

2. MIPAS Daily Report for level 2 products summary report

(See [mipas_daily_report_level2_ML2PP_7_03_W_20050213.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 08:38:17
Data source version	ML2PP/7.03-W
Processing scope for products	13FEB2005 00:00:00 to 14FEB2005 00:00:00
Start time of first product within scope	13FEB2005 07:58:30
Stop time of last product within scope	13FEB2005 16:34:43
Total number of level 2 products	6
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__2PWDSI20050213_075830_000052602034_00379_15463_1000.N1	13FEB2005 07:58:30	13FEB2005 09:26:10	0	84/84	
1	MIP_NL__2PWDSI20050213_092717_000060442034_00380_15464_1000.N1	13FEB2005 09:27:17	13FEB2005 11:08:01	0	80/80	VMR_TERM_MACRO_MICRO[HCN/macro:1]
2	MIP_NL__2PWDSI20050213_110807_000059982034_00381_15465_1000.N1	13FEB2005 11:08:07	13FEB2005 12:48:05	0	93/93	VMR_TERM_MACRO_MICRO[HCN/macro:1; HCN/micro:1]
3	MIP_NL__2PWDSI20050213_124811_000060302034_00382_15466_1000.N1	13FEB2005 12:48:11	13FEB2005 14:28:41	0	93/93	
4	MIP_NL__2PWDSI20050213_142847_000060302034_00383_15467_1000.N1	13FEB2005 14:28:47	13FEB2005 16:09:17	0	93/93	VMR_TERM_MACRO_MICRO[HCN/macro:1; HCN/micro:1]
5	MIP_NL__2PWDSI20050213_160923_000015202034_00384_15468_1000.N1	13FEB2005 16:09:23	13FEB2005 16:34:43	0	21/21	

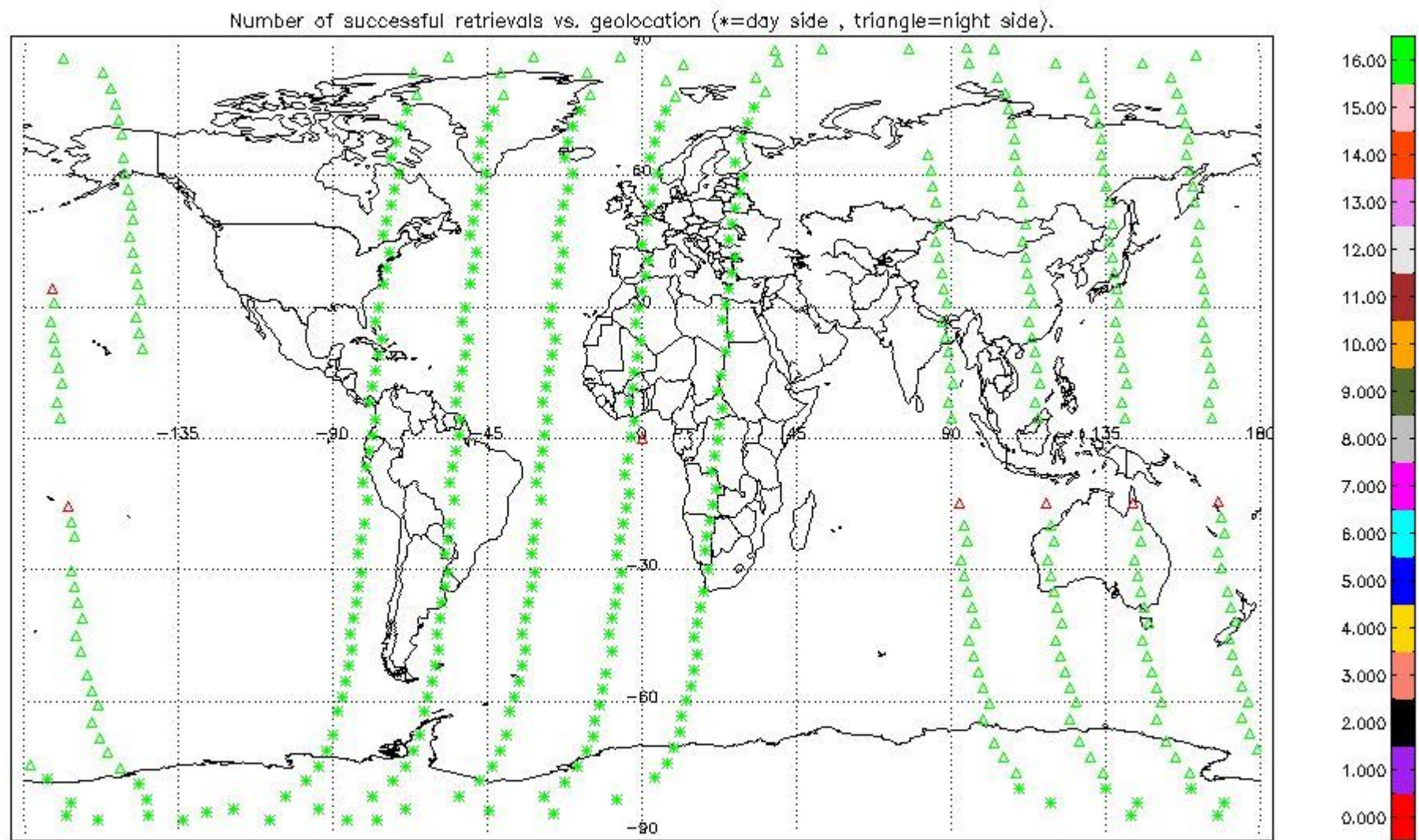
2.2 Processing performance indicators

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.

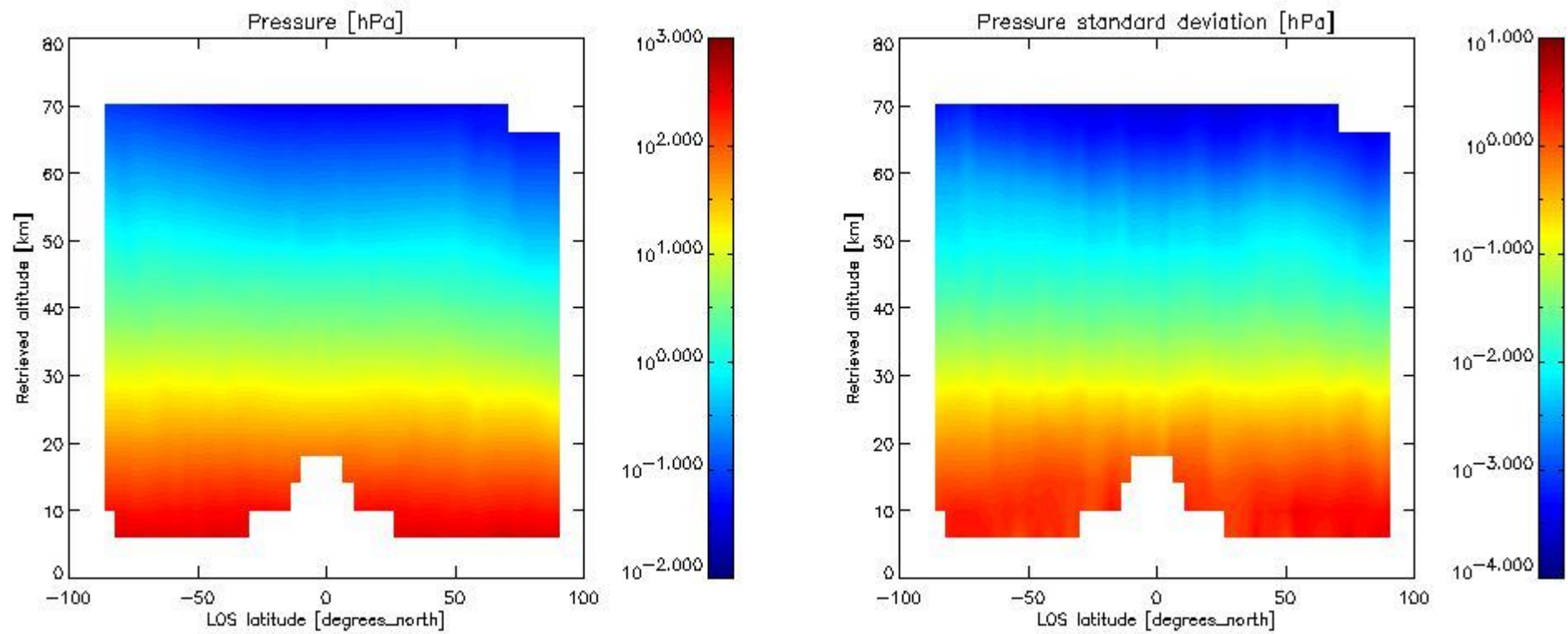
RETRIEVAL MDS	# scans processed	# Successful retrievals	%
PT	464	453	97.629
H2O	464	453	97.629
O3	464	453	97.629
HNO3	464	453	97.629

CH4	464	453	97.629
N2O	464	453	97.629
NO2	464	453	97.629
F11	464	453	97.629
CLNO	464	453	97.629
N2O5	464	453	97.629
F12	464	453	97.629
COF2	464	453	97.629
CCL4	464	453	97.629
HCN	464	453	97.629
F14	464	453	97.629
F22	464	453	97.629



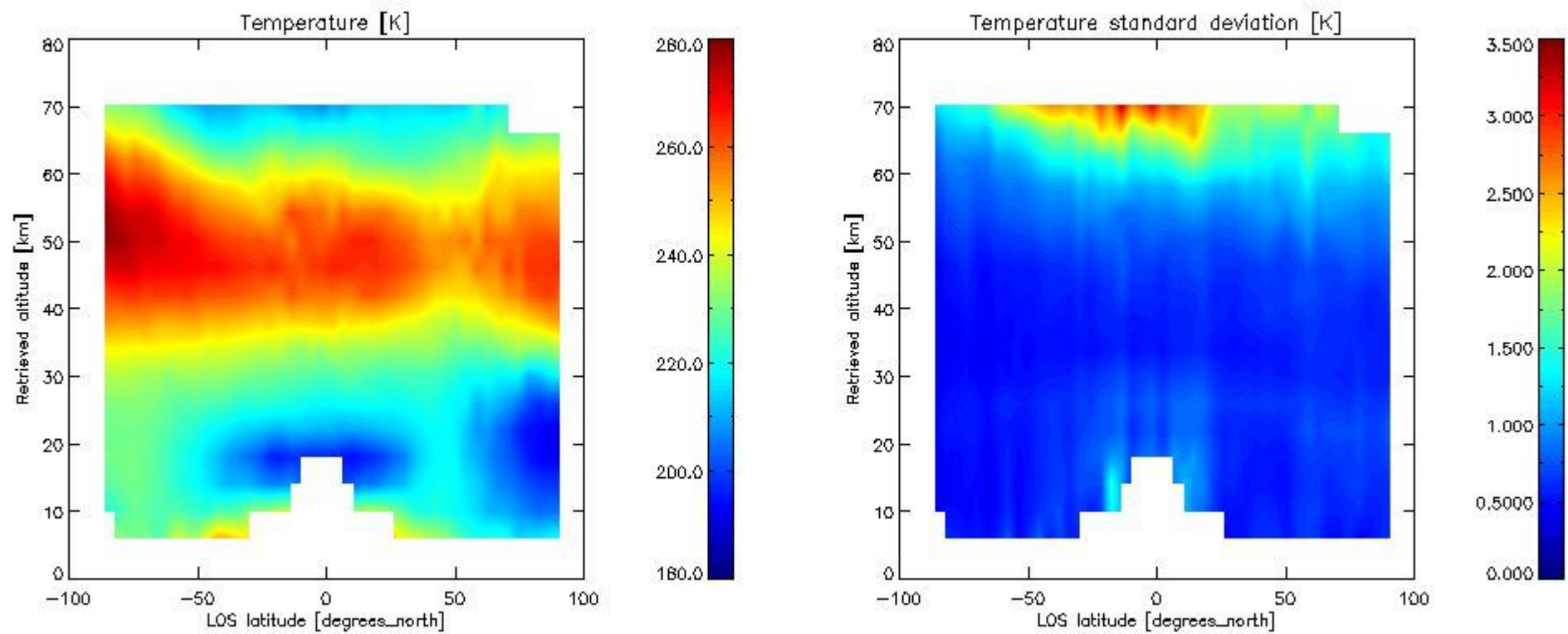
2.2.2 Pressure overview

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



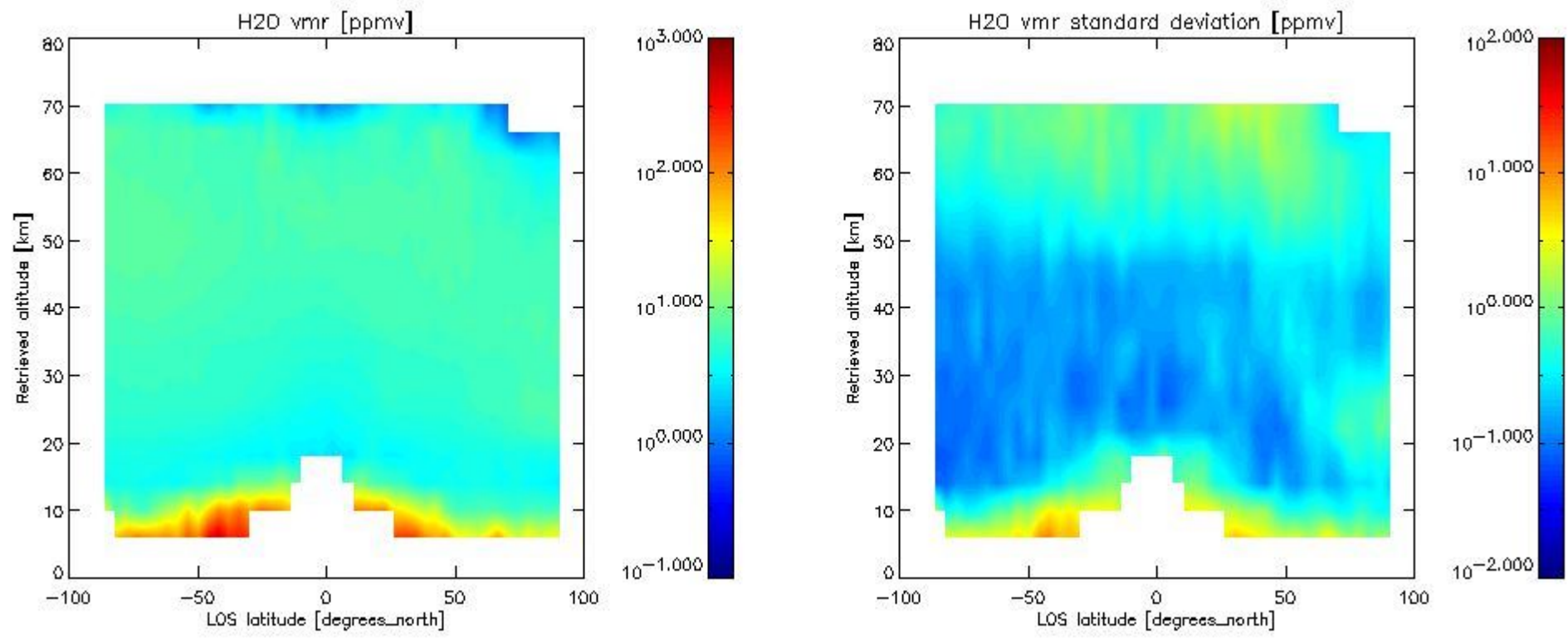
2.2.3 Temperature overview

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

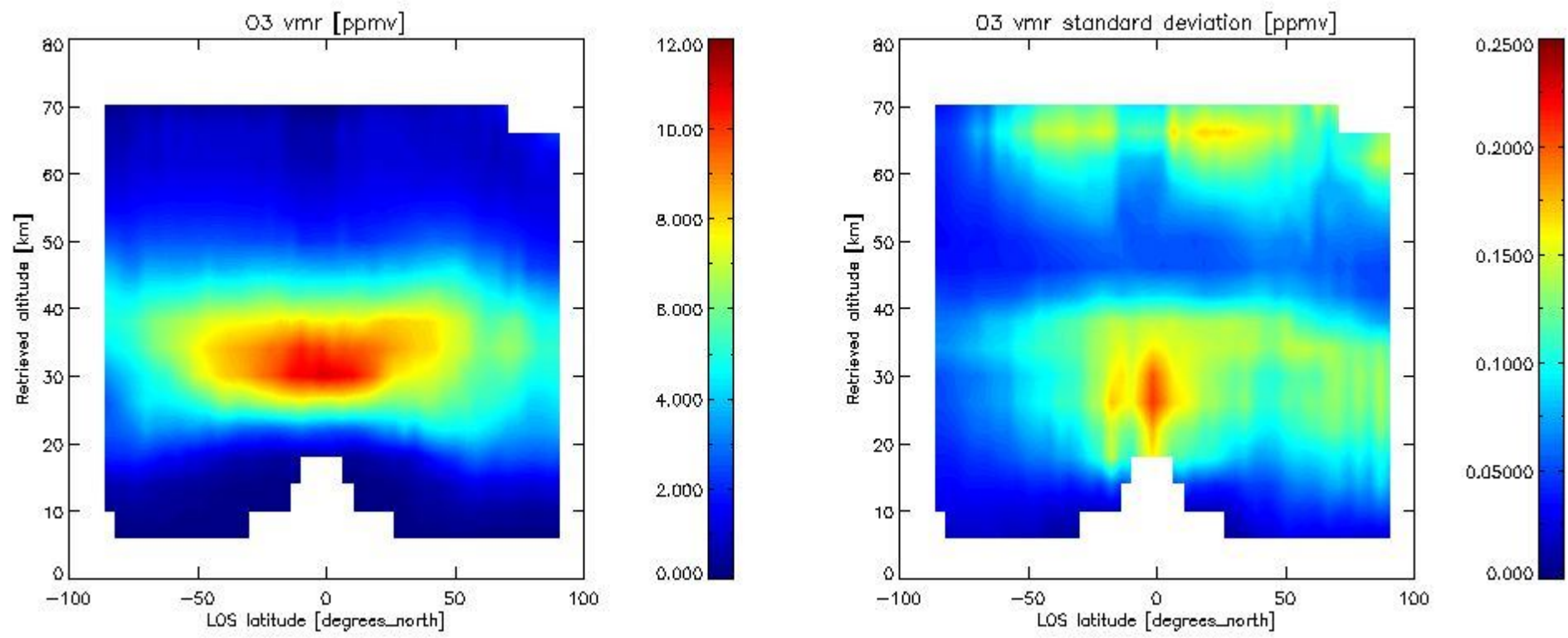


2.2.4 Species overview

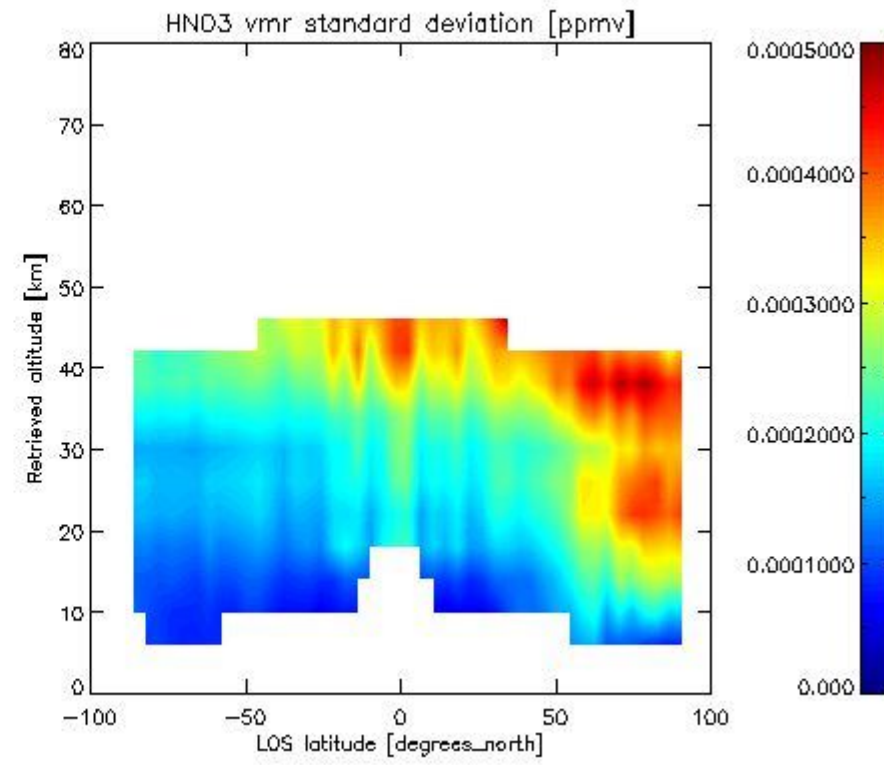
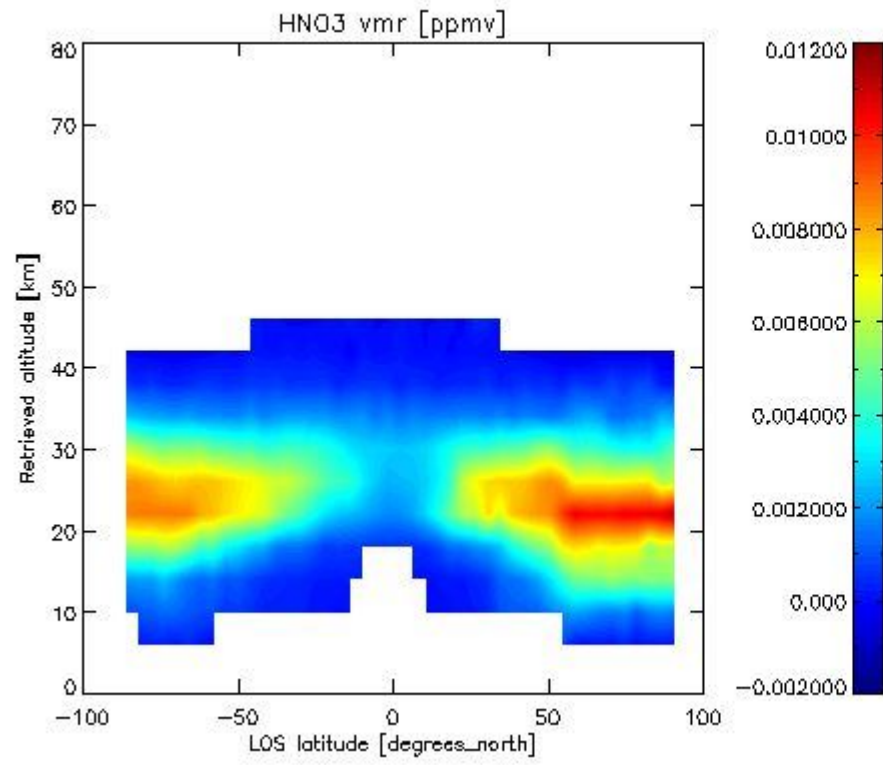
2.2.4.1 H₂O overview This section shows values (left) and error (right) for H₂O after binning individual sweep values over retrieved altitude and tangent latitude.



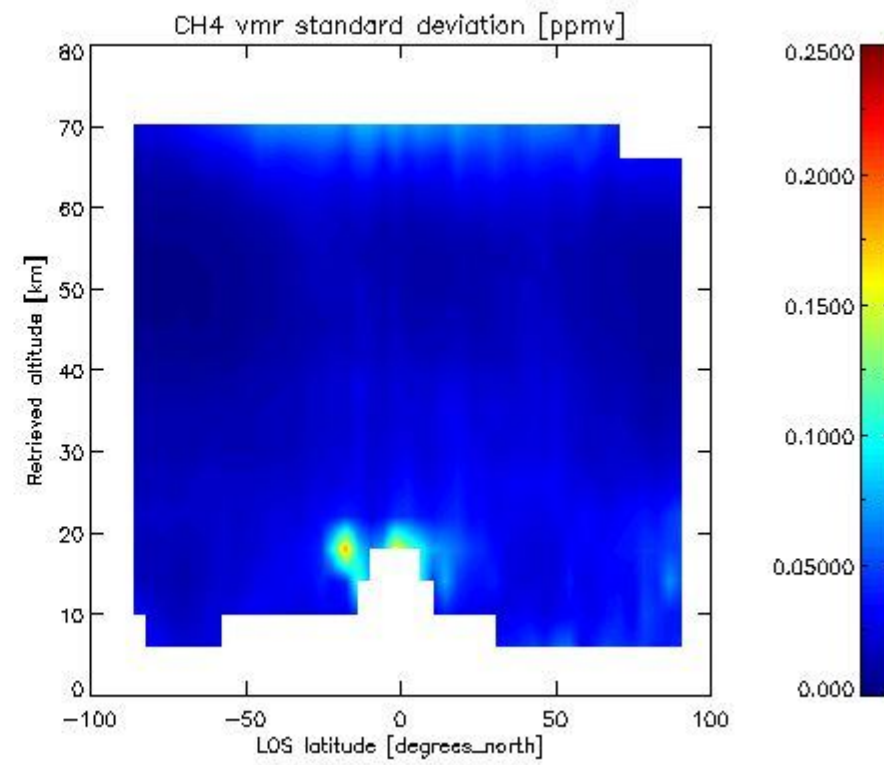
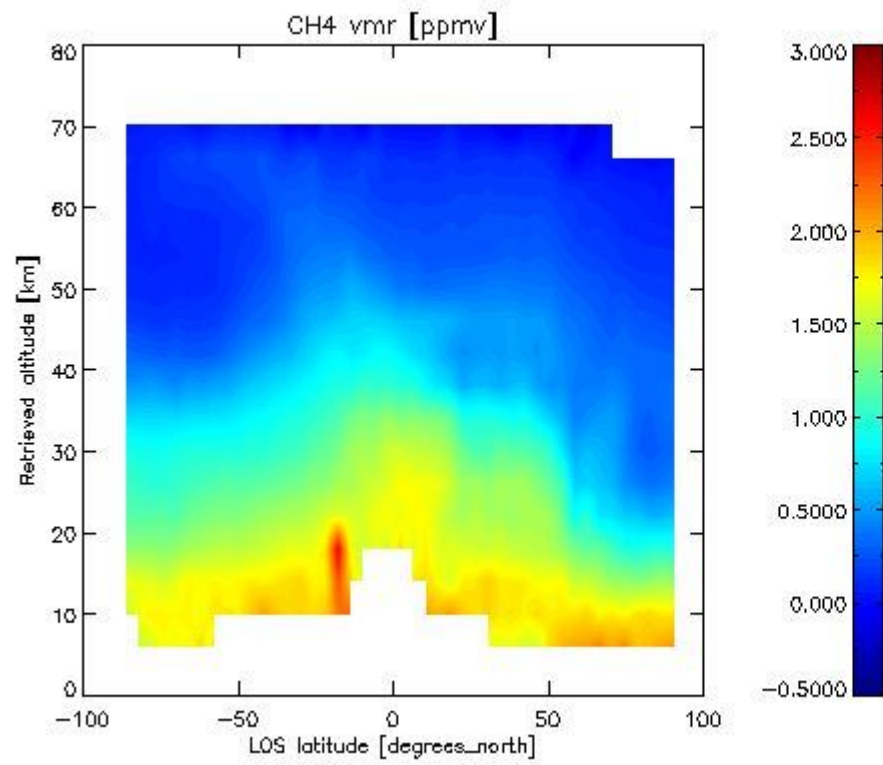
2.2.4.2 O3 overview This section shows values (left) and error (right) for O3 after binning individual sweep values over retrieved altitude and tangent latitude.



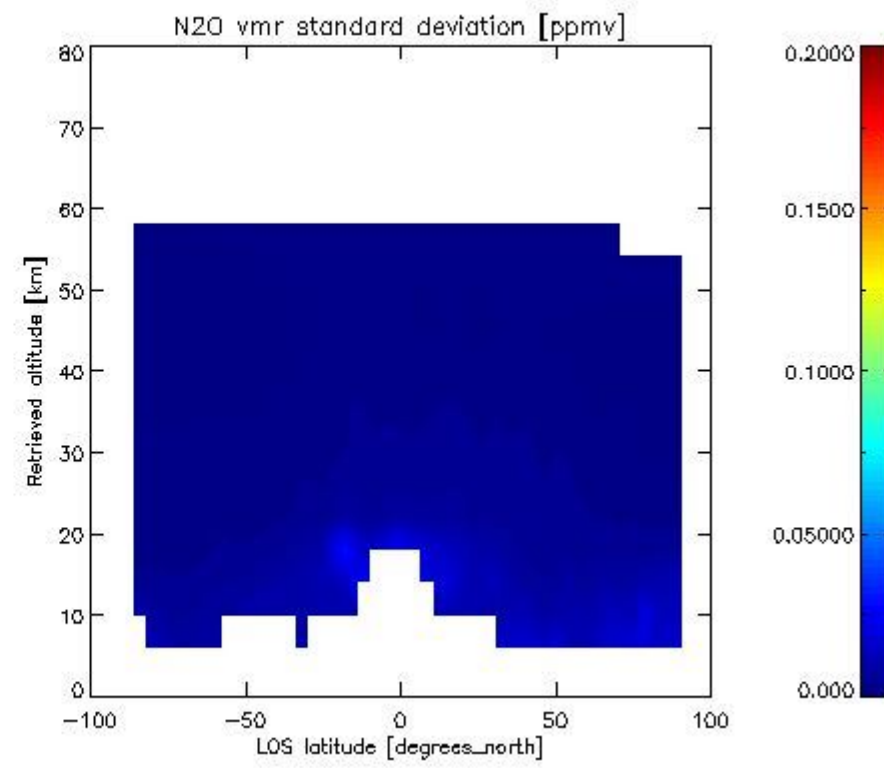
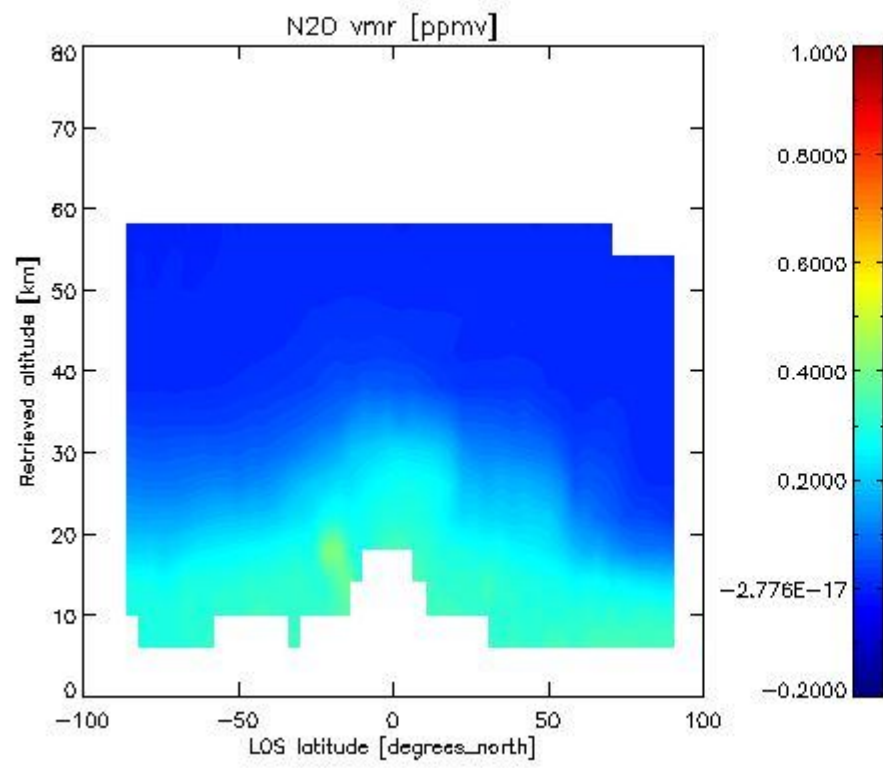
2.2.4.3 HNO3 overview This section shows values (left) and error (right) for HNO3 after binning individual sweep values over retrieved altitude and tangent latitude.



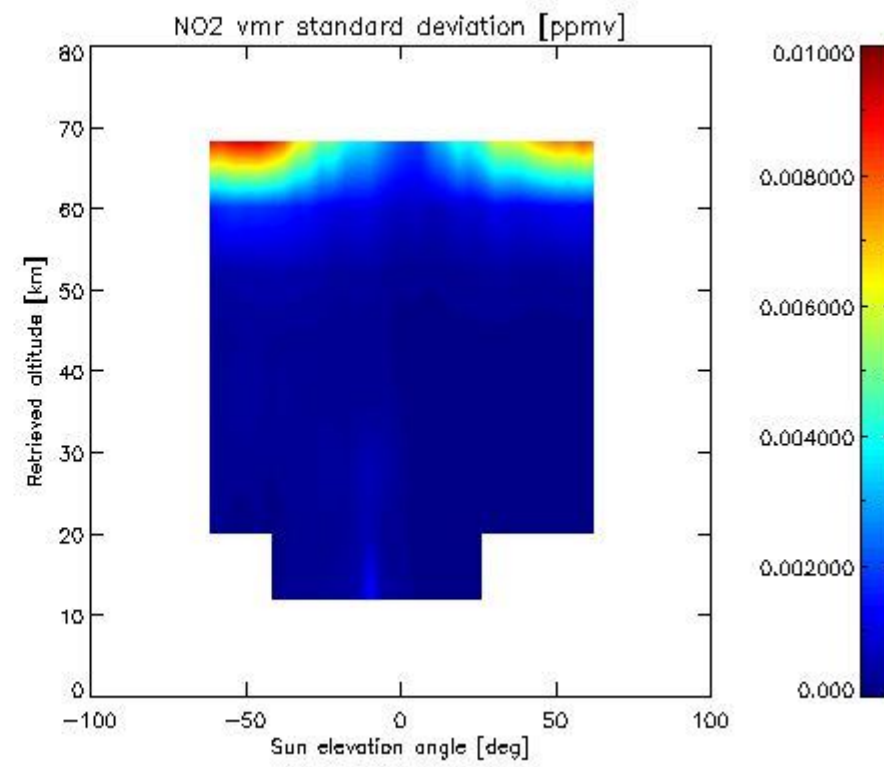
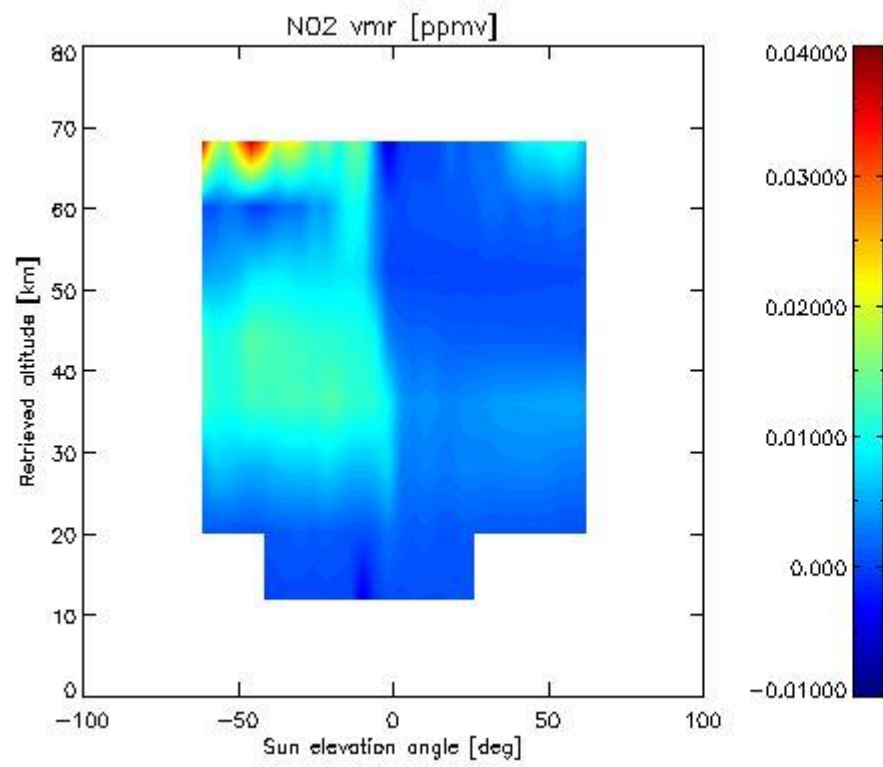
2.2.4.4 CH₄ overview This section shows values (left) and error (right) for CH₄ after binning individual sweep values over retrieved altitude and tangent latitude.



