

2. MIPAS Daily Report for level 2 products summary report

(See [mipas_daily_report_level2_ML2PP_7_03_W_20060118.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	26APR2016 11:17:33
Data source version	ML2PP/7.03-W
Processing scope for products	18JAN2006 00:00:00 to 19JAN2006 00:00:00
Start time of first product within scope	18JAN2006 08:40:09
Stop time of last product within scope	18JAN2006 22:06:05
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__2PWDSI20060118_084009_000054992044_00222_20316_1000.N1	18JAN2006 08:40:09	18JAN2006 10:11:48	0	98/98	VMR_TERM_MACRO_MICRO[F14/macro:1; HCN/micro:2]
1	MIP_NL__2PWDSI20060118_101238_000060352044_00223_20317_1000.N1	18JAN2006 10:12:38	18JAN2006 11:53:13	0	133/133	VMR_TERM_MACRO_MICRO[HCN/micro:2]
2	MIP_NL__2PWDSI20060118_115319_000005502044_00224_20318_1000.N1	18JAN2006 11:53:19	18JAN2006 12:02:29	0	12/12	
3	MIP_NL__2PWDSI20060118_183936_000057482044_00228_20322_1000.N1	18JAN2006 18:39:36	18JAN2006 20:15:23	0	122/122	VMR_TERM_MACRO_MICRO[HCN/macro:1; HCN/micro:1]
4	MIP_NL__2PWDSI20060118_201613_000060352044_00229_20323_1000.N1	18JAN2006 20:16:13	18JAN2006 21:56:49	0	133/133	VMR_TERM_MACRO_MICRO[HCN/macro:3; F14/macro:1; HCN/micro:2]
5	MIP_NL__2PWDSI20060118_215655_000005502044_00230_20324_1000.N1	18JAN2006 21:56:55	18JAN2006 22:06:05	0	12/12	

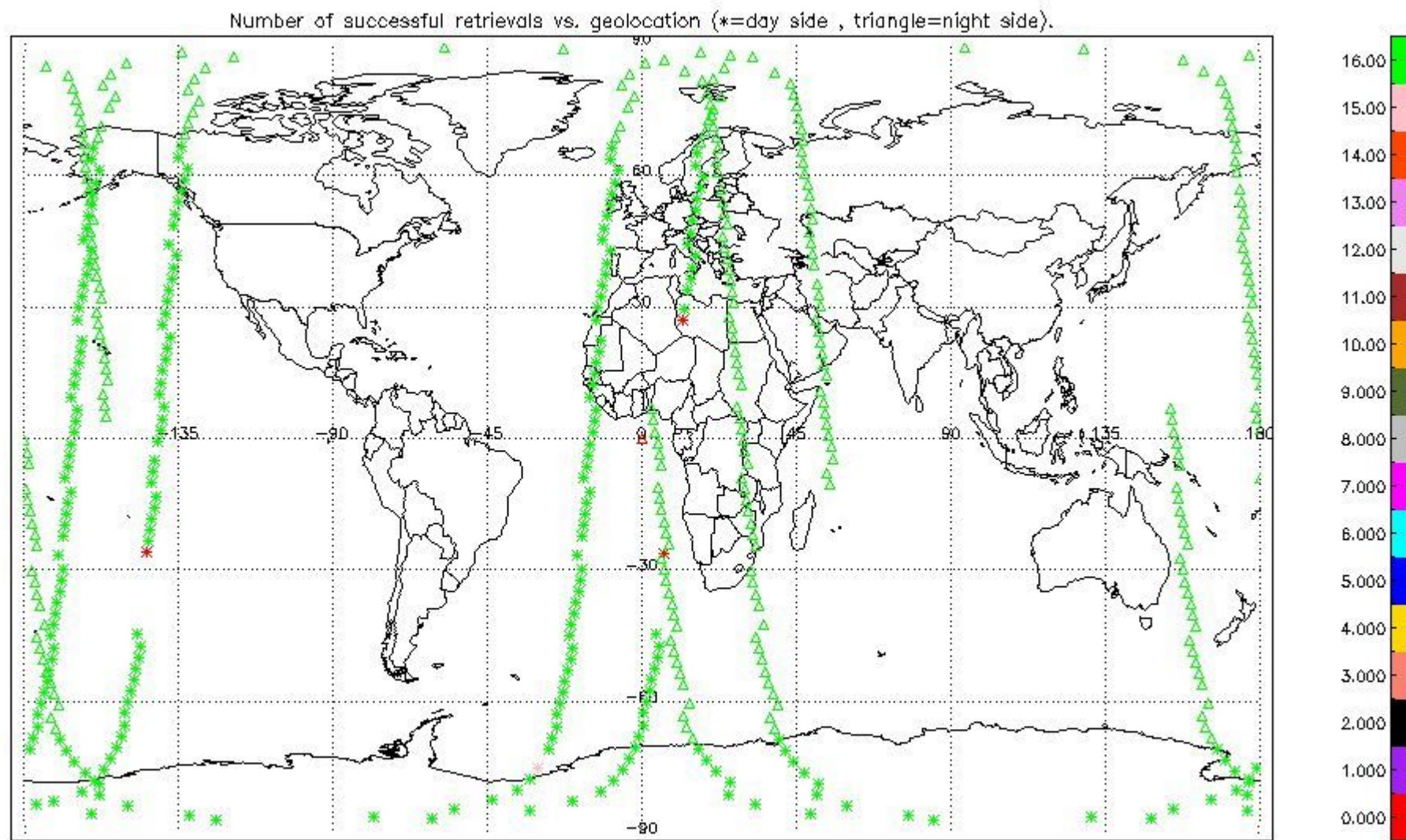
2.2 Processing performance indicators

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.

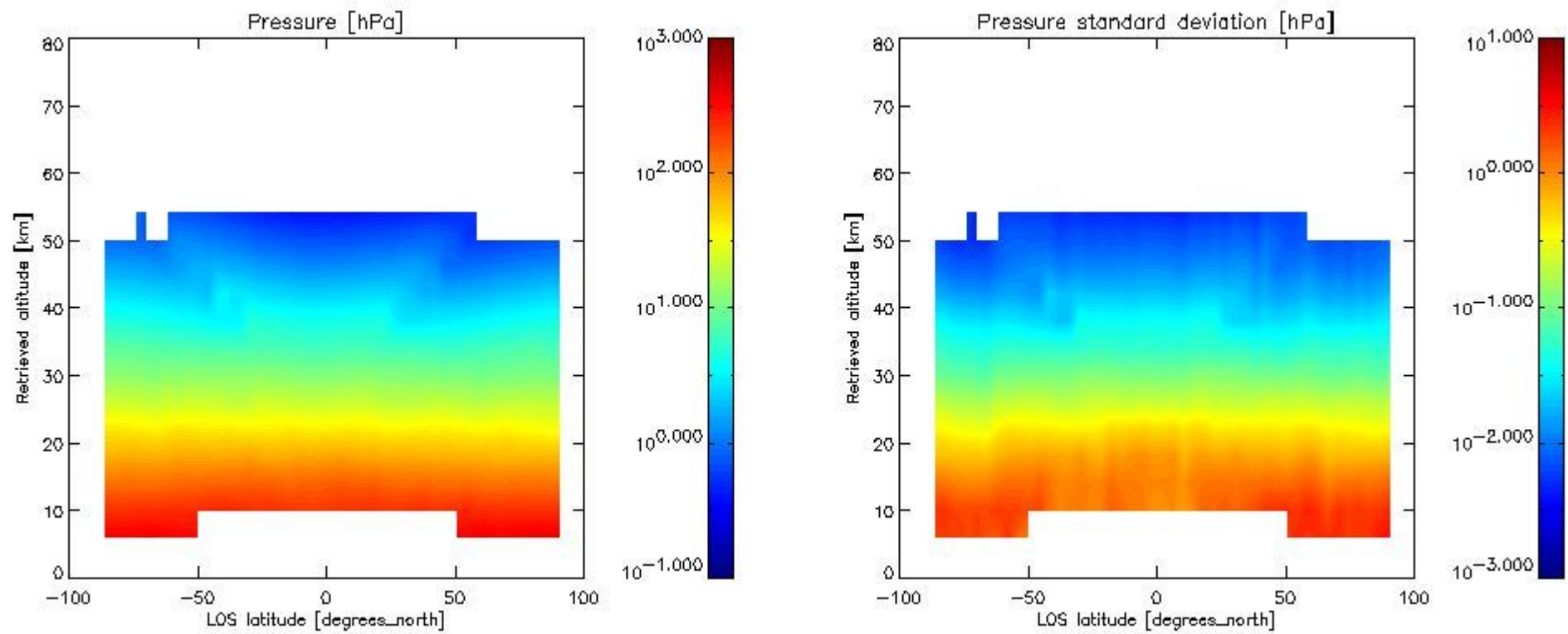
RETRIEVAL MDS	# scans processed	# Successful retrievals	%
PT	510	505	99.020
H2O	510	505	99.020
O3	510	505	99.020
HNO3	510	505	99.020

CH4	510	505	99.020
N2O	510	505	99.020
NO2	510	505	99.020
F11	510	505	99.020
CLNO	510	505	99.020
N2O5	510	505	99.020
F12	510	504	98.824
COF2	510	505	99.020
CCL4	510	505	99.020
HCN	510	505	99.020
F14	510	505	99.020
F22	510	505	99.020



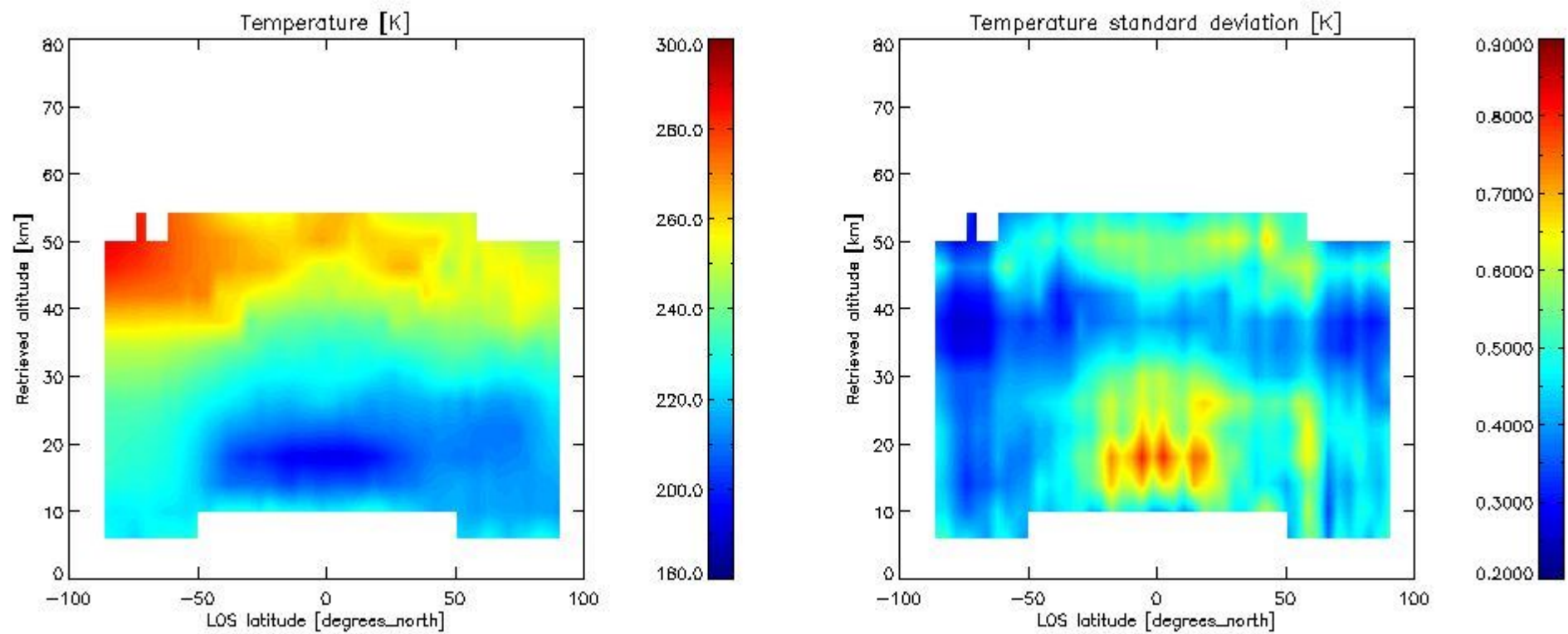
2.2.2 Pressure overview

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



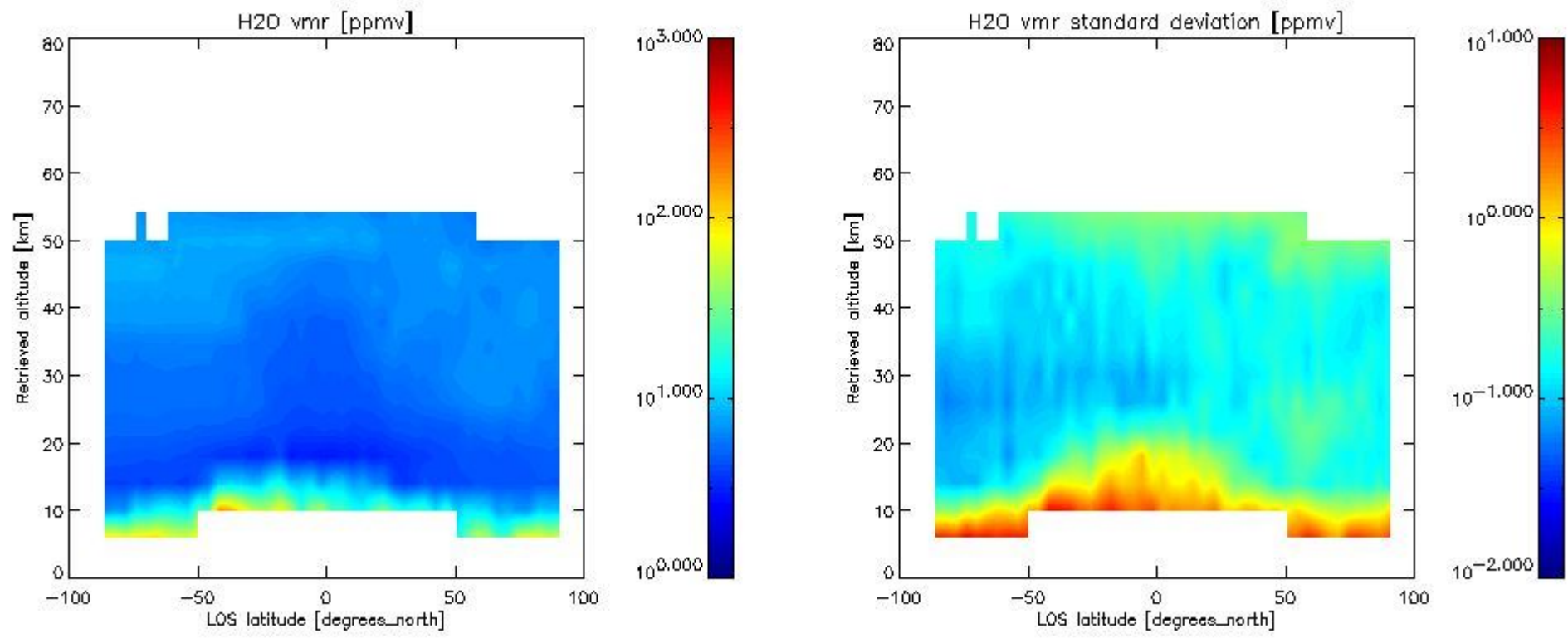
2.2.3 Temperature overview

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

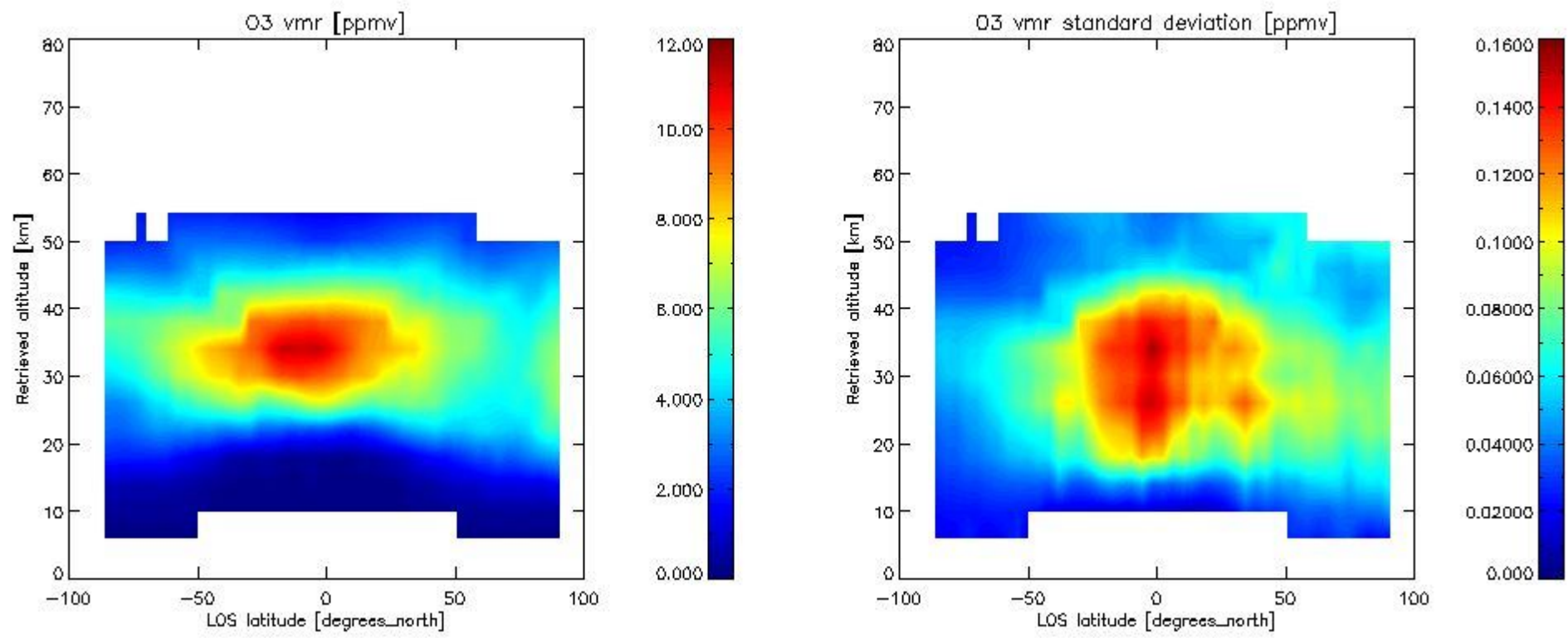


2.2.4 Species overview

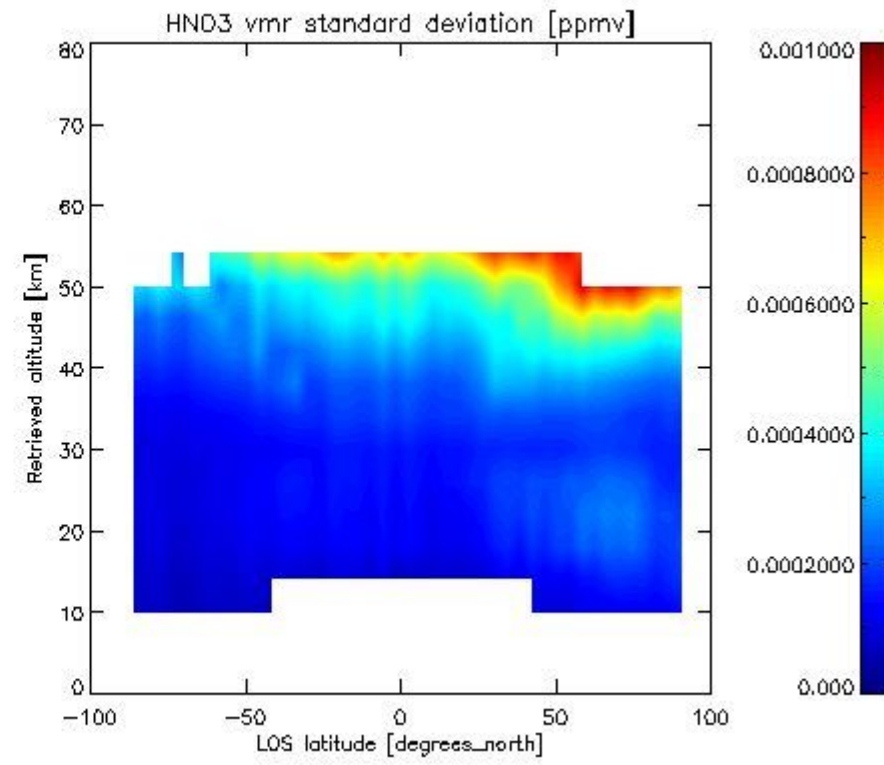
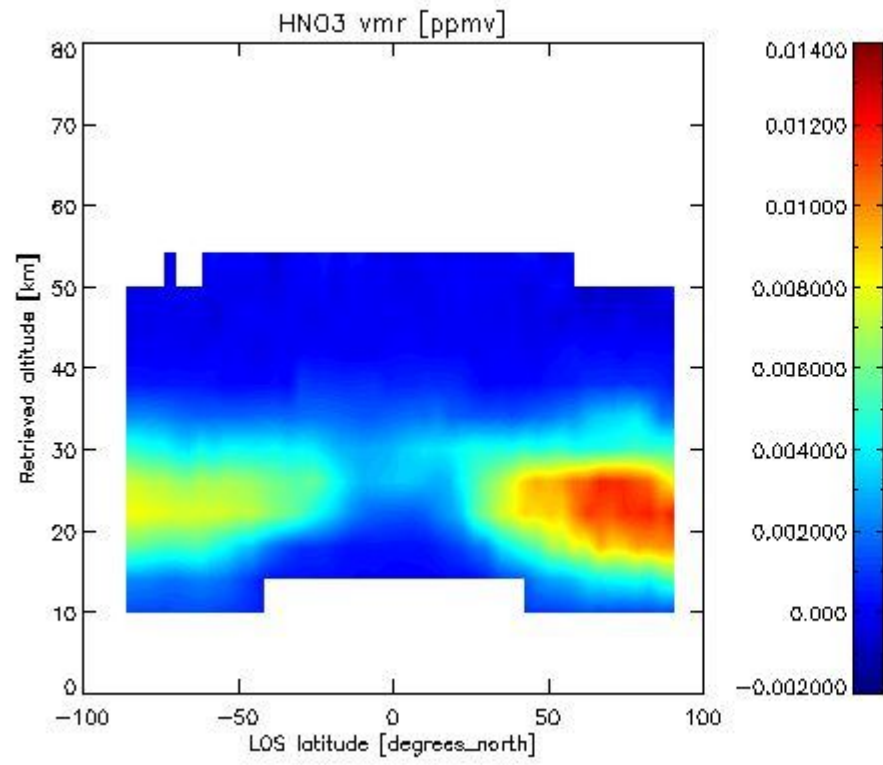
2.2.4.1 H₂O overview This section shows values (left) and error (right) for H₂O after binning individual sweep values over retrieved altitude and tangent latitude.



