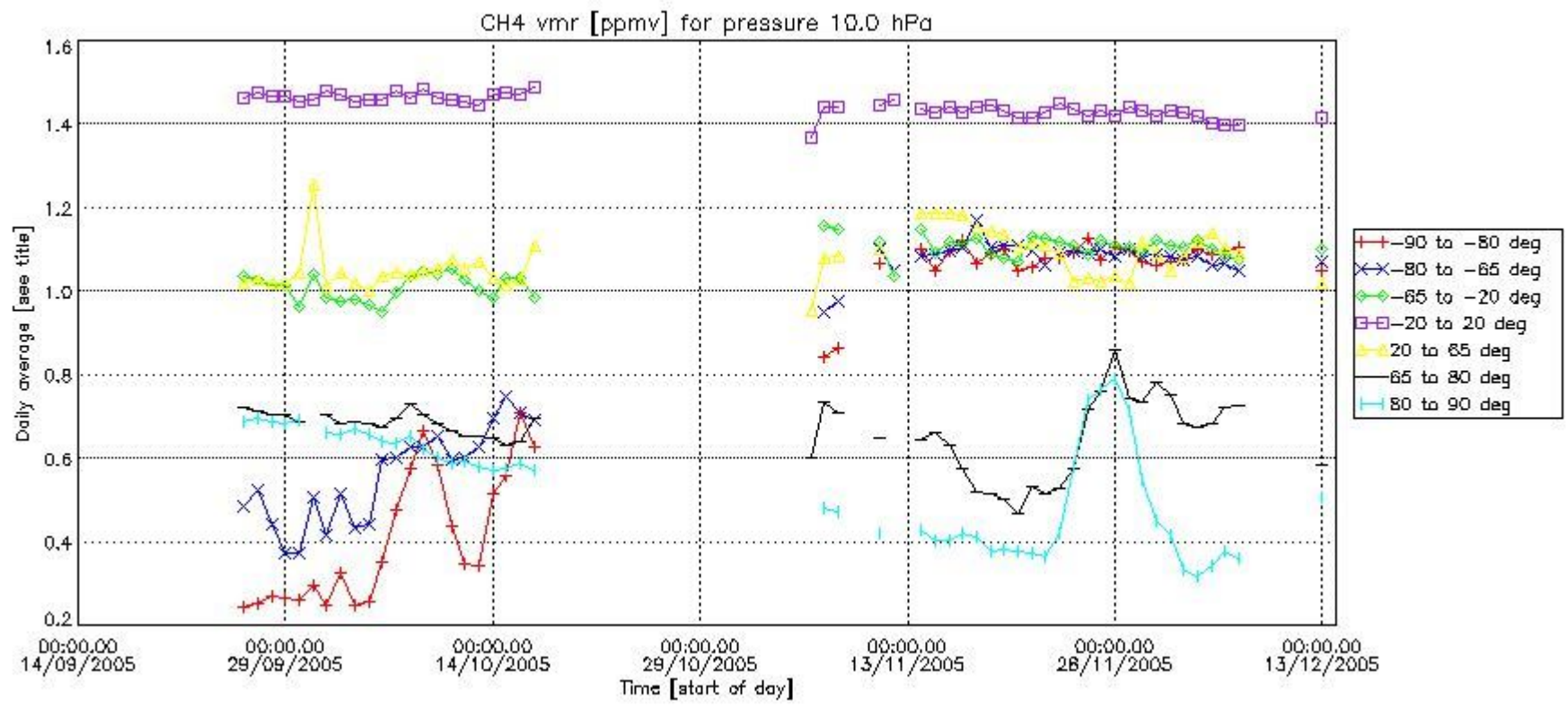


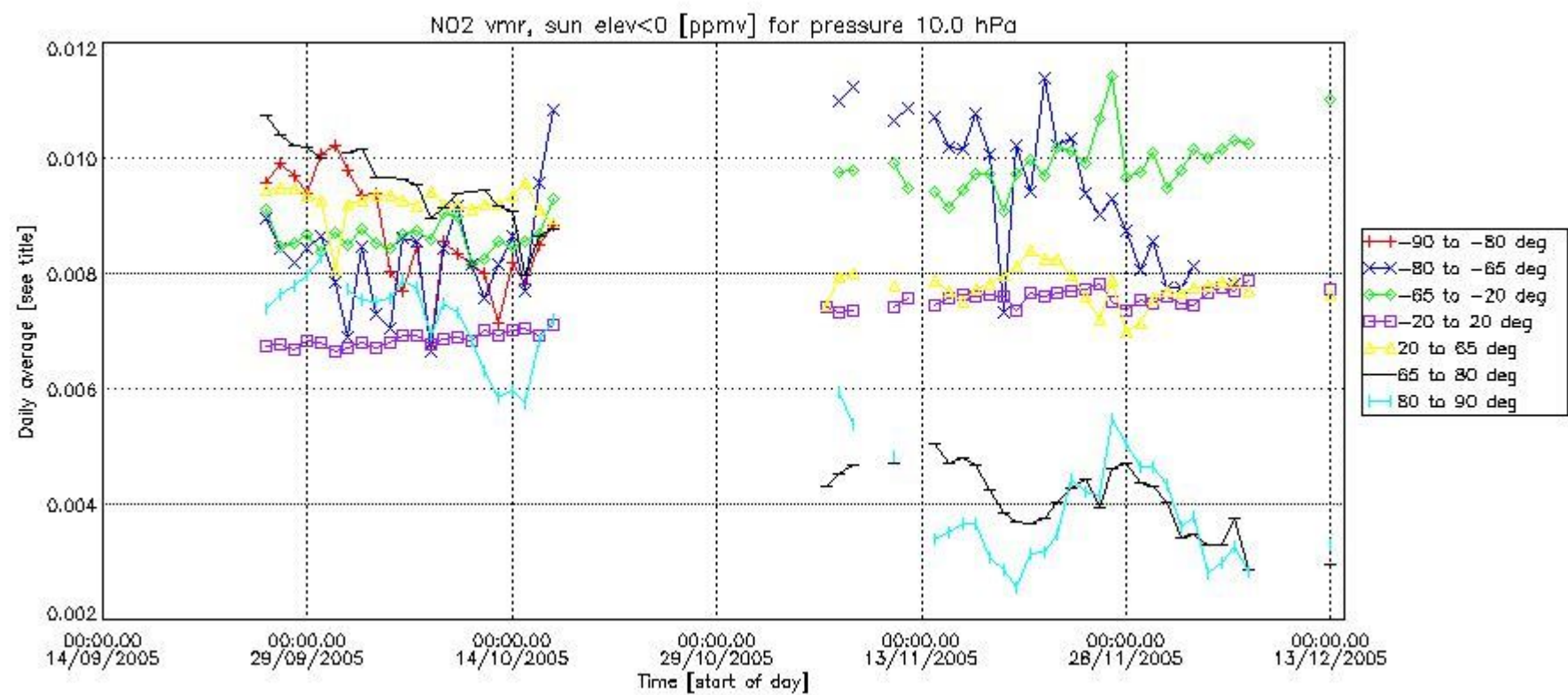
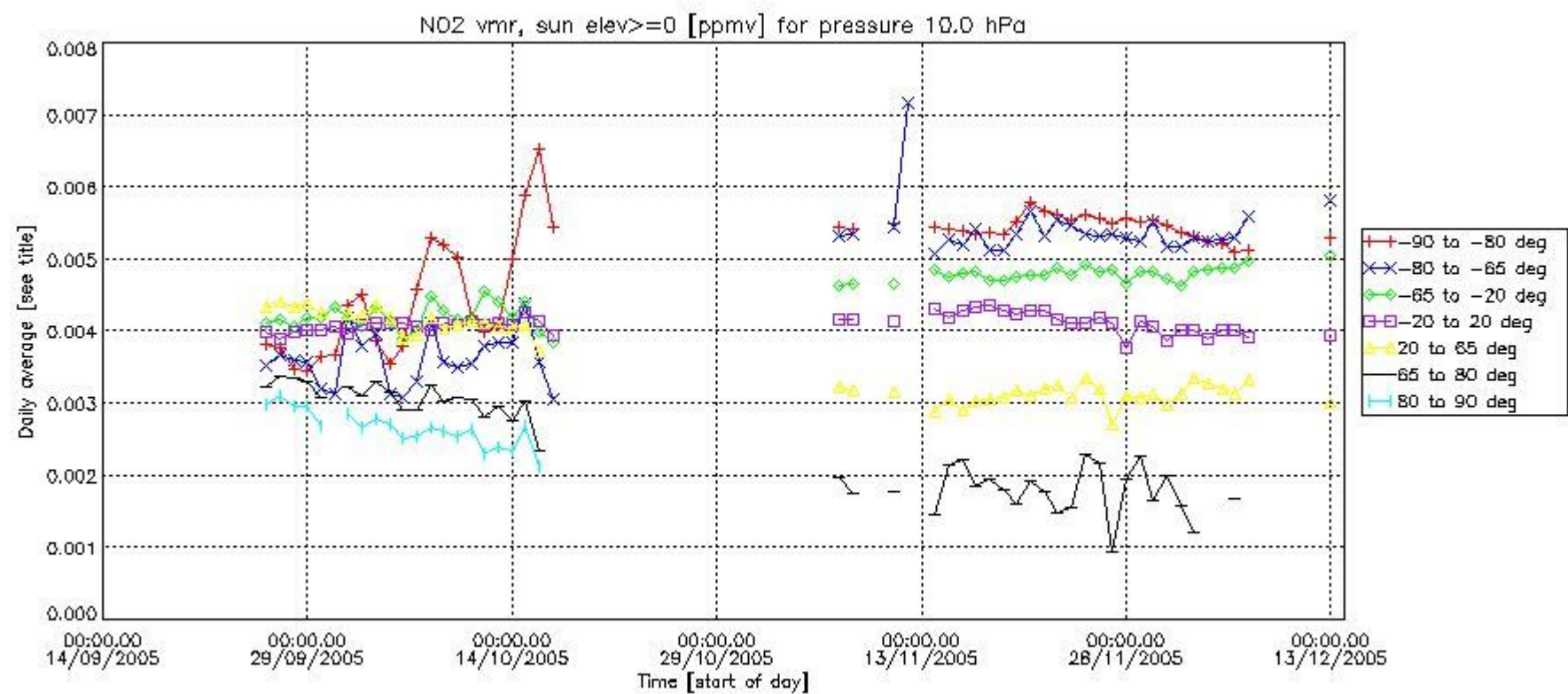