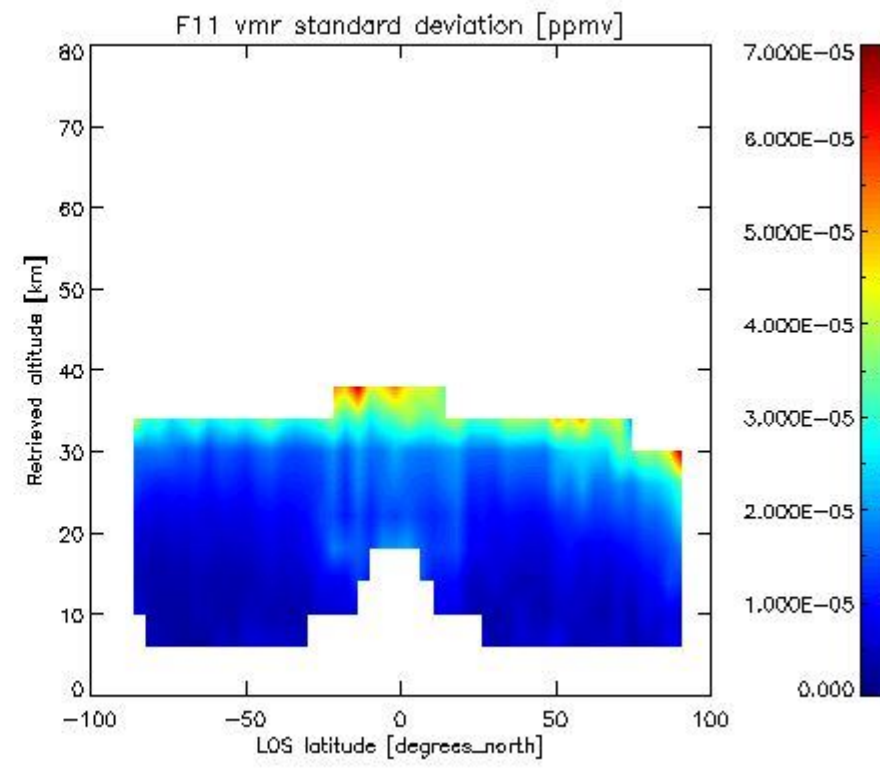
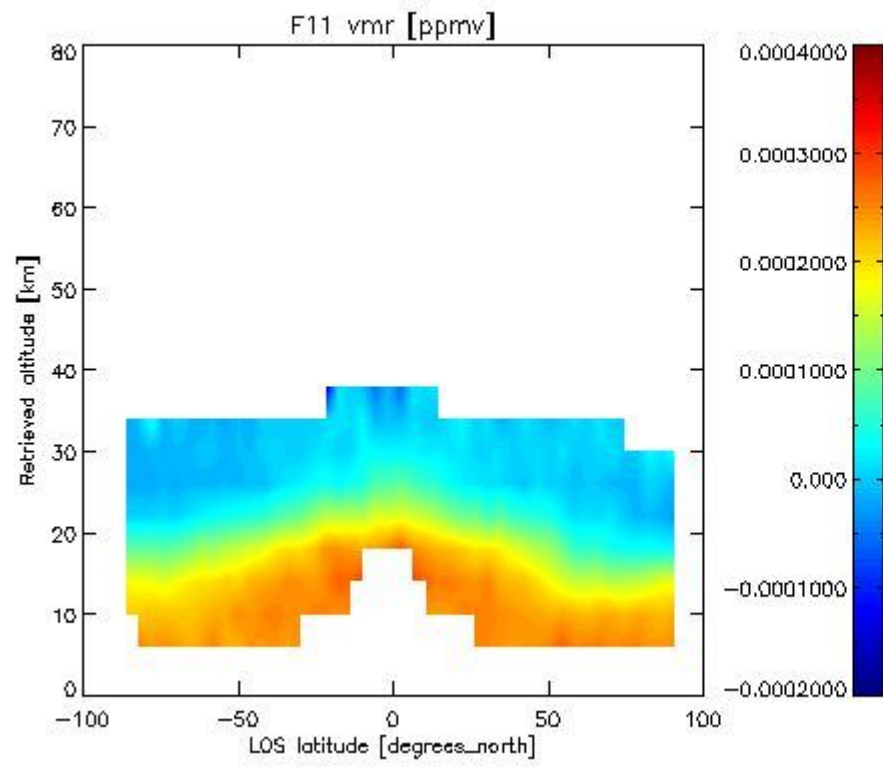
2.2.4.5 N₂O overview This section shows values (left) and error (right) for N₂O after binning individual sweep values over retrieved altitude and tangent latitude.



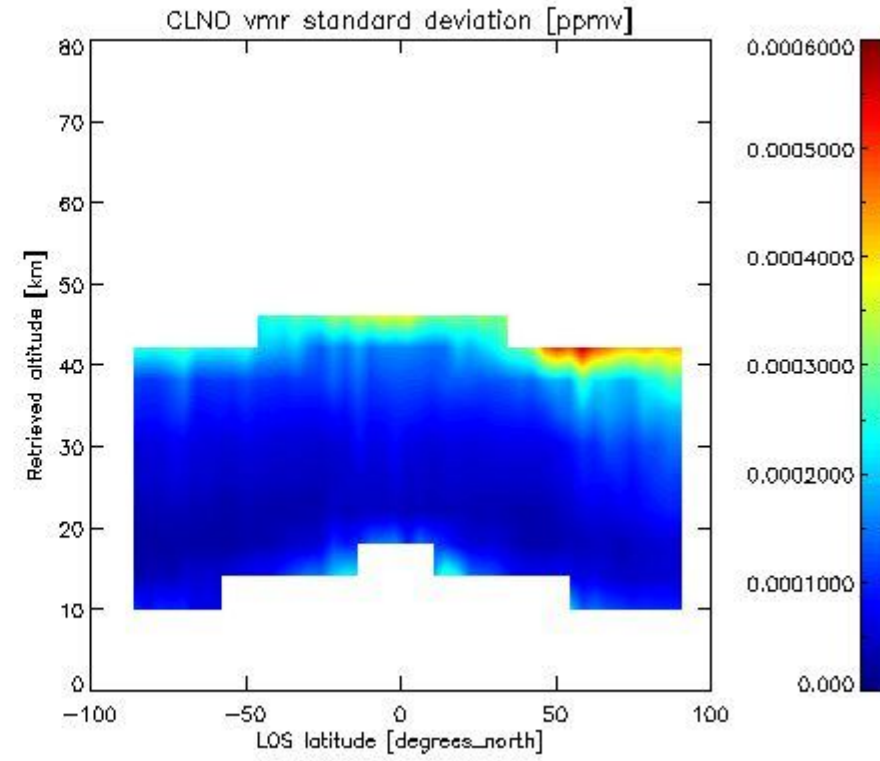
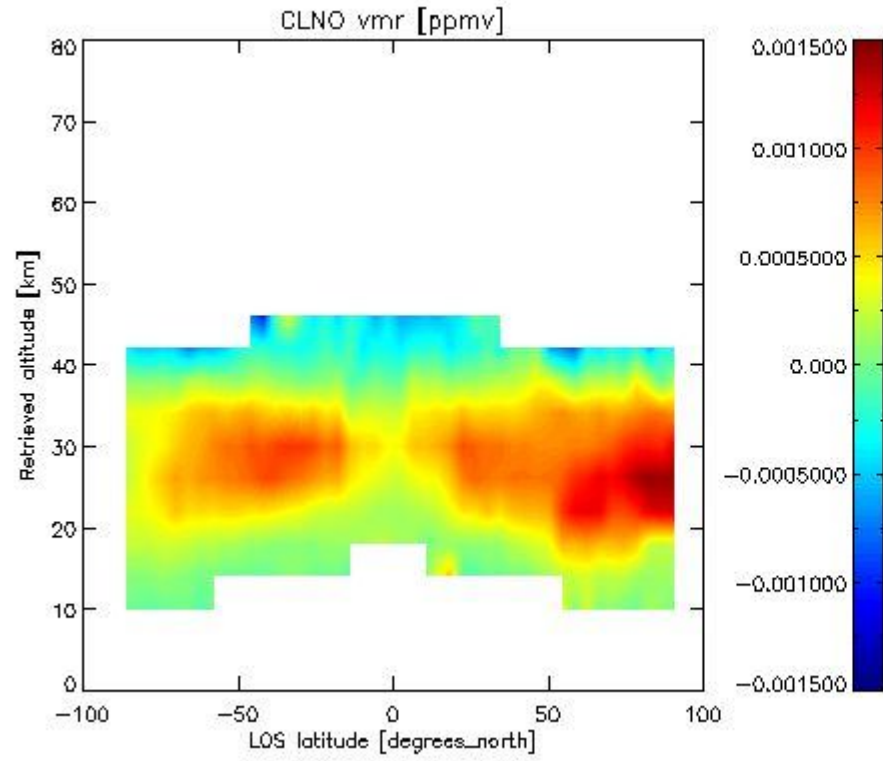
2.2.4.6 NO₂ overview This section shows values (left) and error (right) for NO₂ after binning individual sweep values over retrieved altitude and Sun Elevation Angle. Note that for NO₂ the bin heights are 6 km.

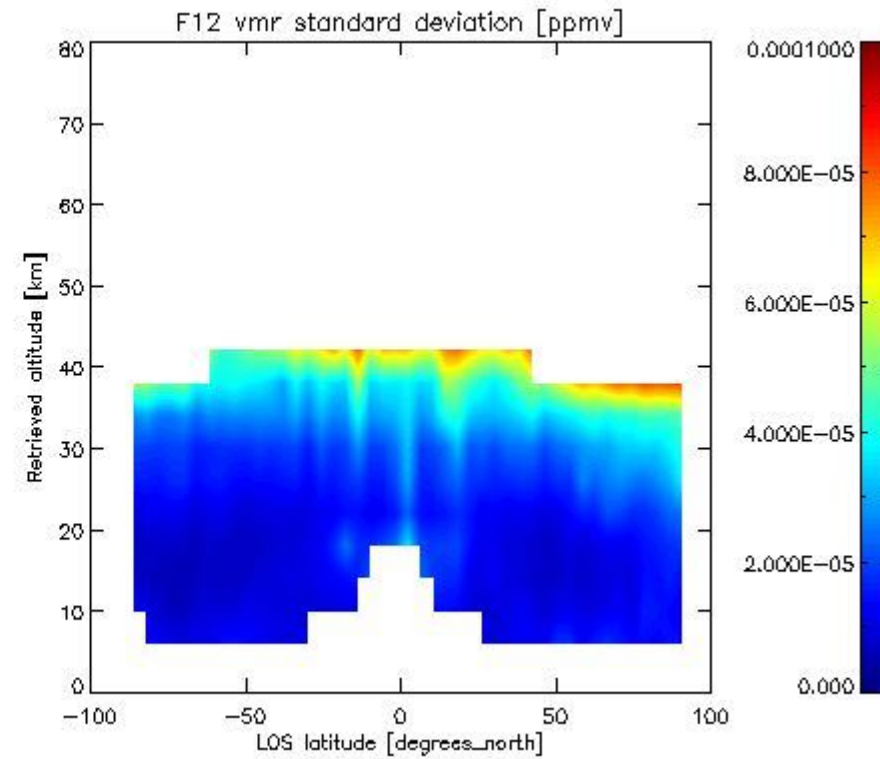
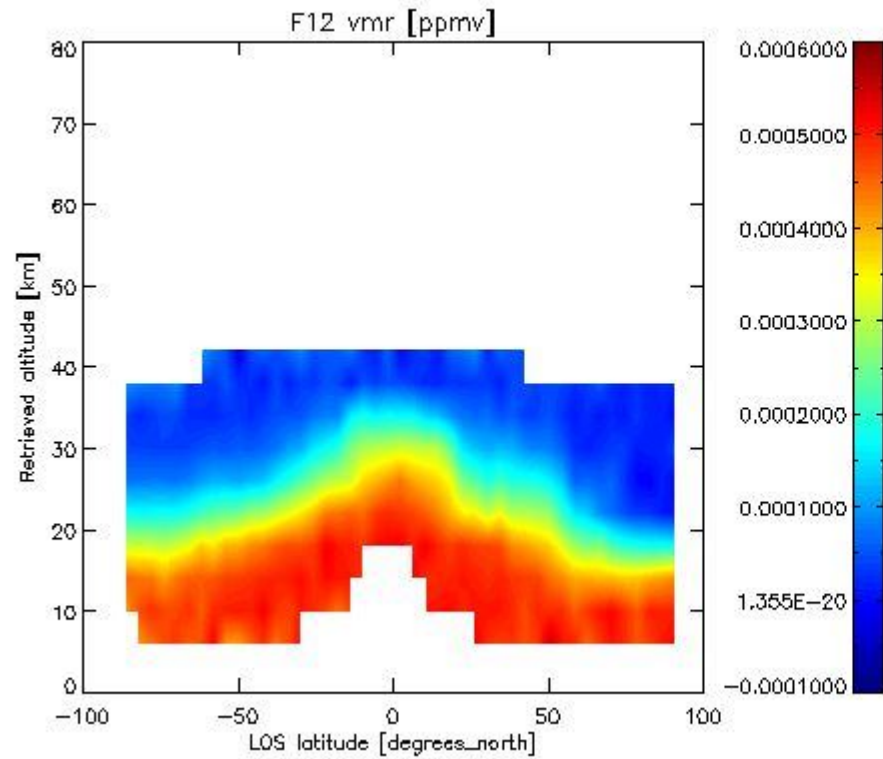
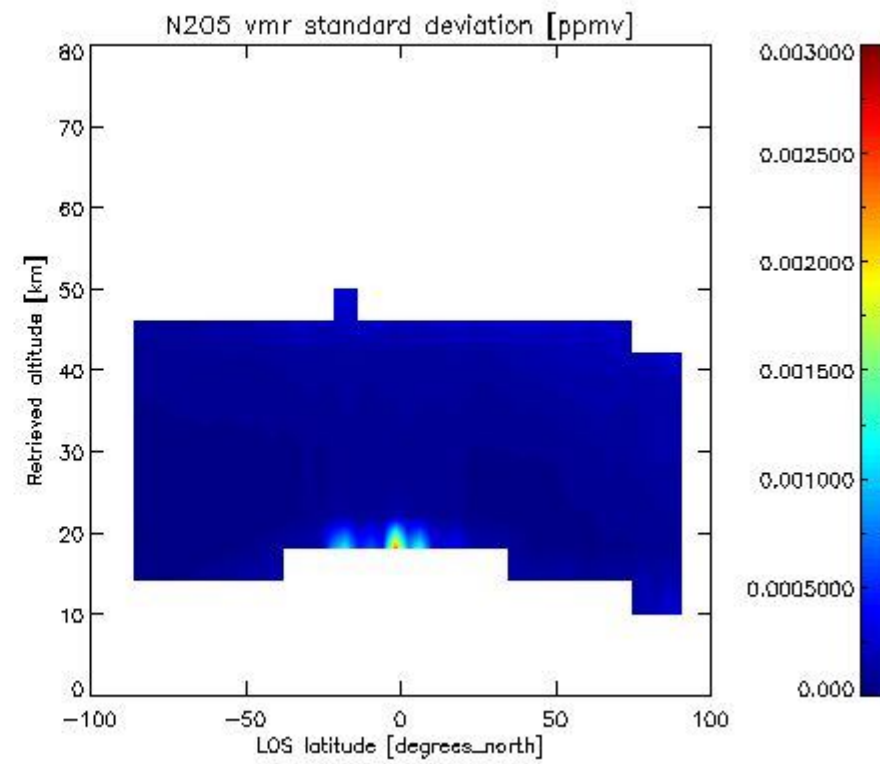
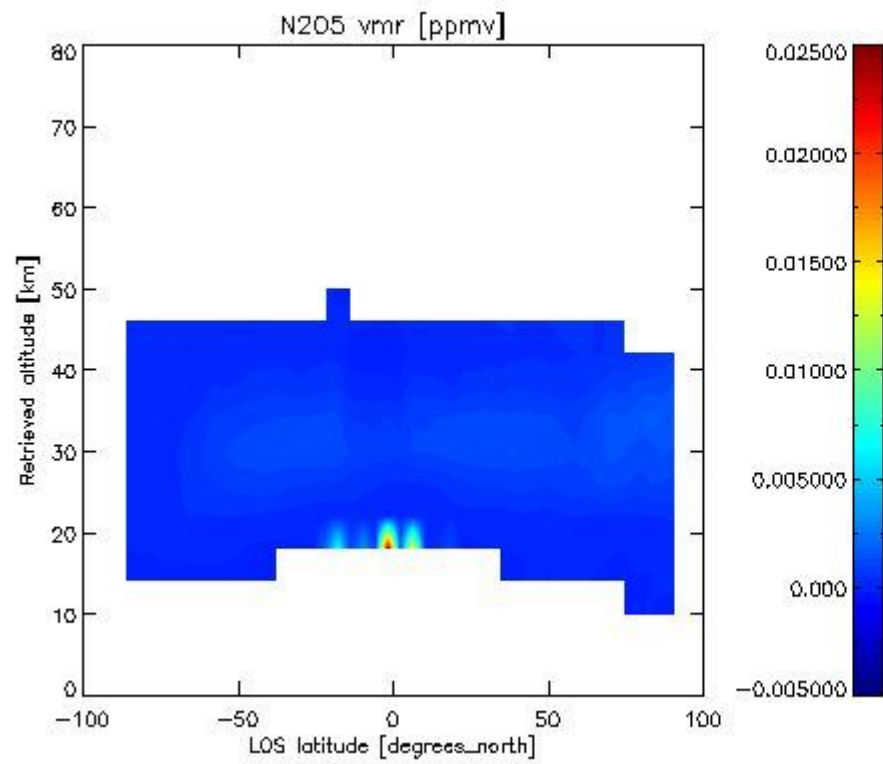


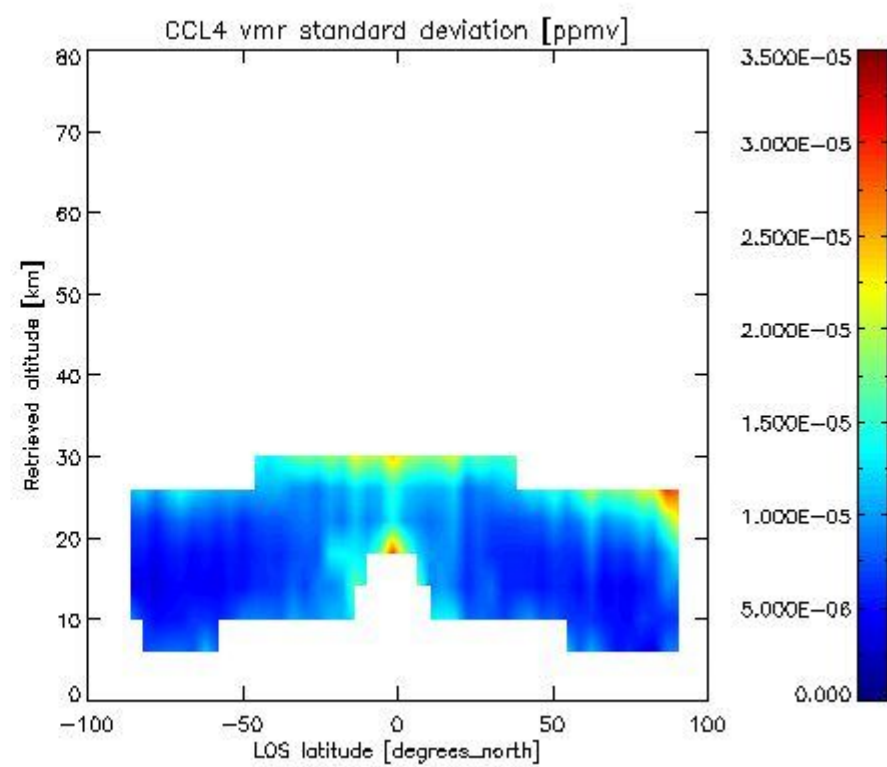
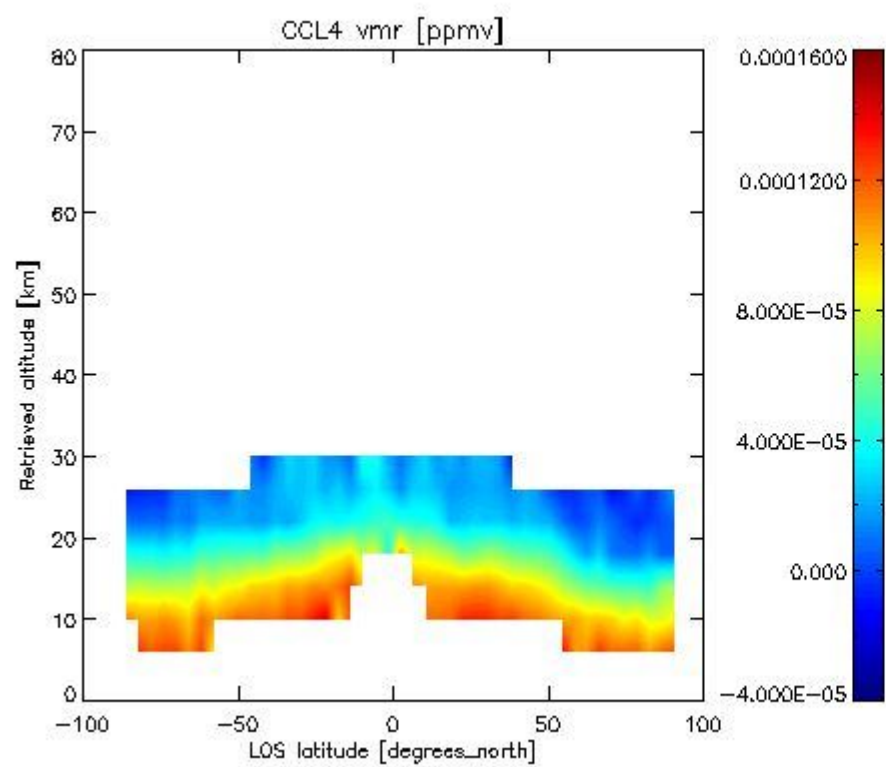
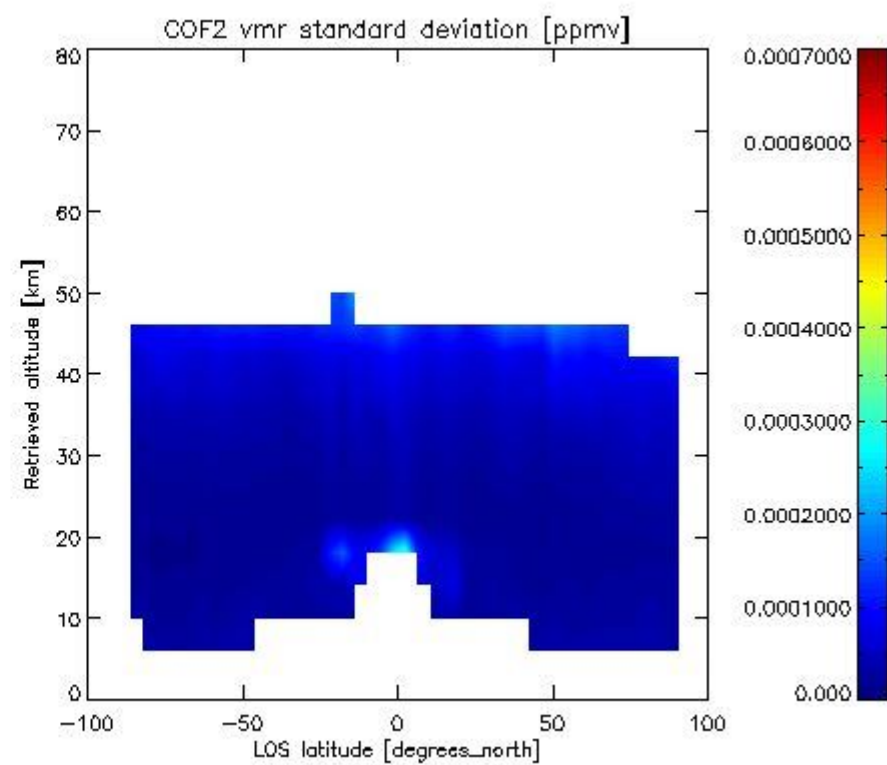
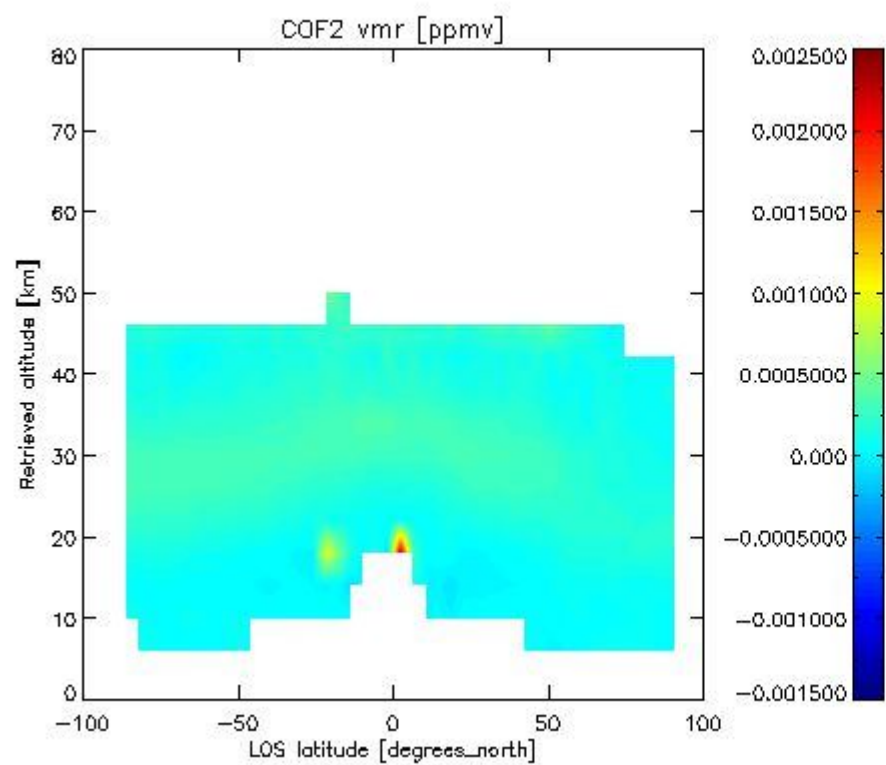
2.2.4.7 F11 overview This section shows values (left) and error (right) for F11 after binning individual sweep values over retrieved altitude and tangent latitude.

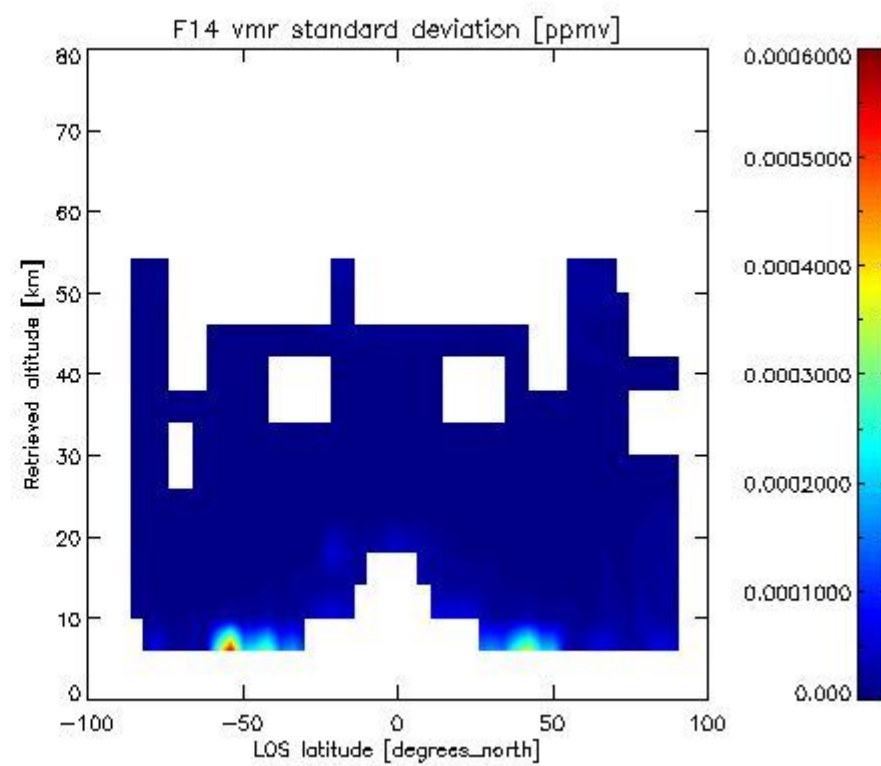
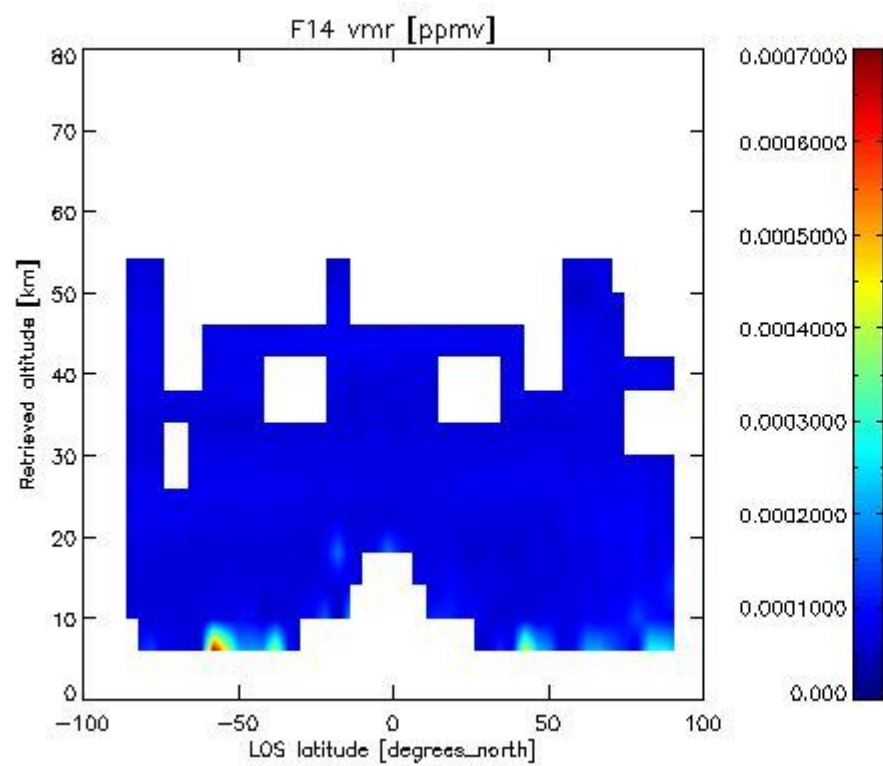
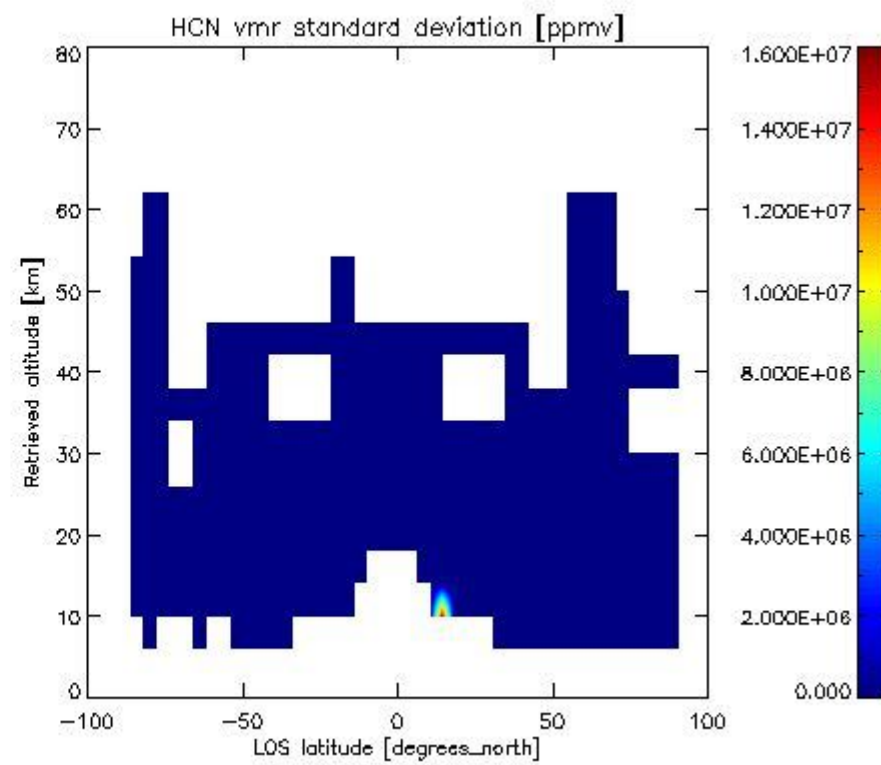
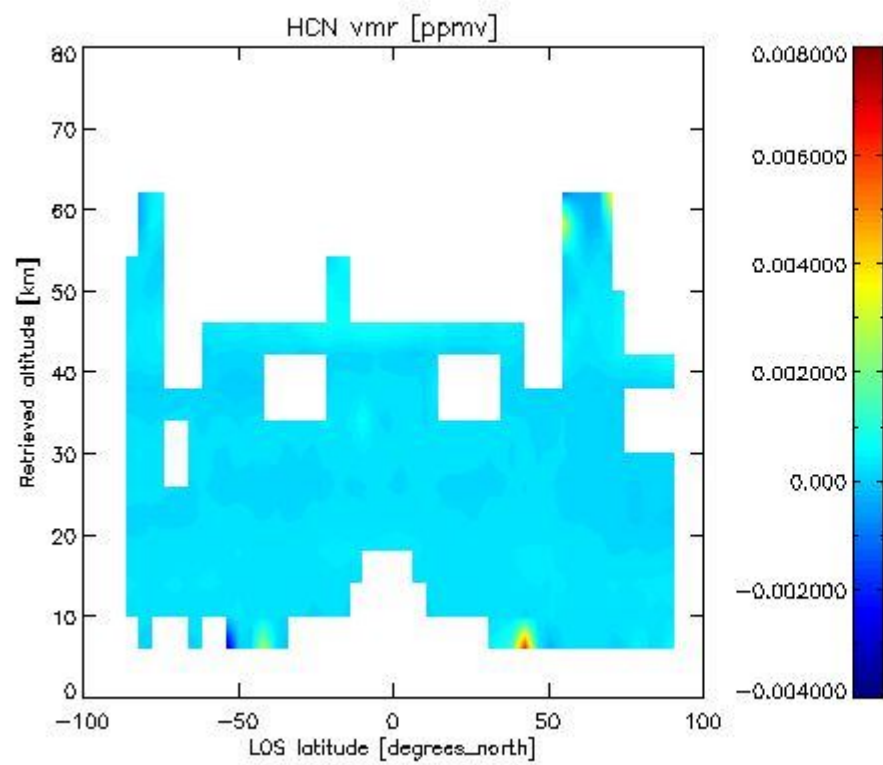


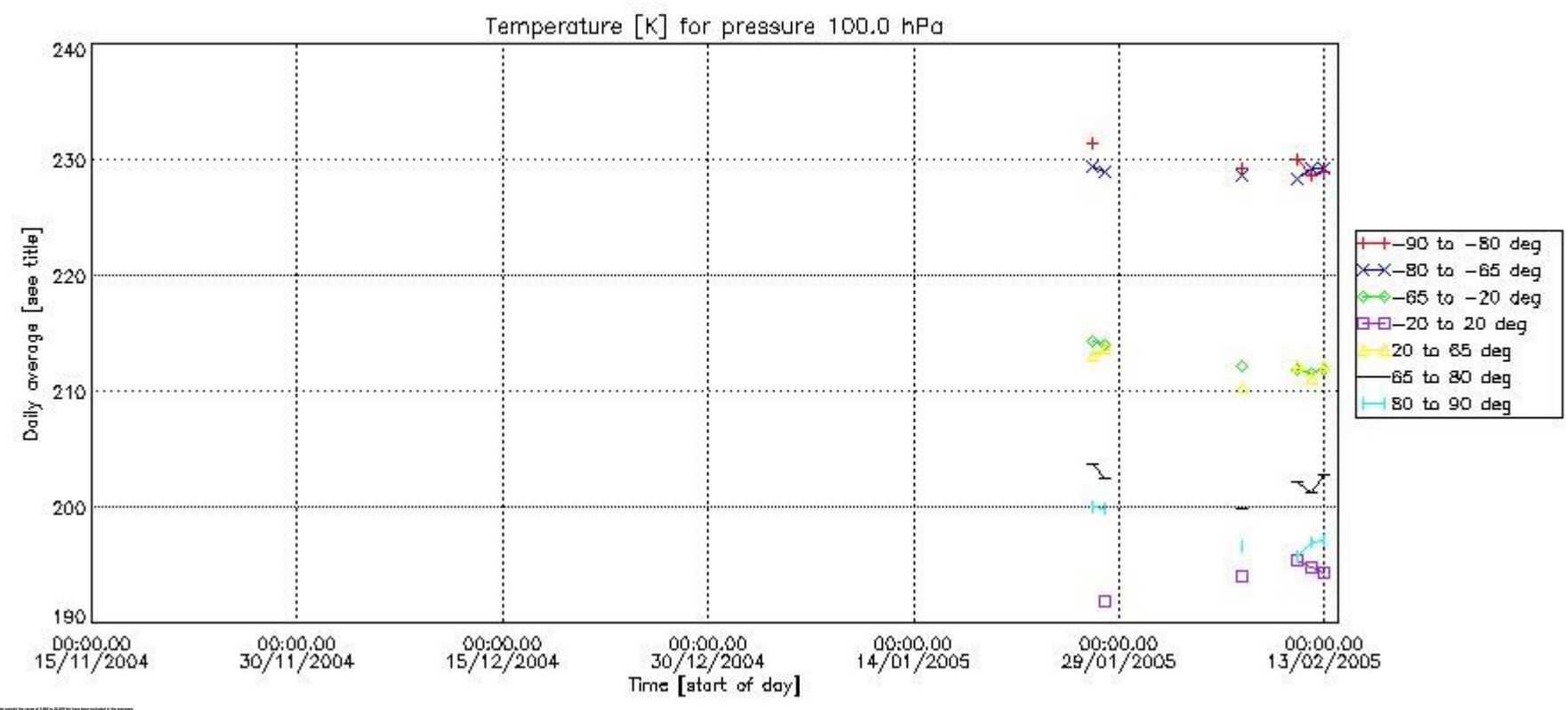
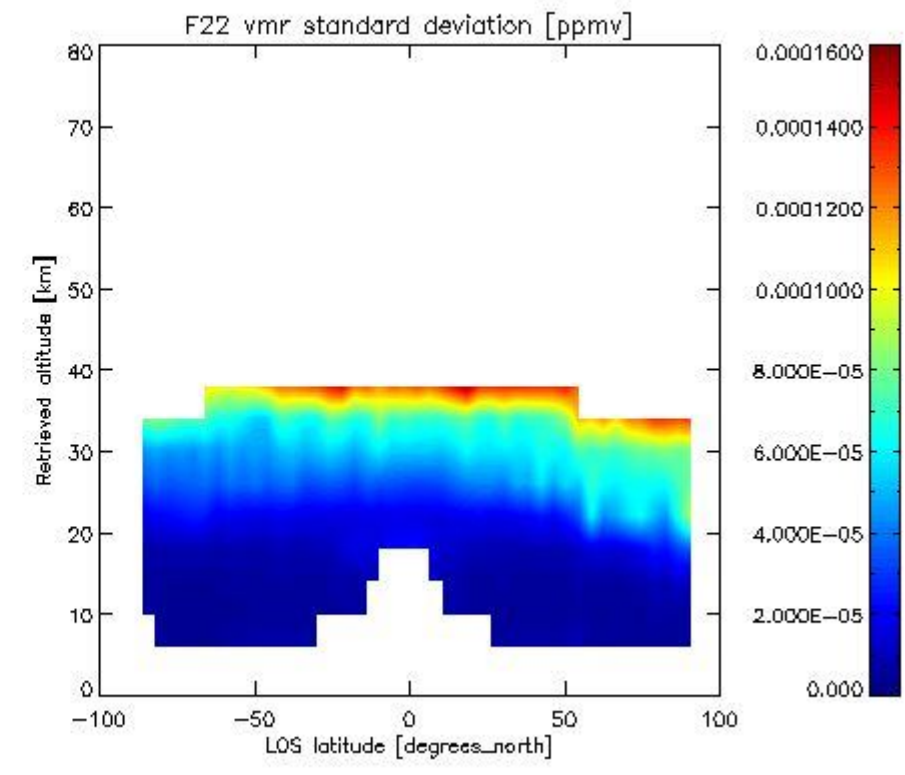
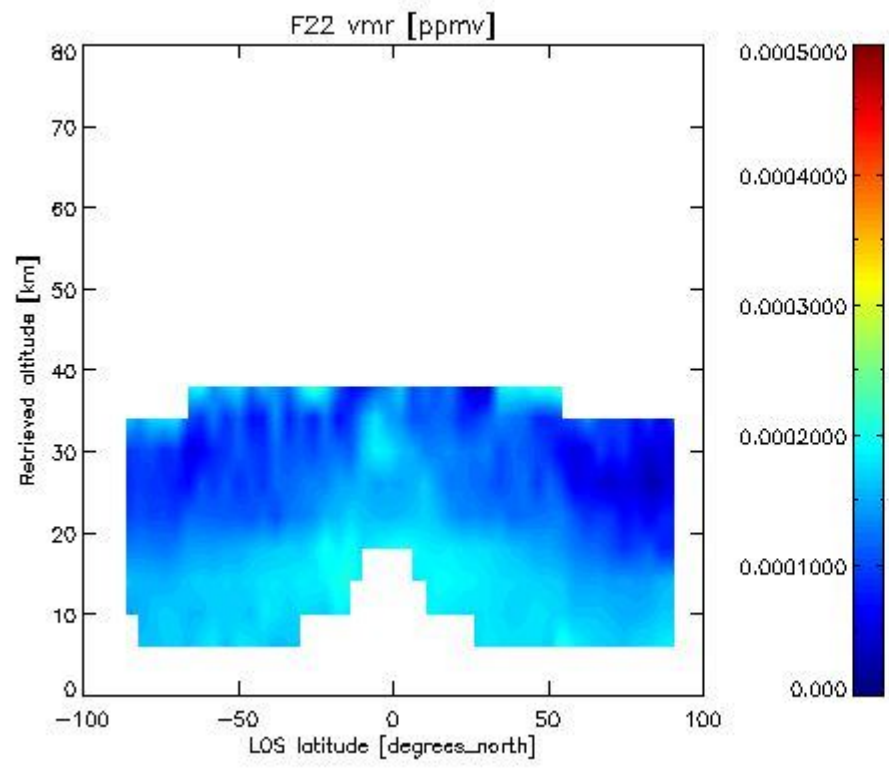
2.3.4.4 CLNO overview This section shows values (left) and error (right) for CLNO after binning individual vmr values over retrieved altitude and target latitude.