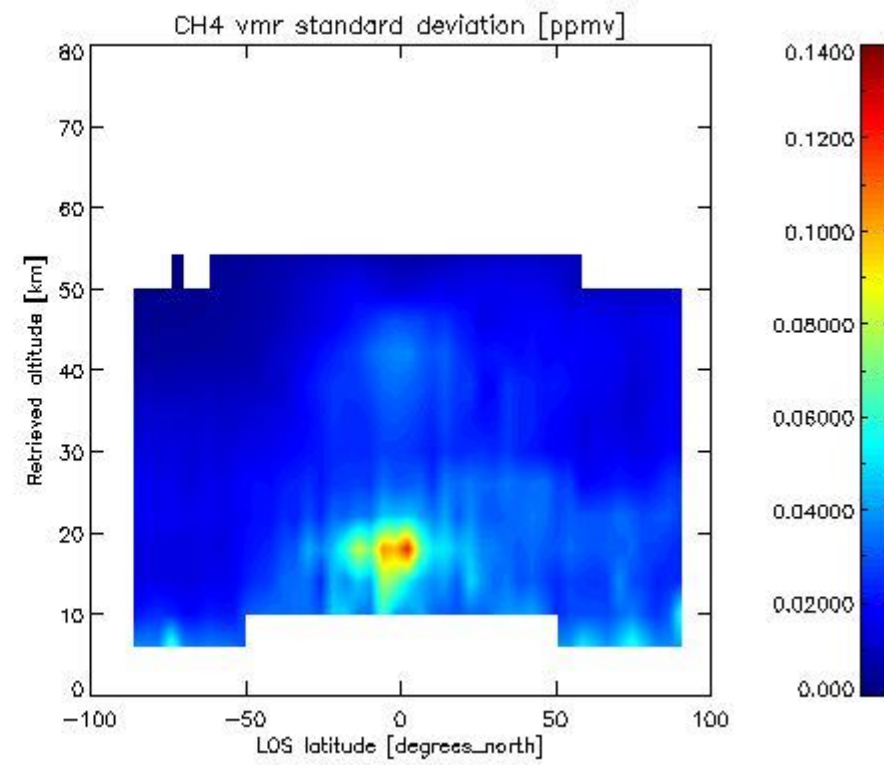
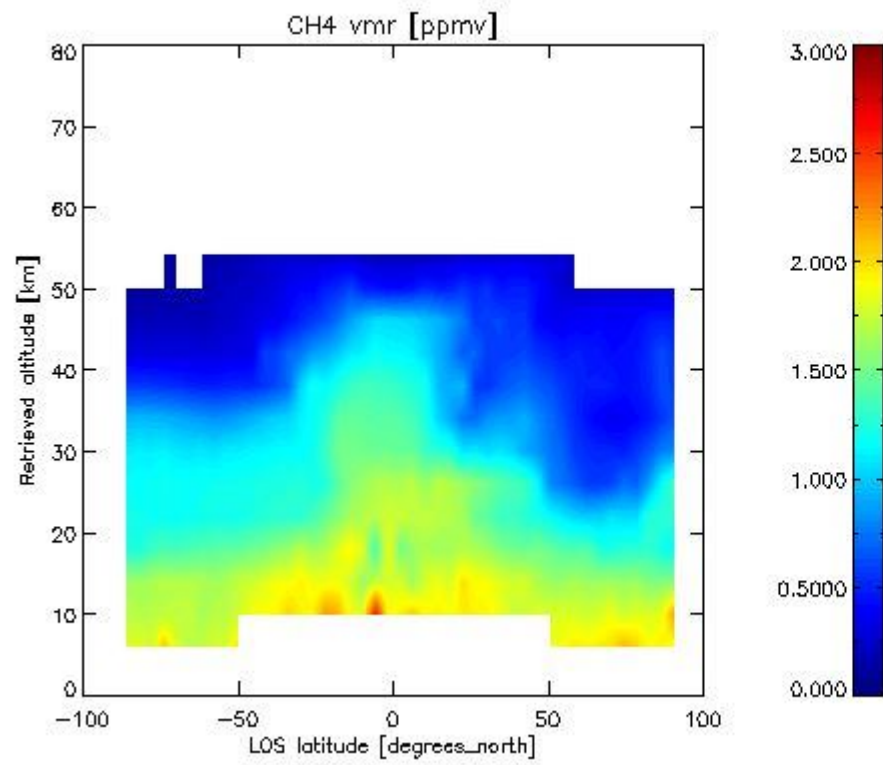
2.2.4.2 O3 overview This section shows values (left) and error (right) for O3 after binning individual sweep values over retrieved altitude and tangent latitude.



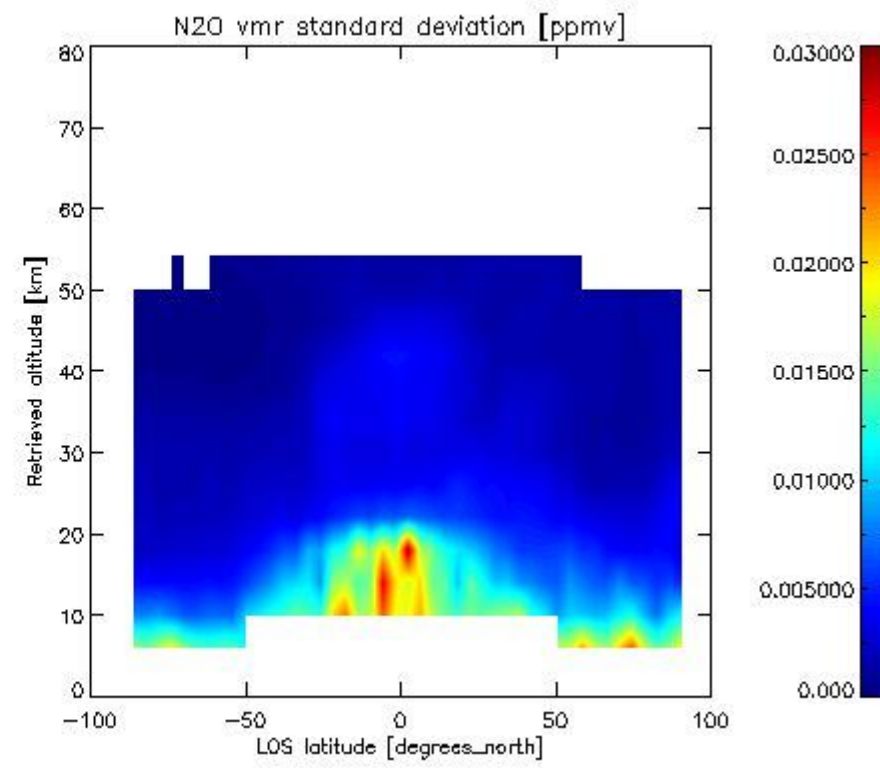
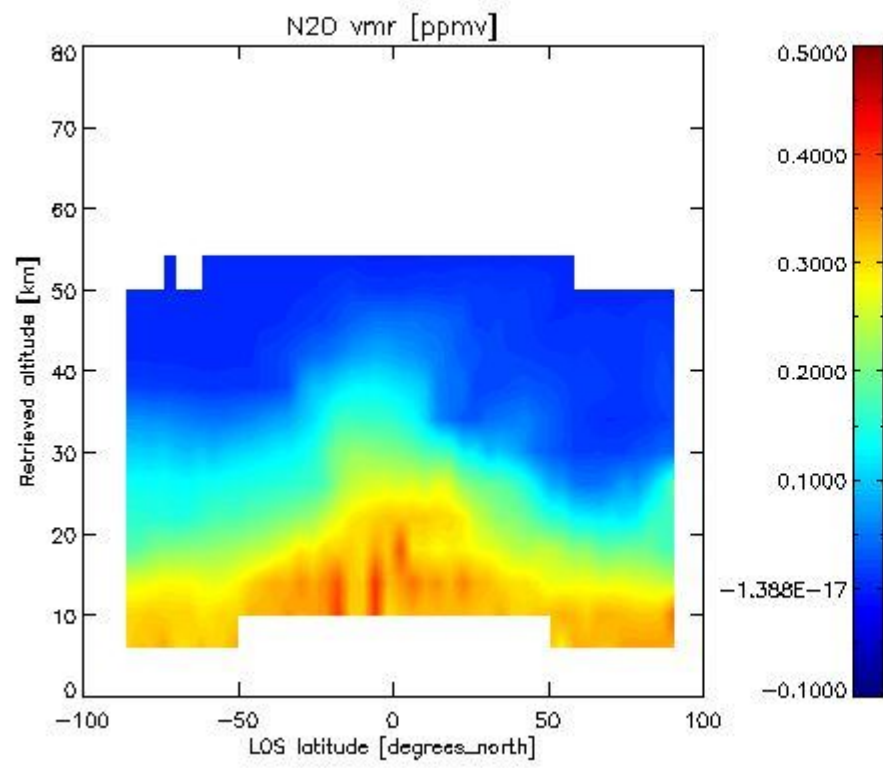
2.2.4.3 HNO3 overview This section shows values (left) and error (right) for HNO3 after binning individual sweep values over retrieved altitude and tangent latitude.



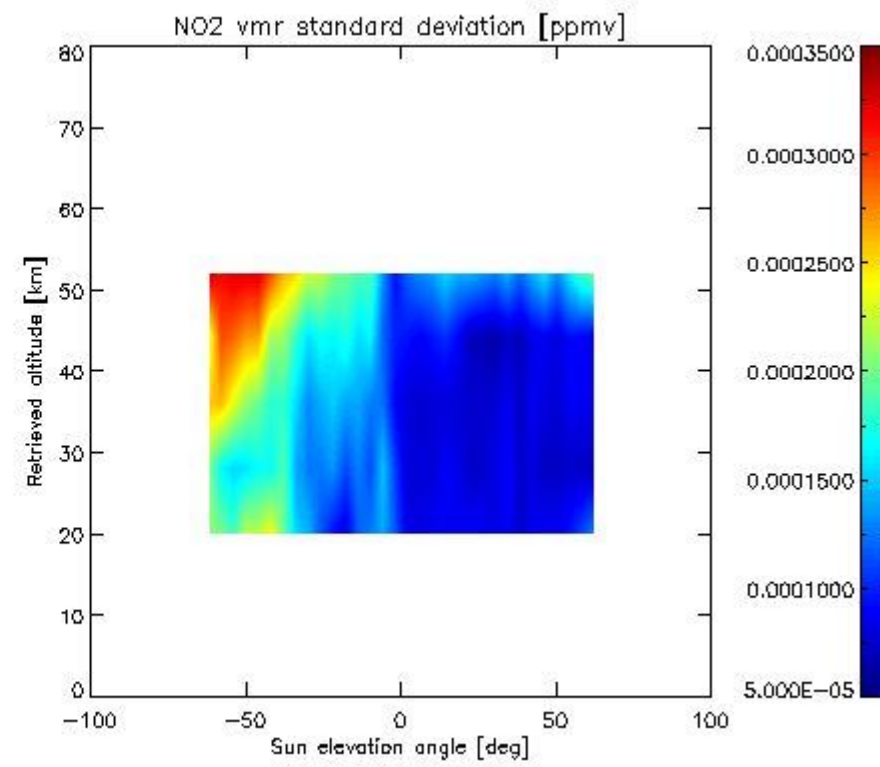
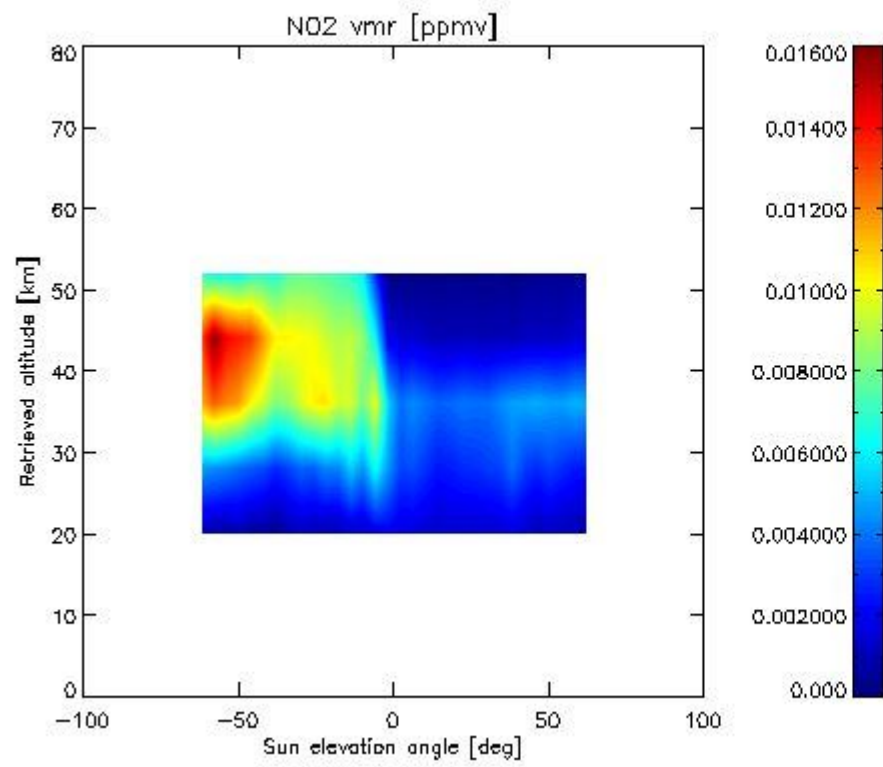
2.2.4.4 CH₄ overview This section shows values (left) and error (right) for CH₄ after binning individual sweep values over retrieved altitude and tangent latitude.



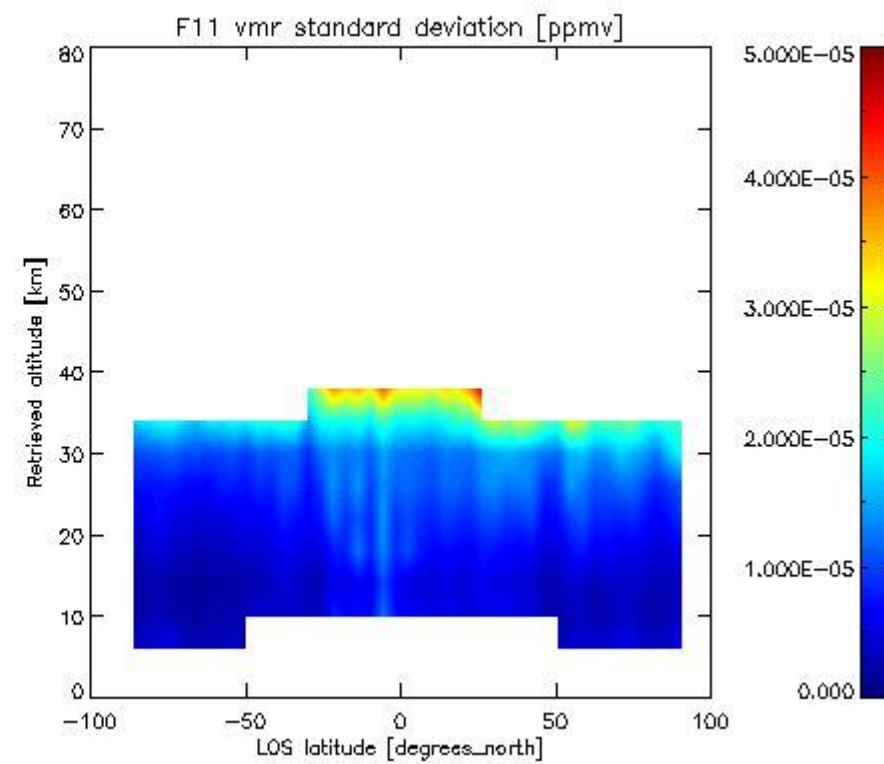
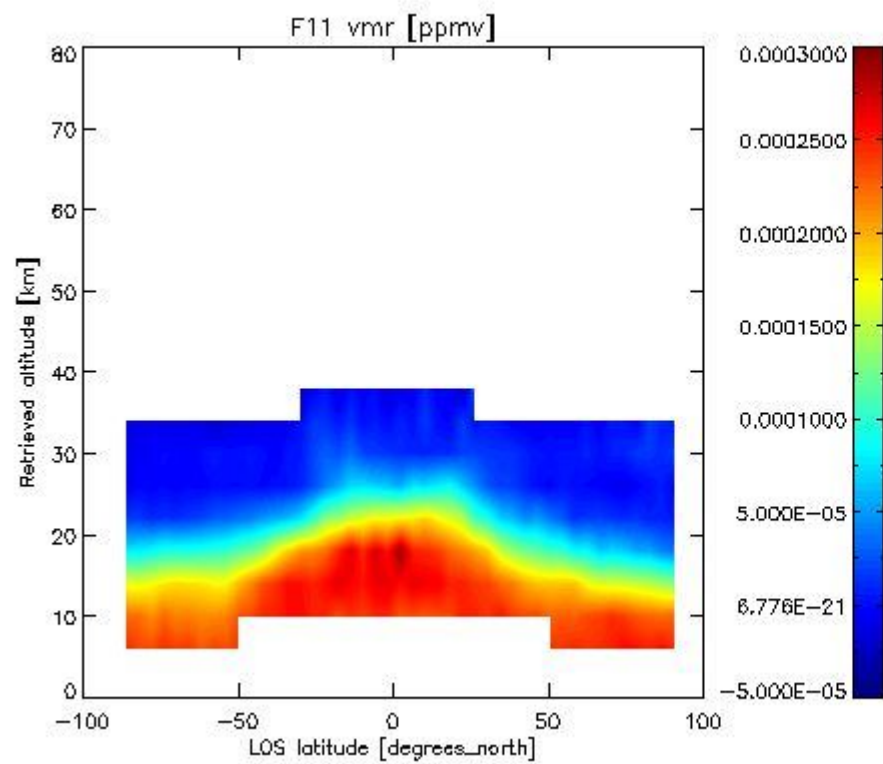
2.2.4.5 N₂O overview This section shows values (left) and error (right) for N₂O after binning individual sweep values over retrieved altitude and tangent latitude.



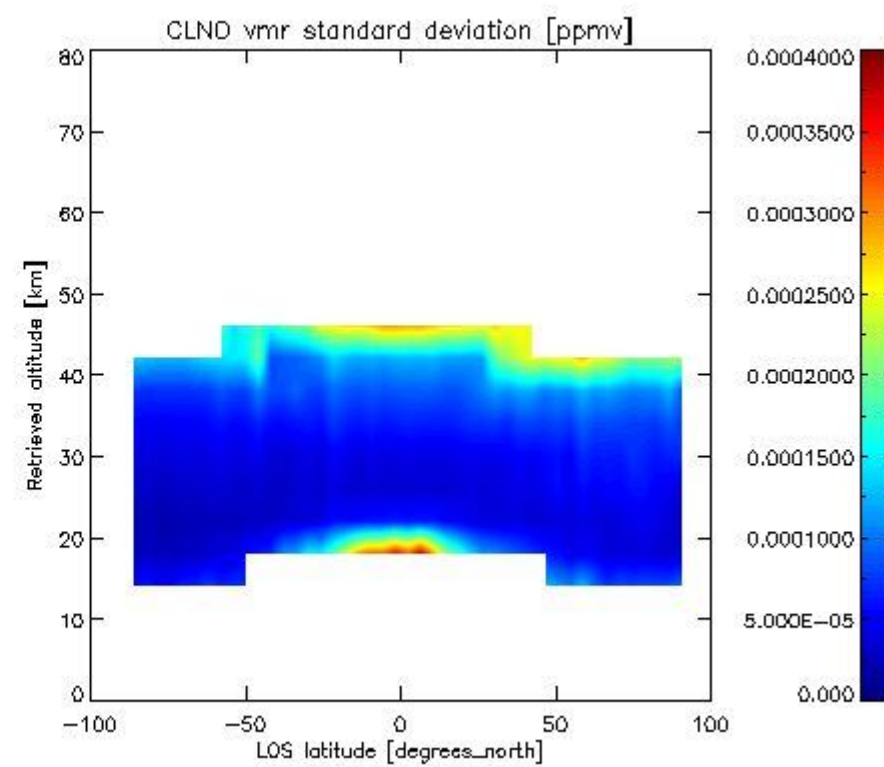
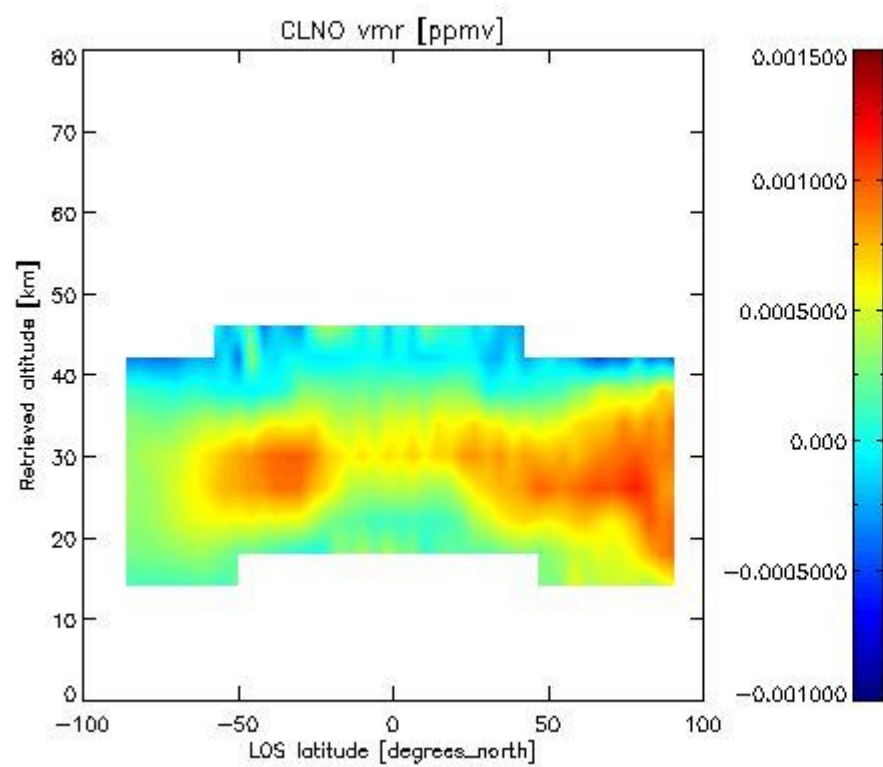
2.2.4.6 NO₂ overview This section shows values (left) and error (right) for NO₂ after binning individual sweep values over retrieved altitude and Sun Elevation Angle. Note that for NO₂ the bin heights are 6 km.