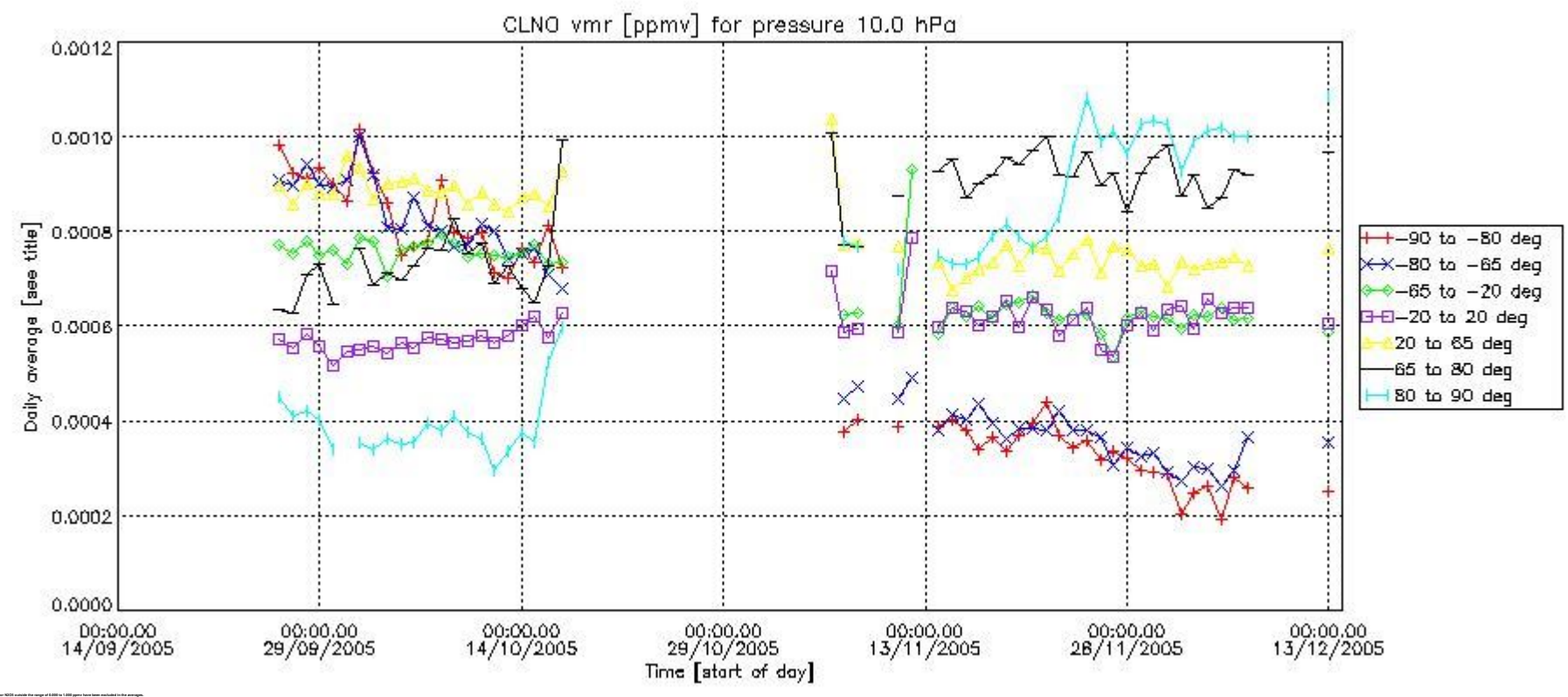
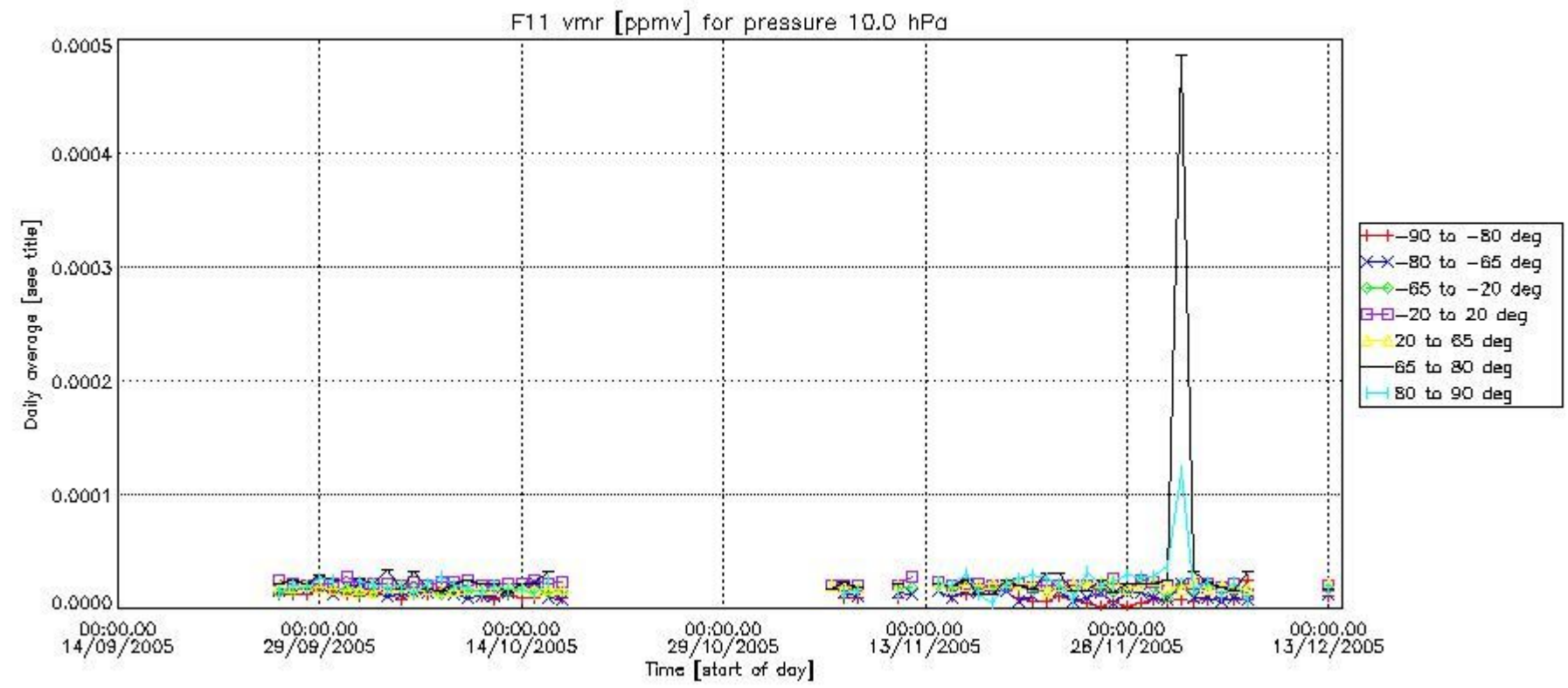


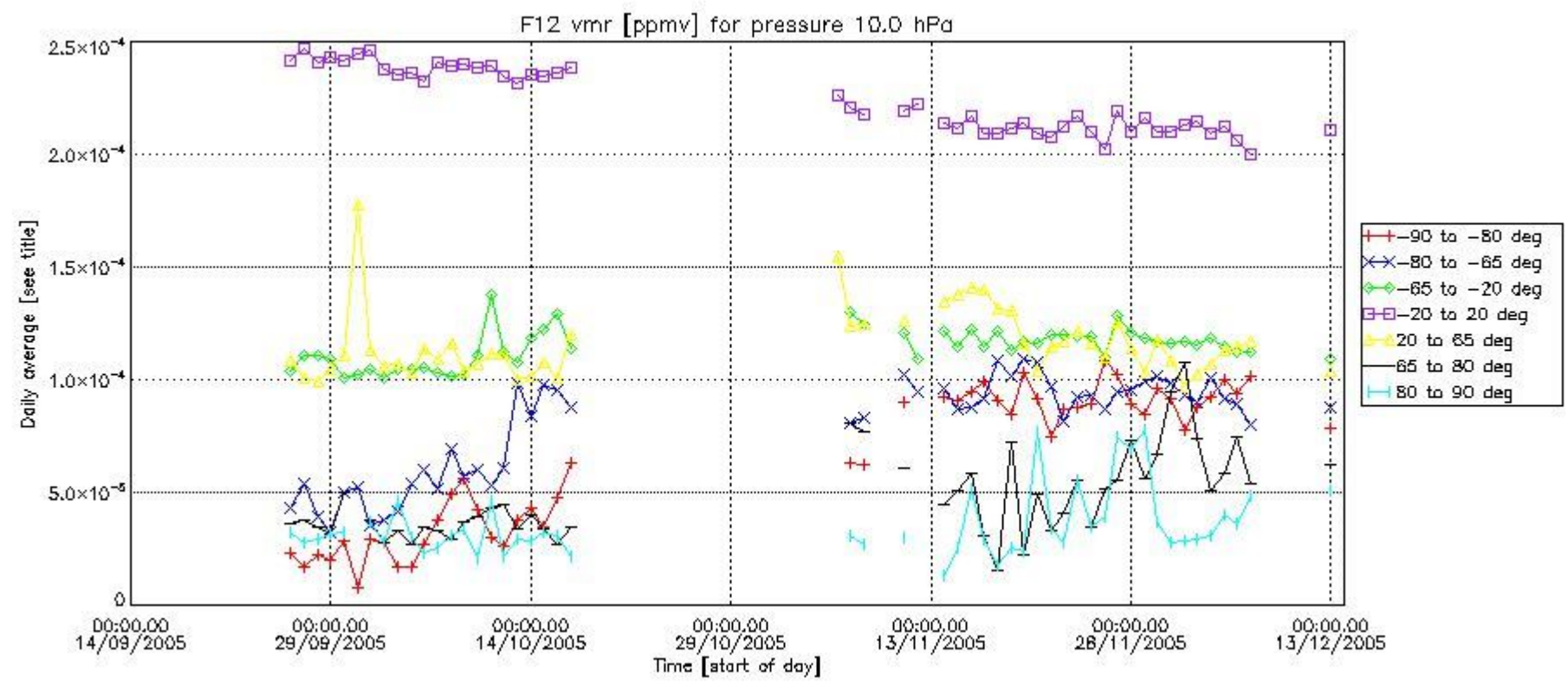
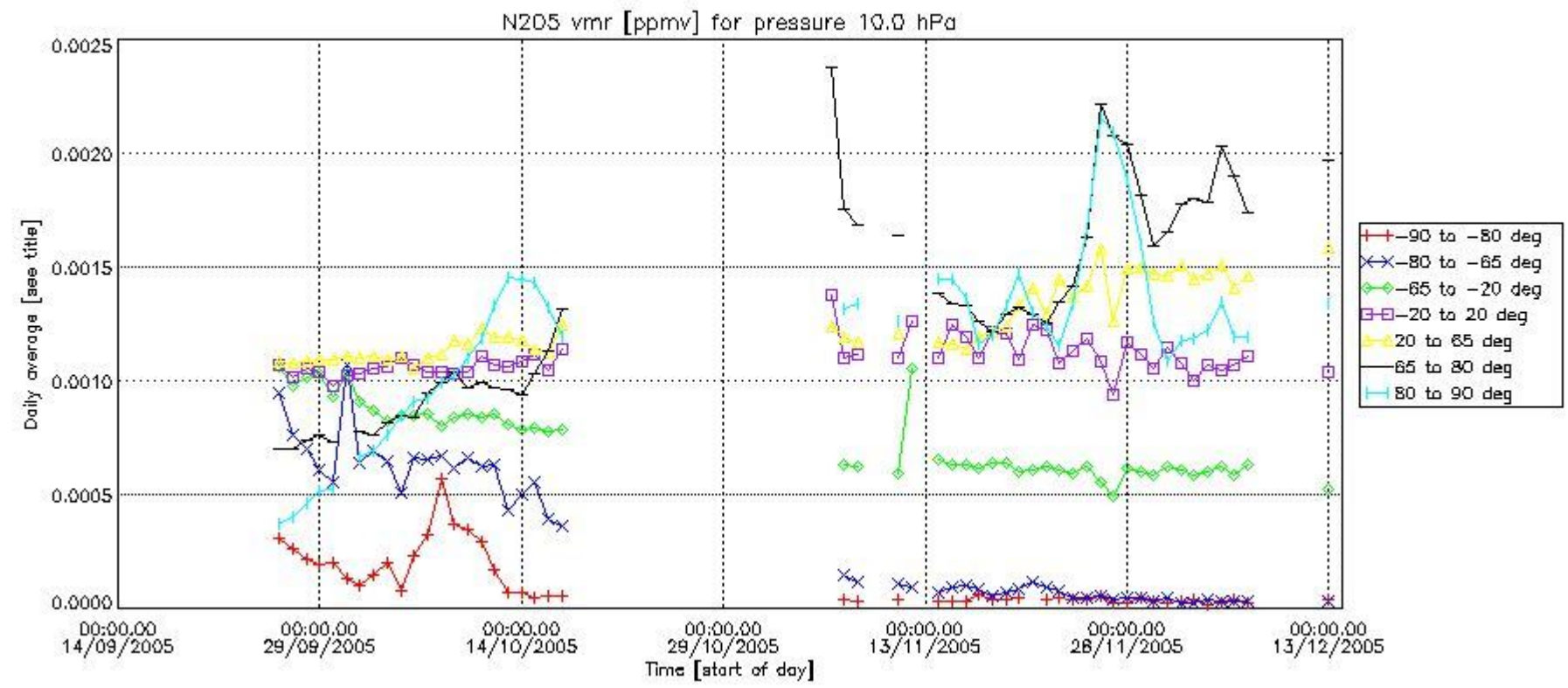