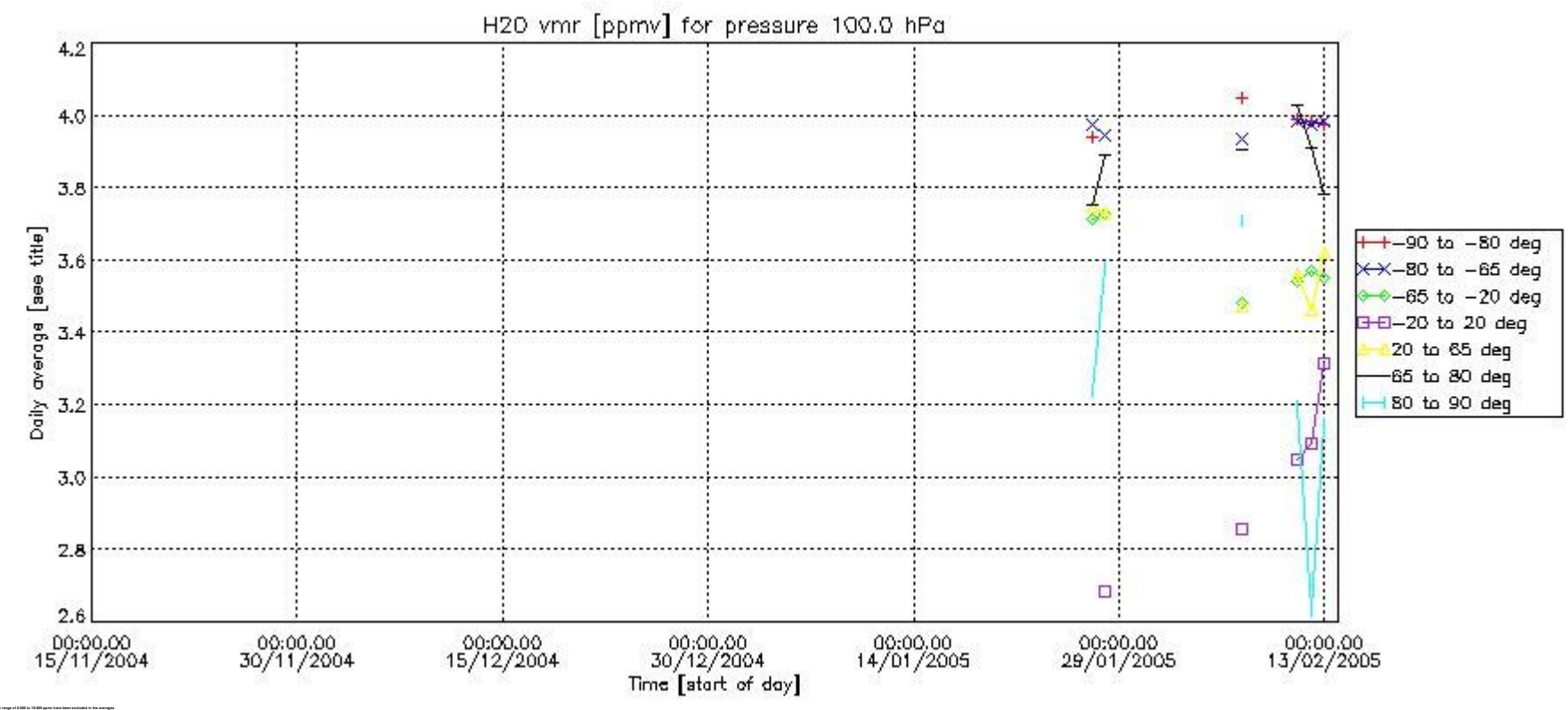
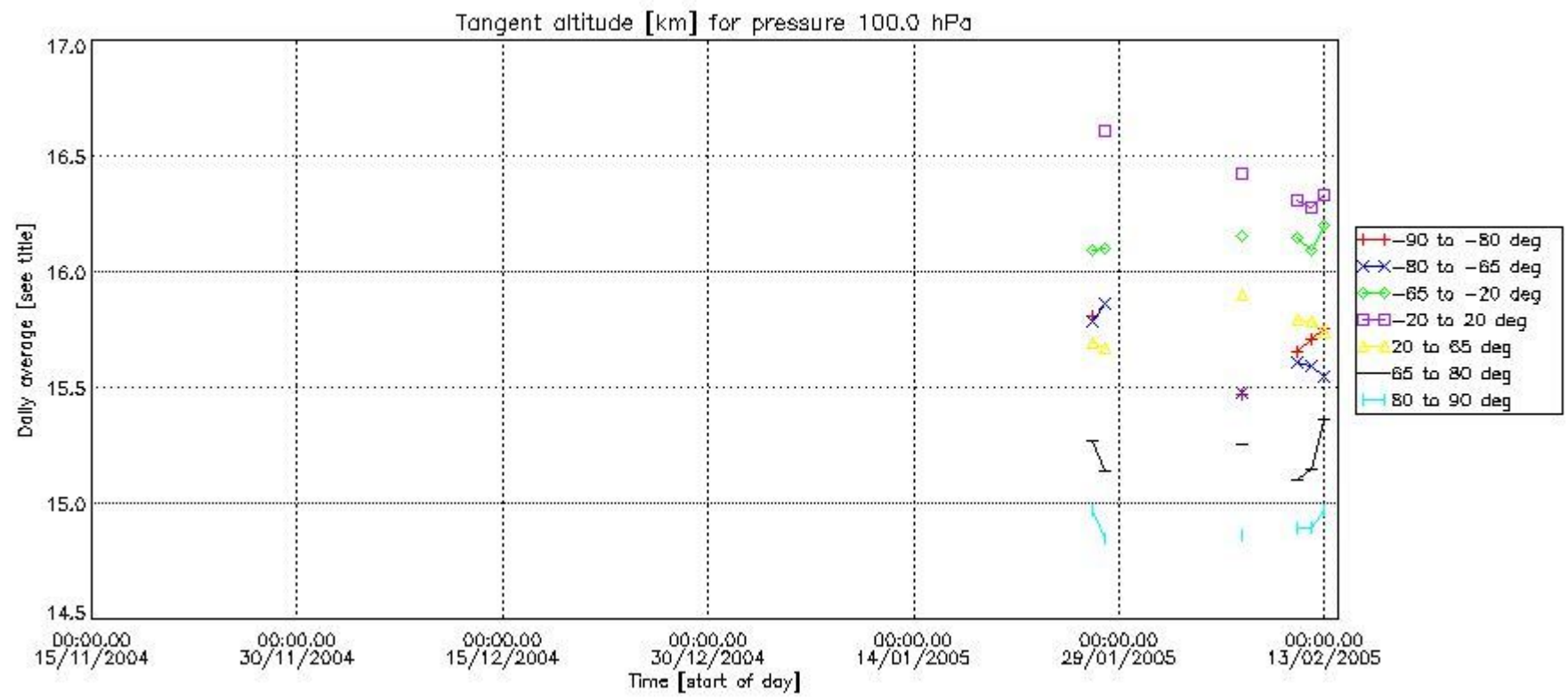


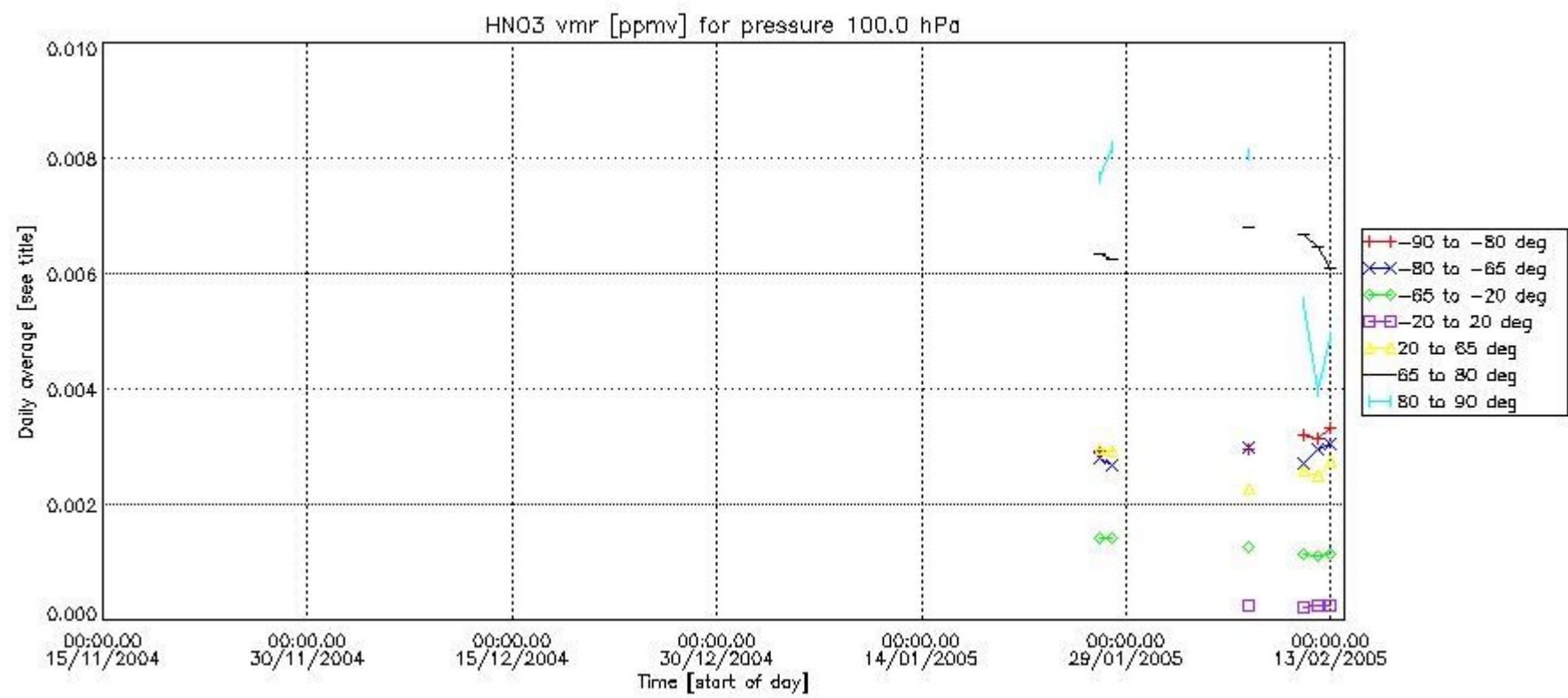
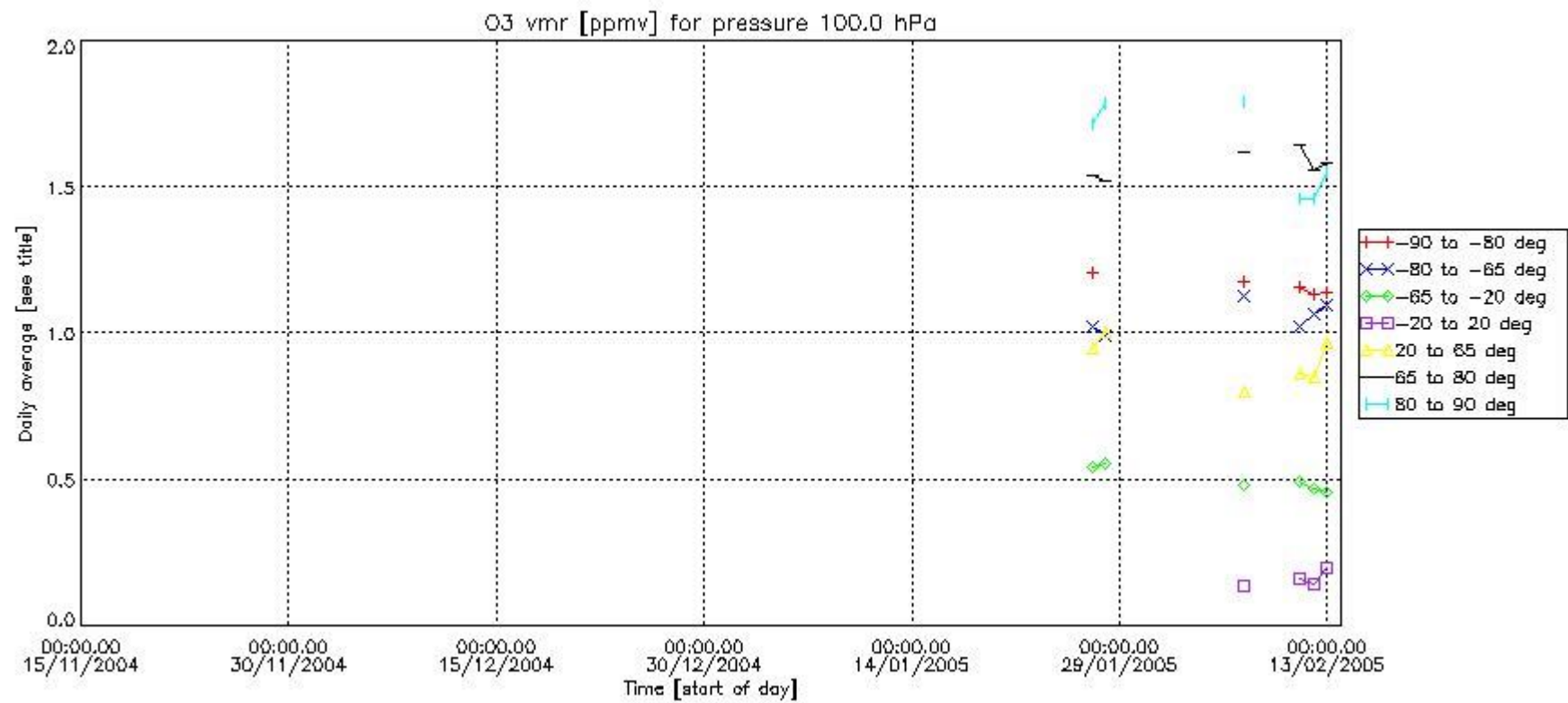


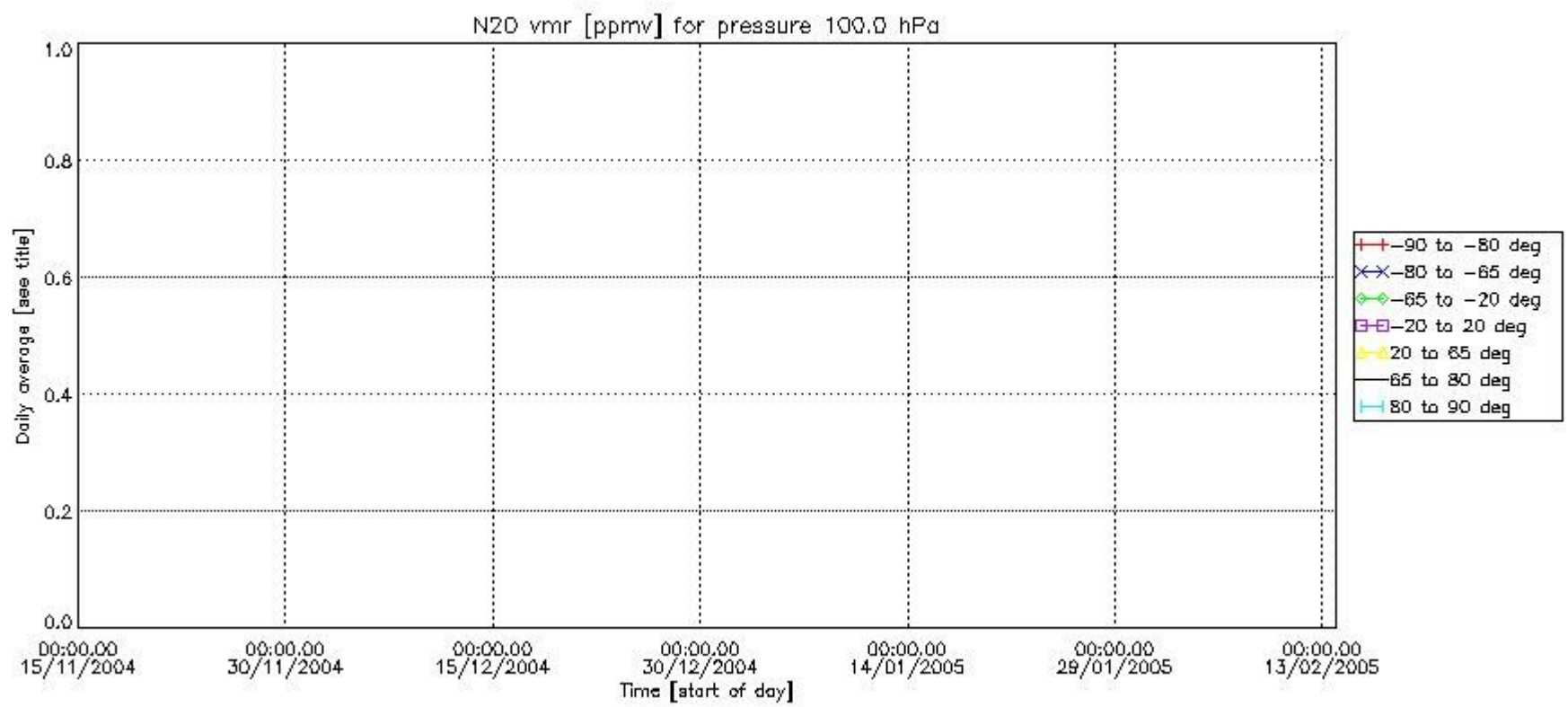
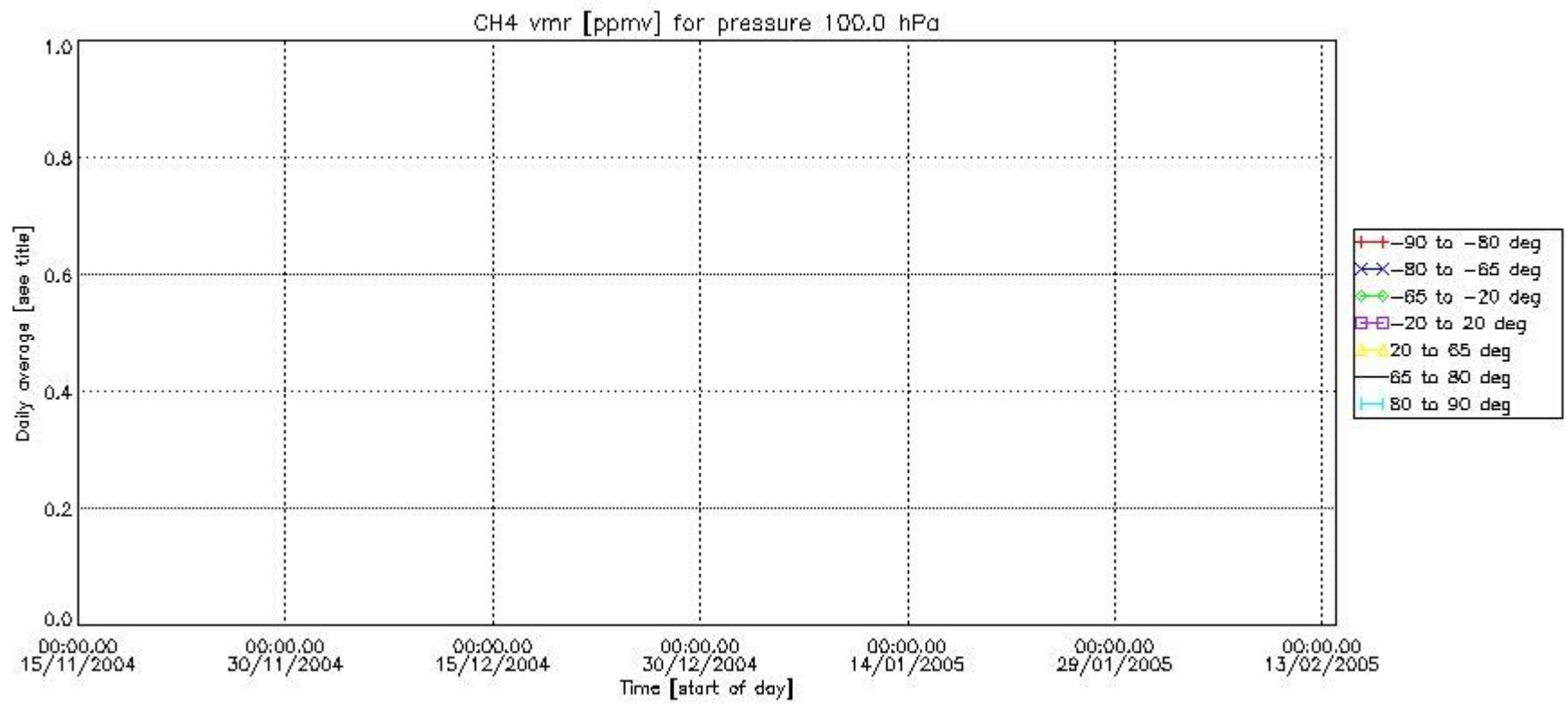


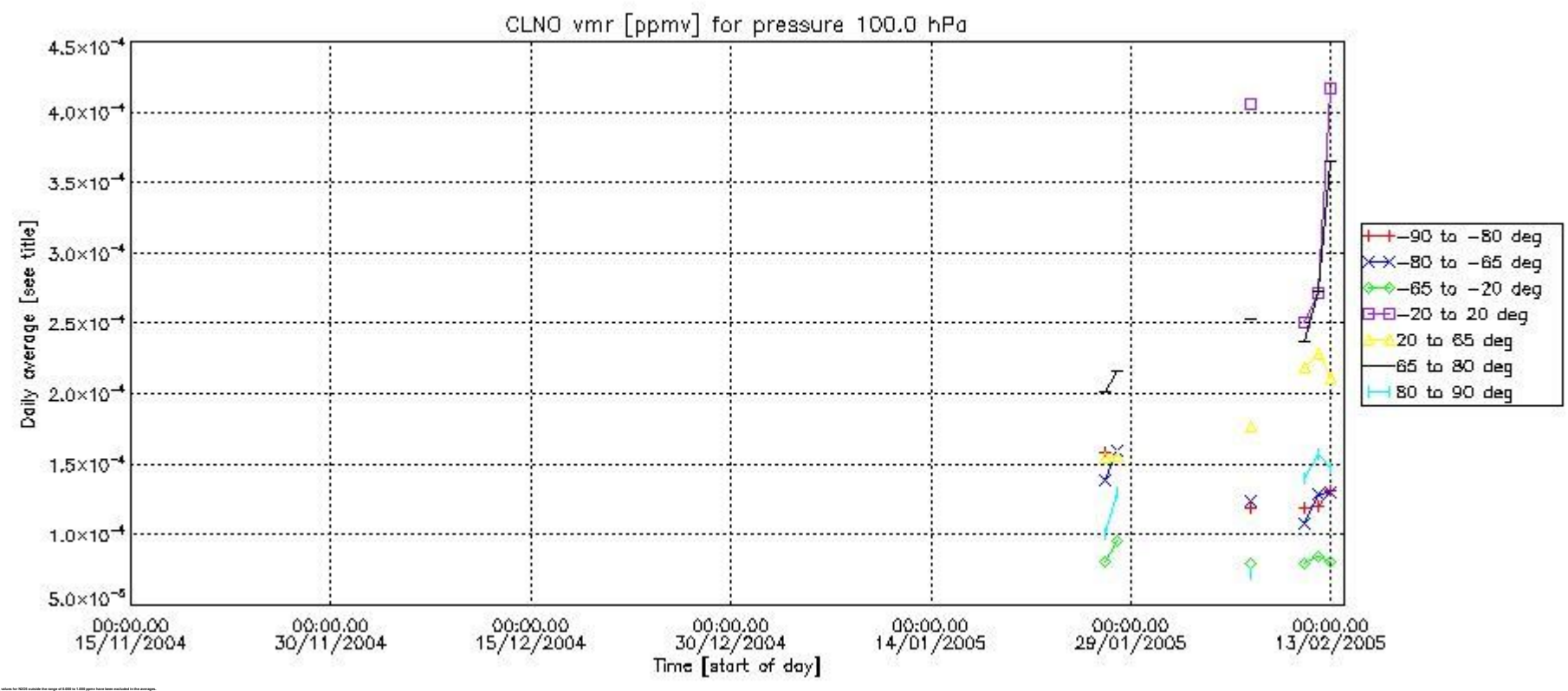
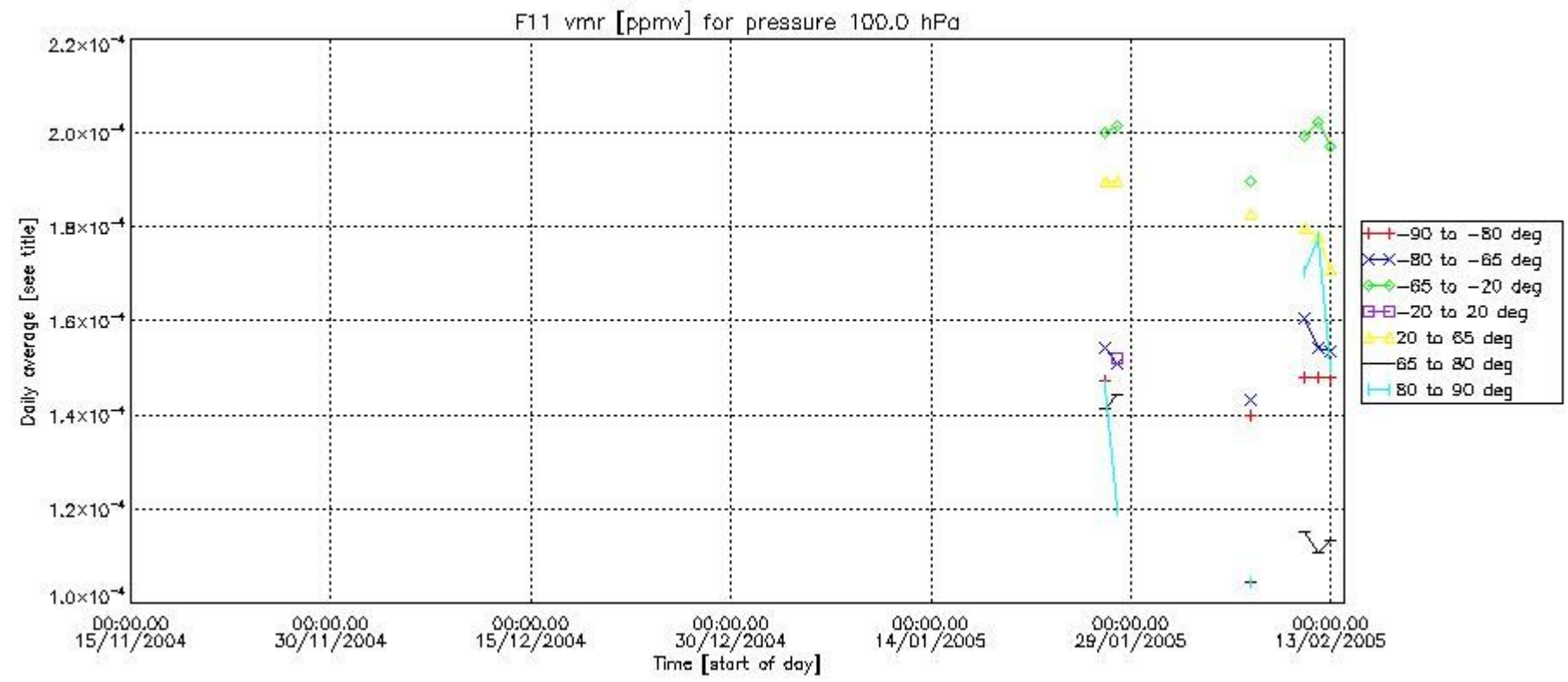


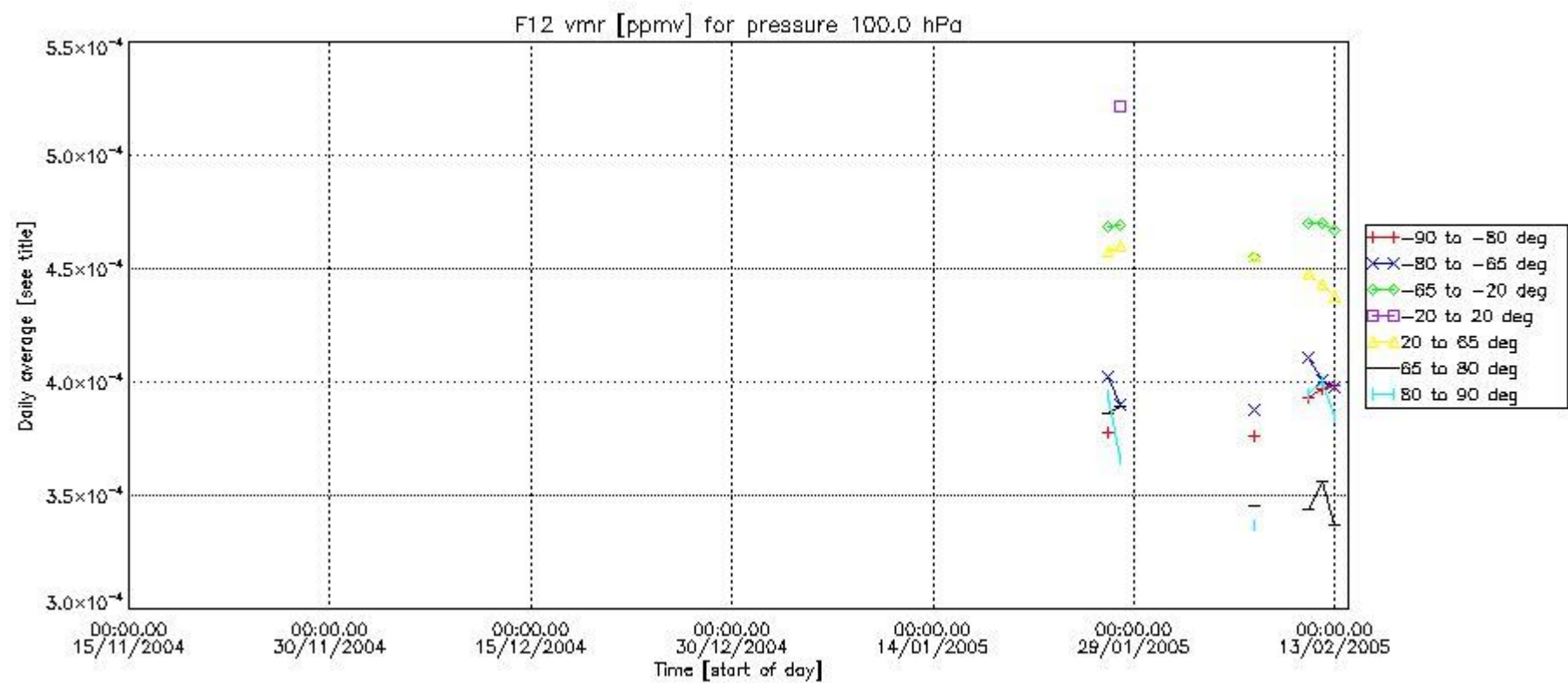
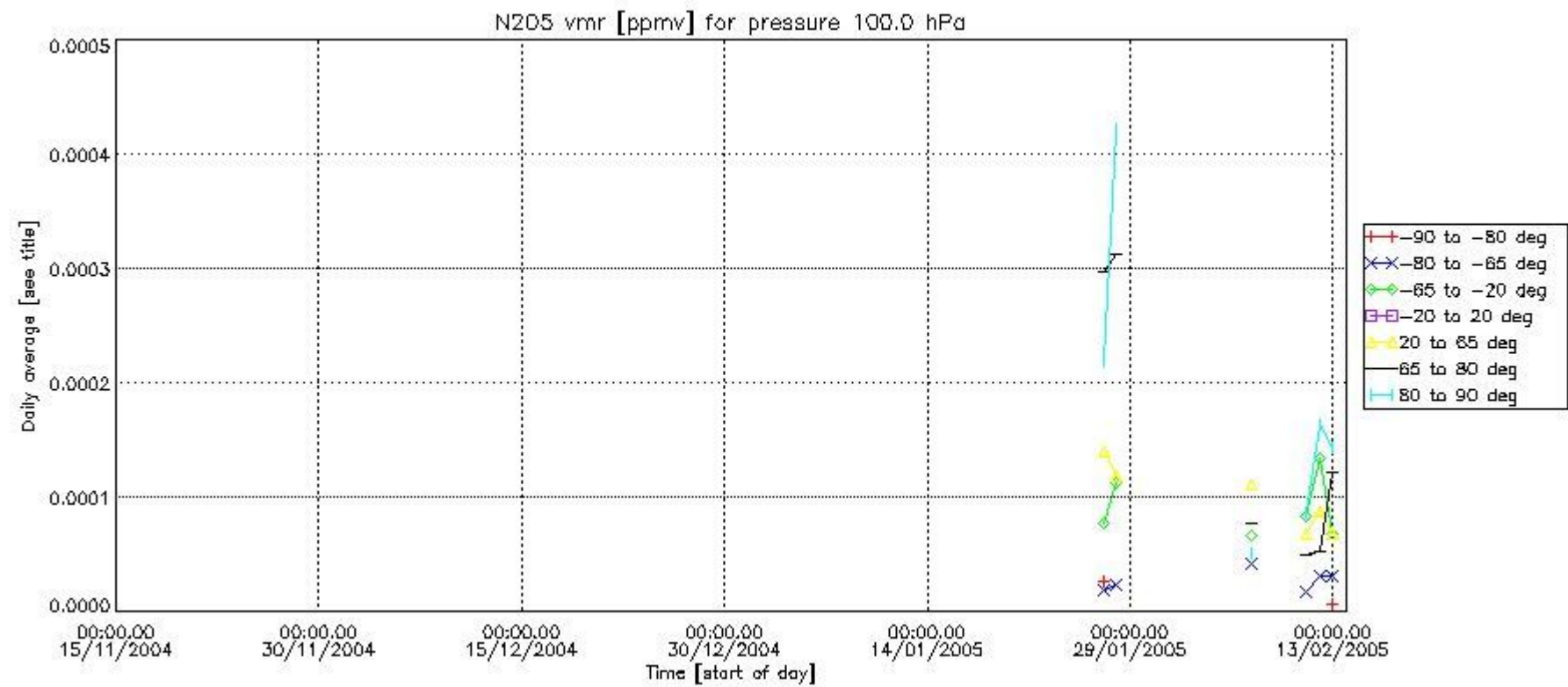