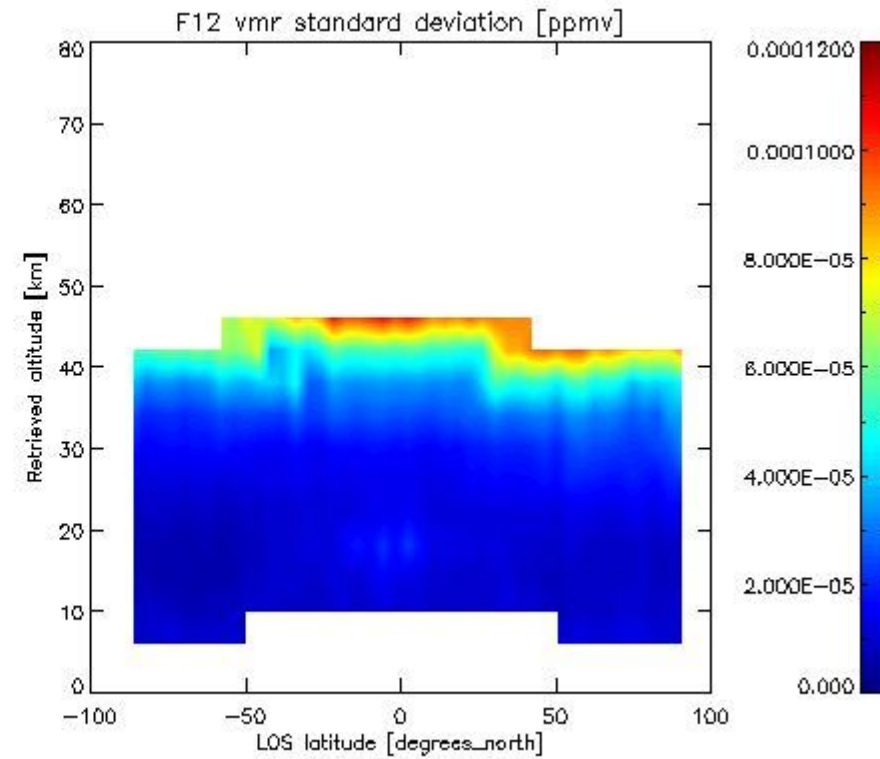
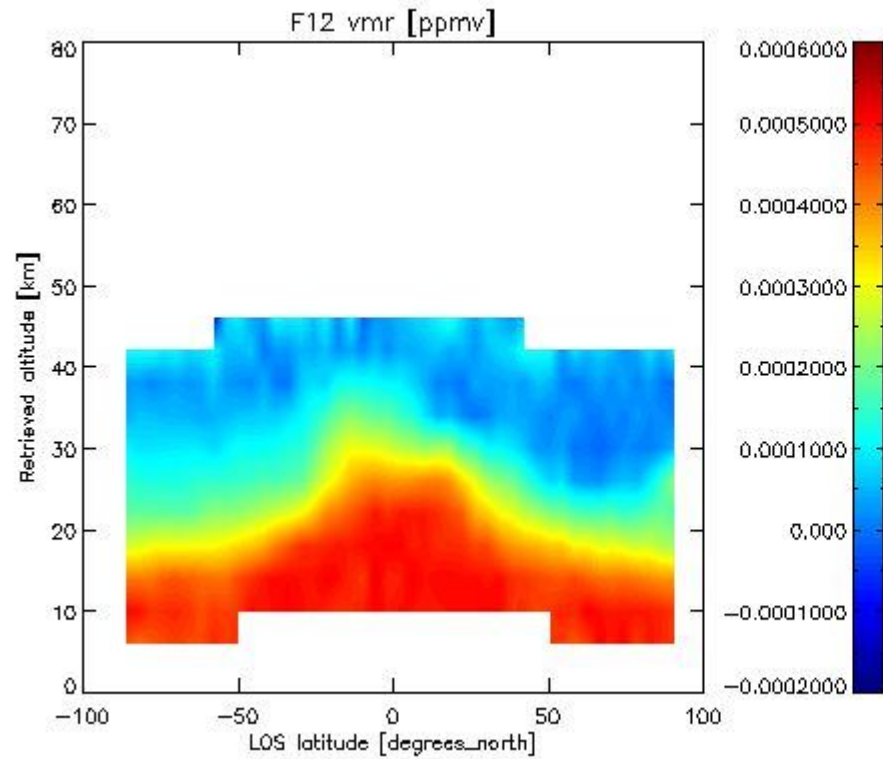
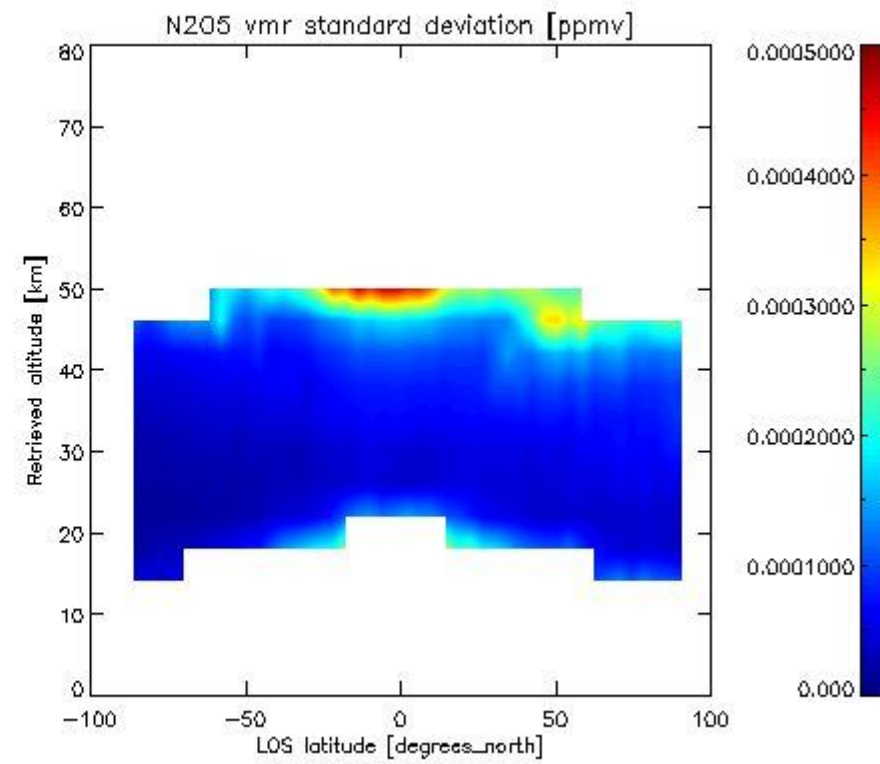
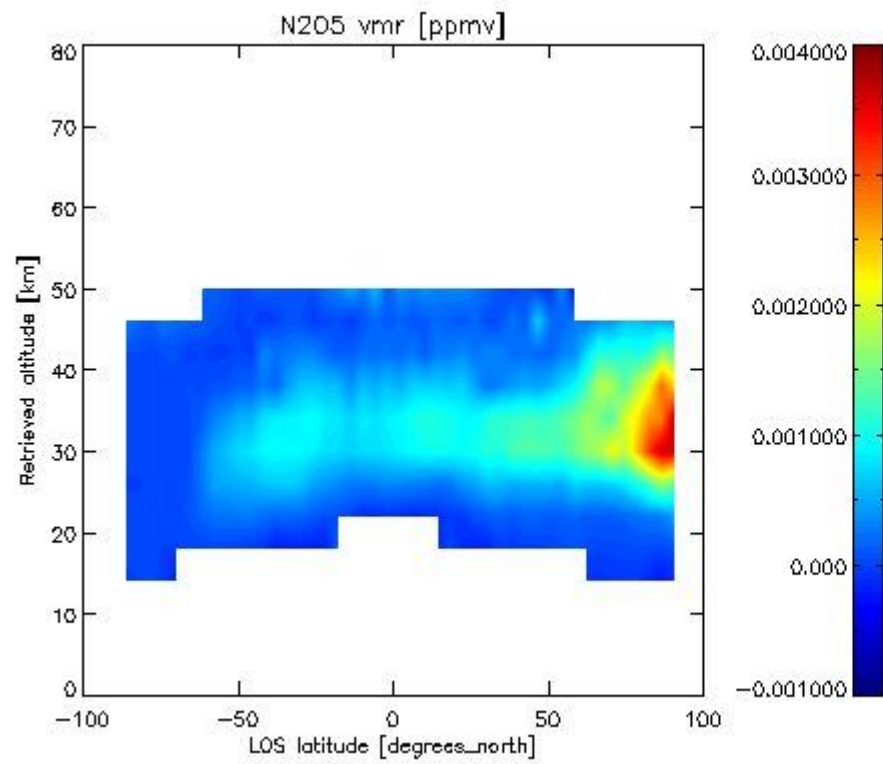


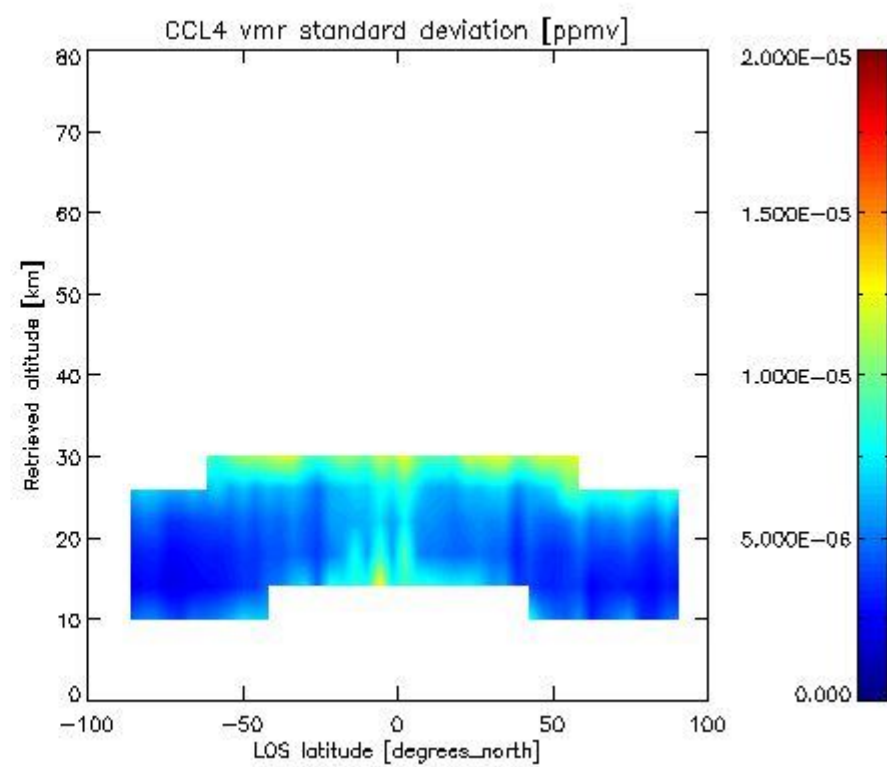
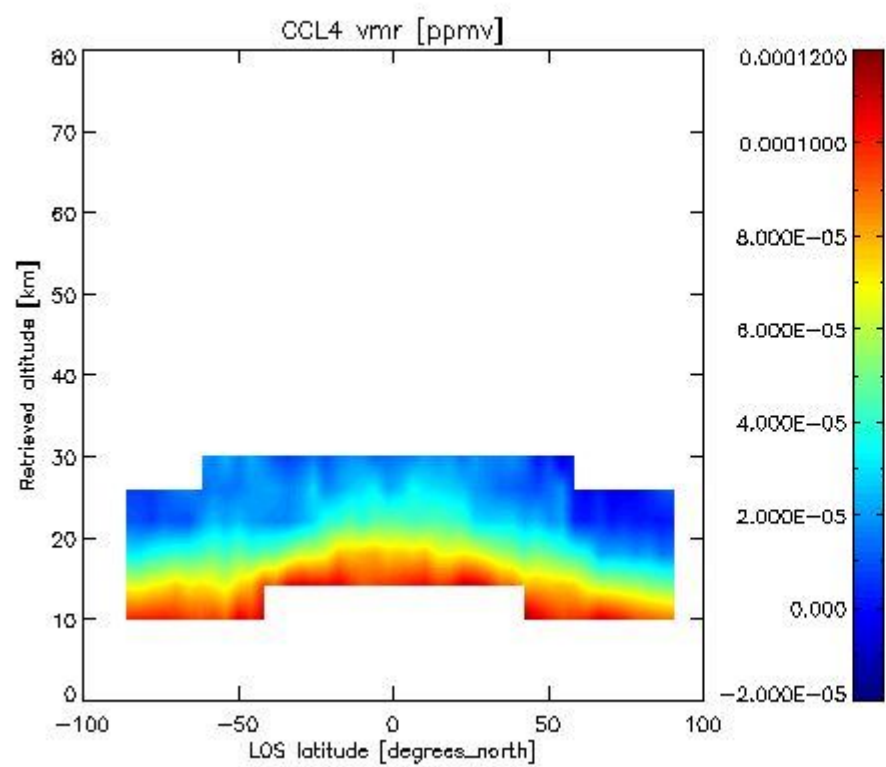
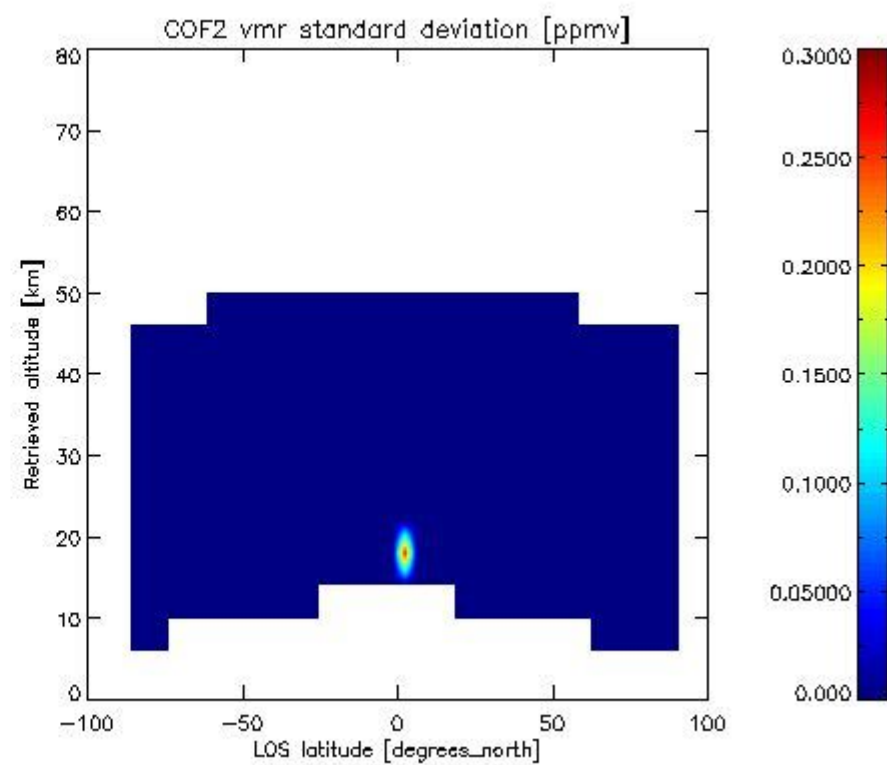
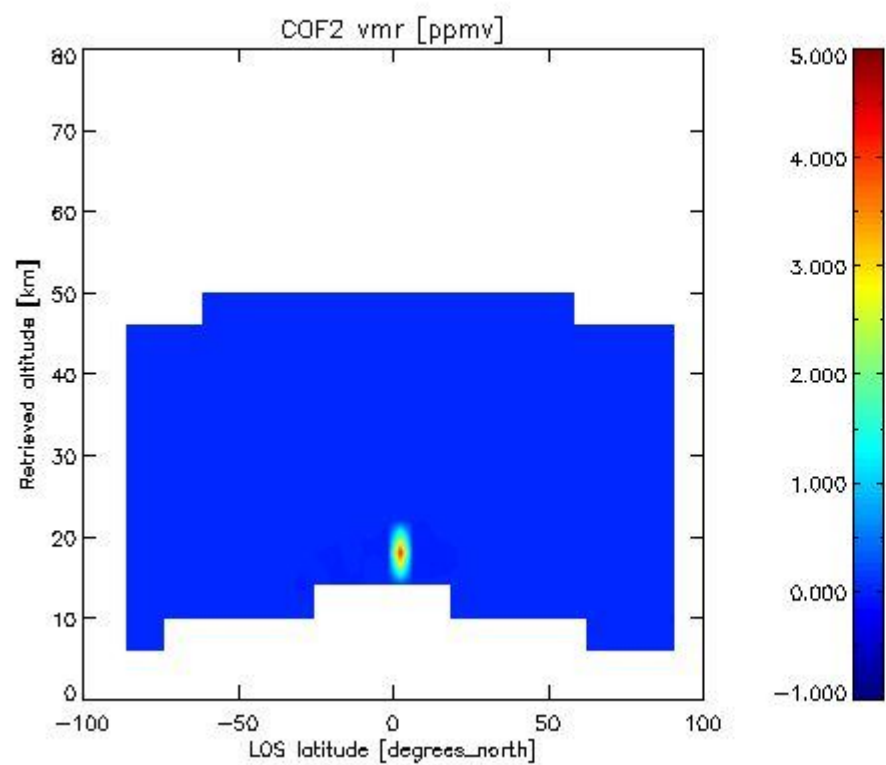
2.2.4.7 F11 overview This section shows values (left) and error (right) for F11 after binning individual sweep values over retrieved altitude and tangent latitude.

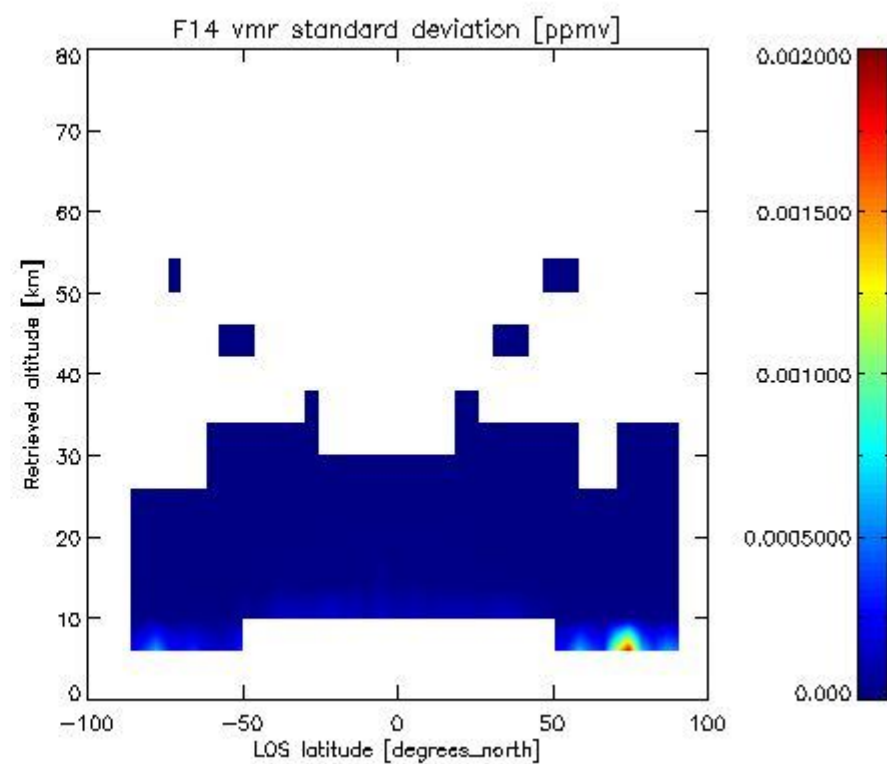
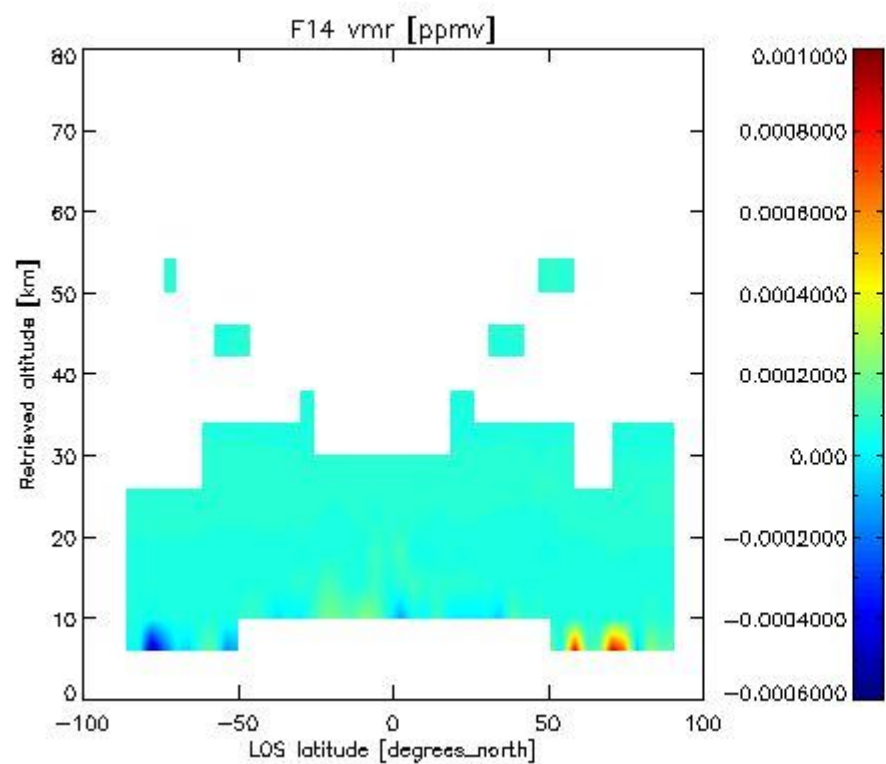
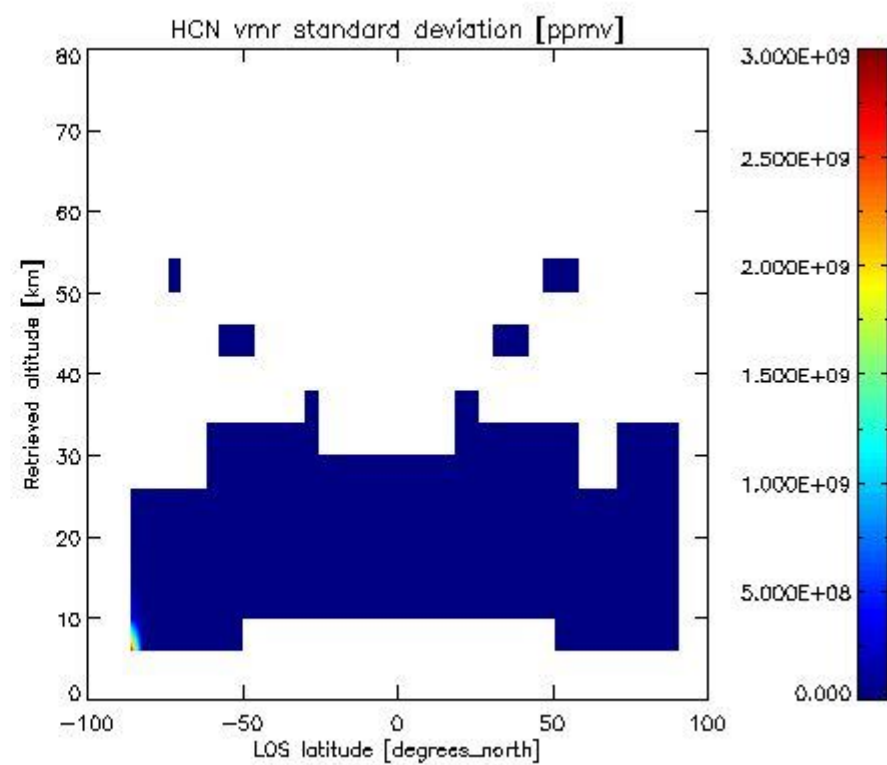
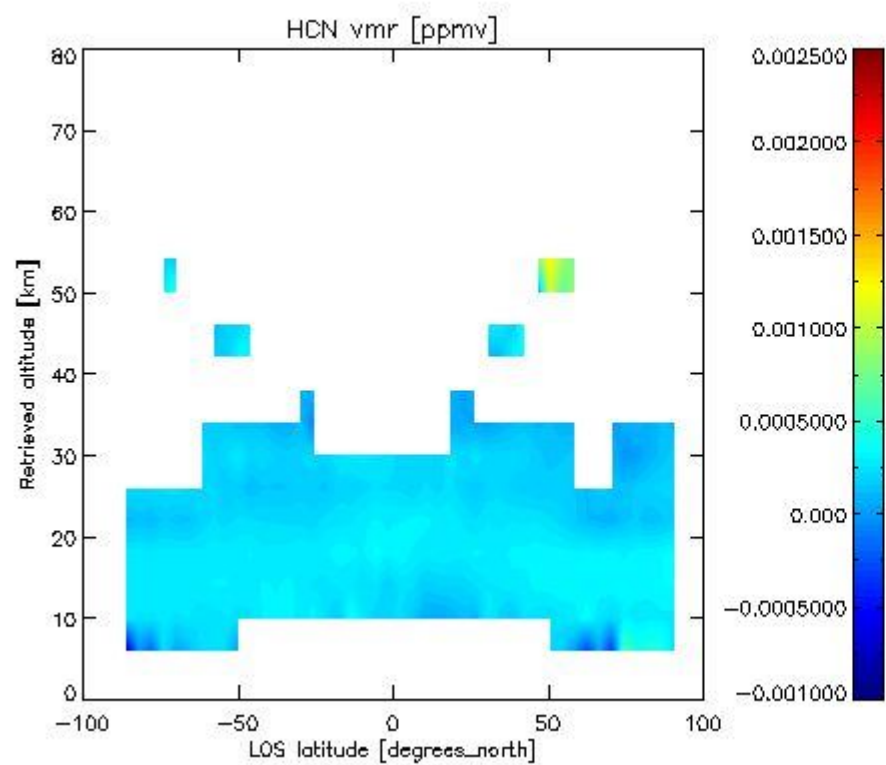


