

2. MIPAS Daily Report for level 2 products summary report

(See [mipas_daily_report_level2_ML2PP_7_03_W_20050128.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 08:30:35
Data source version	ML2PP/7.03-W
Processing scope for products	28JAN2005 00:00:00 to 29JAN2005 00:00:00
Start time of first product within scope	28JAN2005 07:08:45
Stop time of last product within scope	28JAN2005 20:05:01
Total number of level 2 products	9
Number of level 2 products with errors	1

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__2PWDSI20050128_070845_000023552034_00149_15233_1000.N1	28JAN2005 07:08:45	28JAN2005 07:48:01	0	38/38	VMR_TERM_MACRO_MICRO[HCN/micro:1]
1	MIP_NL__2PWDSI20050128_074937_000060172034_00150_15234_1000.N1	28JAN2005 07:49:37	28JAN2005 09:29:54	0	96/96	VMR_TERM_MACRO_MICRO[F14/micro:1]
2	MIP_NL__2PWDSI20050128_093000_000060172034_00151_15235_1000.N1	28JAN2005 09:30:00	28JAN2005 11:10:17	0	96/96	VMR_TERM_MACRO_MICRO[HCN/micro:1]
3	MIP_NL__2PWDSI20050128_111023_000060462034_00152_15236_1000.N1	28JAN2005 11:10:23	28JAN2005 12:51:09	0	96/96	VMR_TERM_MACRO_MICRO[O3/micro:1]
4	MIP_NL__2PWDSI20050128_125115_000060512034_00153_15237_1000.N1	28JAN2005 12:51:15	28JAN2005 14:32:06	0	83/83	
5	MIP_NL__2PWDSI20050128_143212_000060172034_00154_15238_1000.N1	28JAN2005 14:32:12	28JAN2005 16:12:29	0	96/96	VMR_TERM_MACRO_MICRO[HCN/micro:2]
6	MIP_NL__2PWDSI20050128_161235_000060172034_00155_15239_1000.N1	28JAN2005 16:12:35	28JAN2005 17:52:52	0	96/96	VMR_TERM_MACRO_MICRO[HCN/macro:1; F14/macro:2; F14/micro:1]
7	MIP_NL__2PWDSI20050128_175258_000060462034_00156_15240_1000.N1	28JAN2005 17:52:58	28JAN2005 19:33:45	0	96/96	
8	MIP_NL__2PWDSI20050128_193351_000018712034_00157_15241_1000.N1	28JAN2005 19:33:51	28JAN2005 20:05:01	1	30/30	

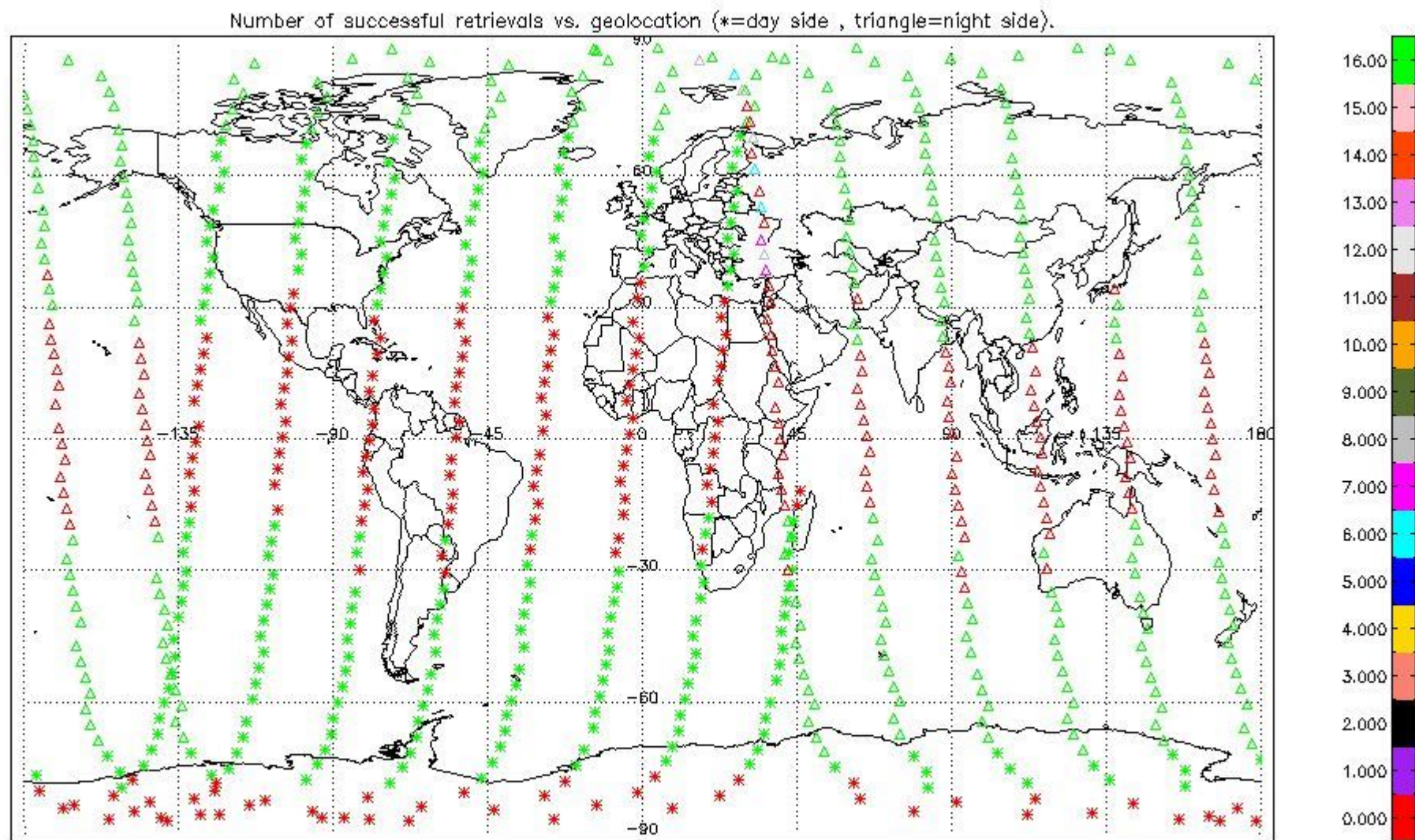
2.2 Processing performance indicators

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.

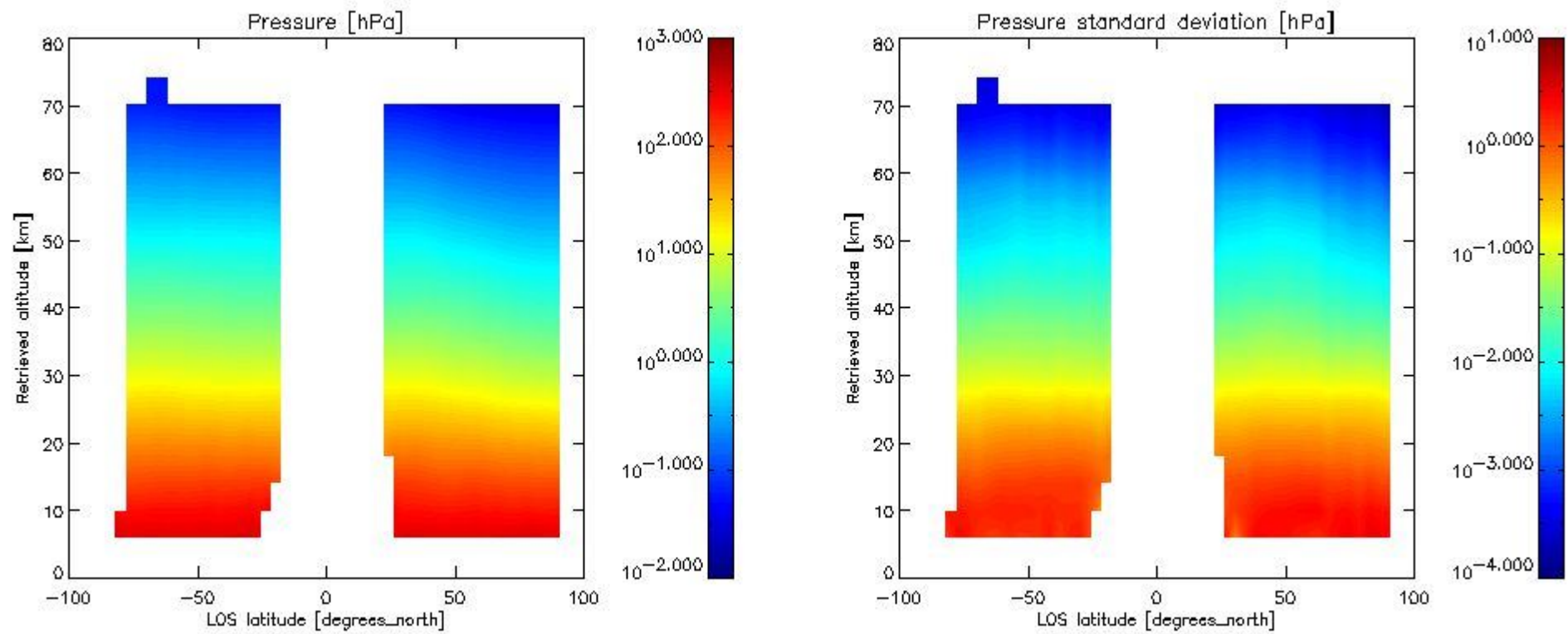
RETRIEVAL MDS	# scans processed	# Successful retrievals	%
PT	727	471	64.787

H2O	727	471	64.787
O3	727	471	64.787
HNO3	727	462	63.549
CH4	727	471	64.787
N2O	727	466	64.099
NO2	727	471	64.787
F11	727	462	63.549
CLNO	727	462	63.549
N2O5	727	462	63.549
F12	727	462	63.549
COF2	727	462	63.549
CCL4	727	462	63.549
HCN	727	471	64.787
F14	727	468	64.374
F22	727	462	63.549



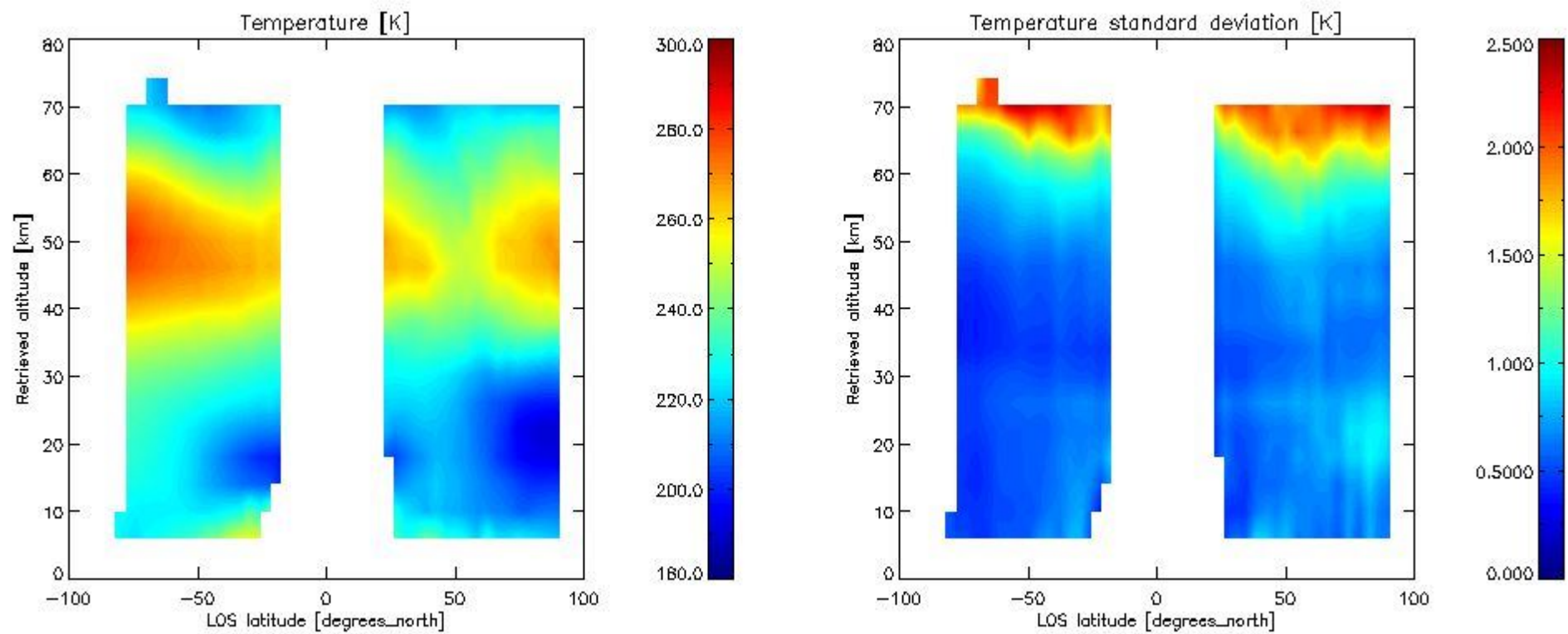
2.2.2 Pressure overview

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



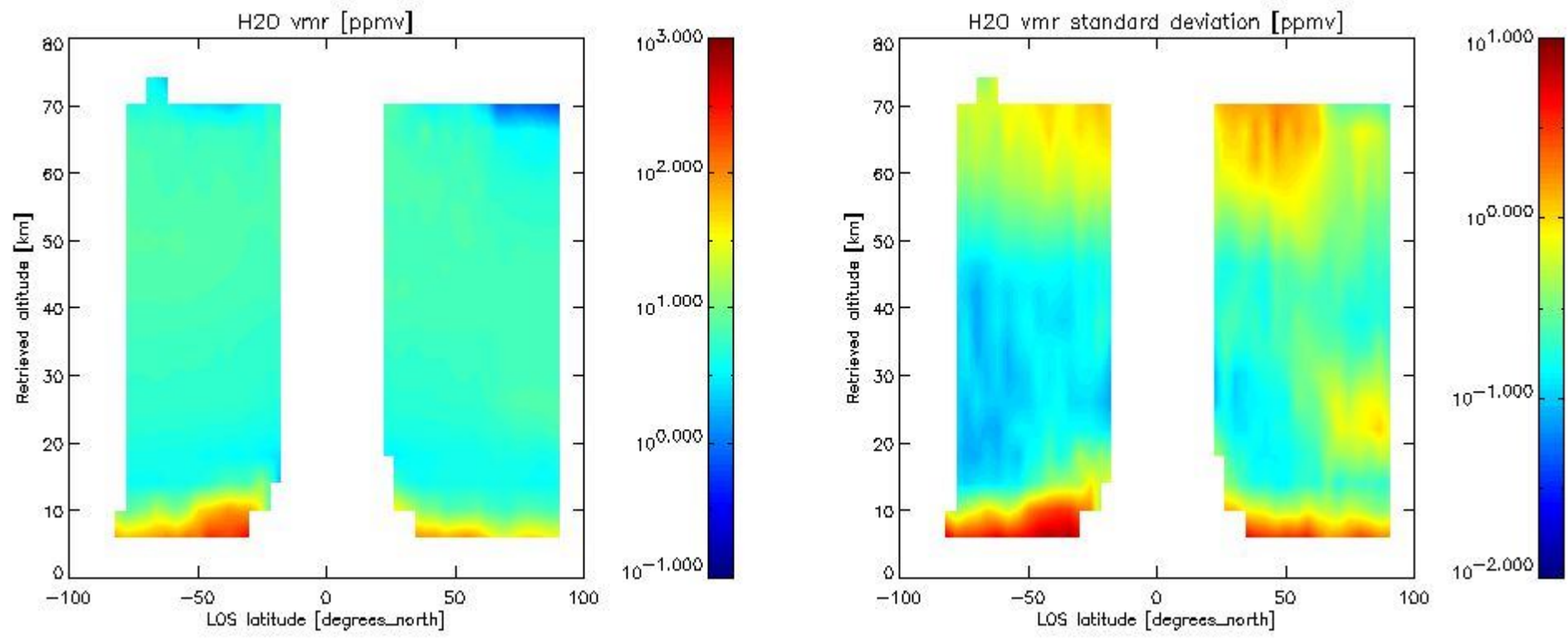
2.2.3 Temperature overview

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

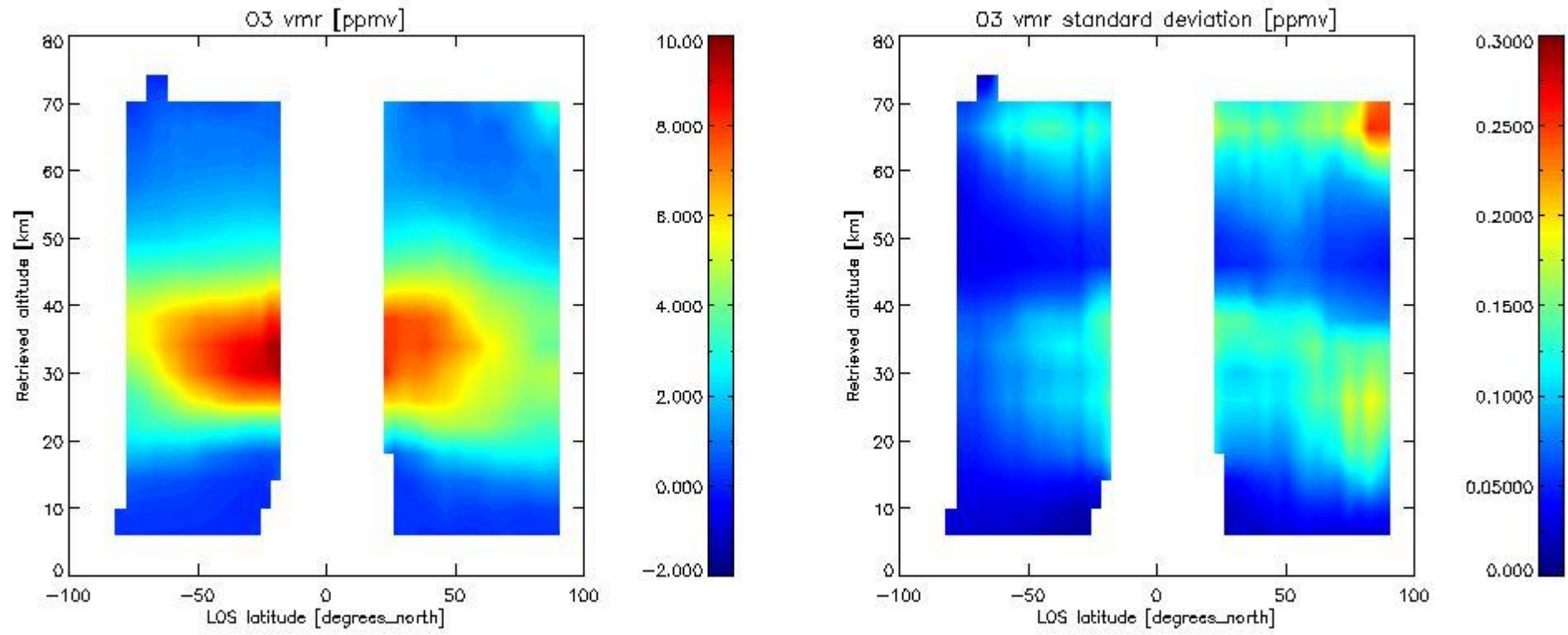


2.2.4 Species overview

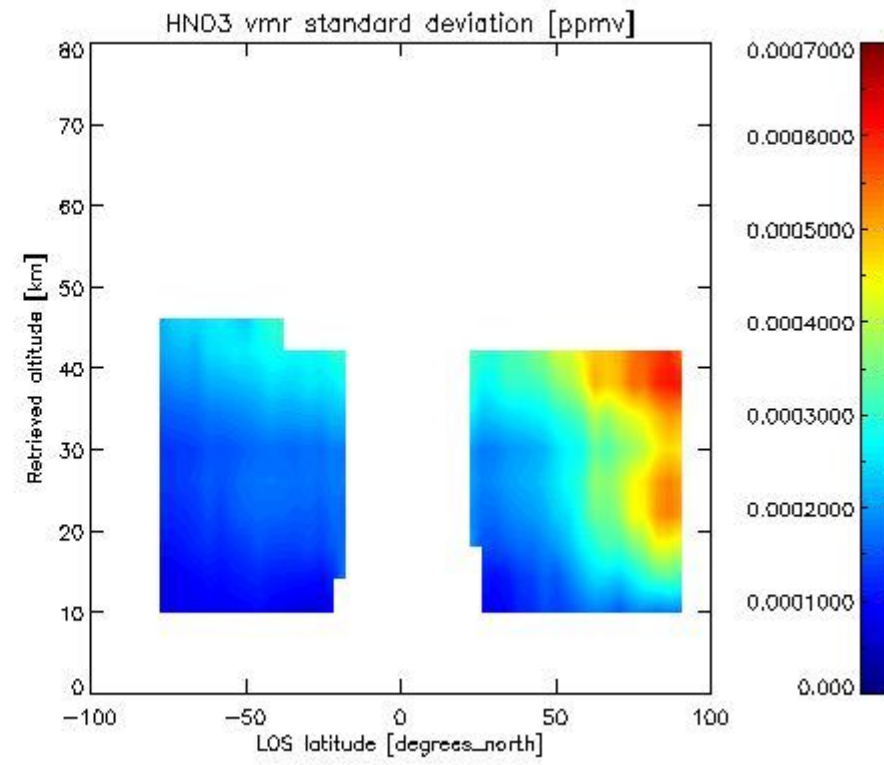
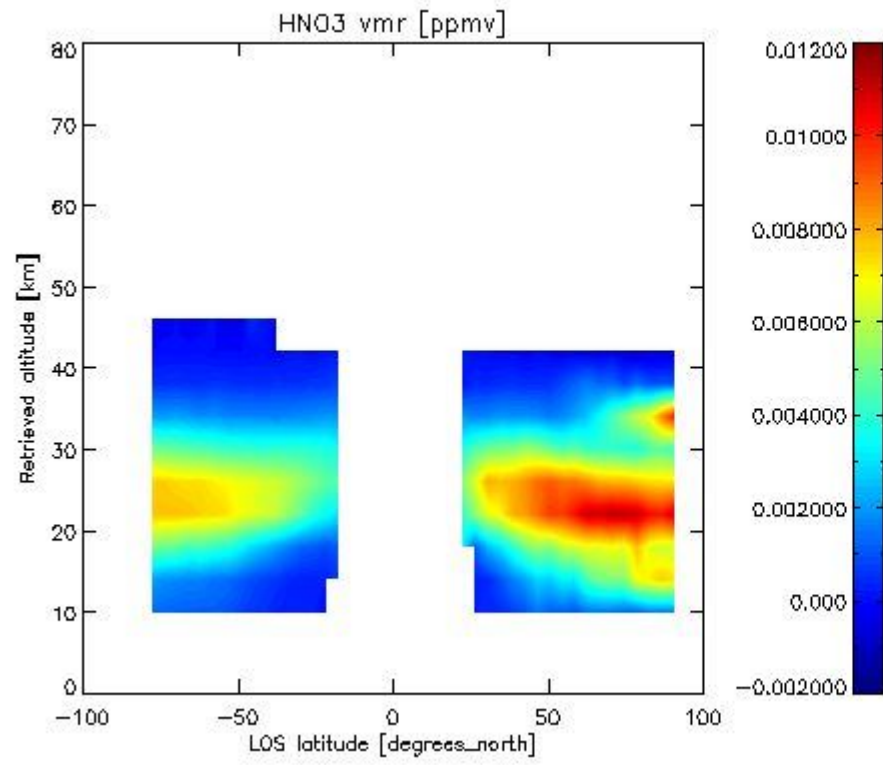
2.2.4.1 H2O overview This section shows values (left) and error (right) for H2O after binning individual sweep values over retrieved altitude and tangent latitude.



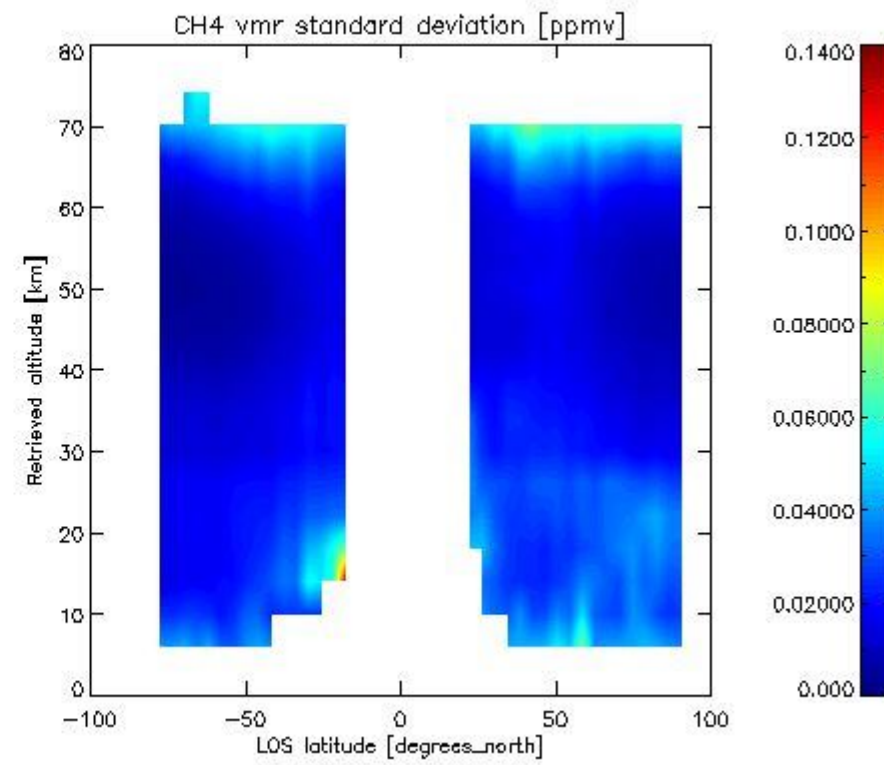
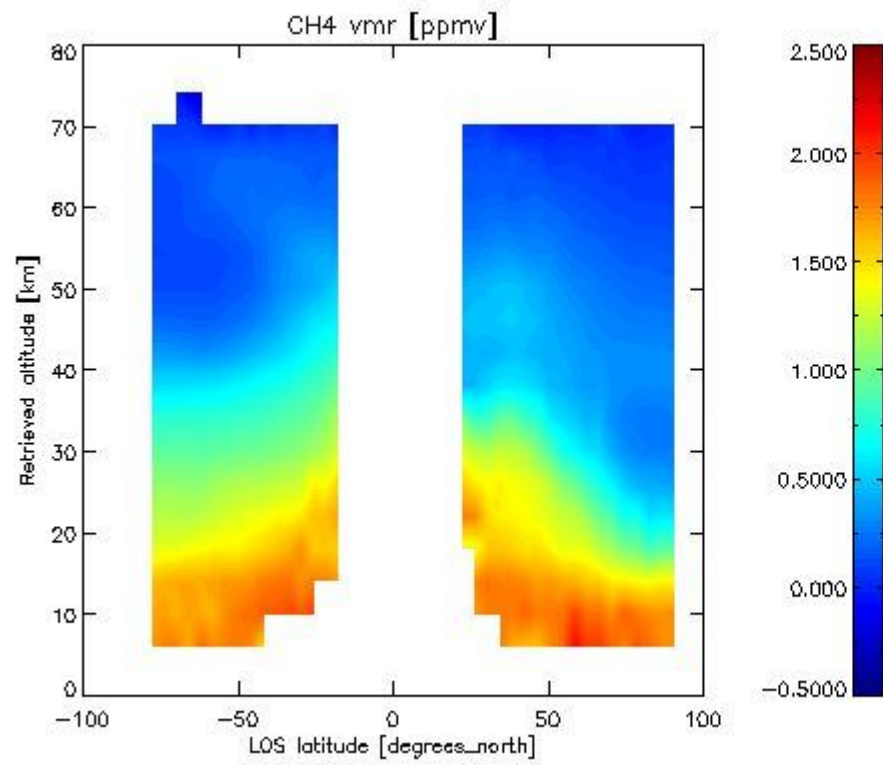
2.2.4.2 O3 overview This section shows values (left) and error (right) for O3 after binning individual sweep values over retrieved altitude and tangent latitude.



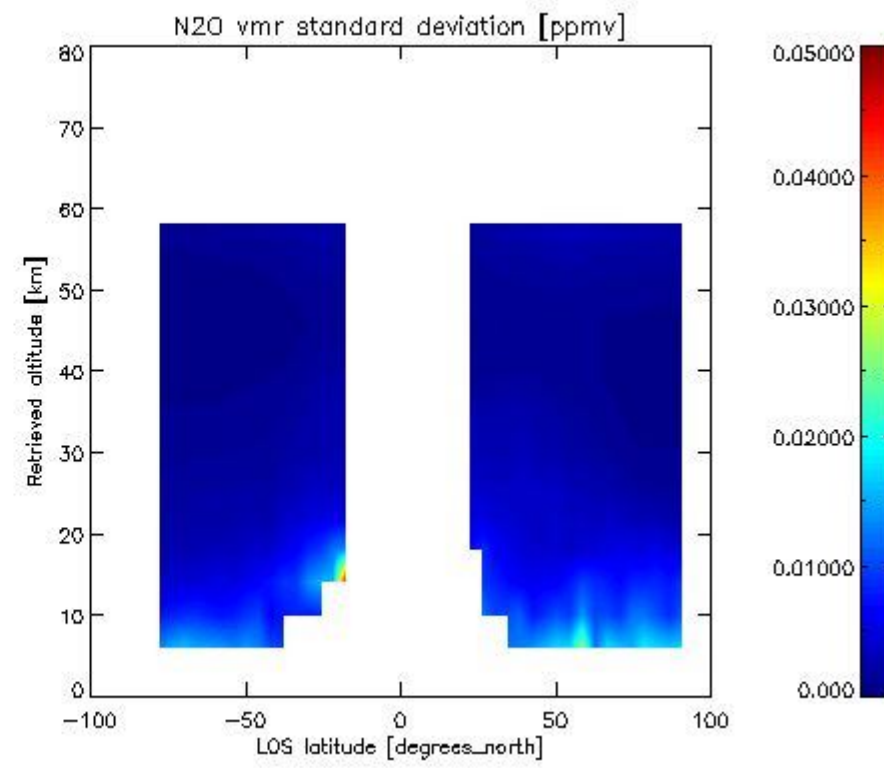
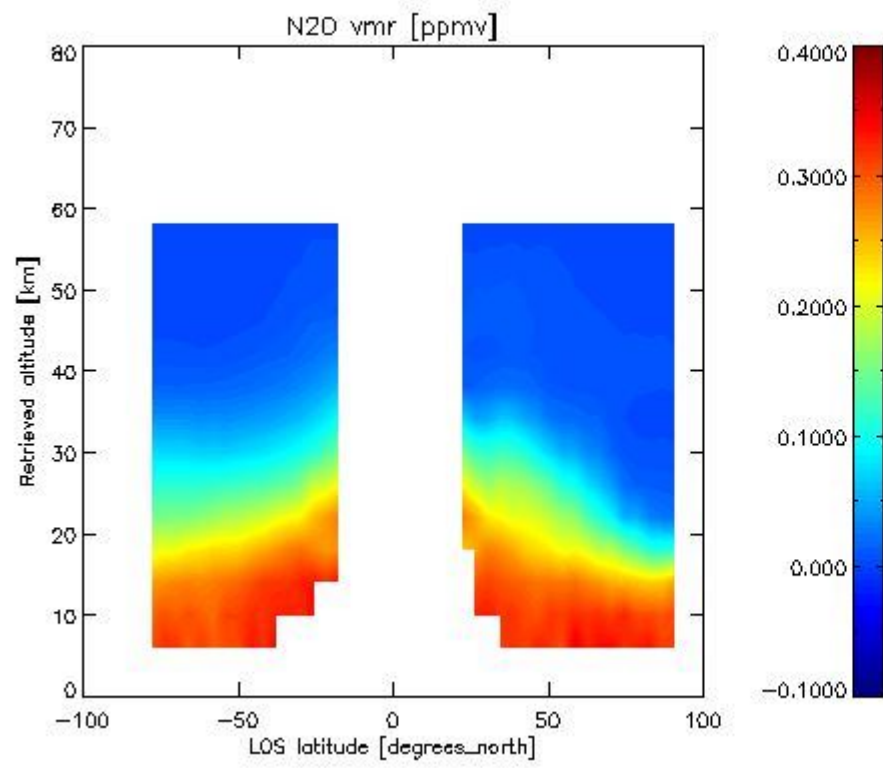
2.2.4.3 HNO3 overview This section shows values (left) and error (right) for HNO3 after binning individual sweep values over retrieved altitude and tangent latitude.



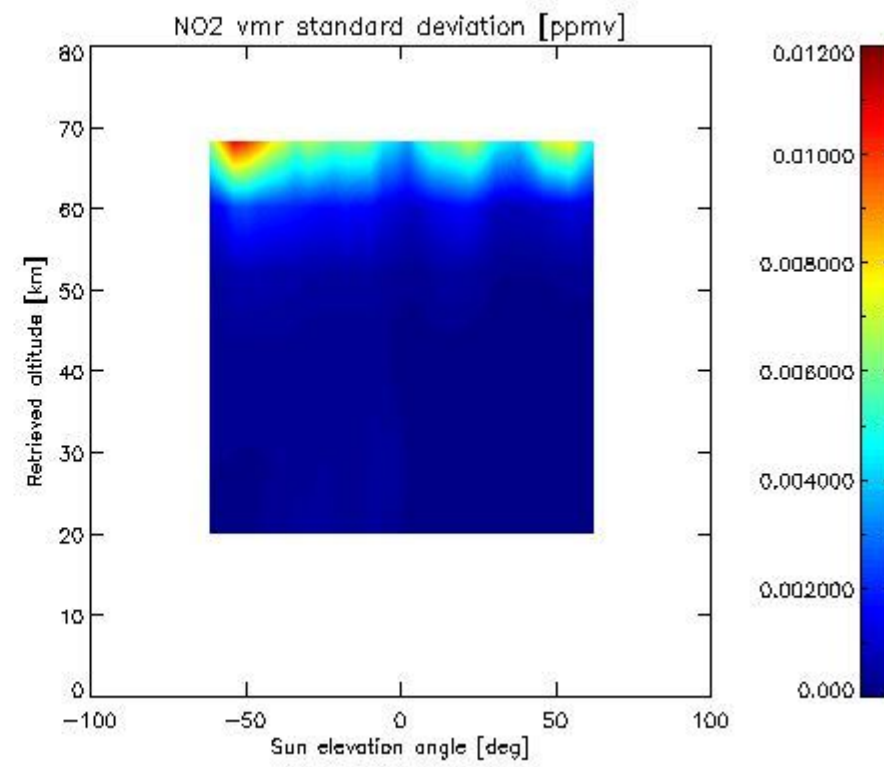
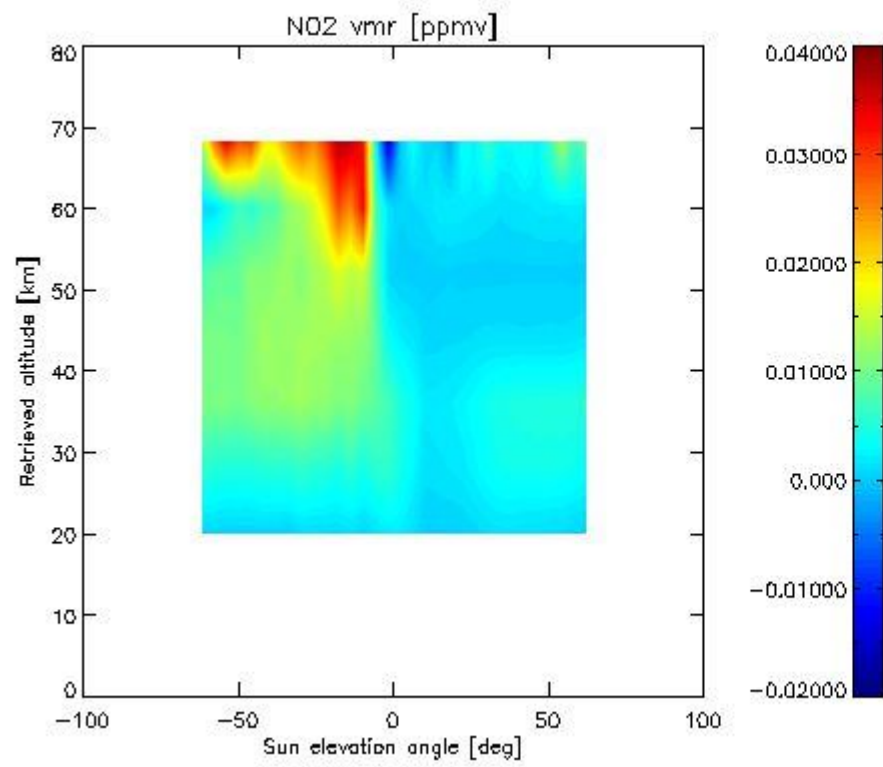
2.2.4.4 CH4 overview This section shows values (left) and error (right) for CH4 after binning individual sweep values over retrieved altitude and tangent latitude.