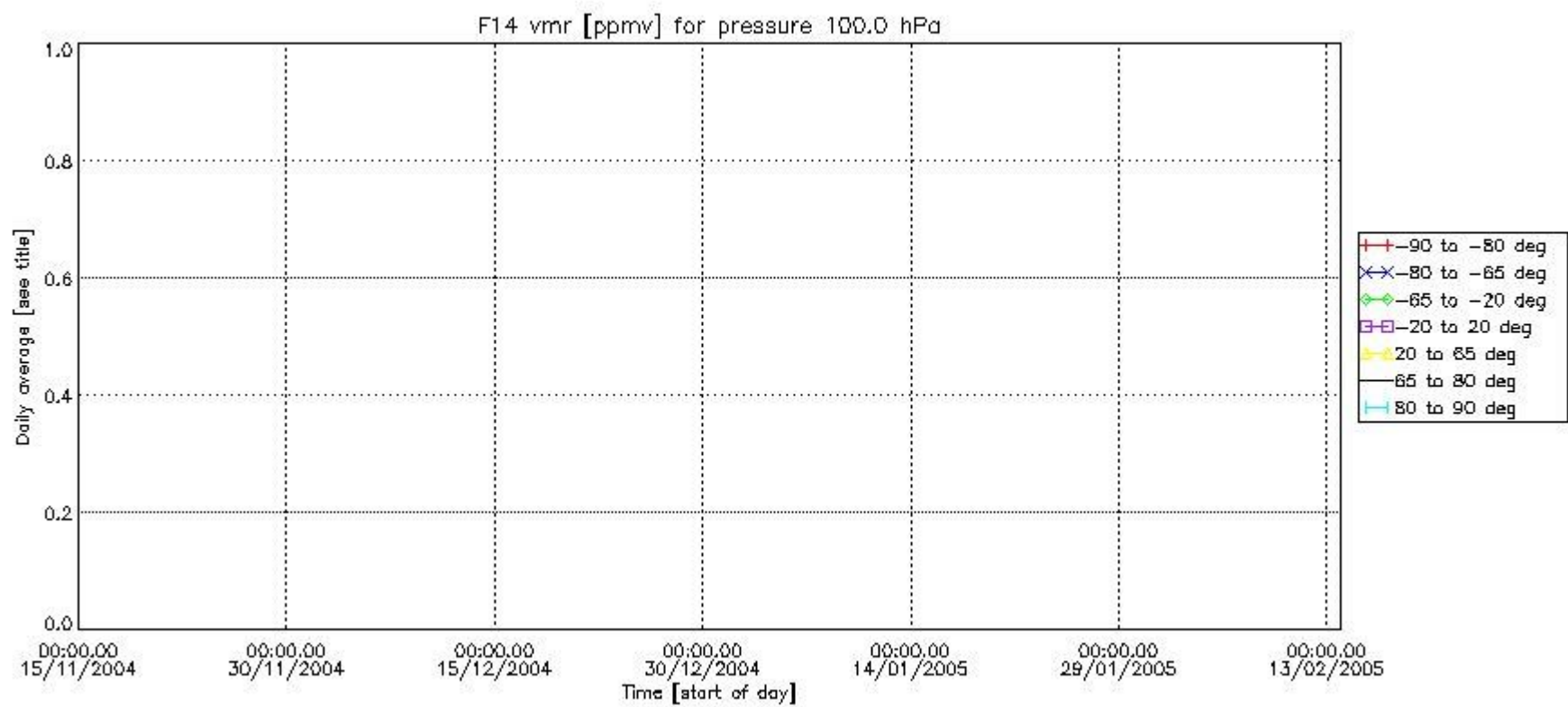
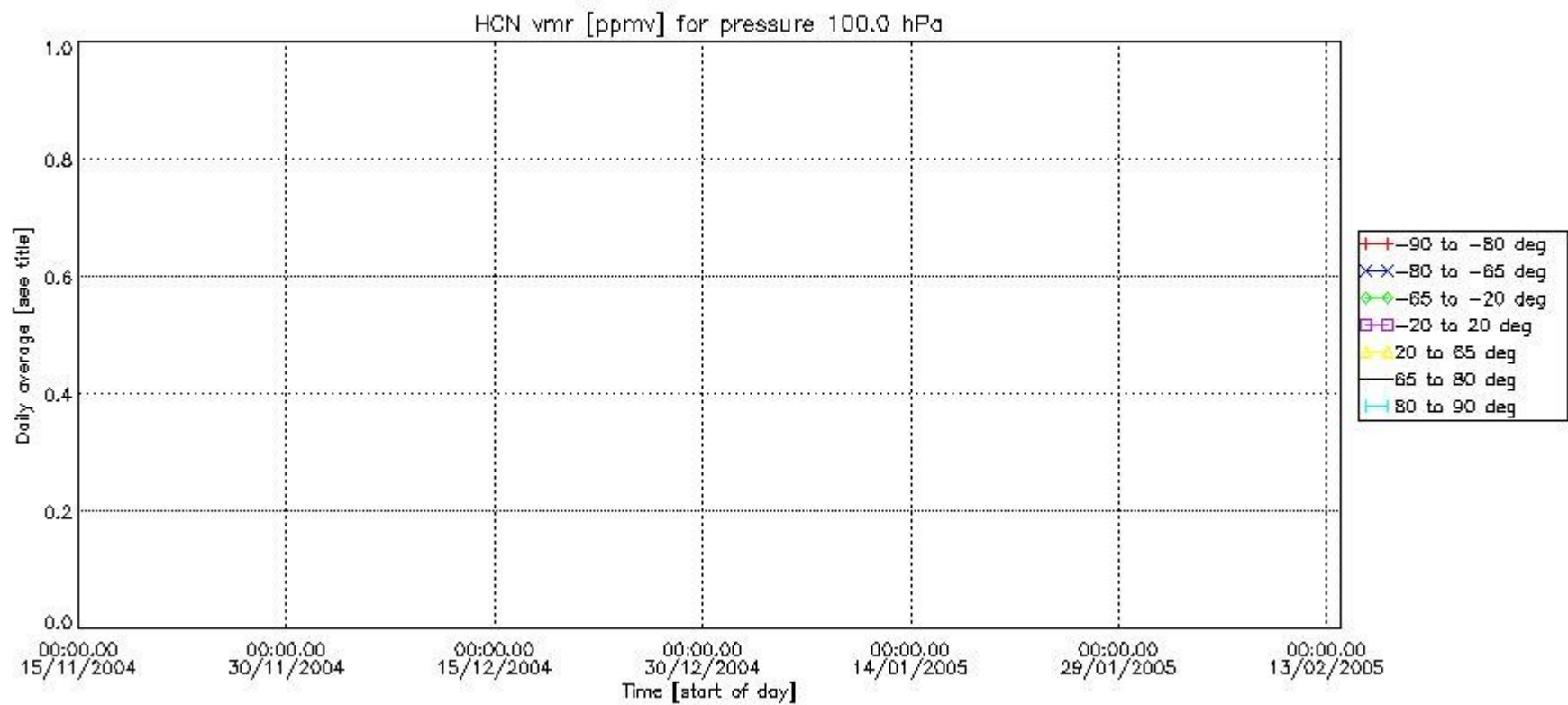


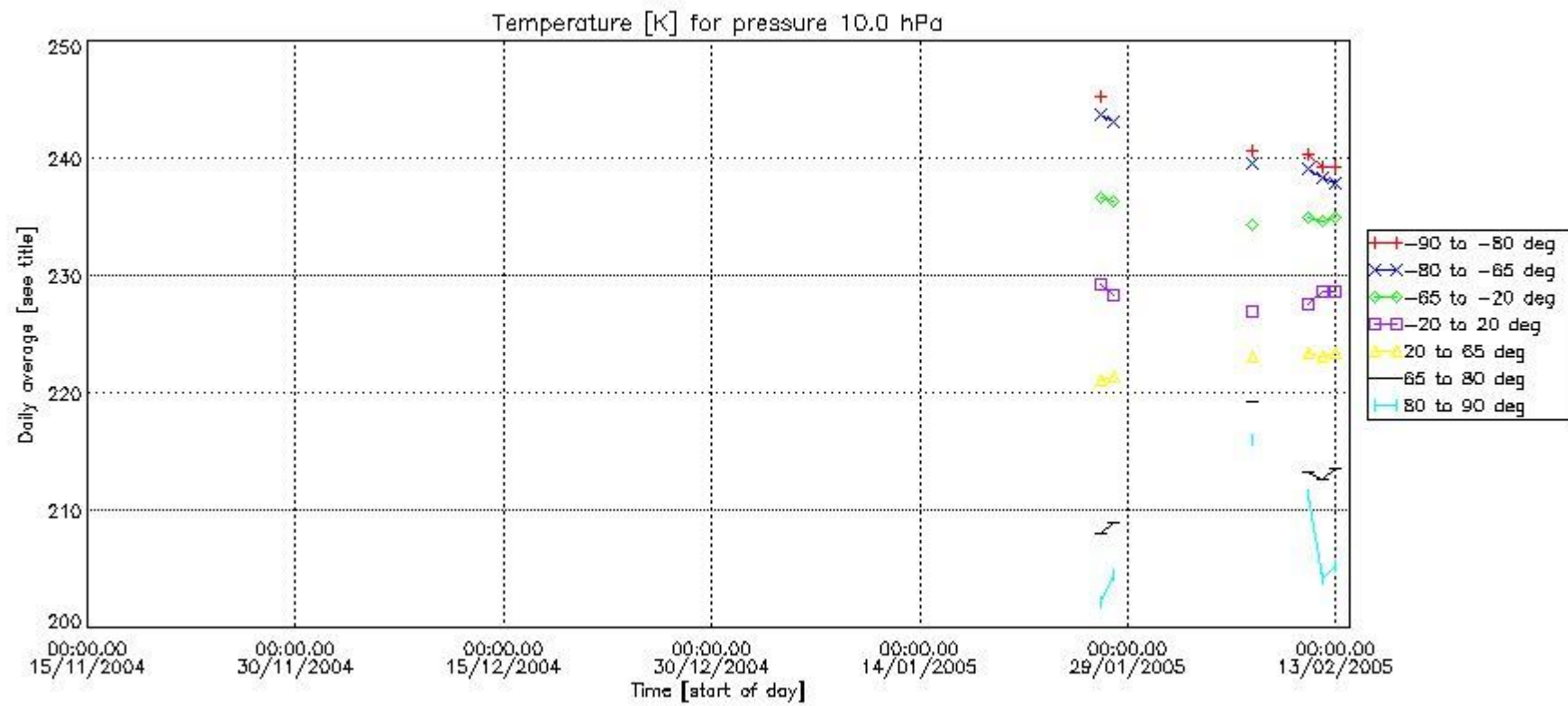
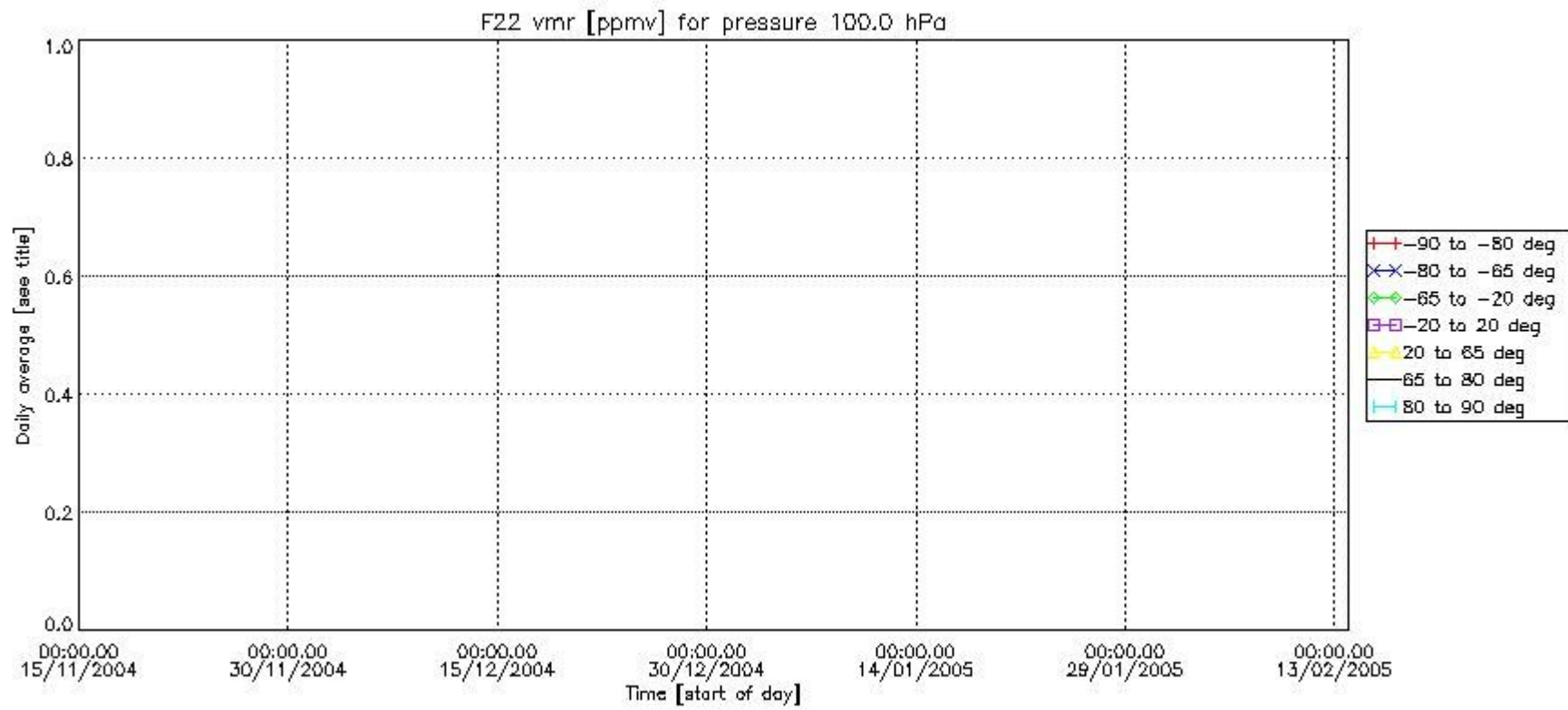


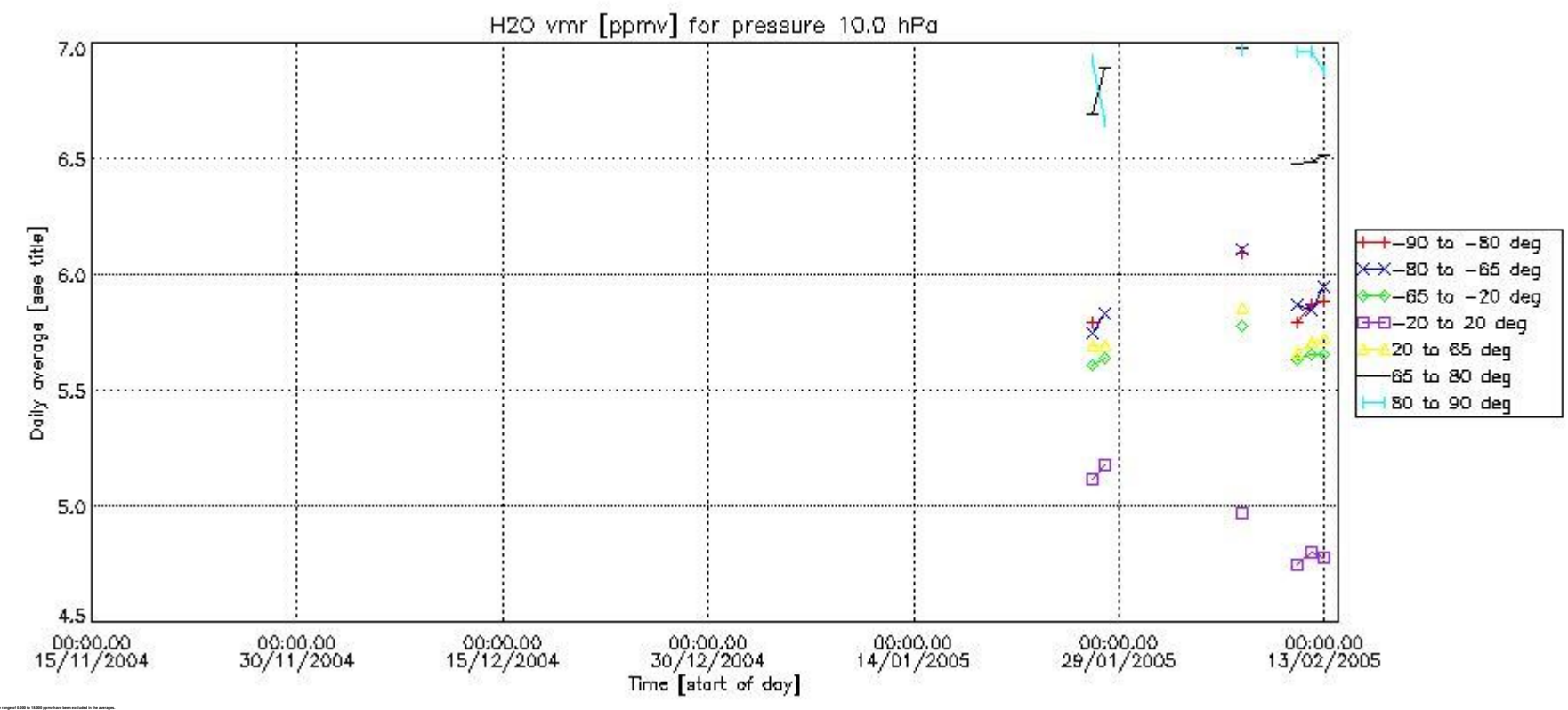
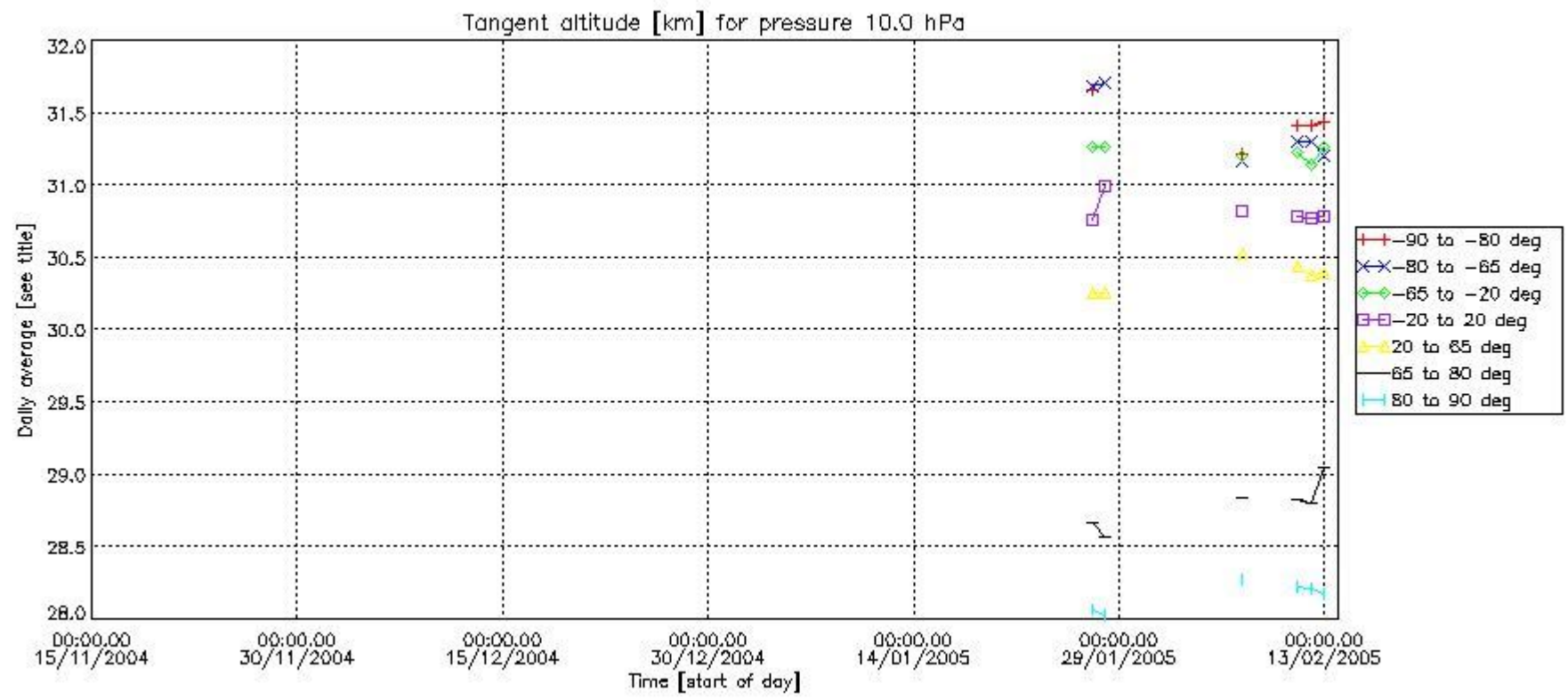


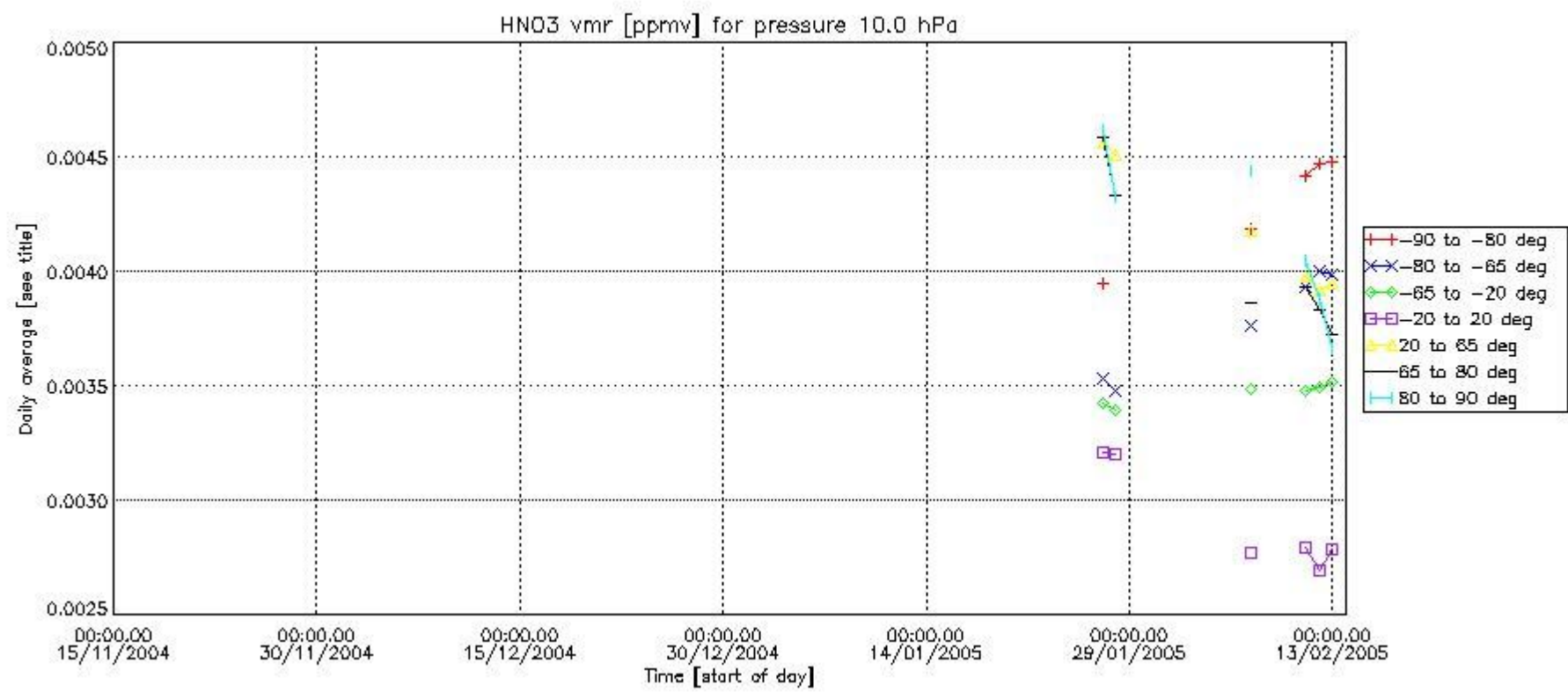
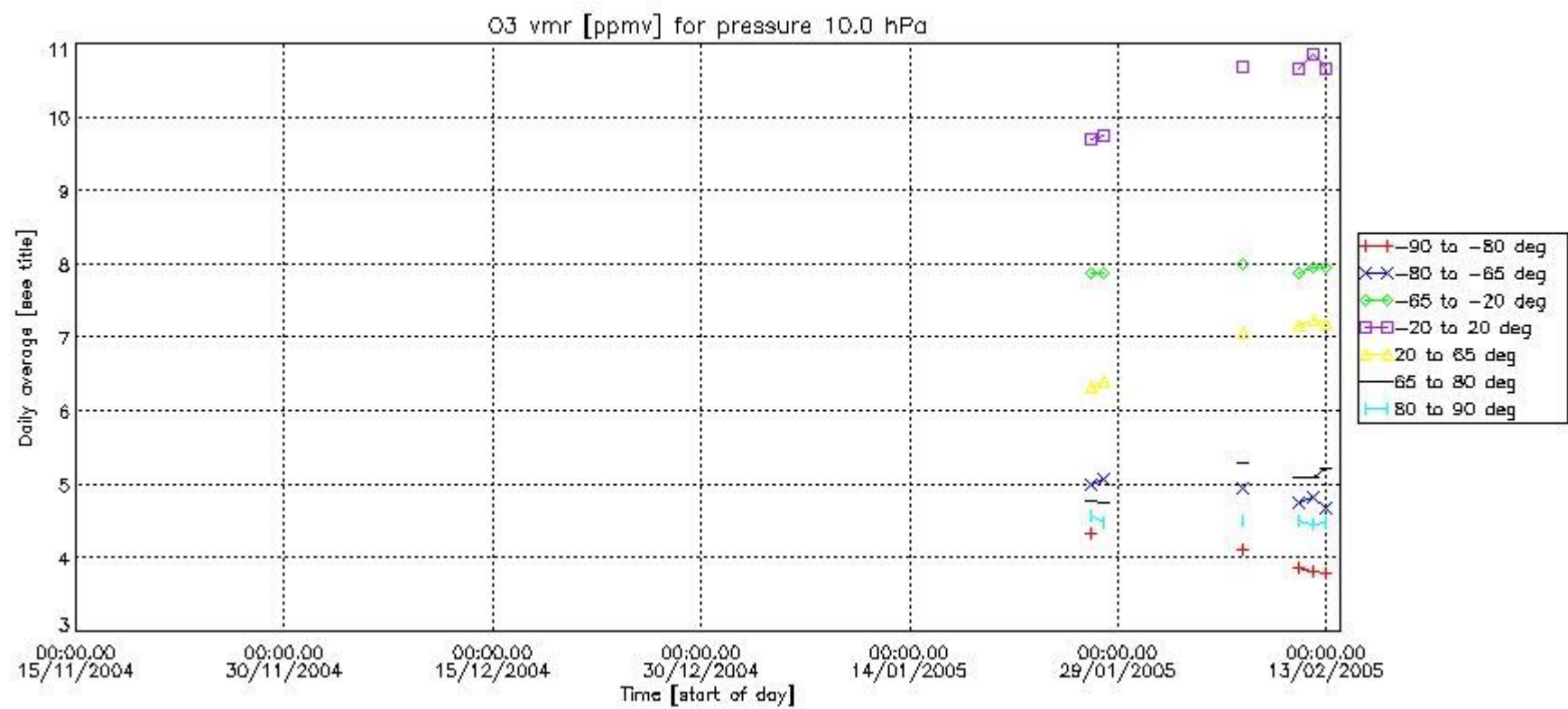


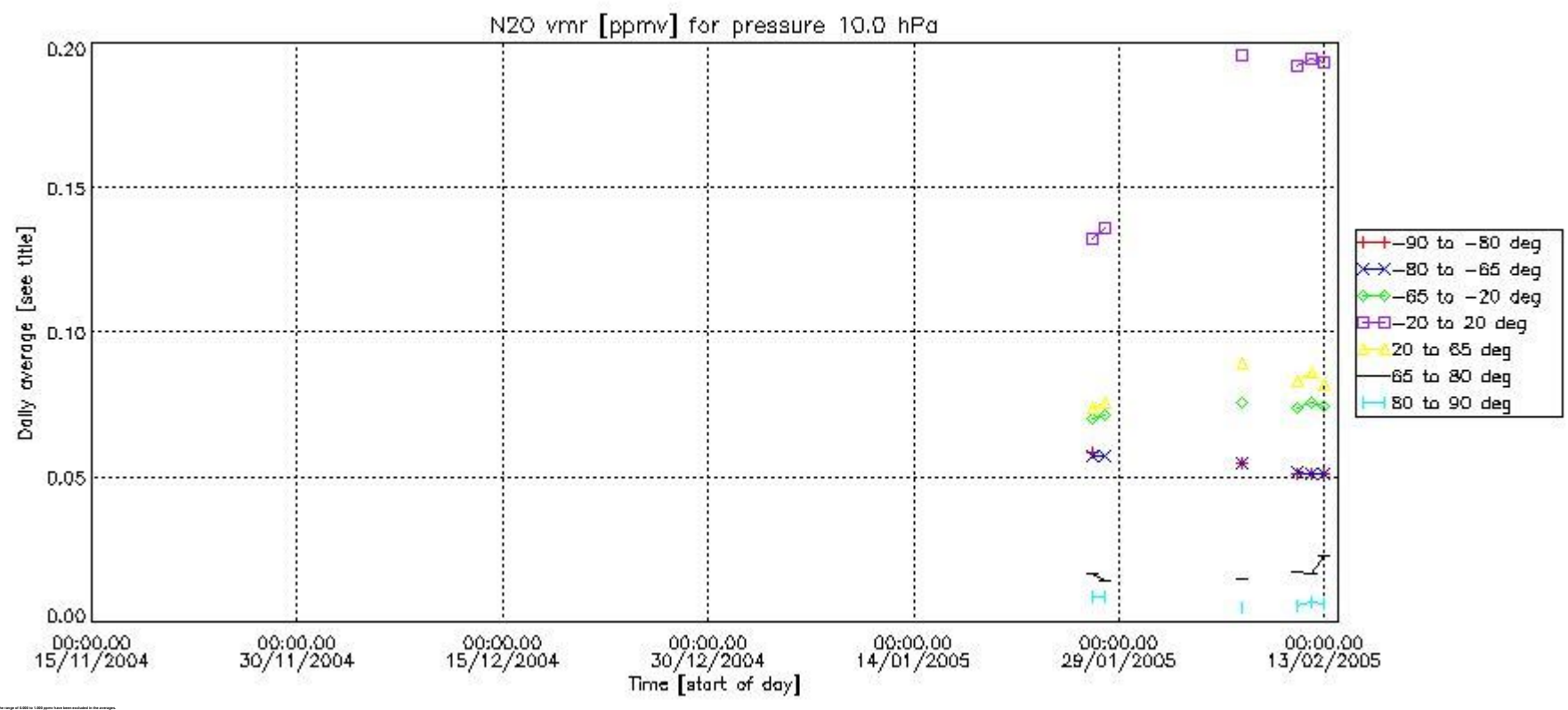
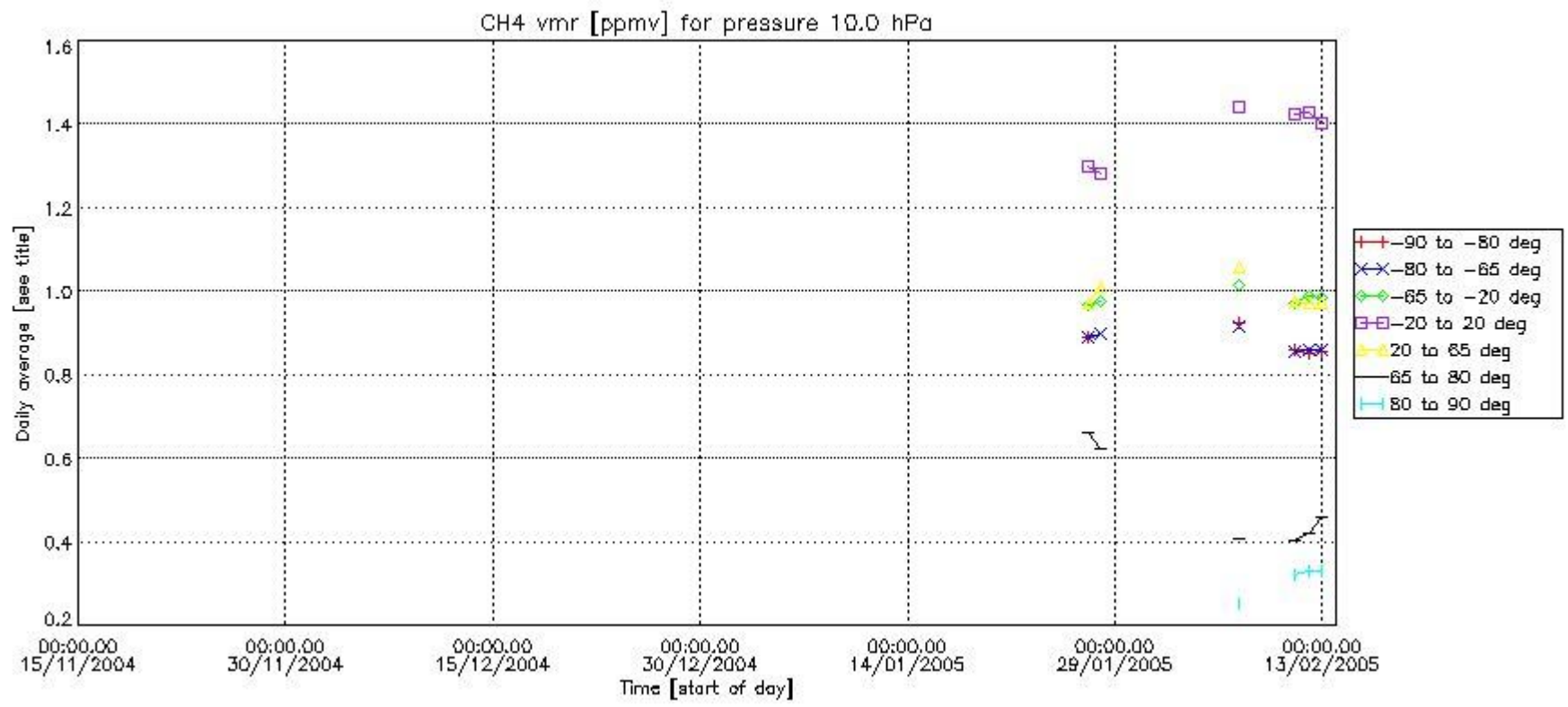