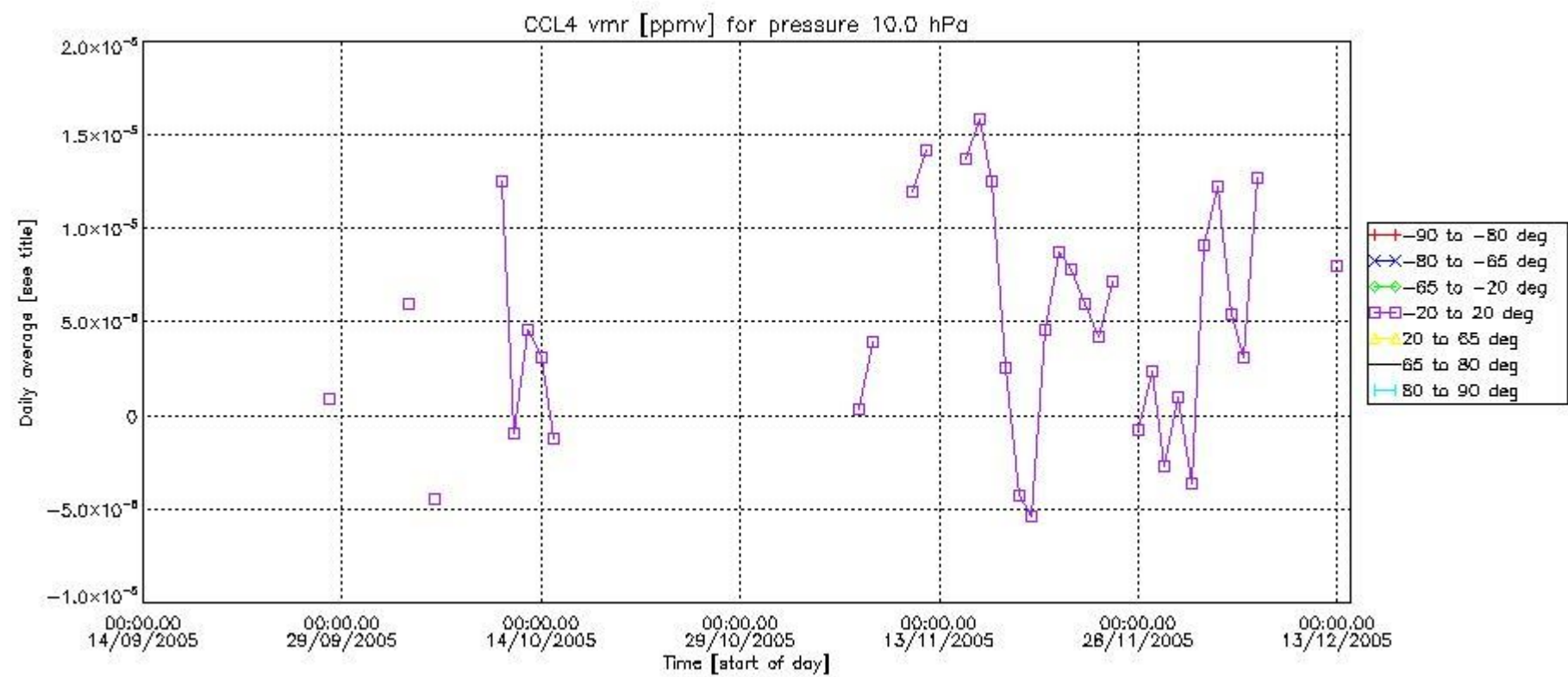
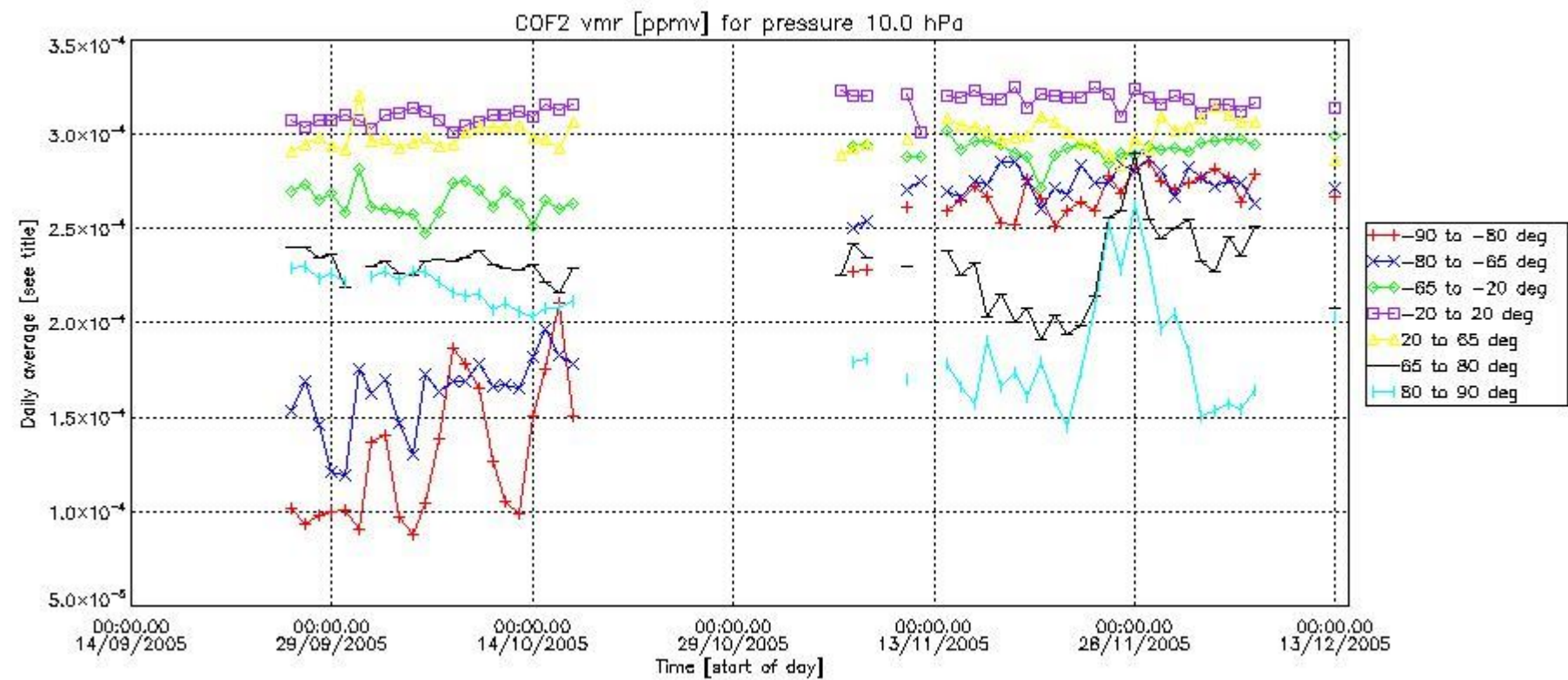


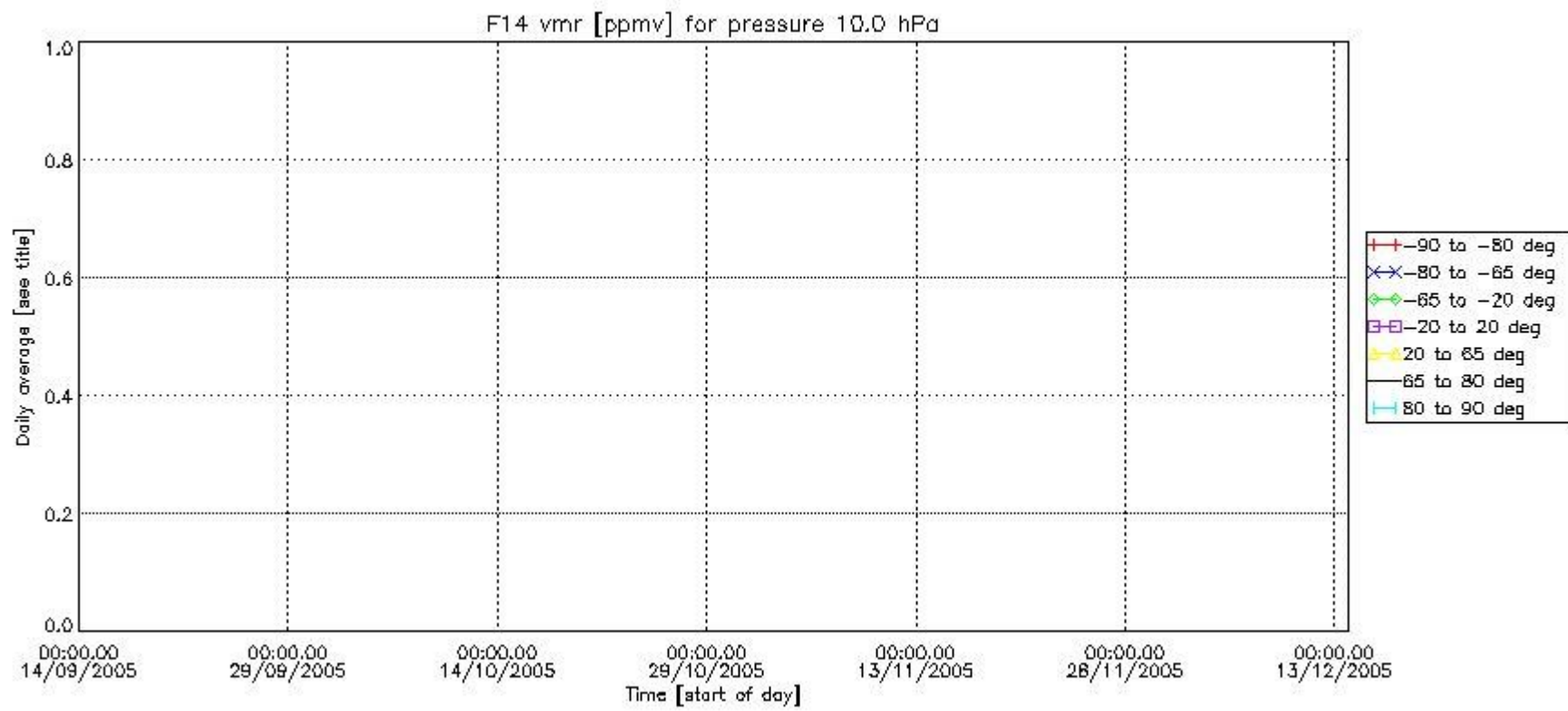
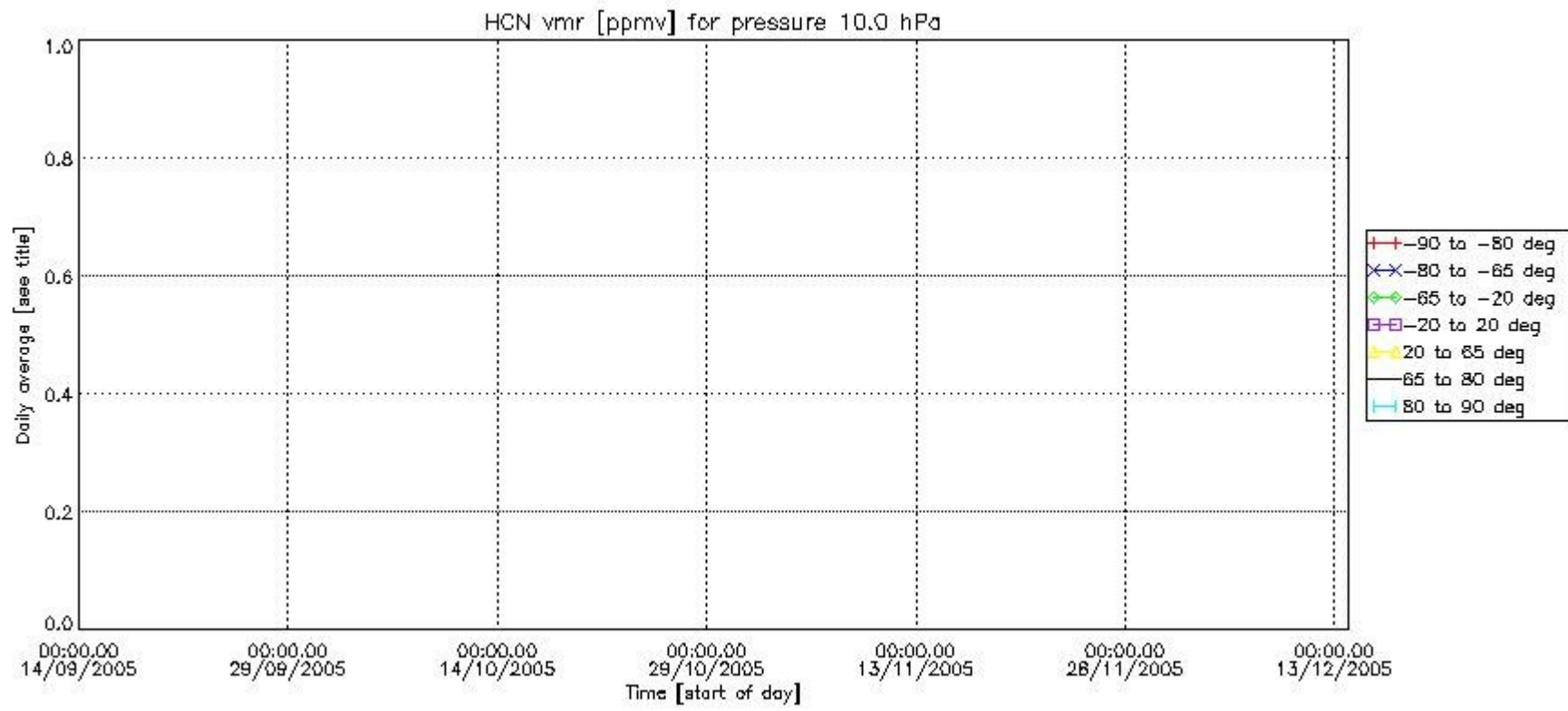