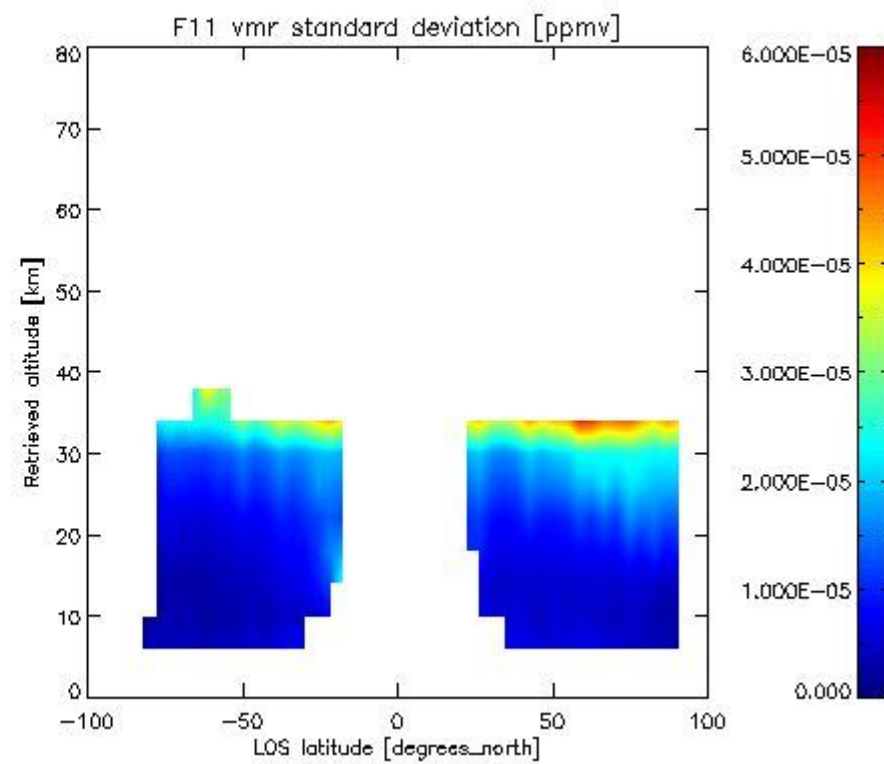
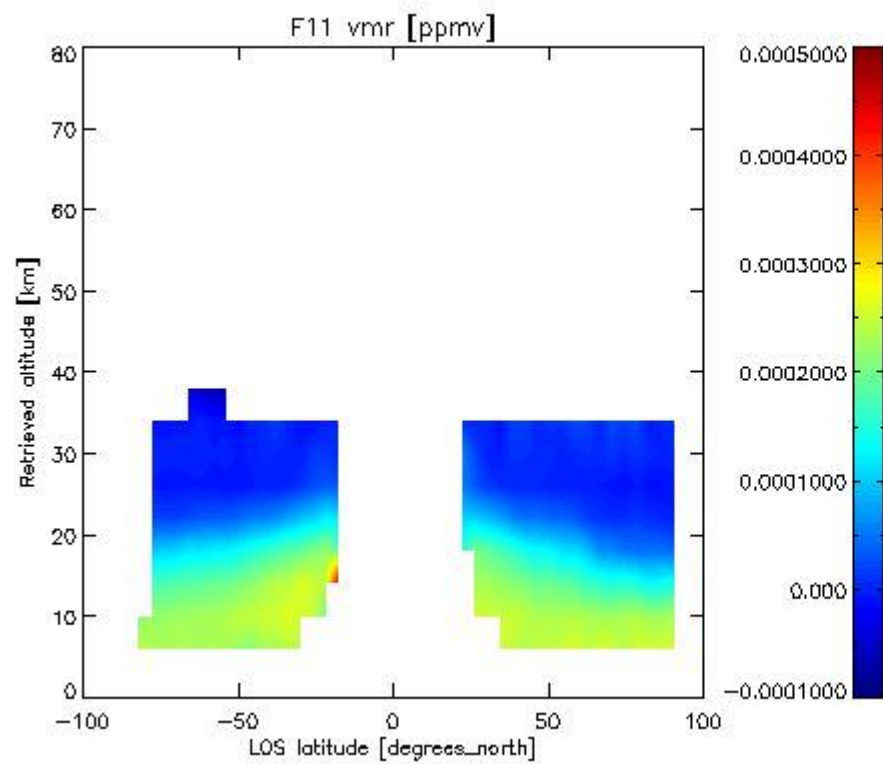
2.2.4.5 N2O overview This section shows values (left) and error (right) for N2O after binning individual sweep values over retrieved altitude and tangent latitude.



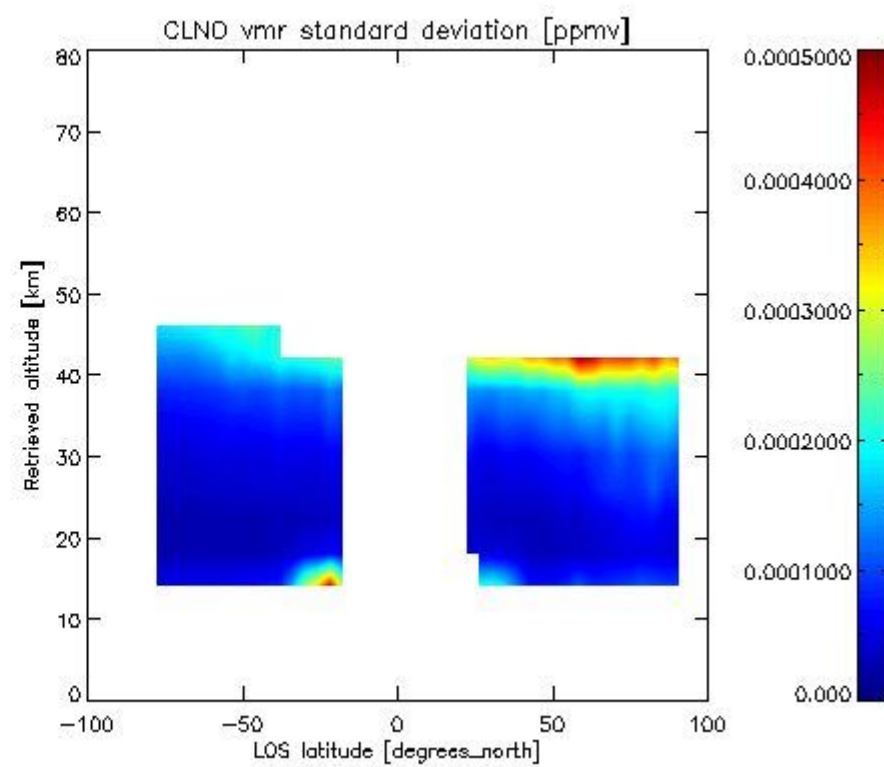
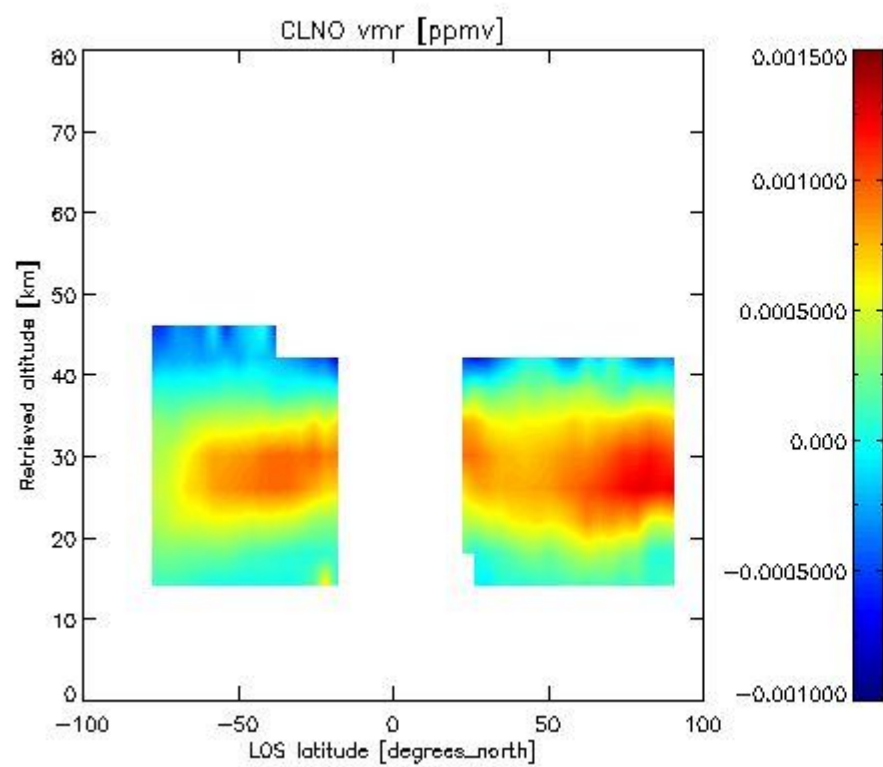
2.2.4.6 NO₂ overview This section shows values (left) and error (right) for NO₂ after binning individual sweep values over retrieved altitude and Sun Elevation Angle. Note that for NO₂ the bin heights are 6 km.

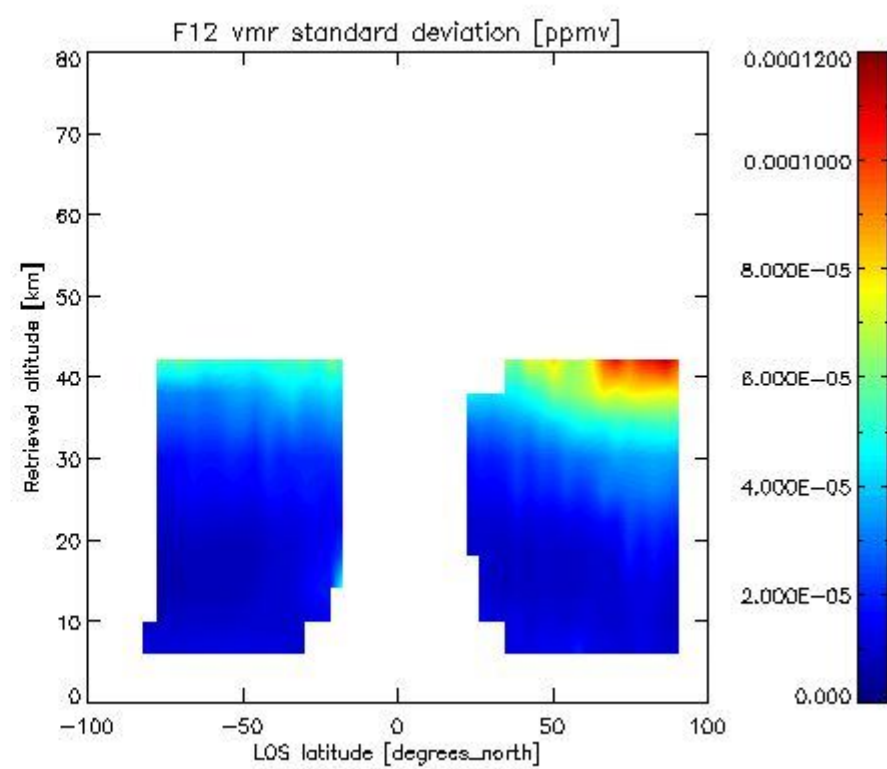
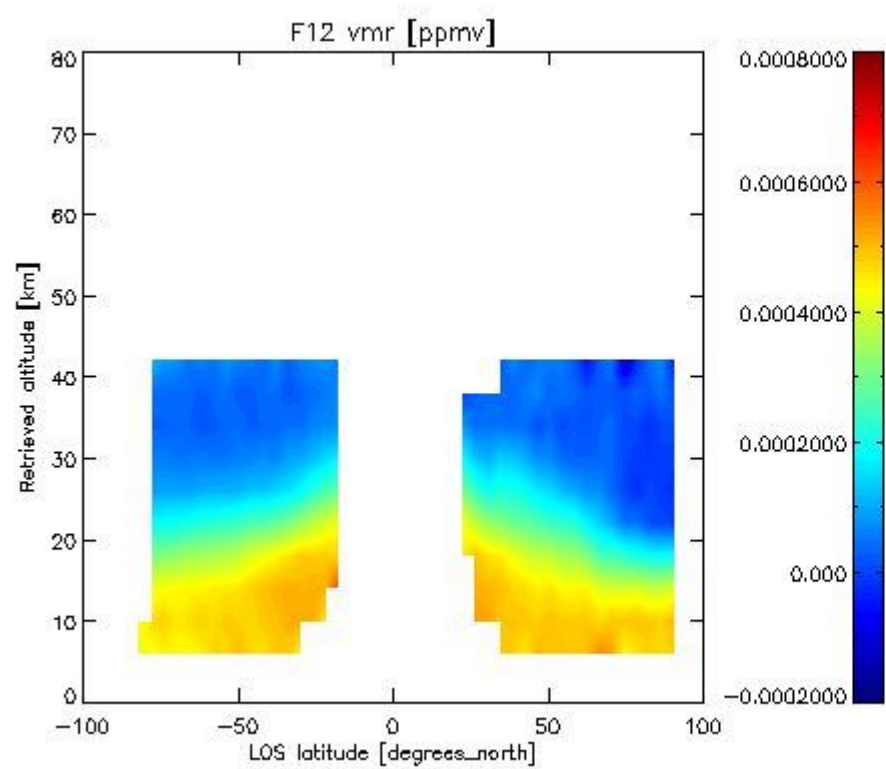
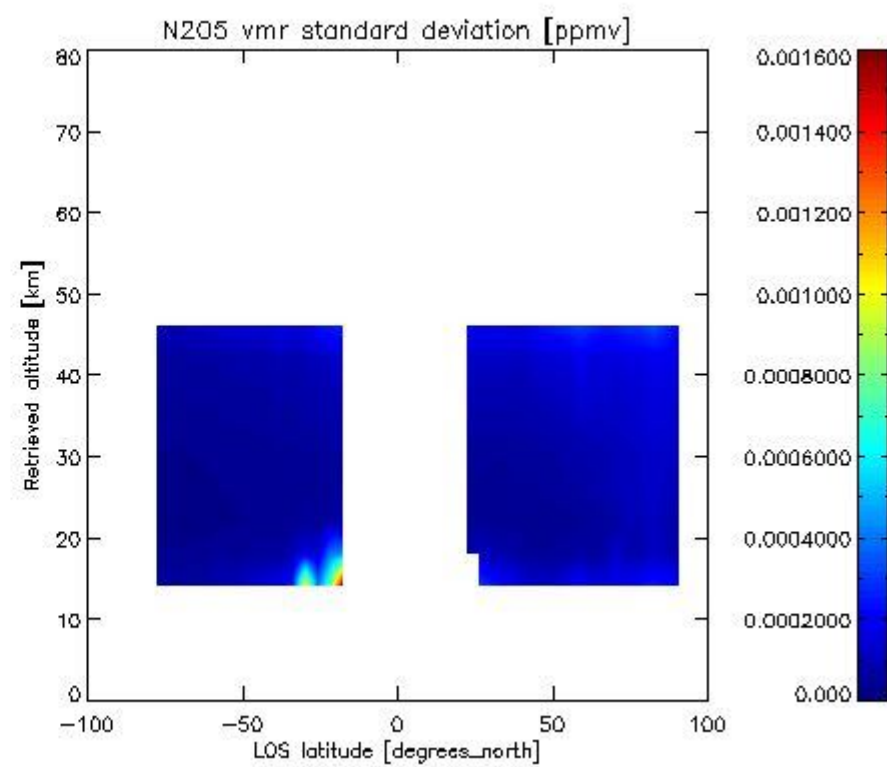
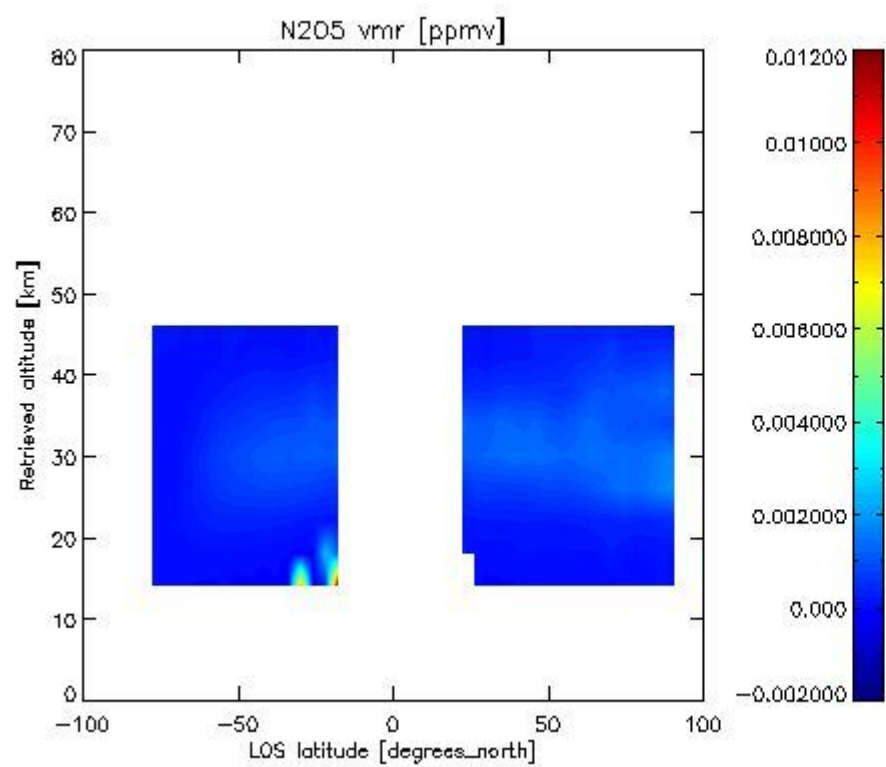


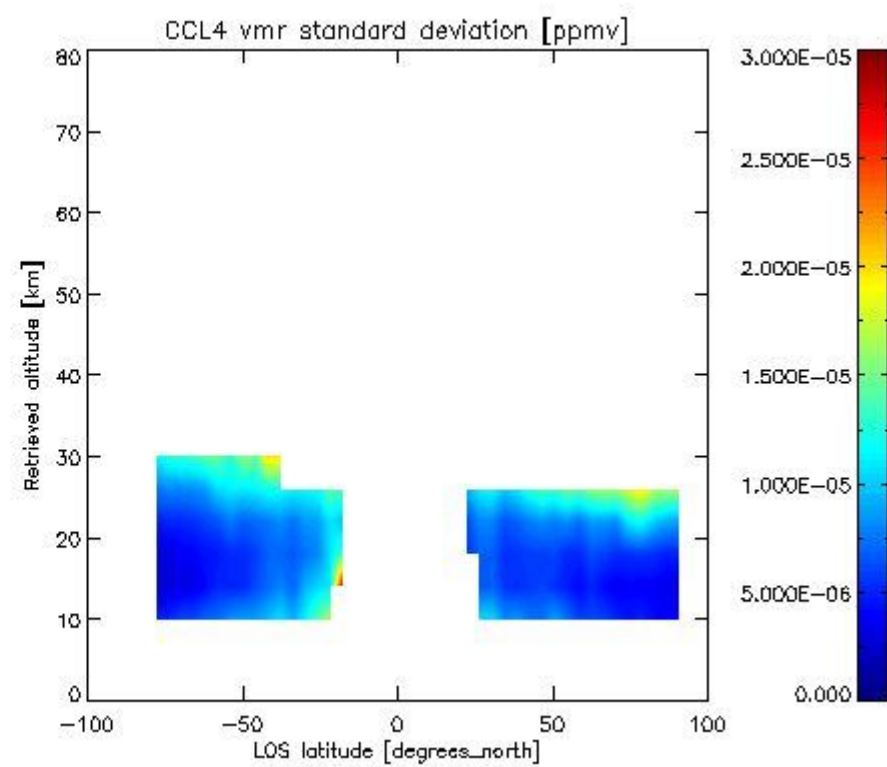
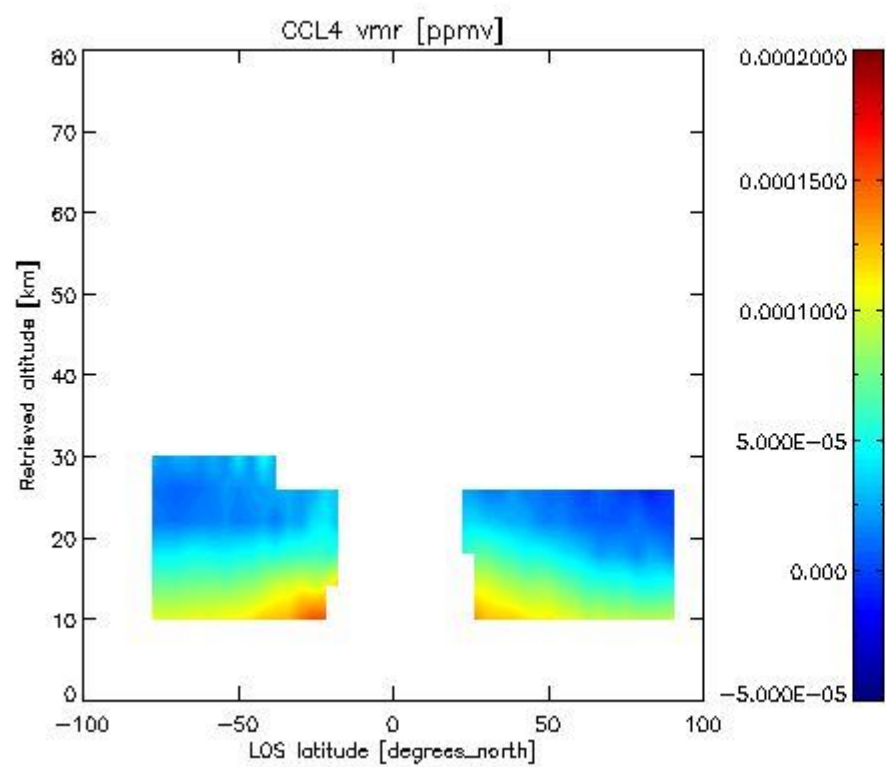
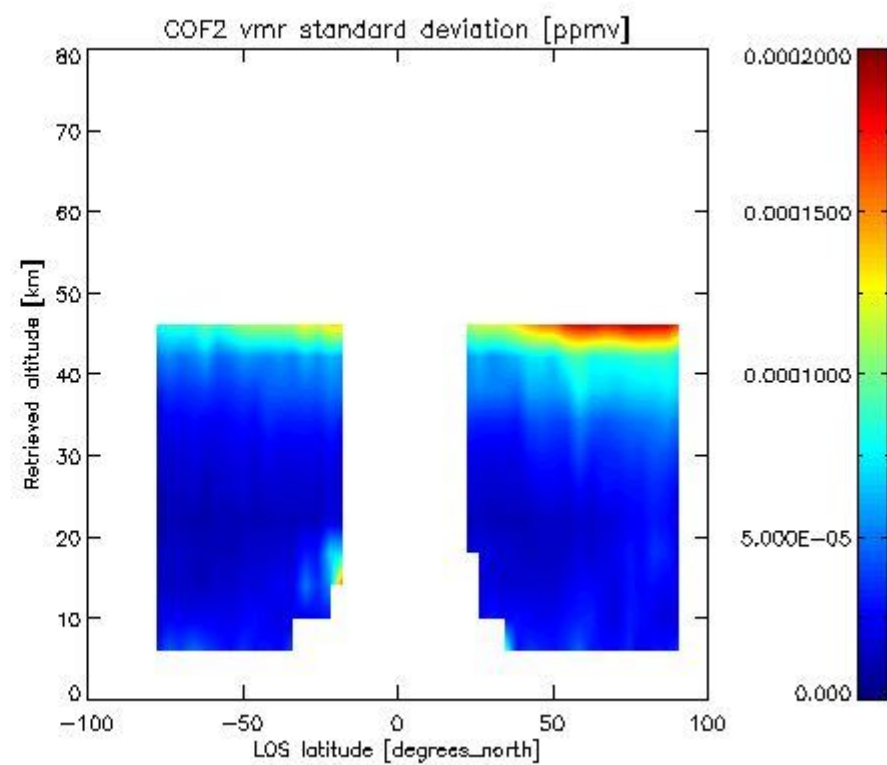
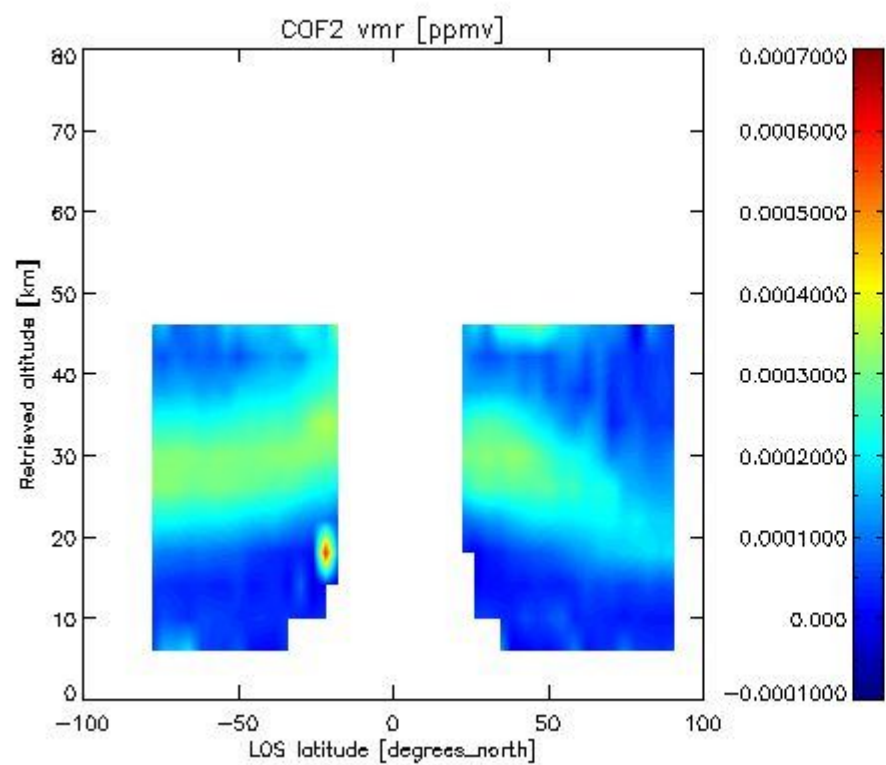
2.2.4.7 F11 overview This section shows values (left) and error (right) for F11 after binning individual sweep values over retrieved altitude and tangent latitude.

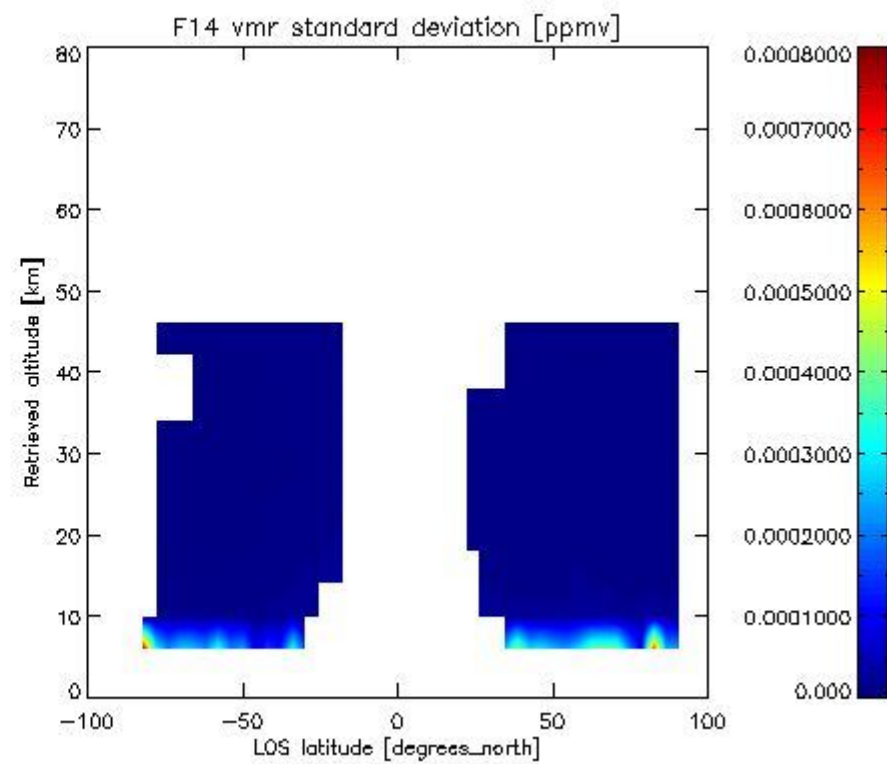
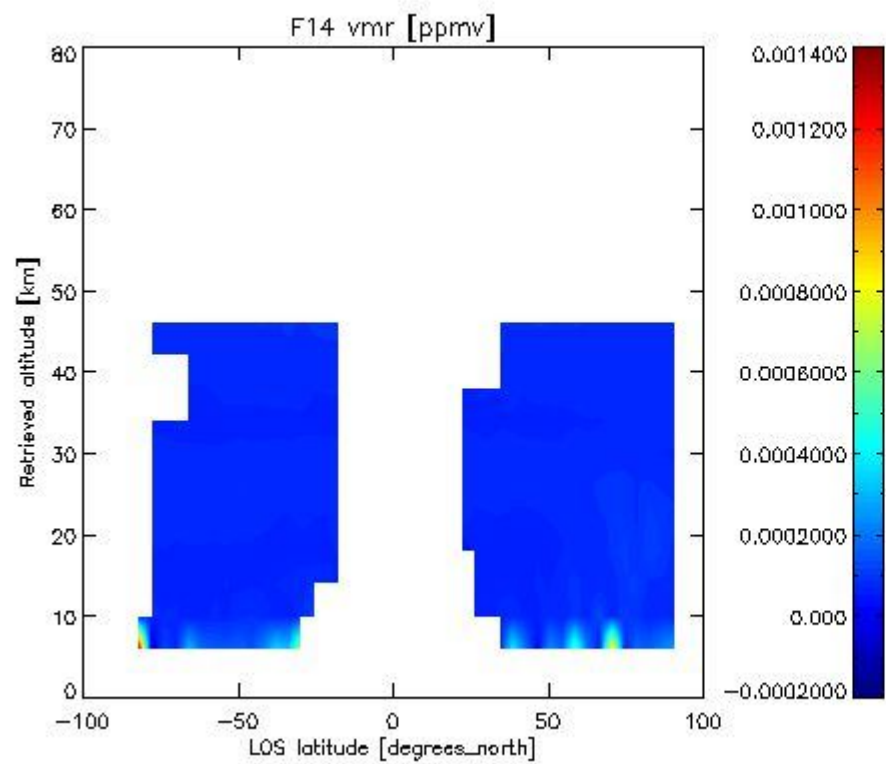
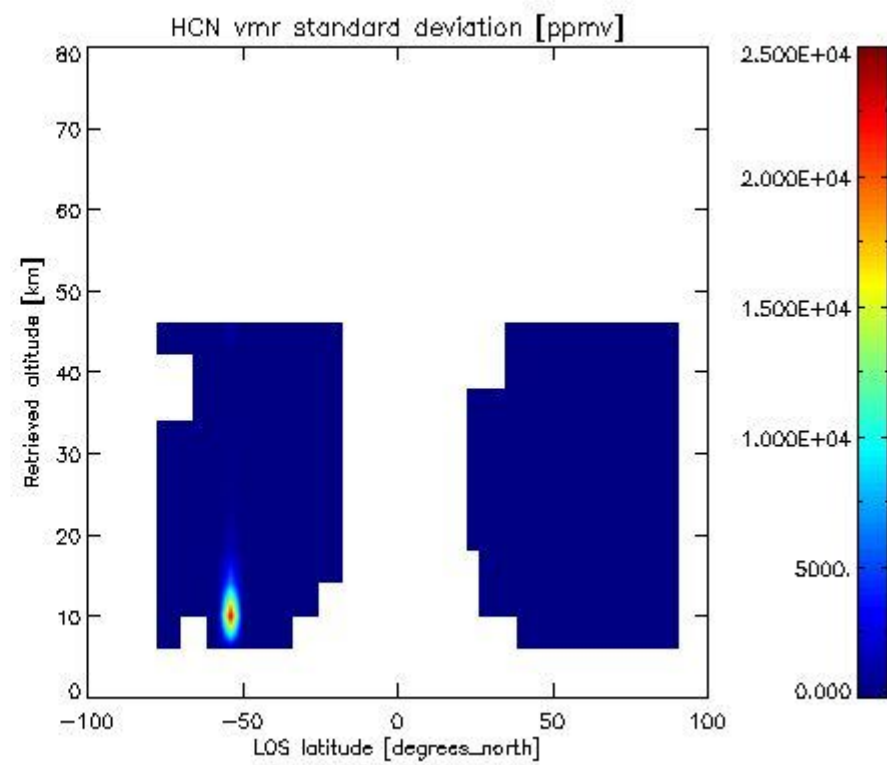
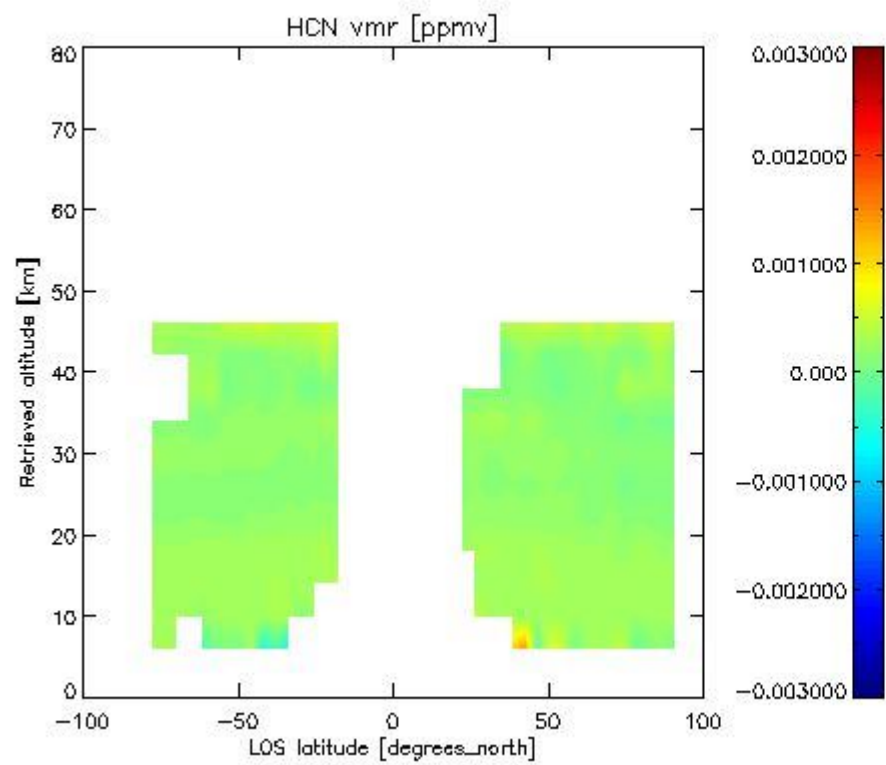


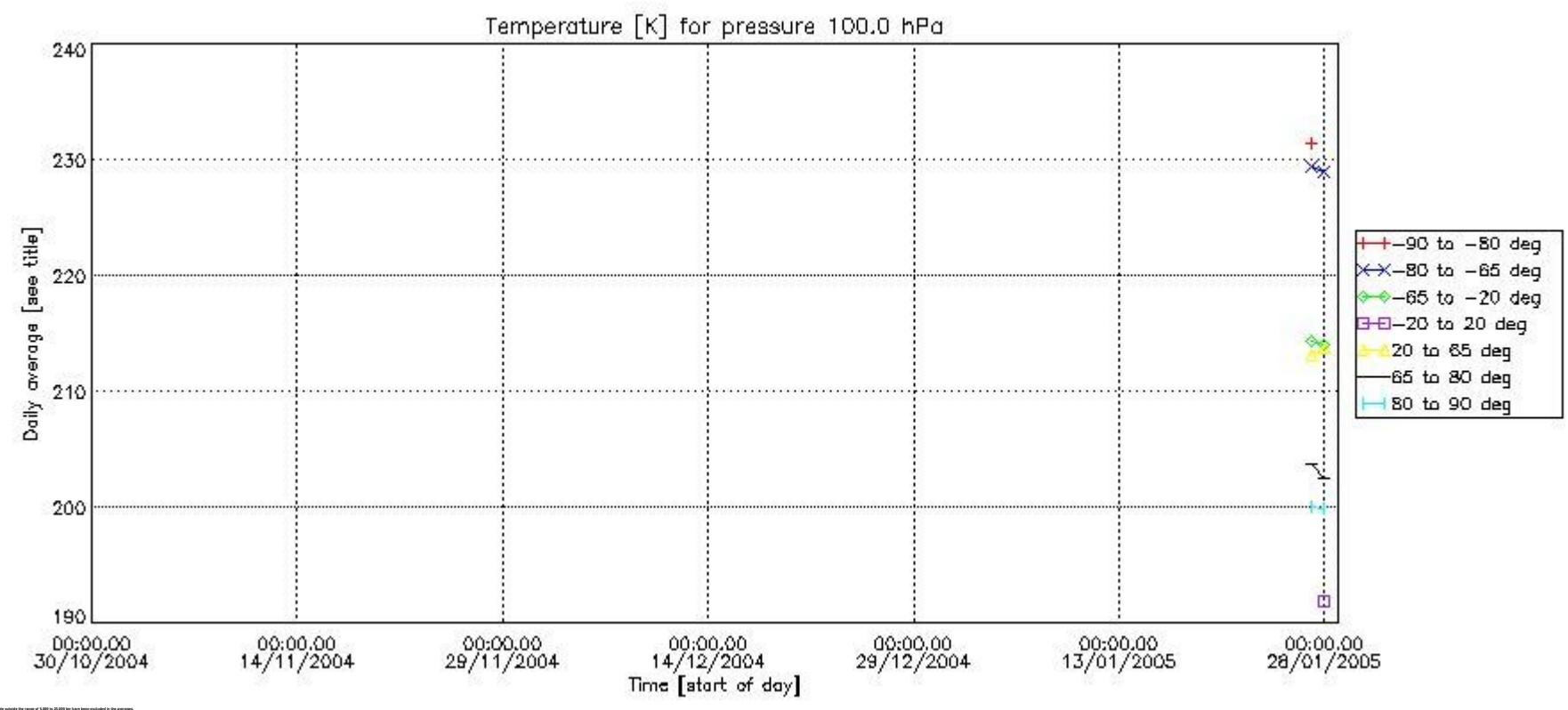
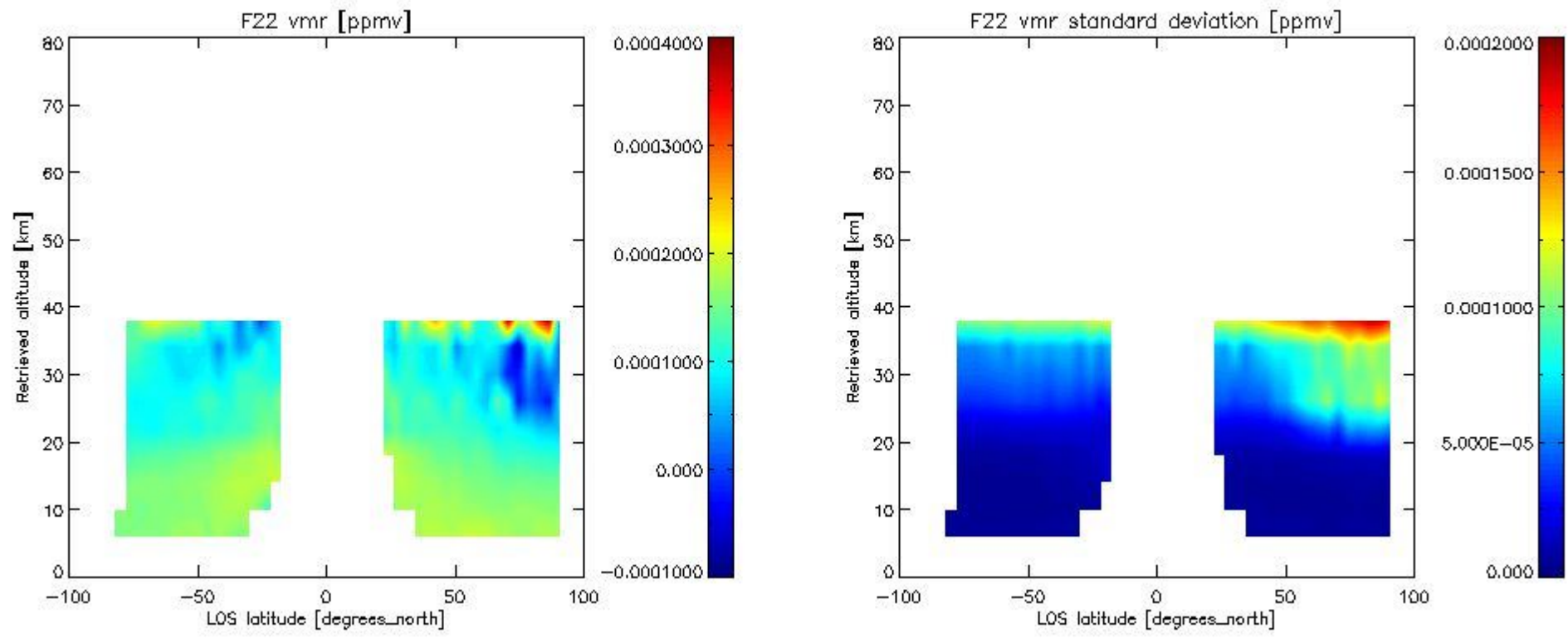
2.3.4 CLNO overview This section shows values (left) and error (right) for CLNO after binning individual sweep values over retrieved altitude and target latitude.