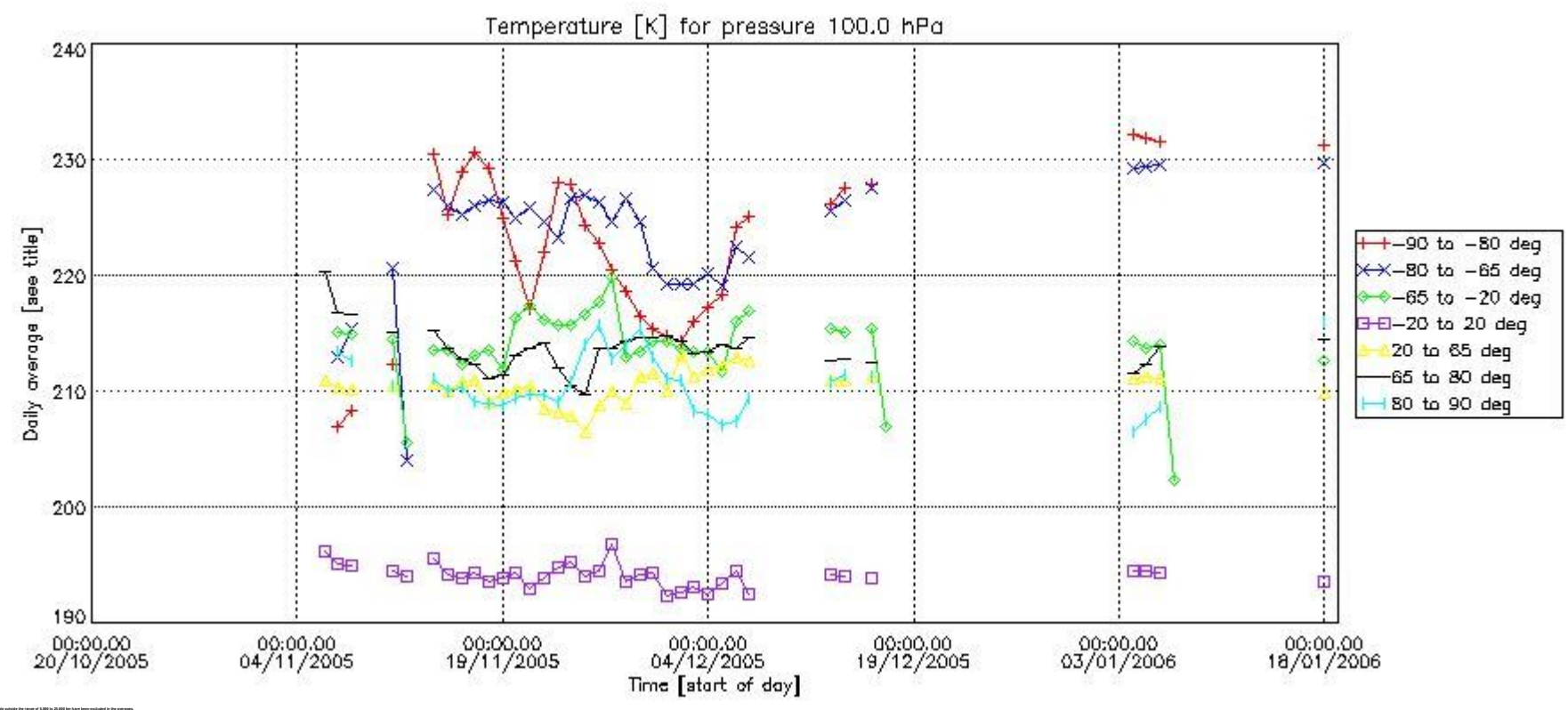
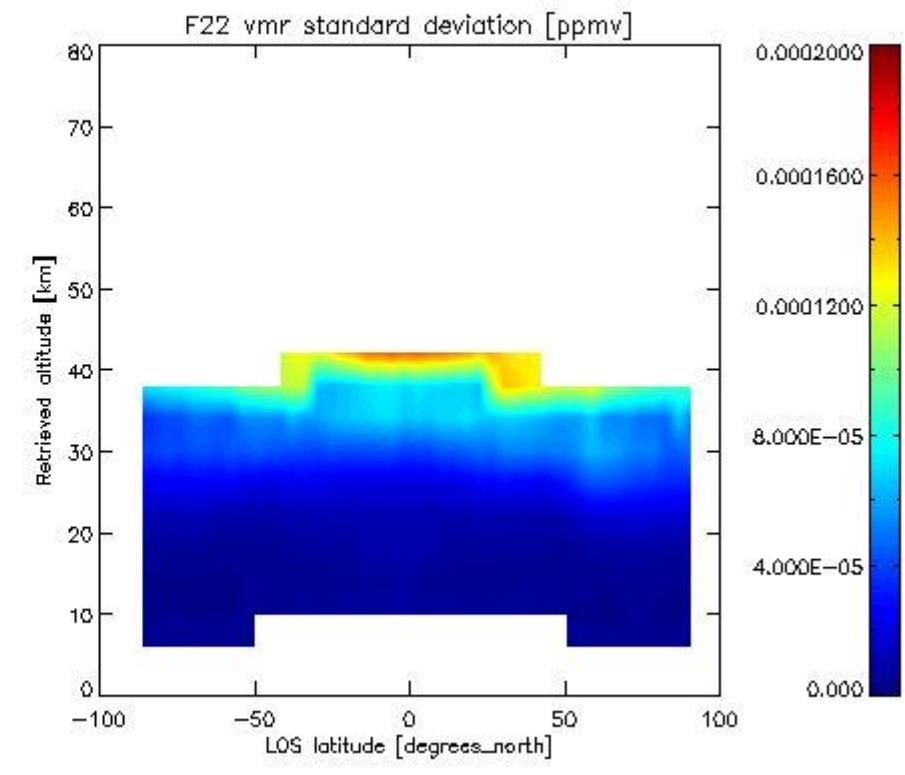
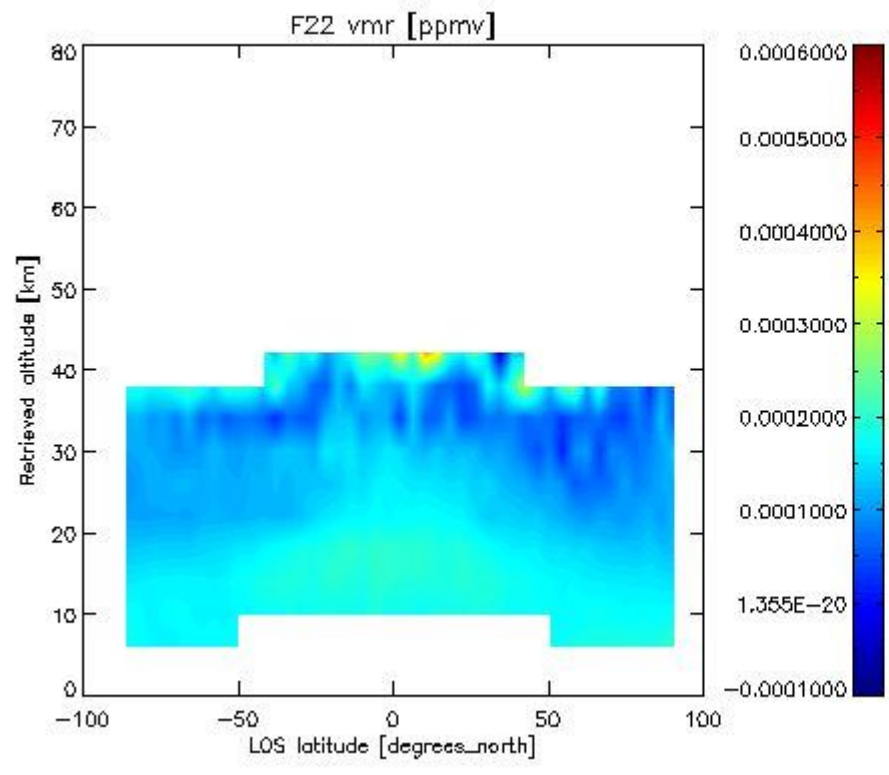
2.3.4 CLNO overview This section shows values (left) and error (right) for CLNO after binning individual vmr values over retrieved altitude and target latitude.

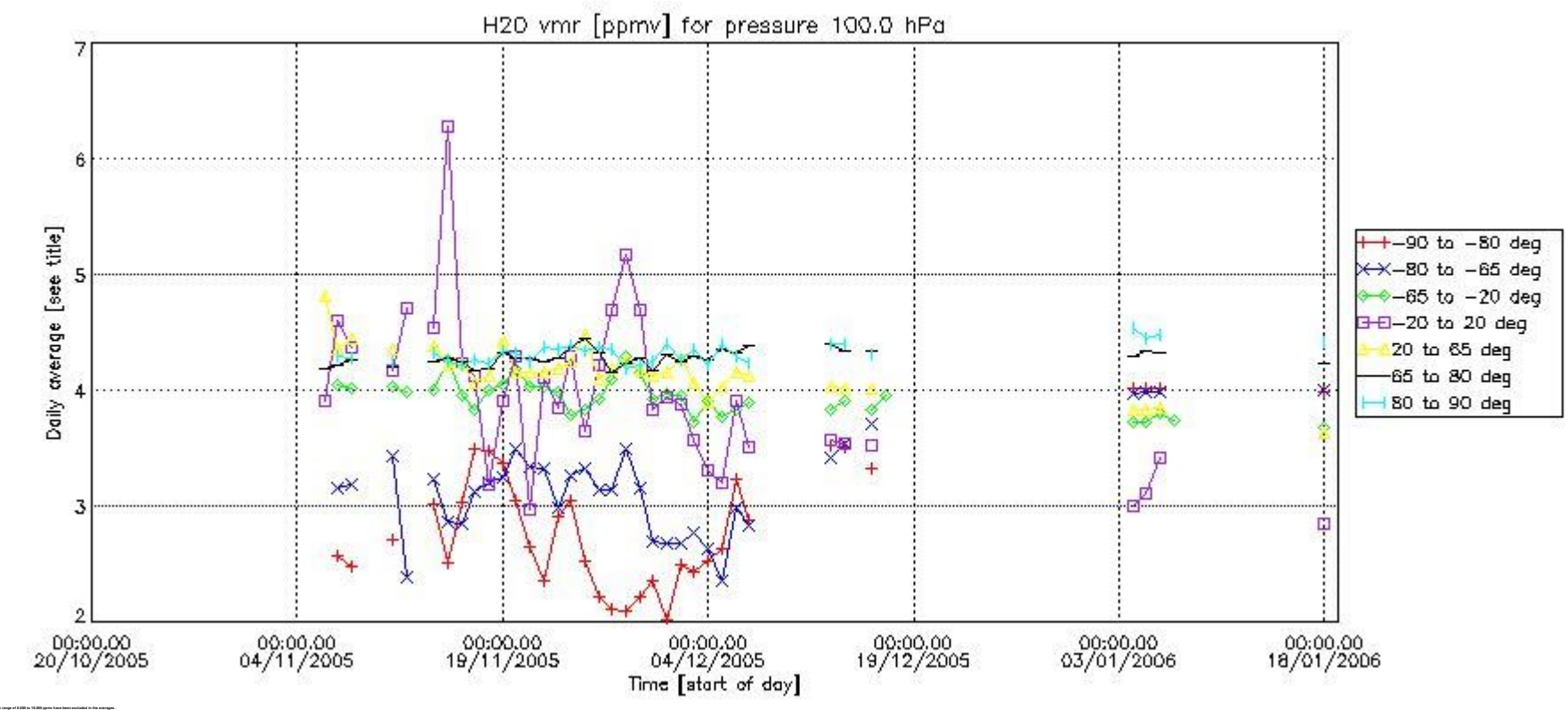
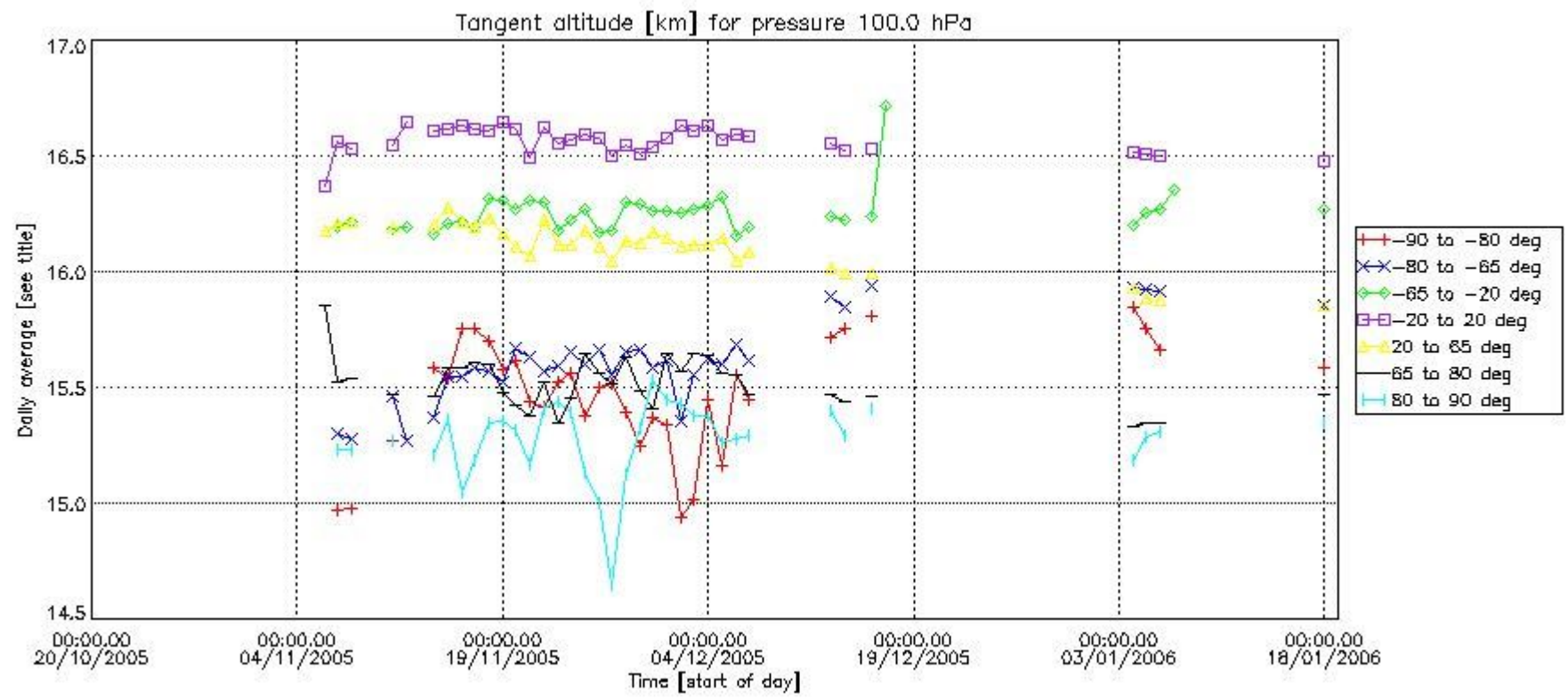


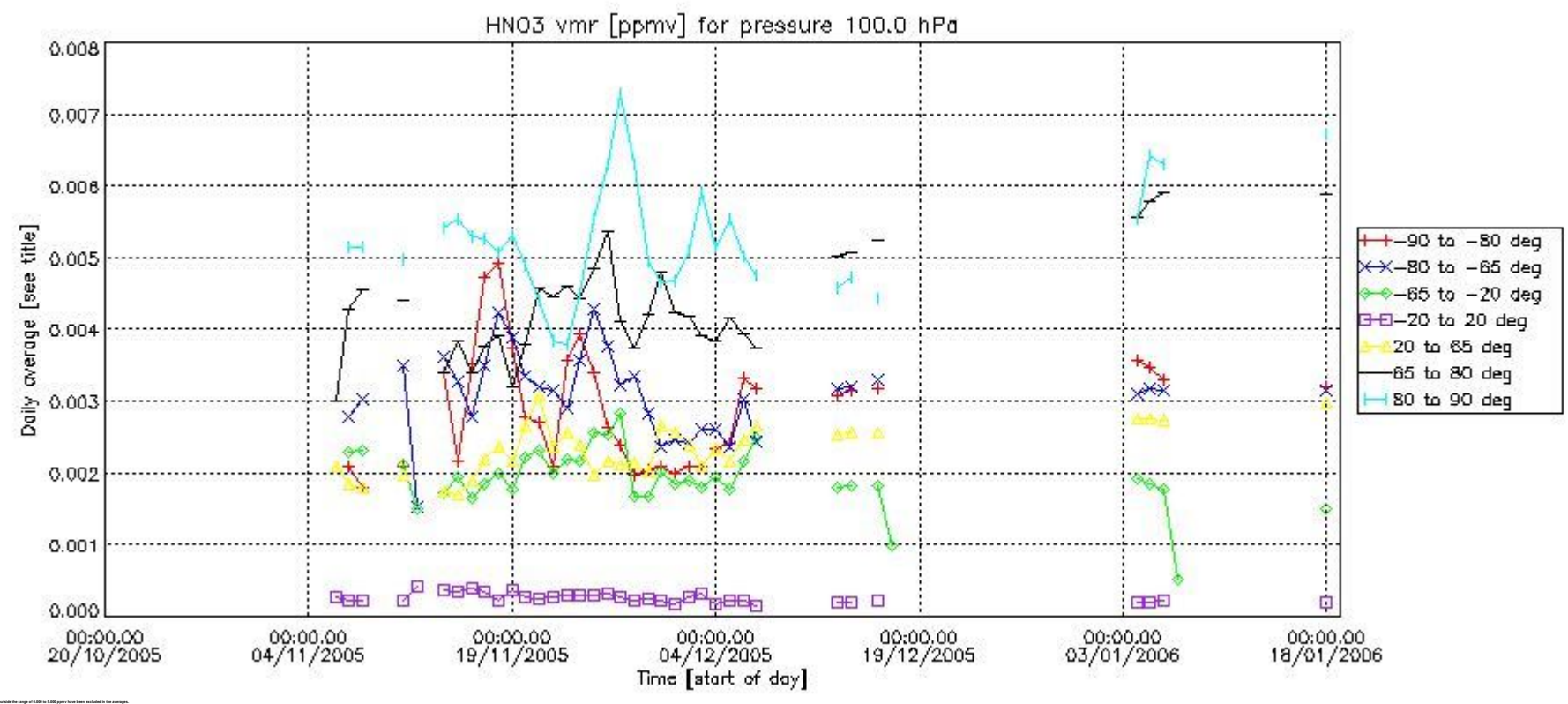
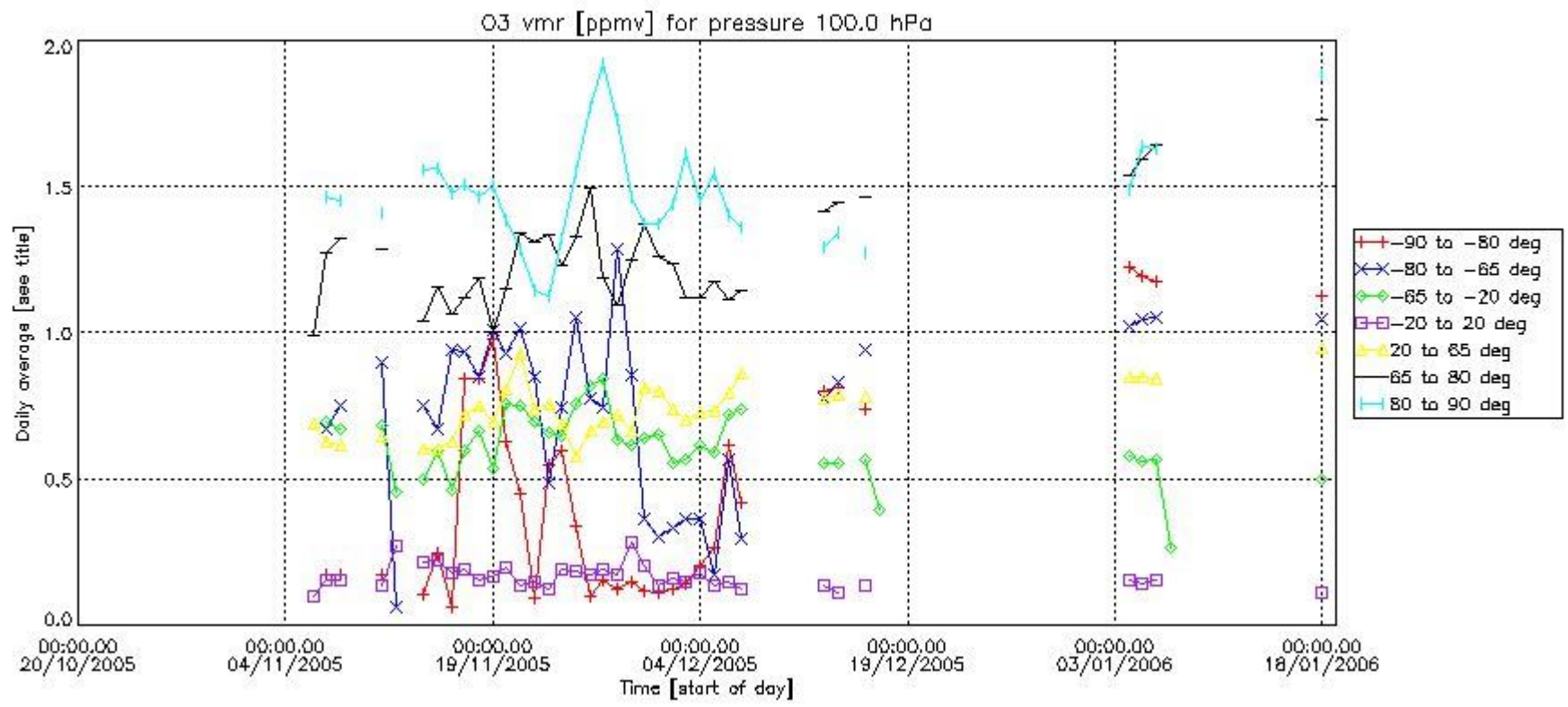