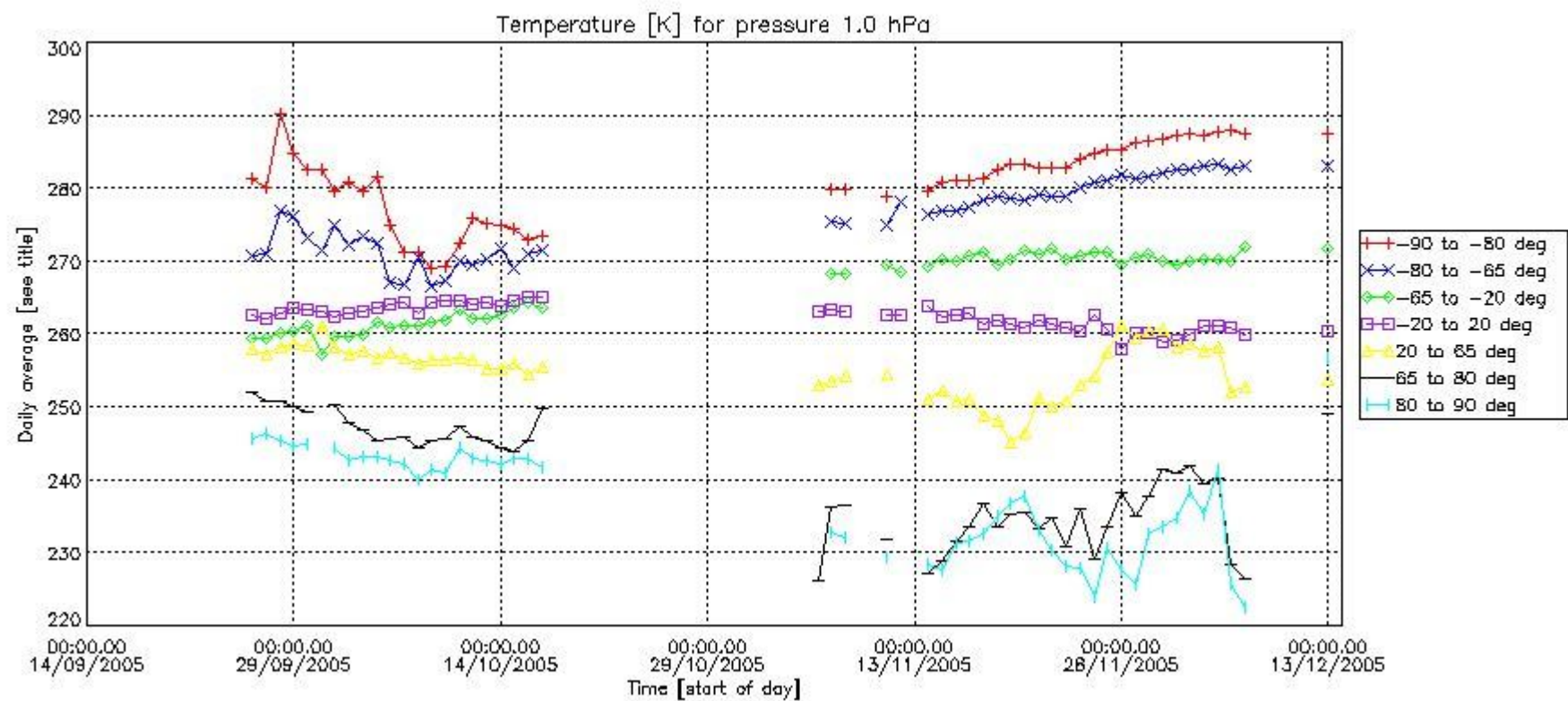
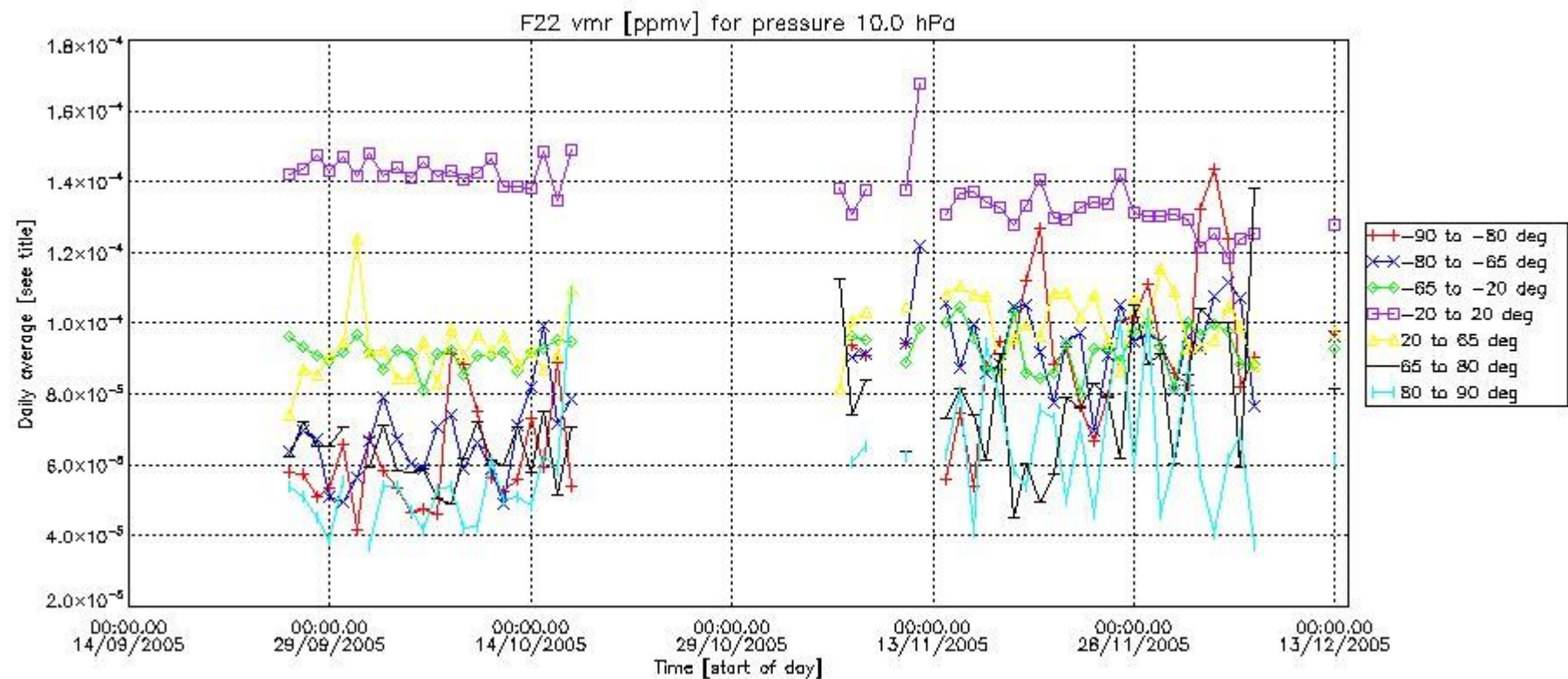


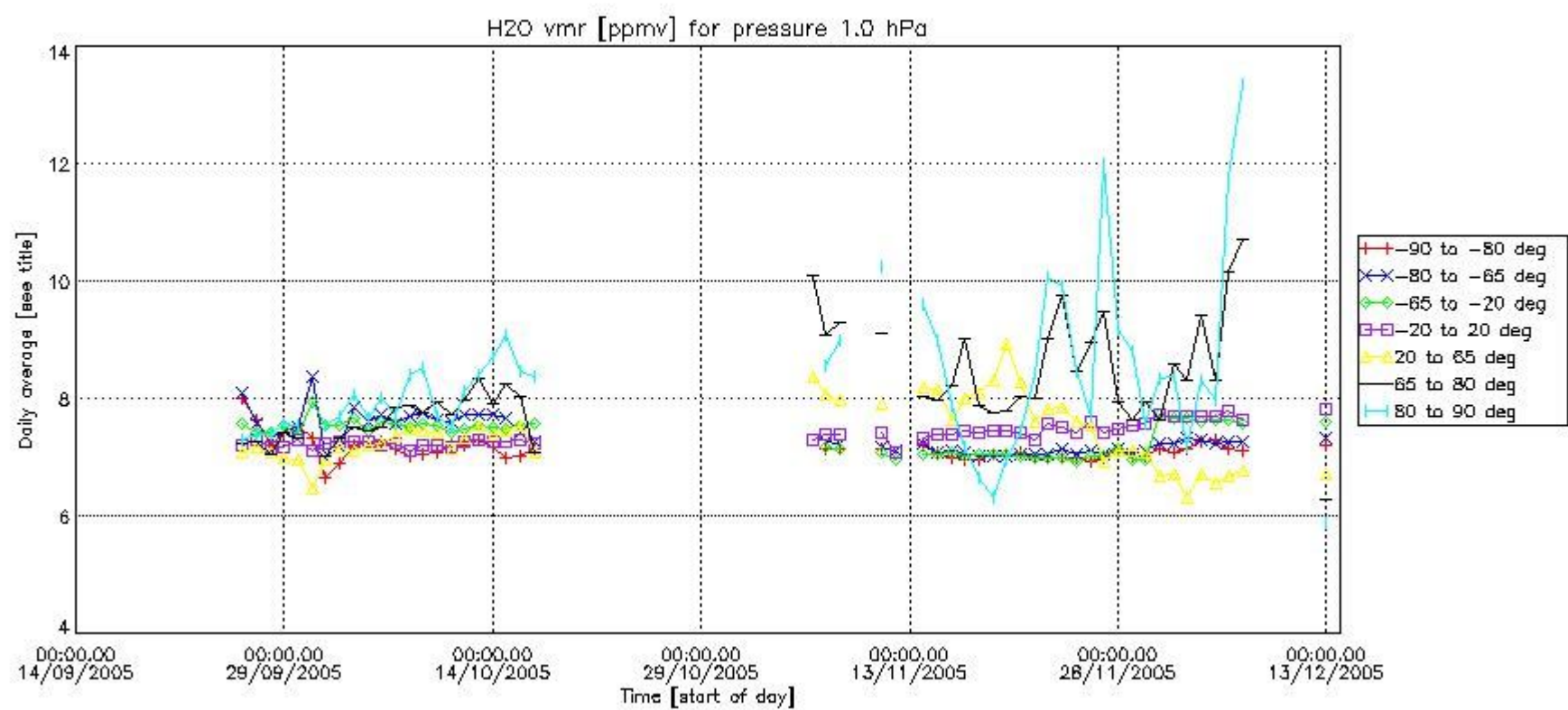
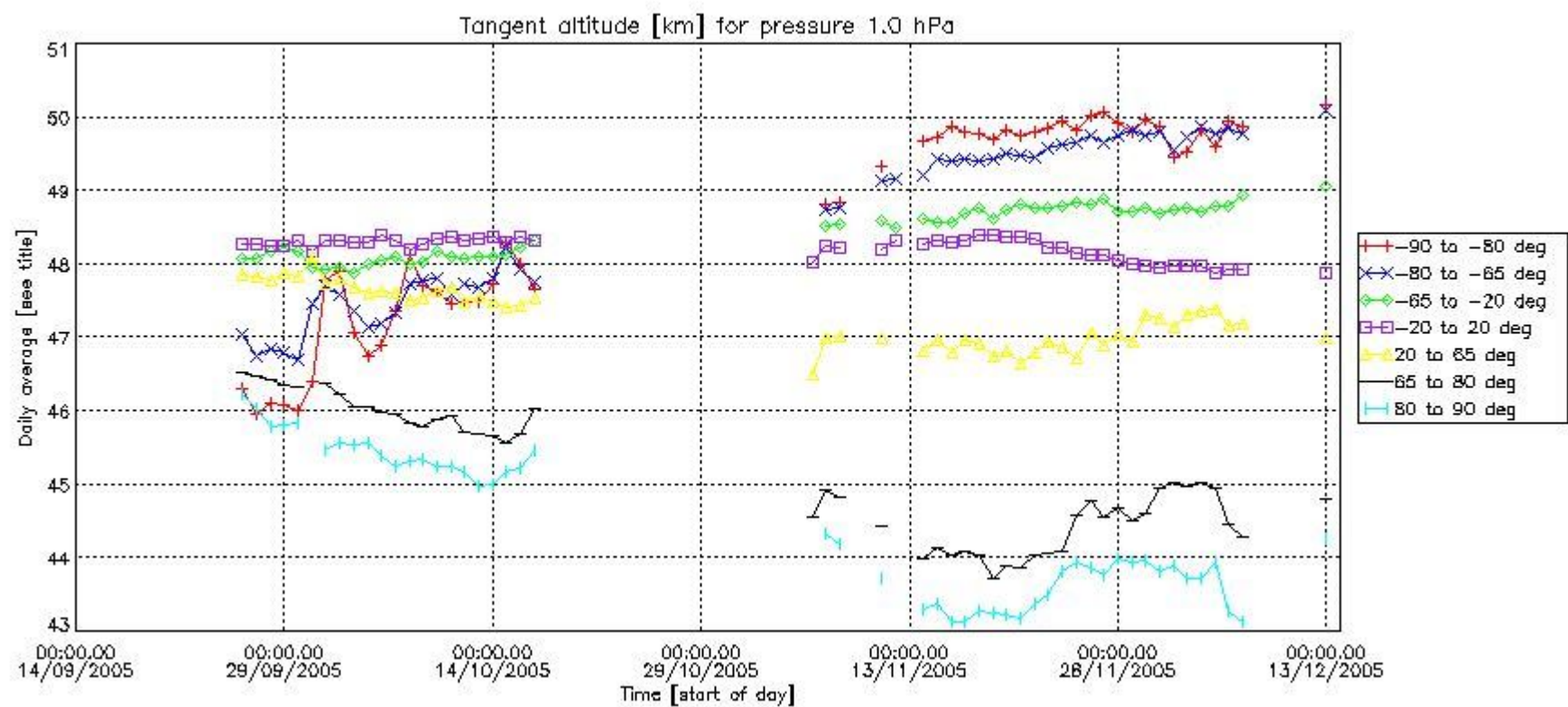