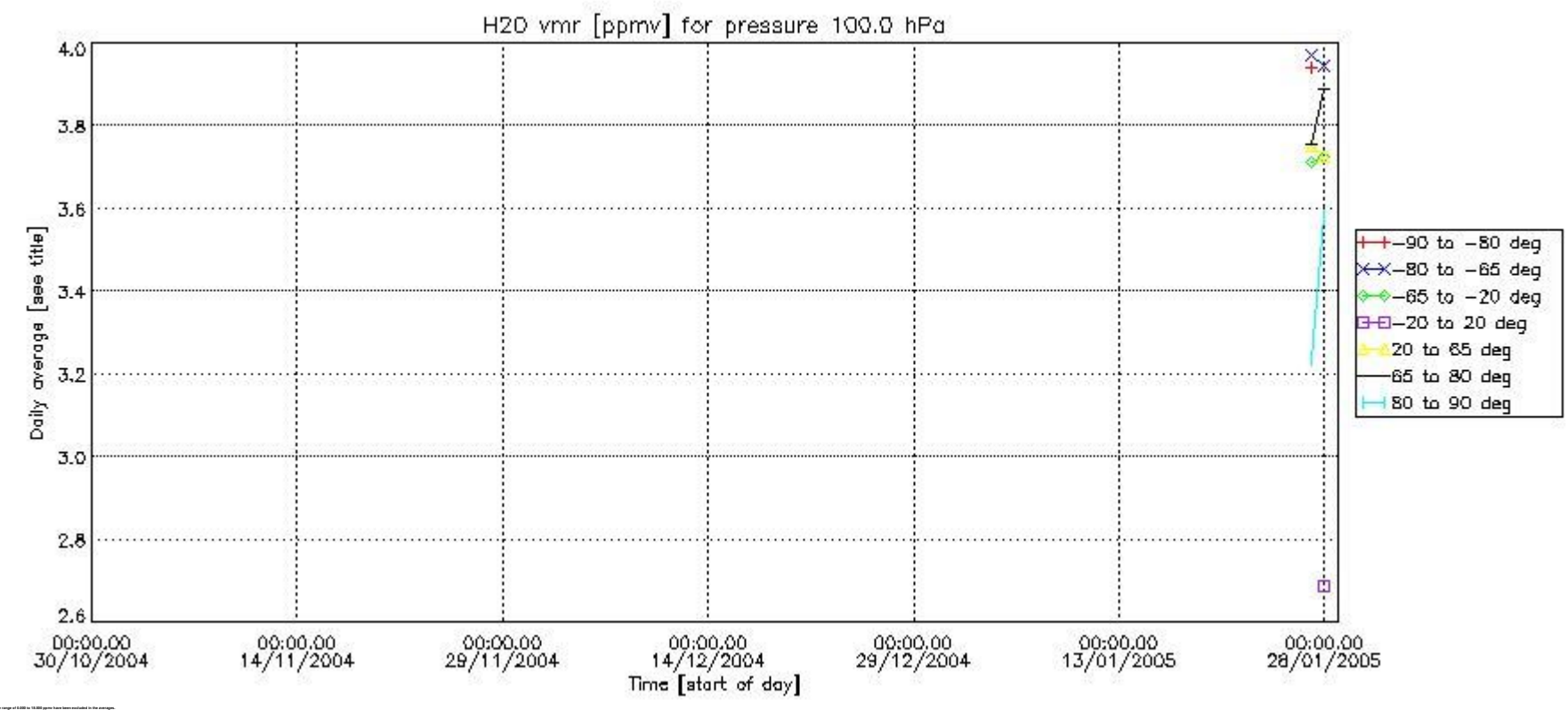
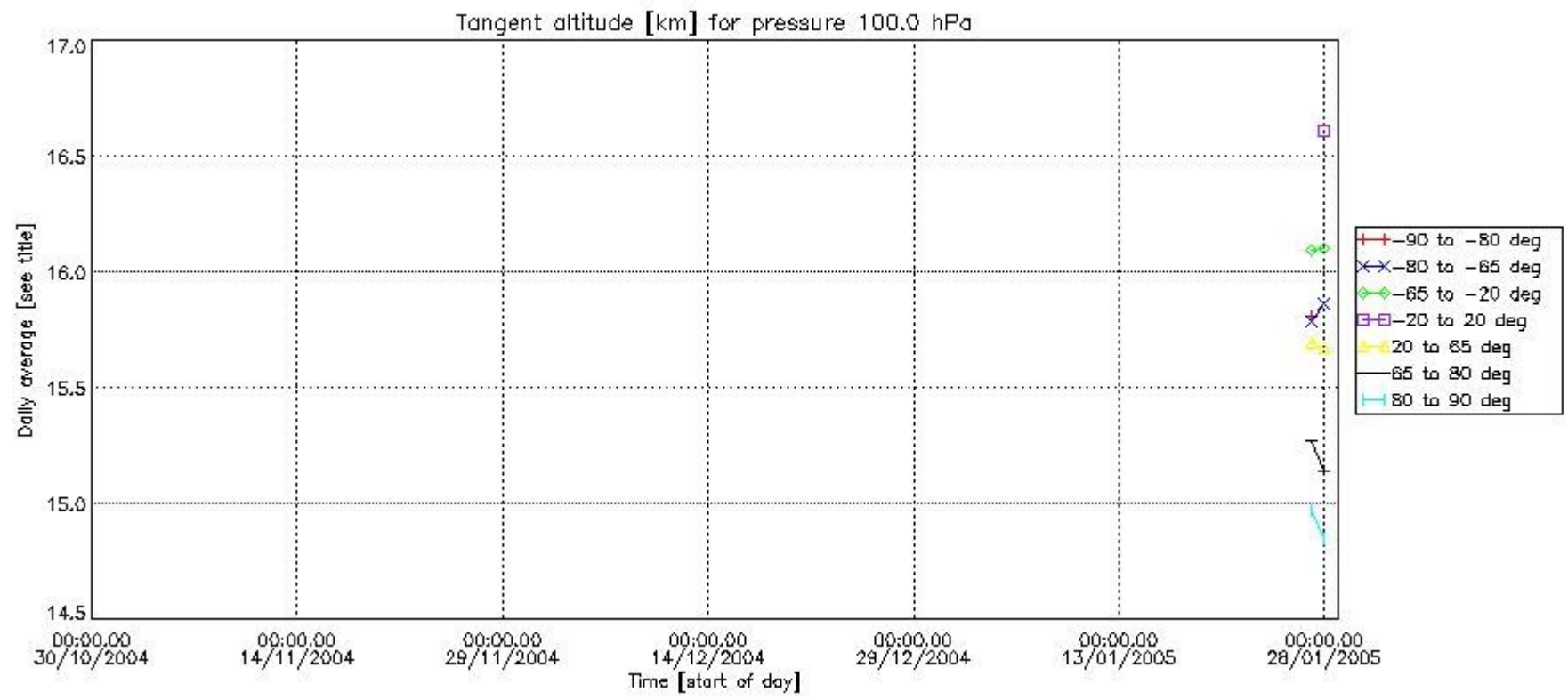


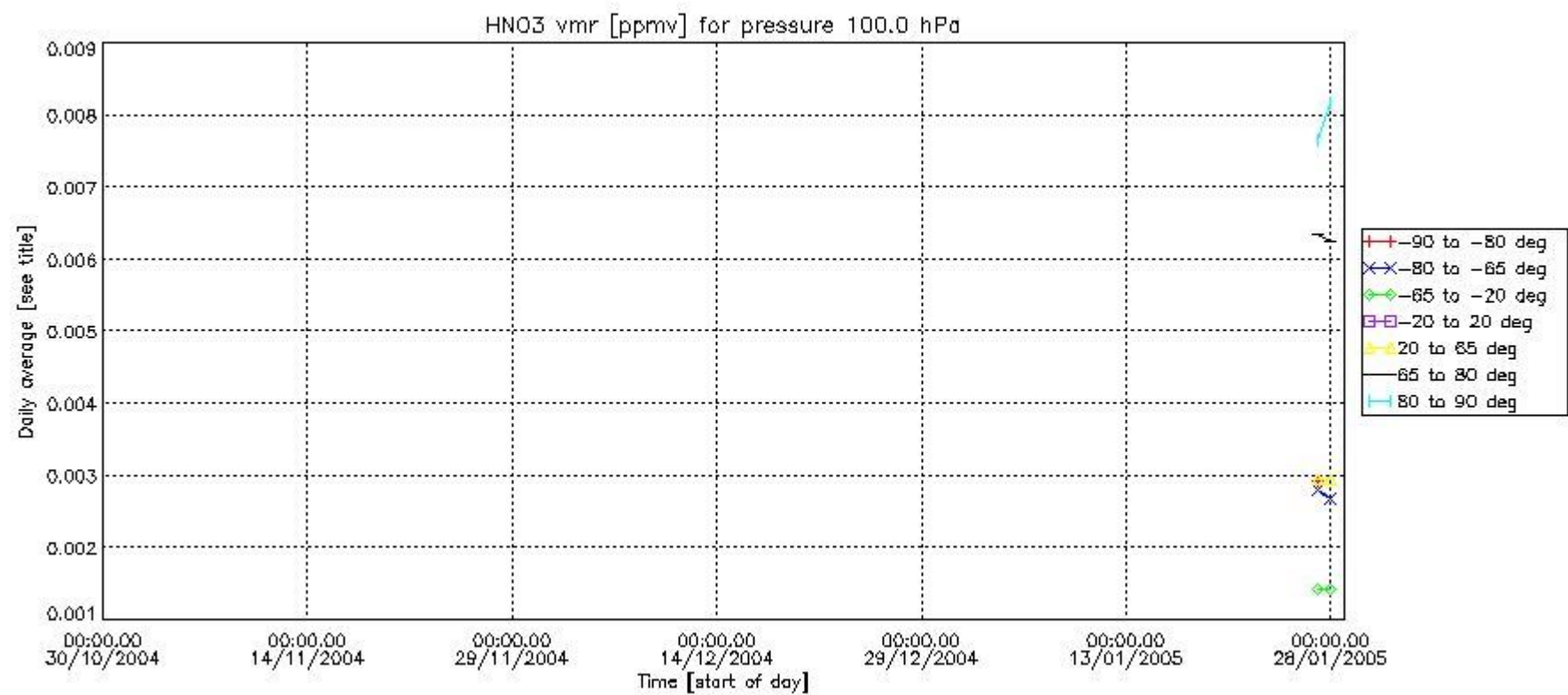
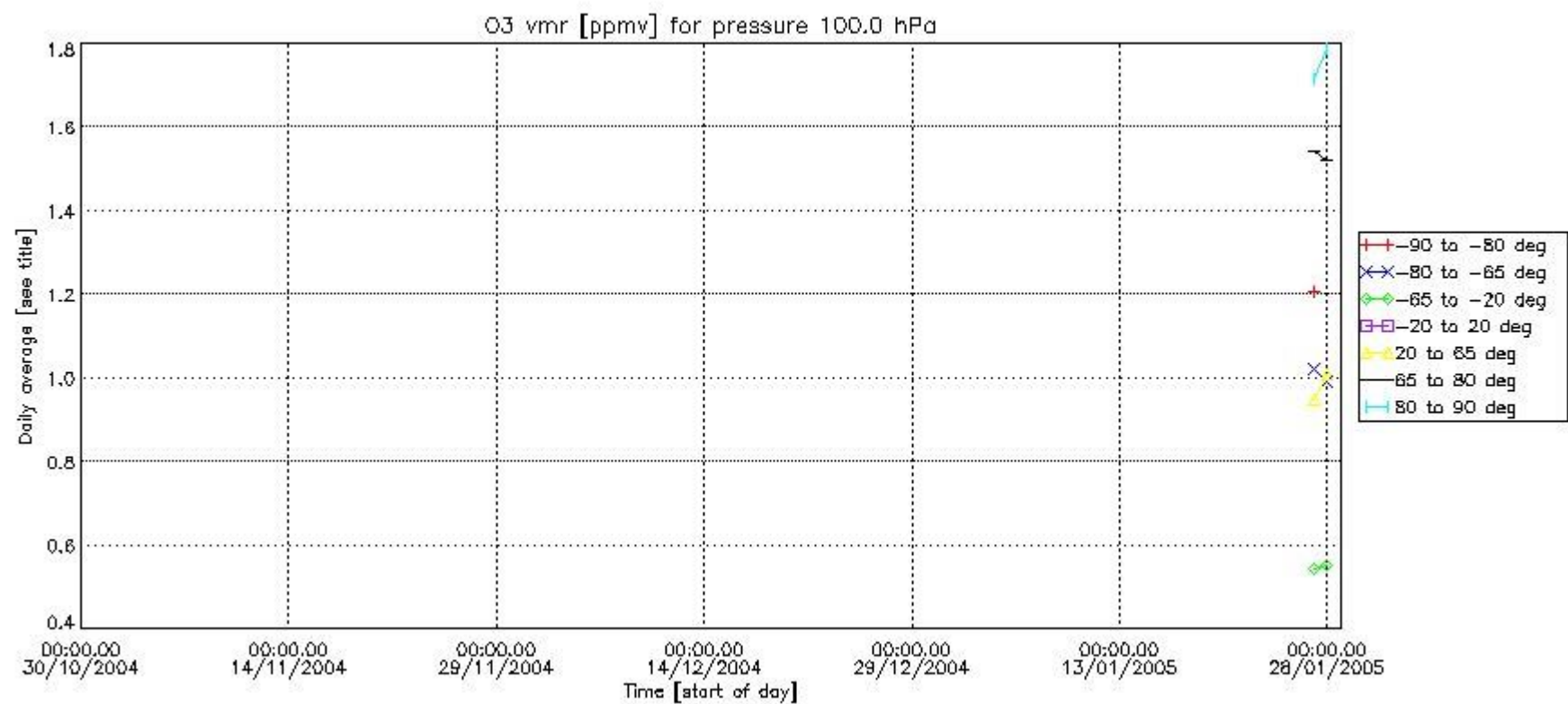


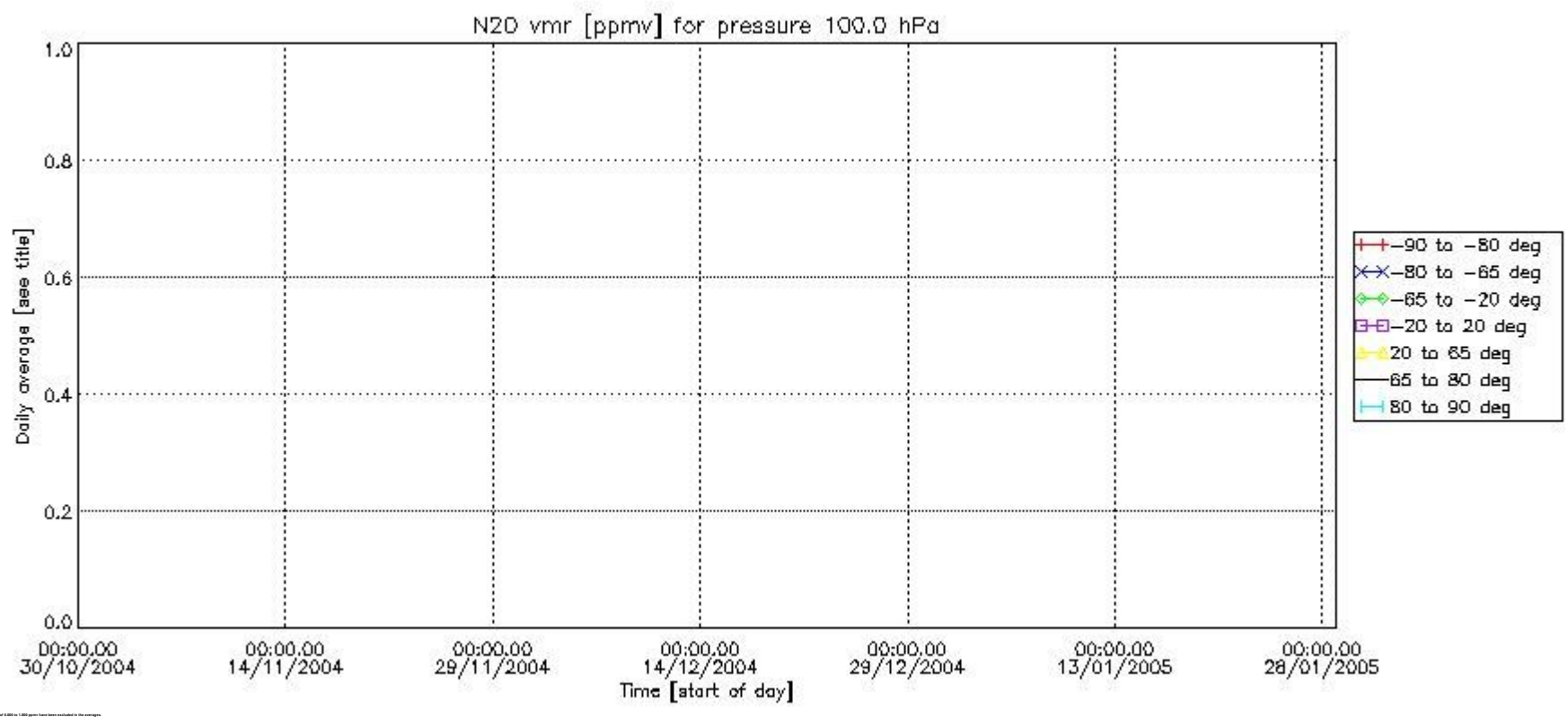
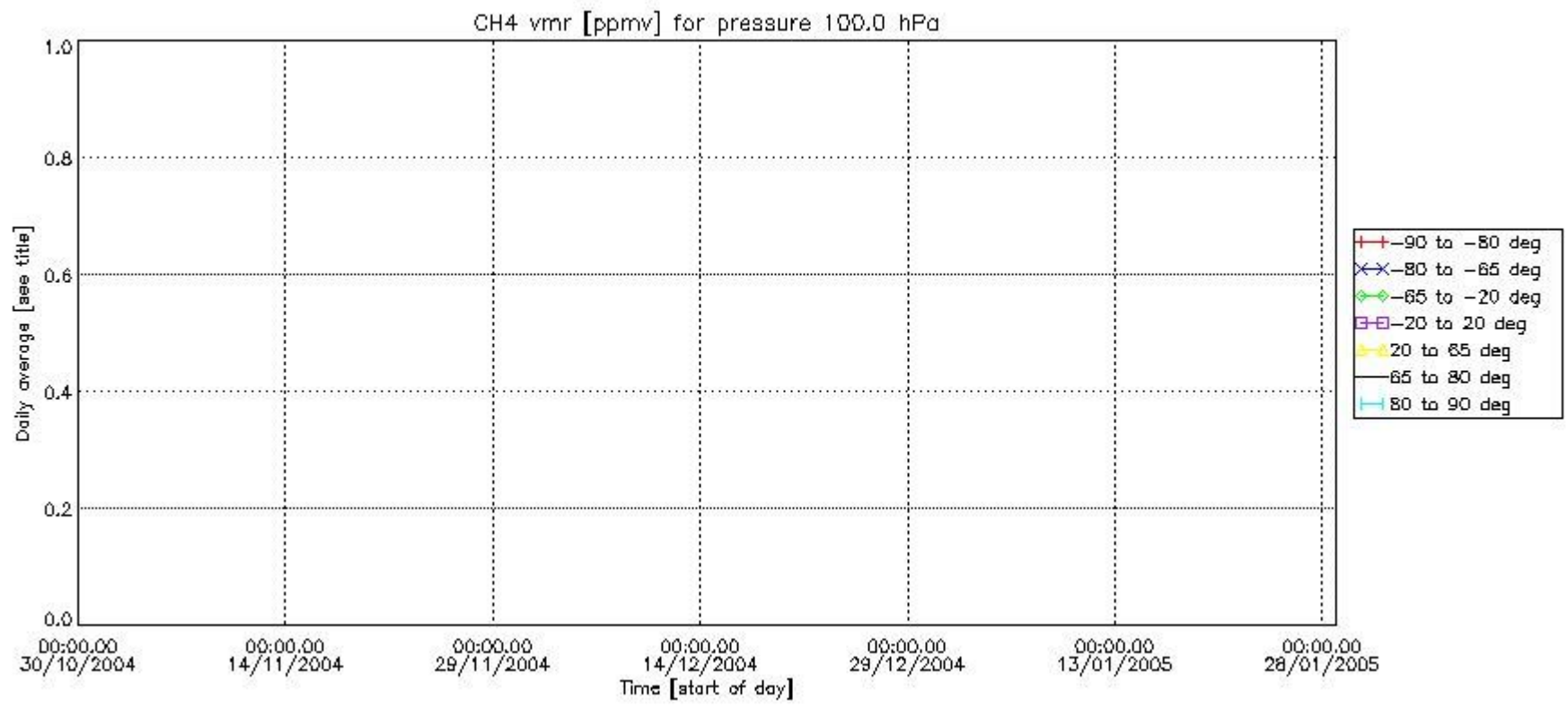


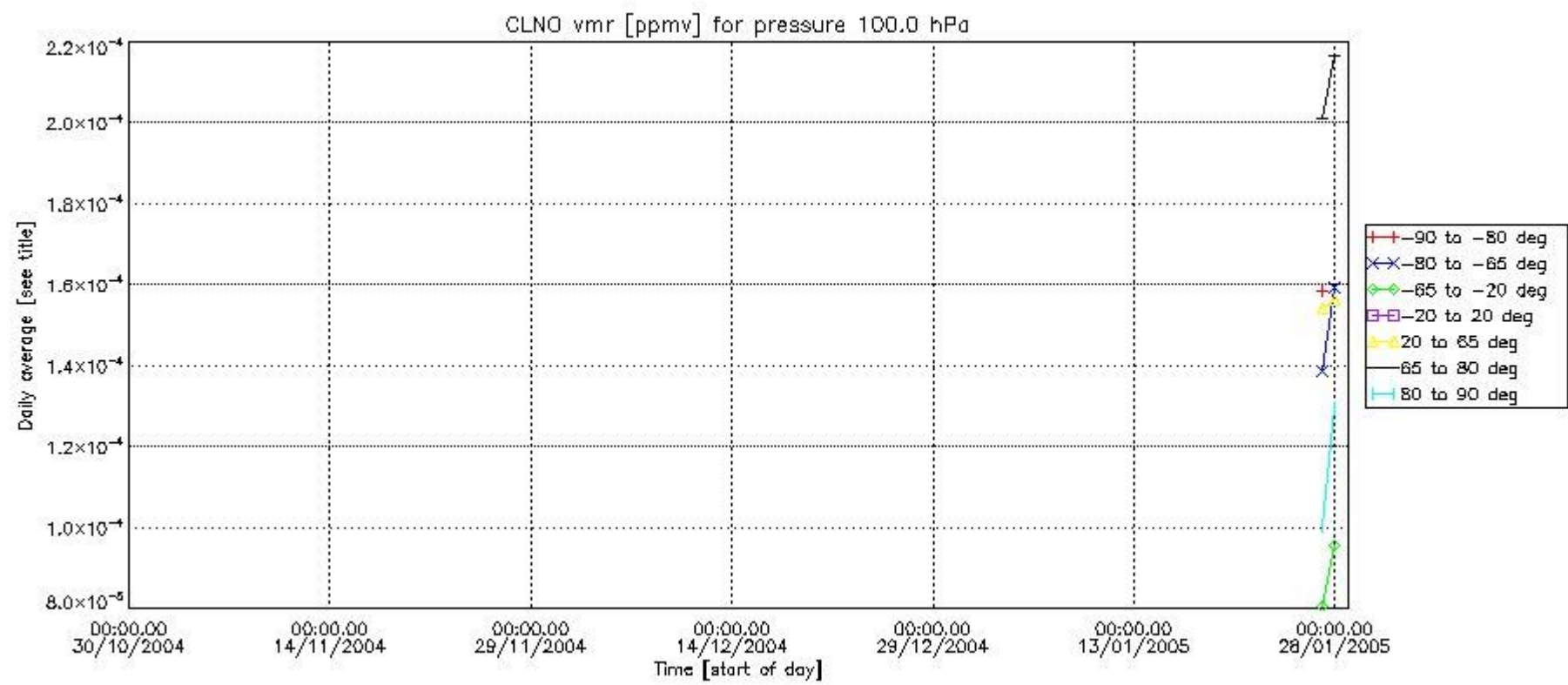
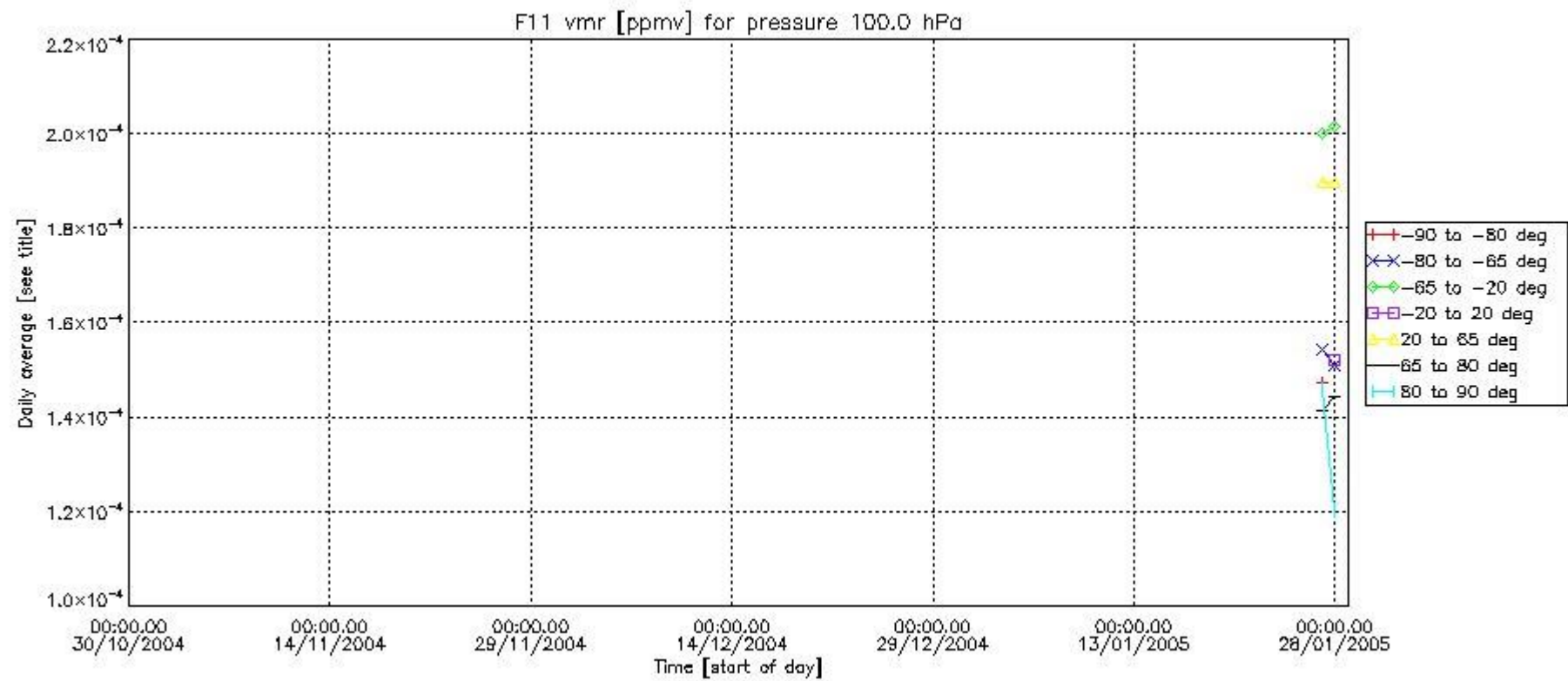


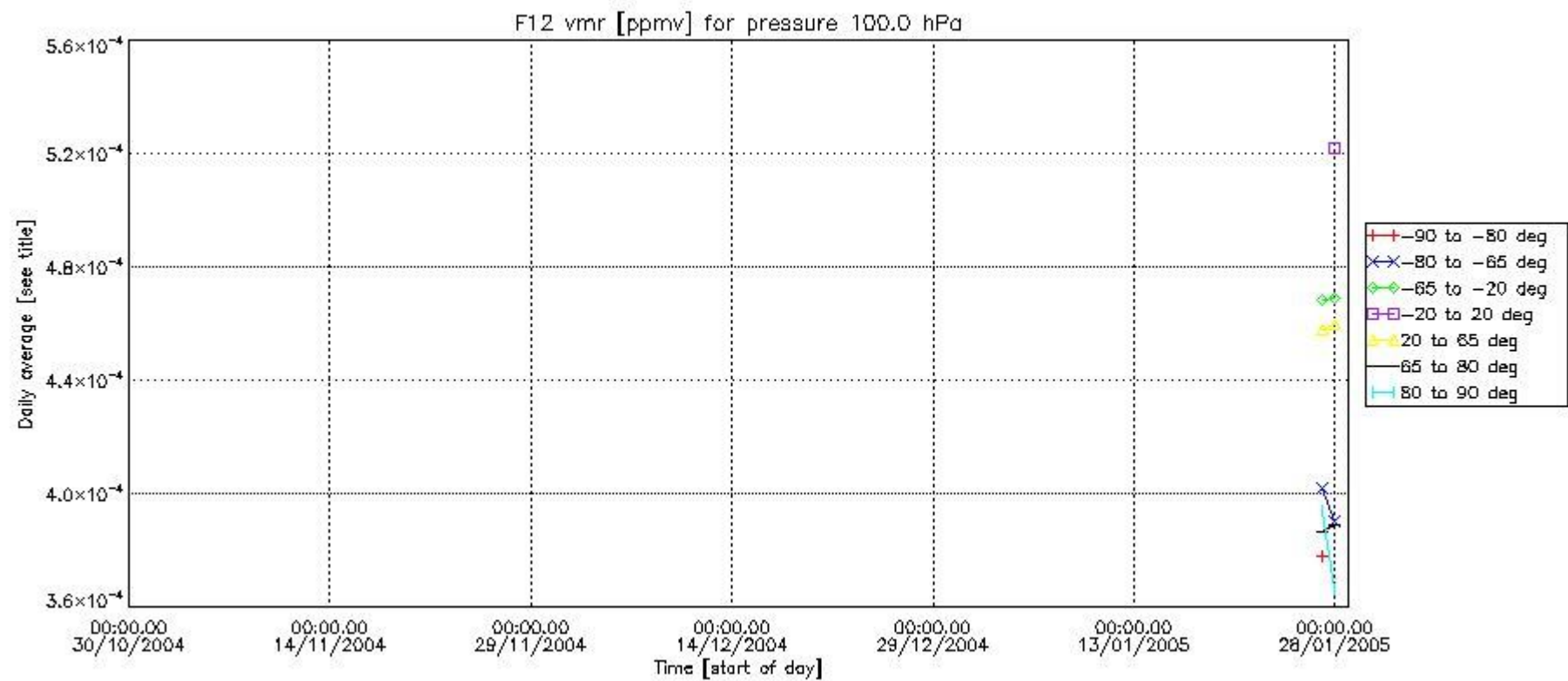
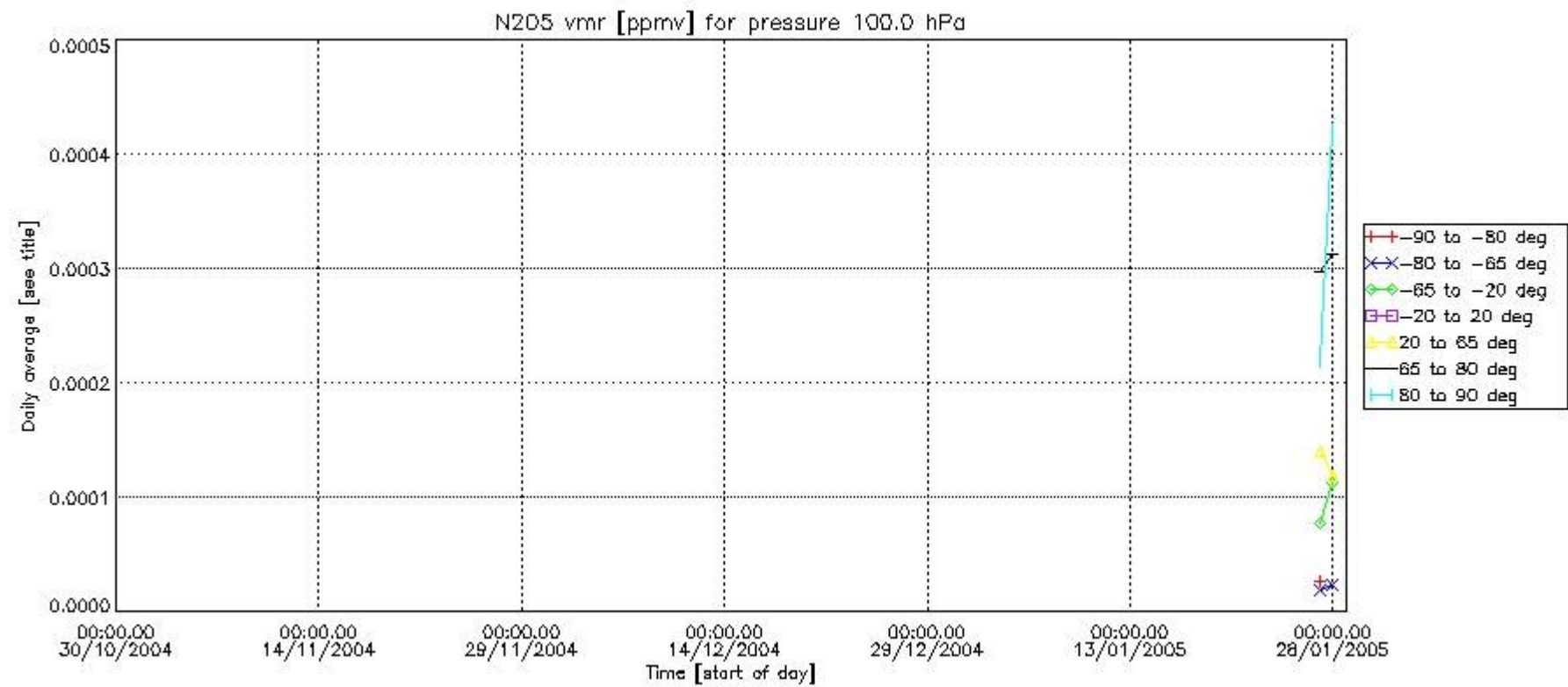


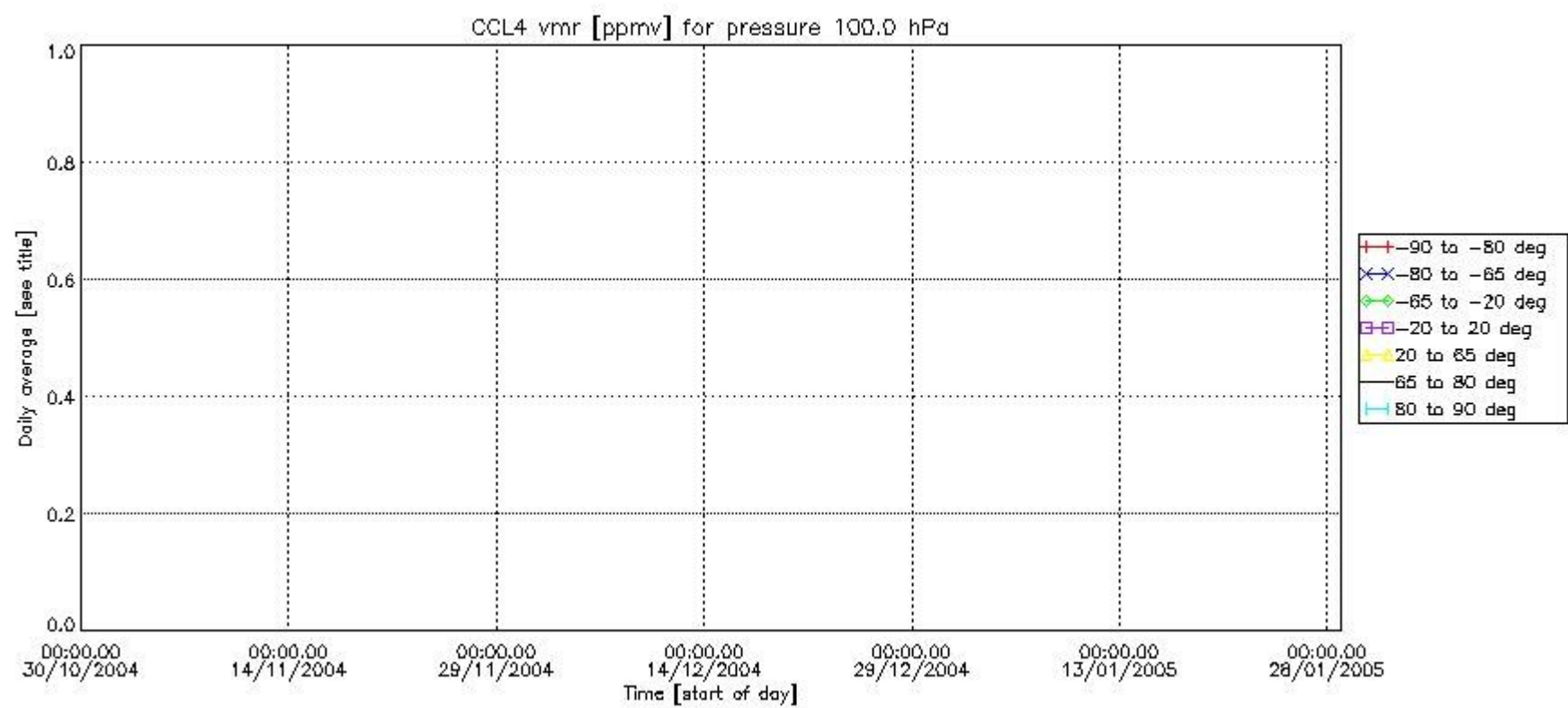
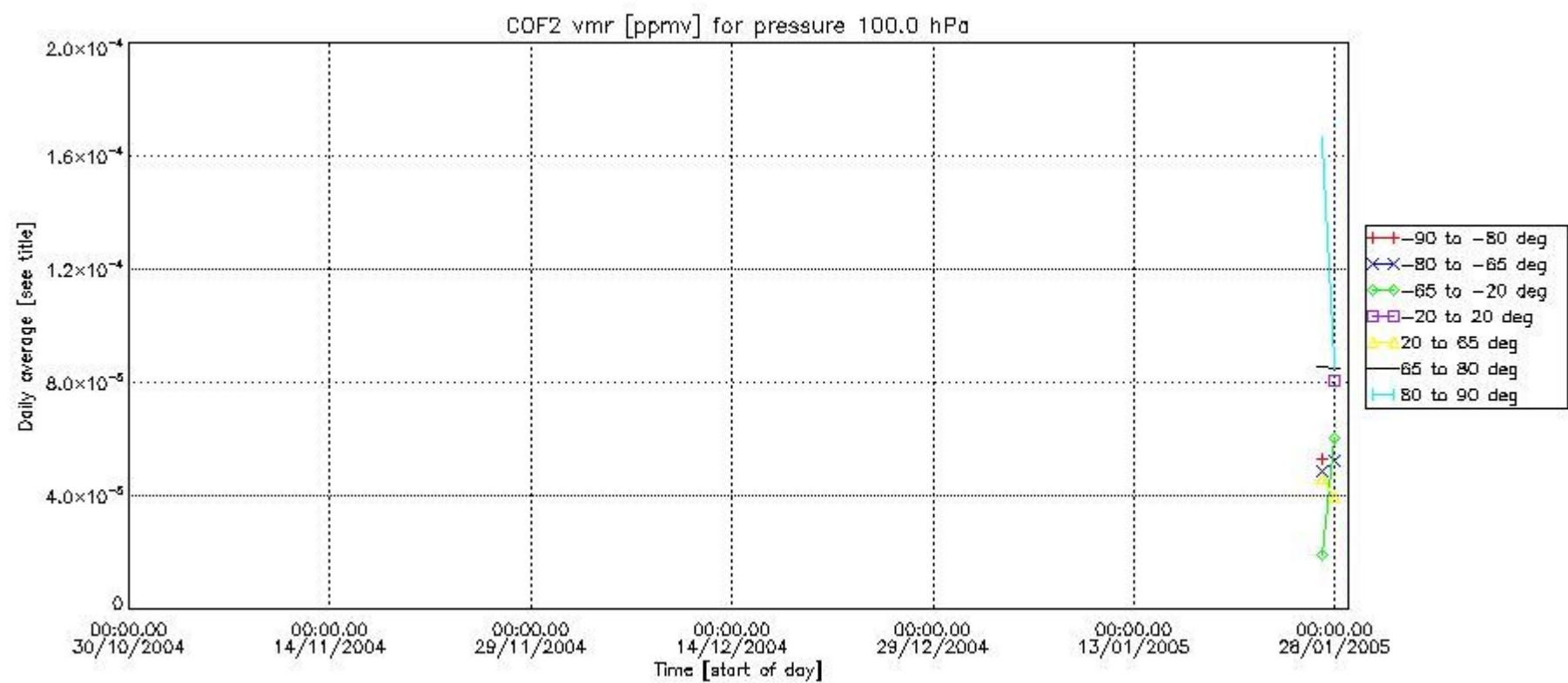