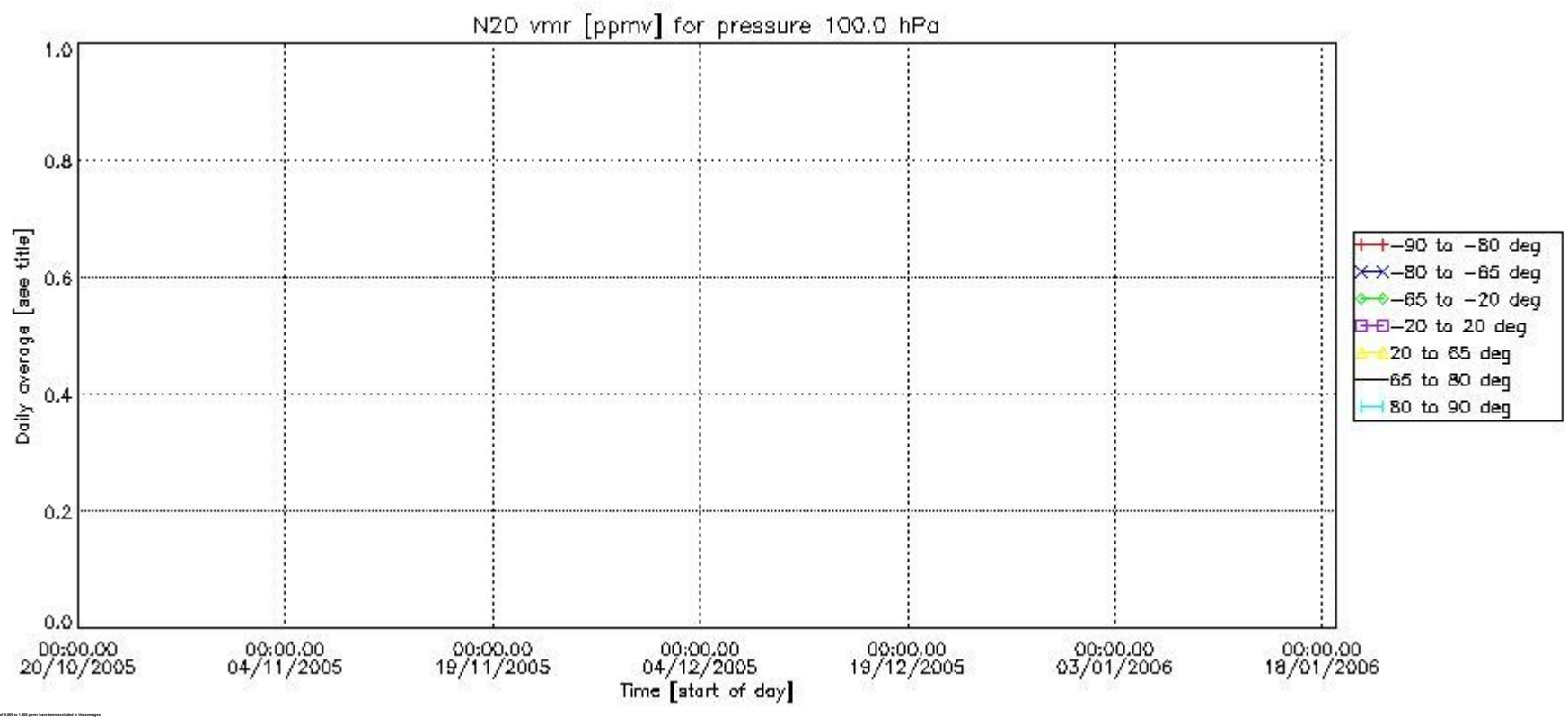
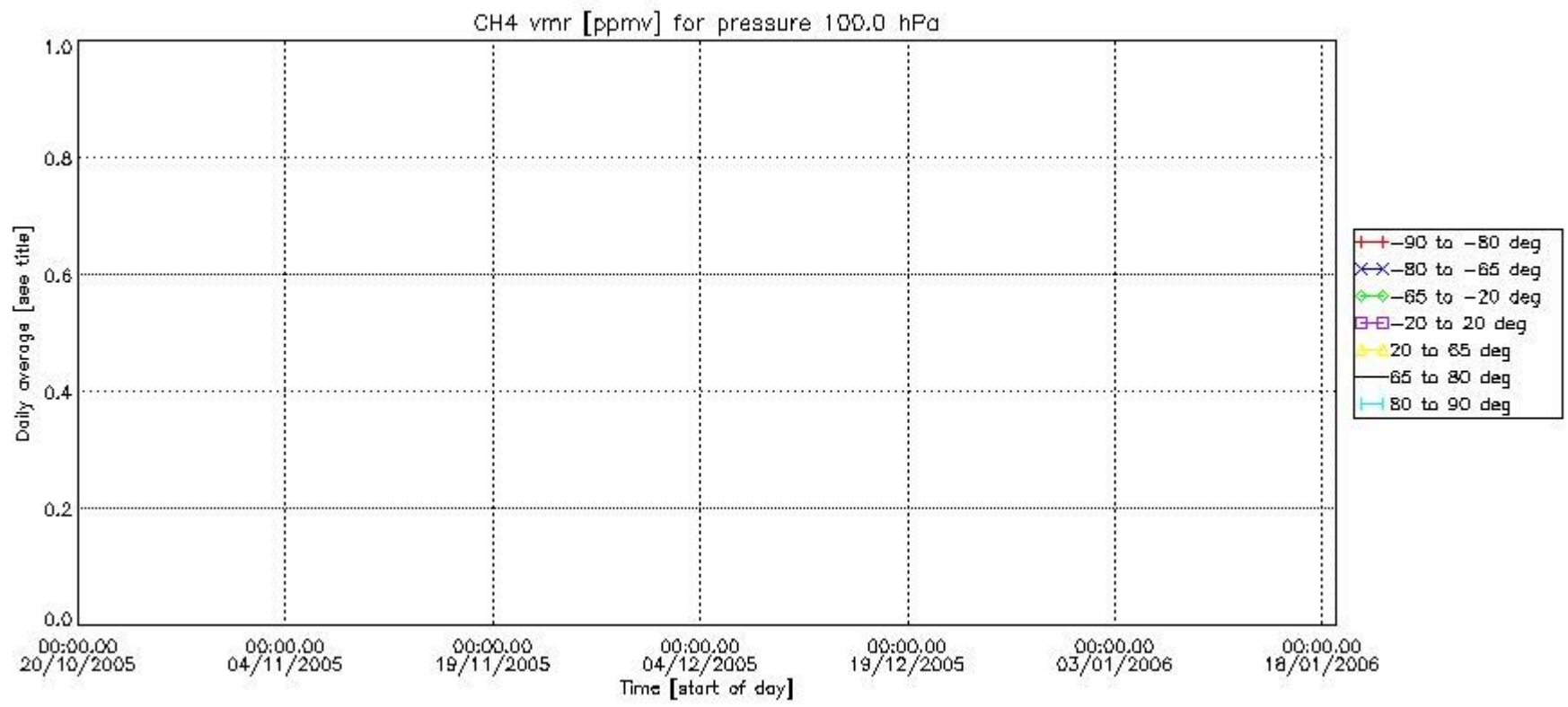


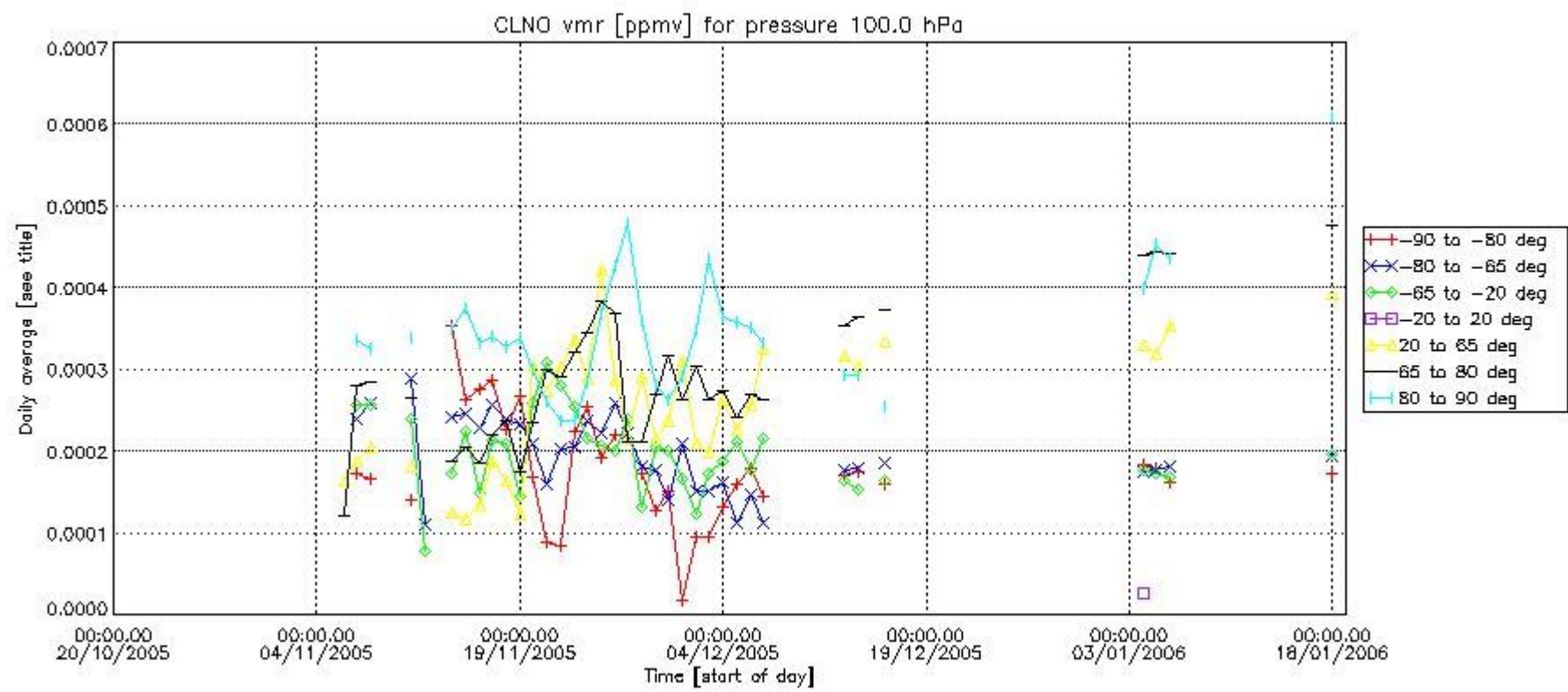
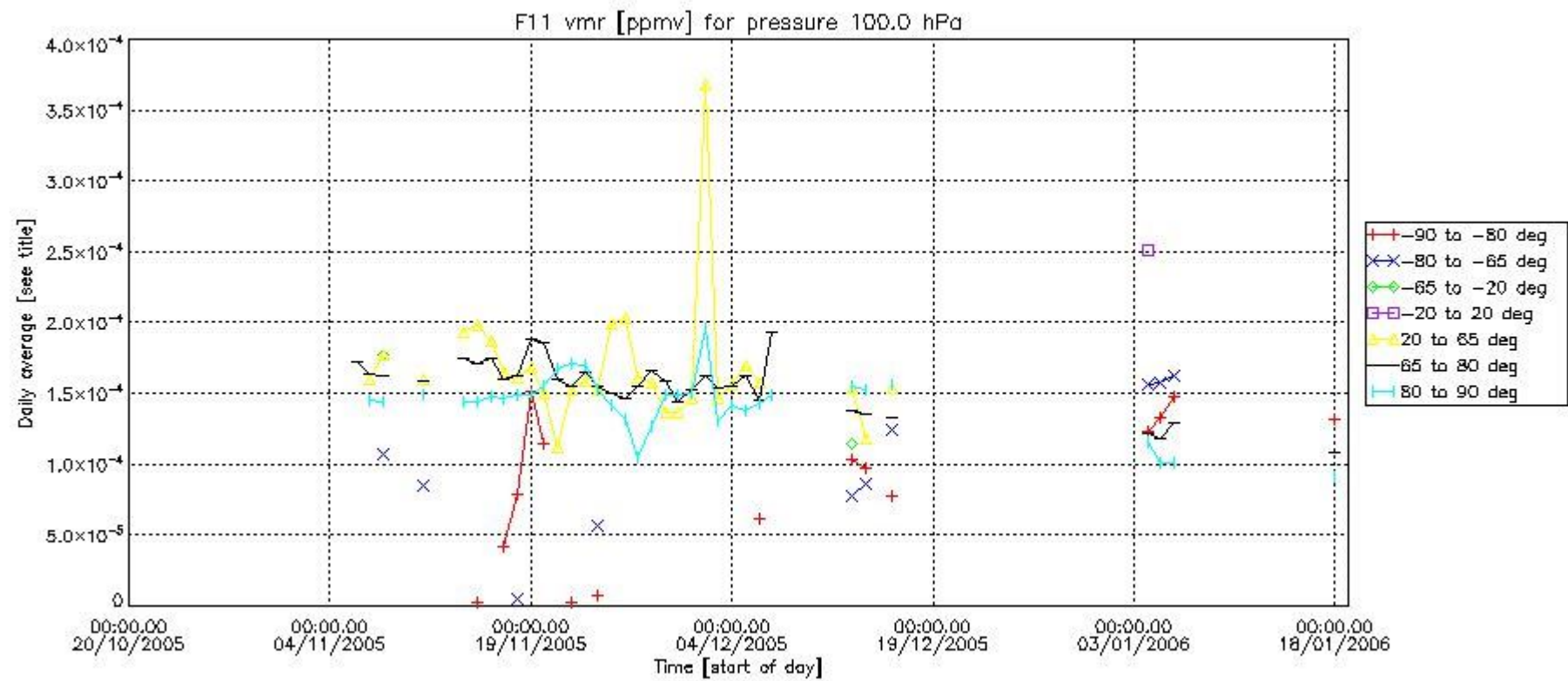


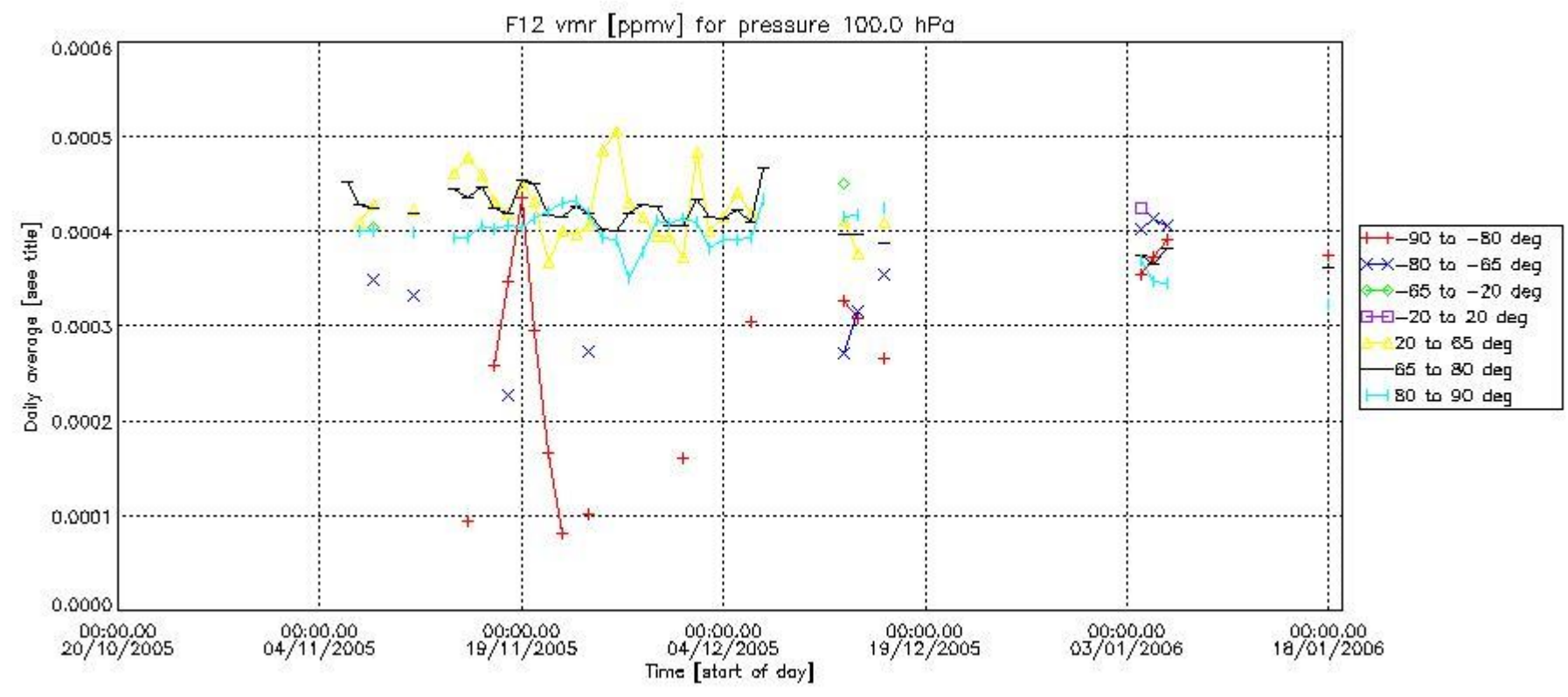
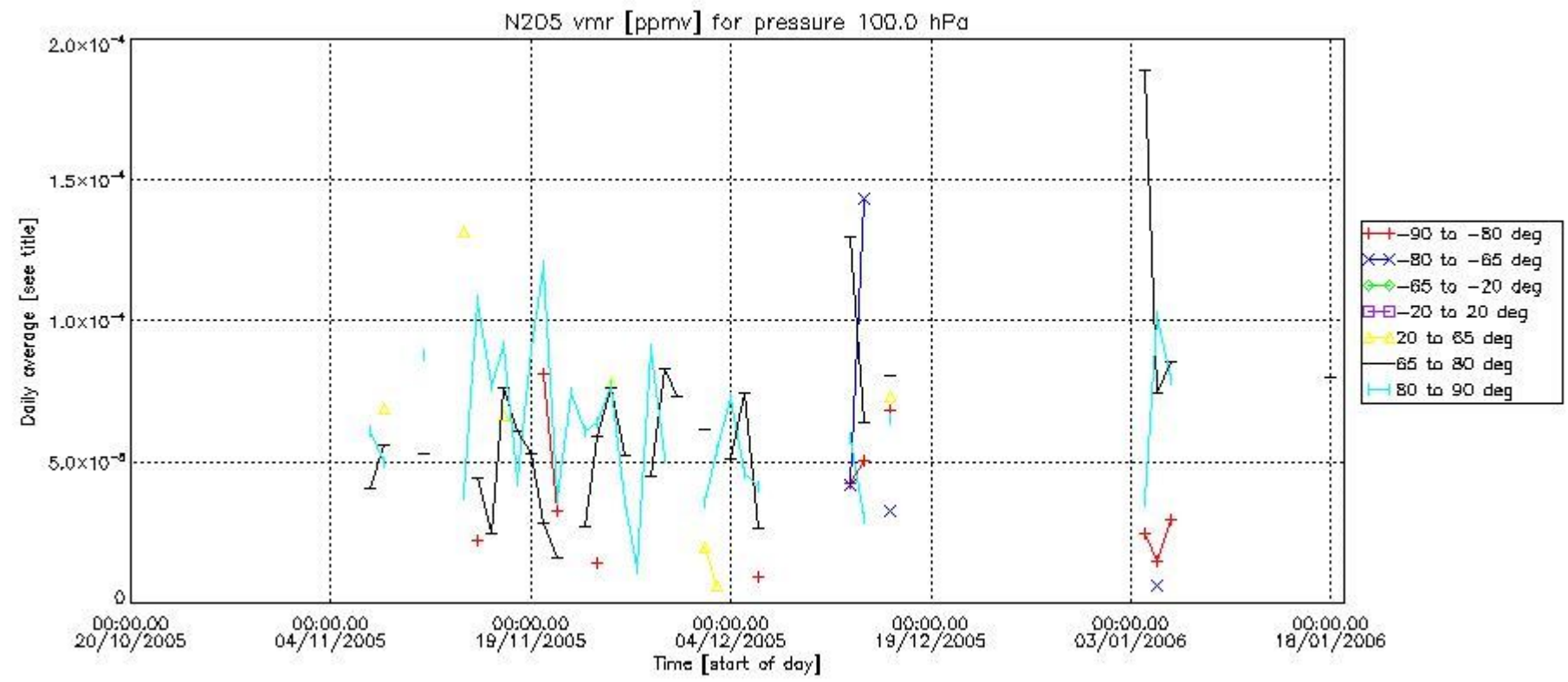