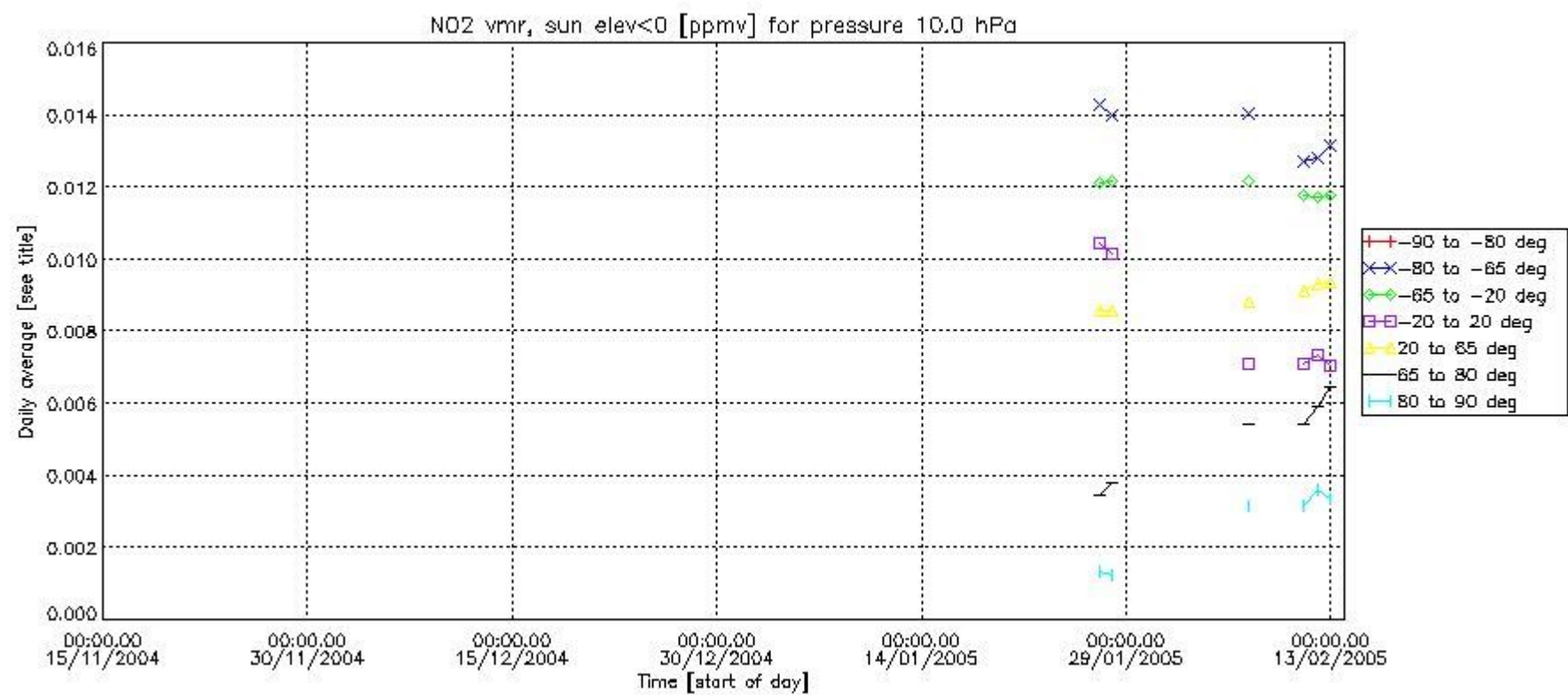
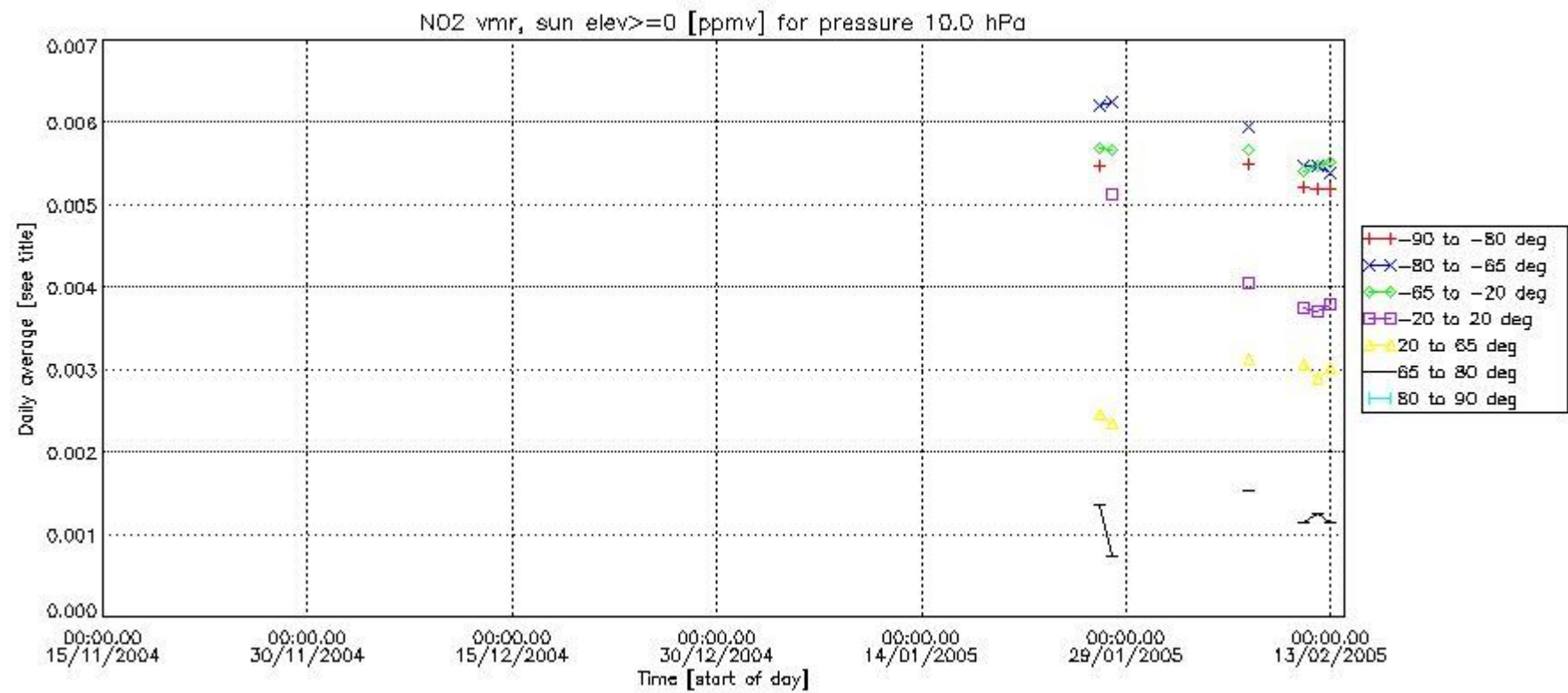


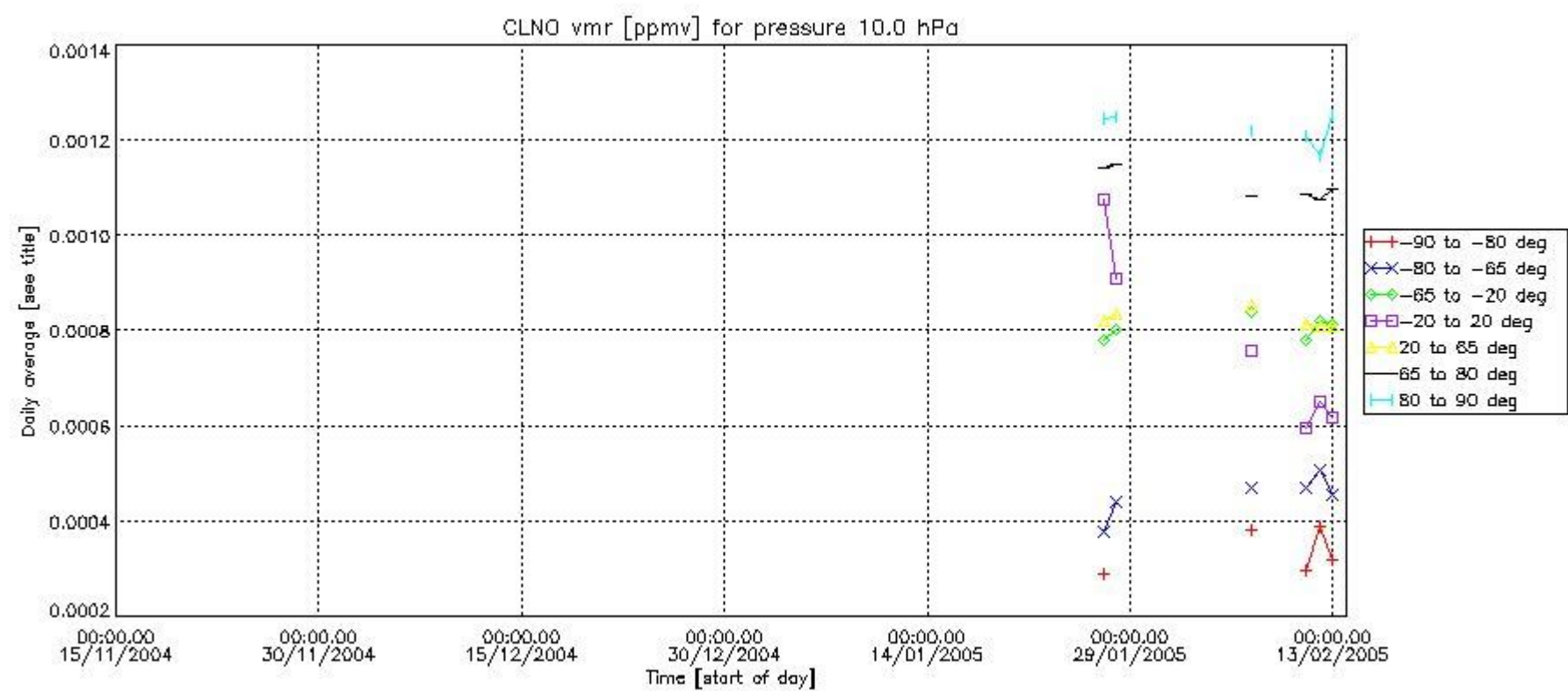
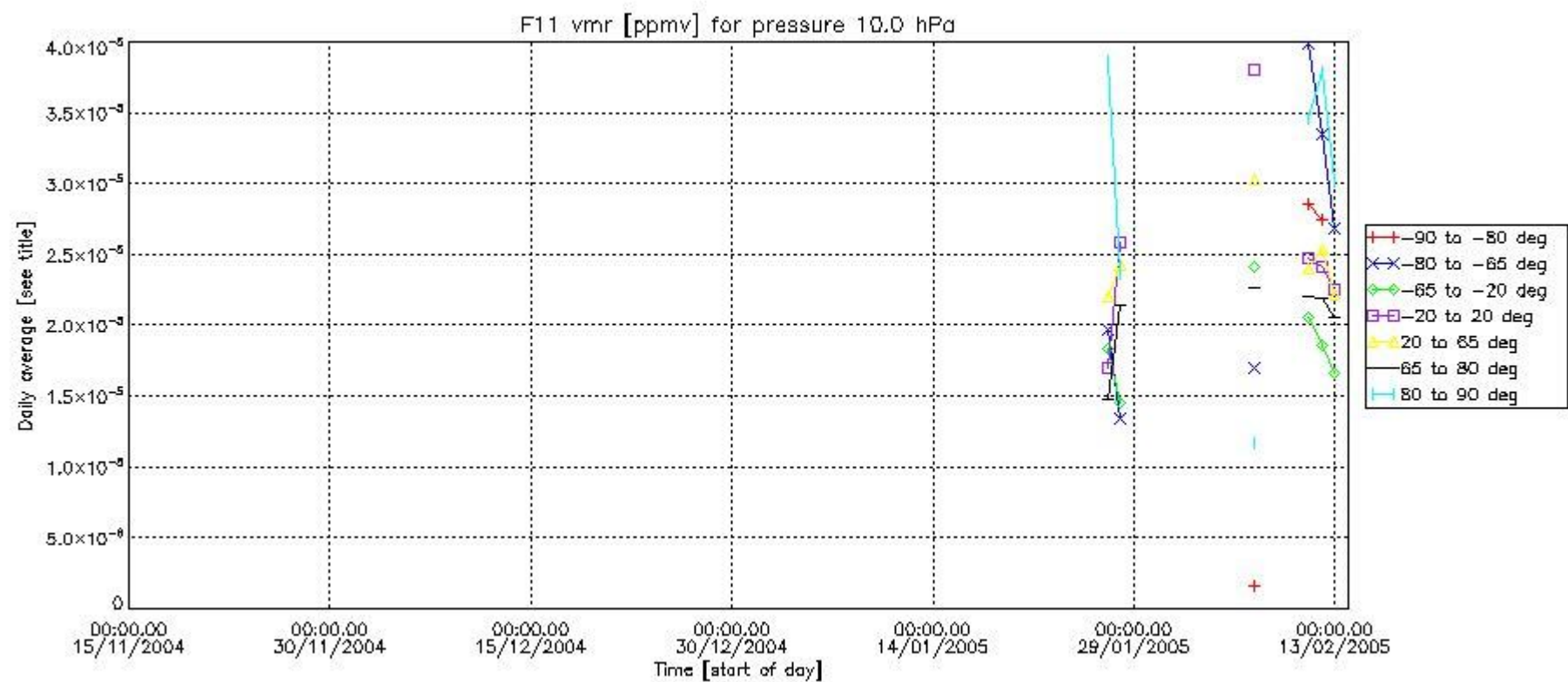


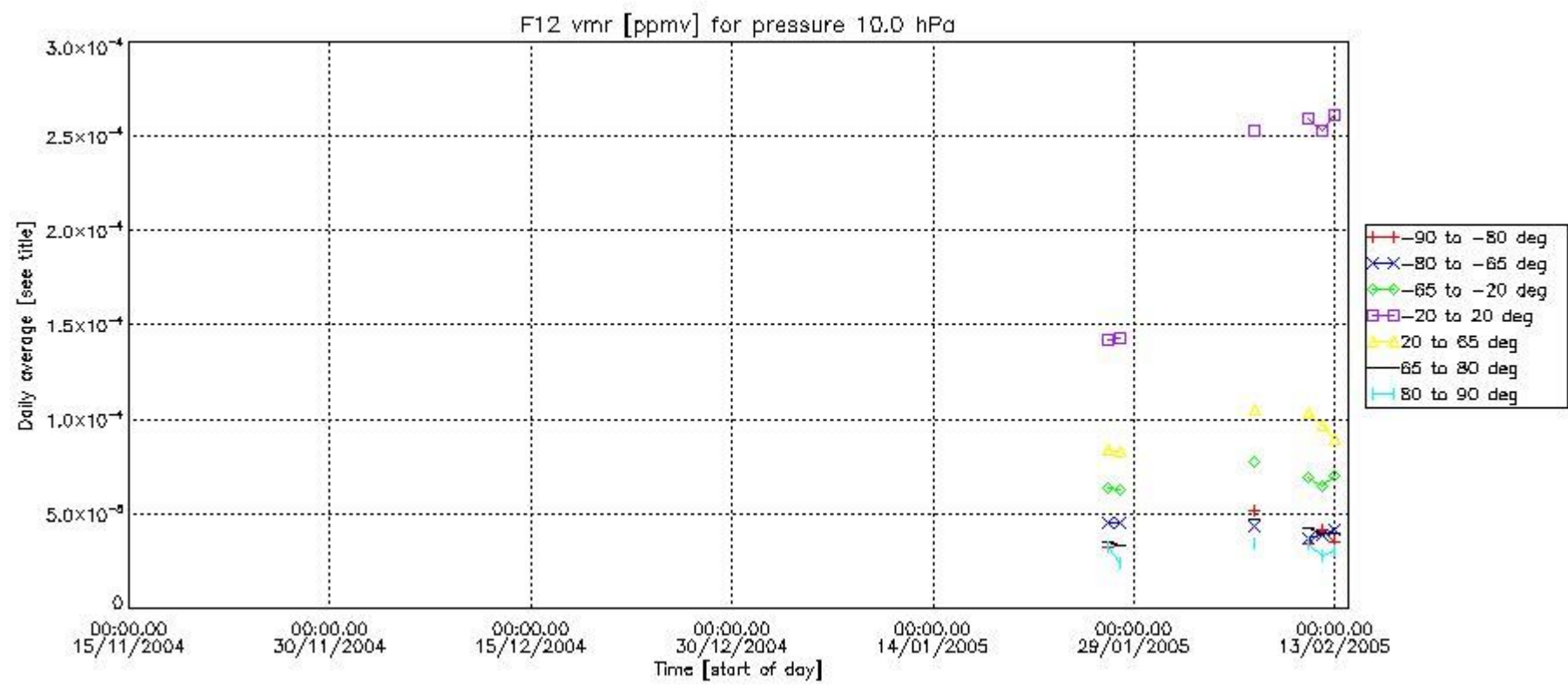
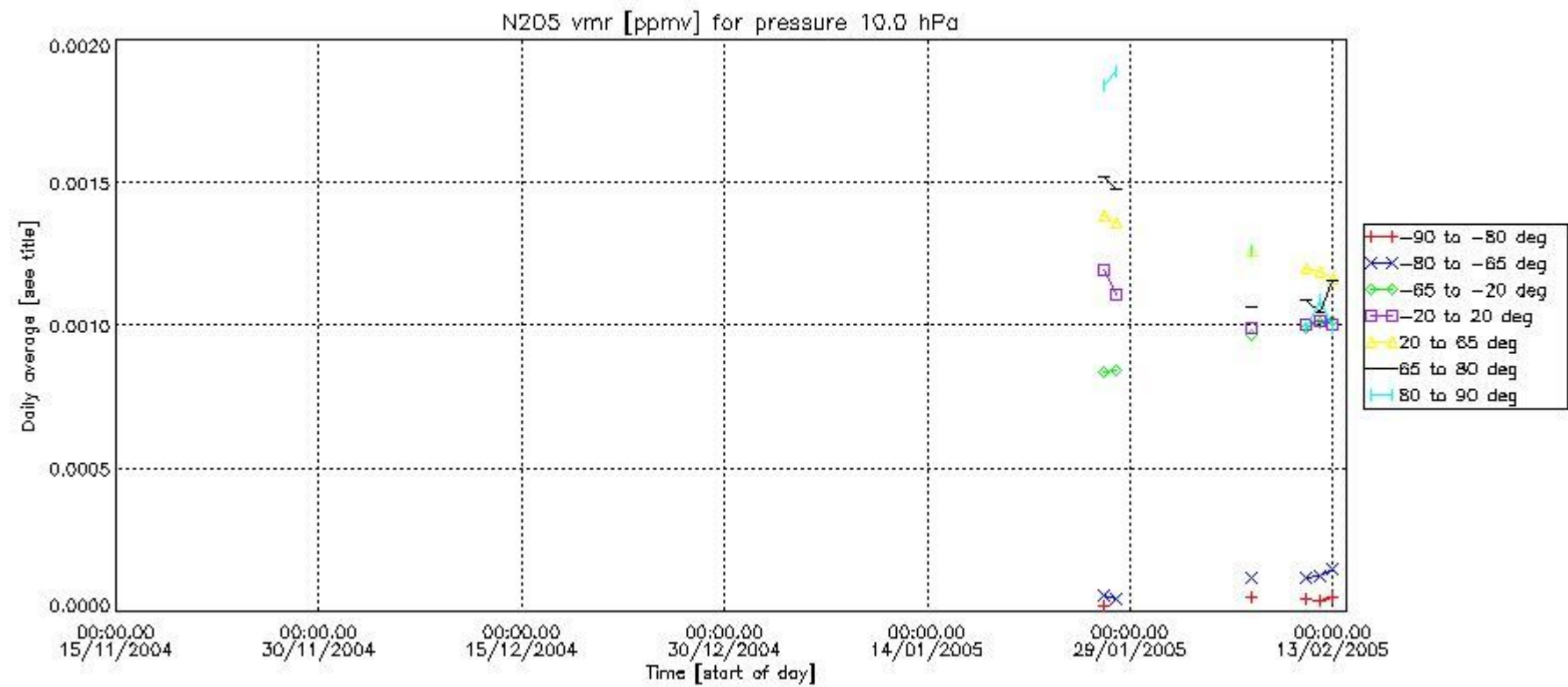


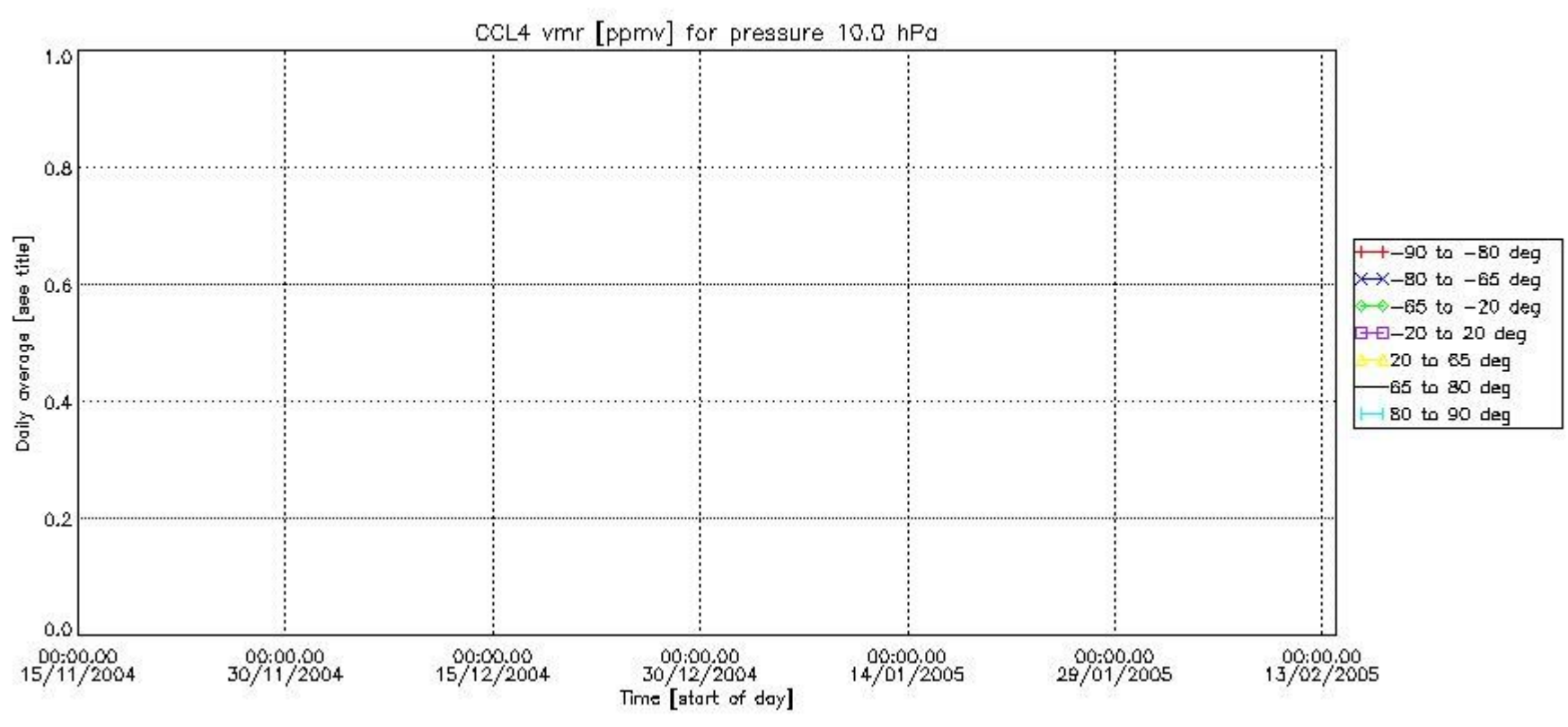
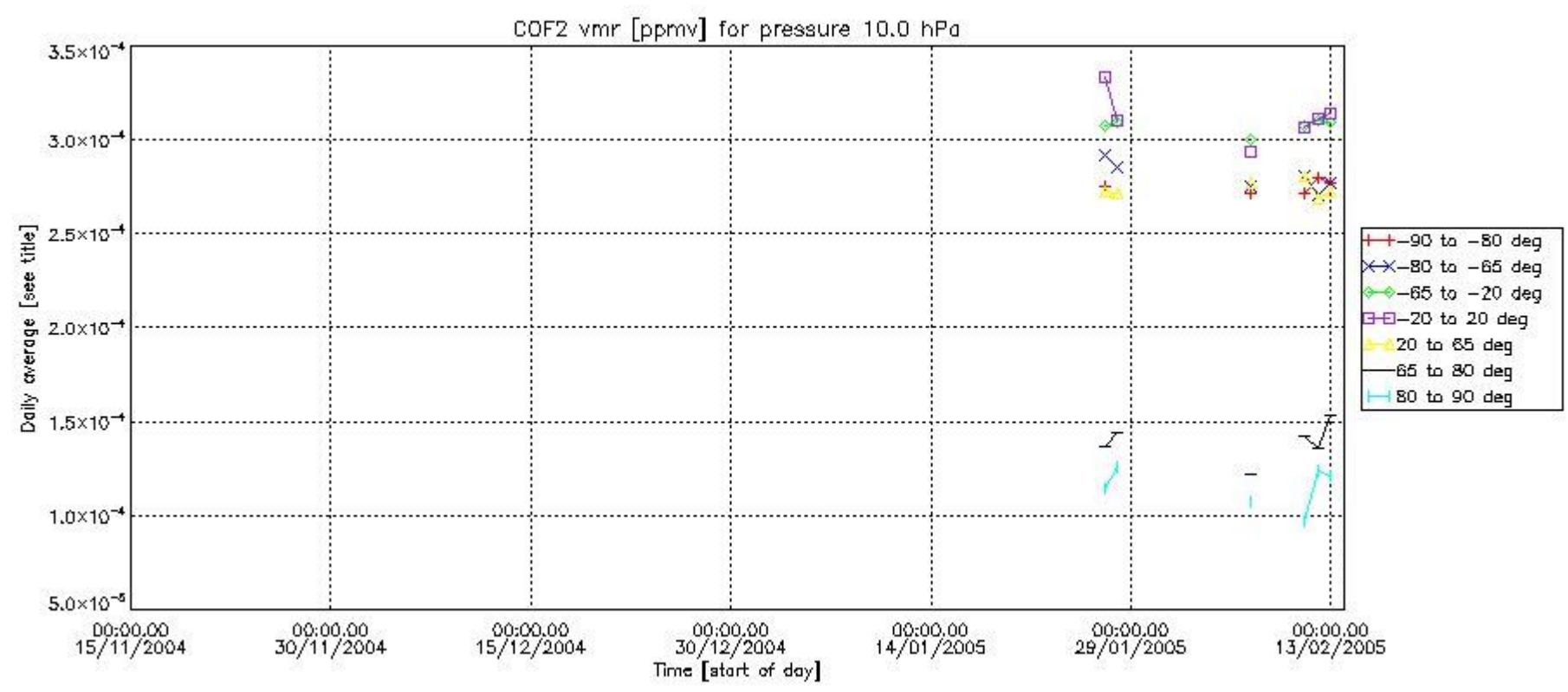


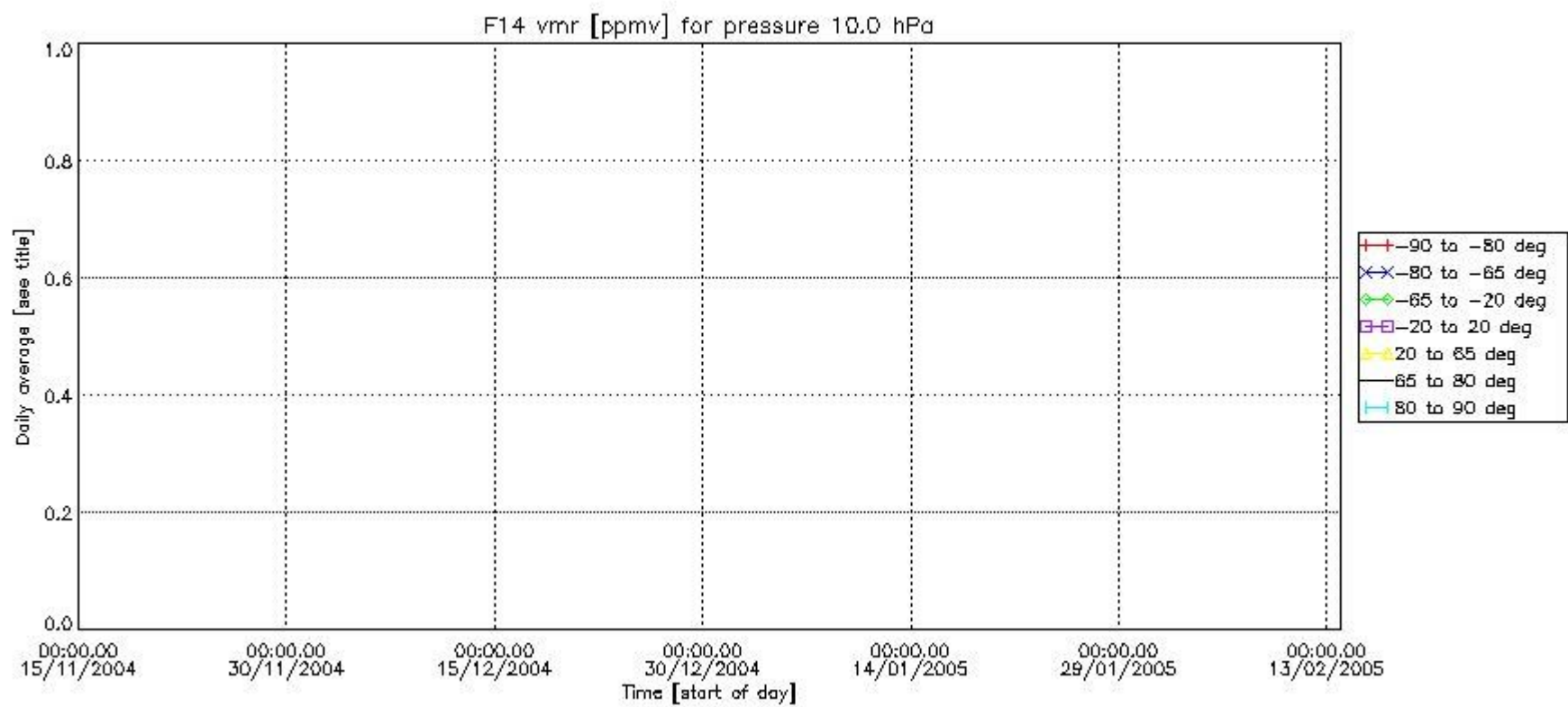
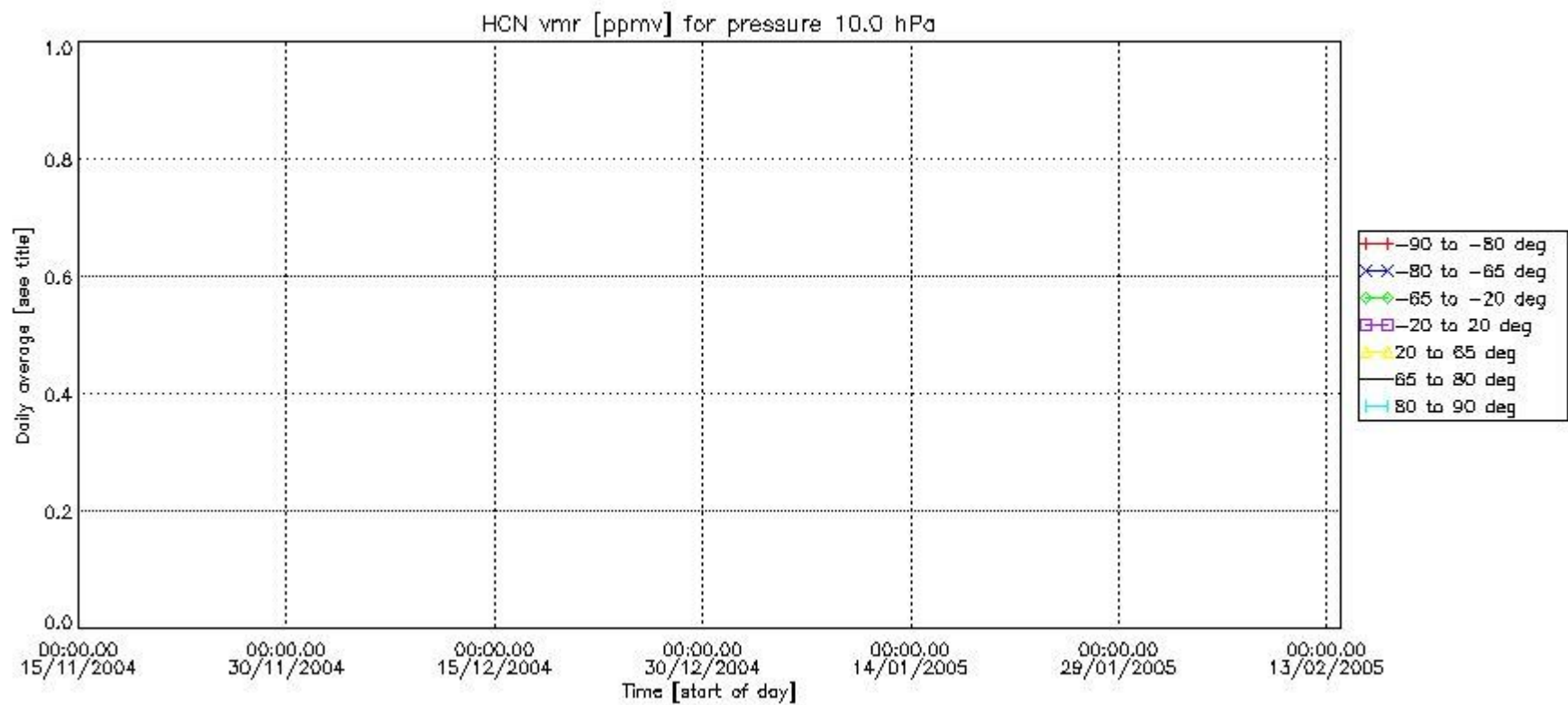