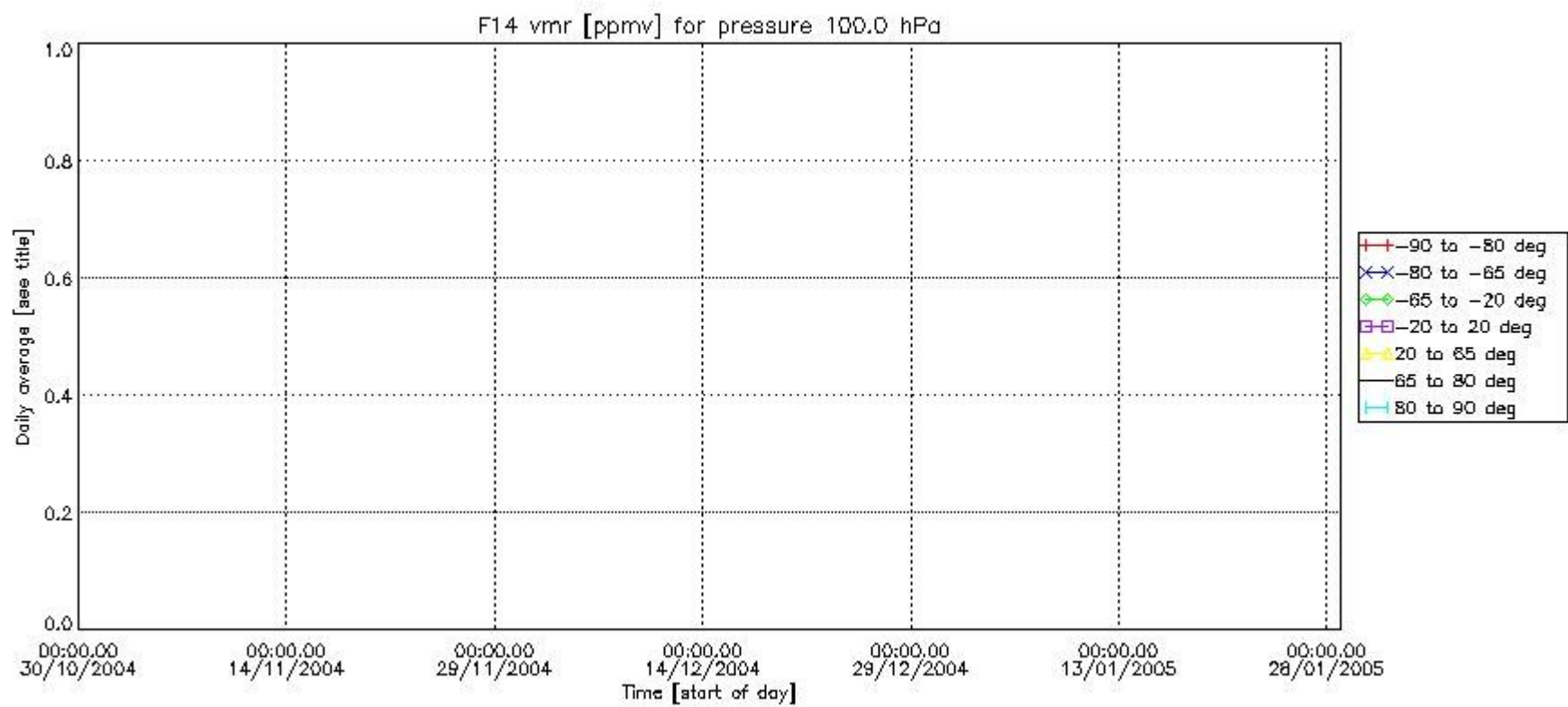
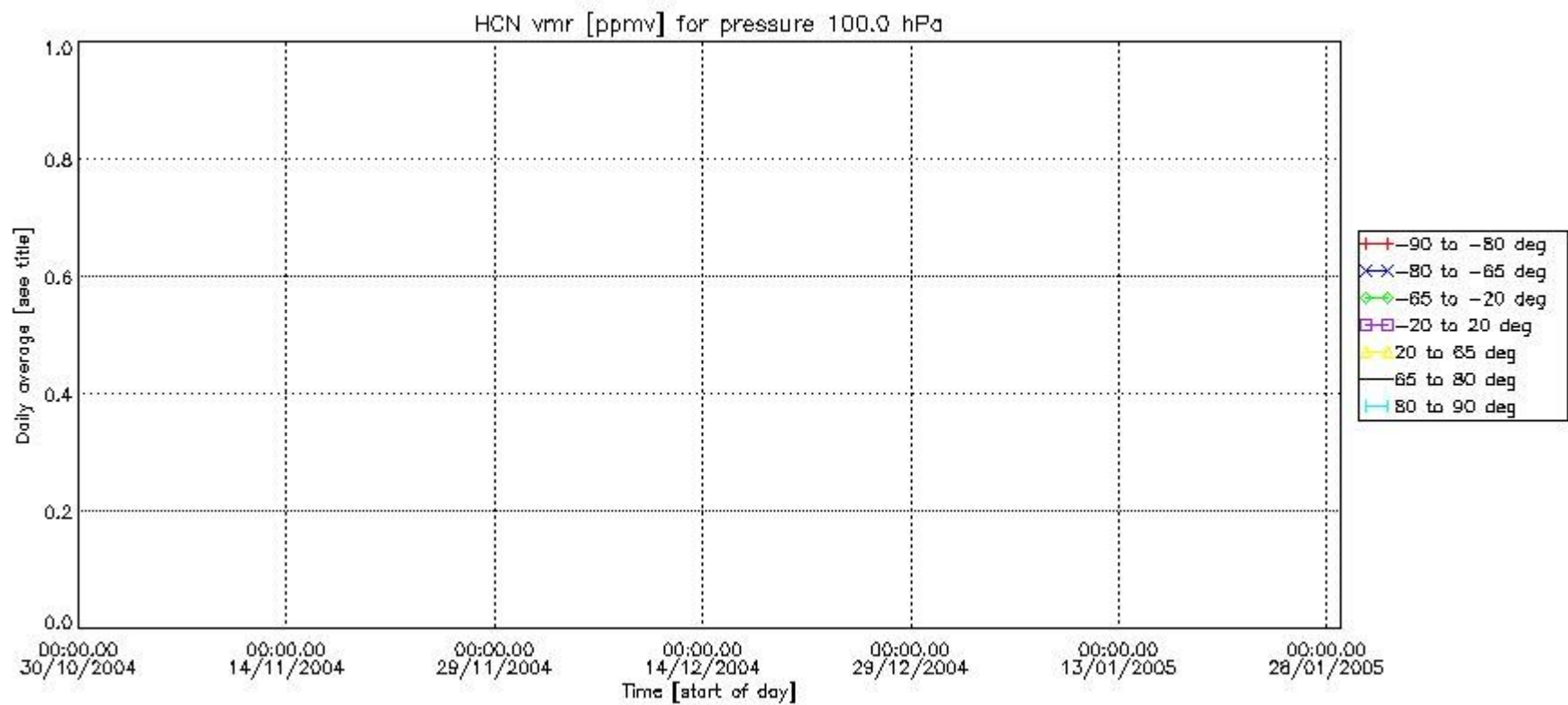


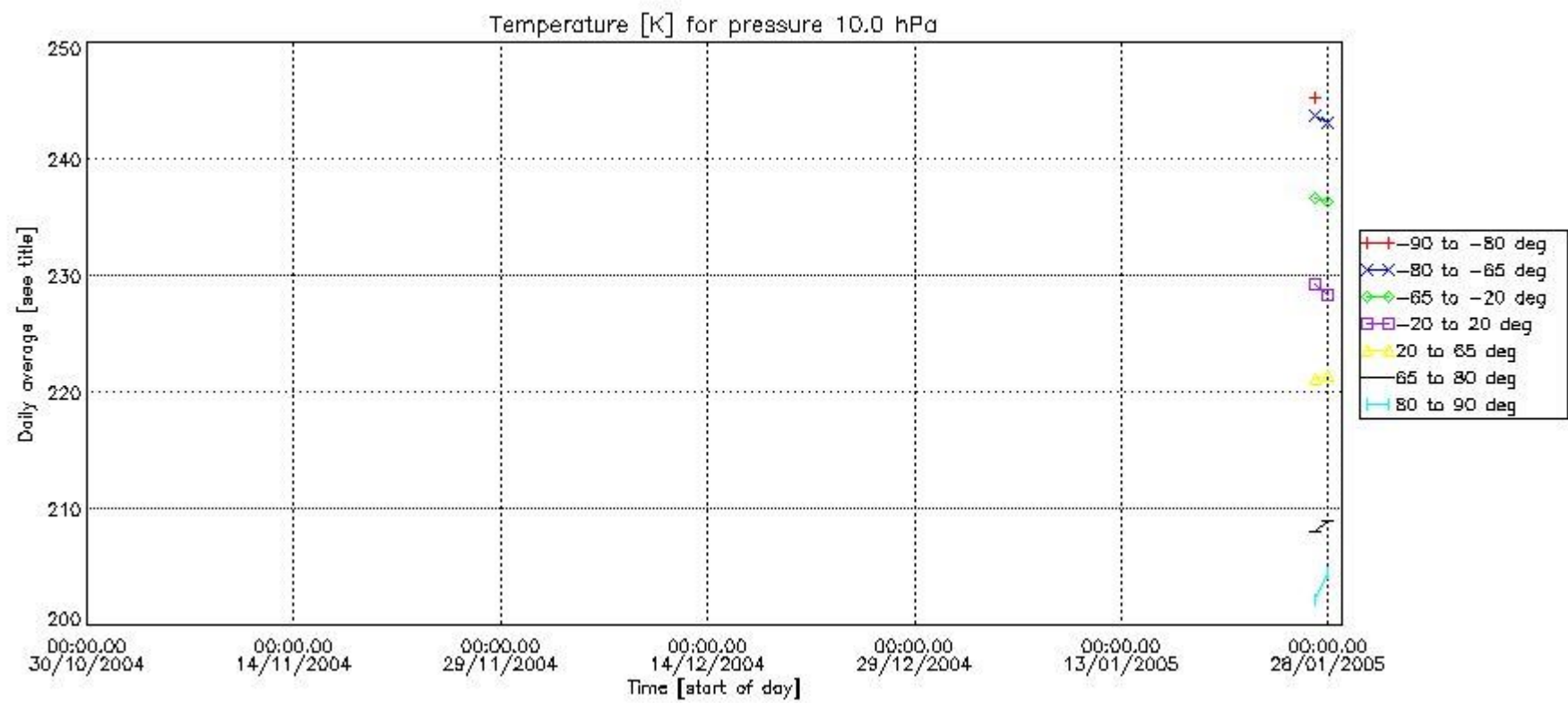
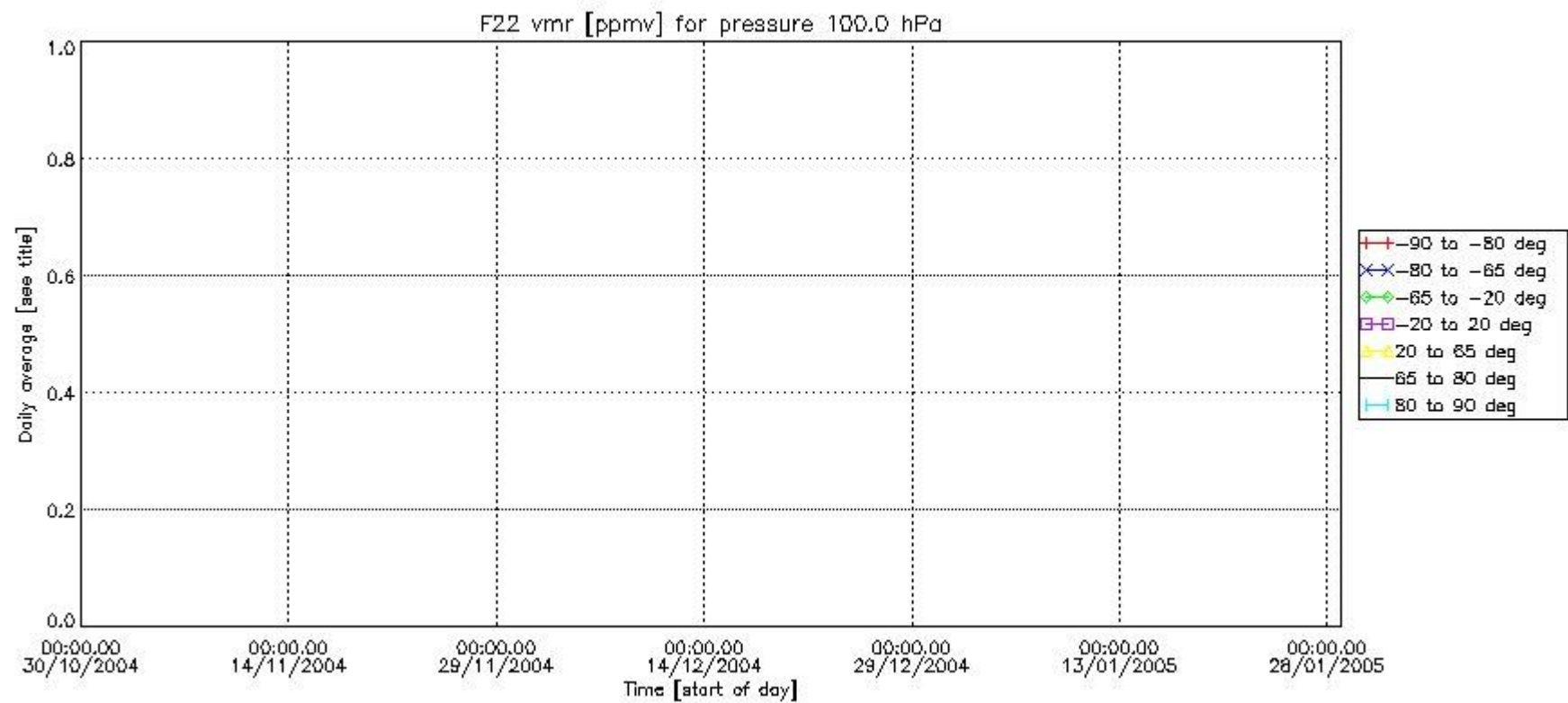


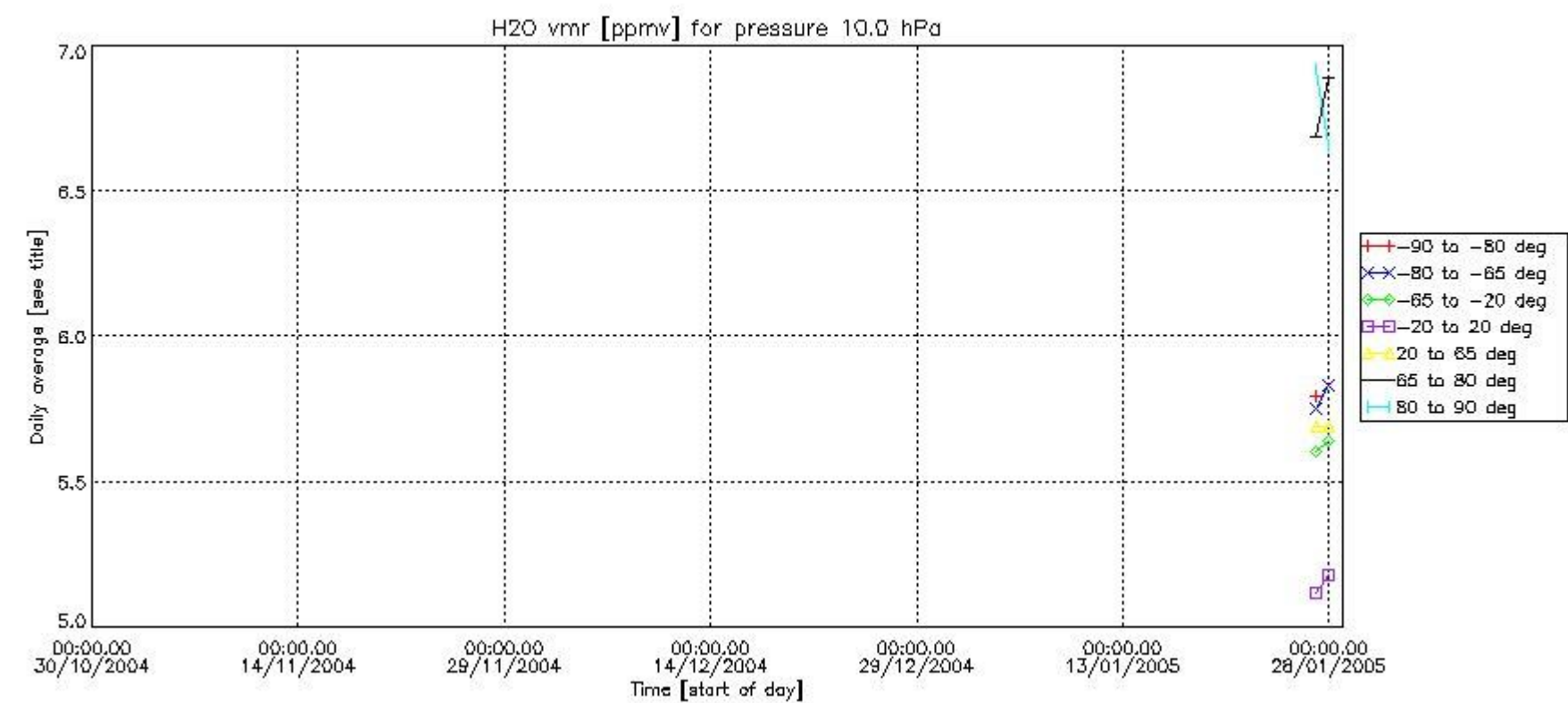
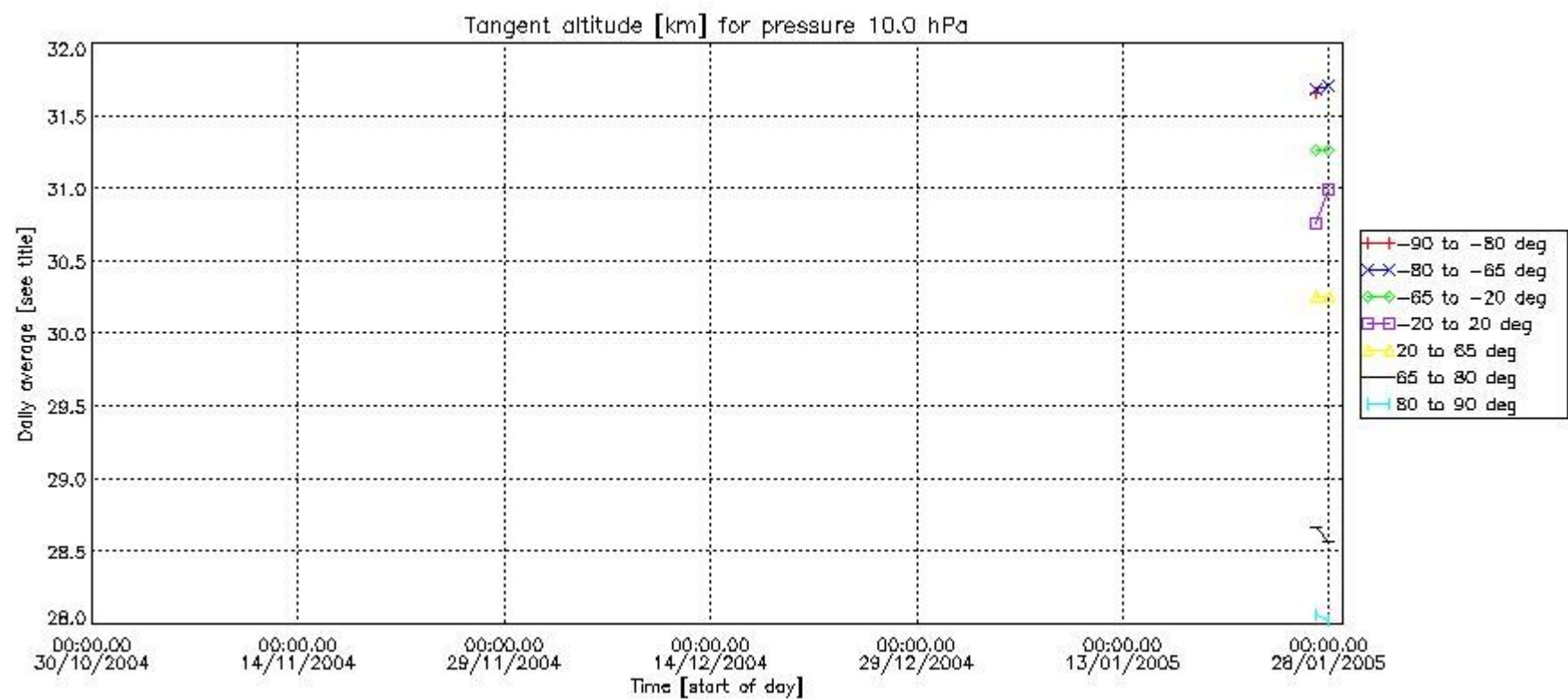


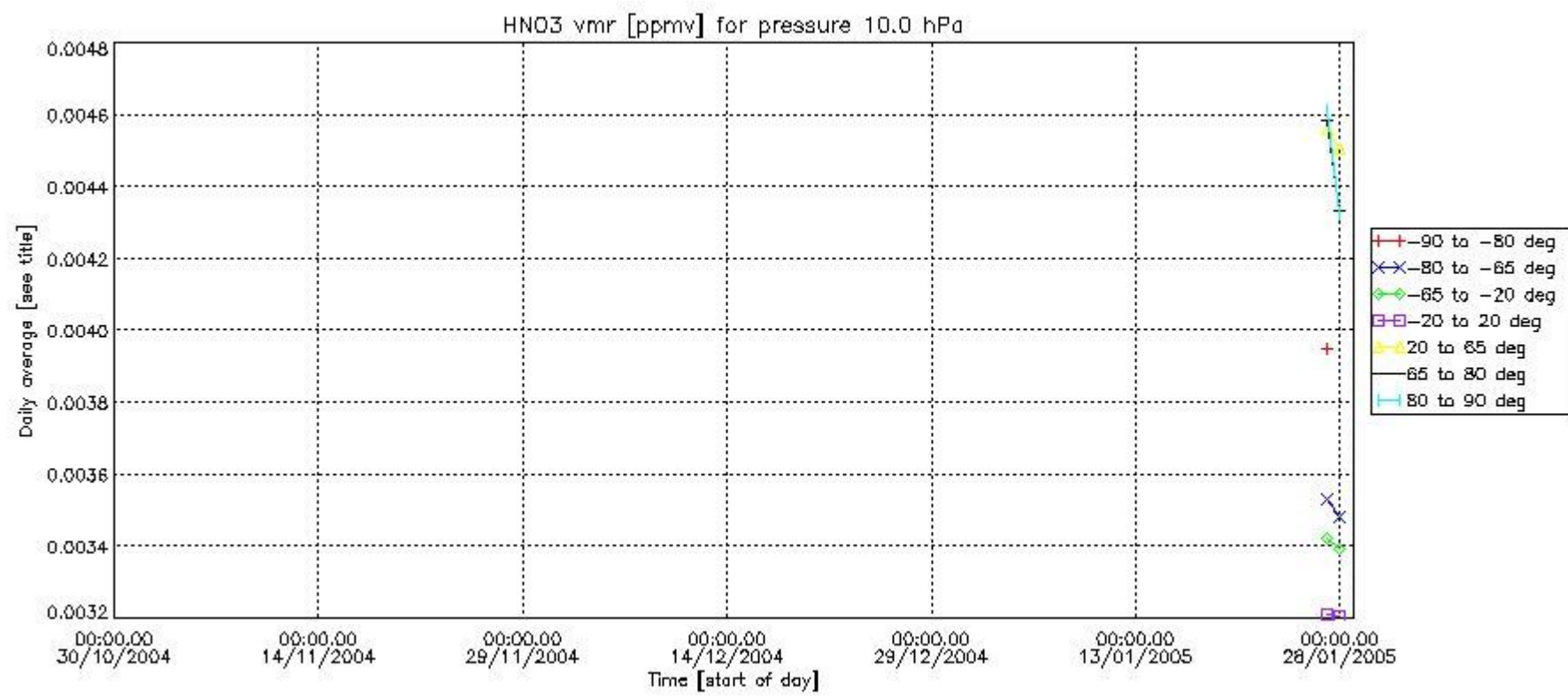
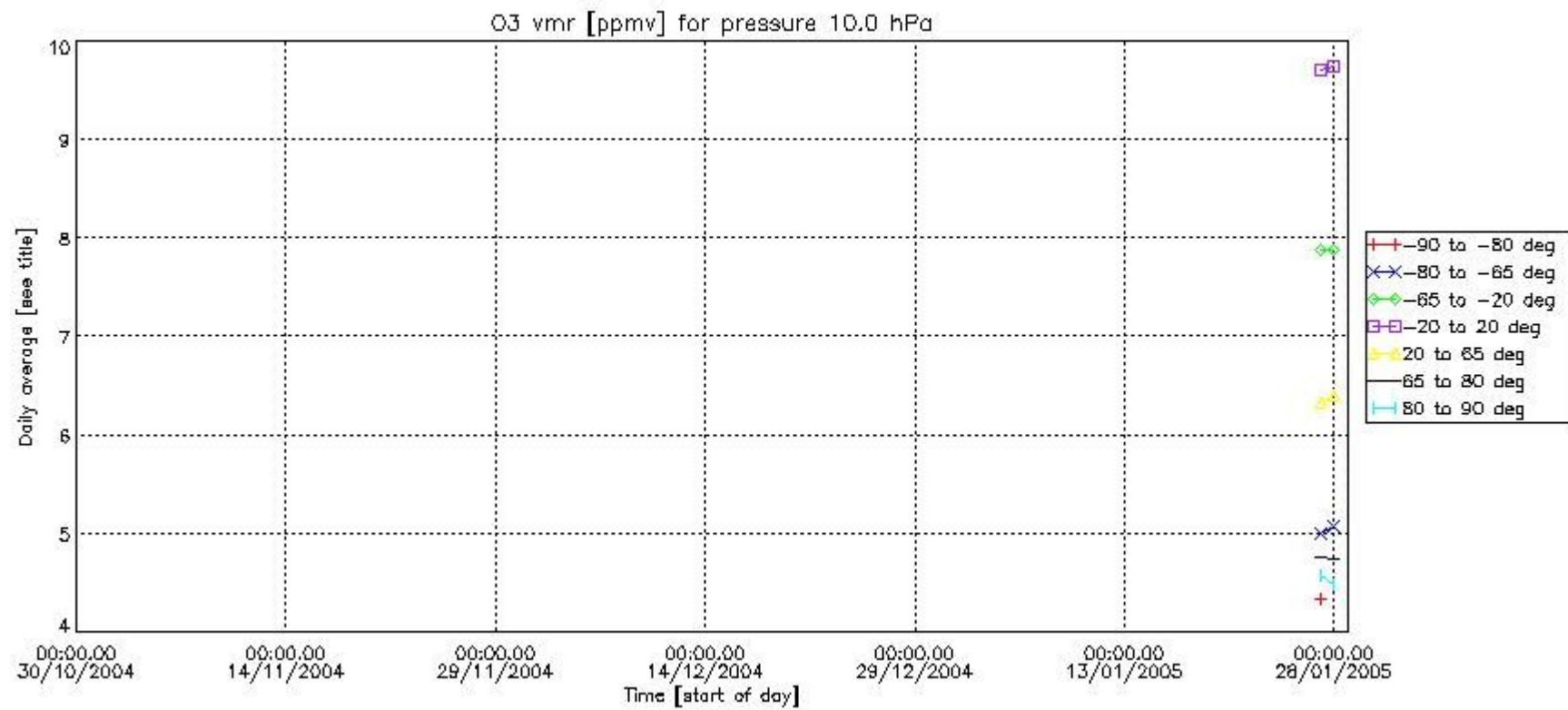


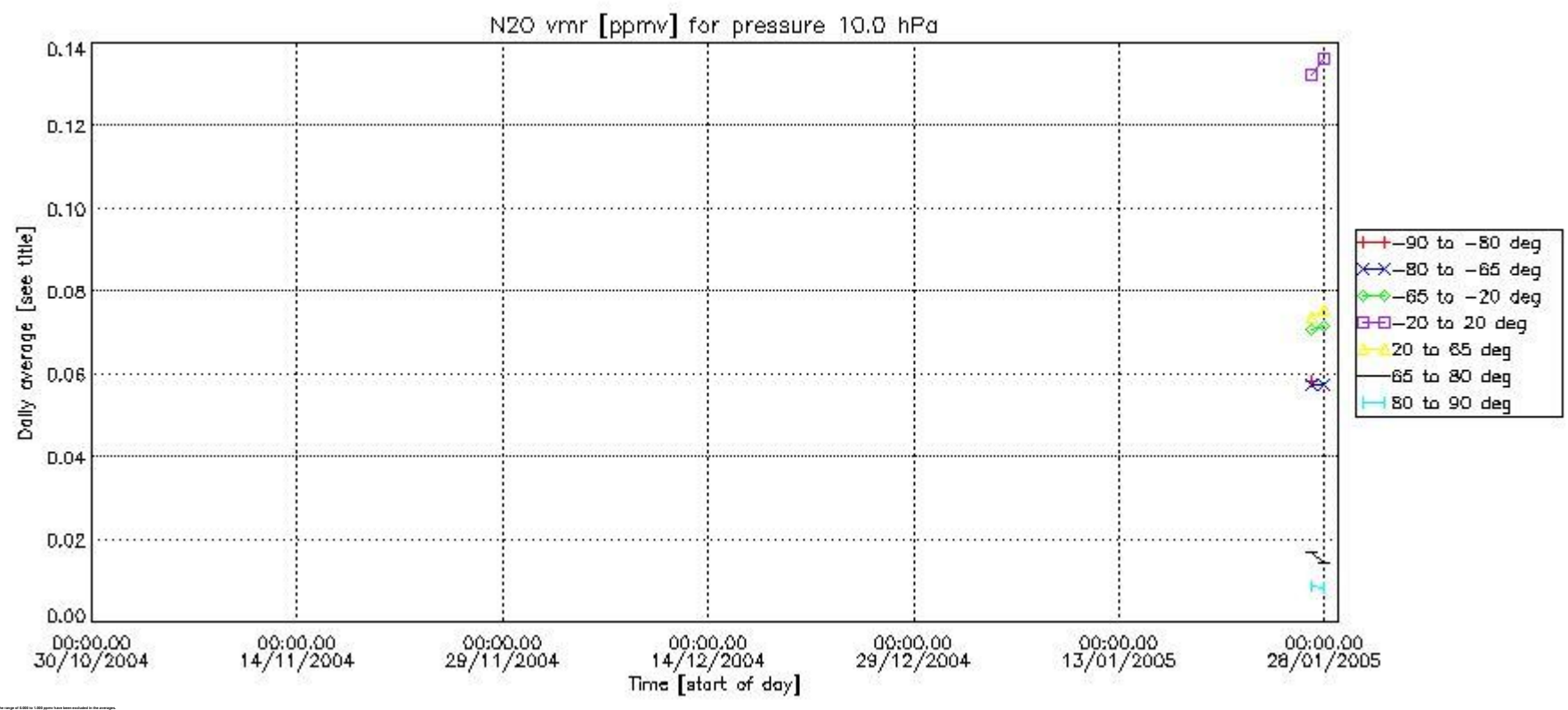
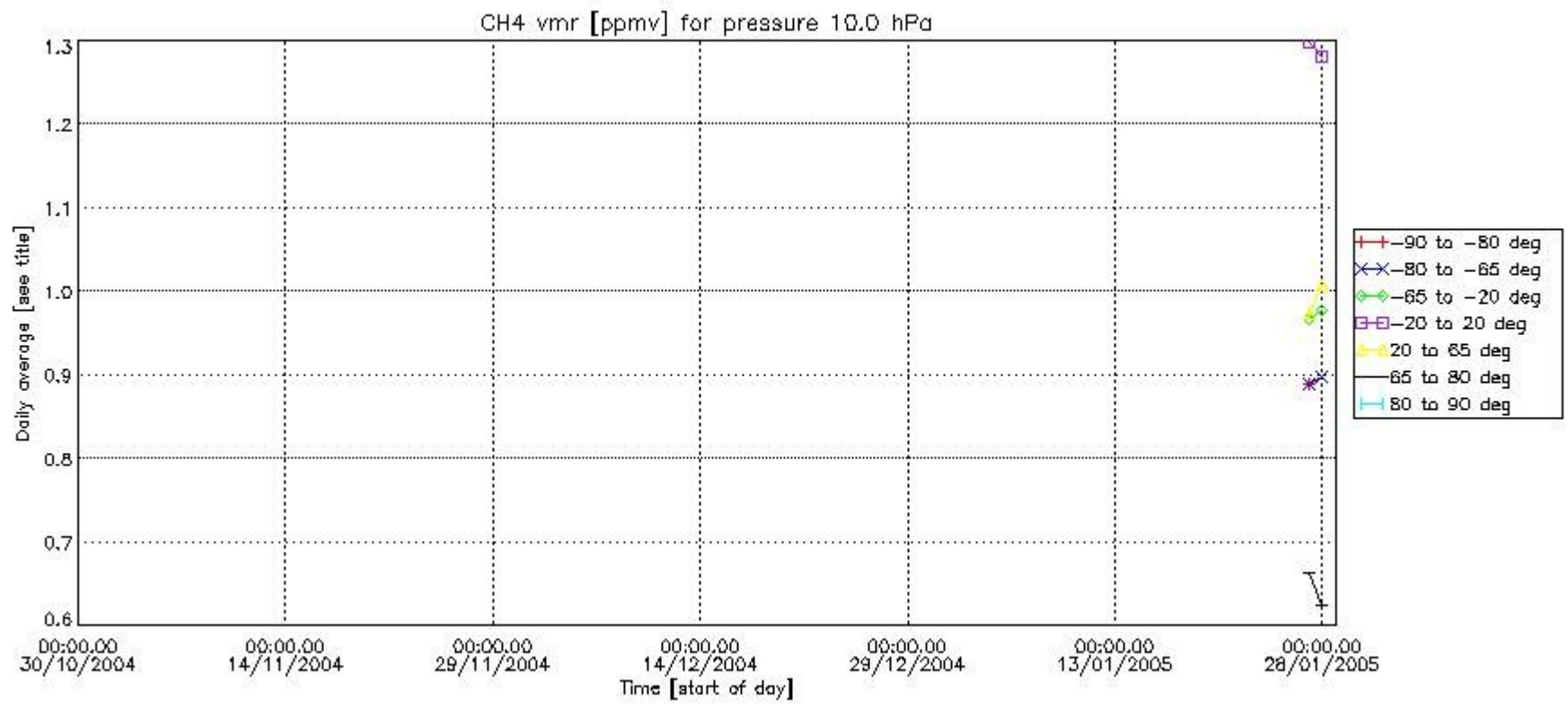