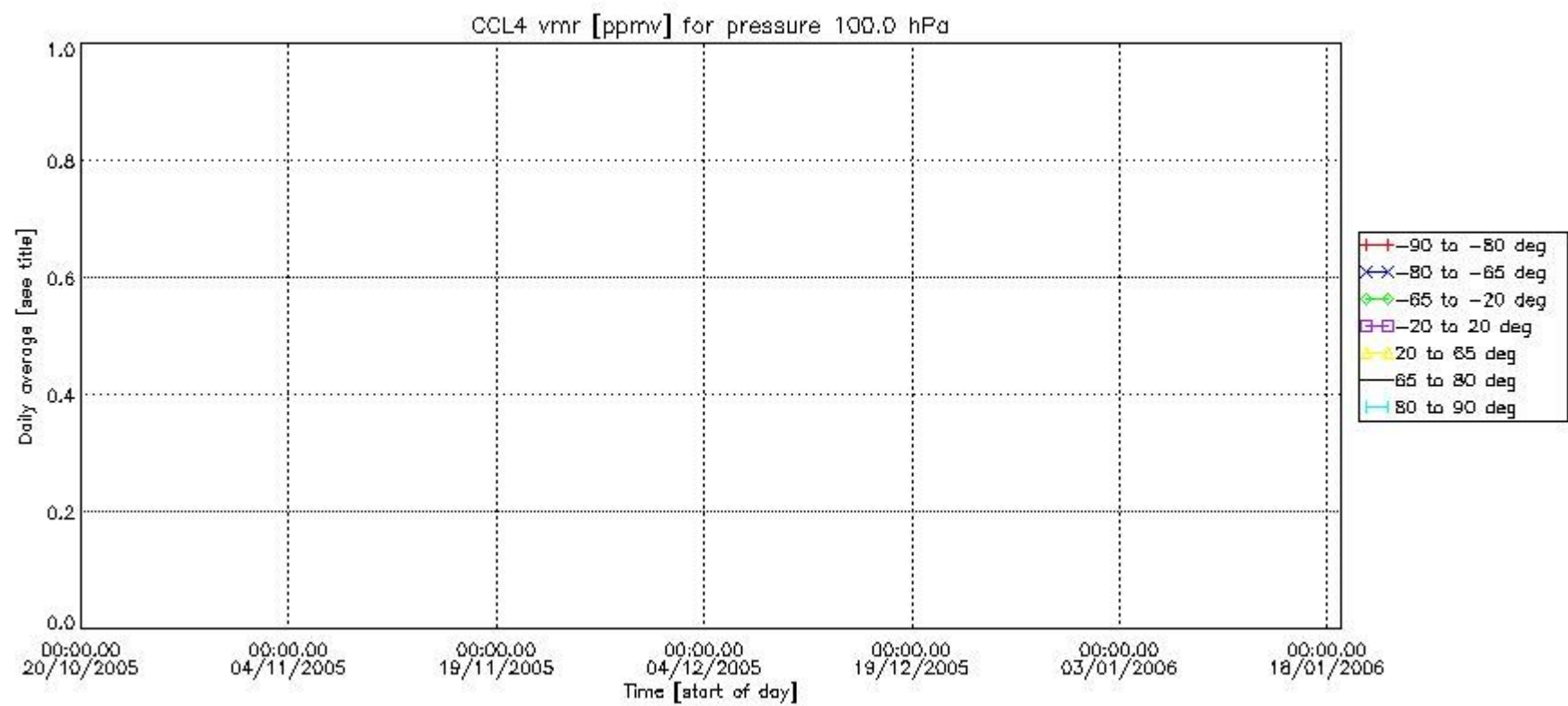
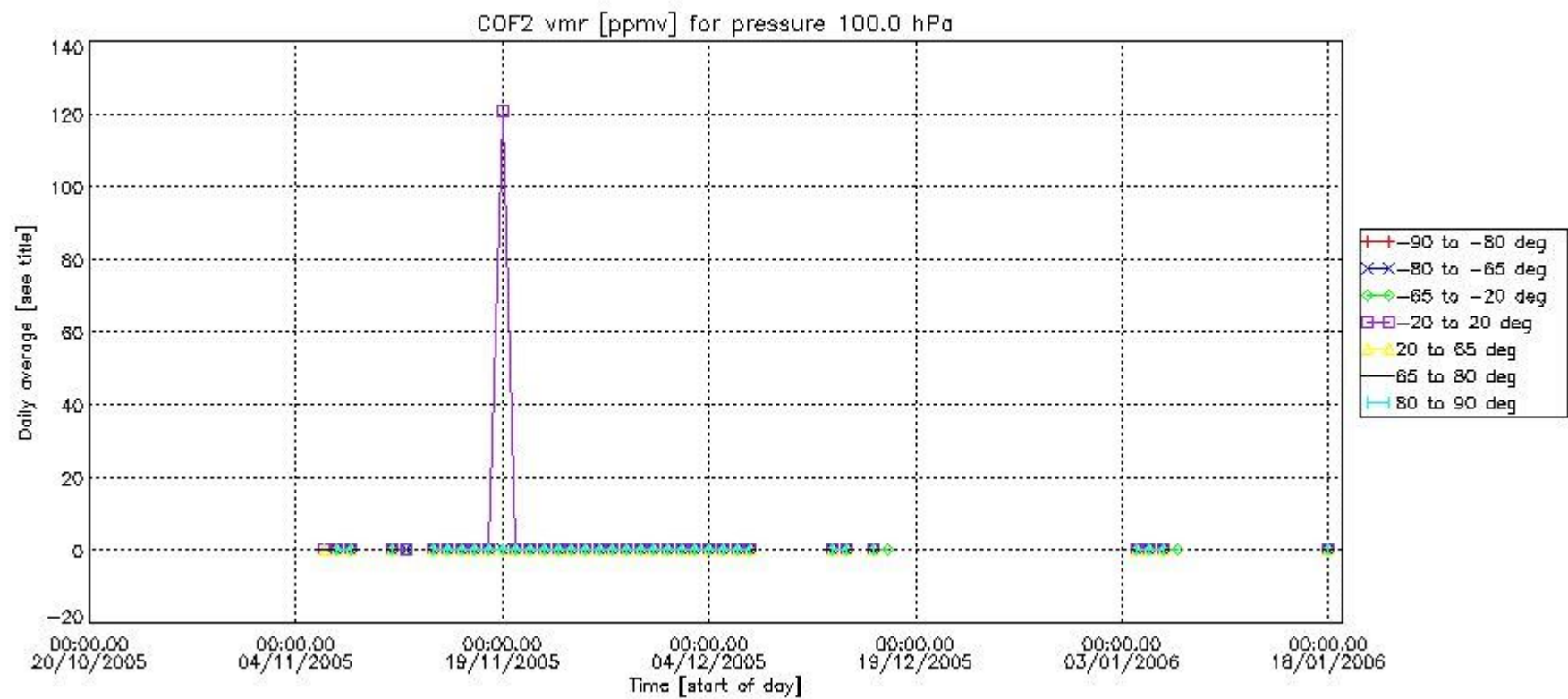


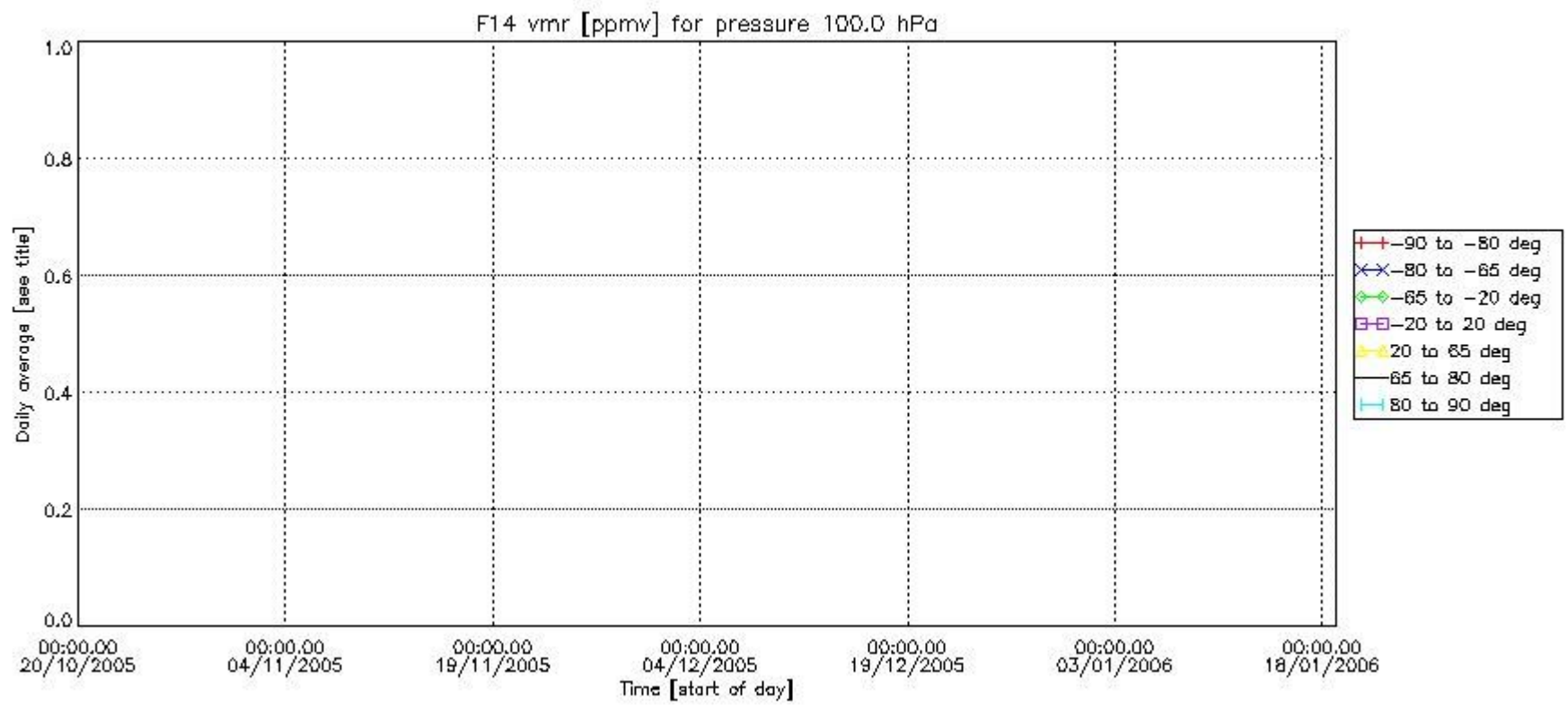
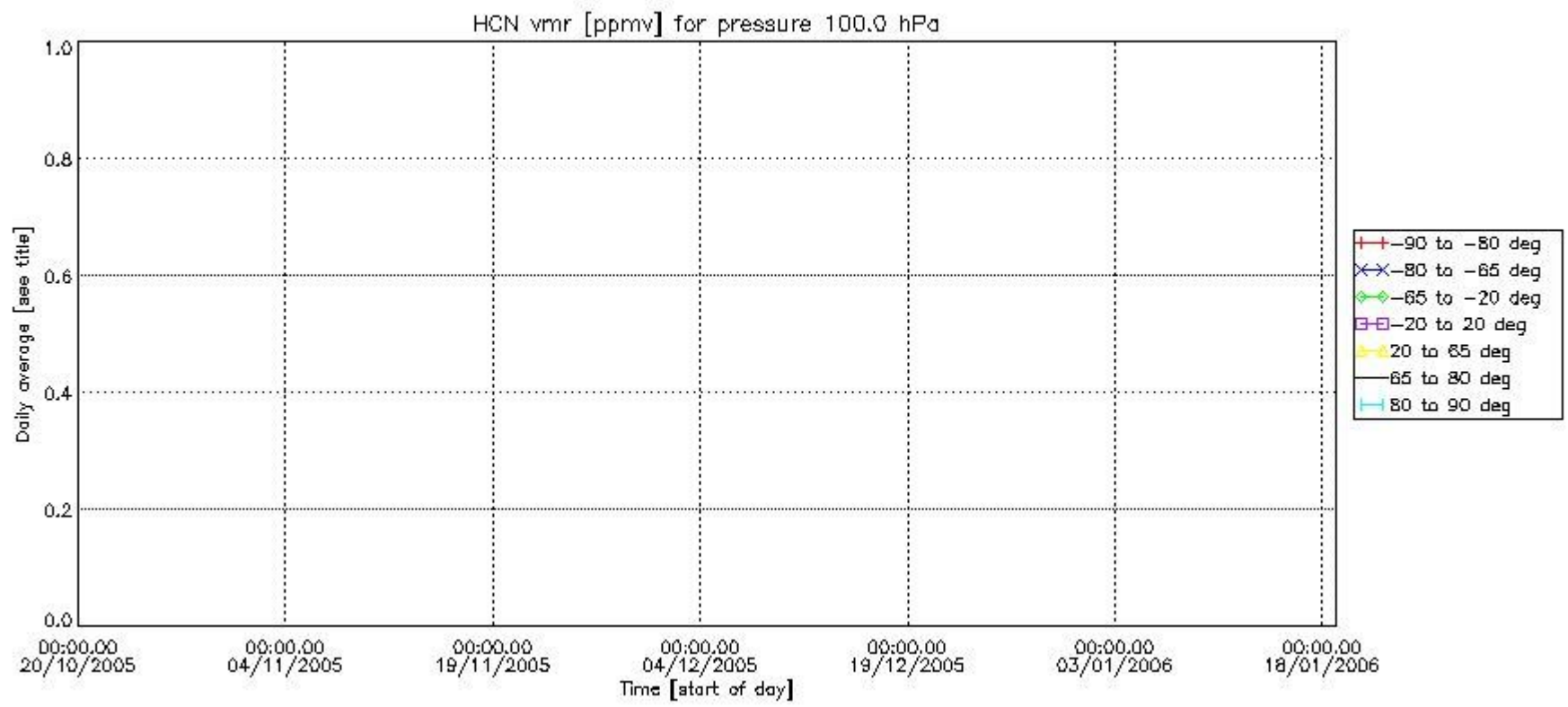


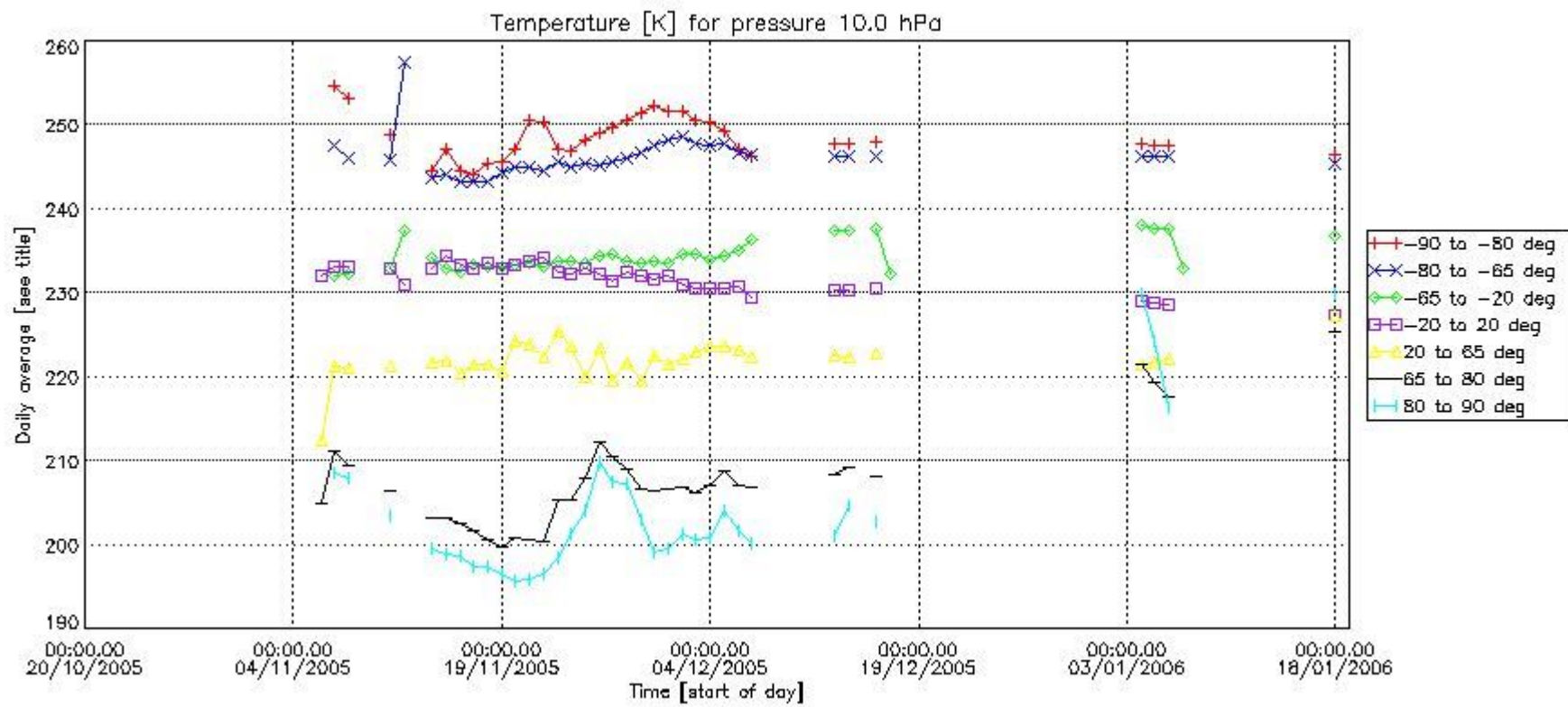
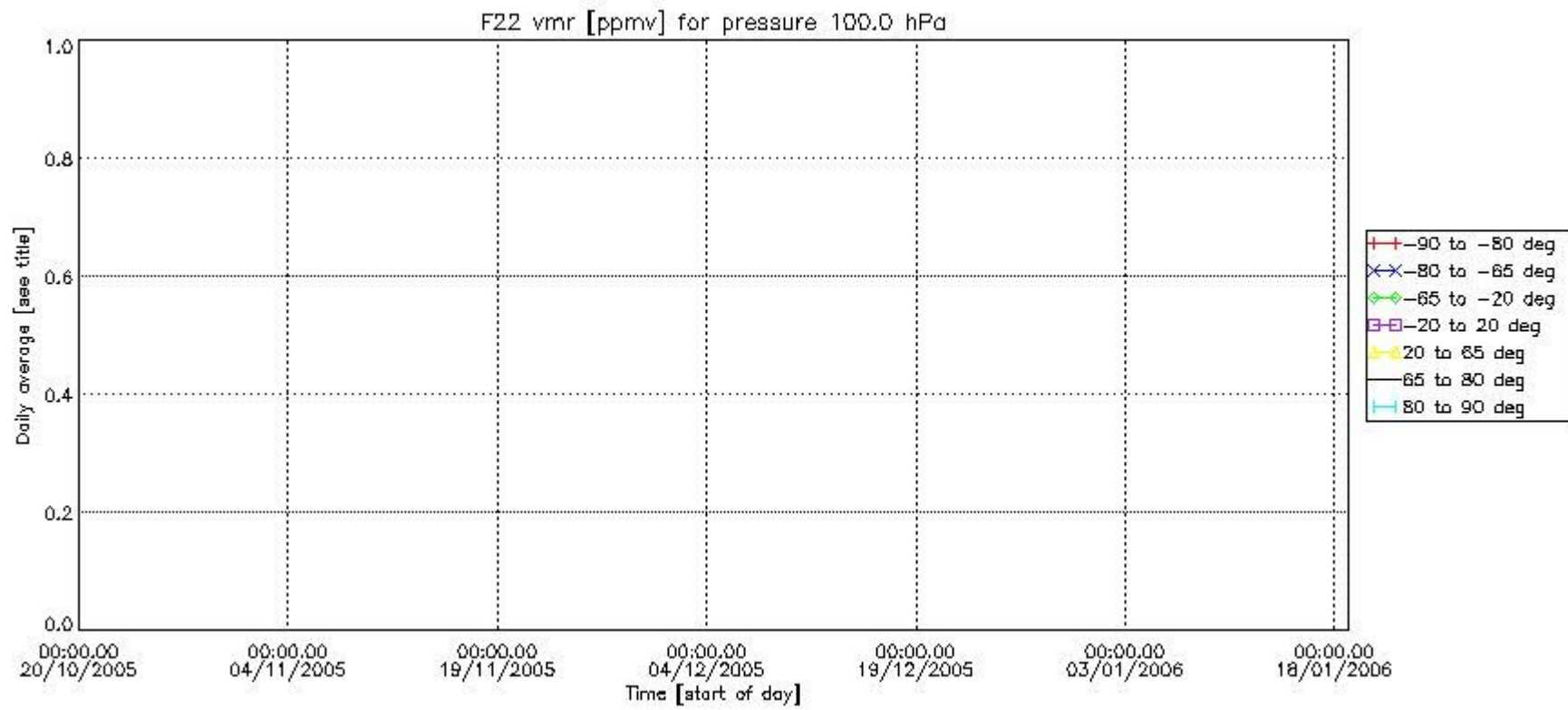