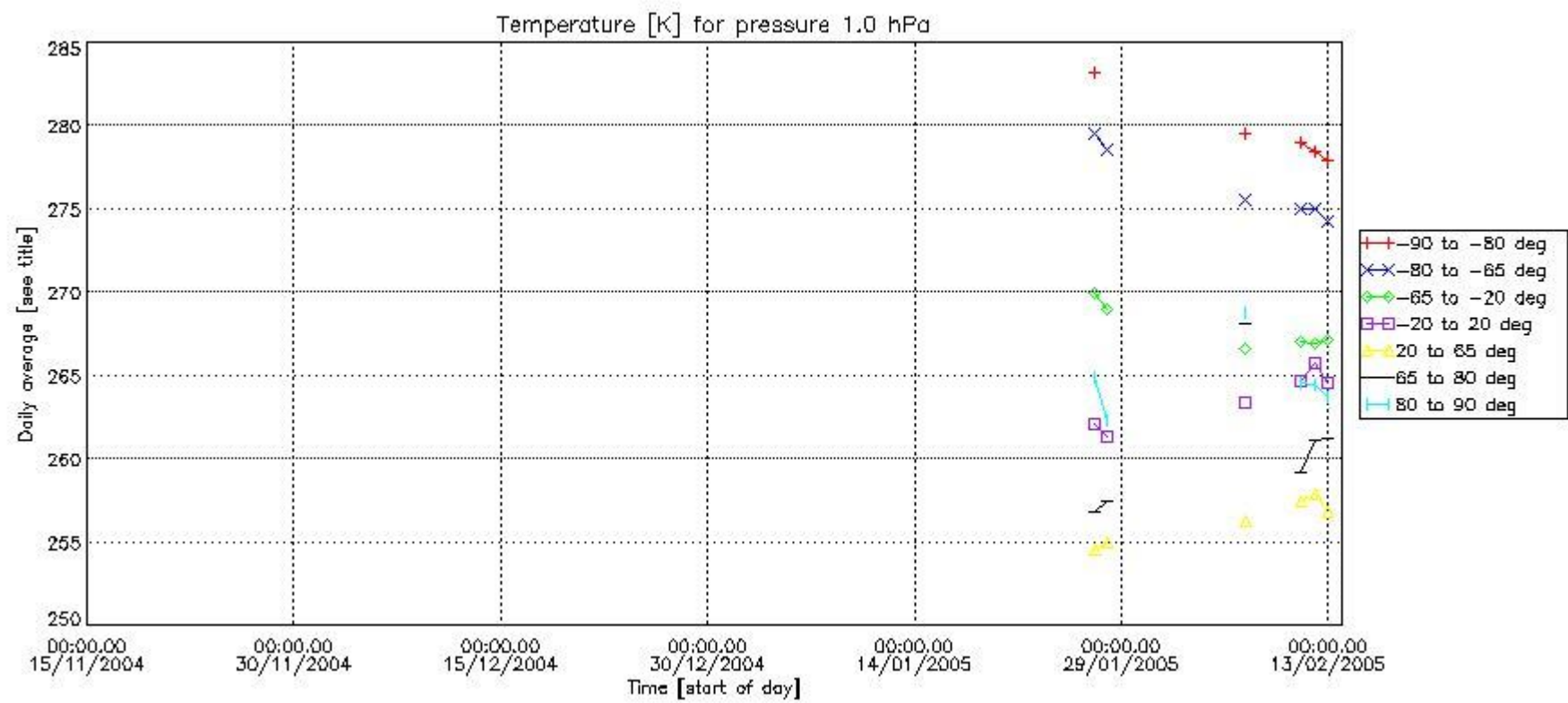
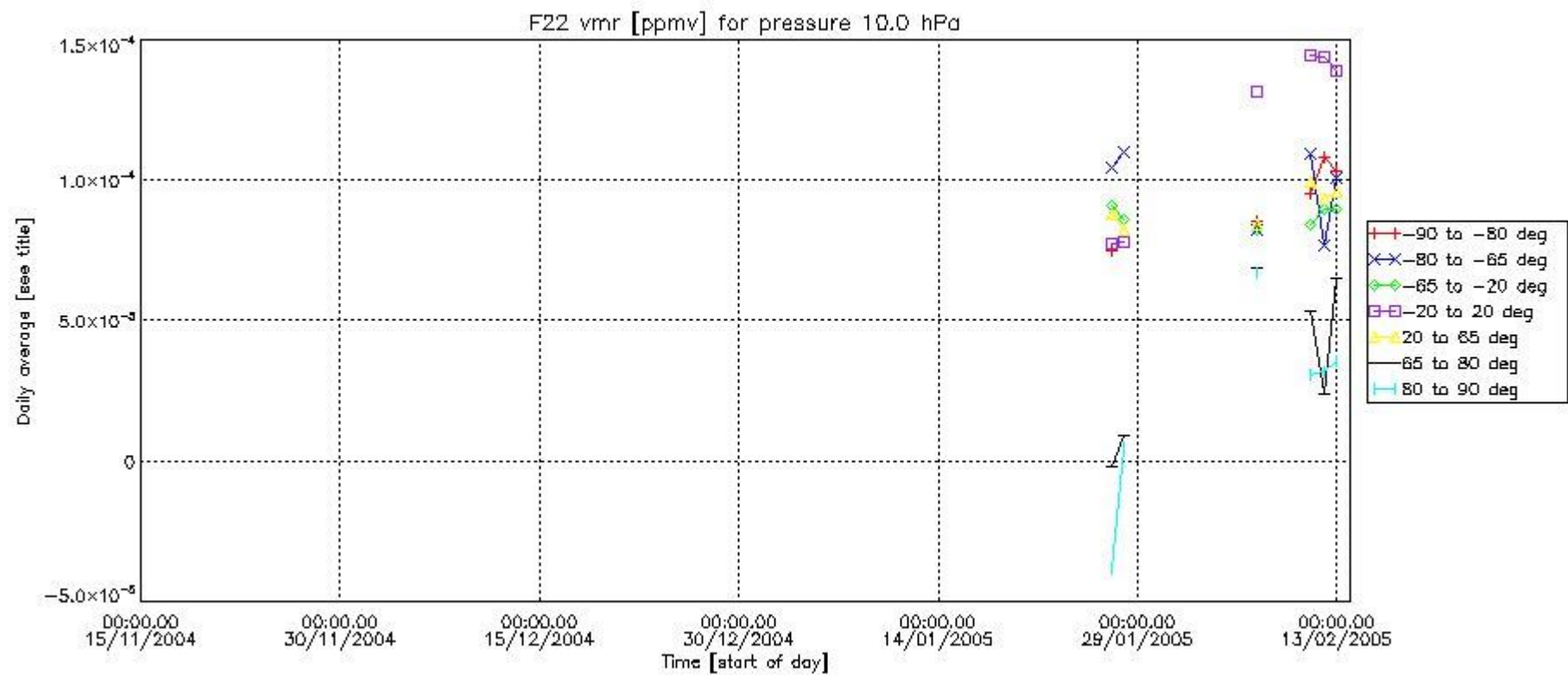


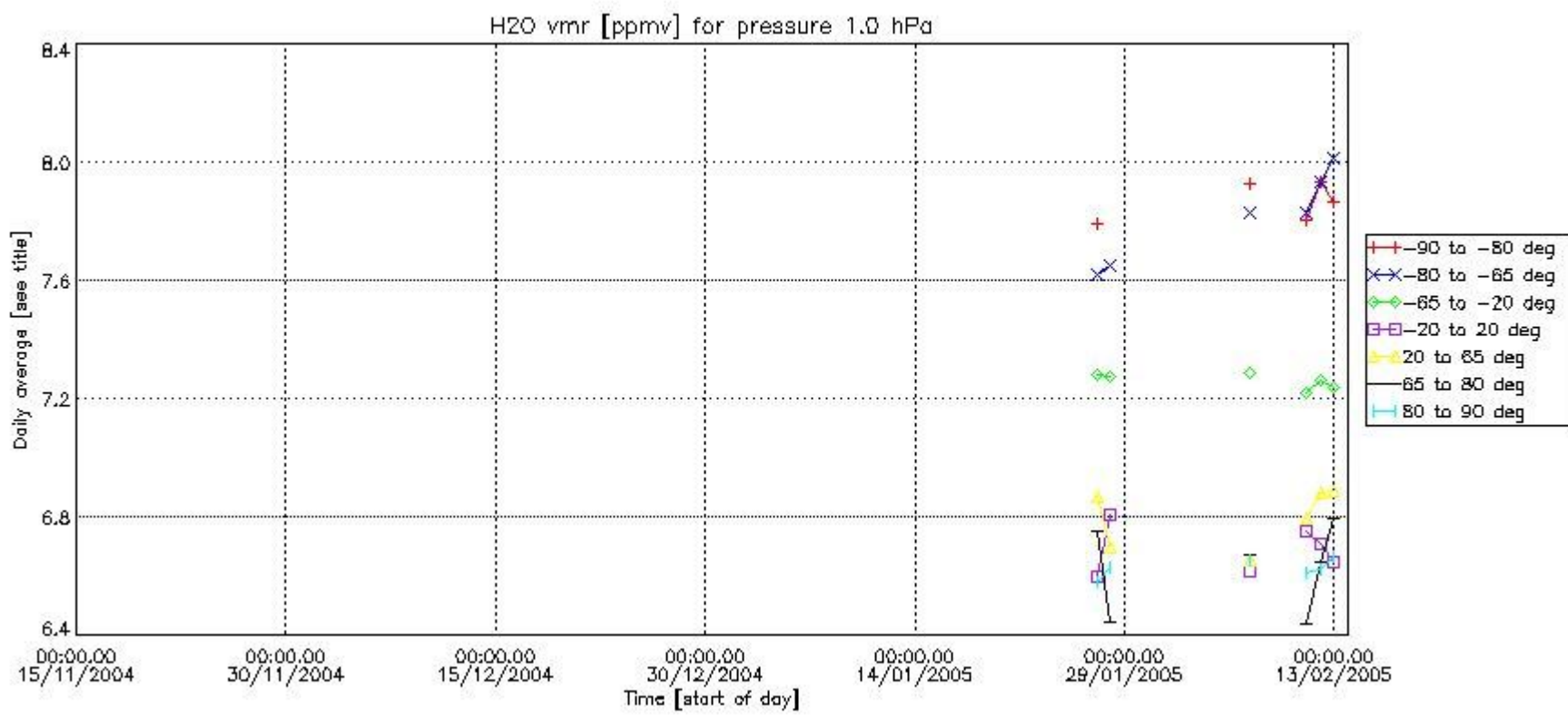
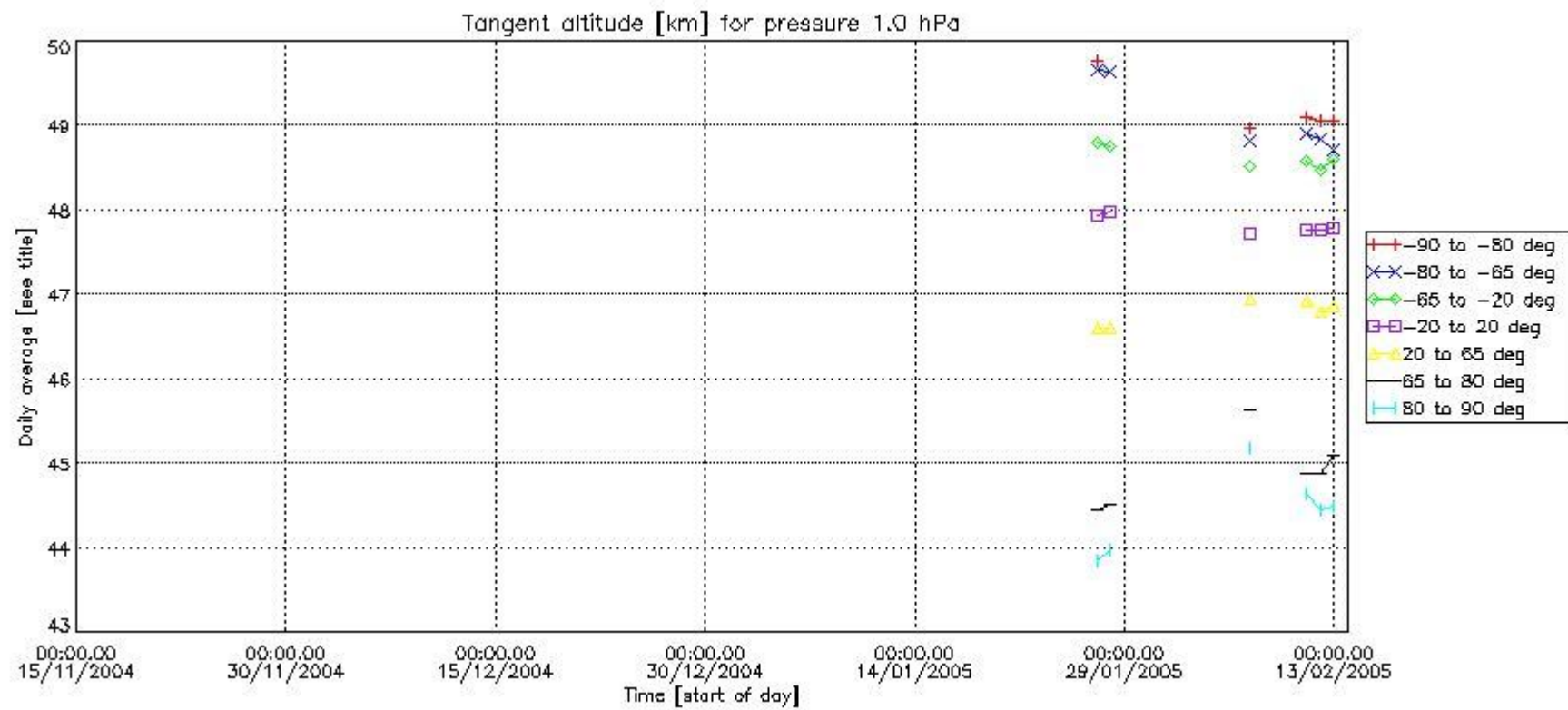


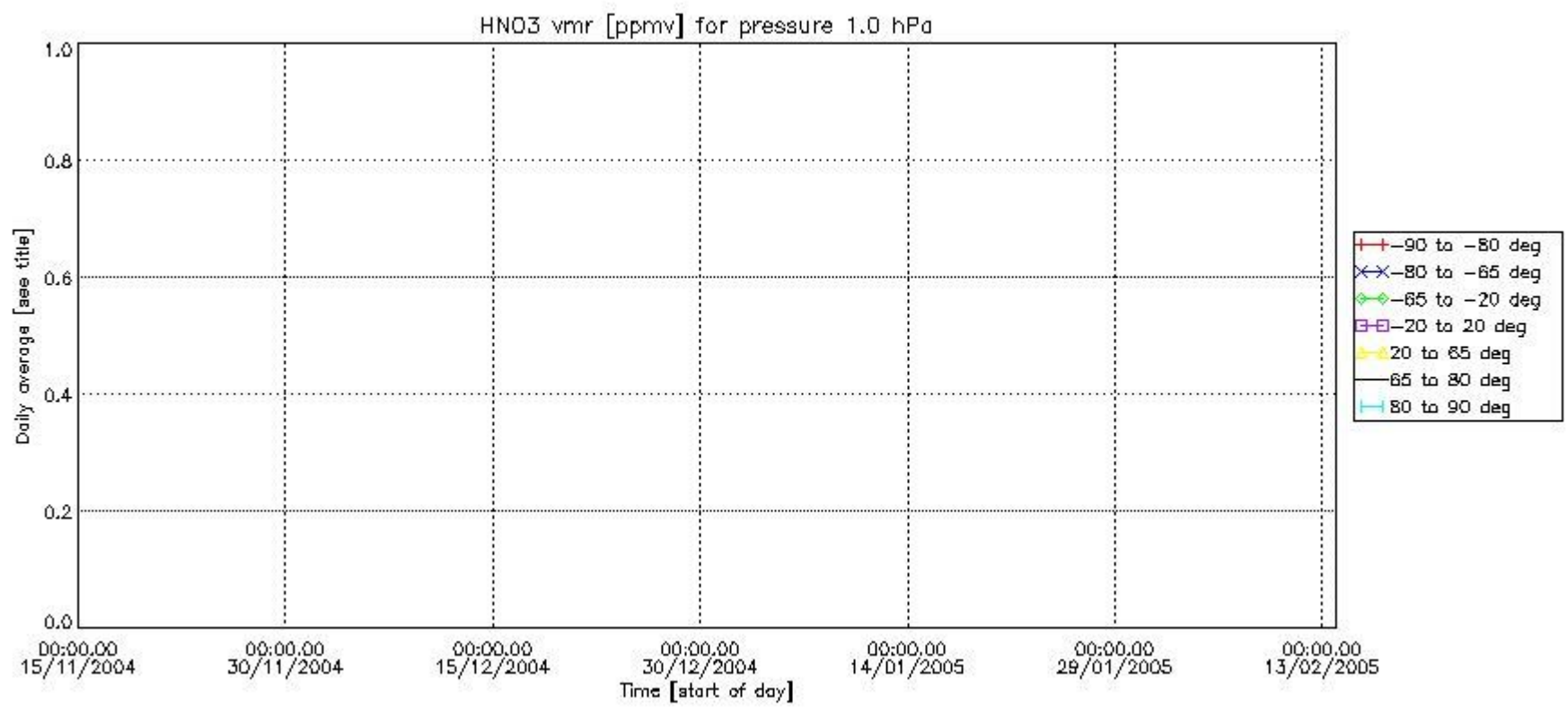
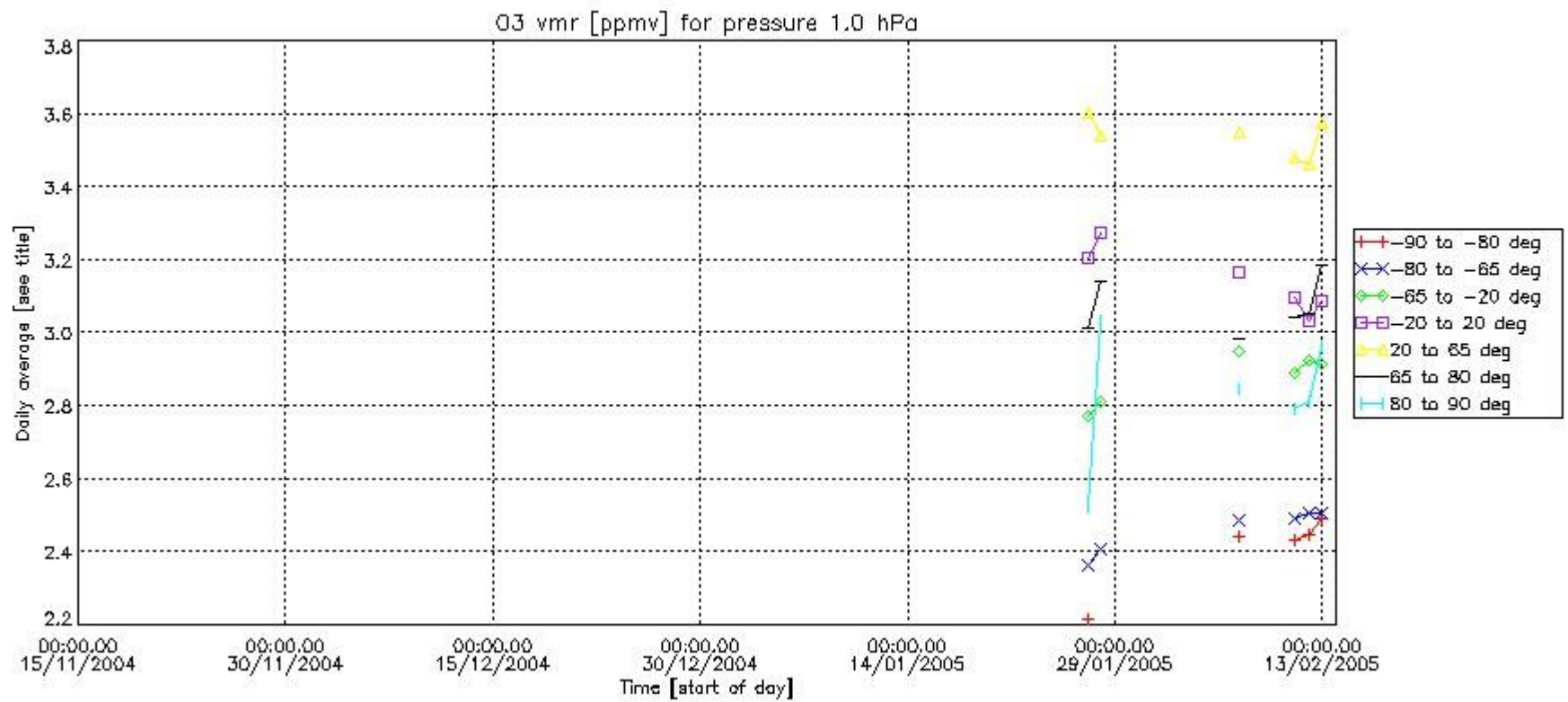


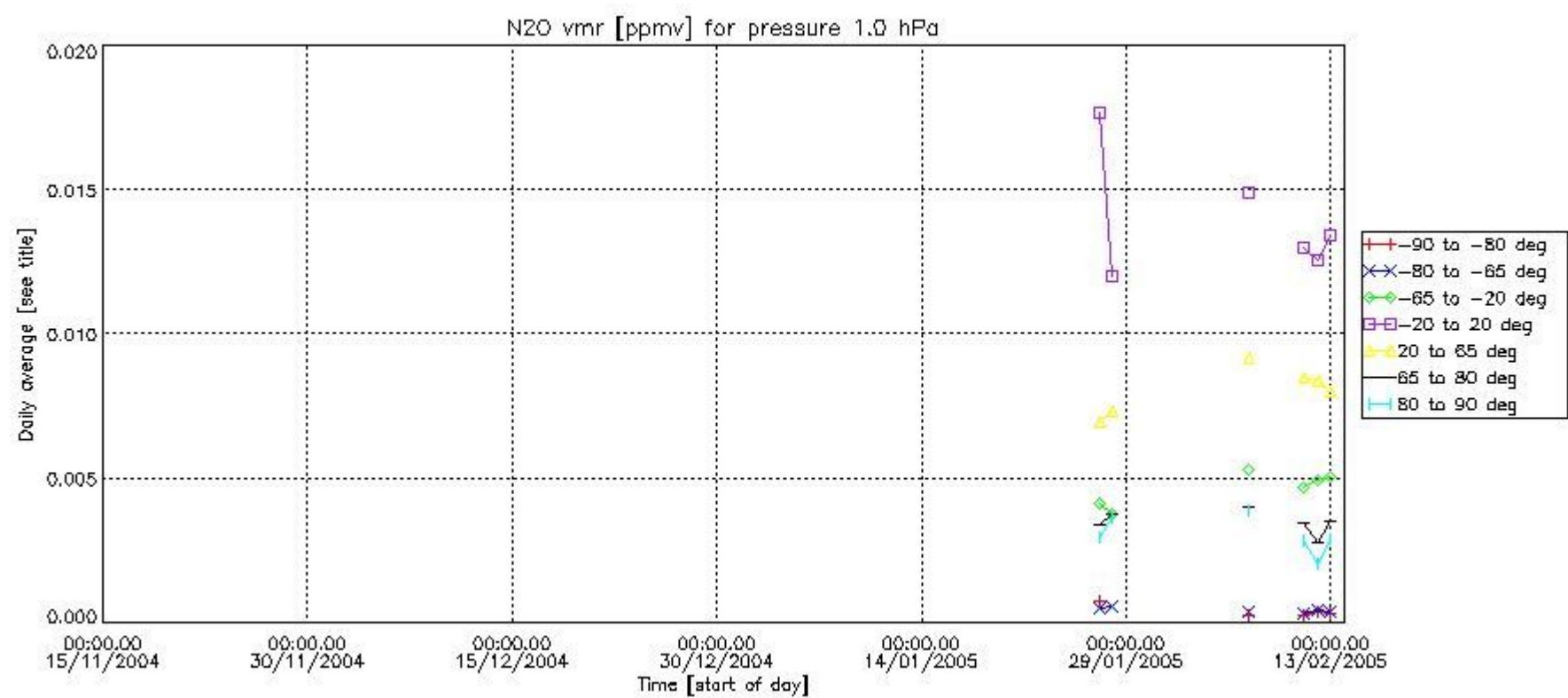
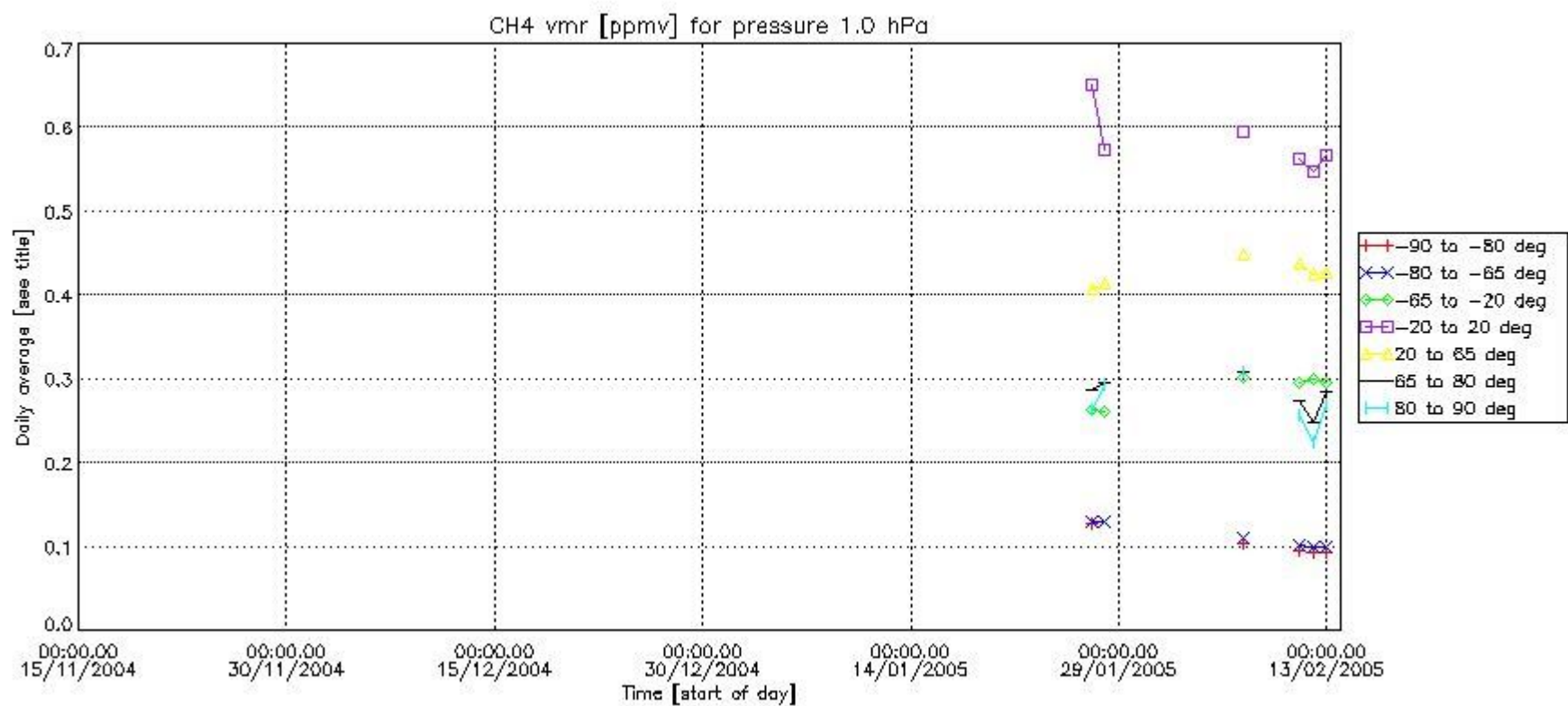


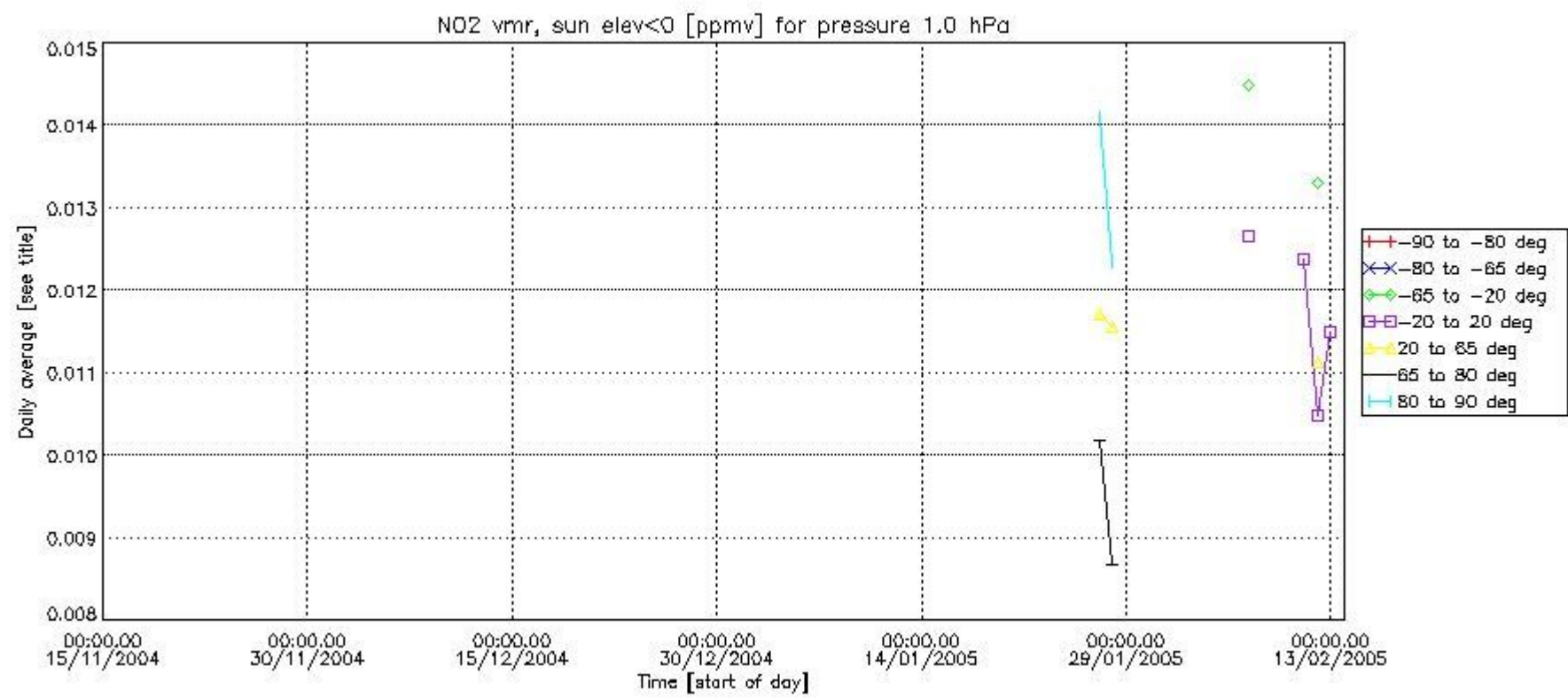
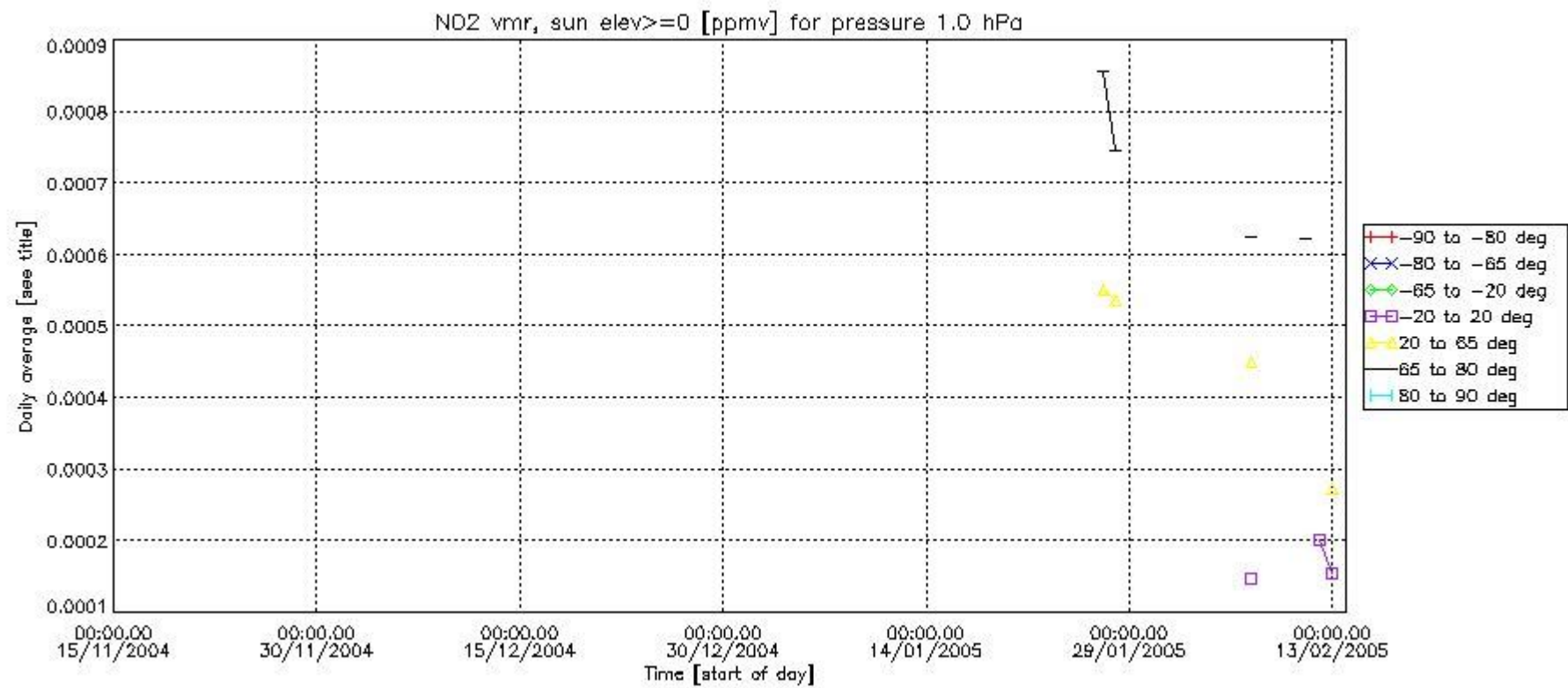


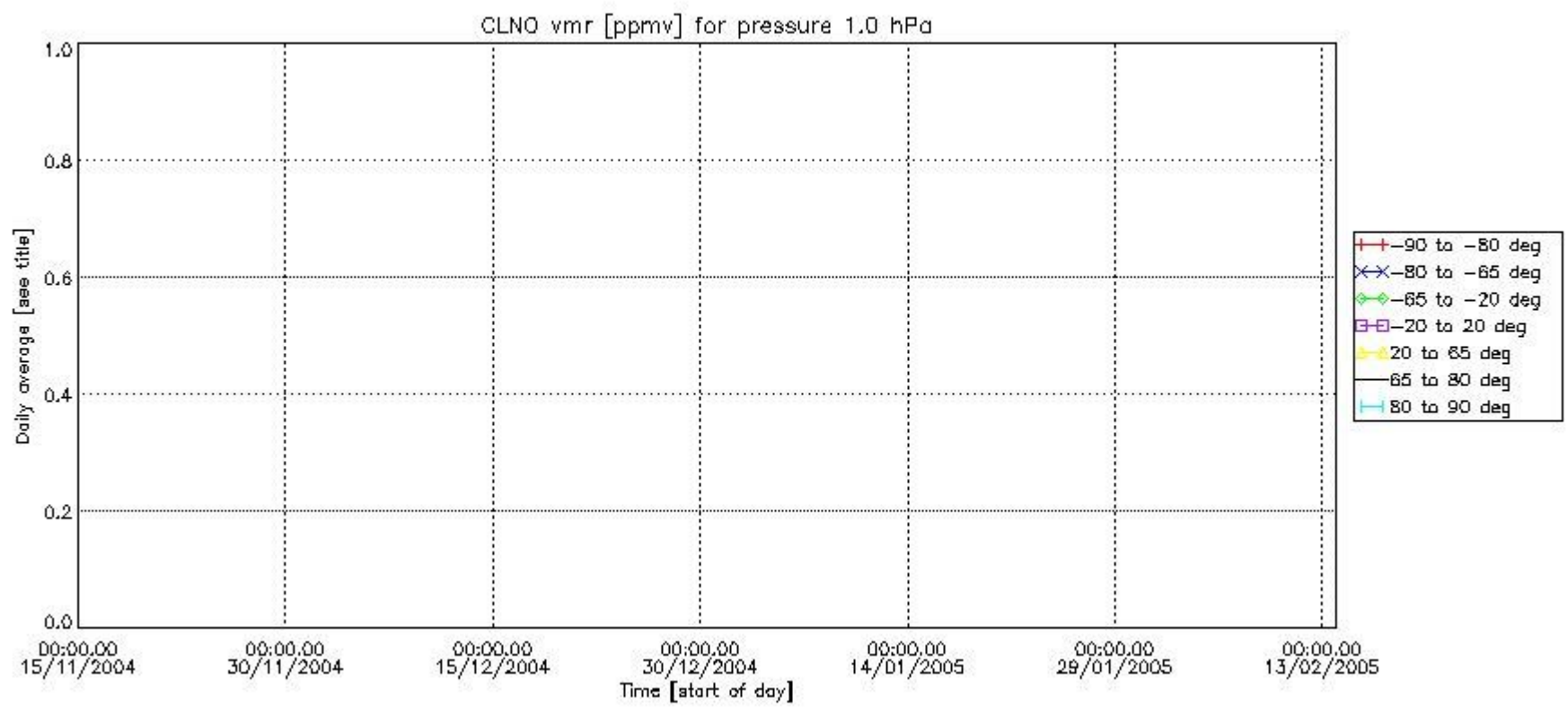
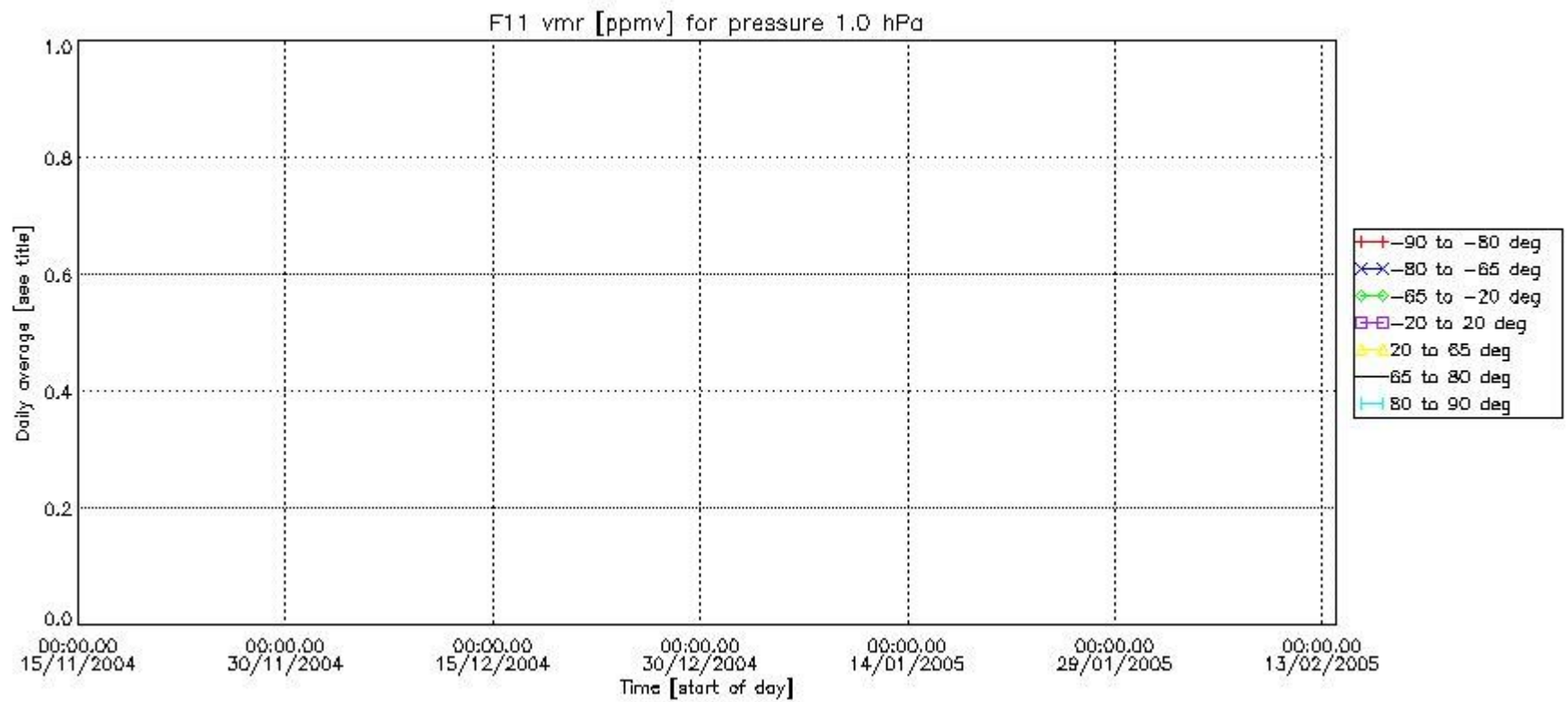