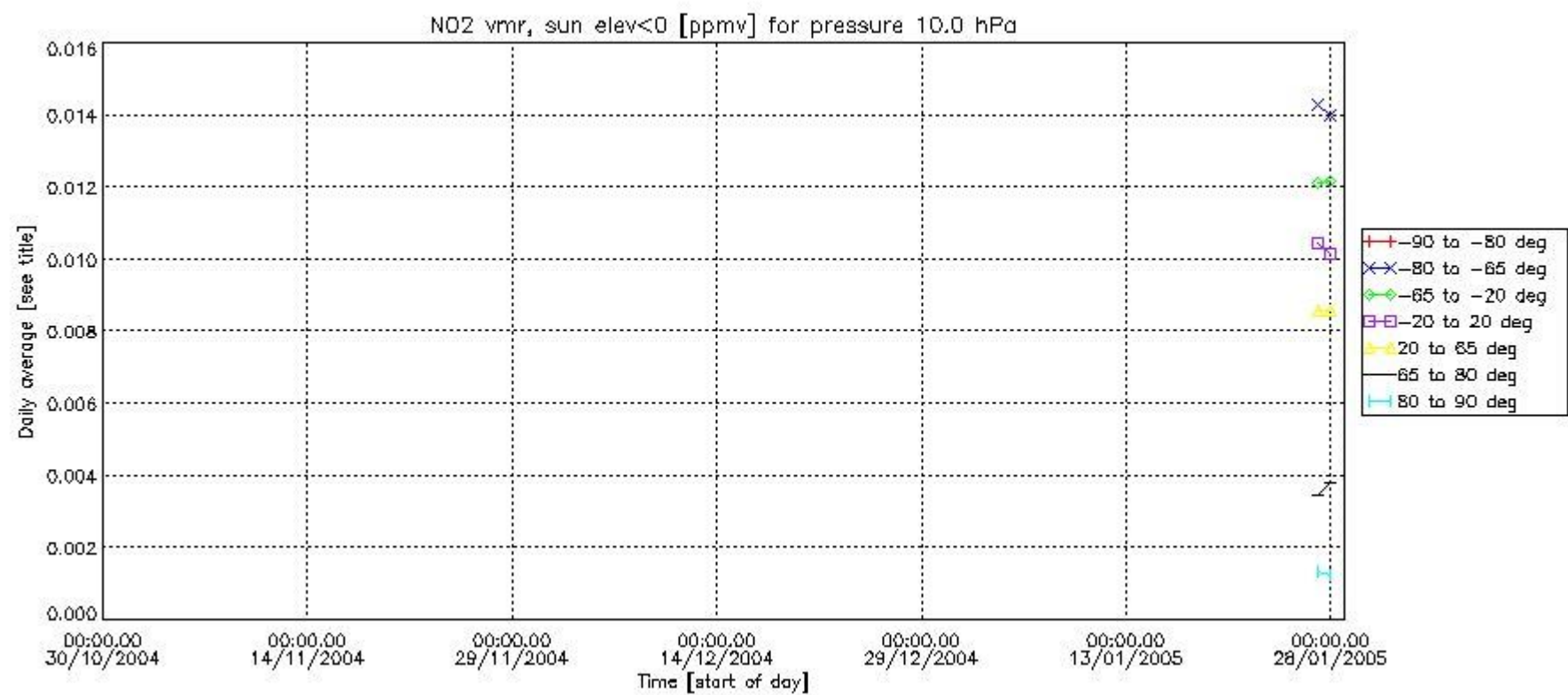
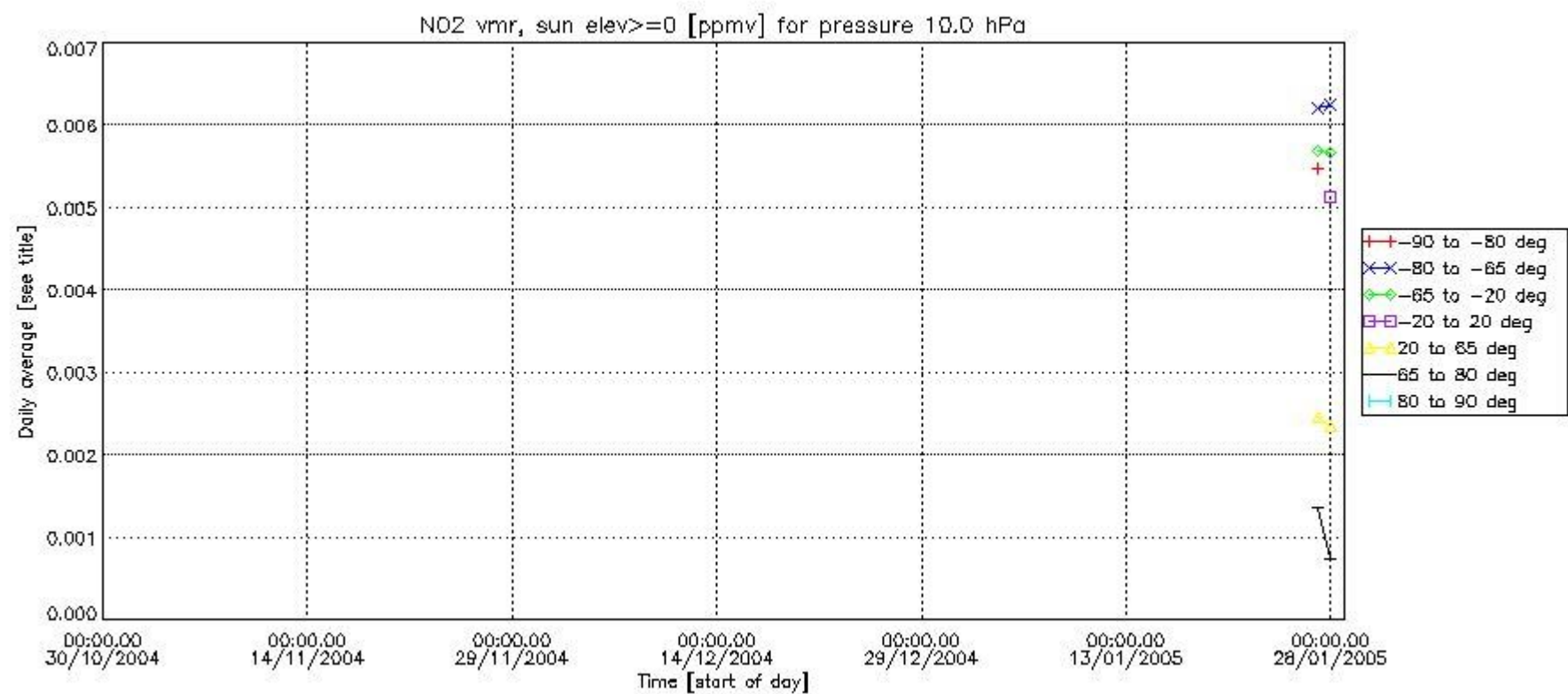


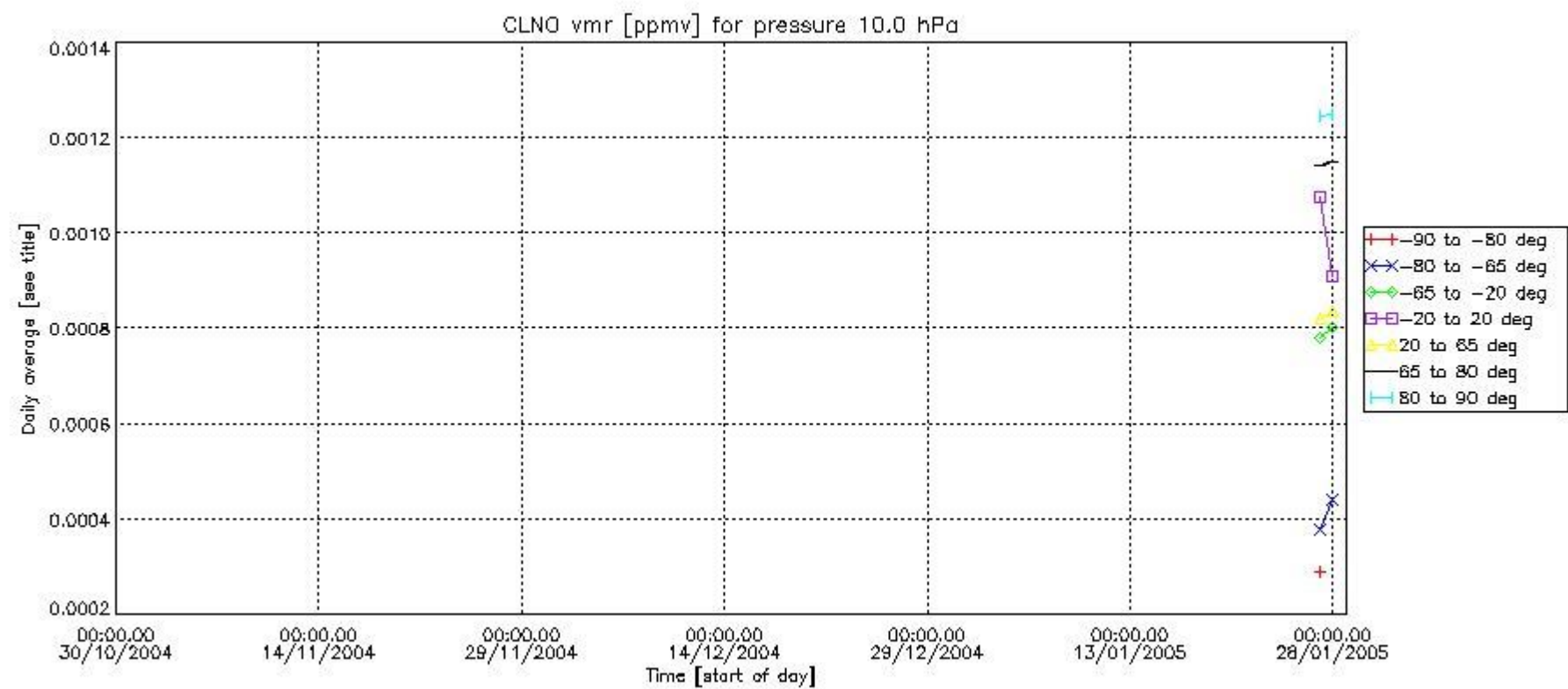
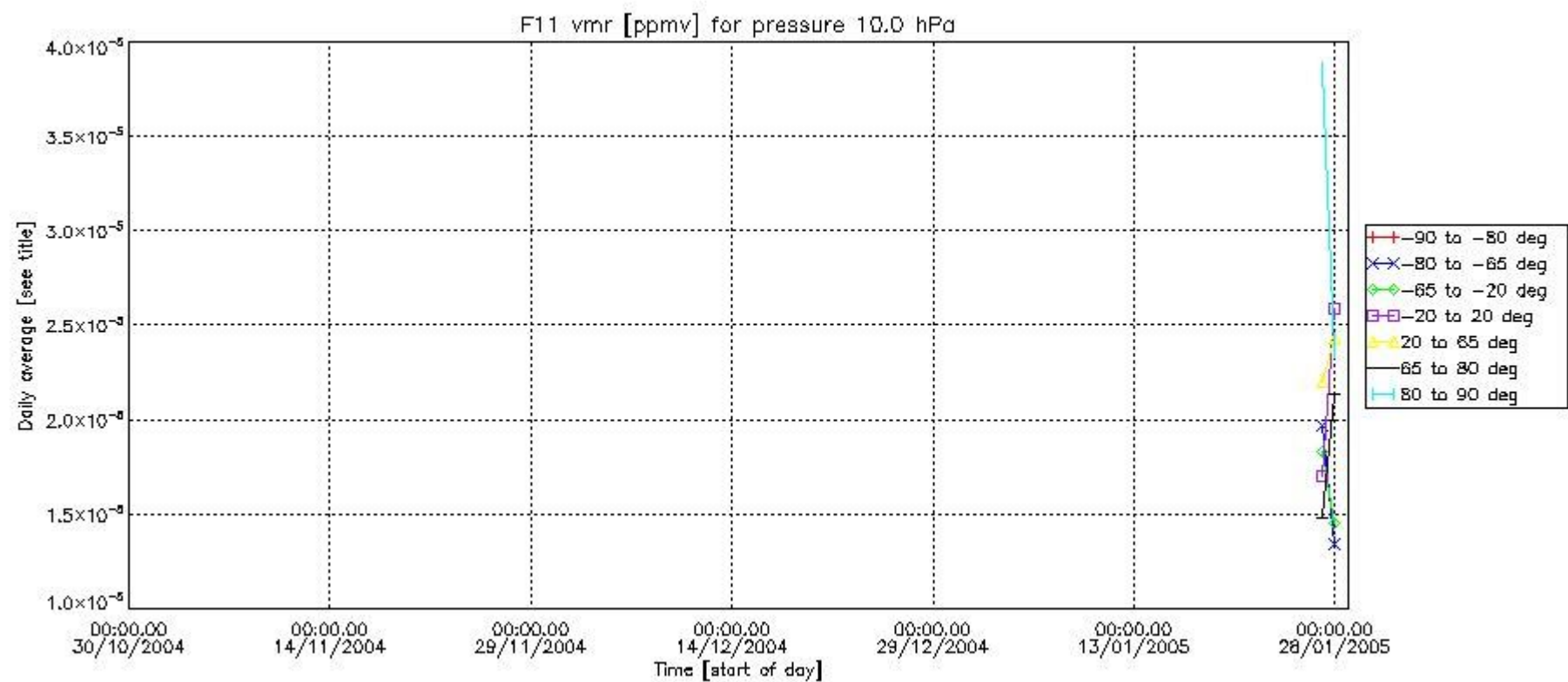


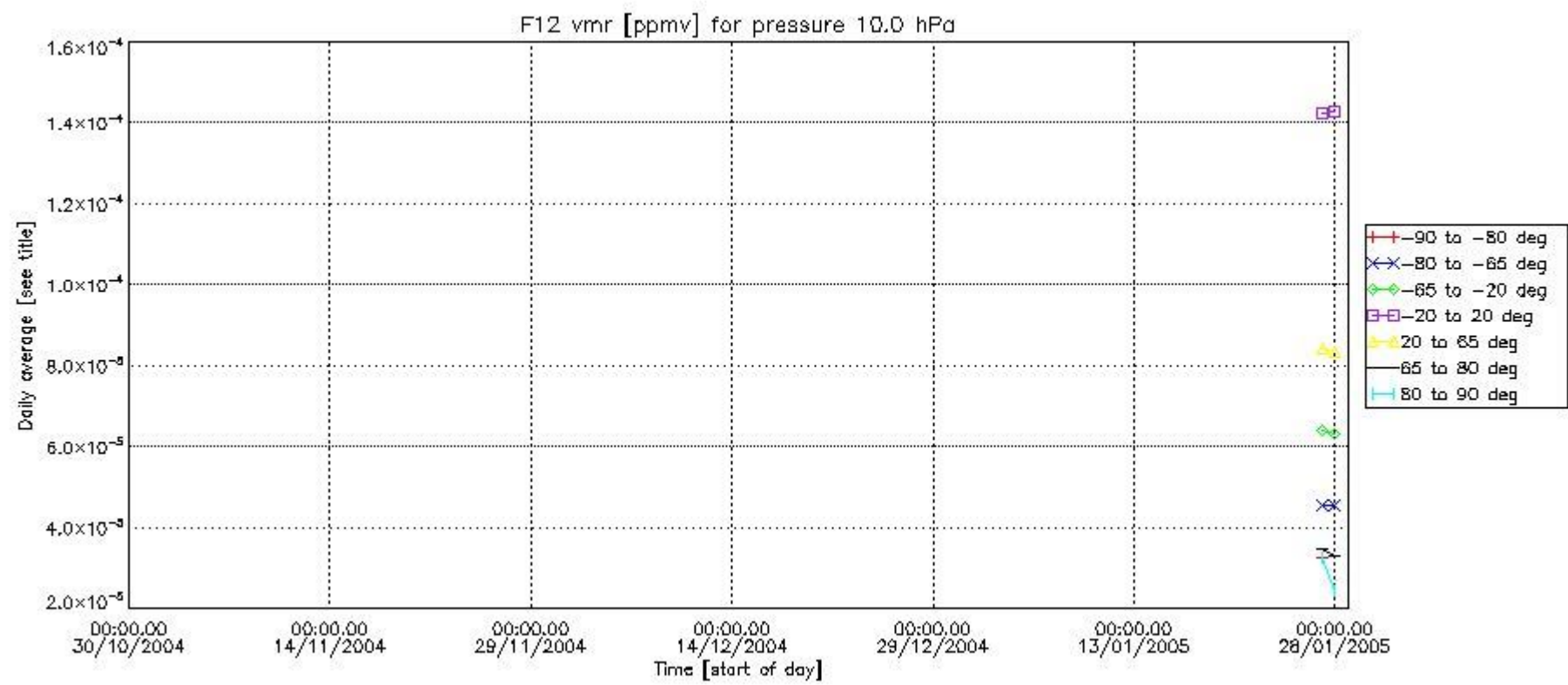
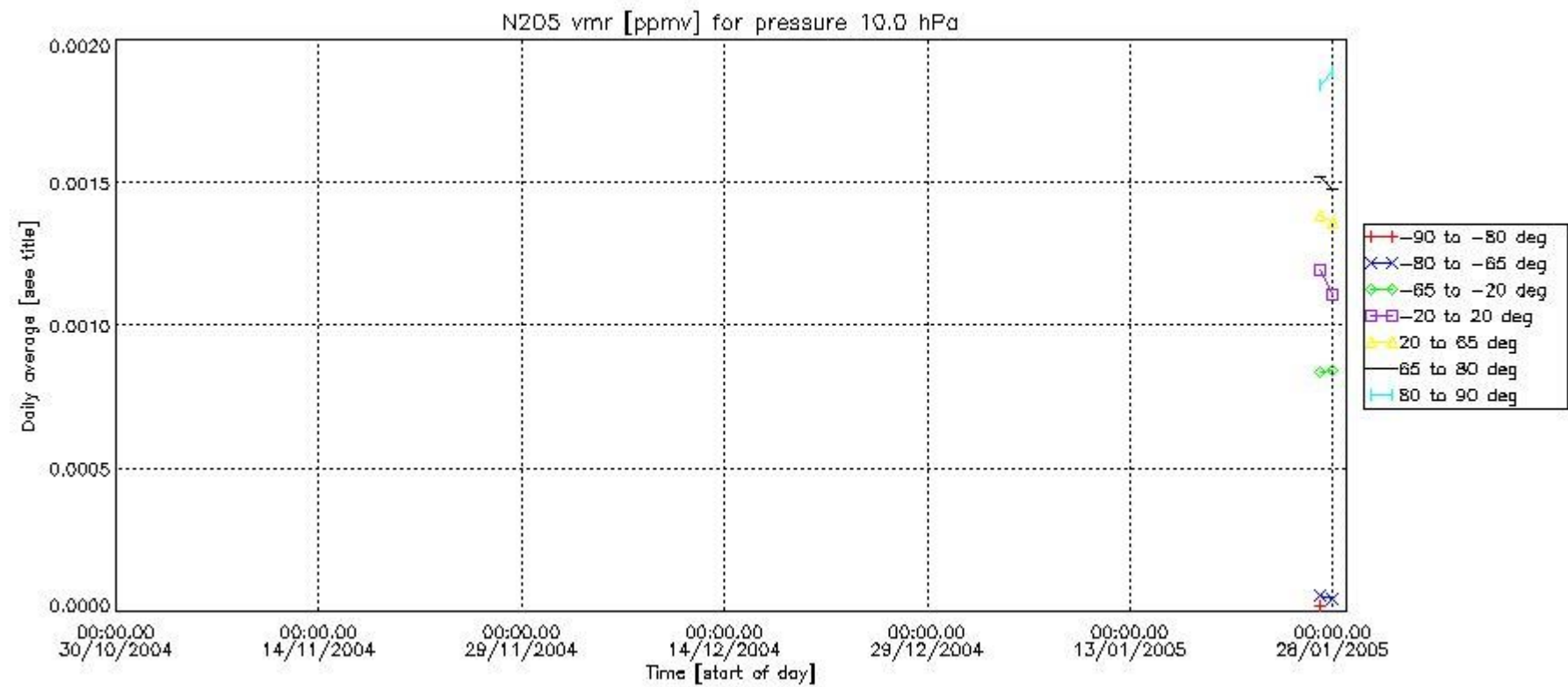


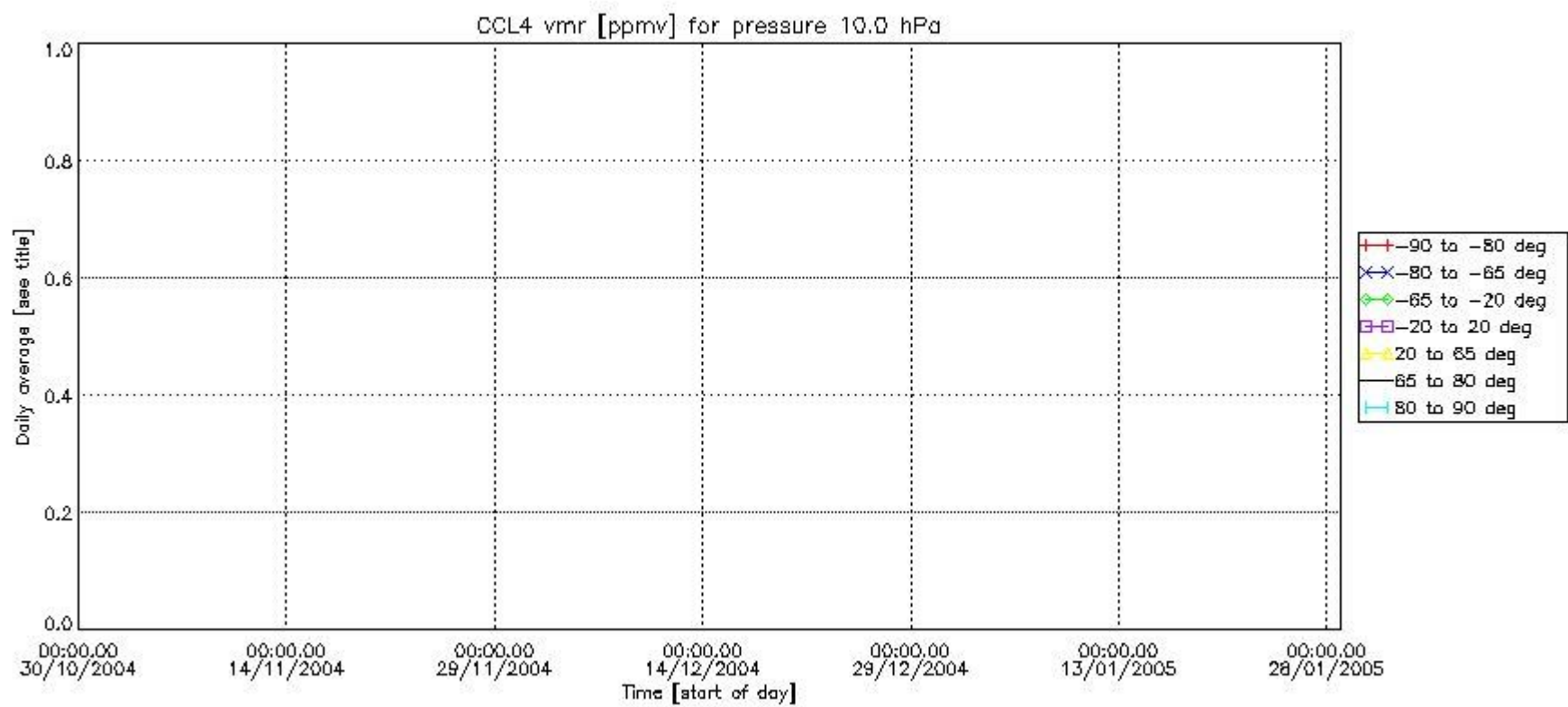
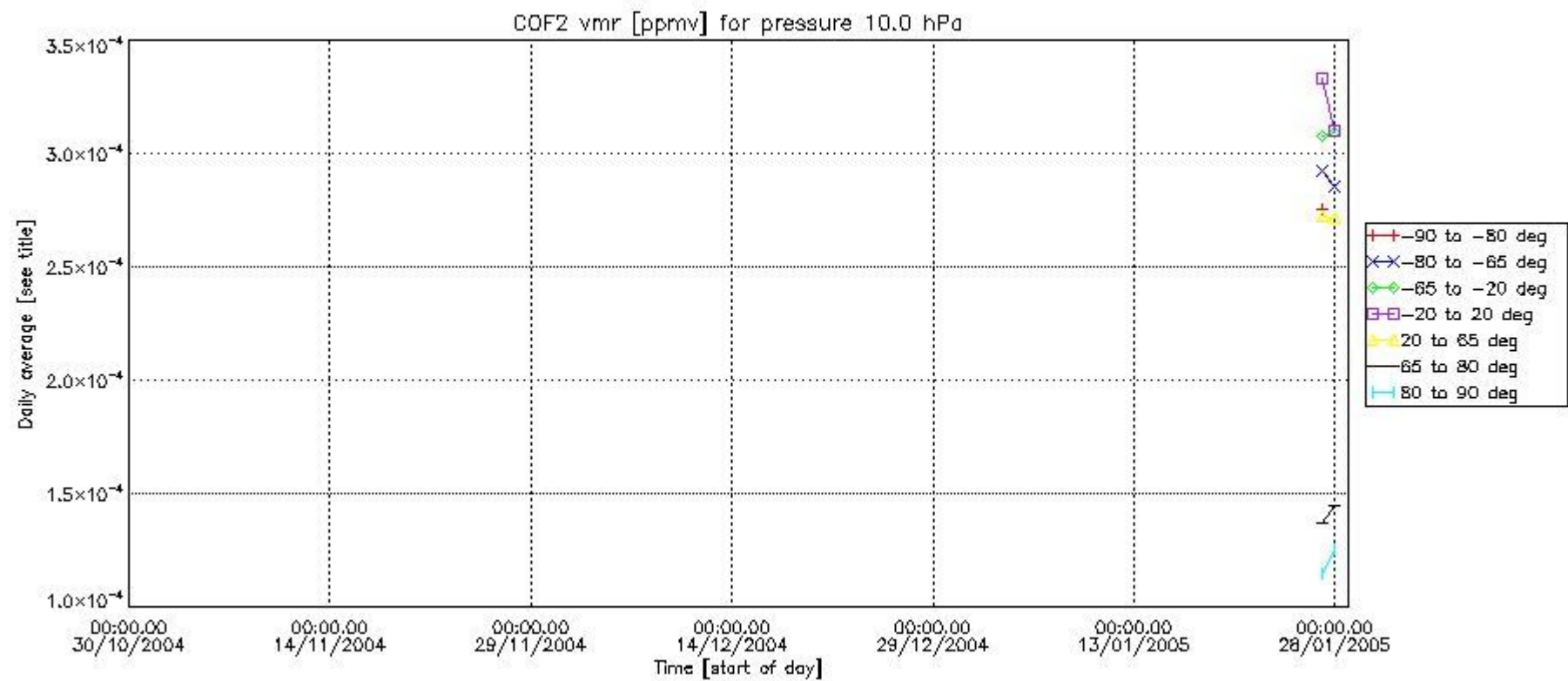


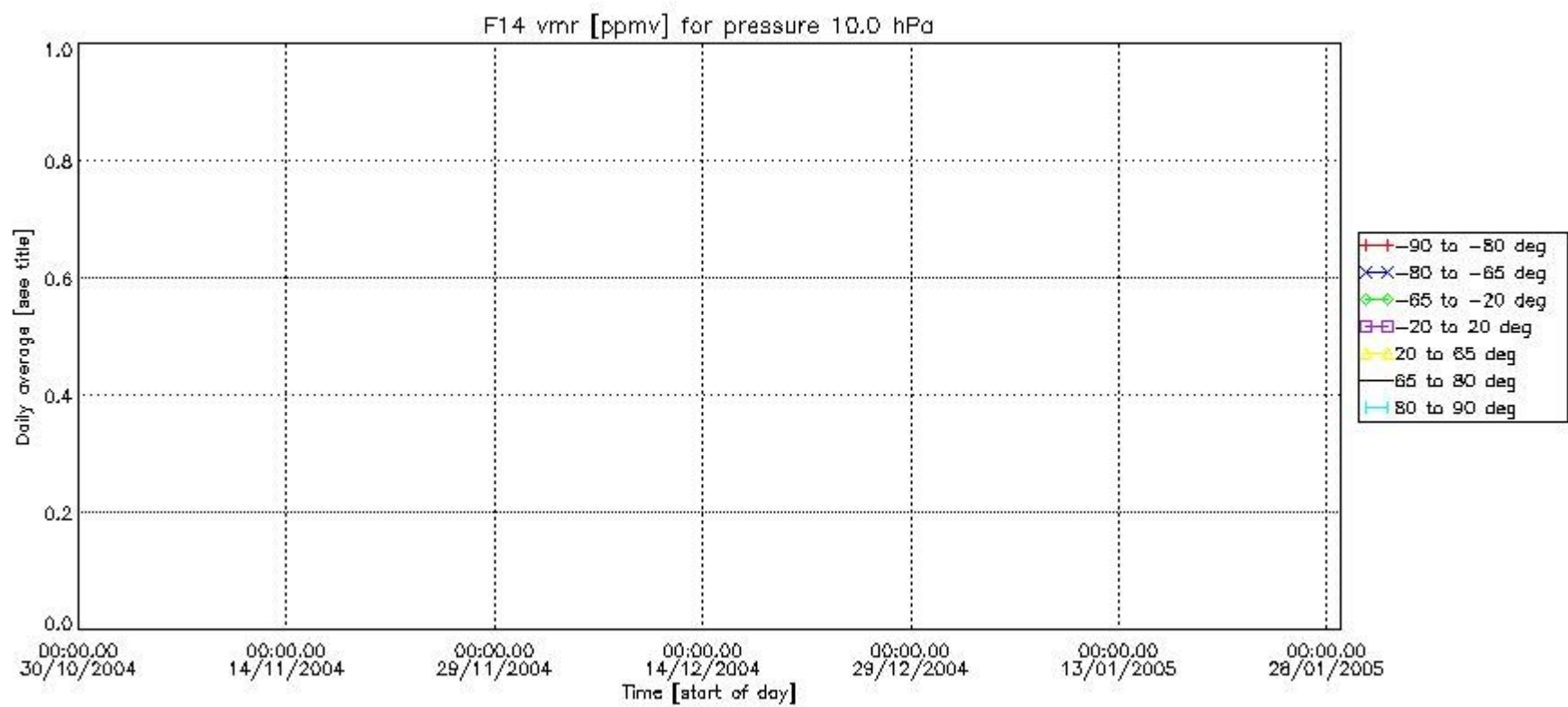
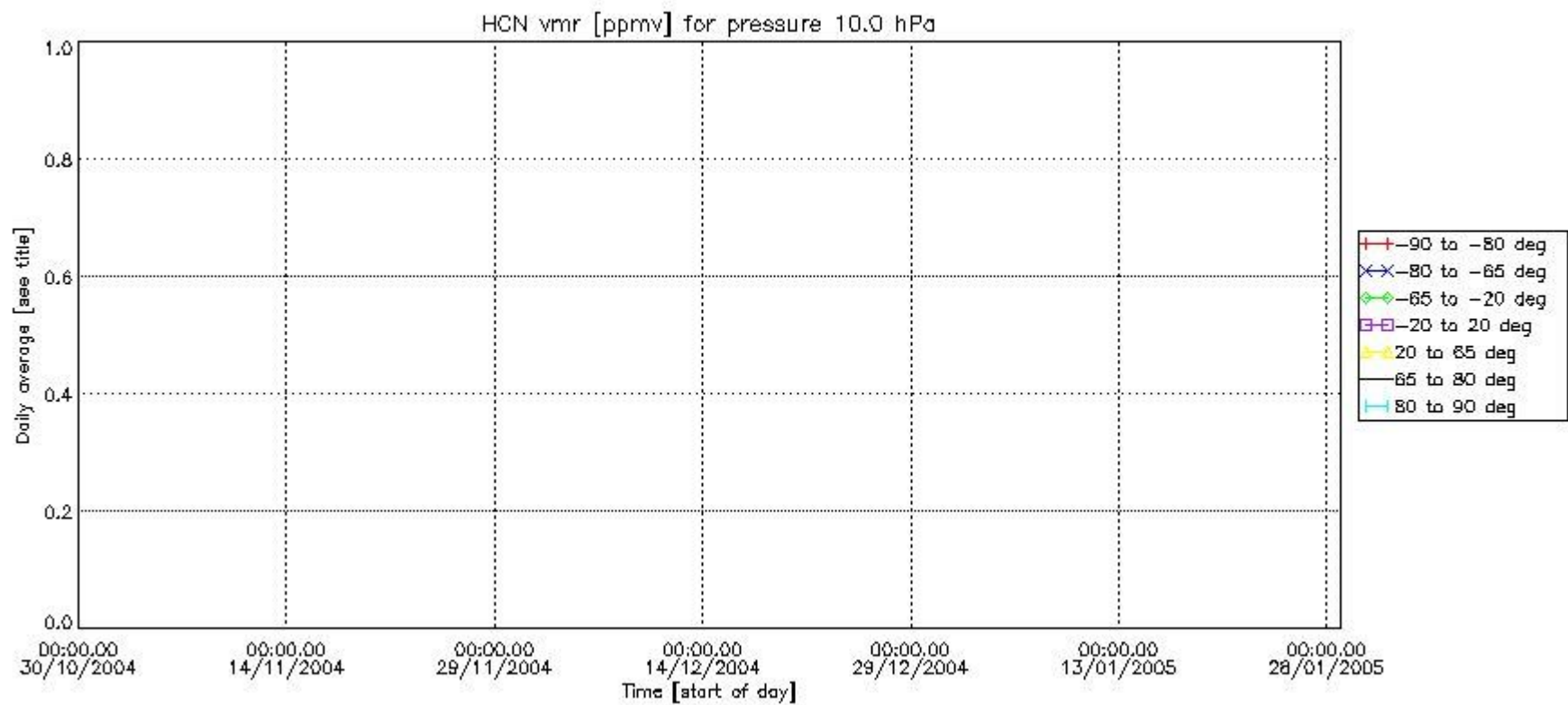


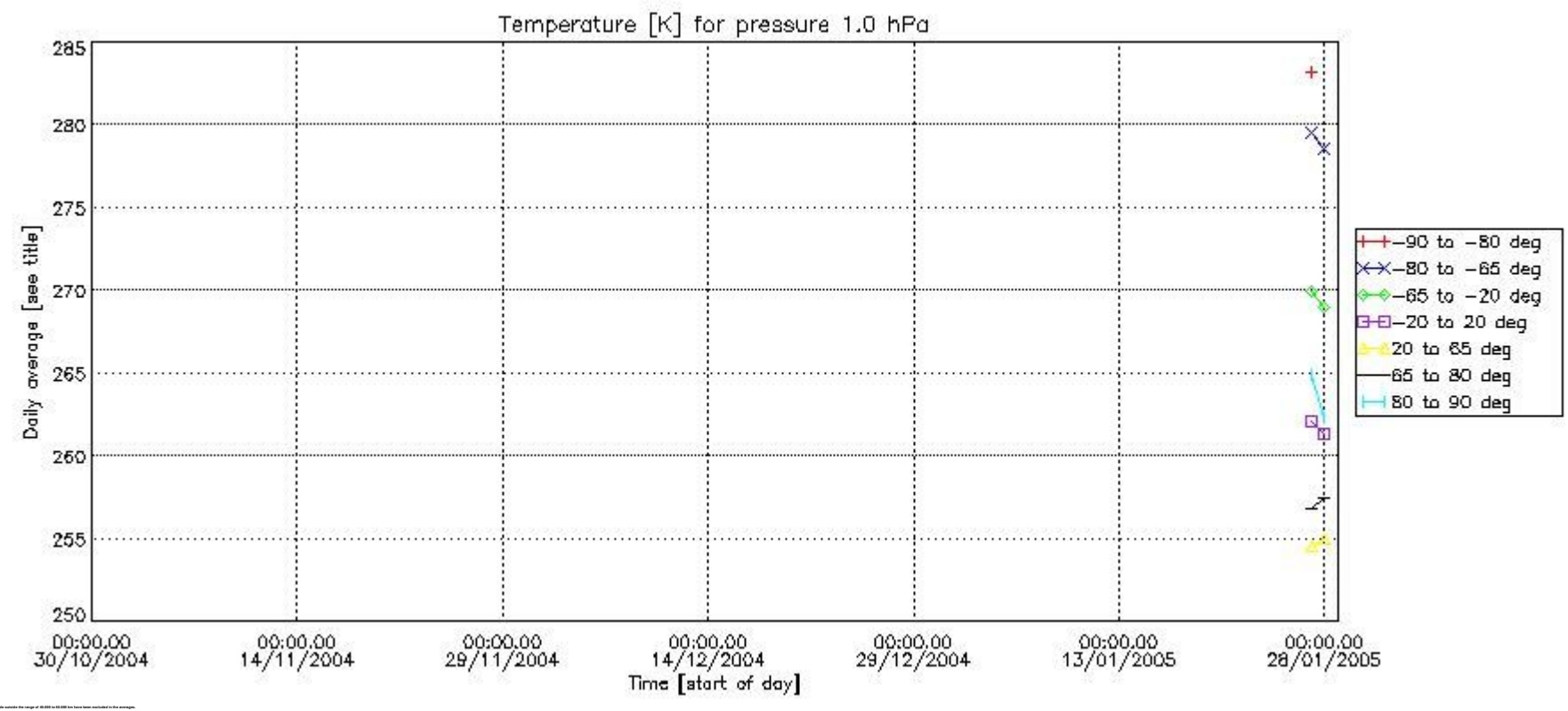
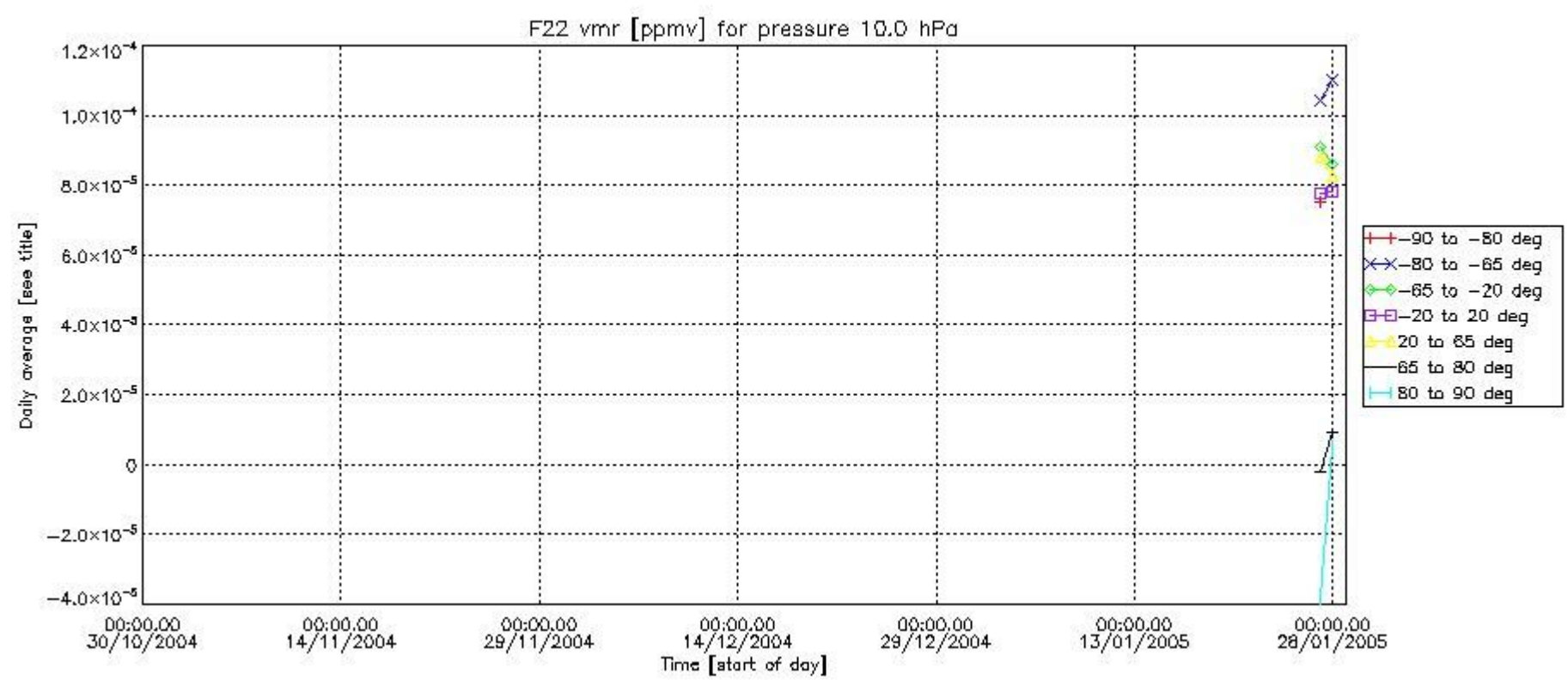