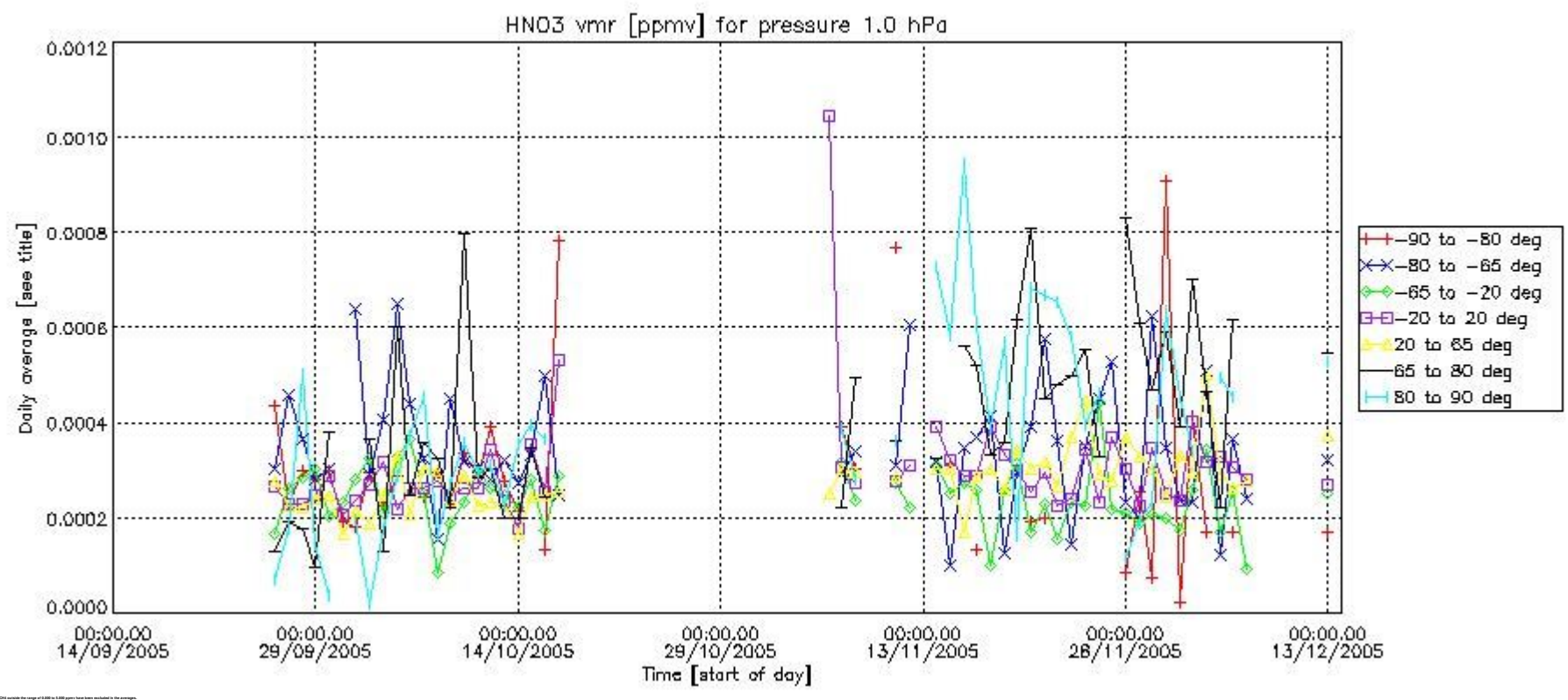
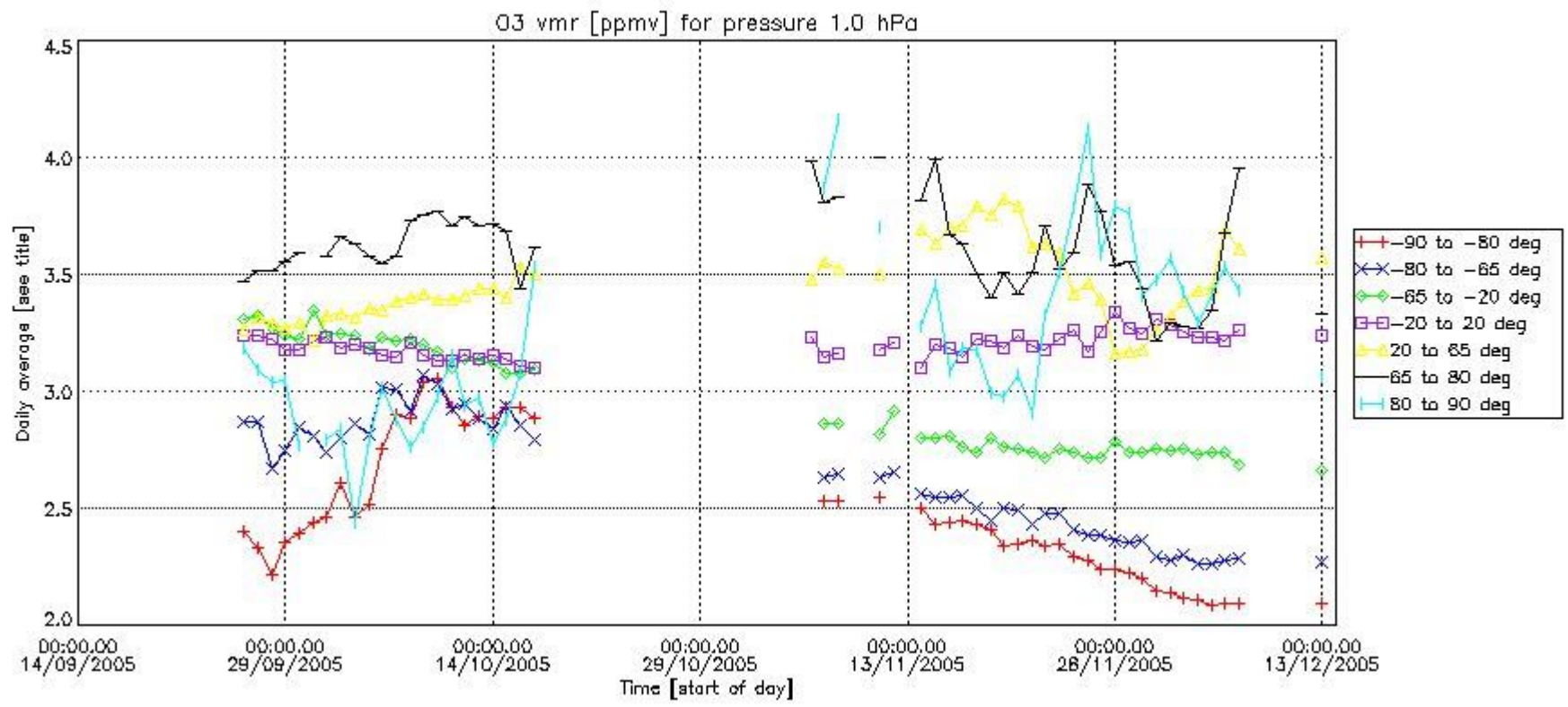


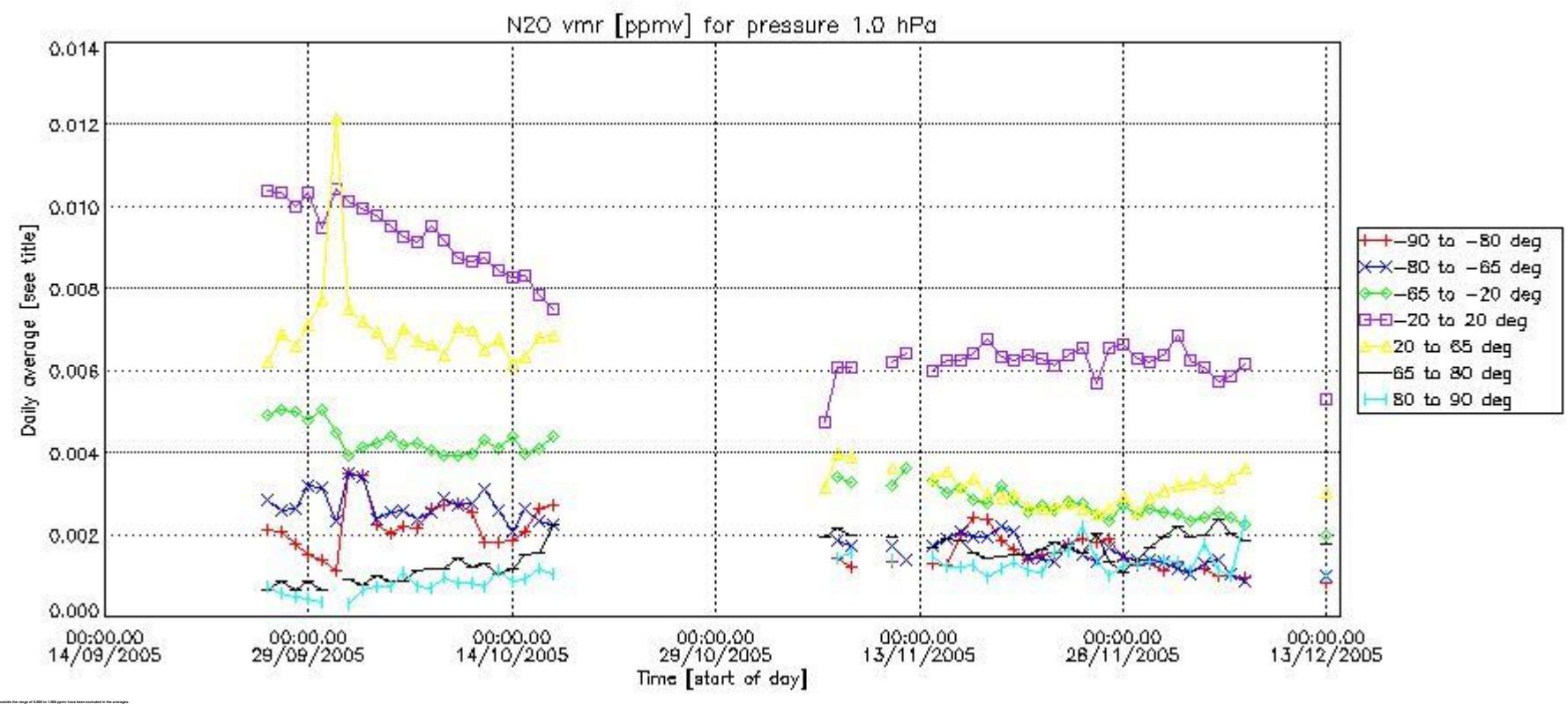
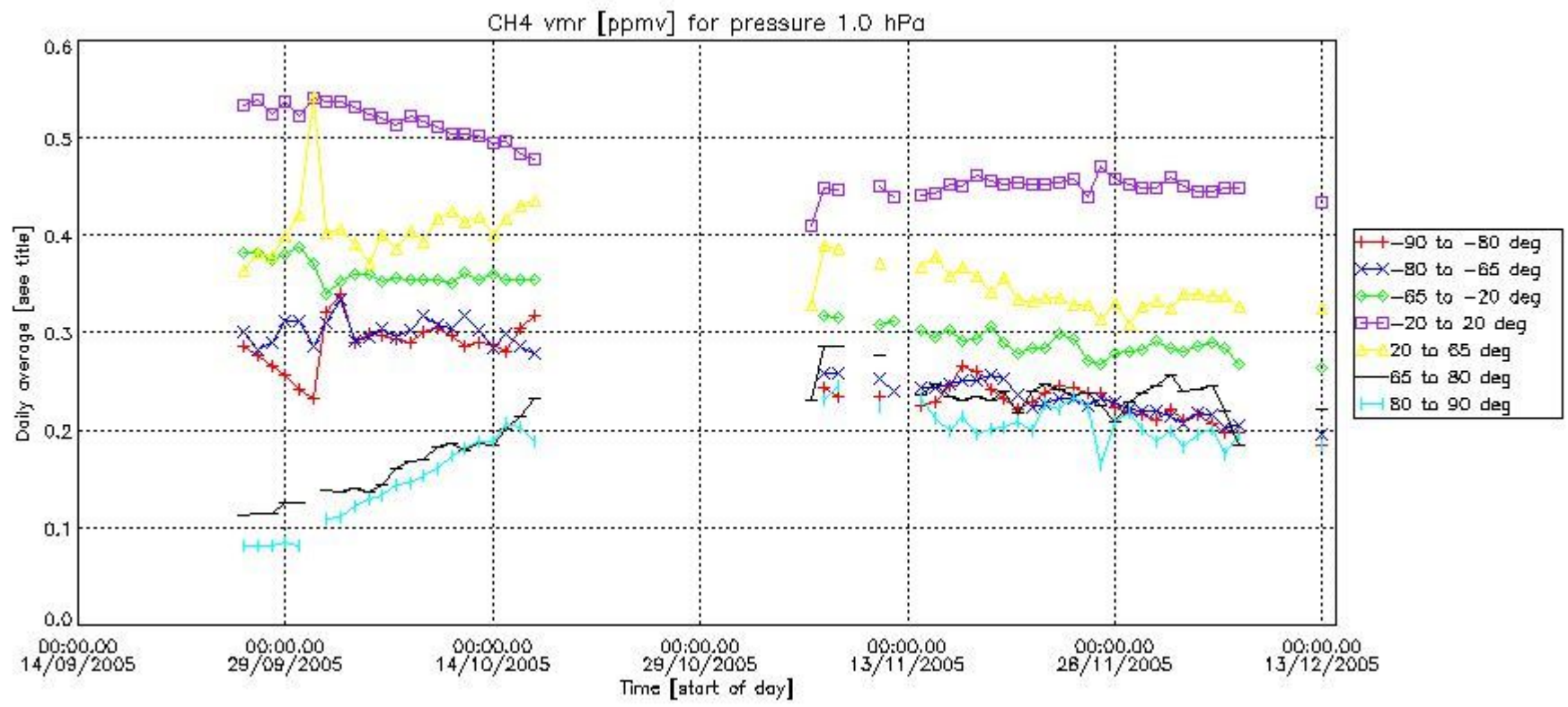