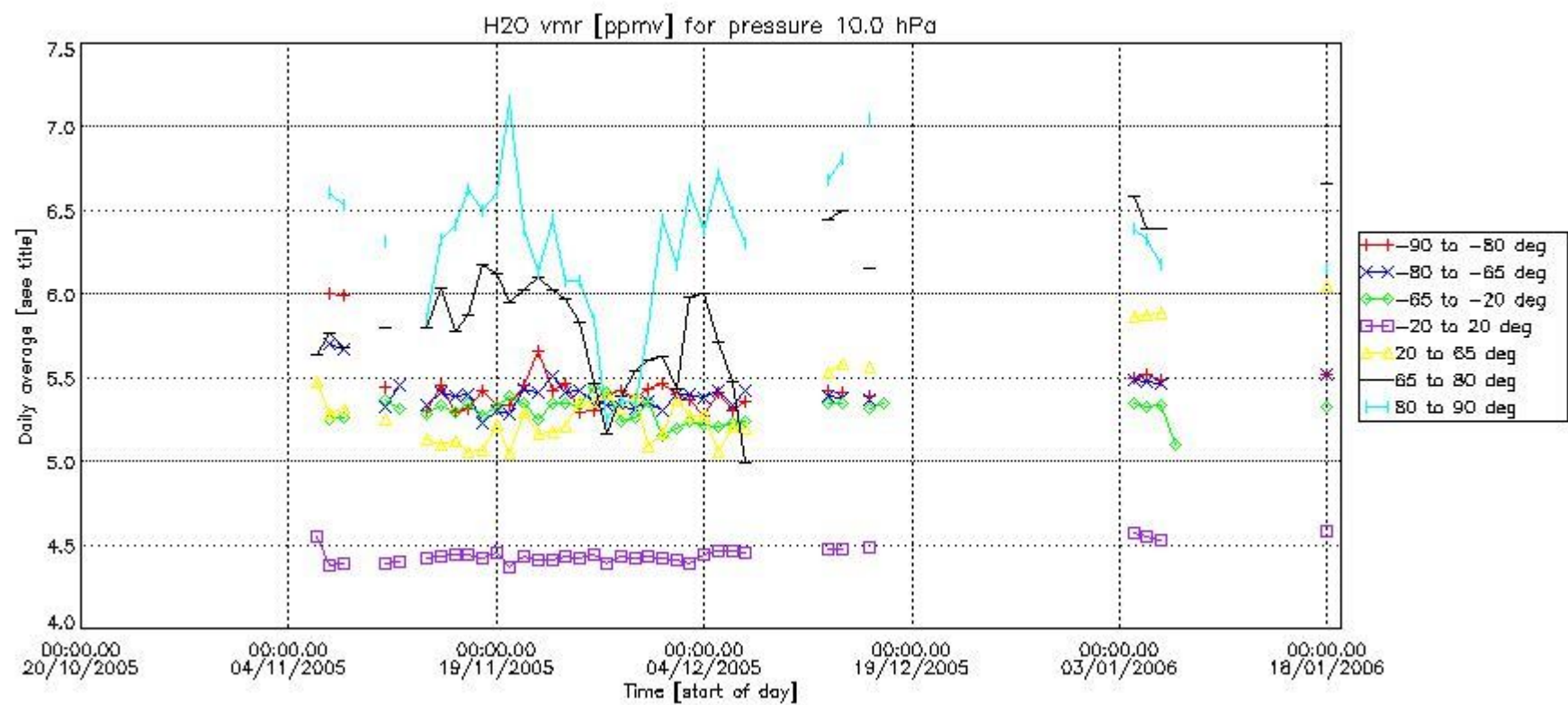
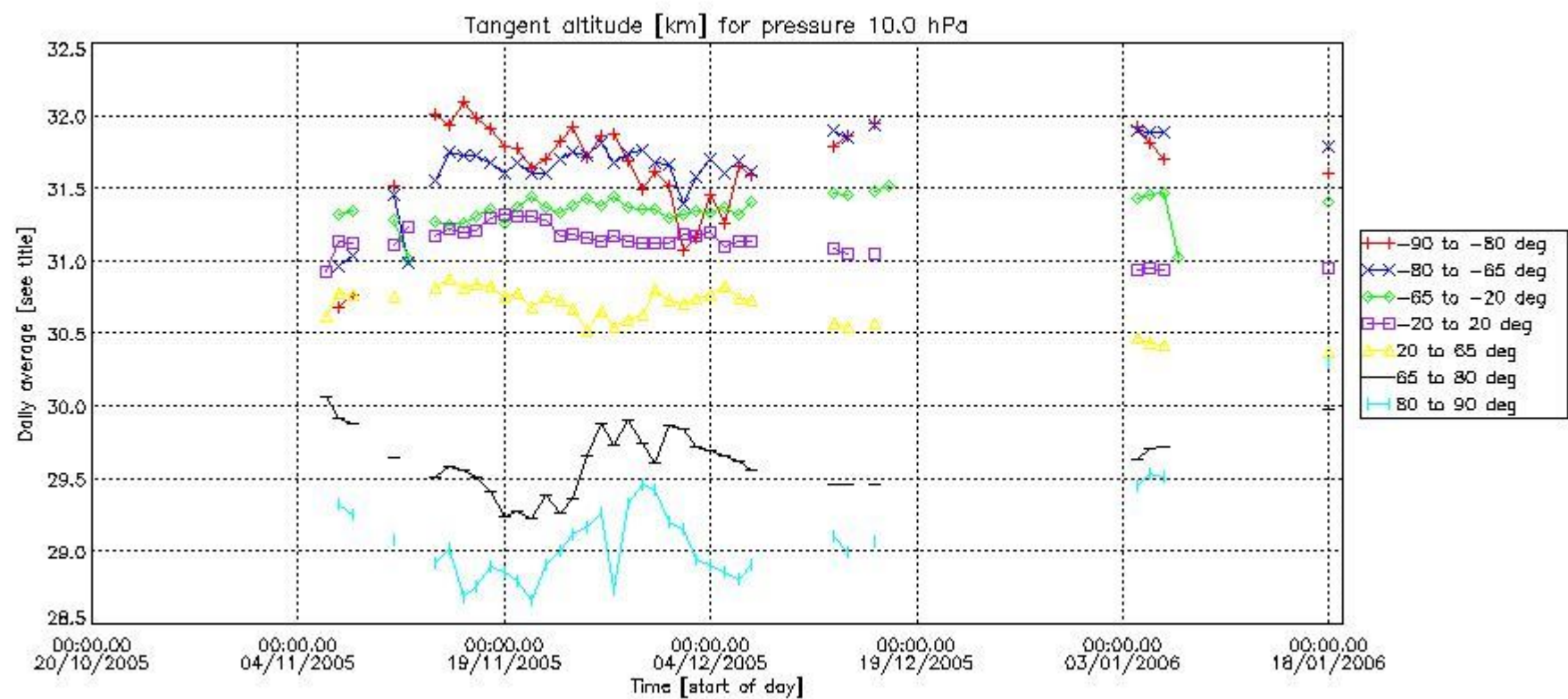


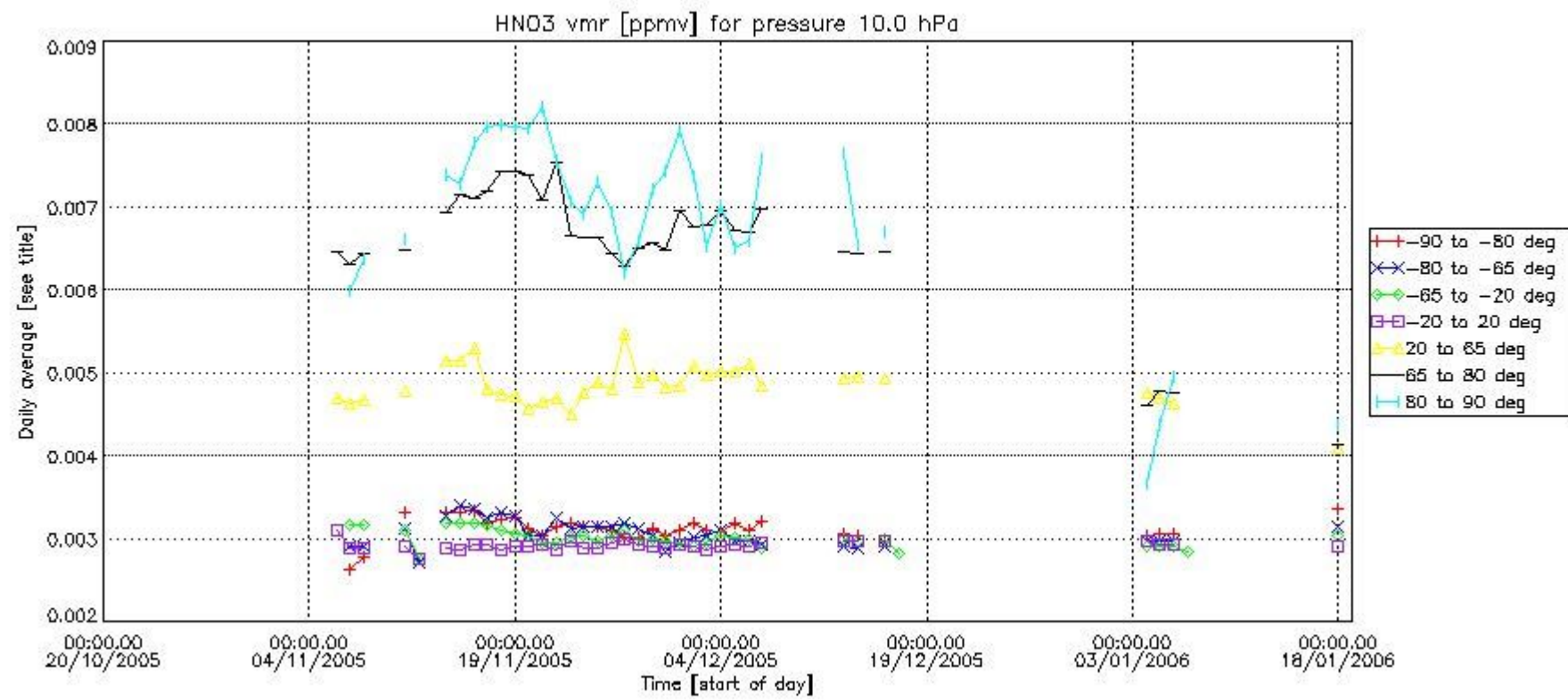
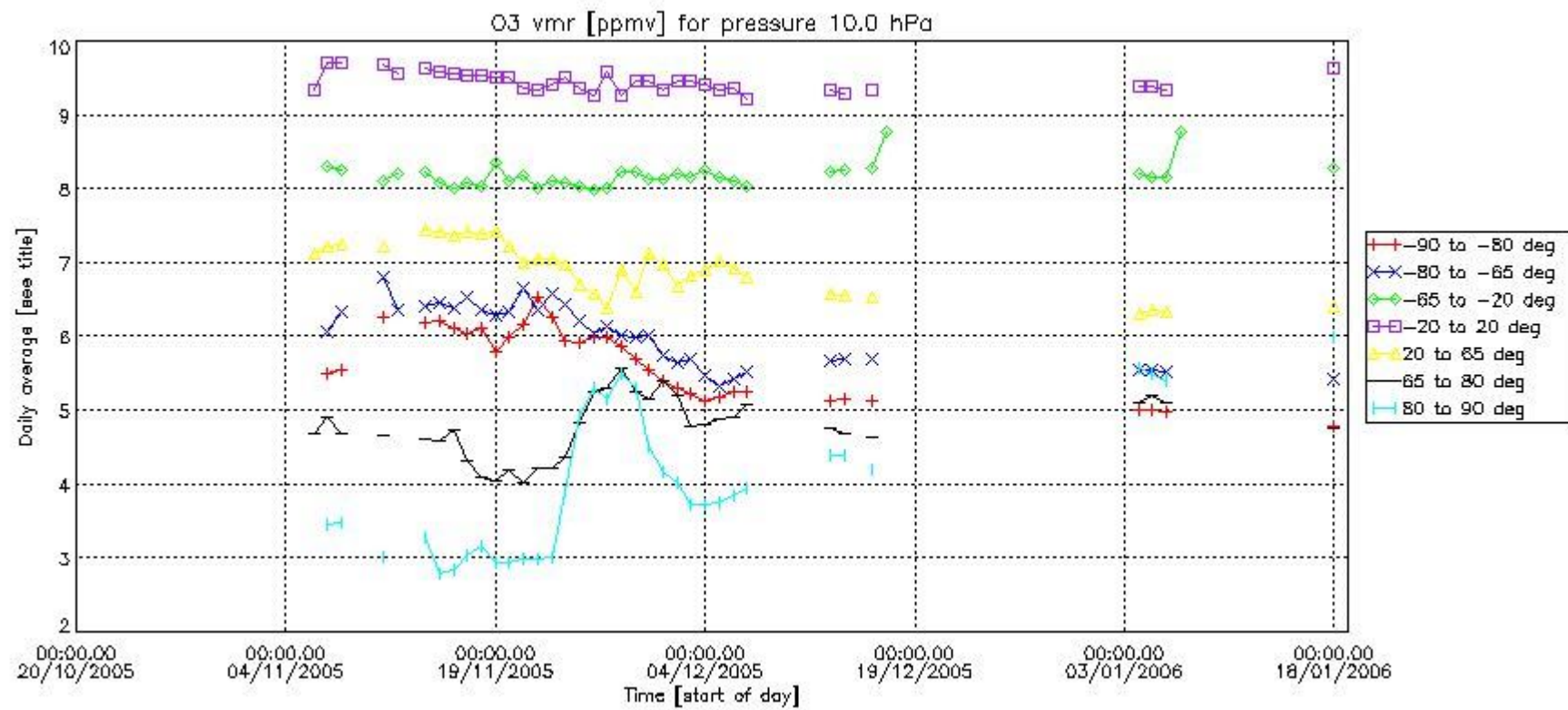


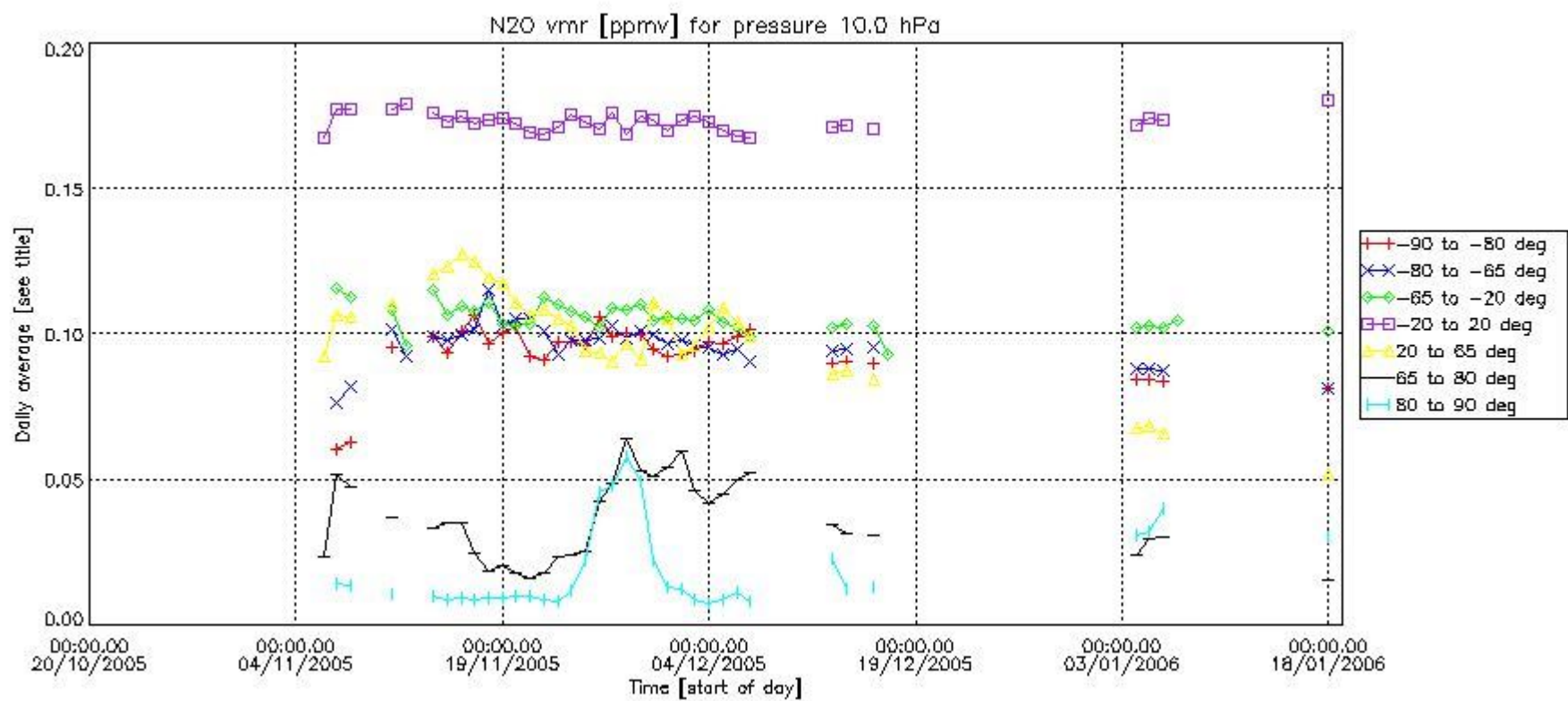
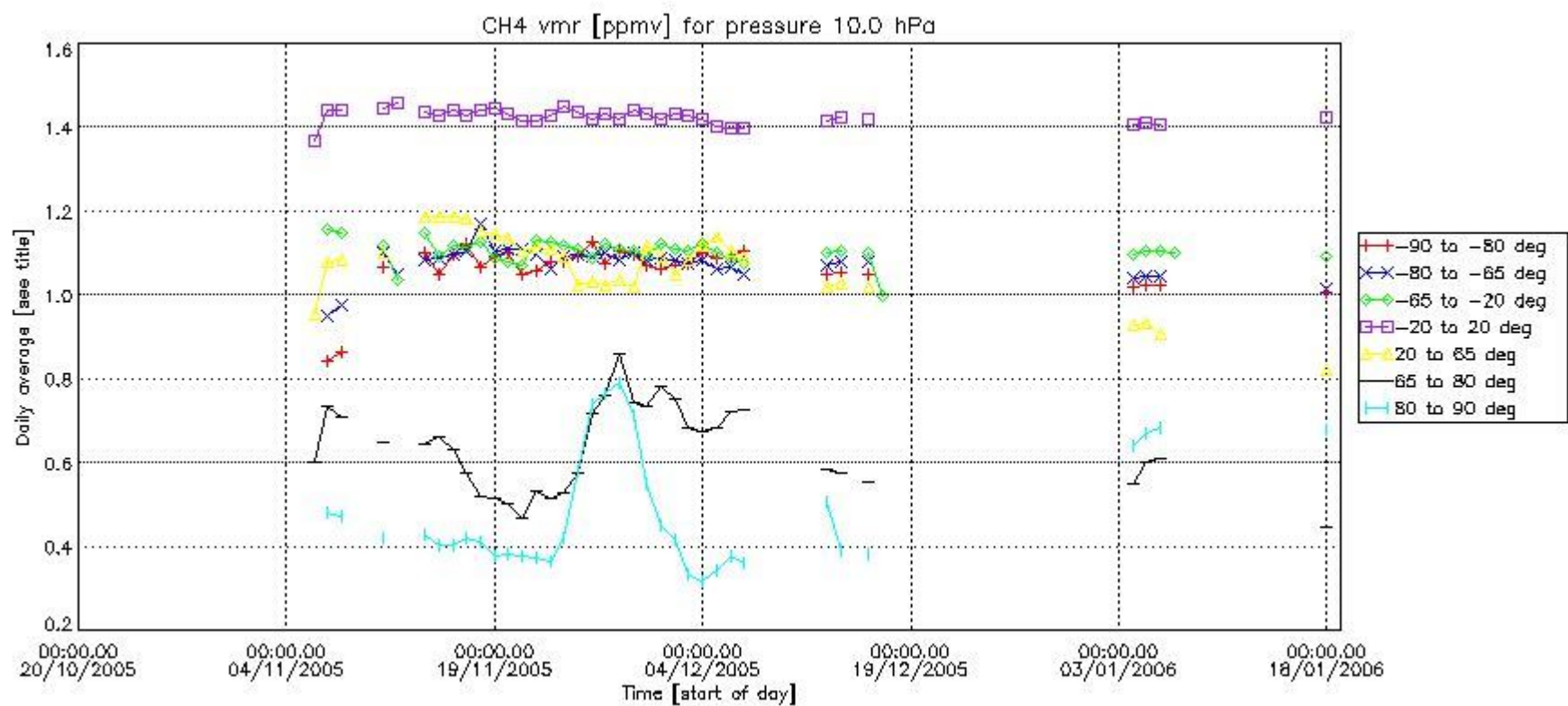


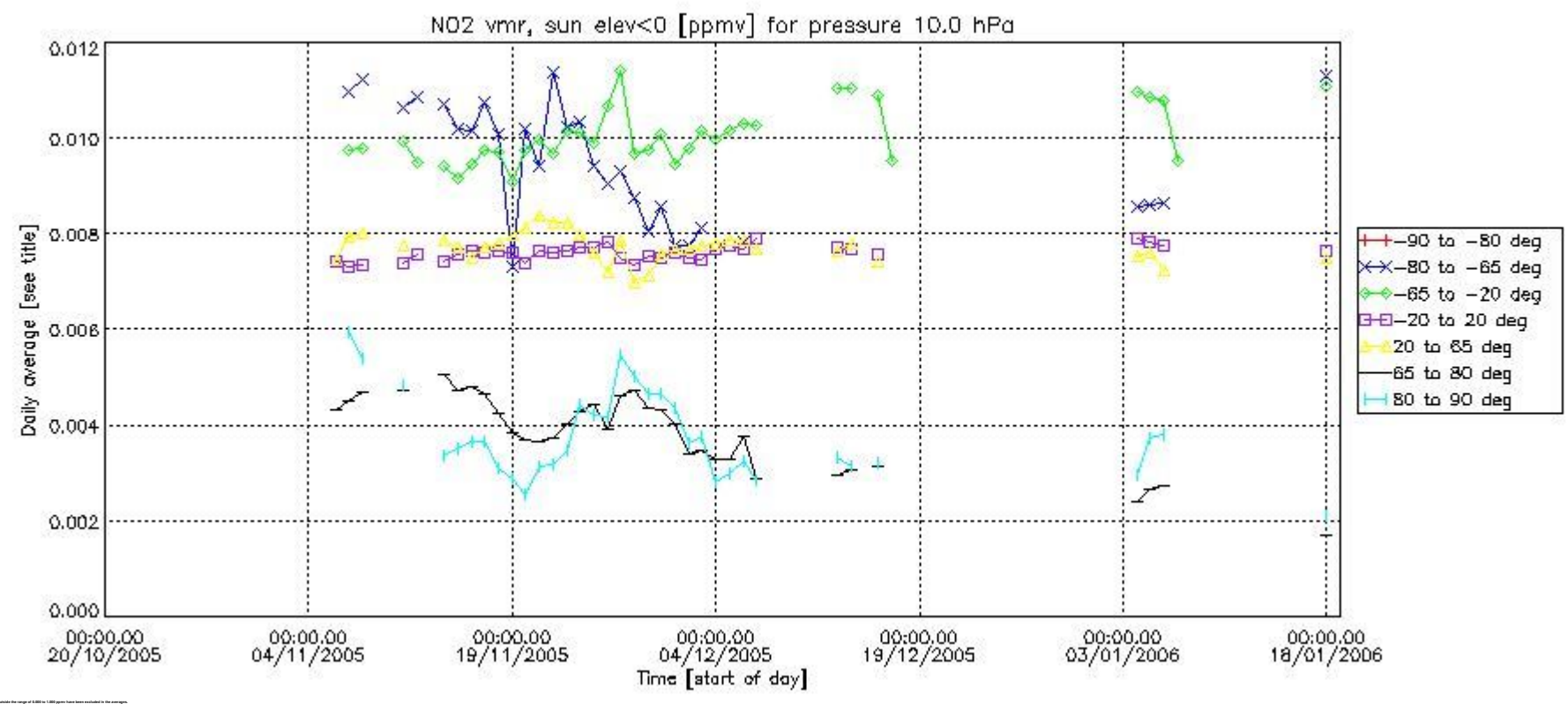
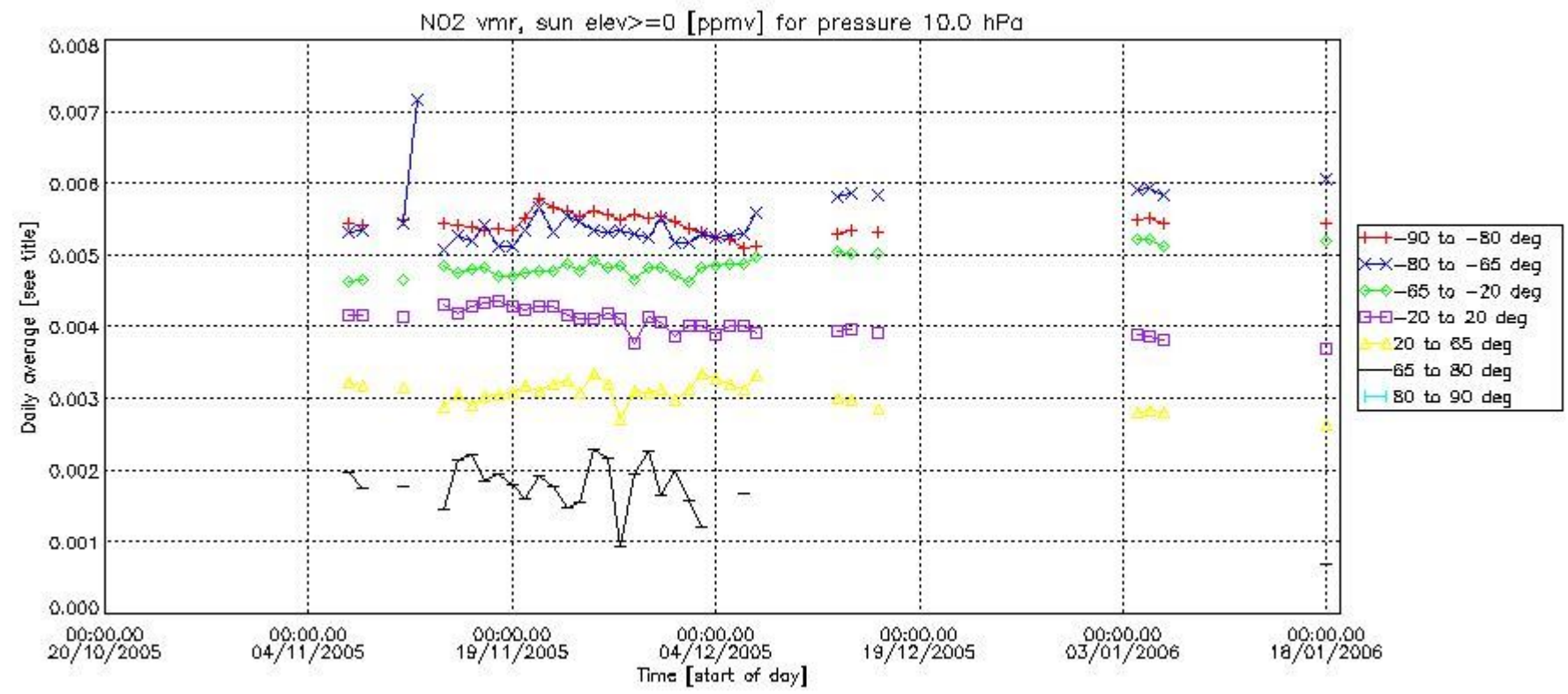