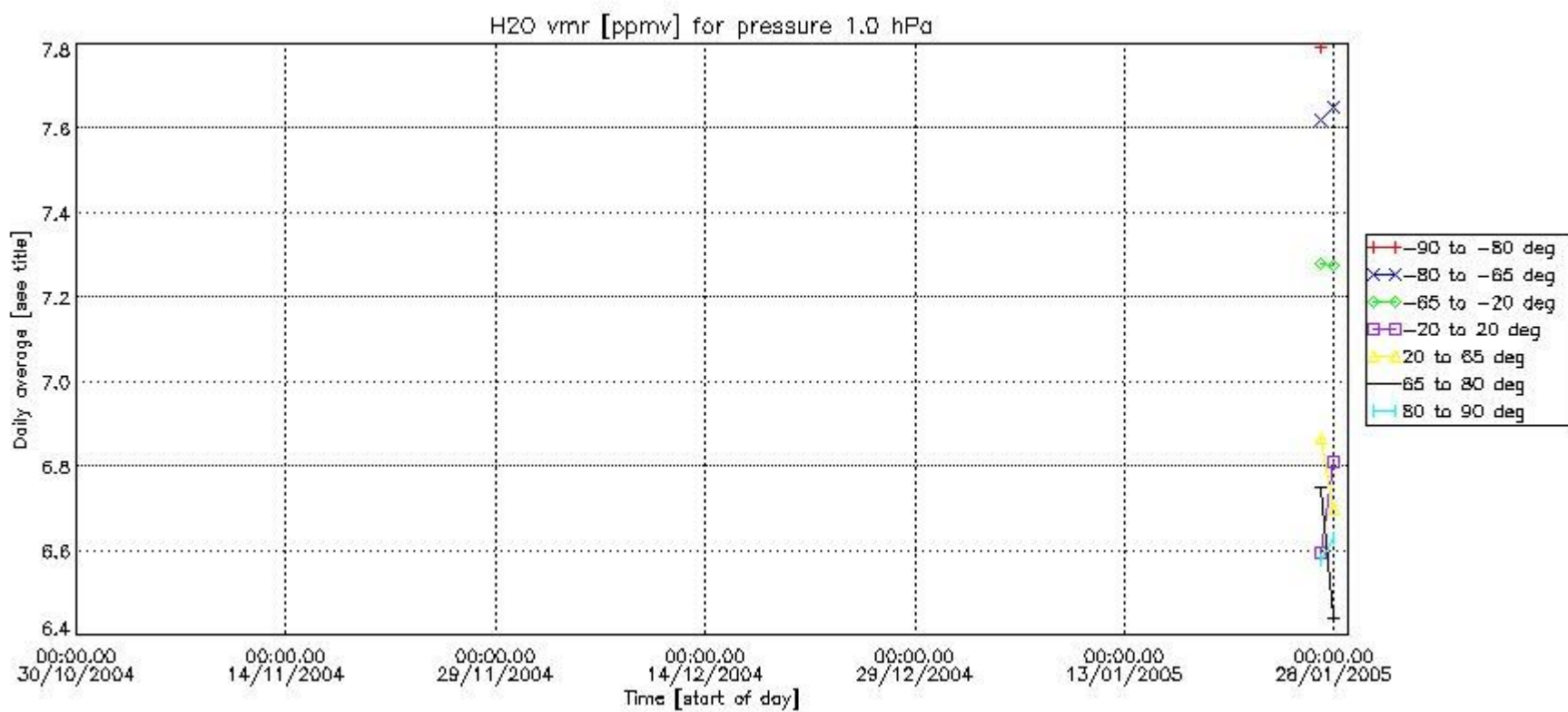
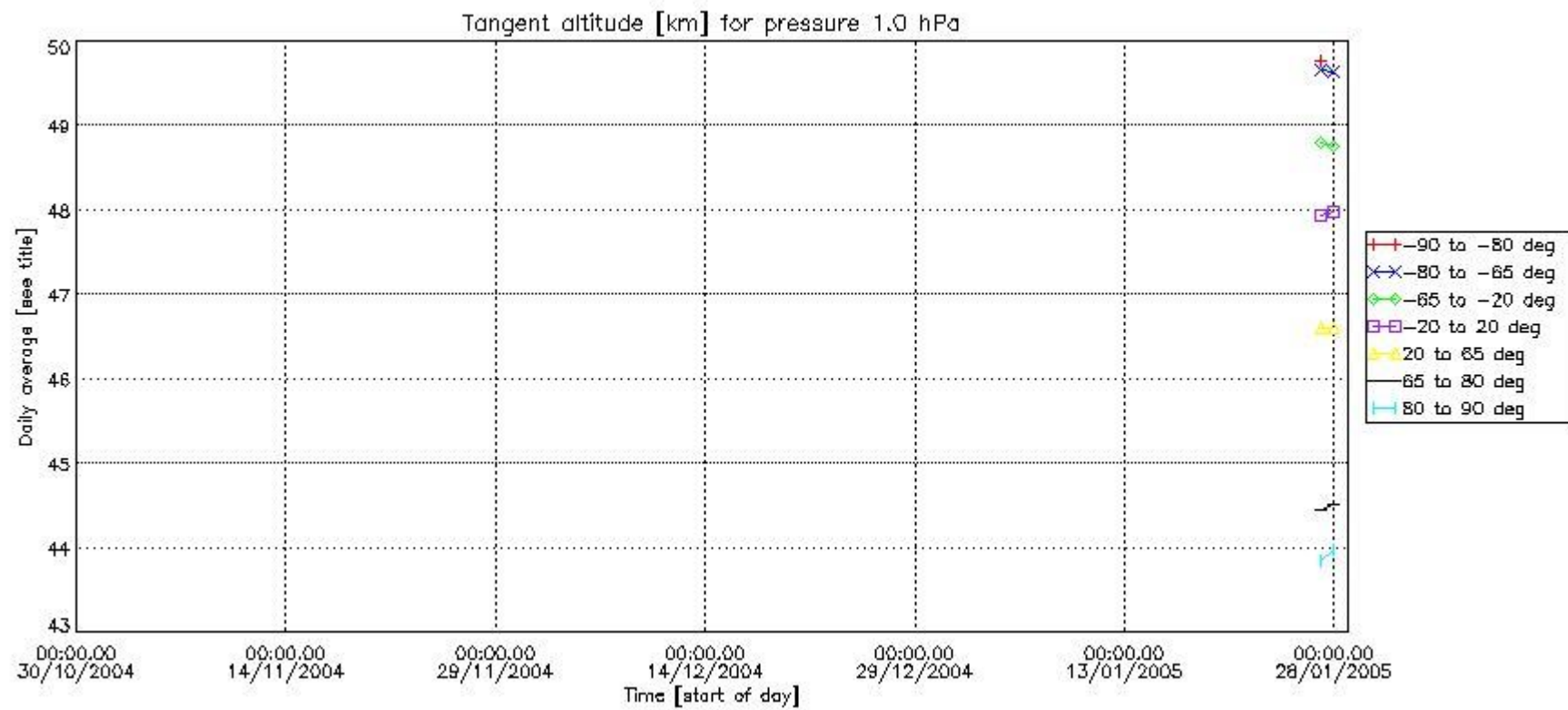


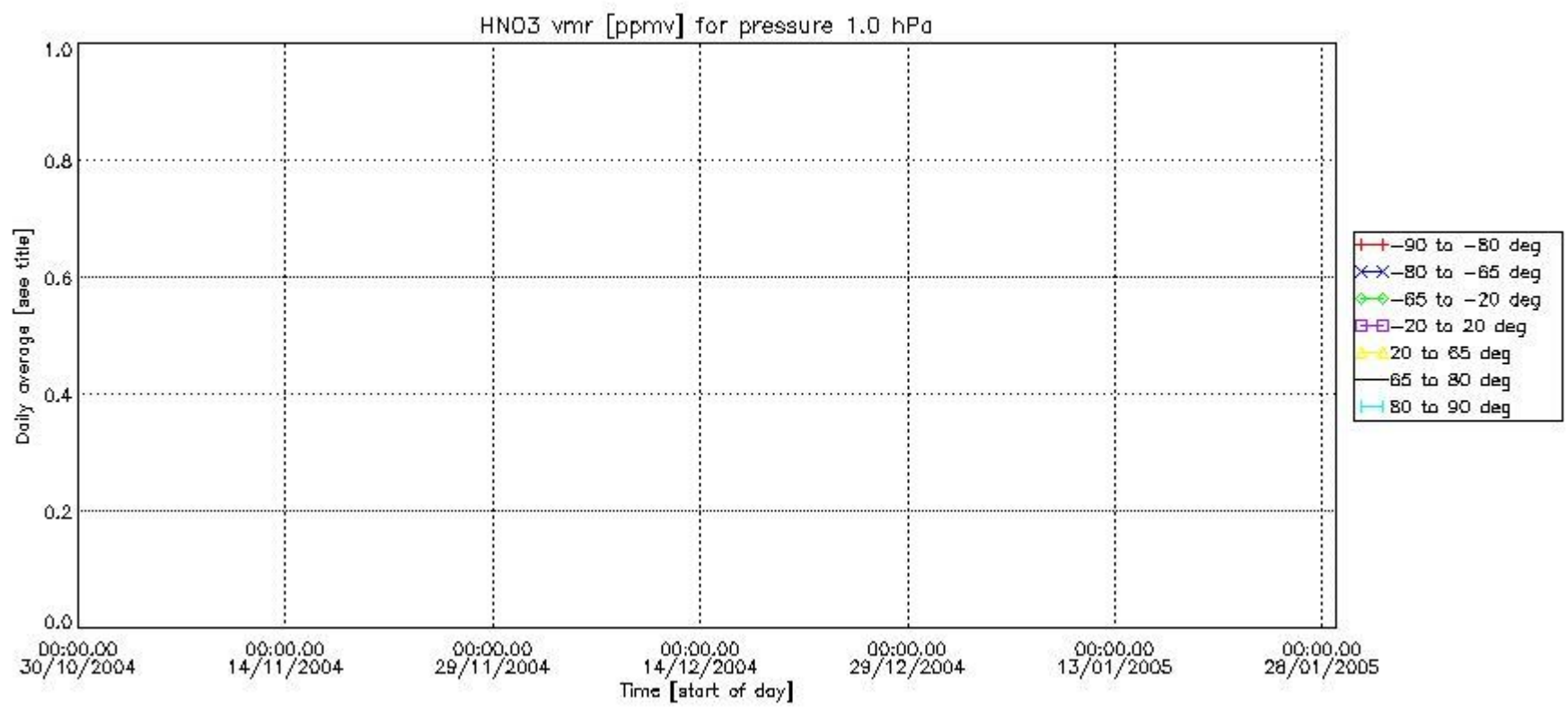
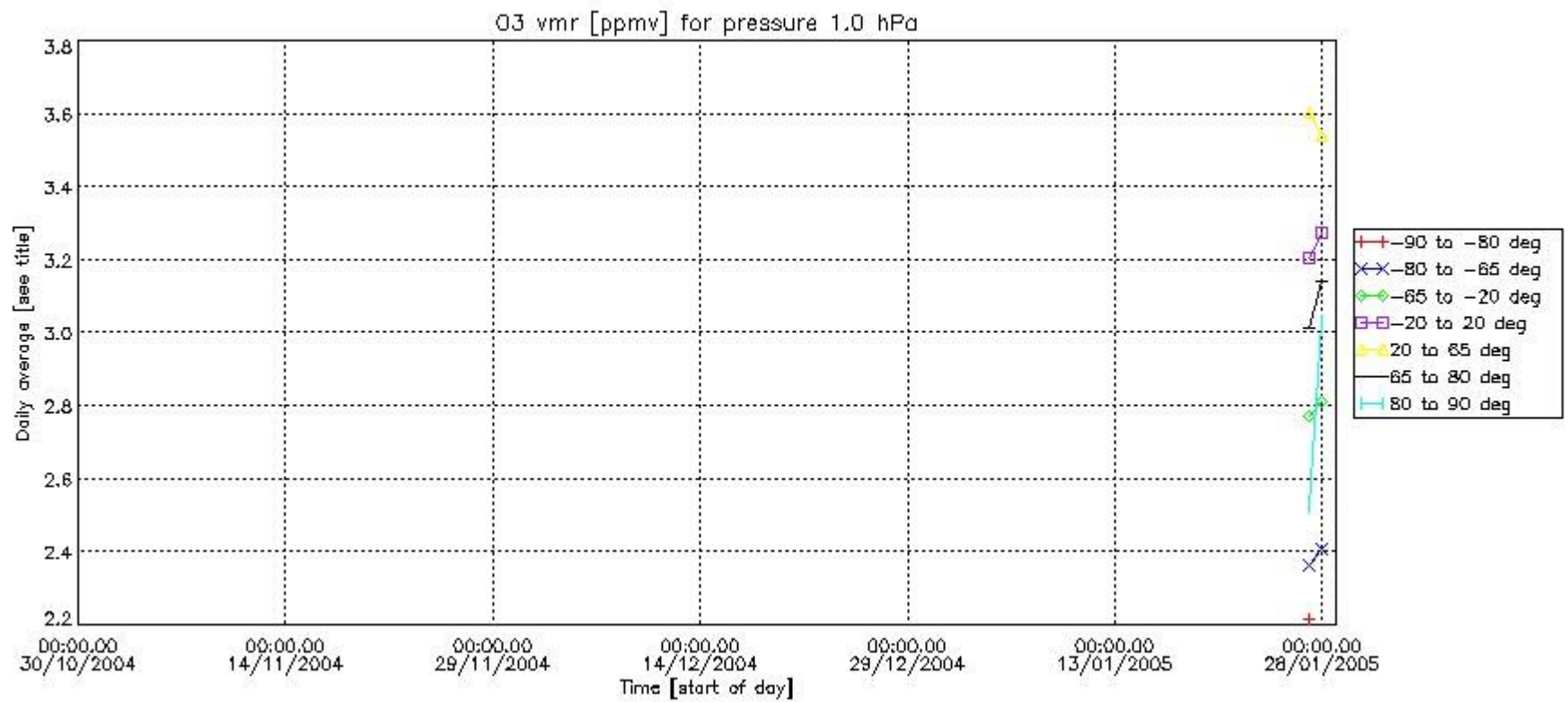


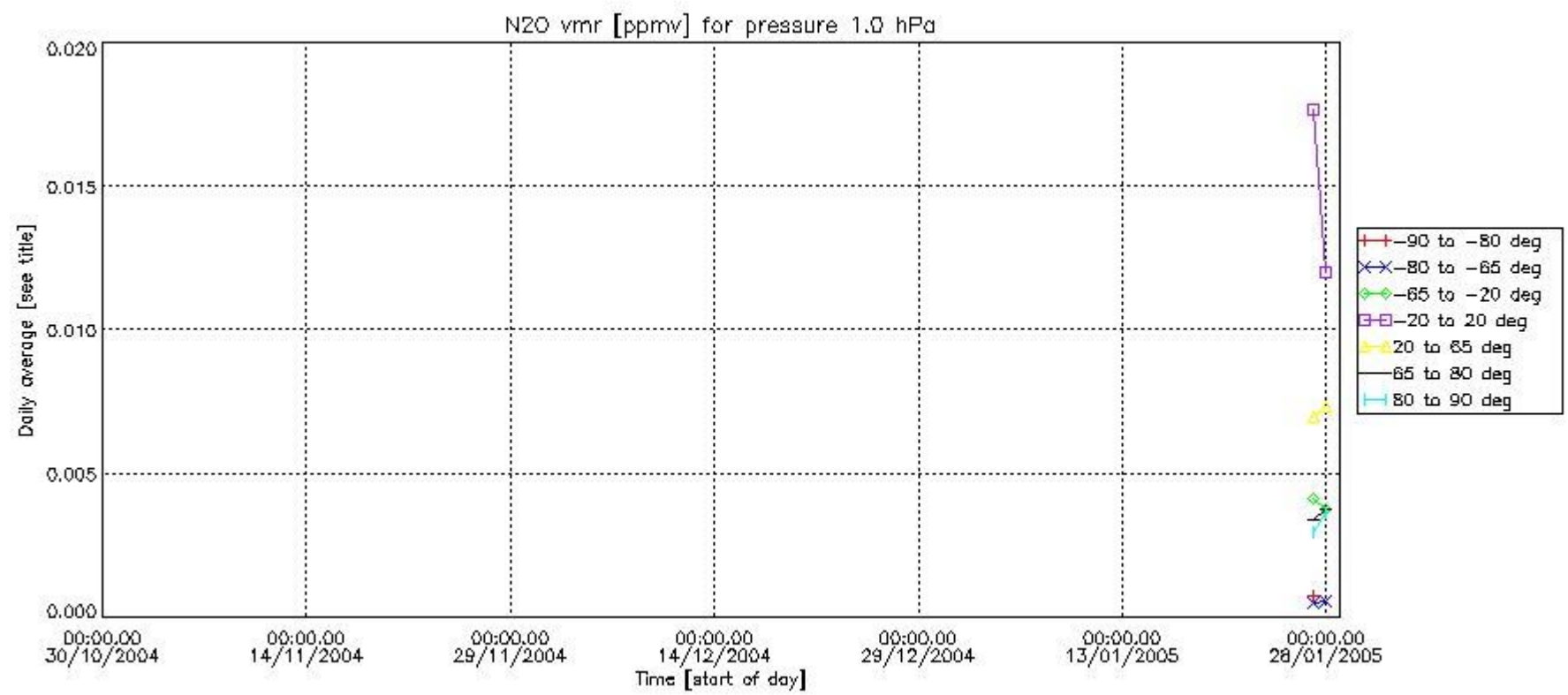
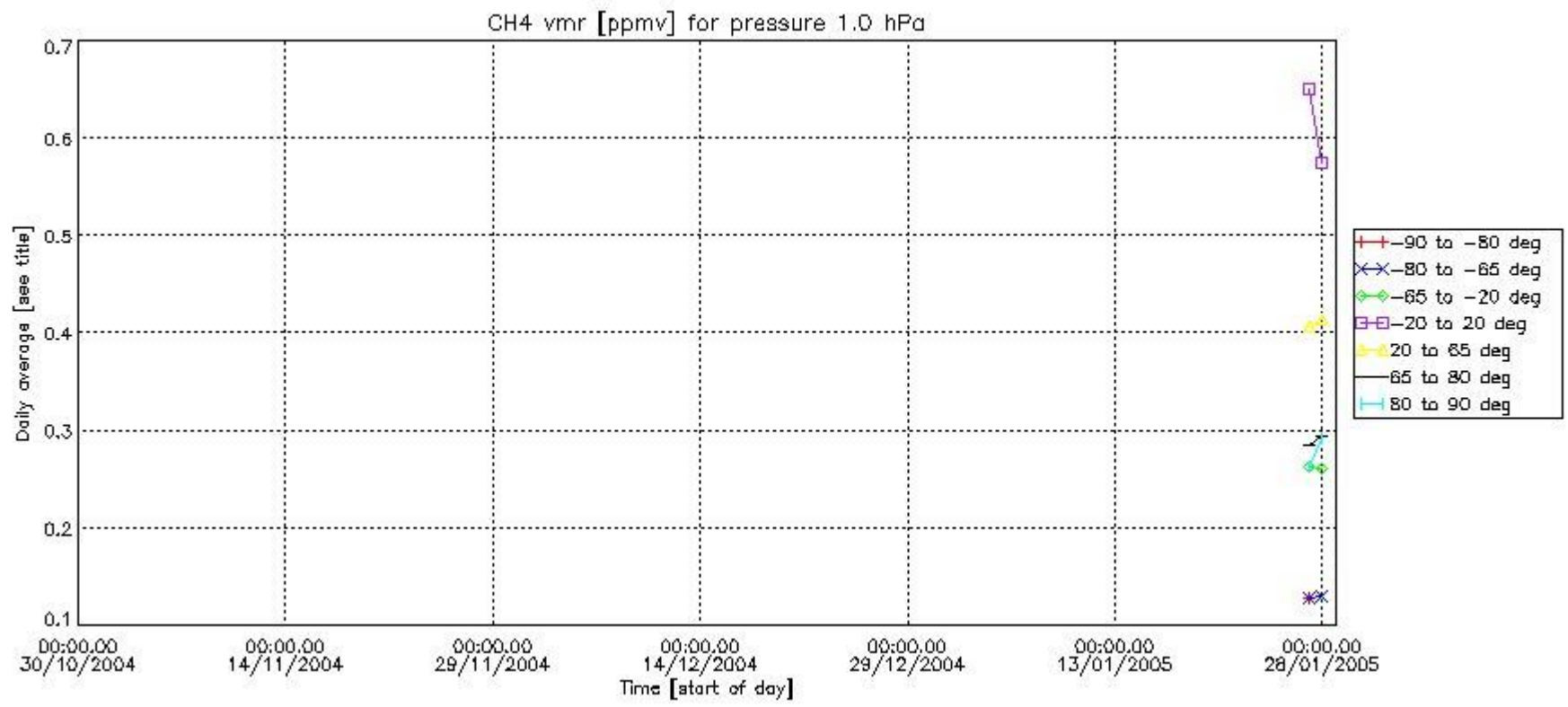


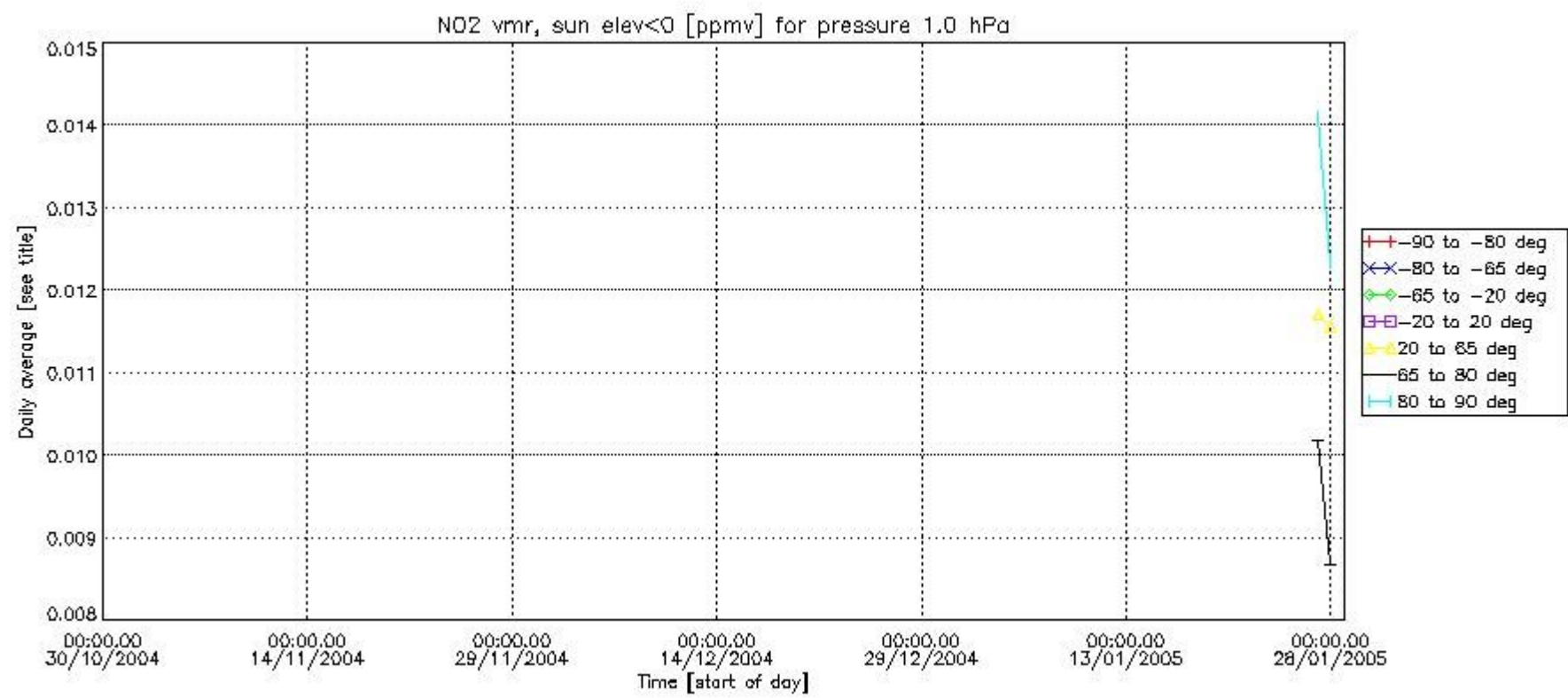
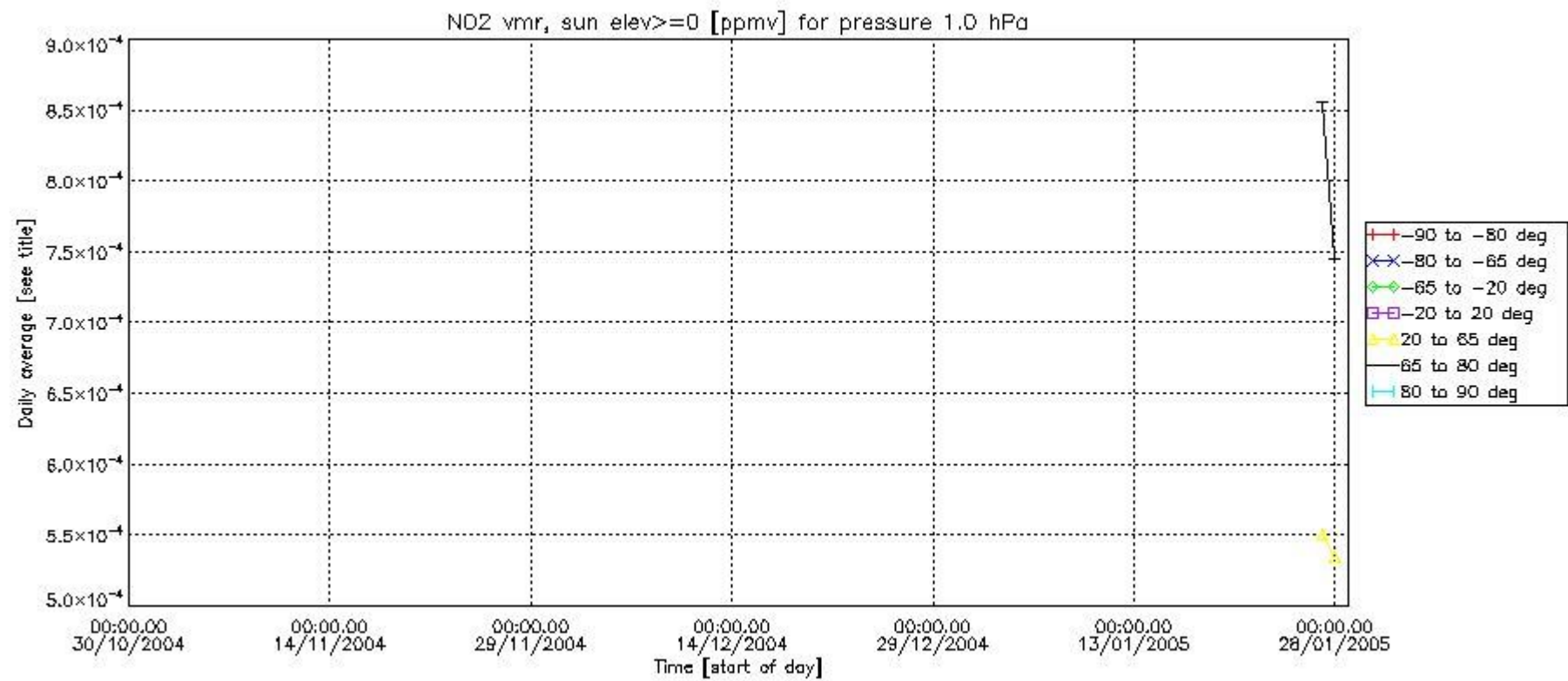


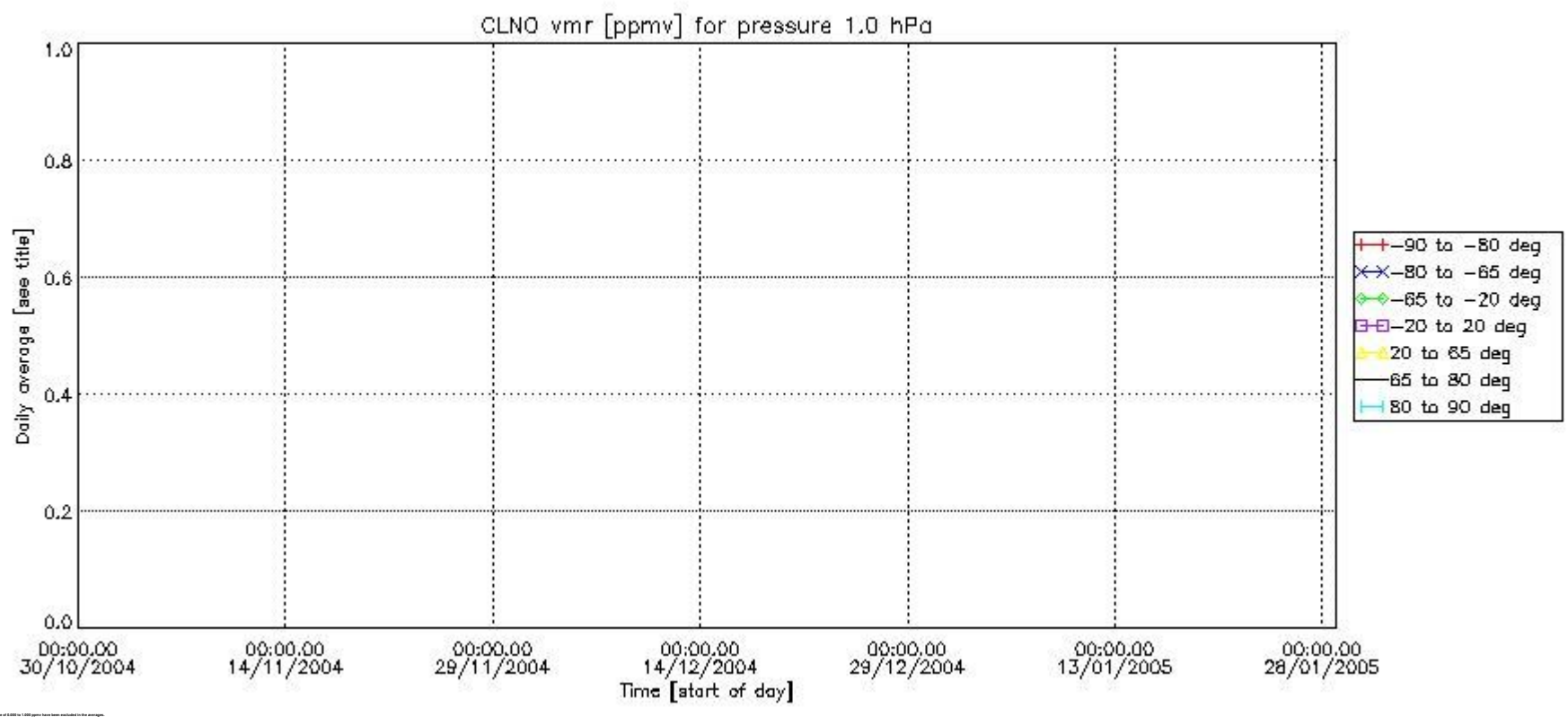
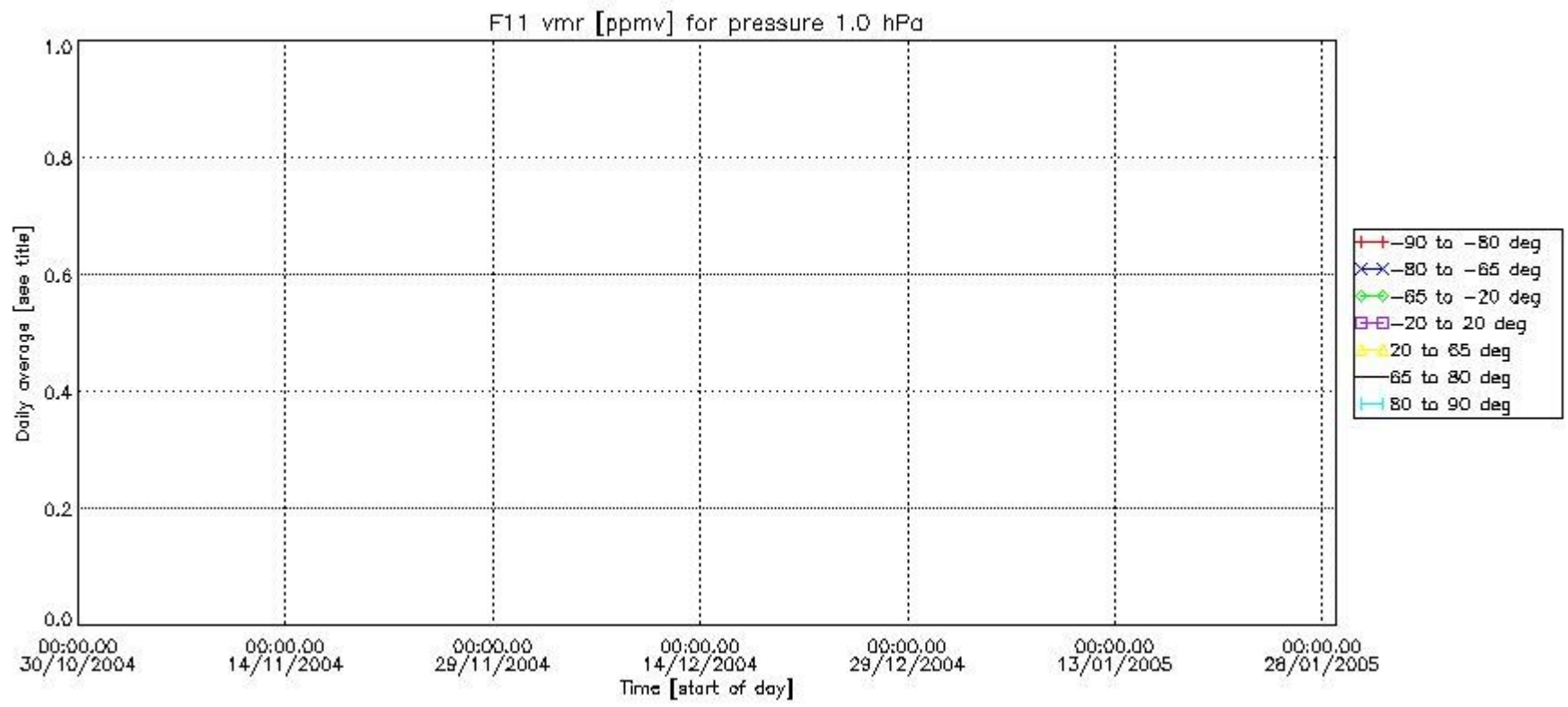