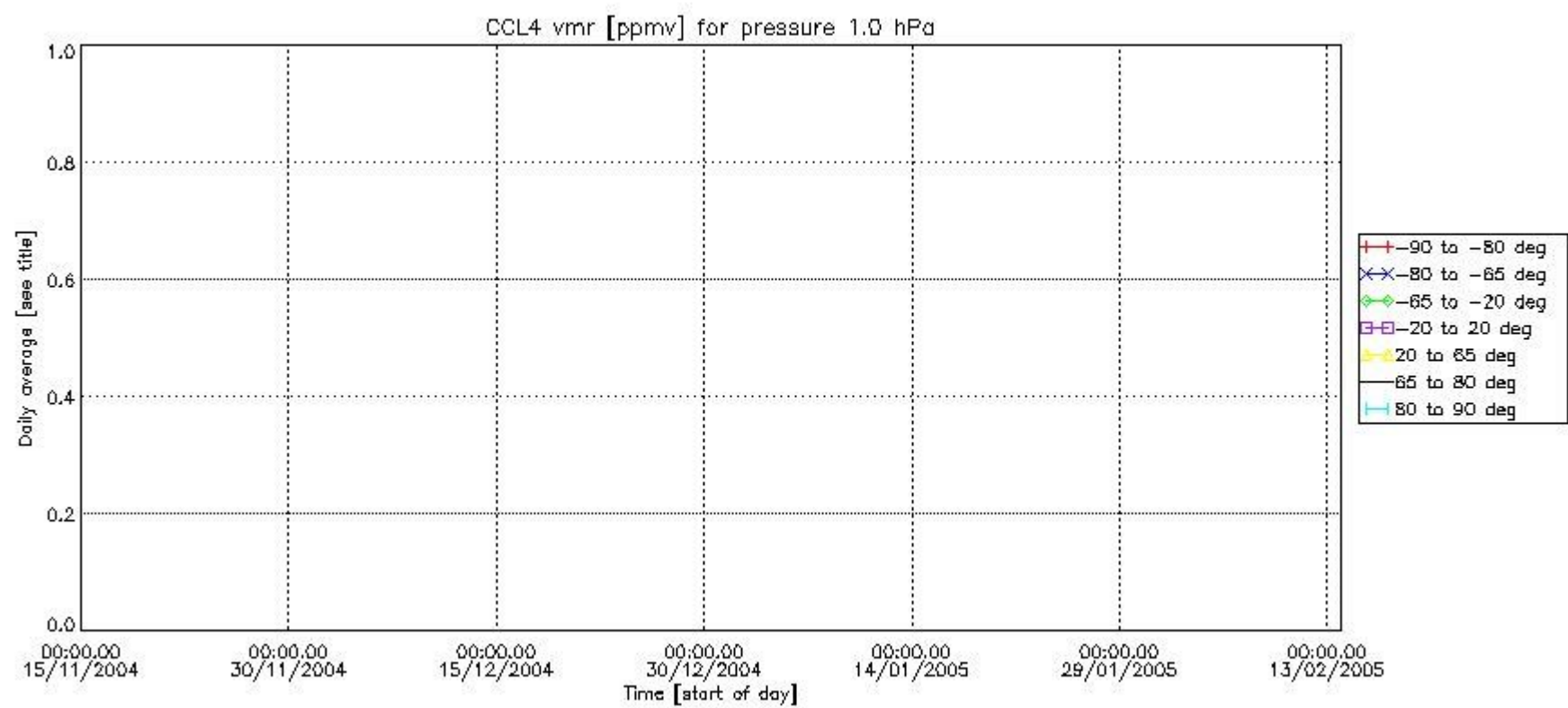
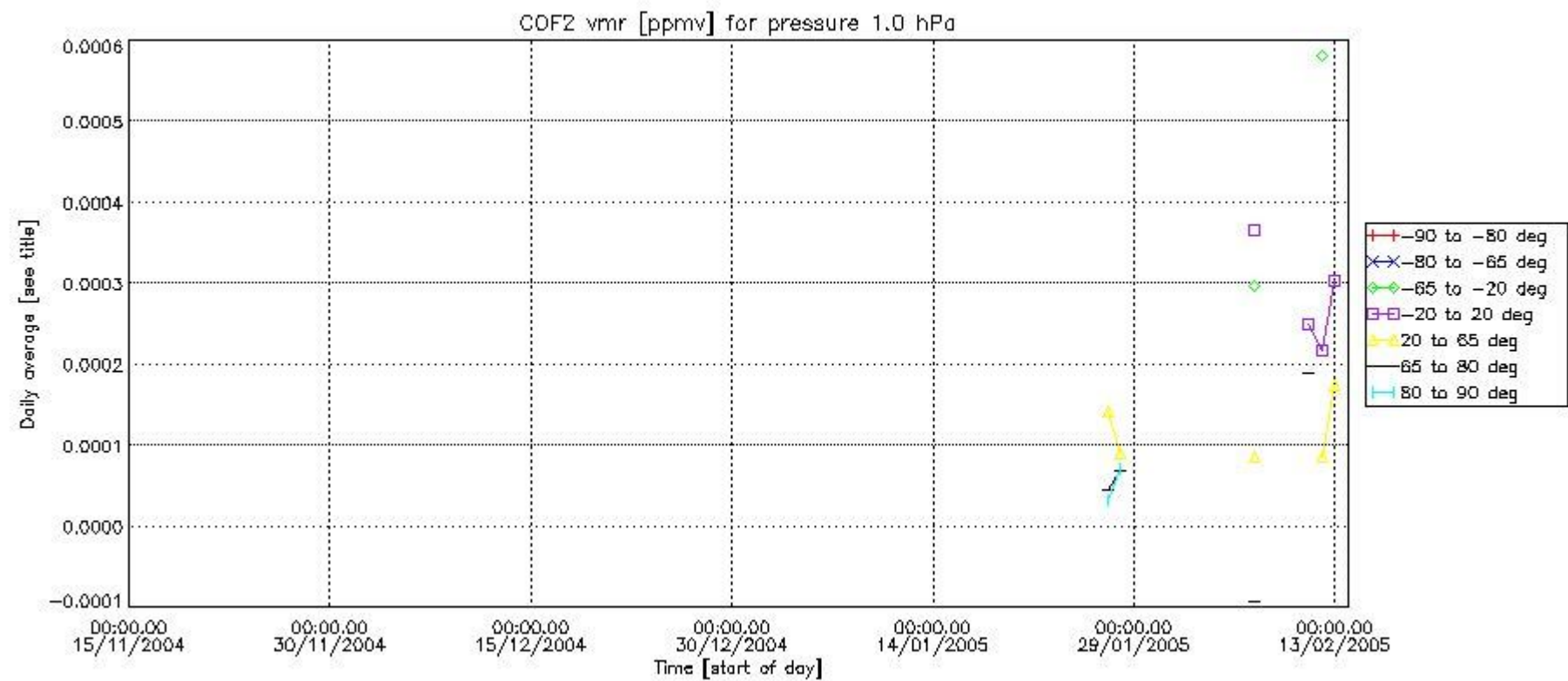


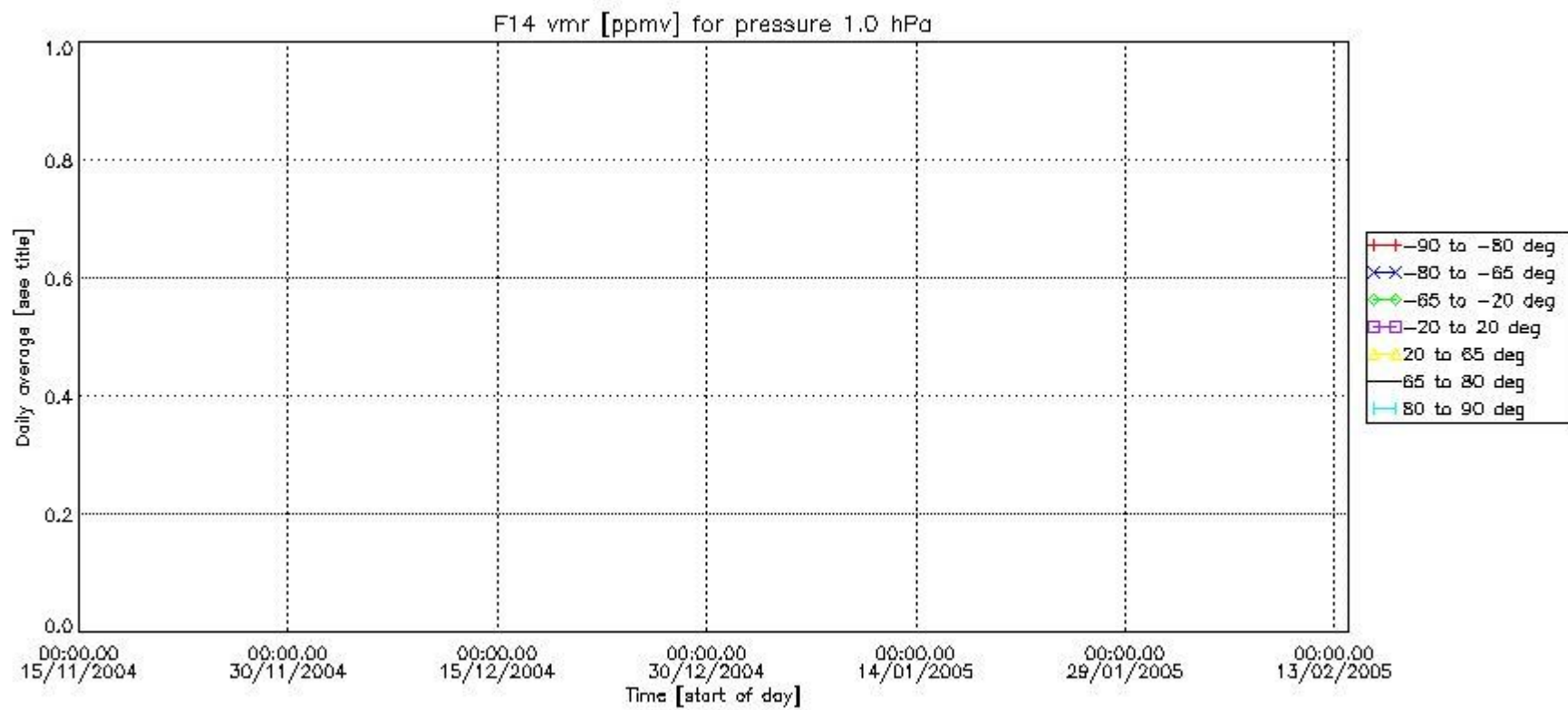
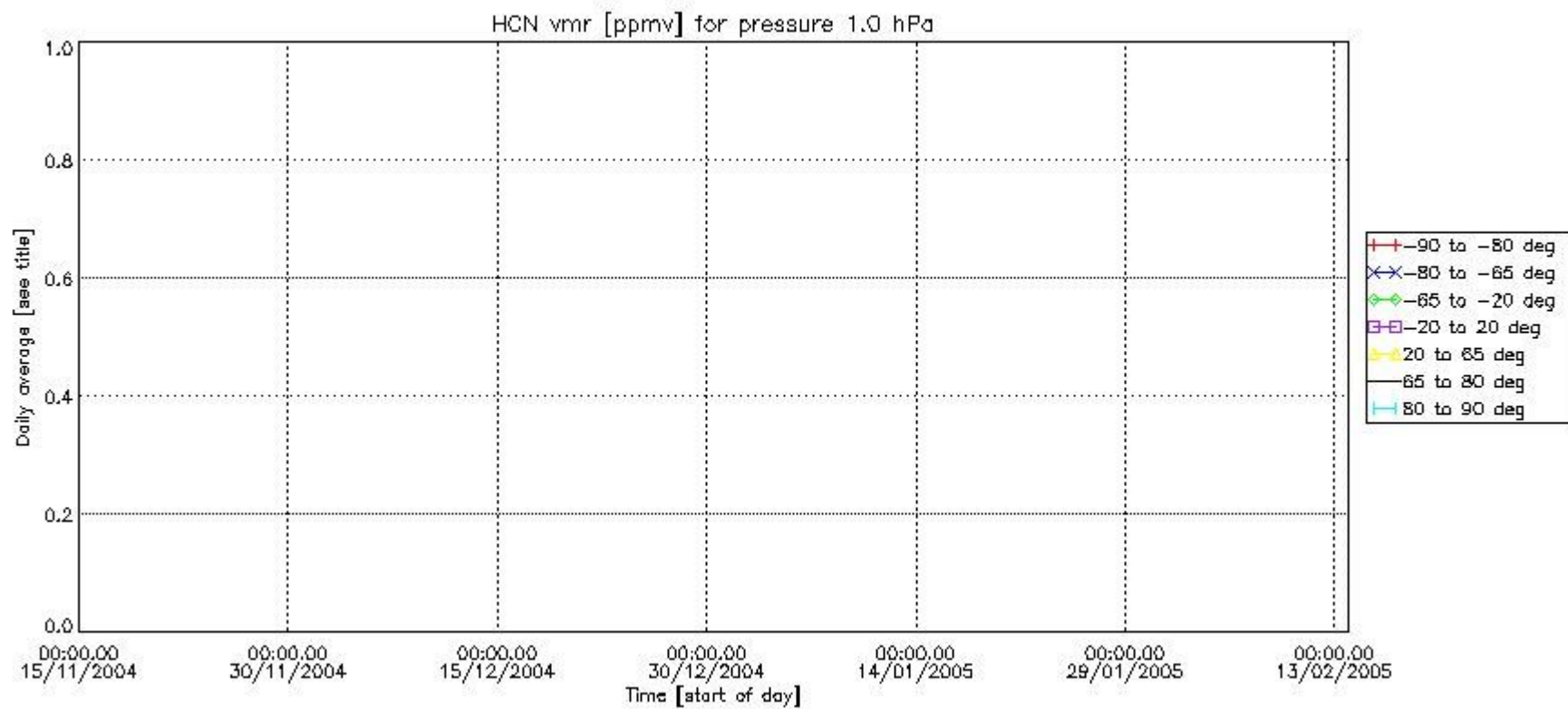


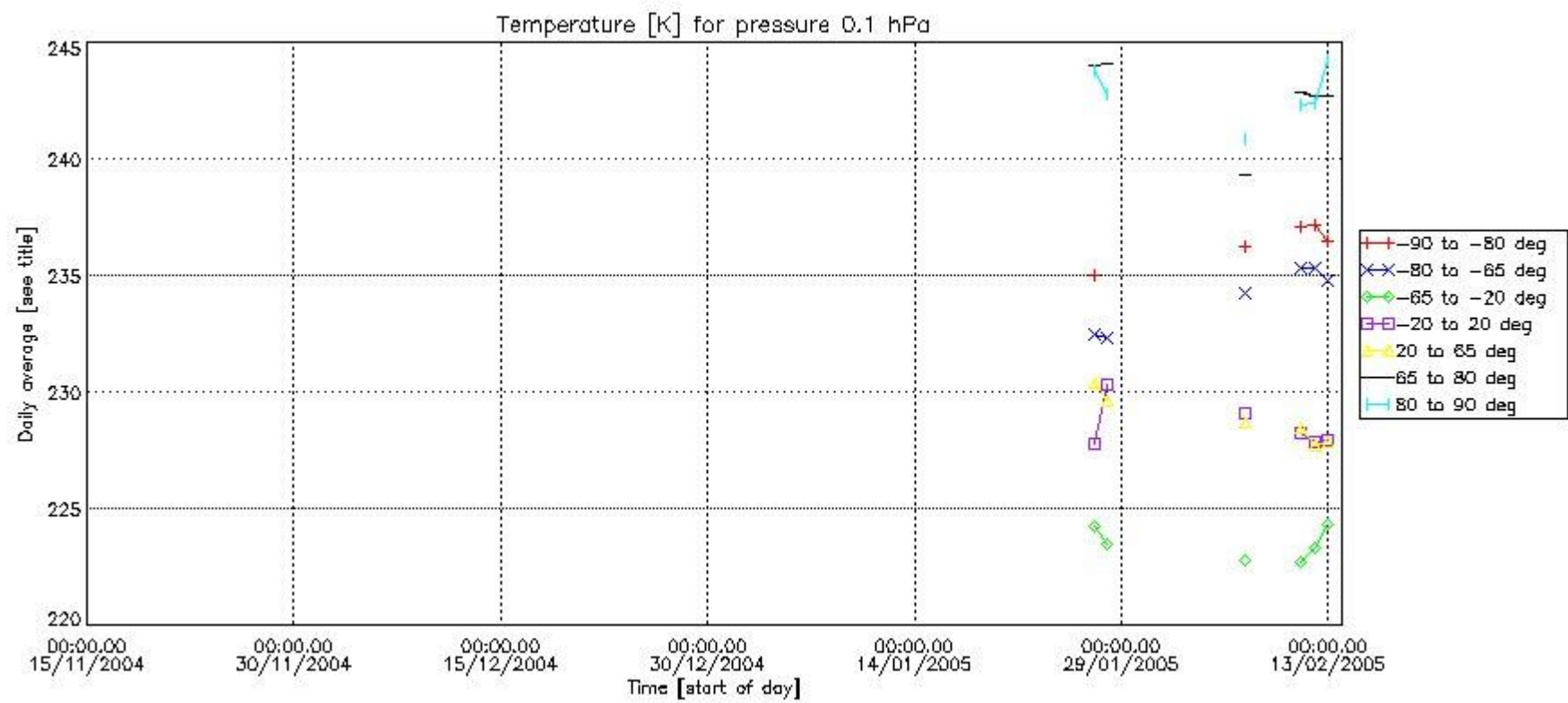
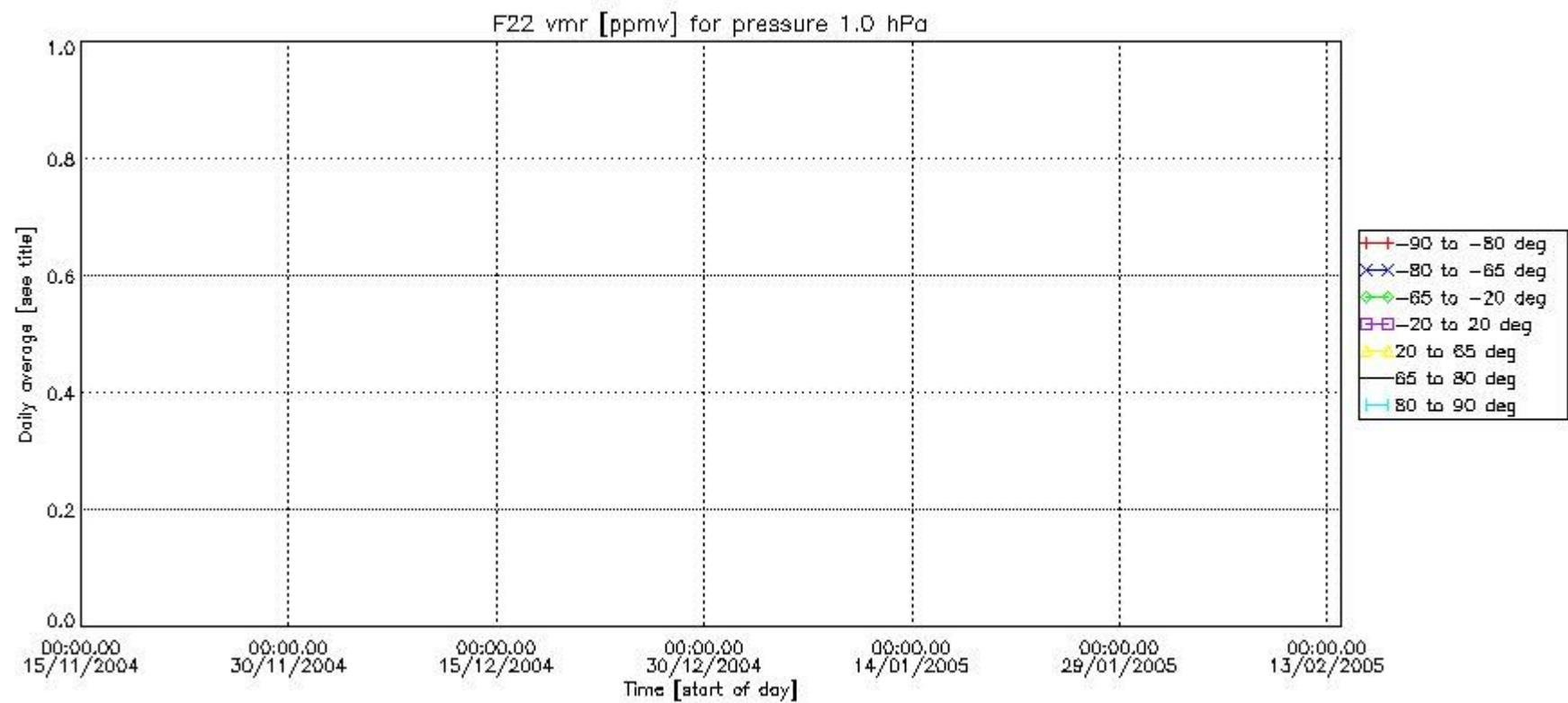


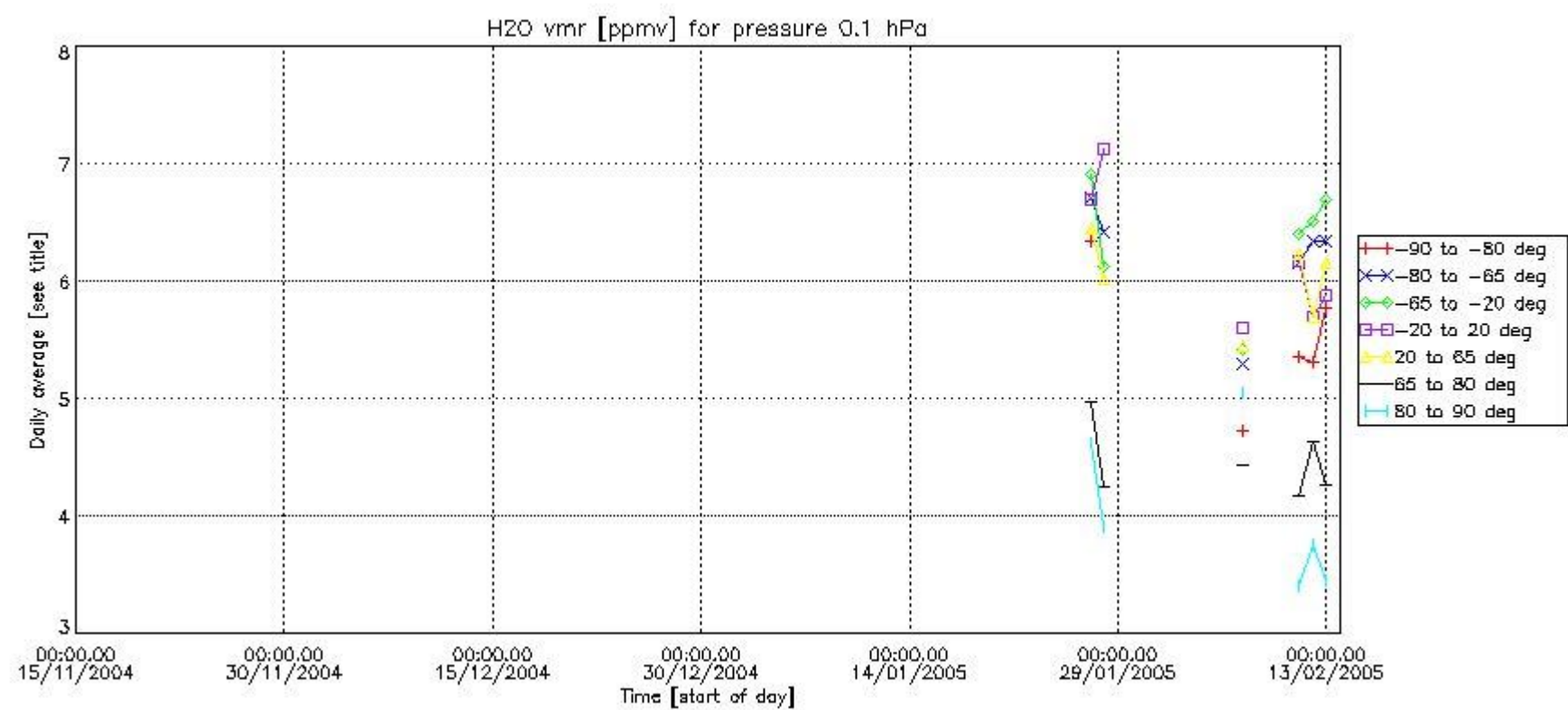
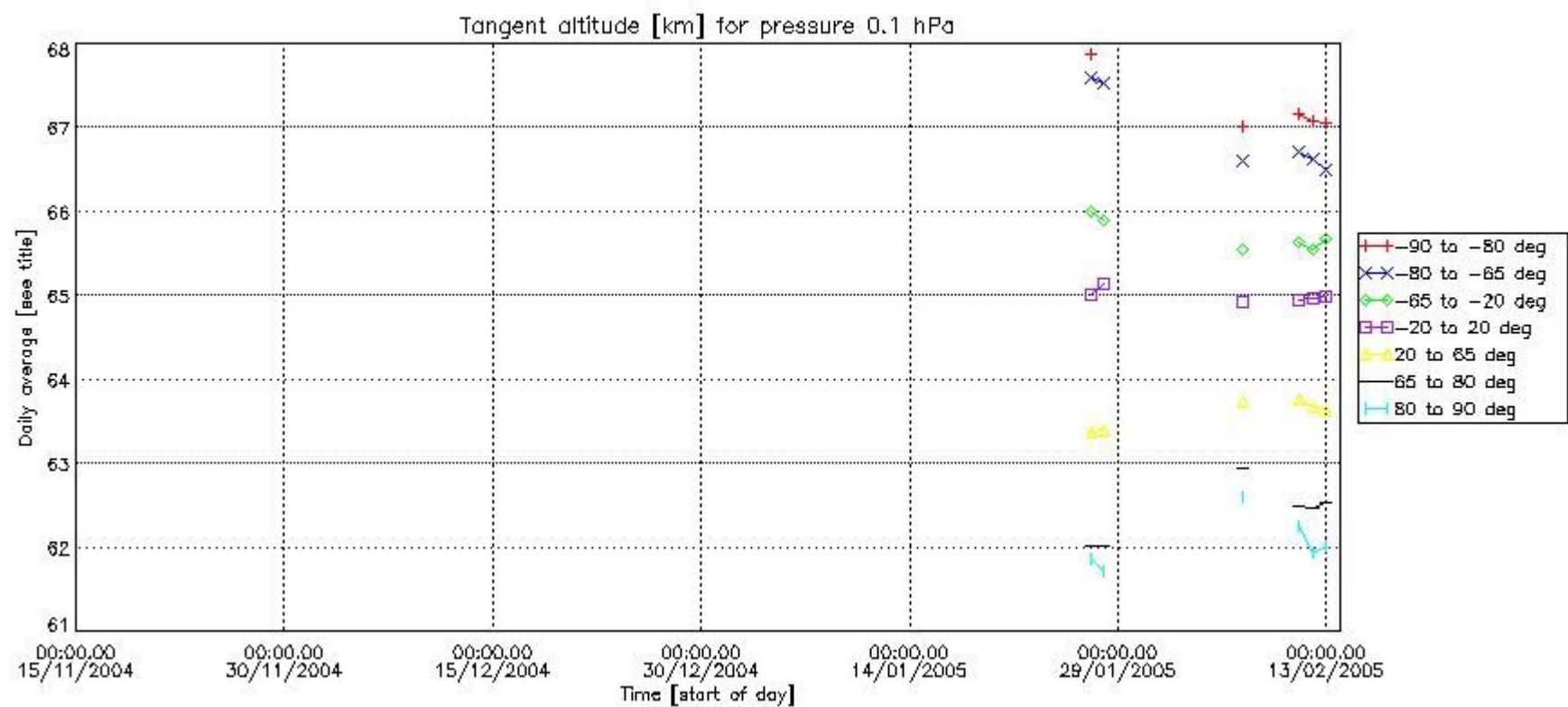


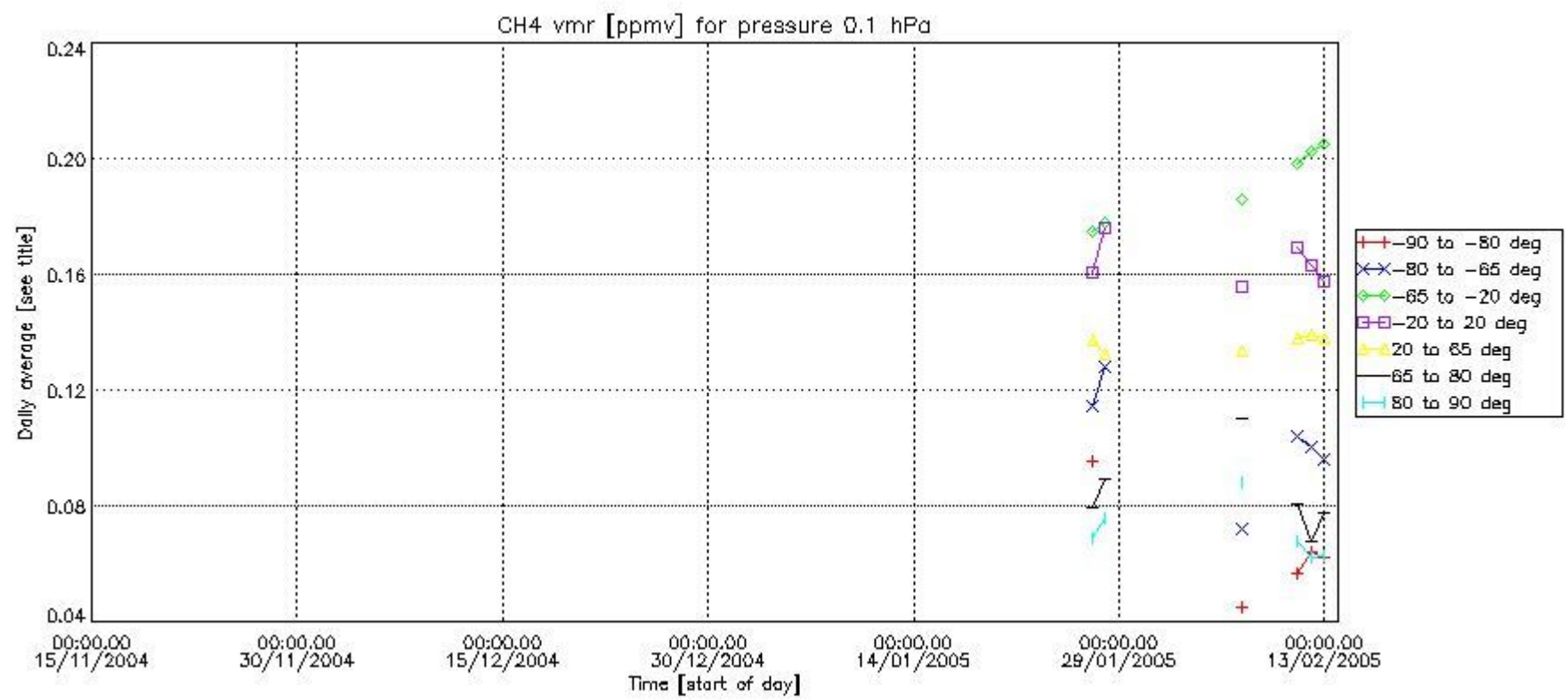
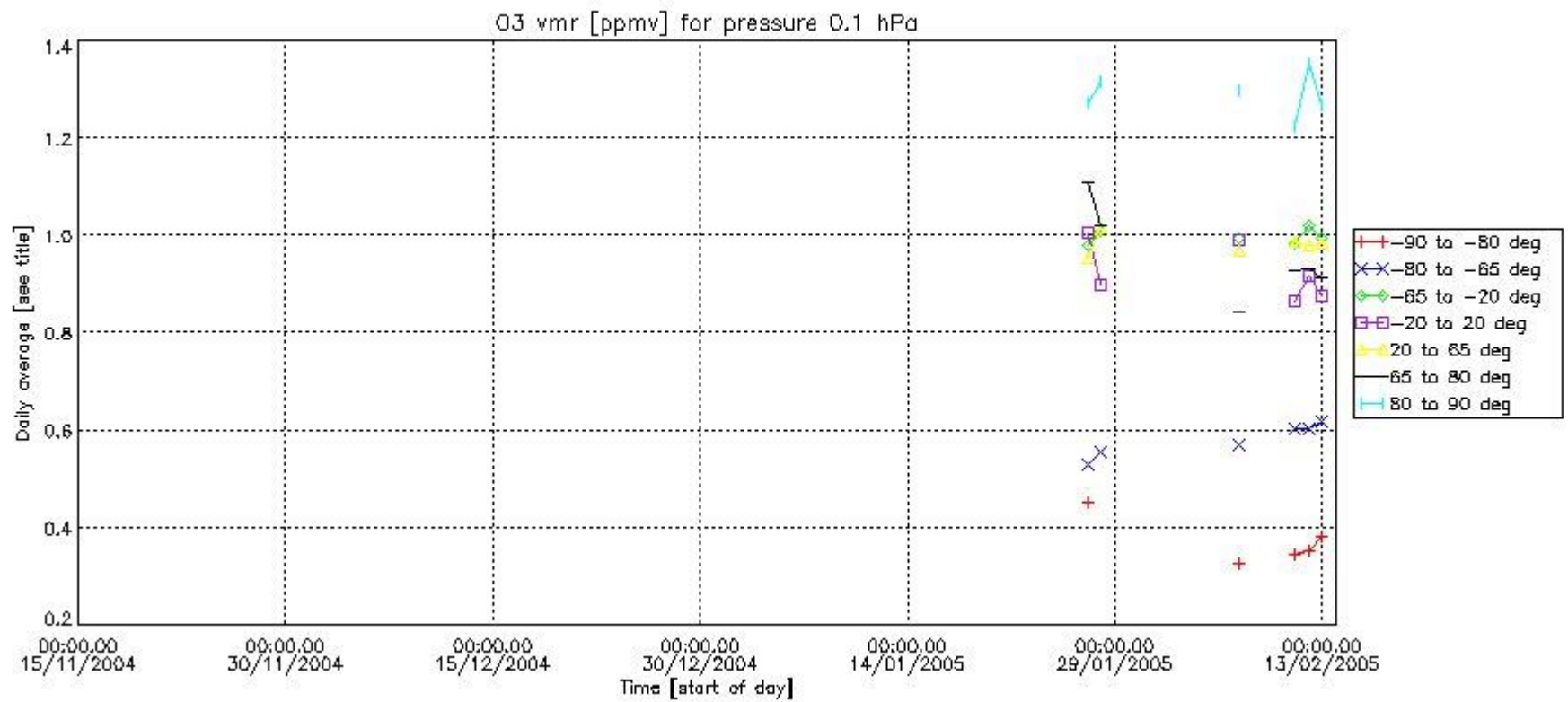