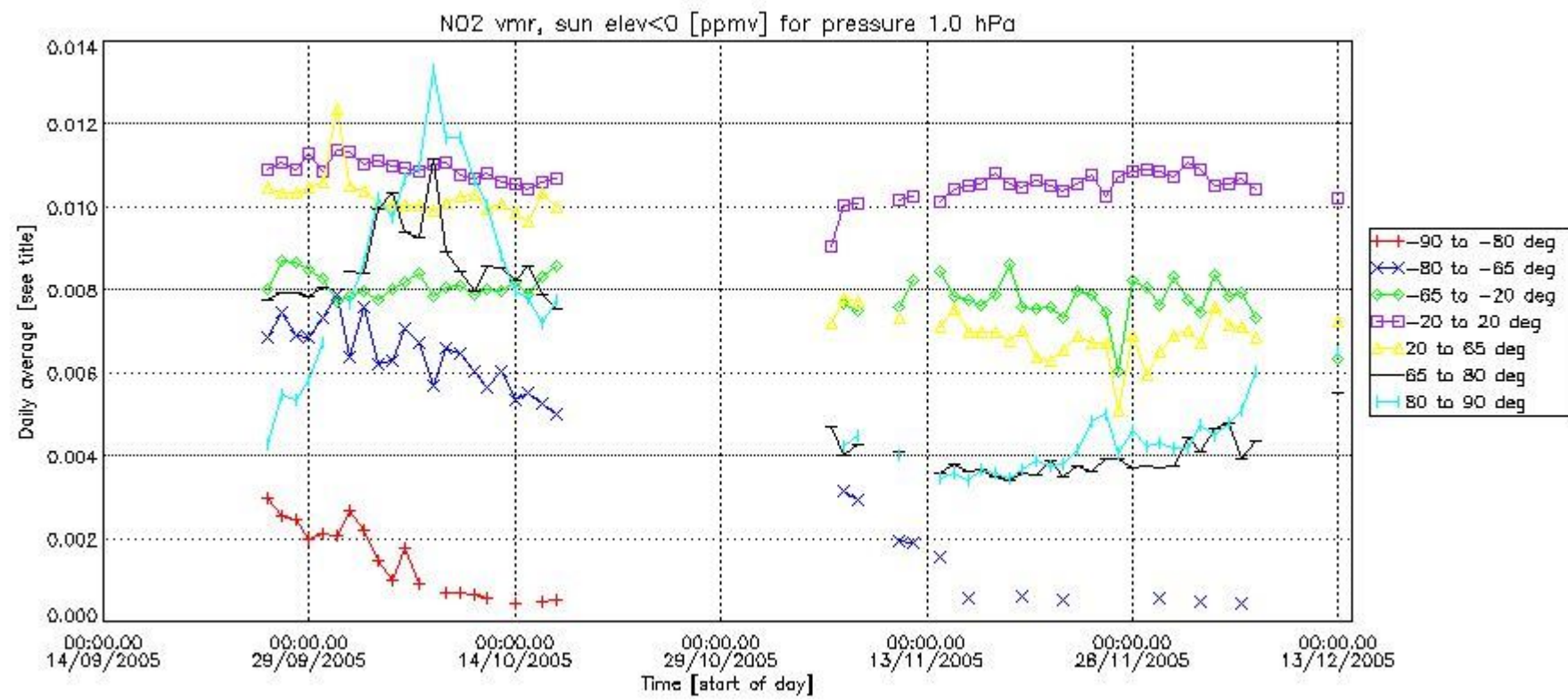
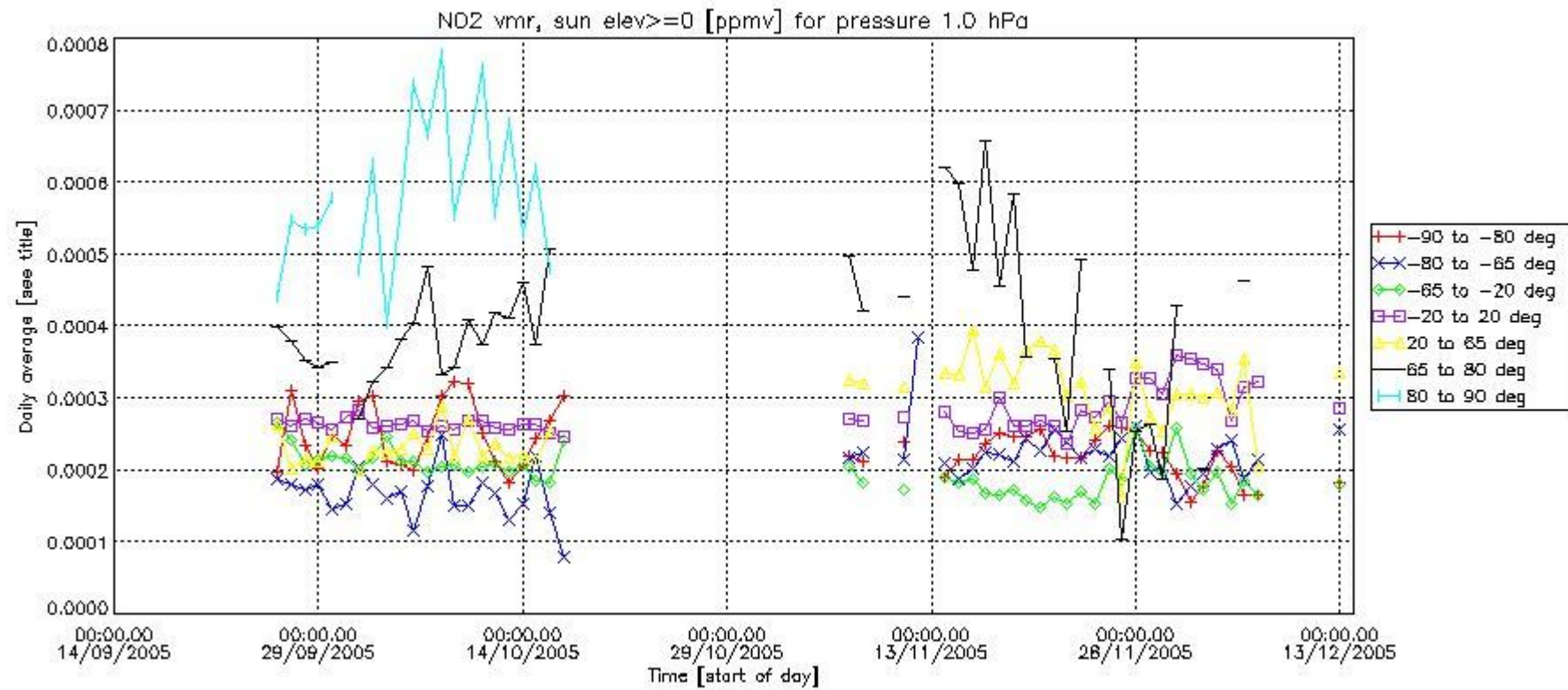


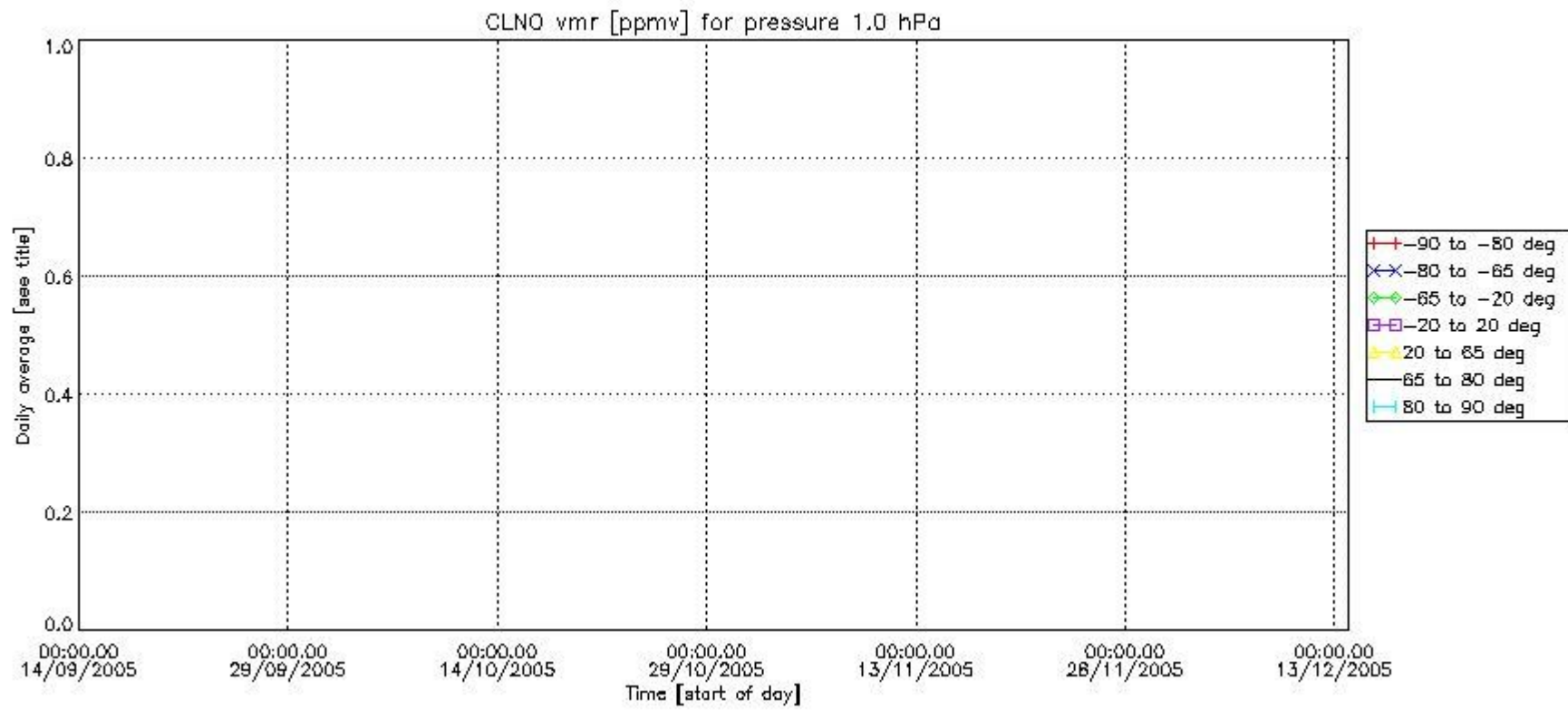
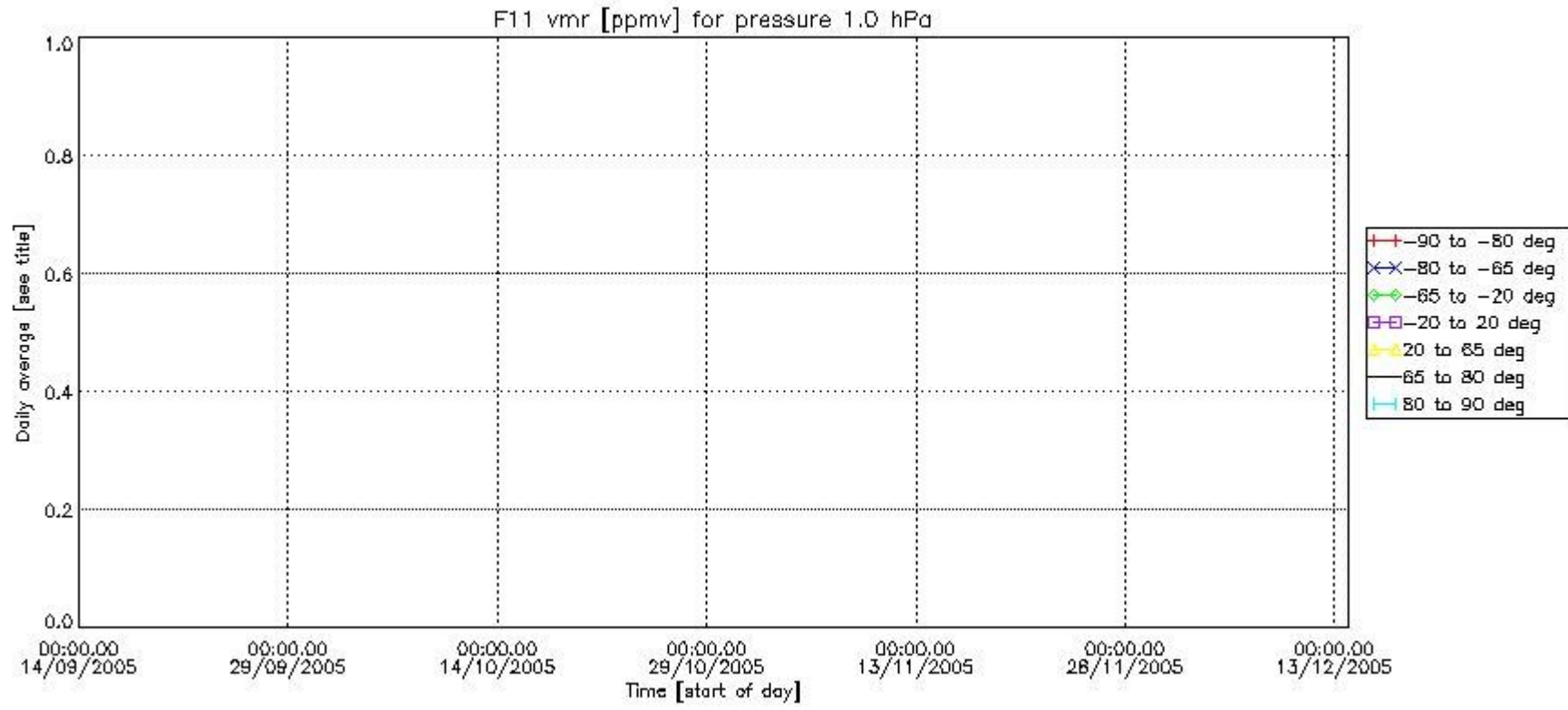