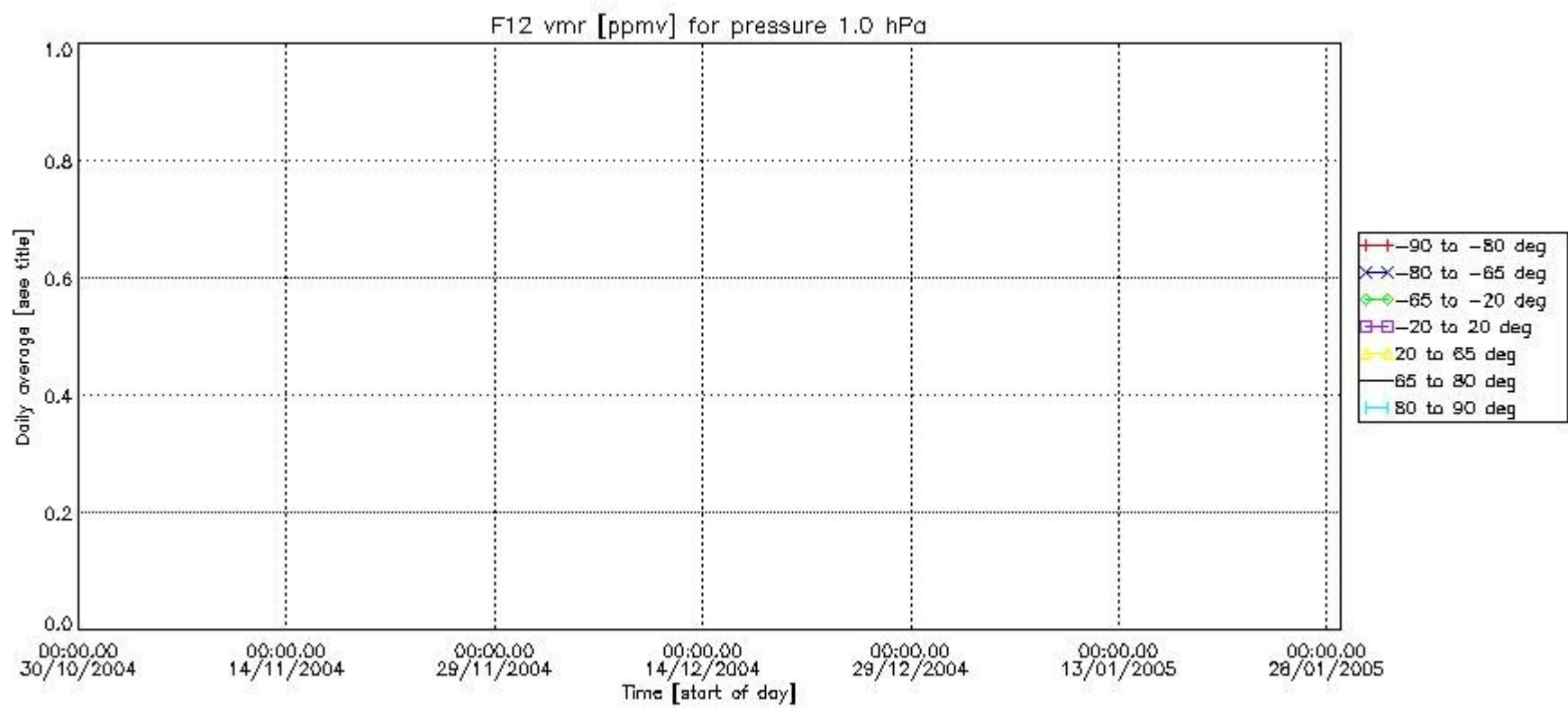
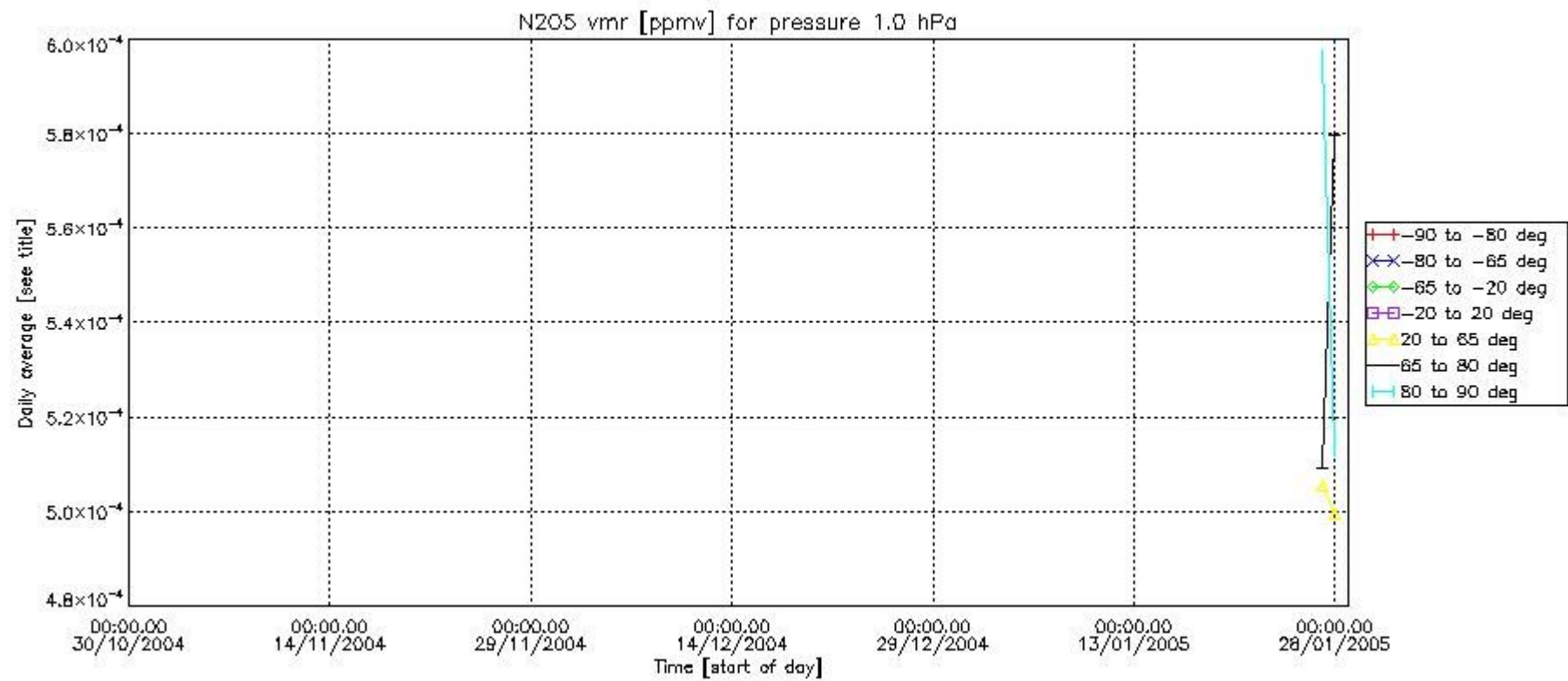


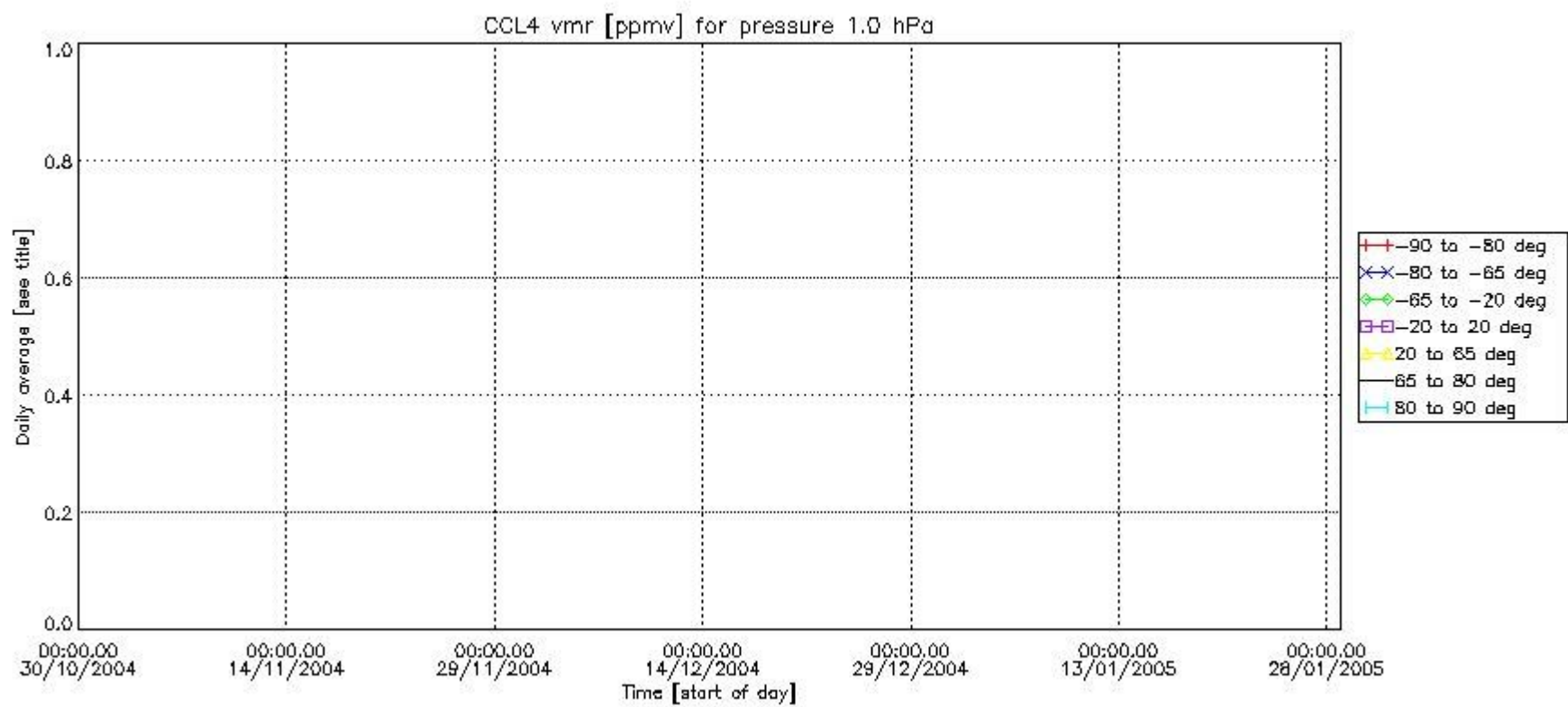
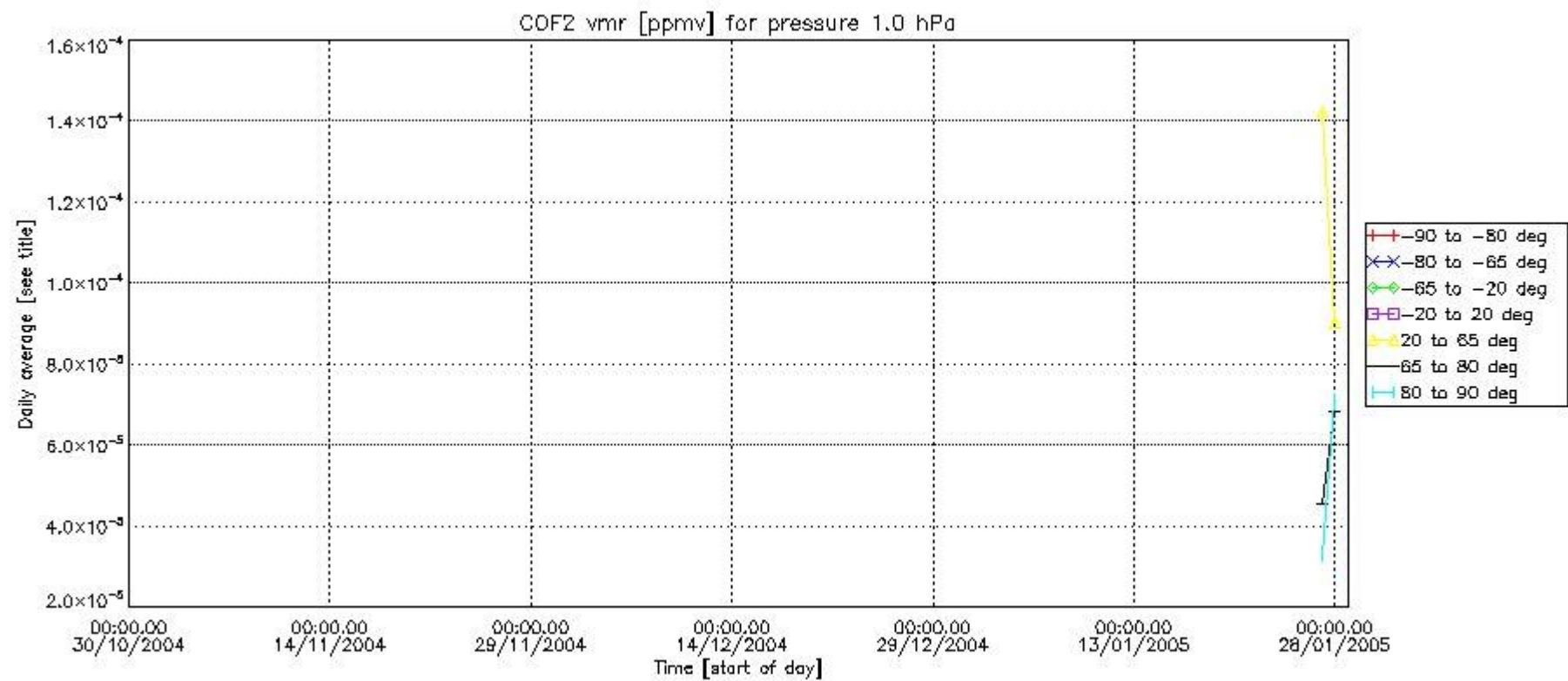


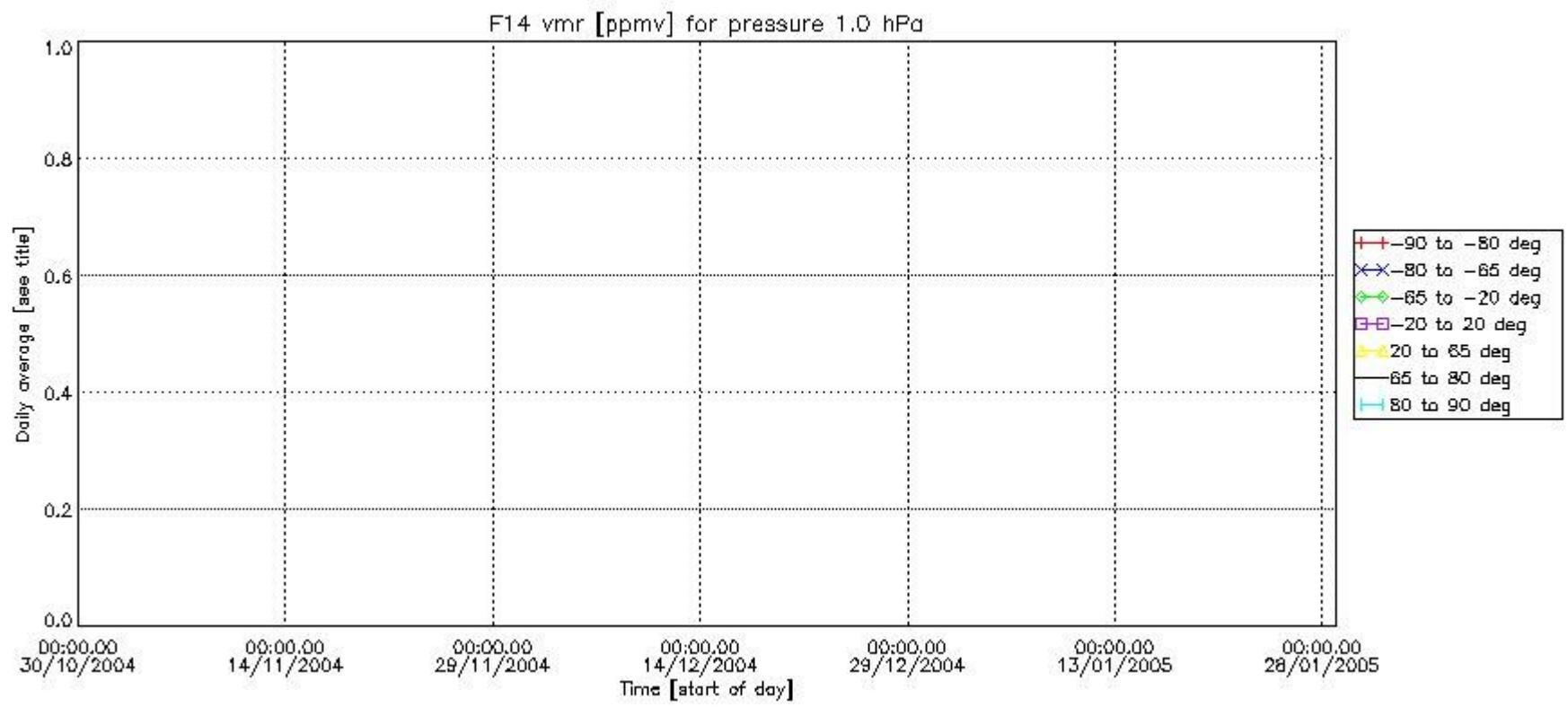
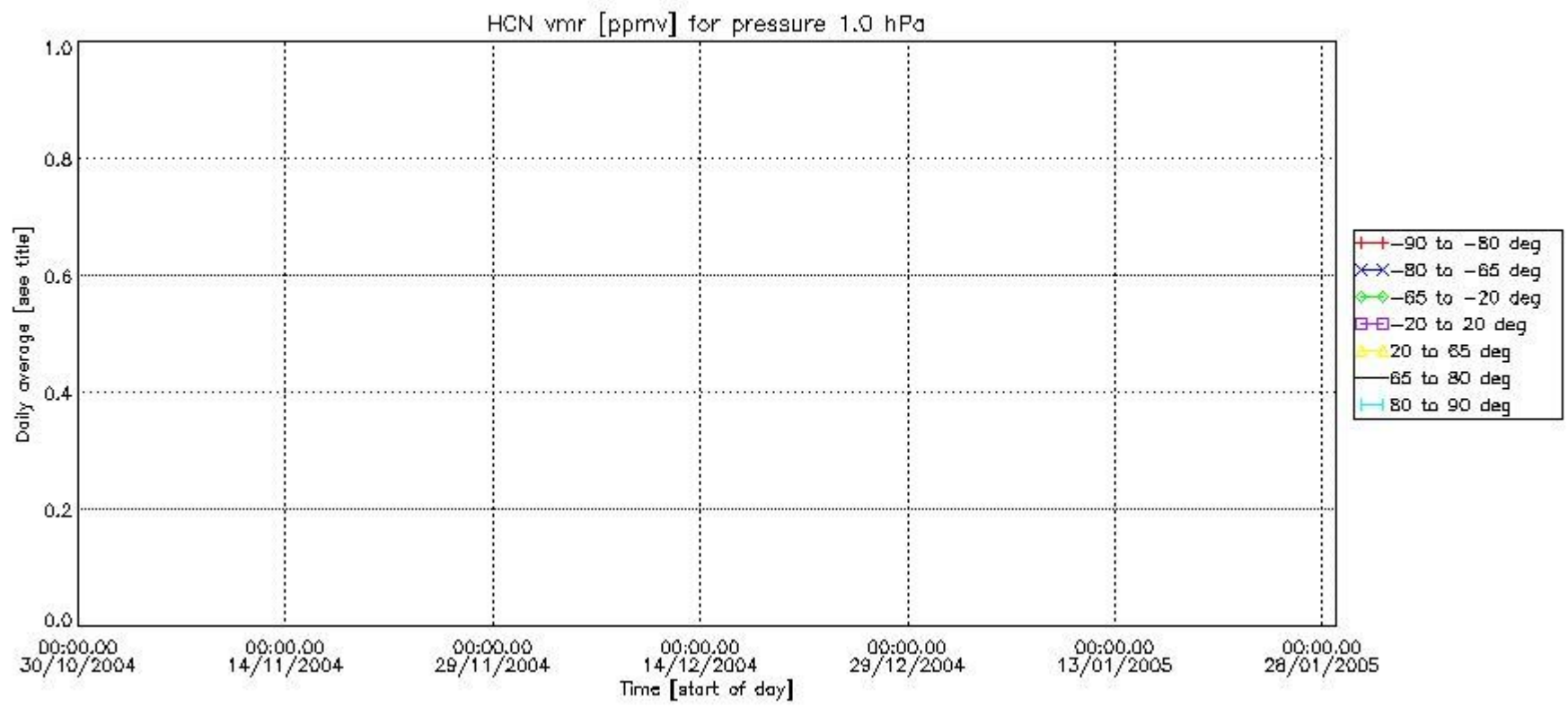


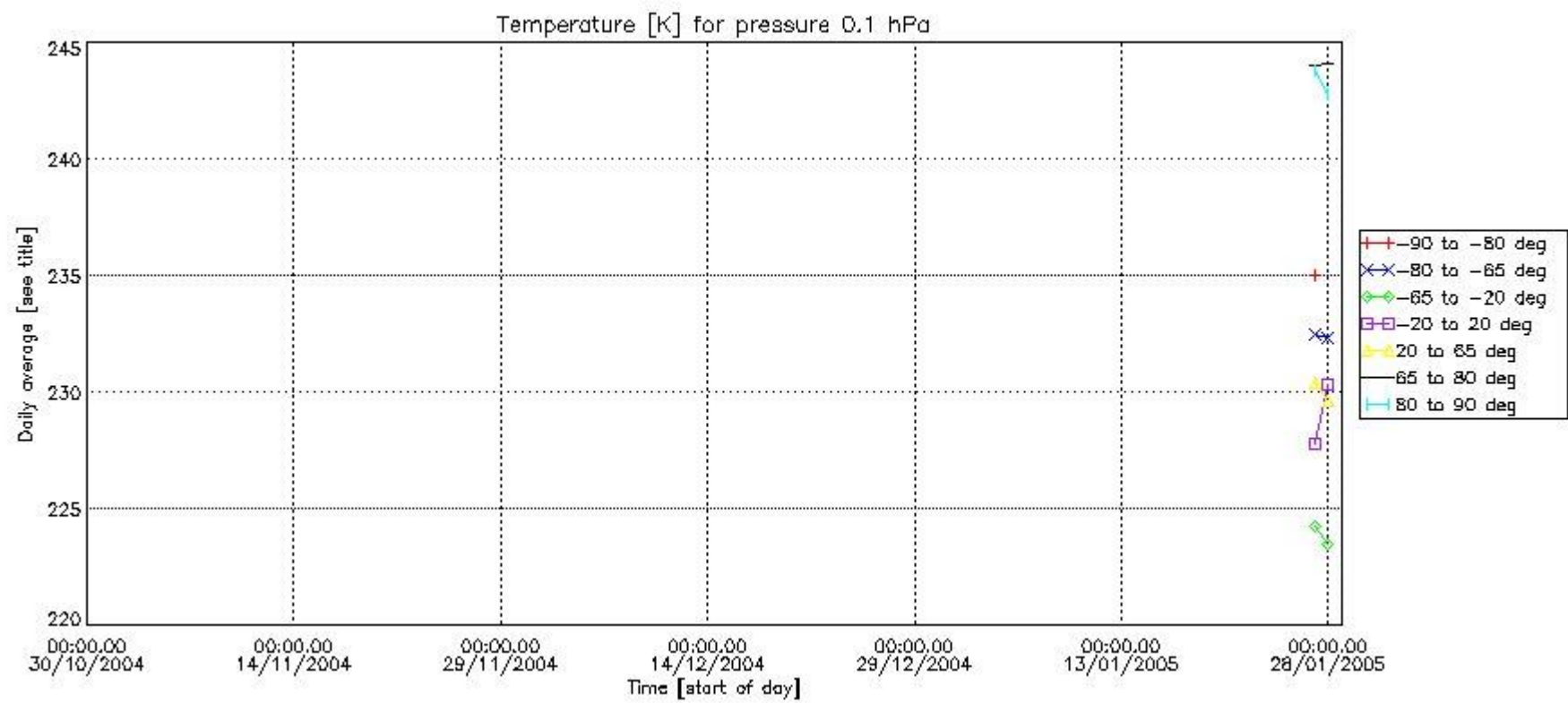
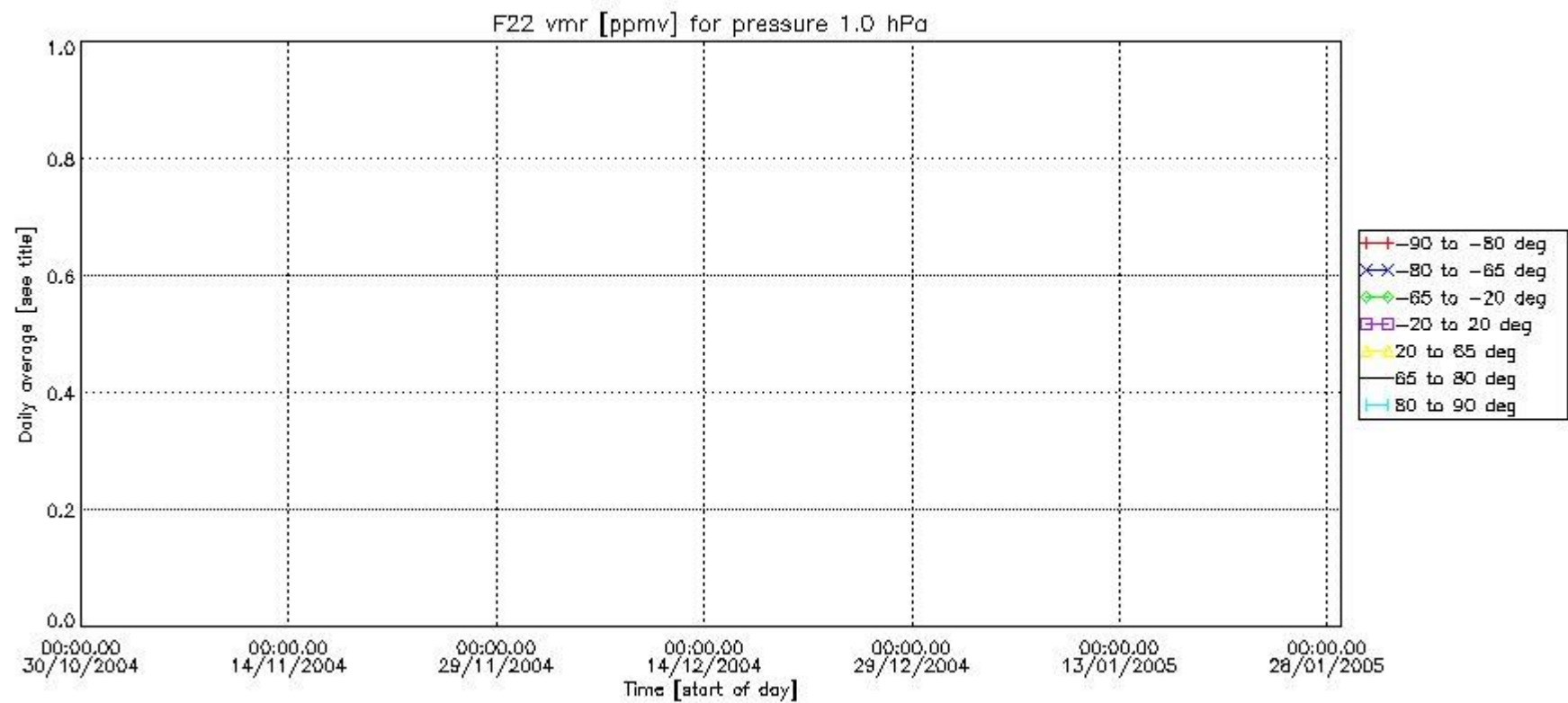


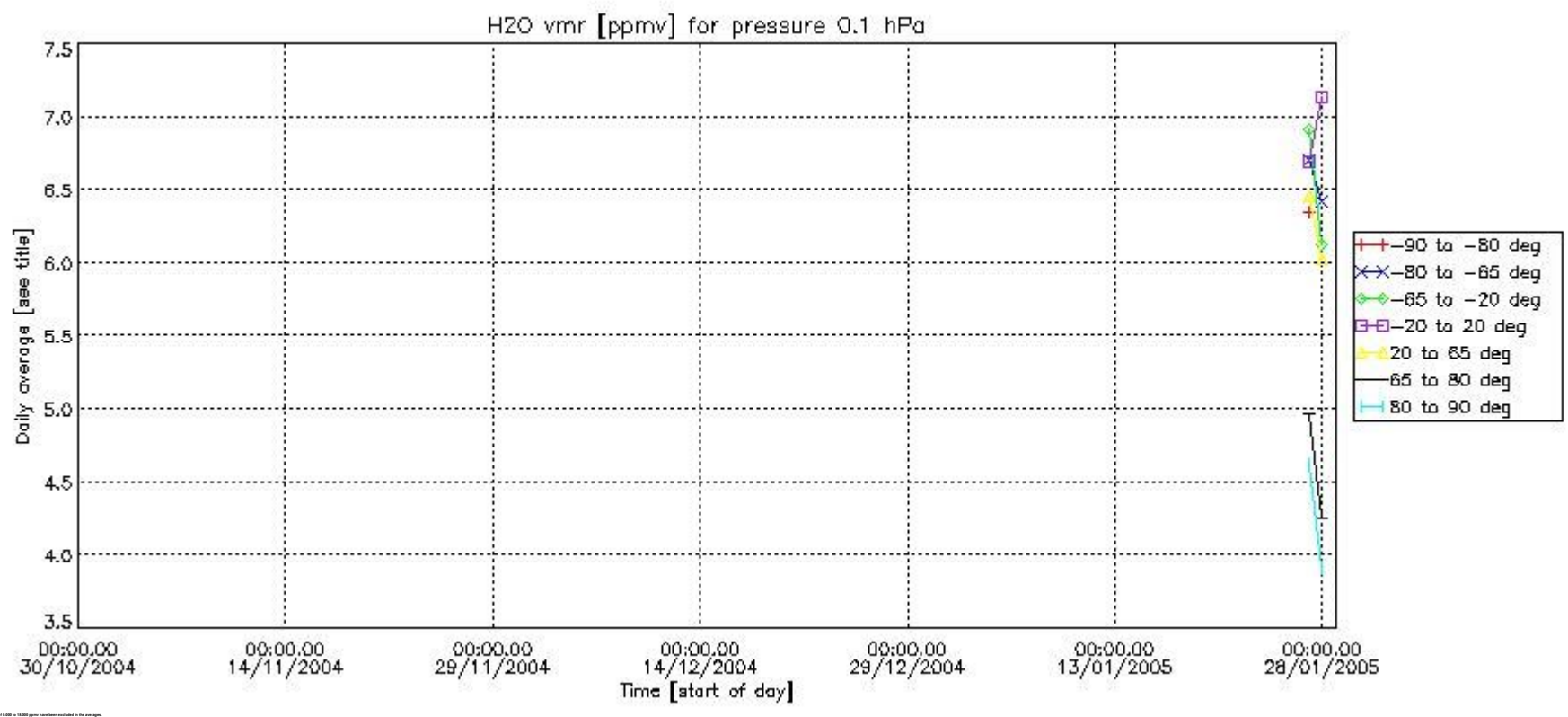
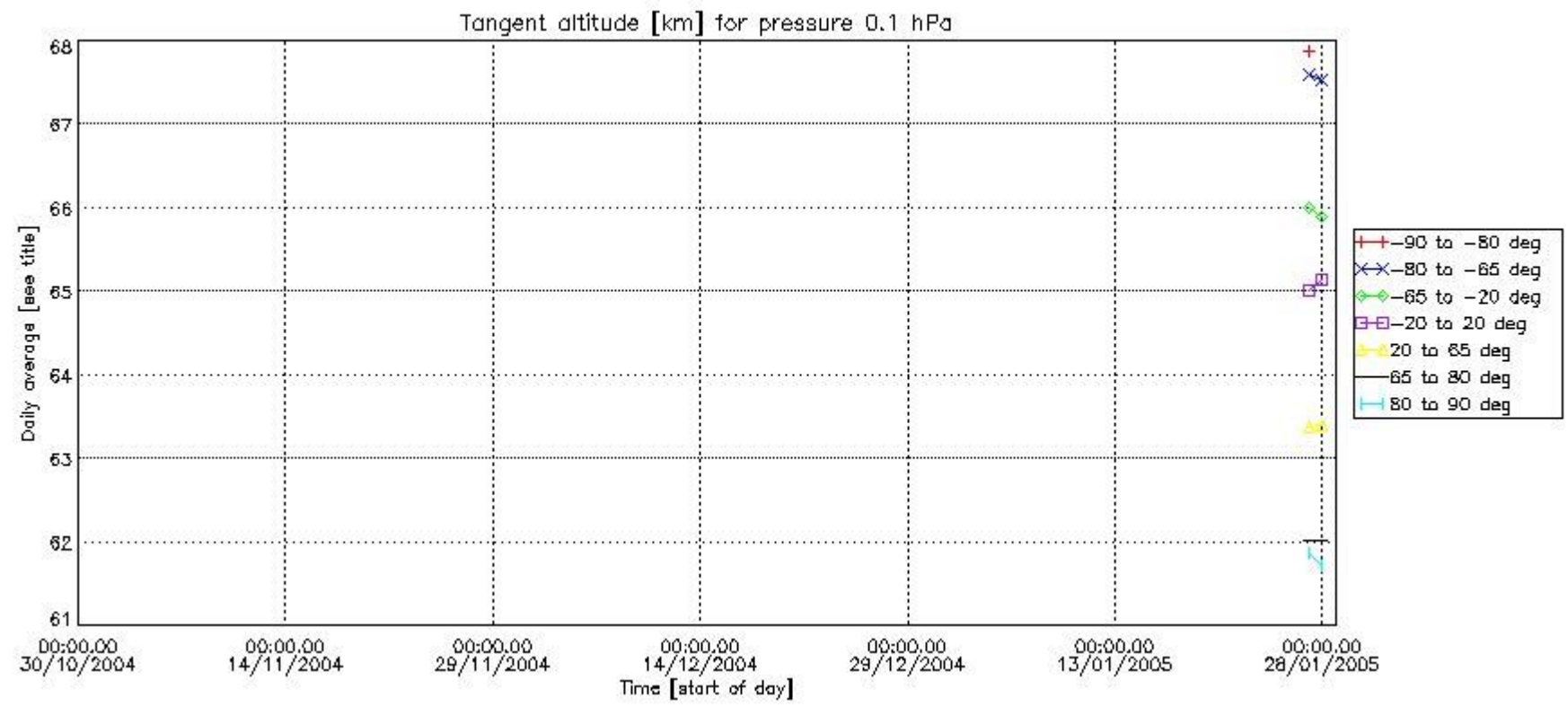


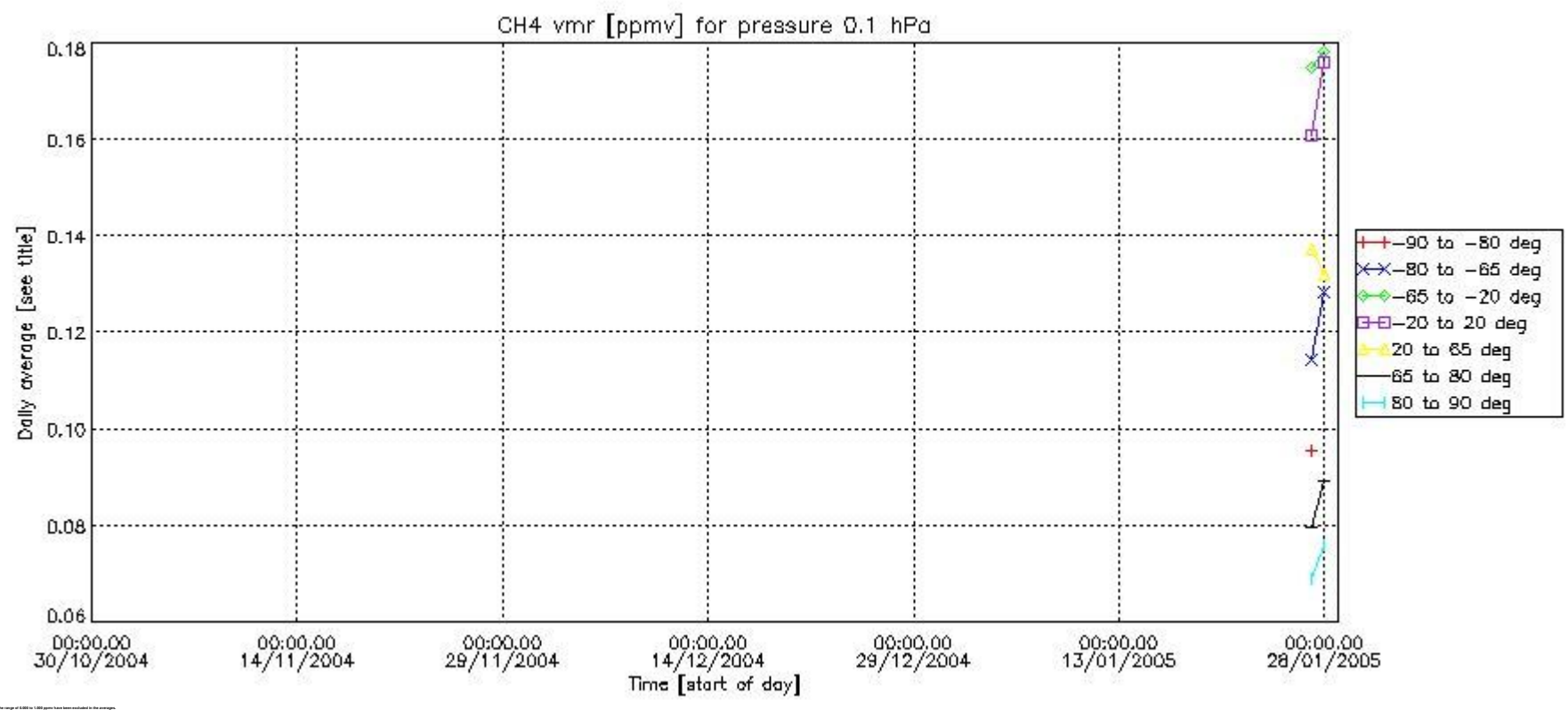
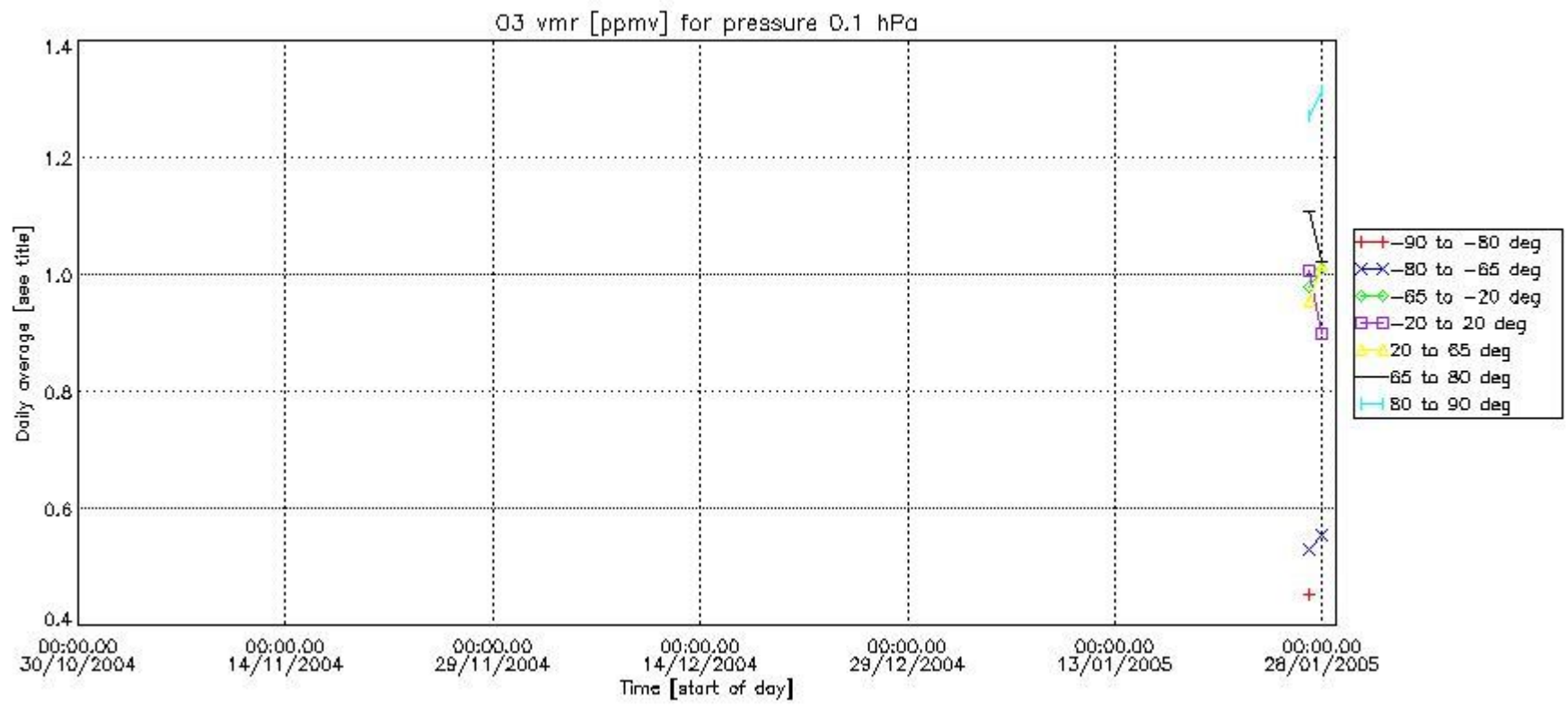