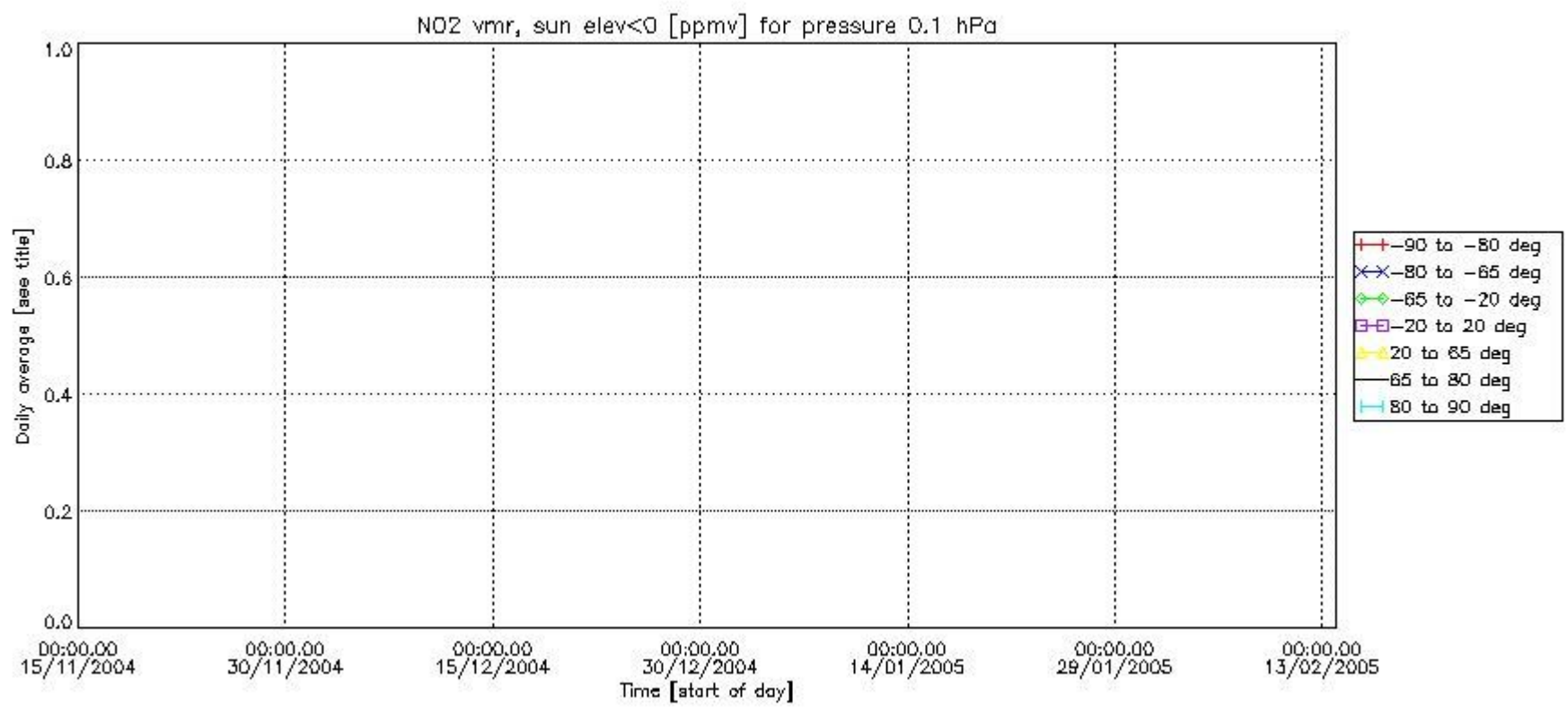
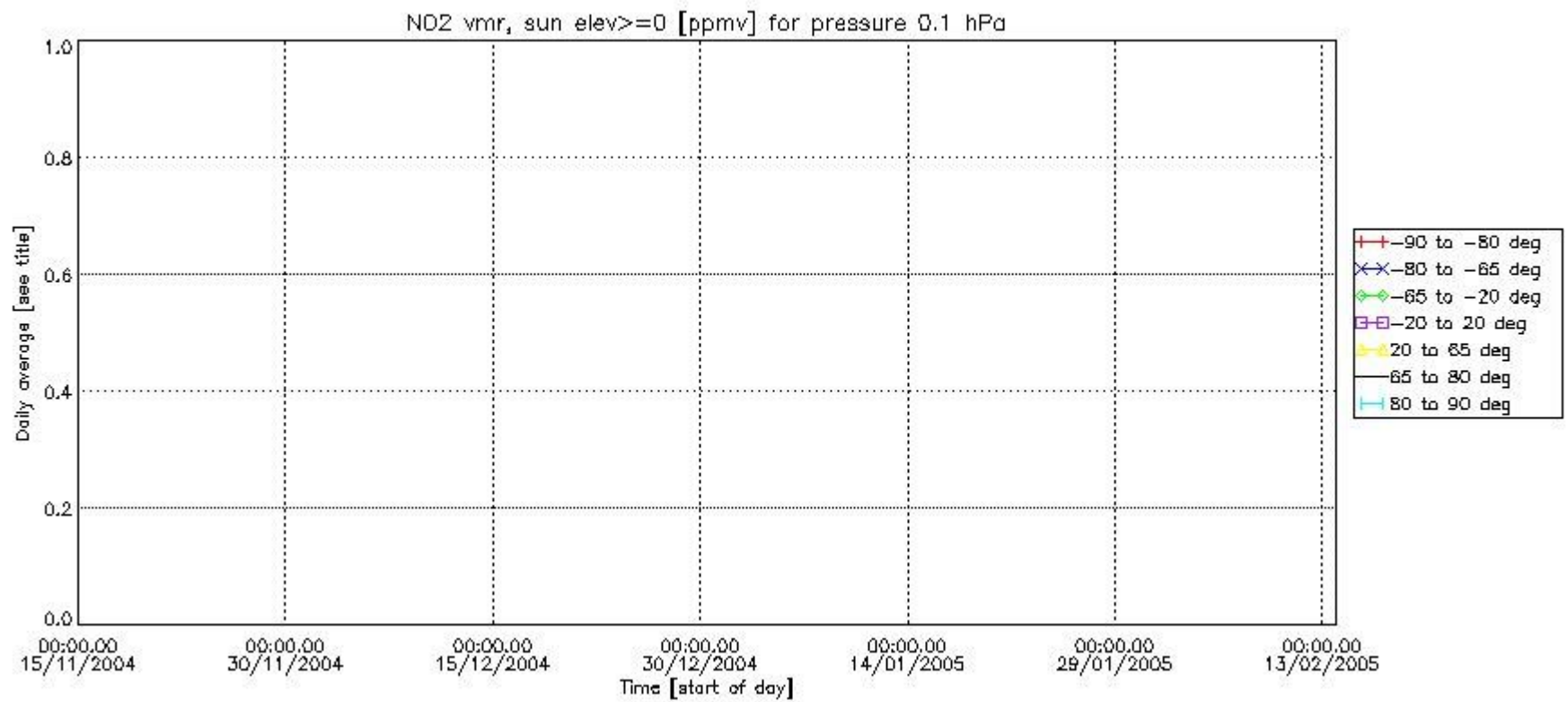


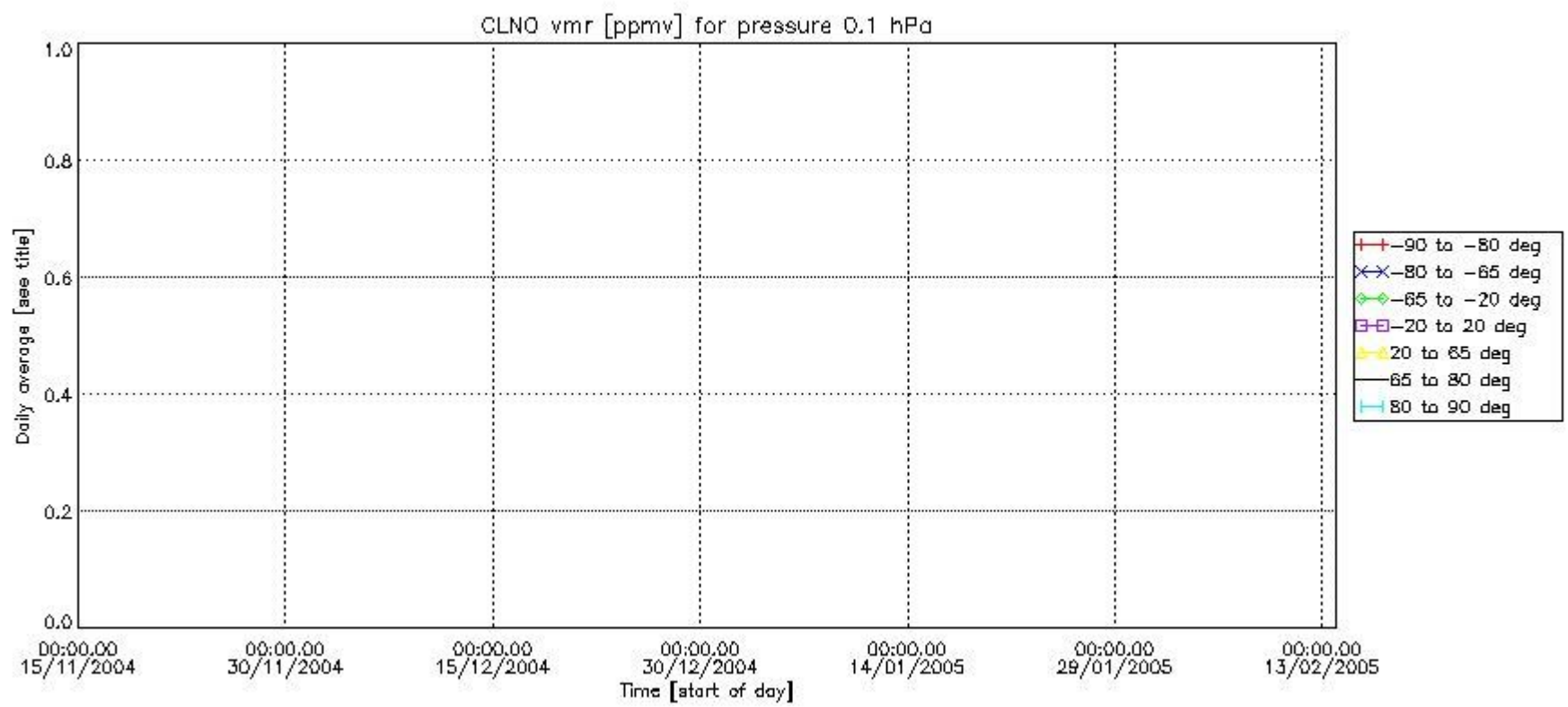
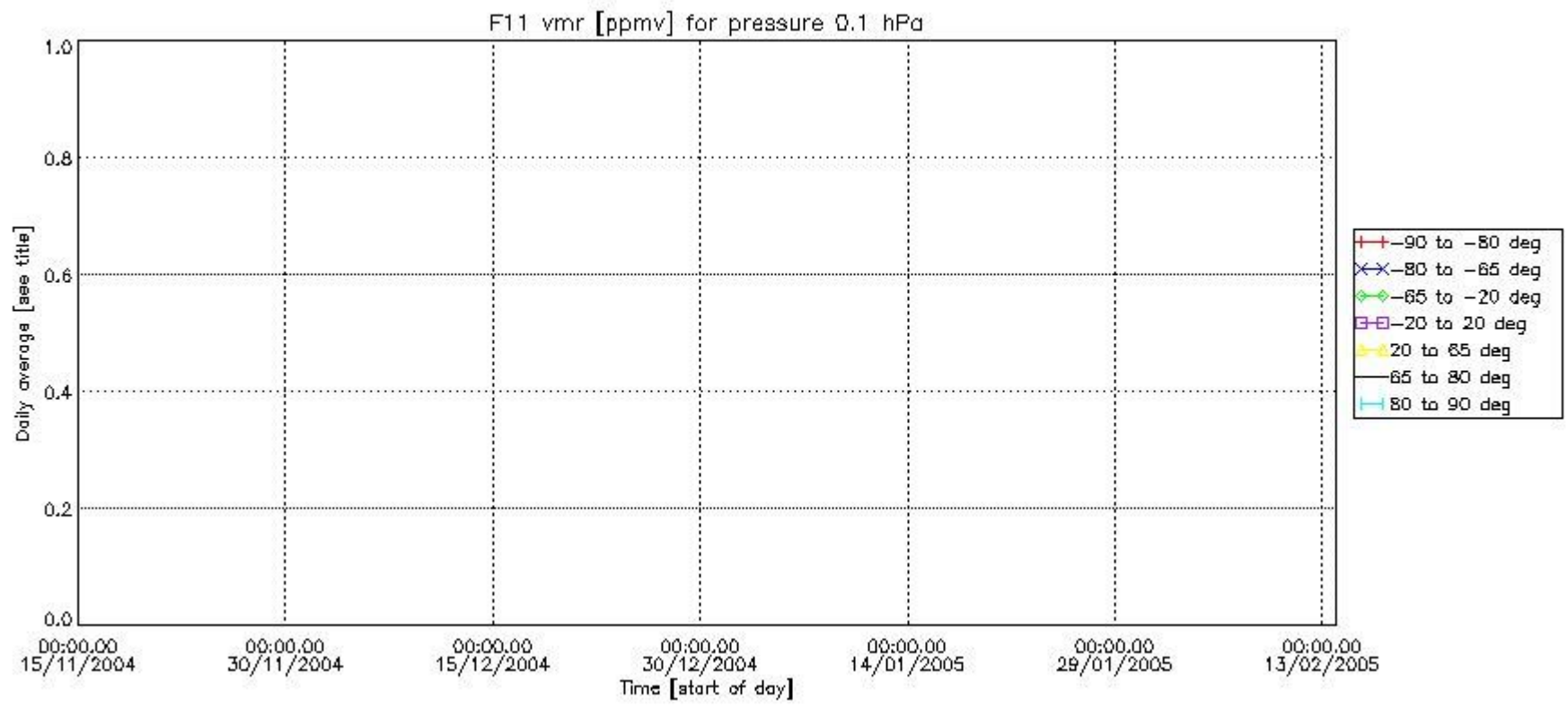


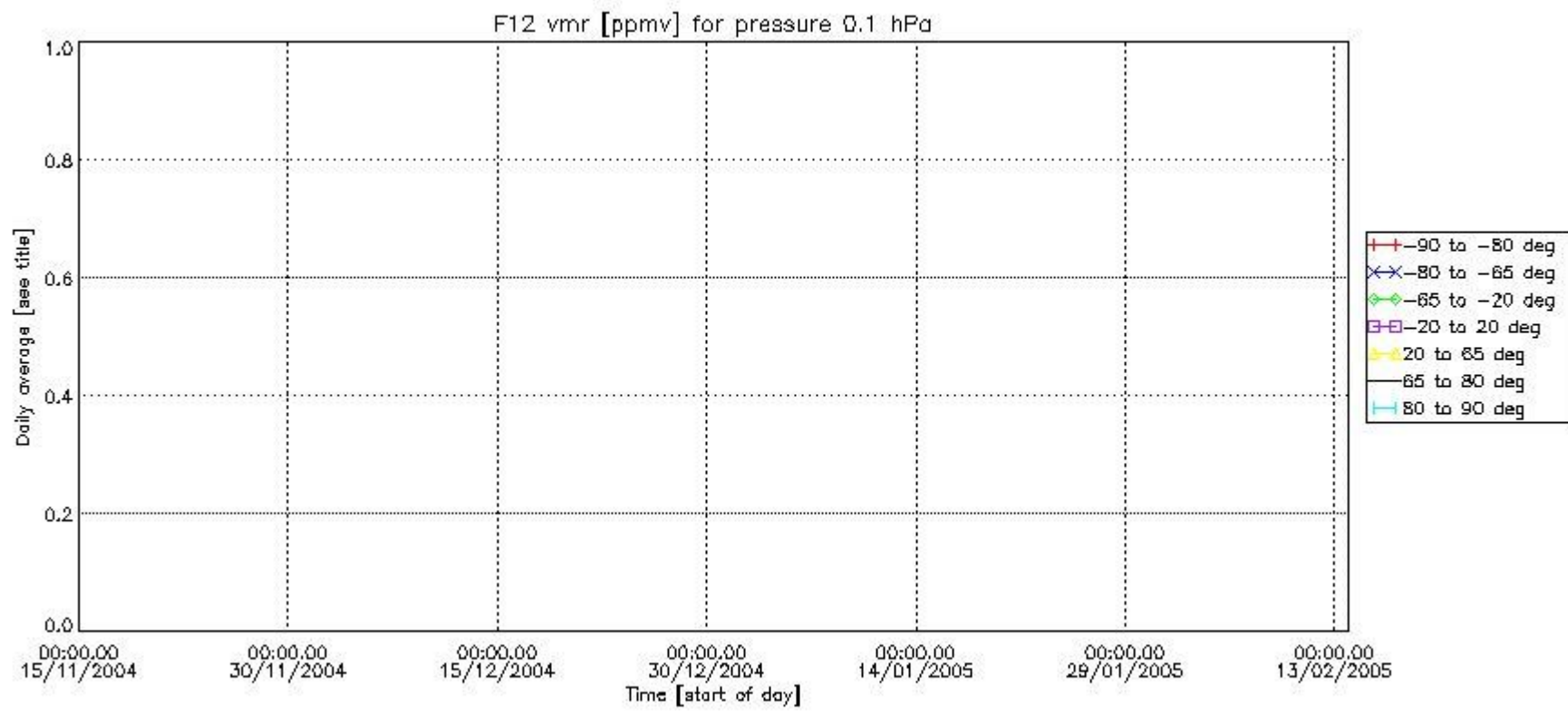
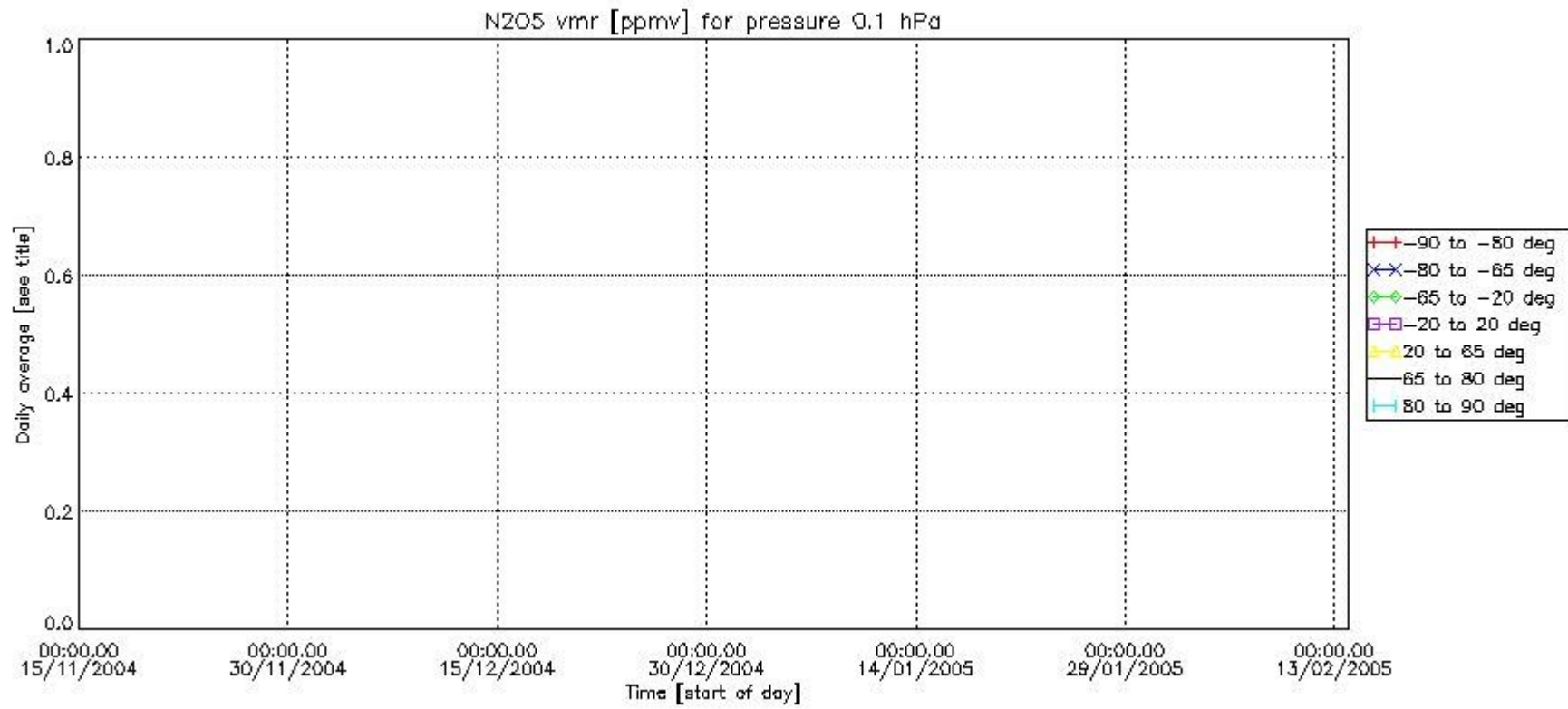


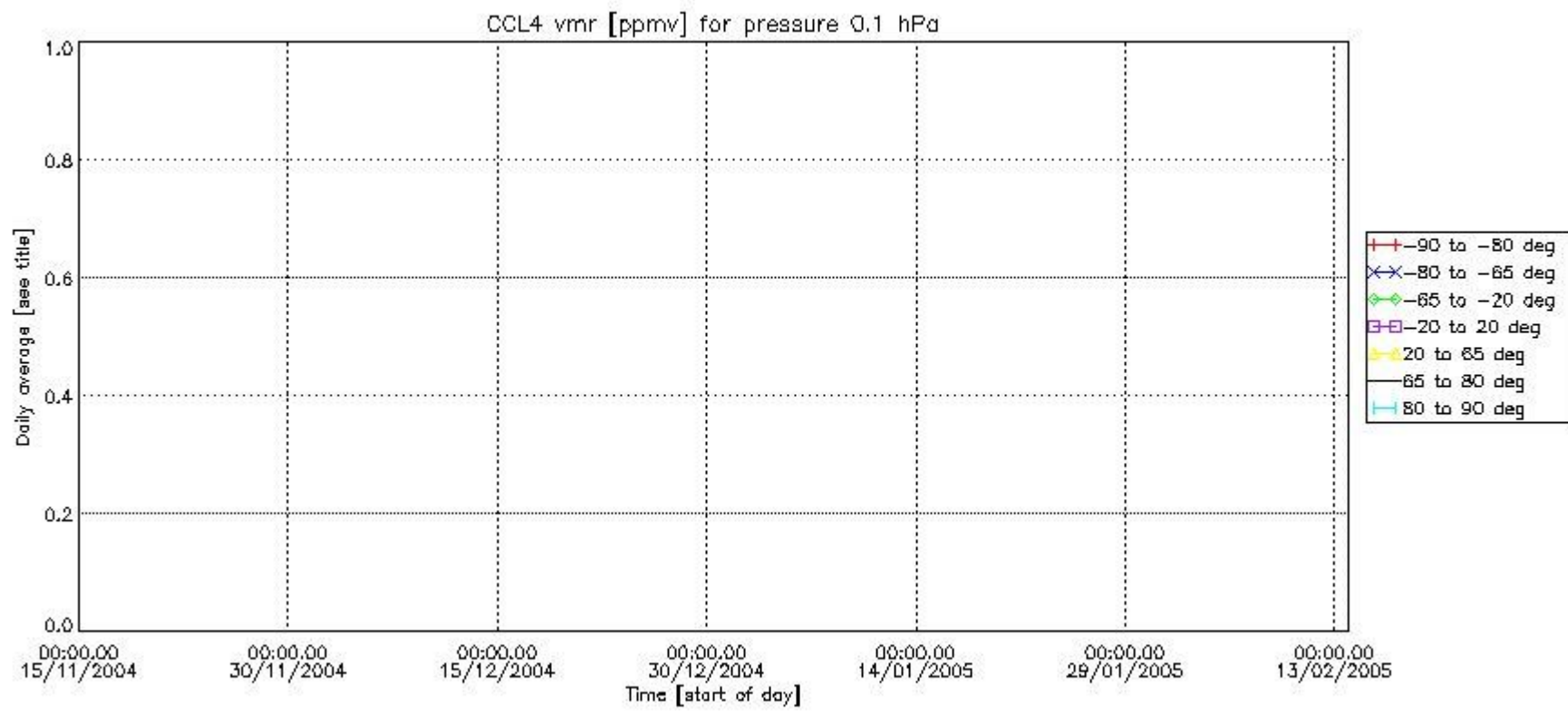
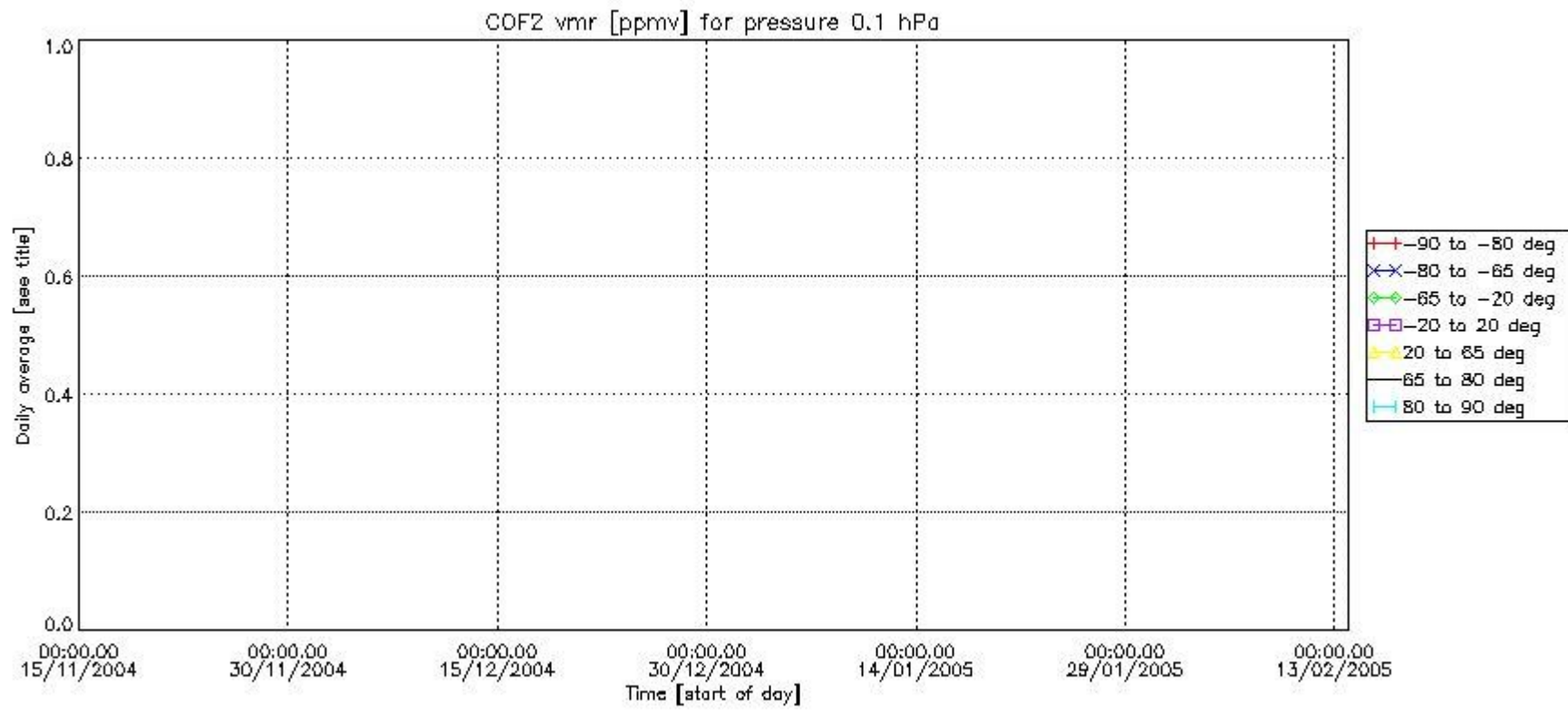


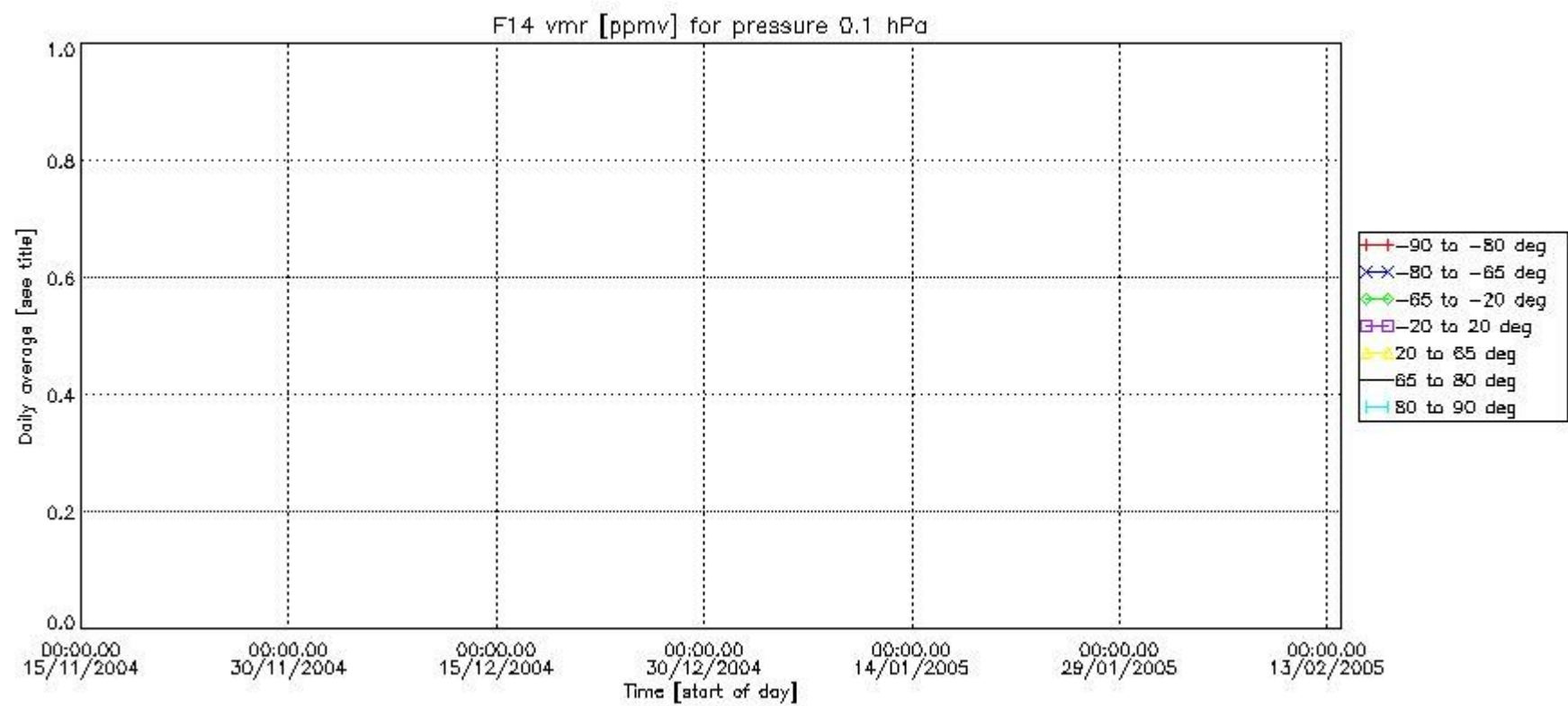
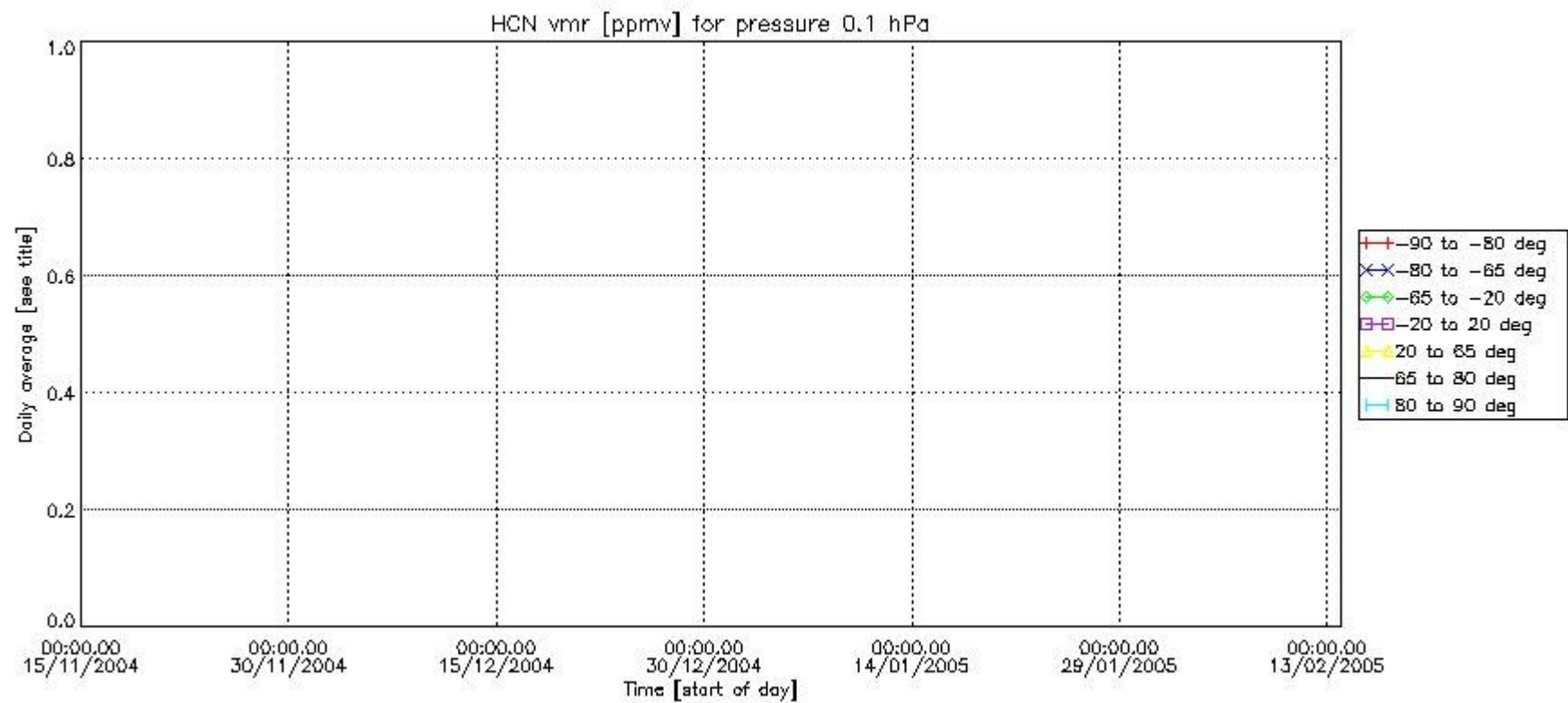


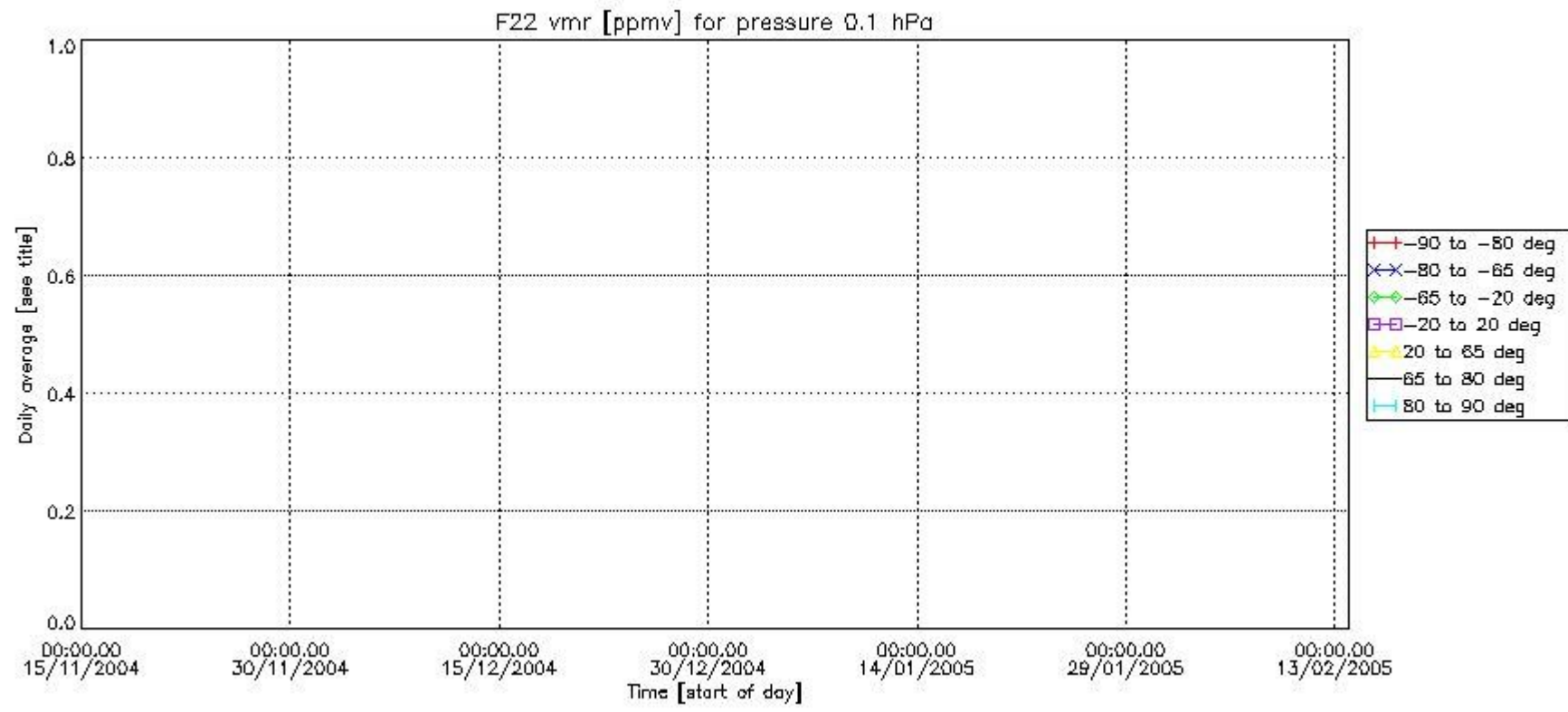












Number of successful retrievals vs. geolocation (*=day side , triangle=night side).