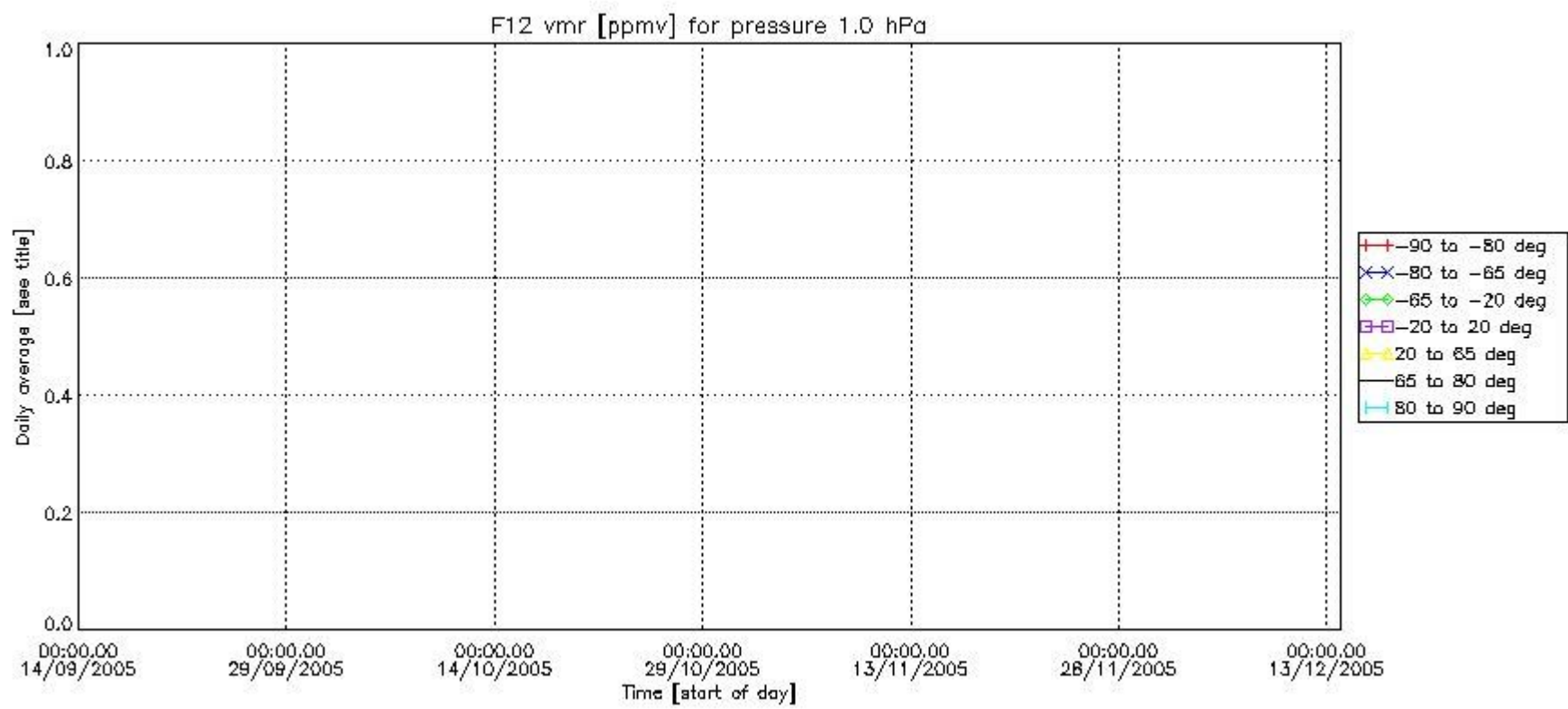
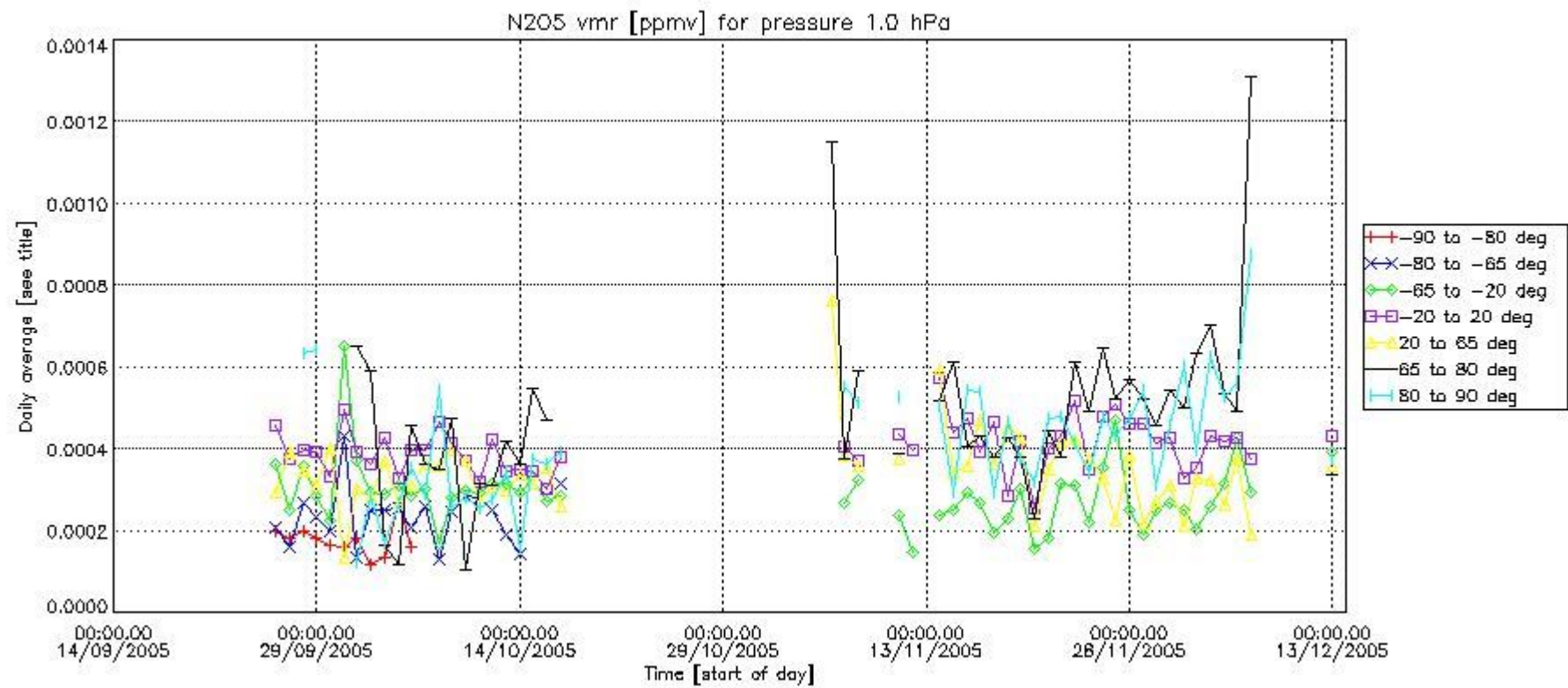


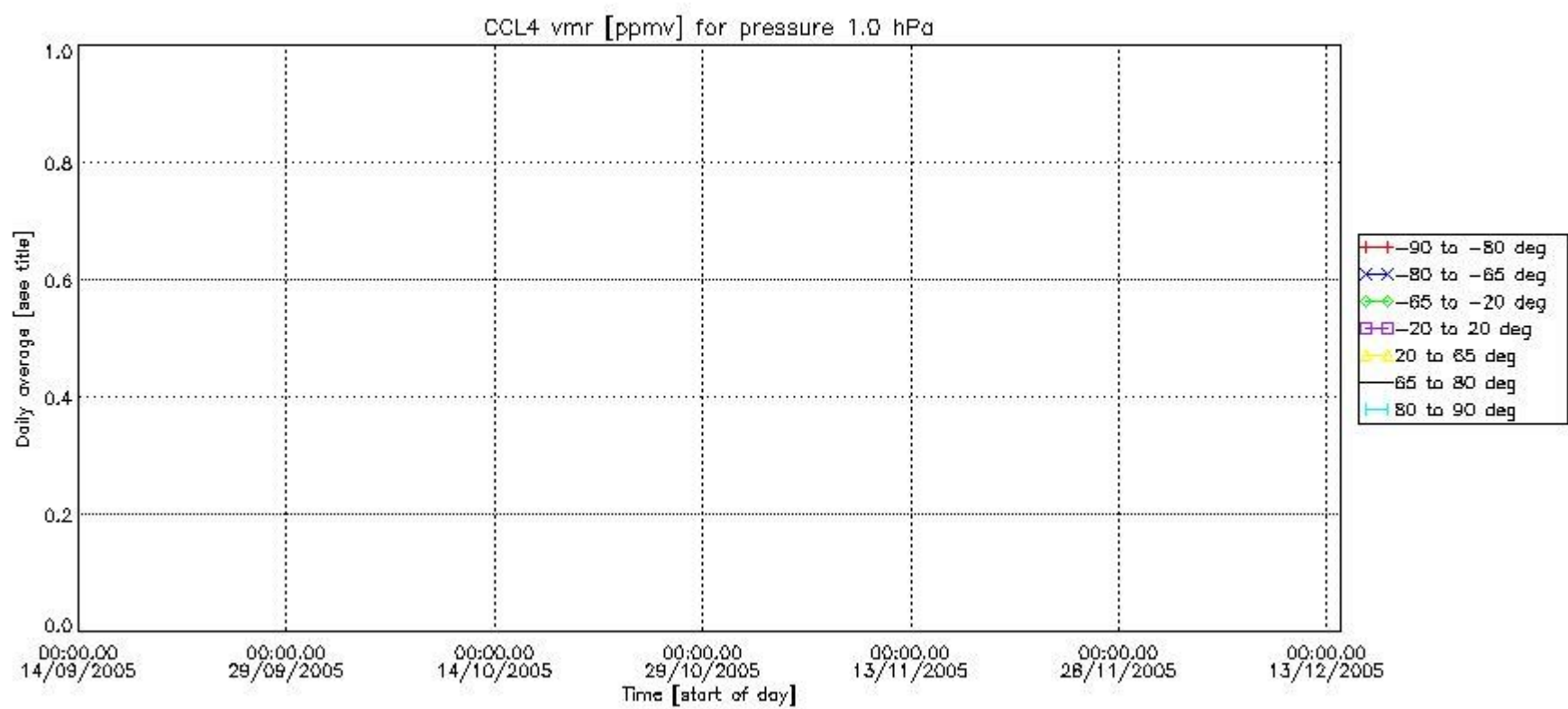
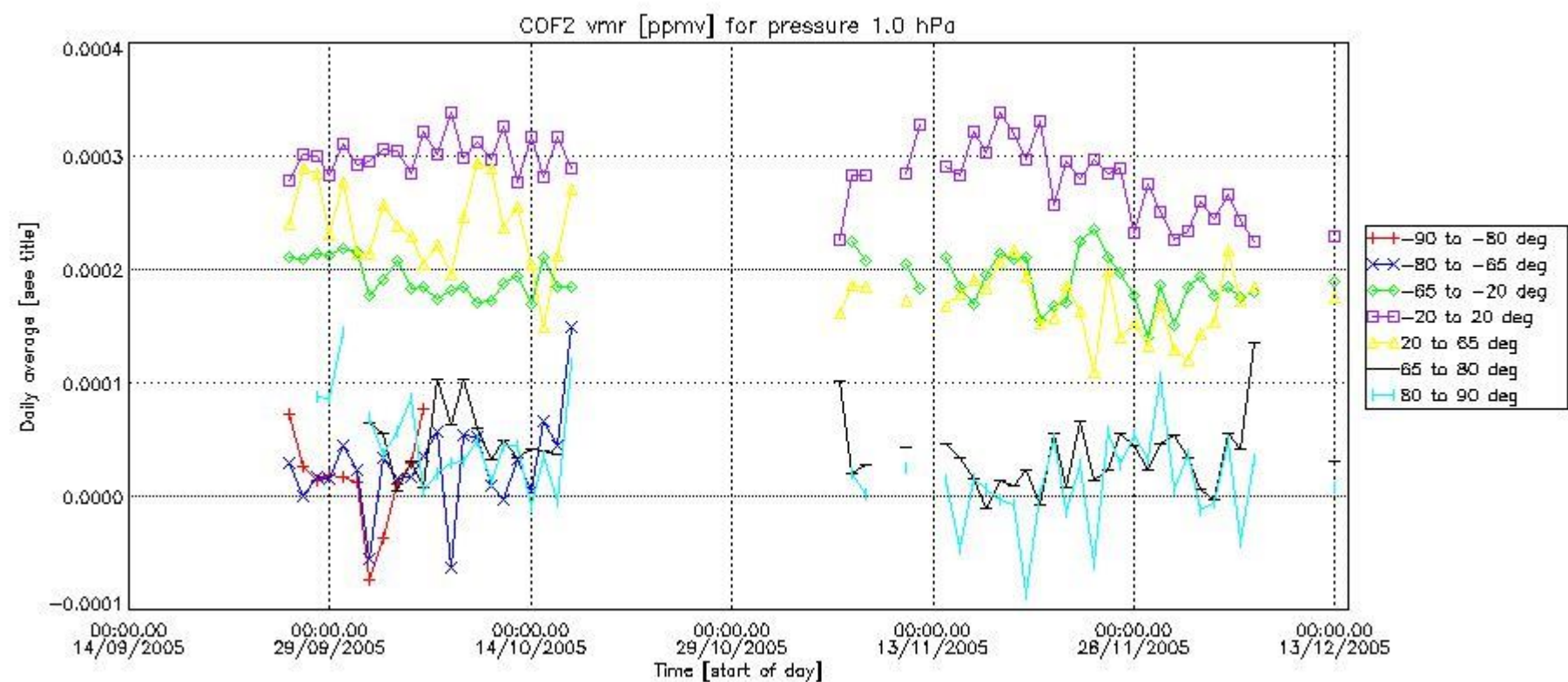