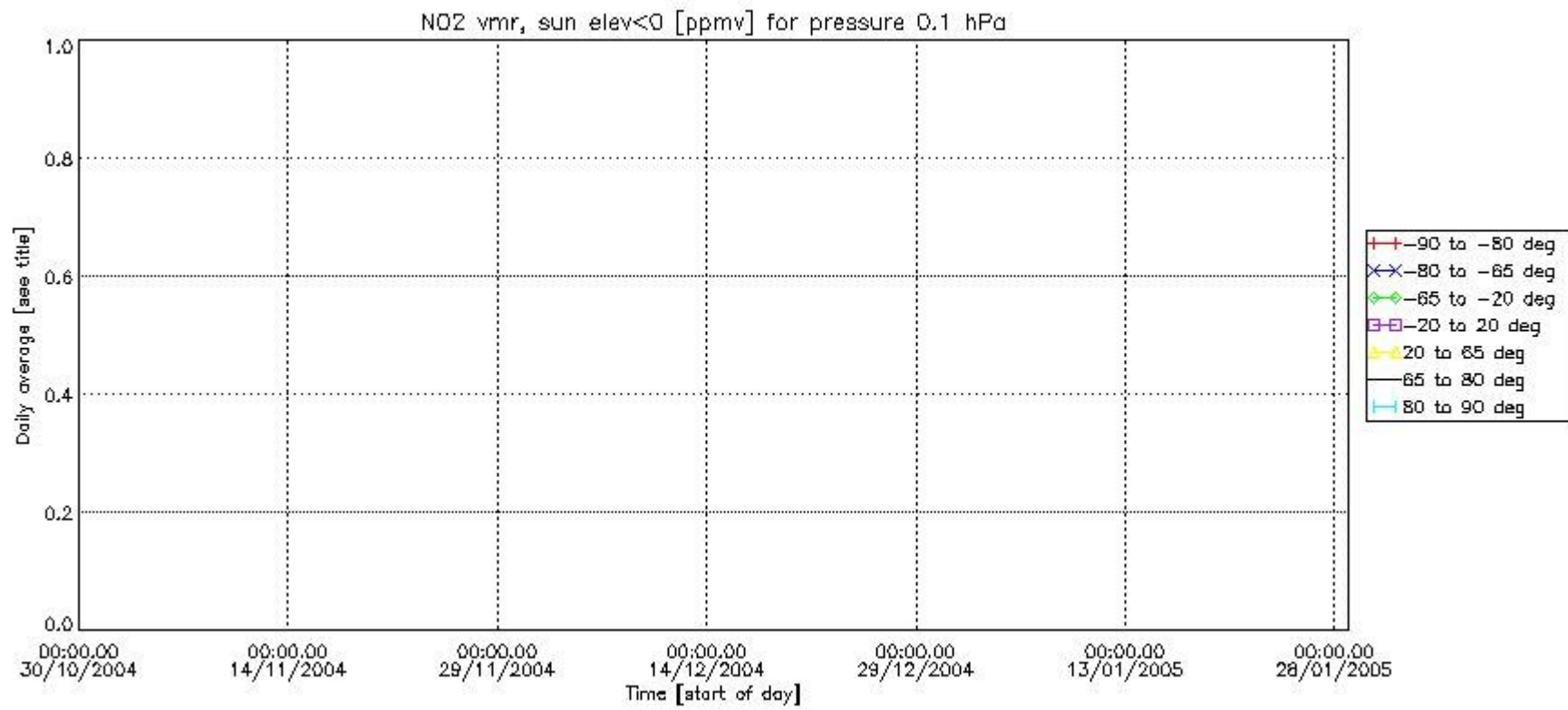
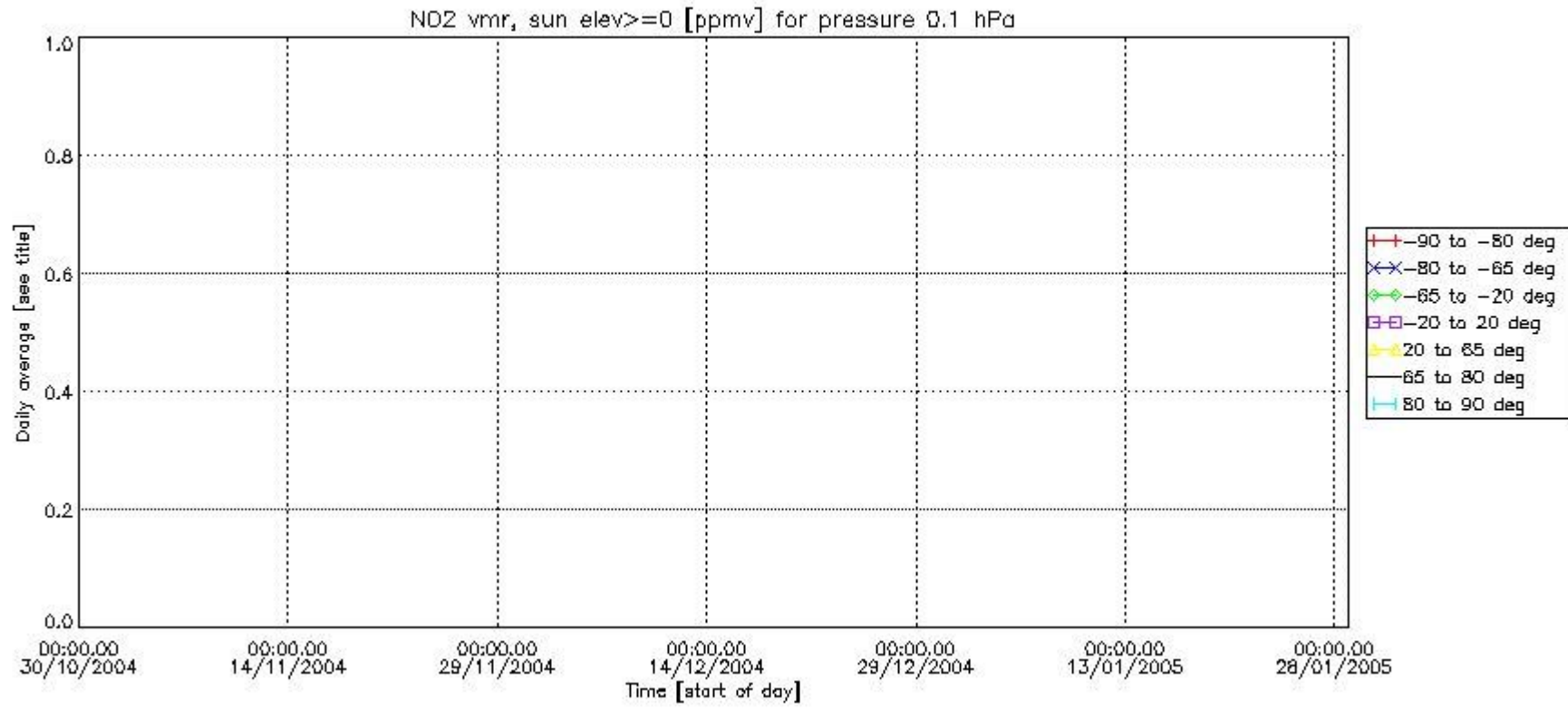


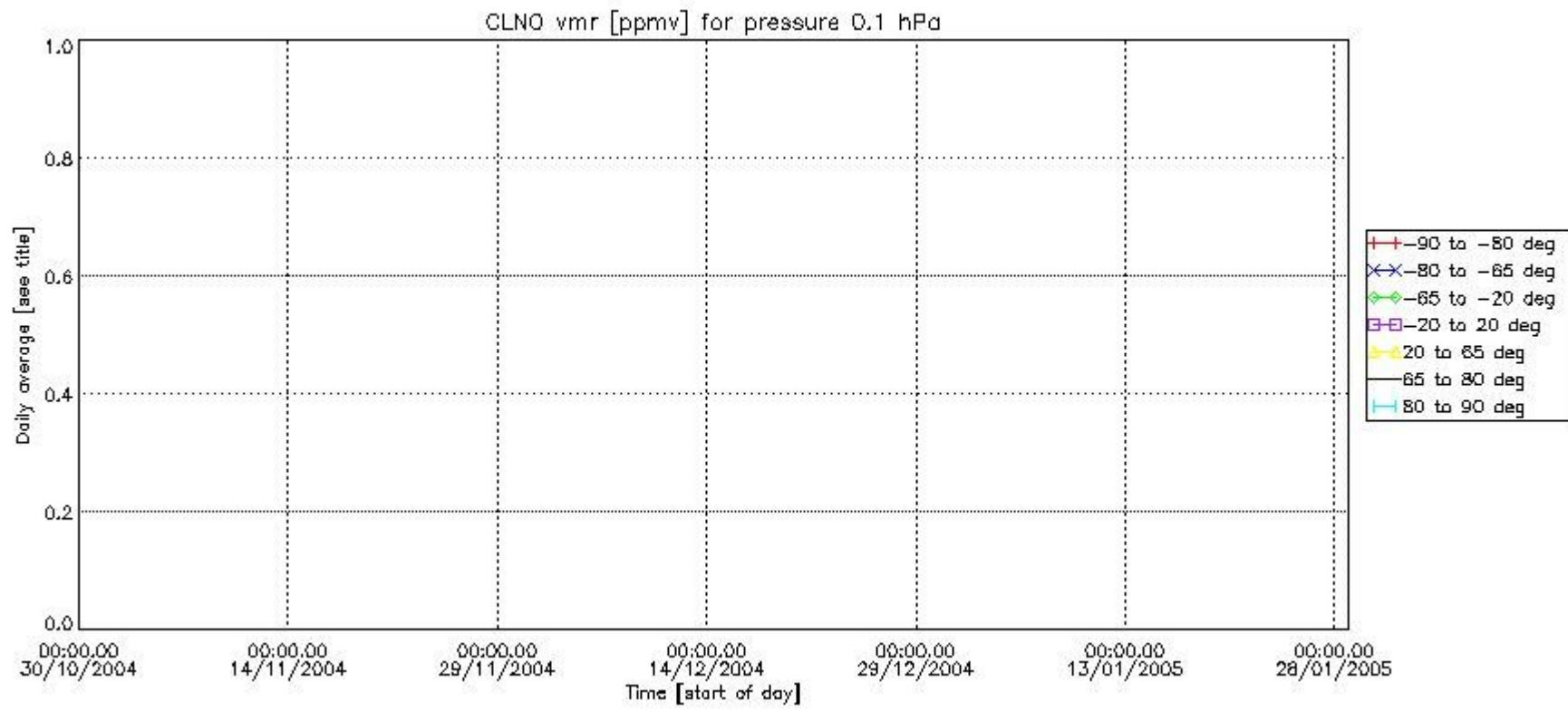
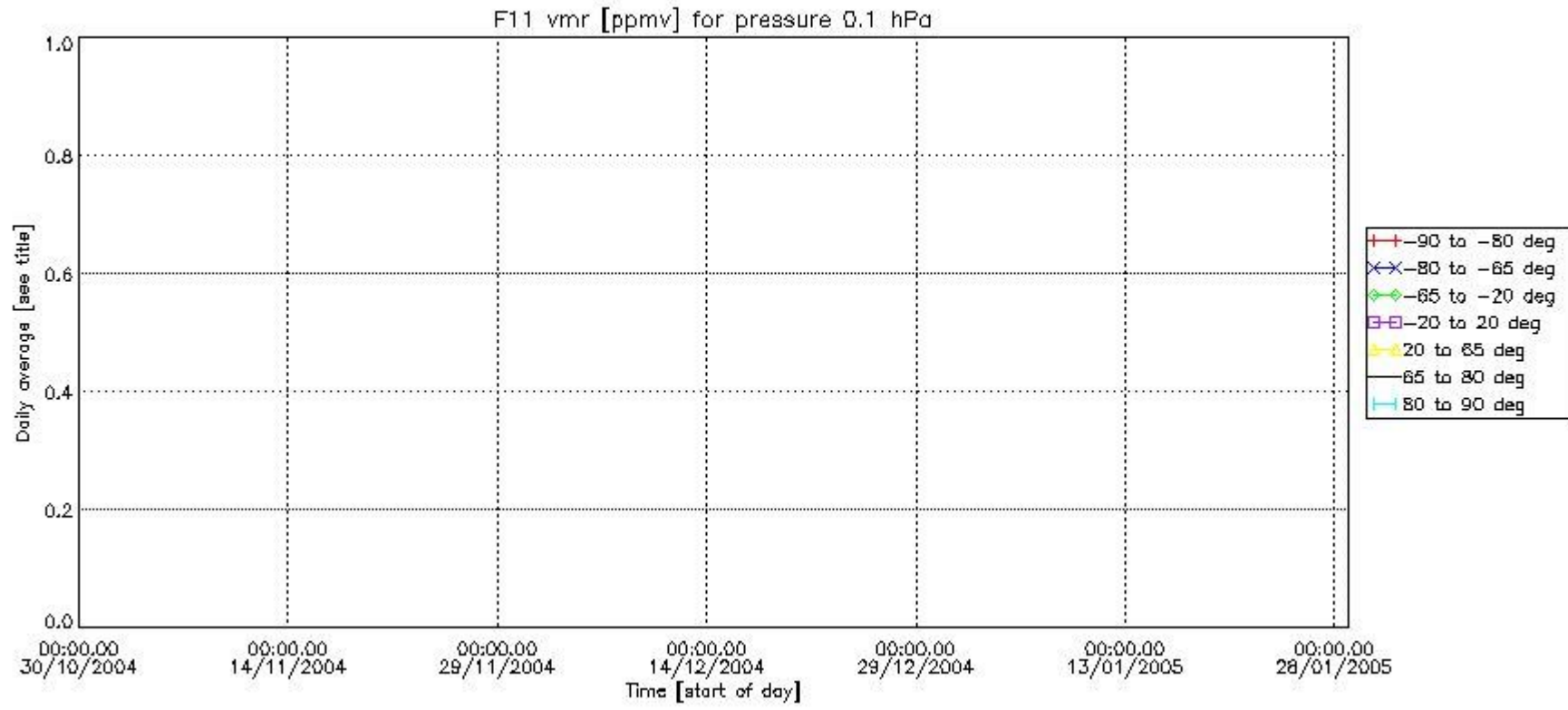


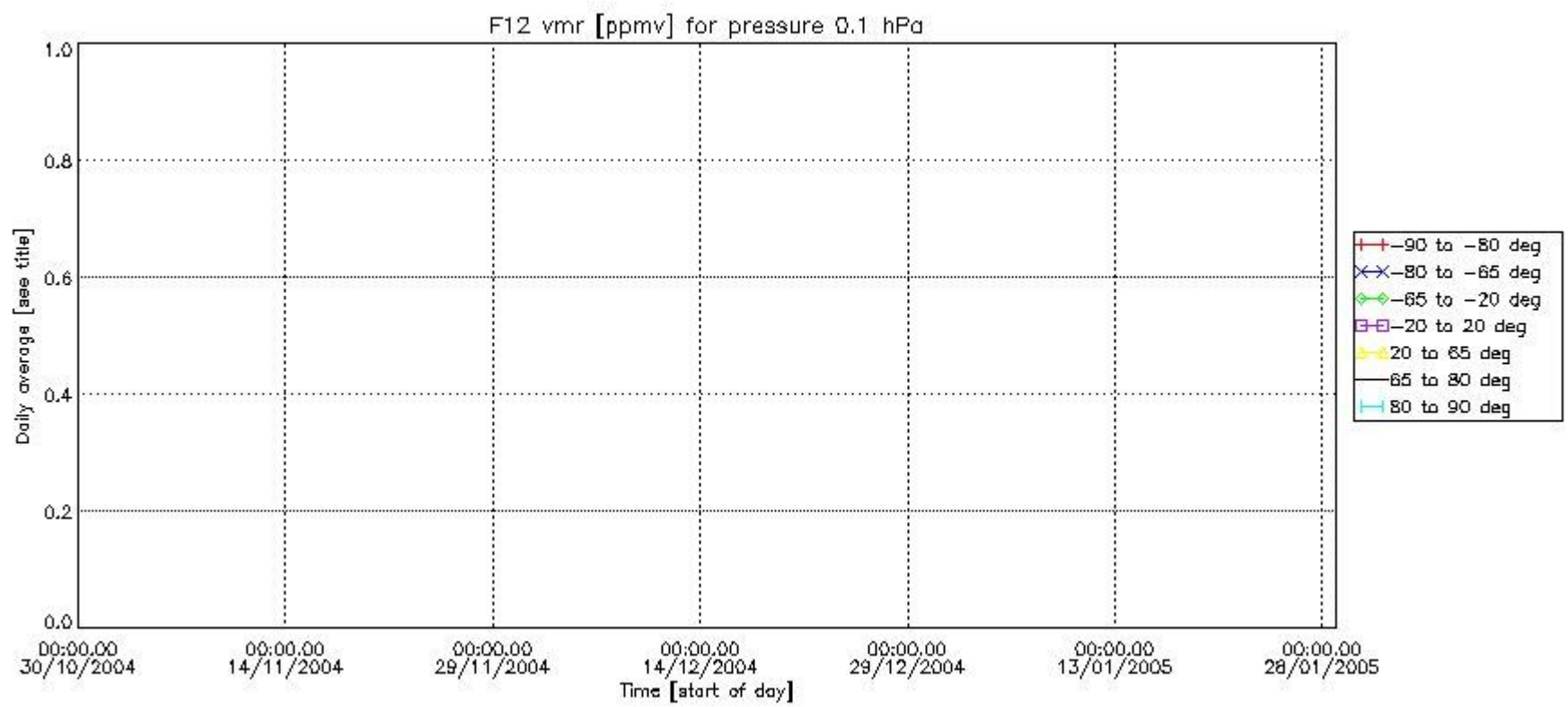
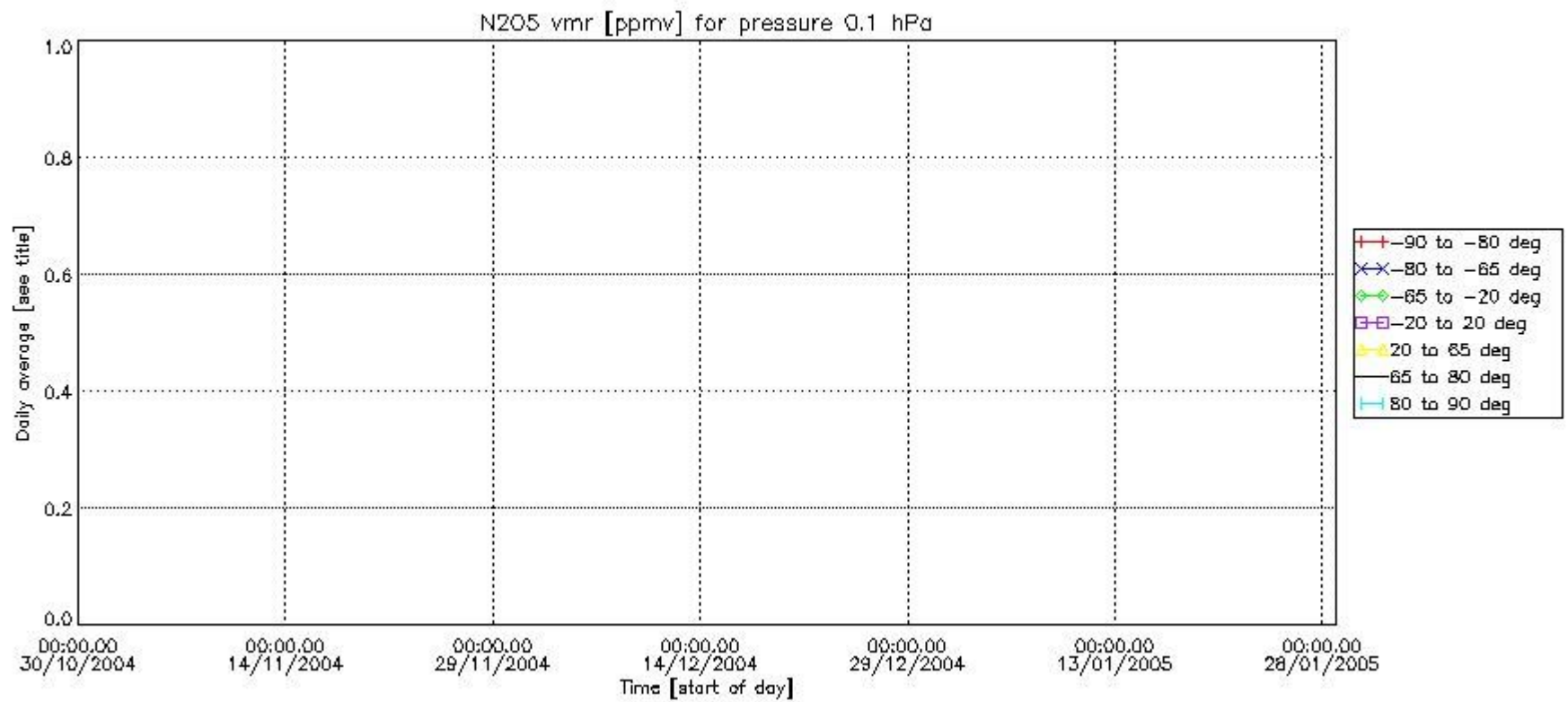


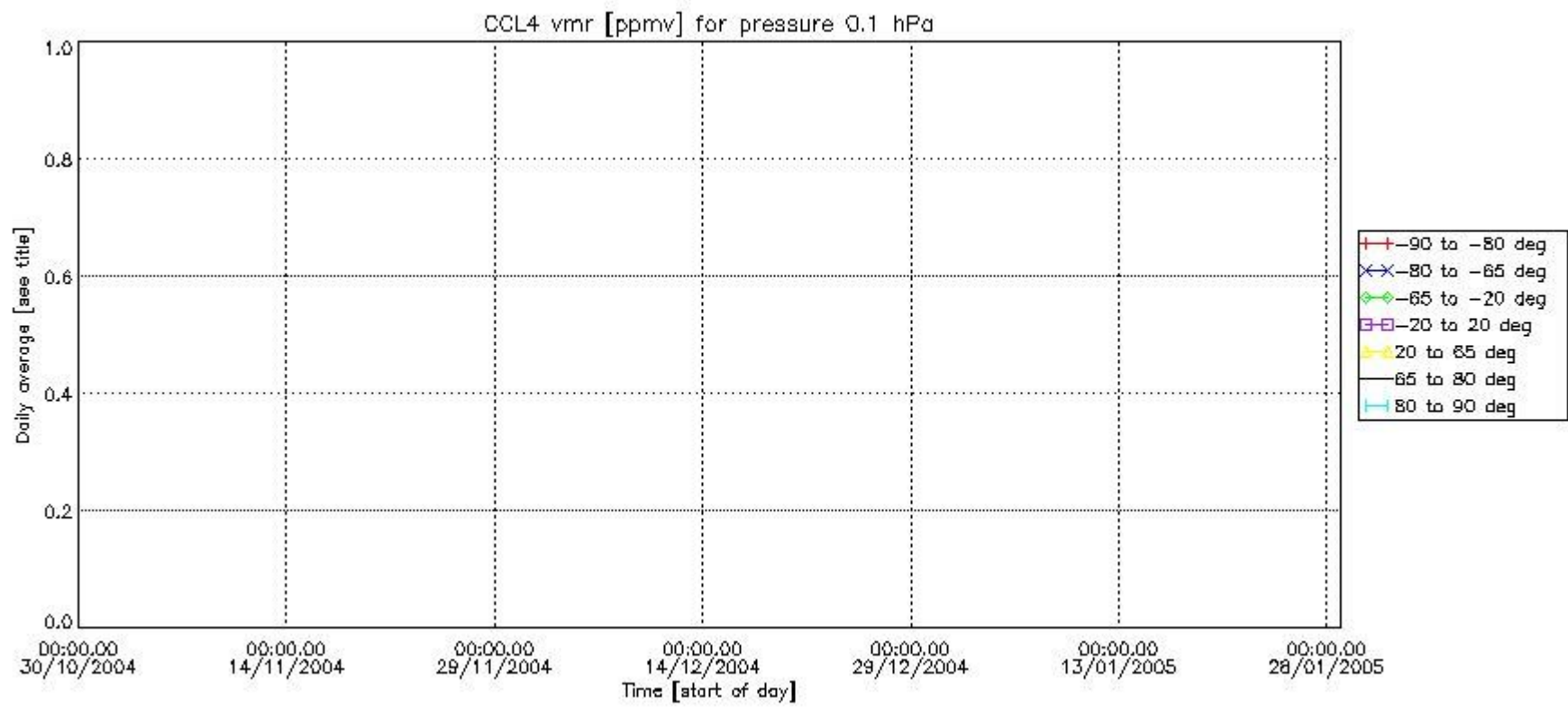
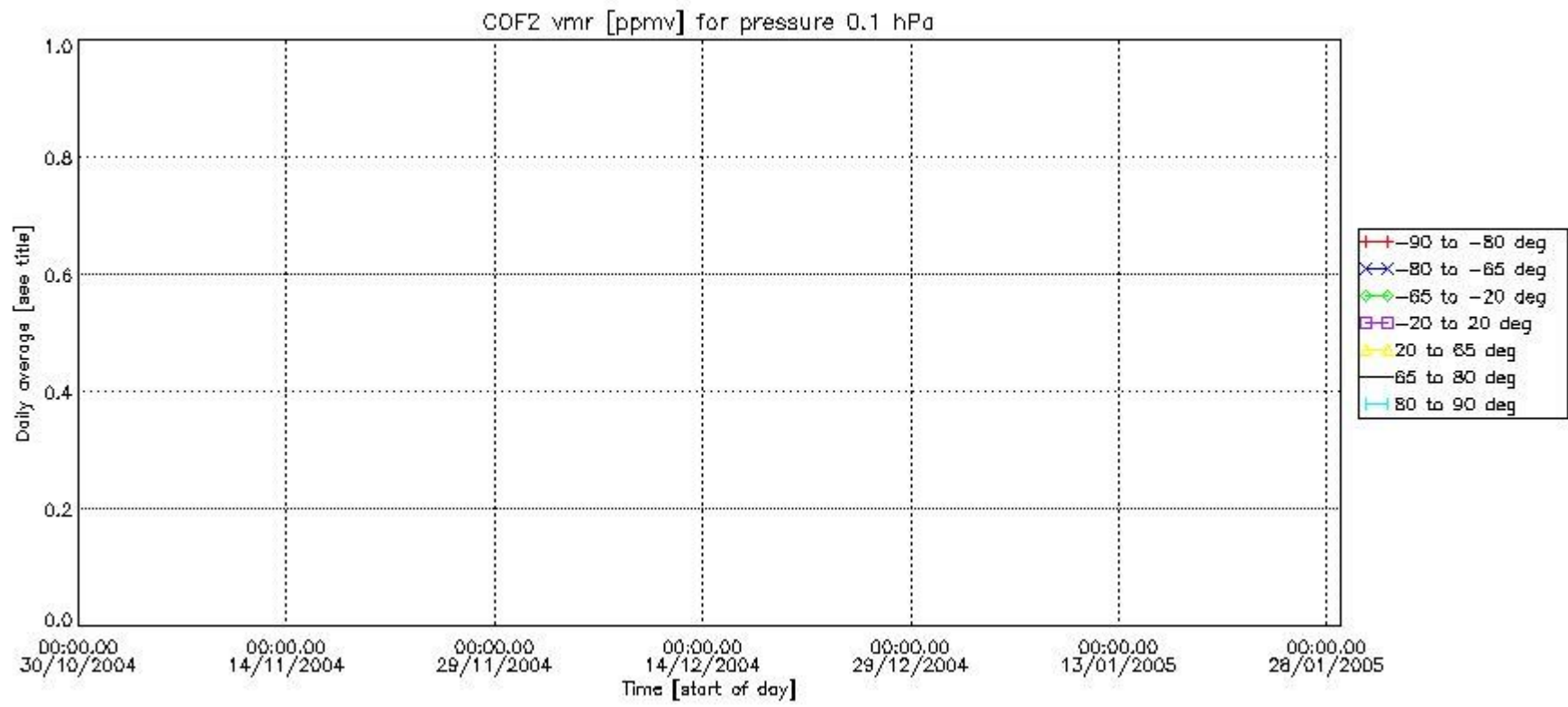


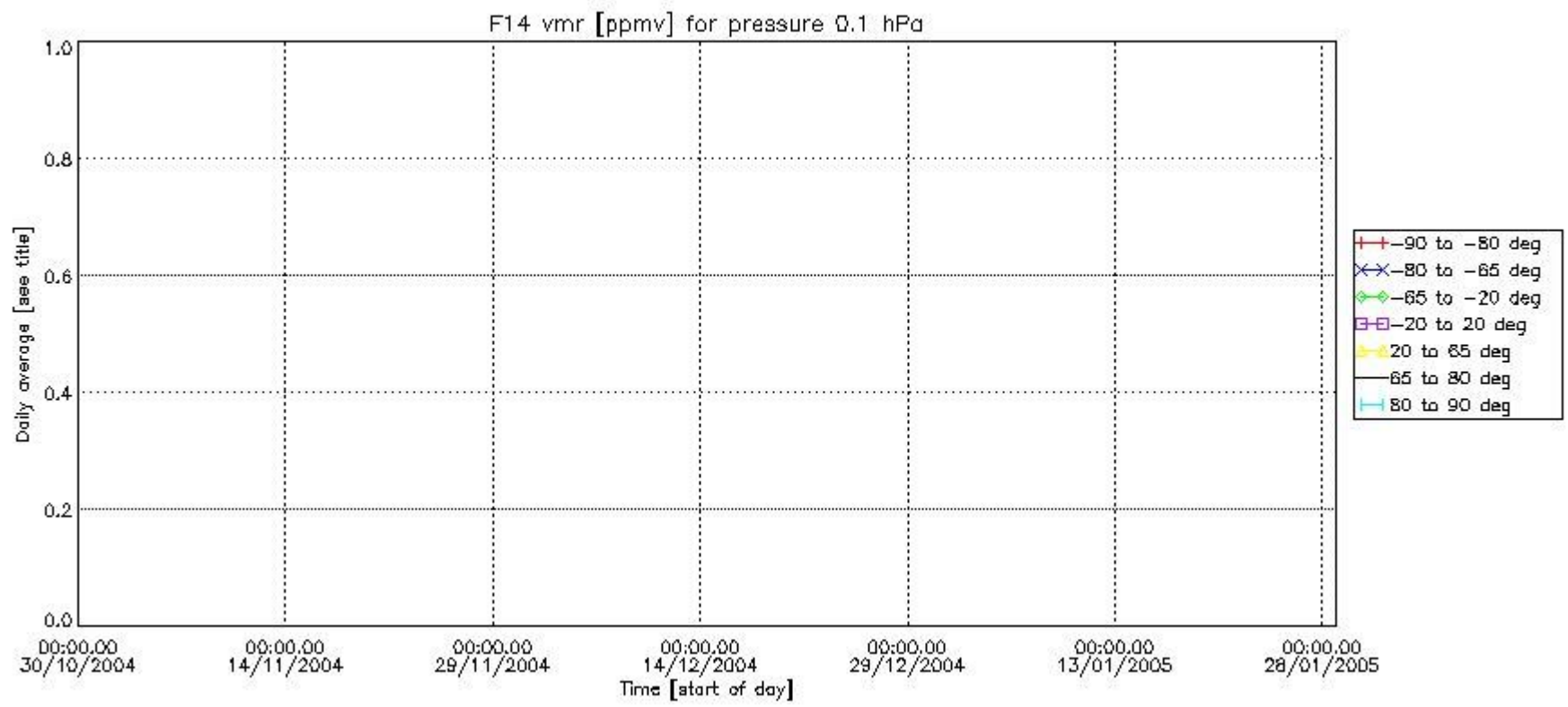
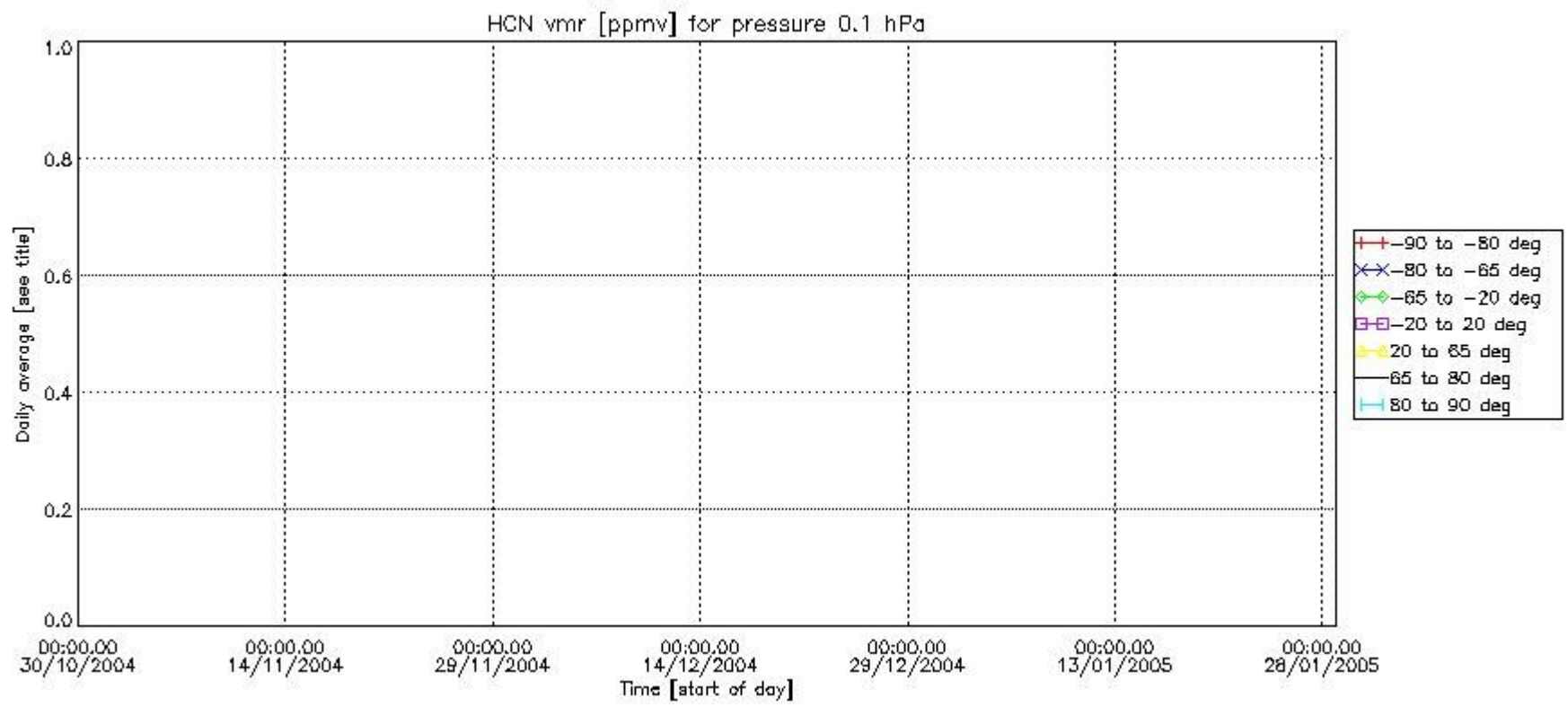


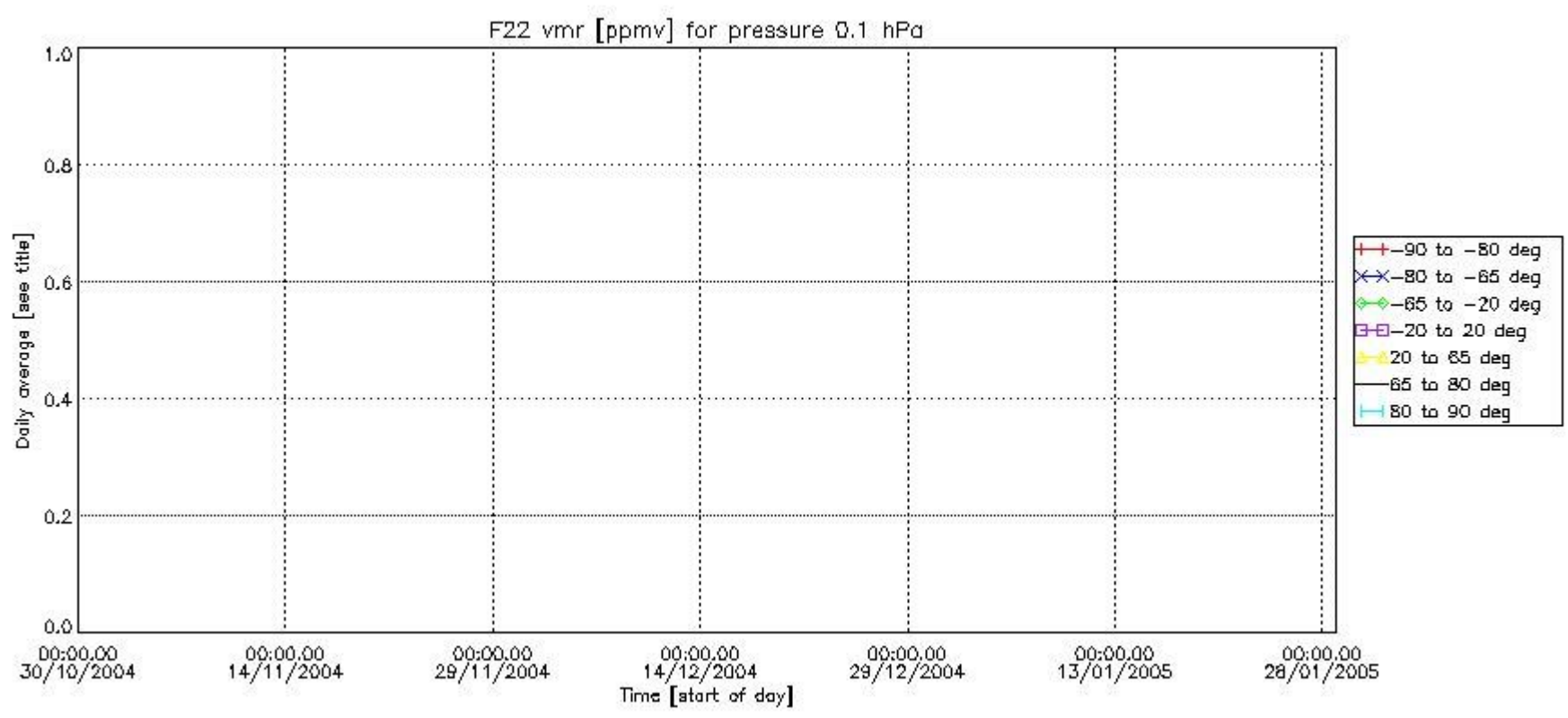












Number of successful retrievals vs. geolocation (*=day side , triangle=night side).