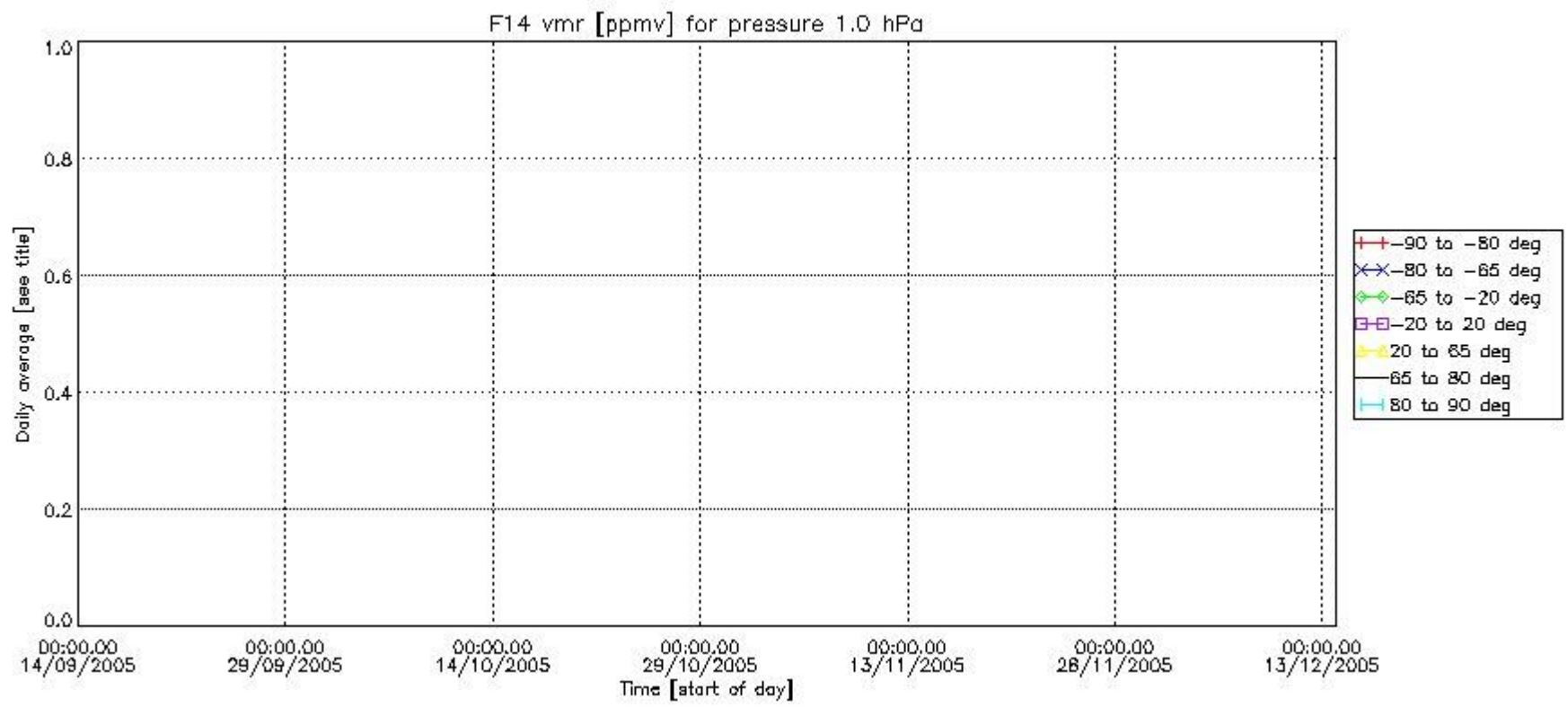
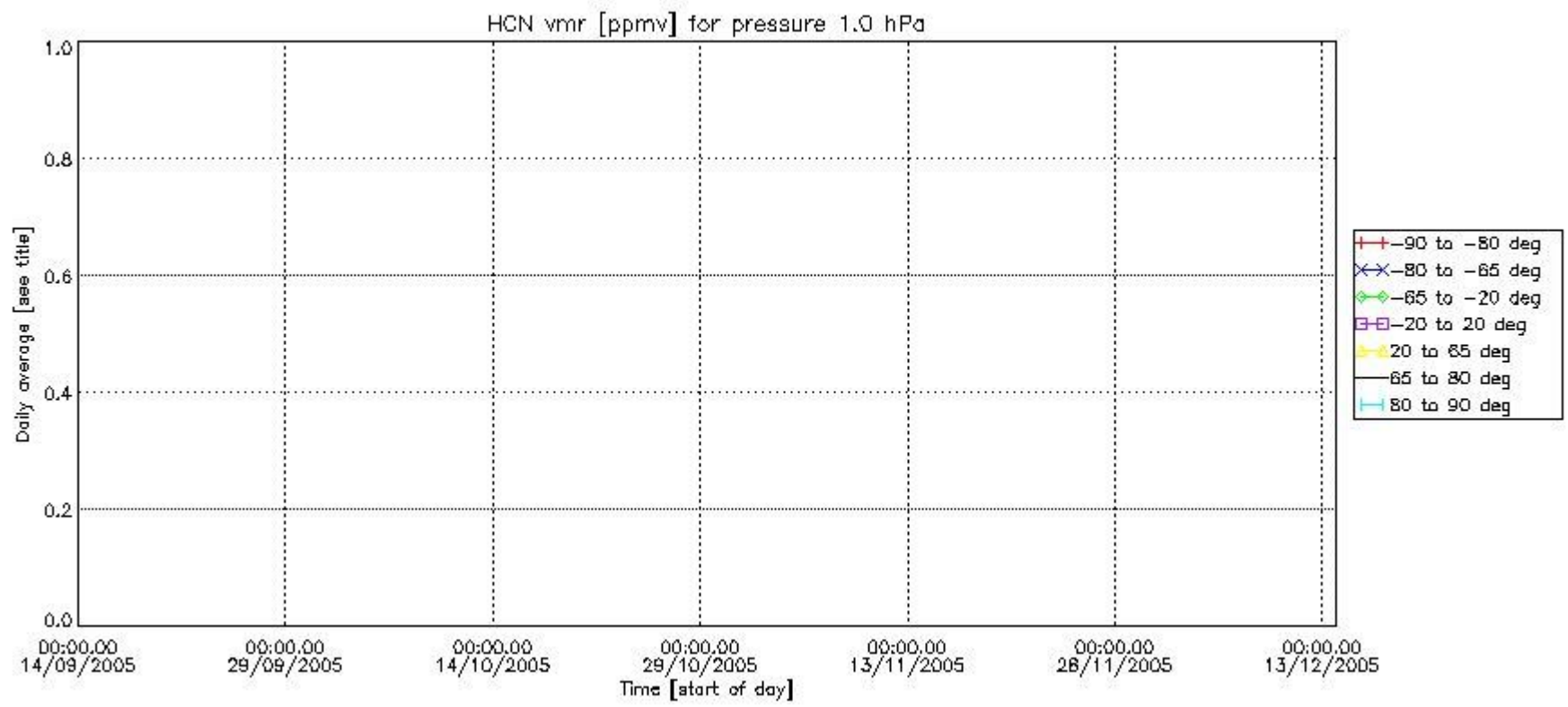


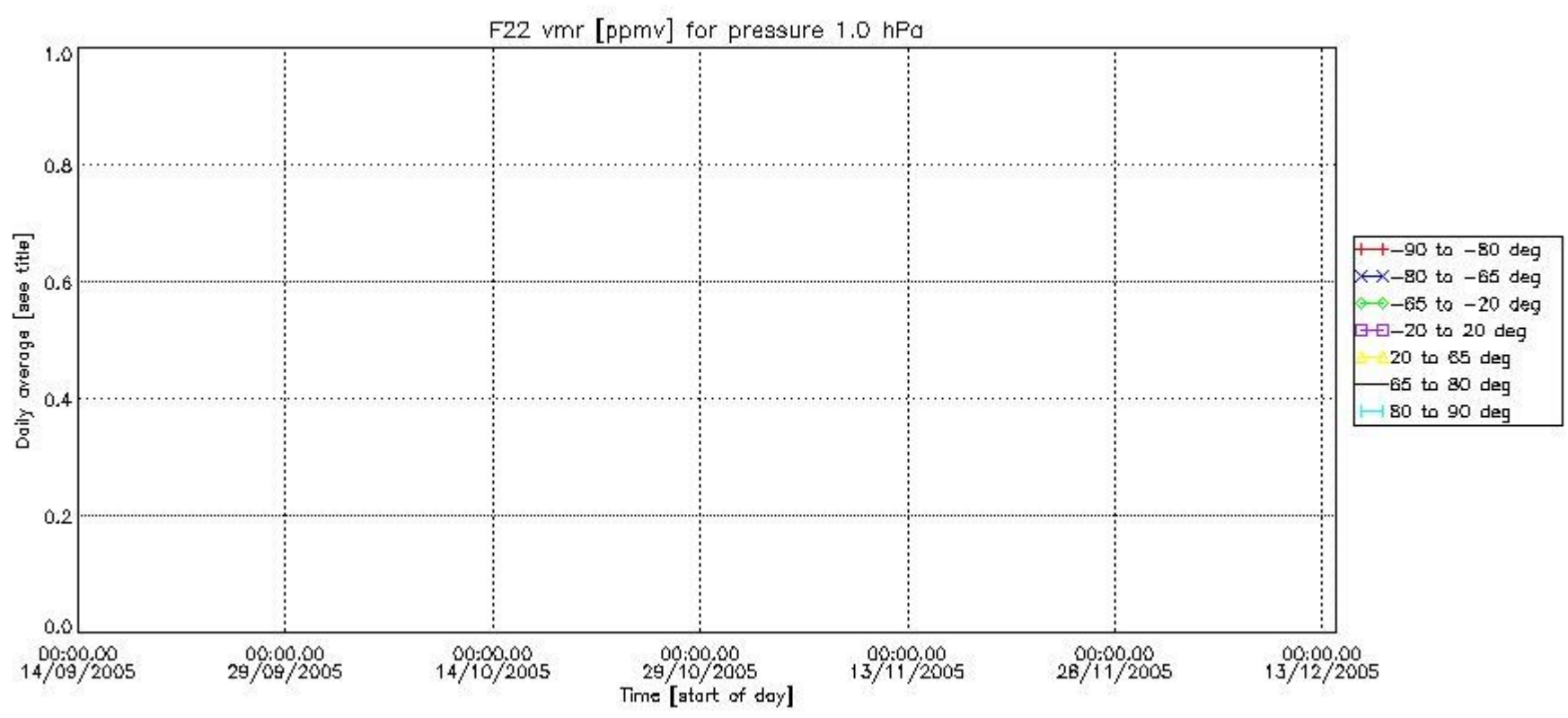












Number of successful retrievals vs. geolocation (*=day side , triangle=night side).