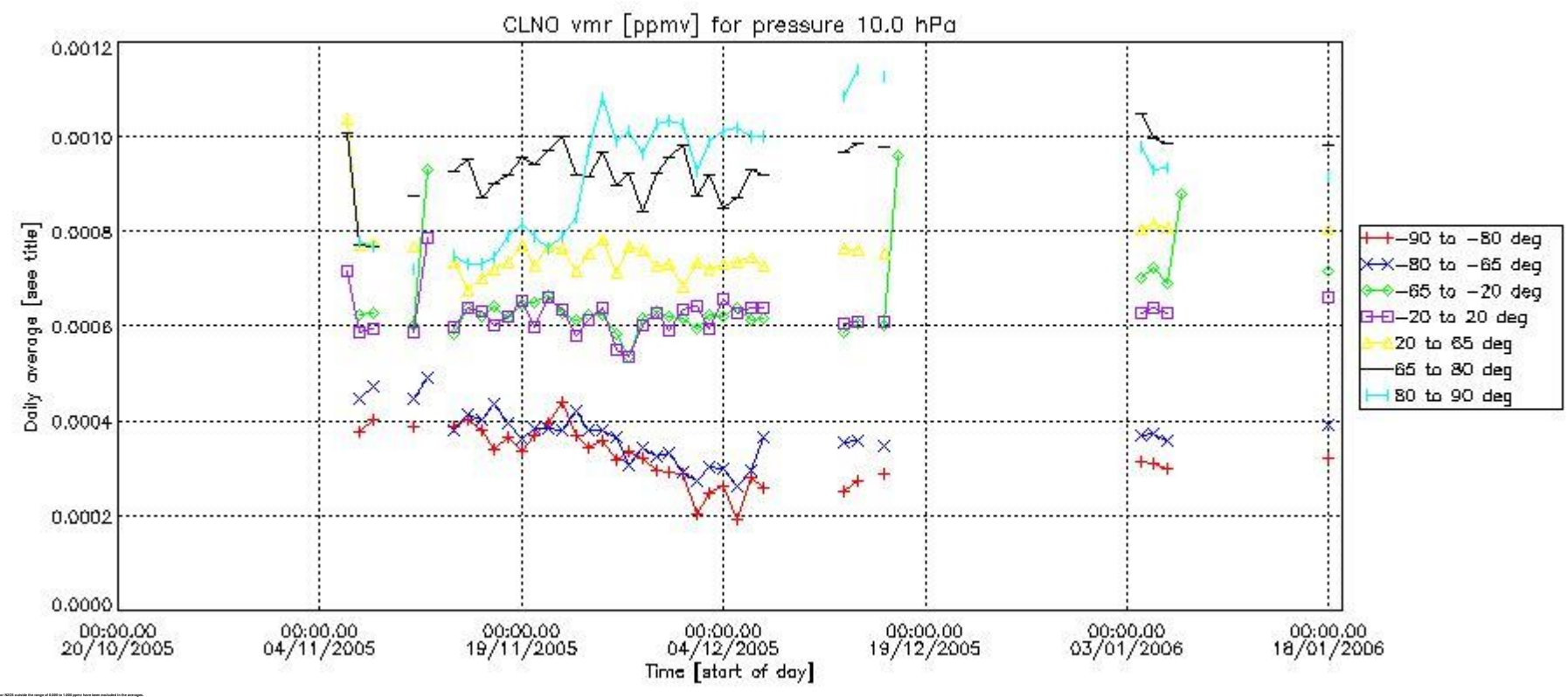
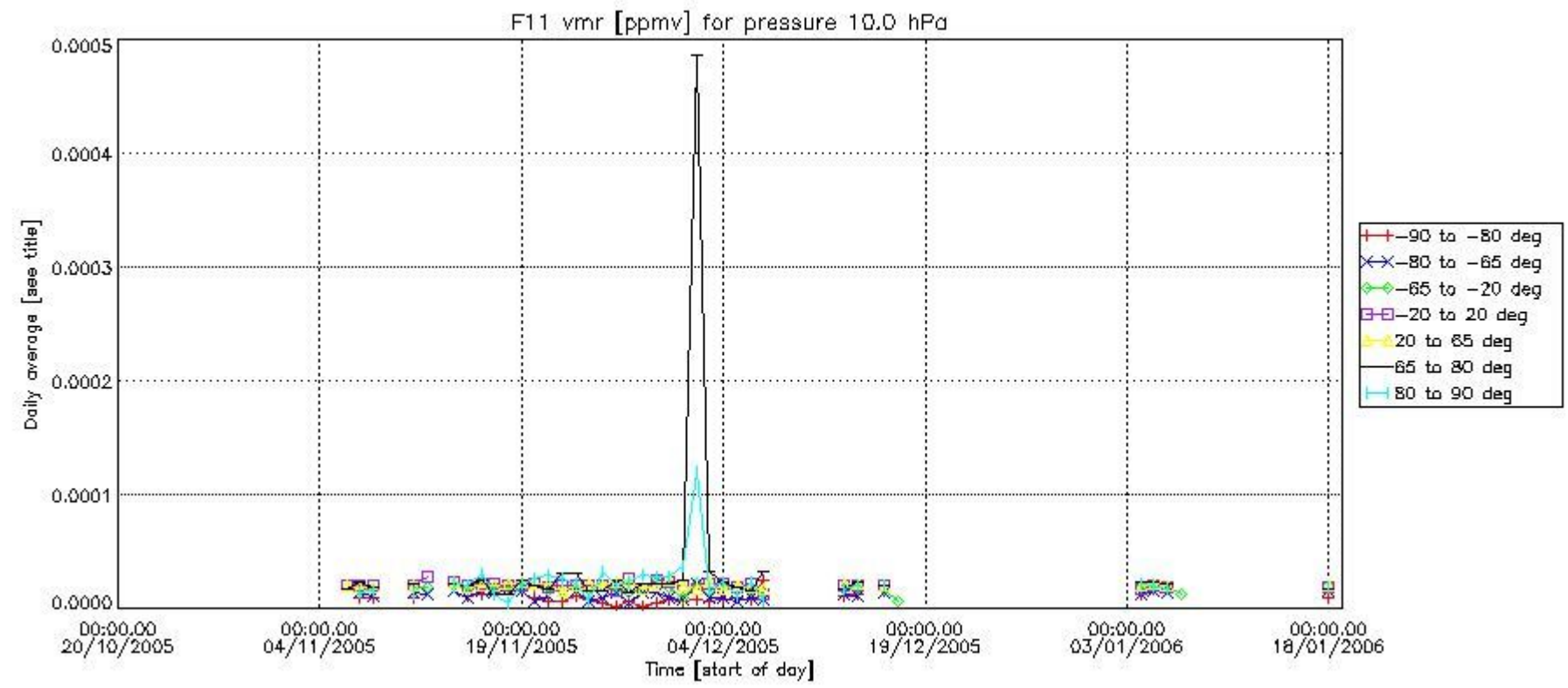


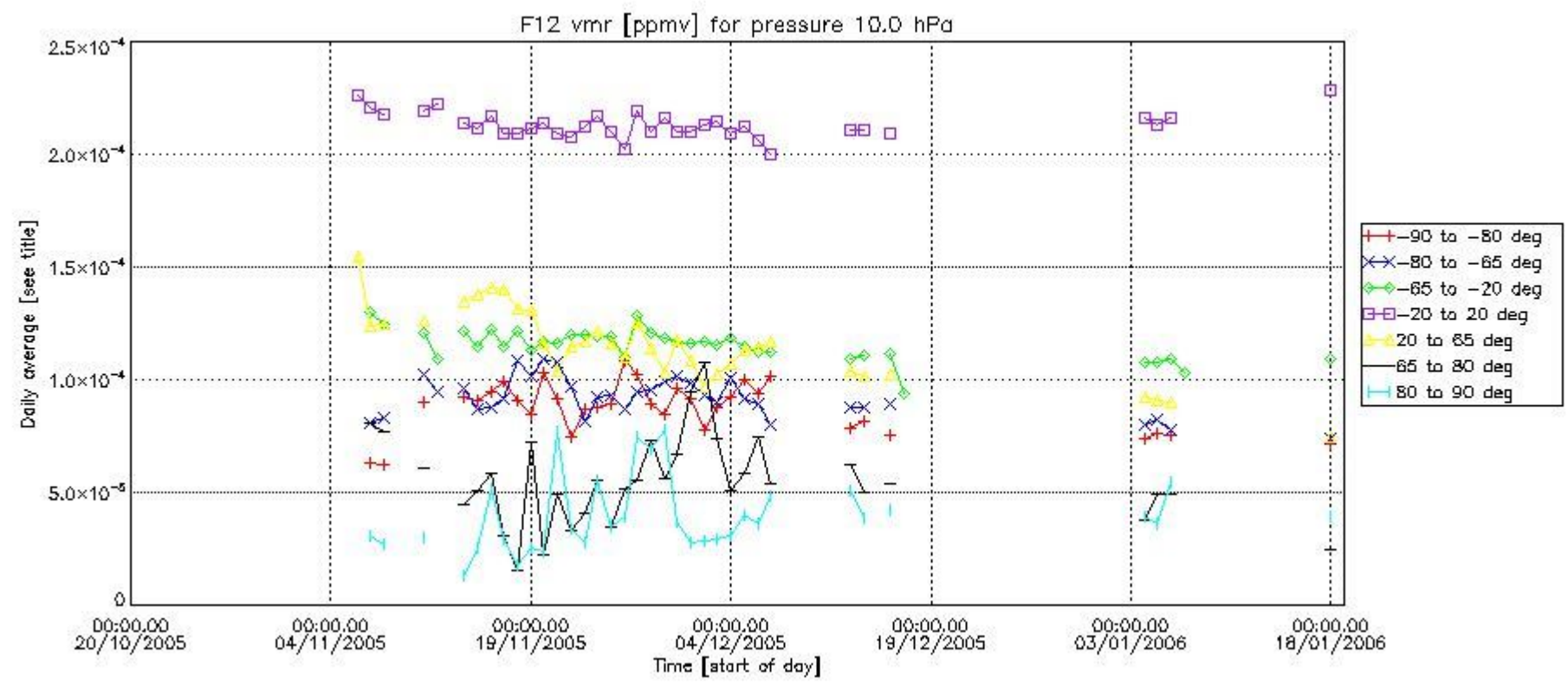
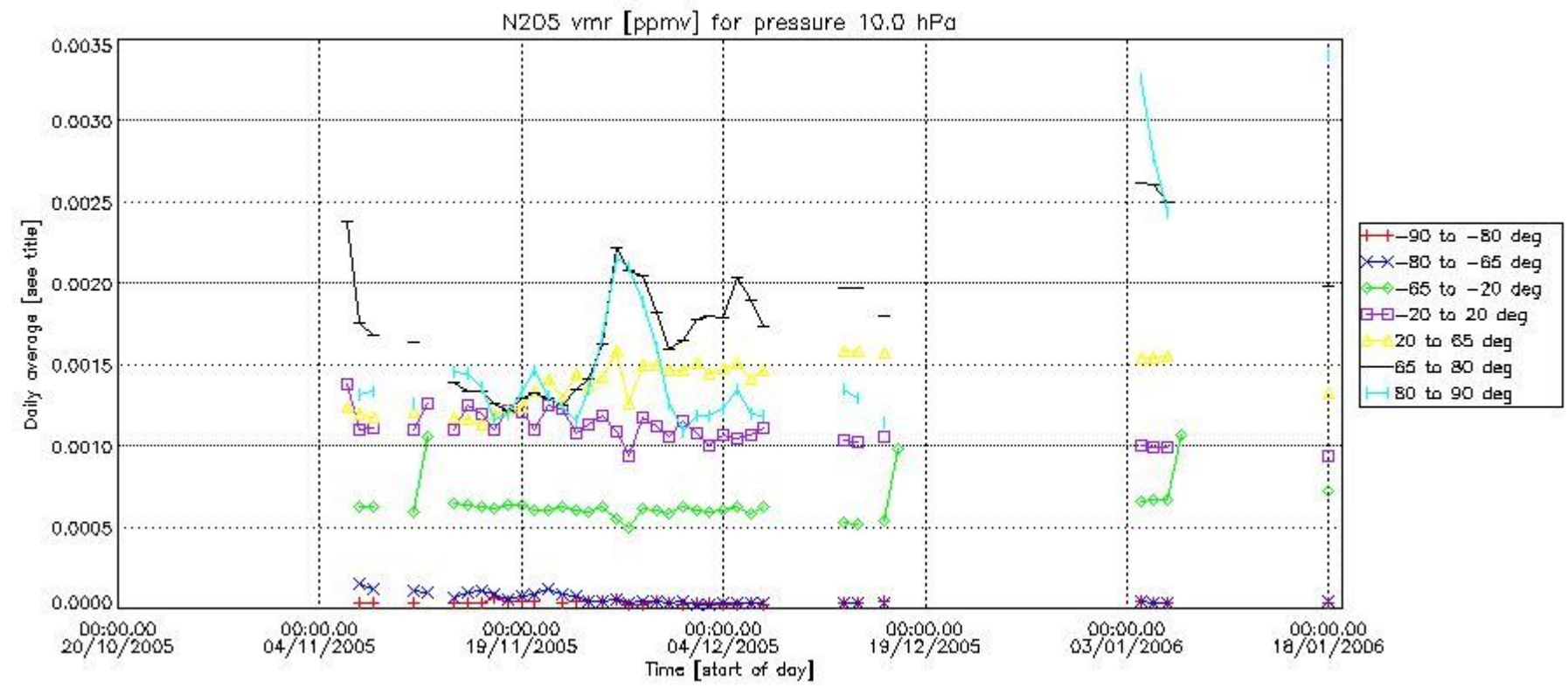


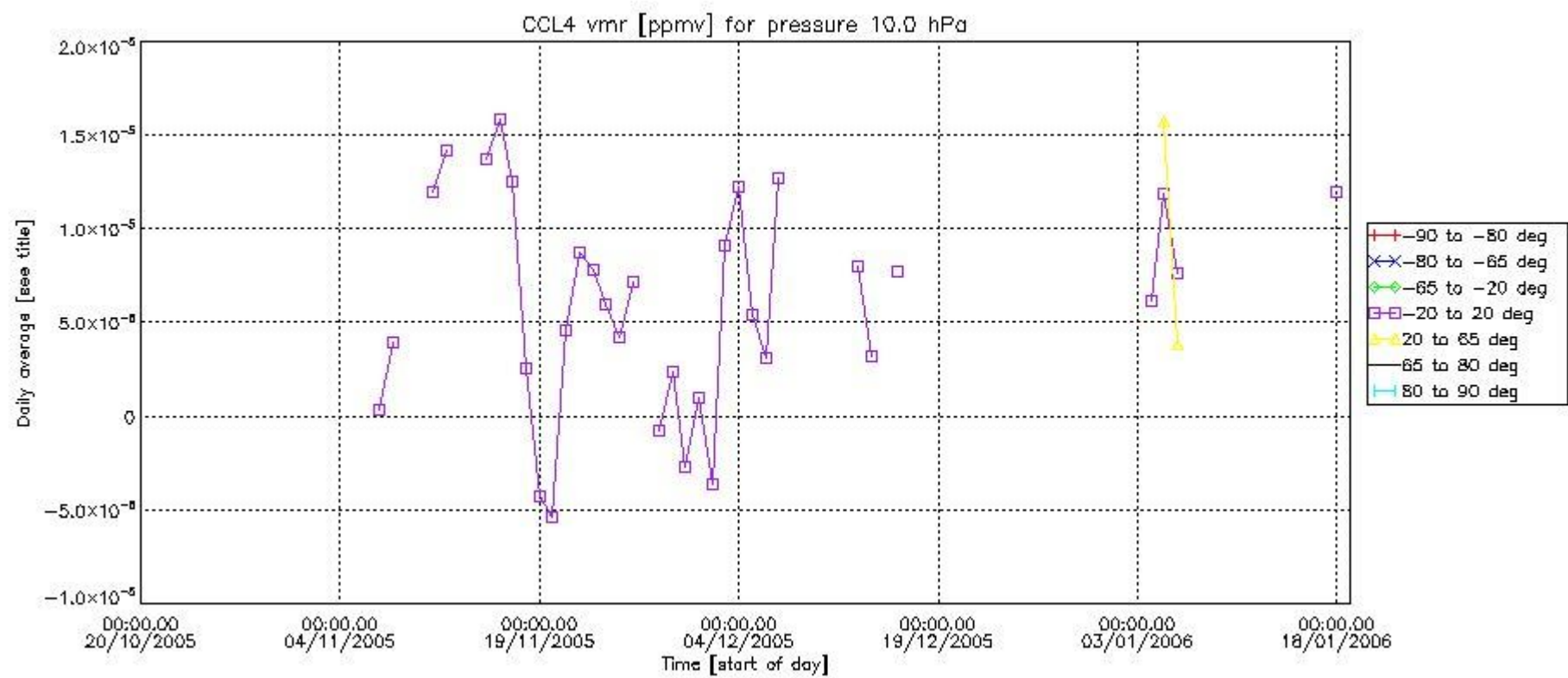
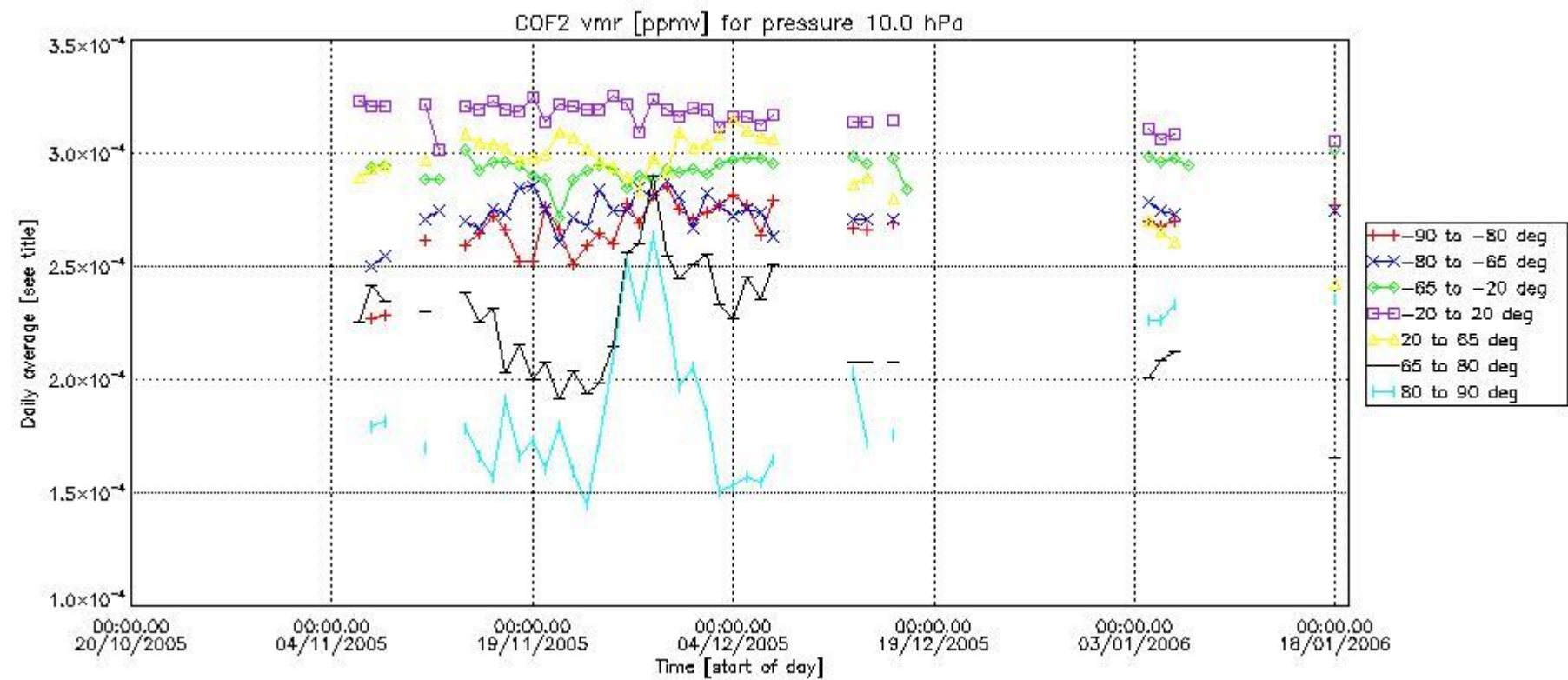


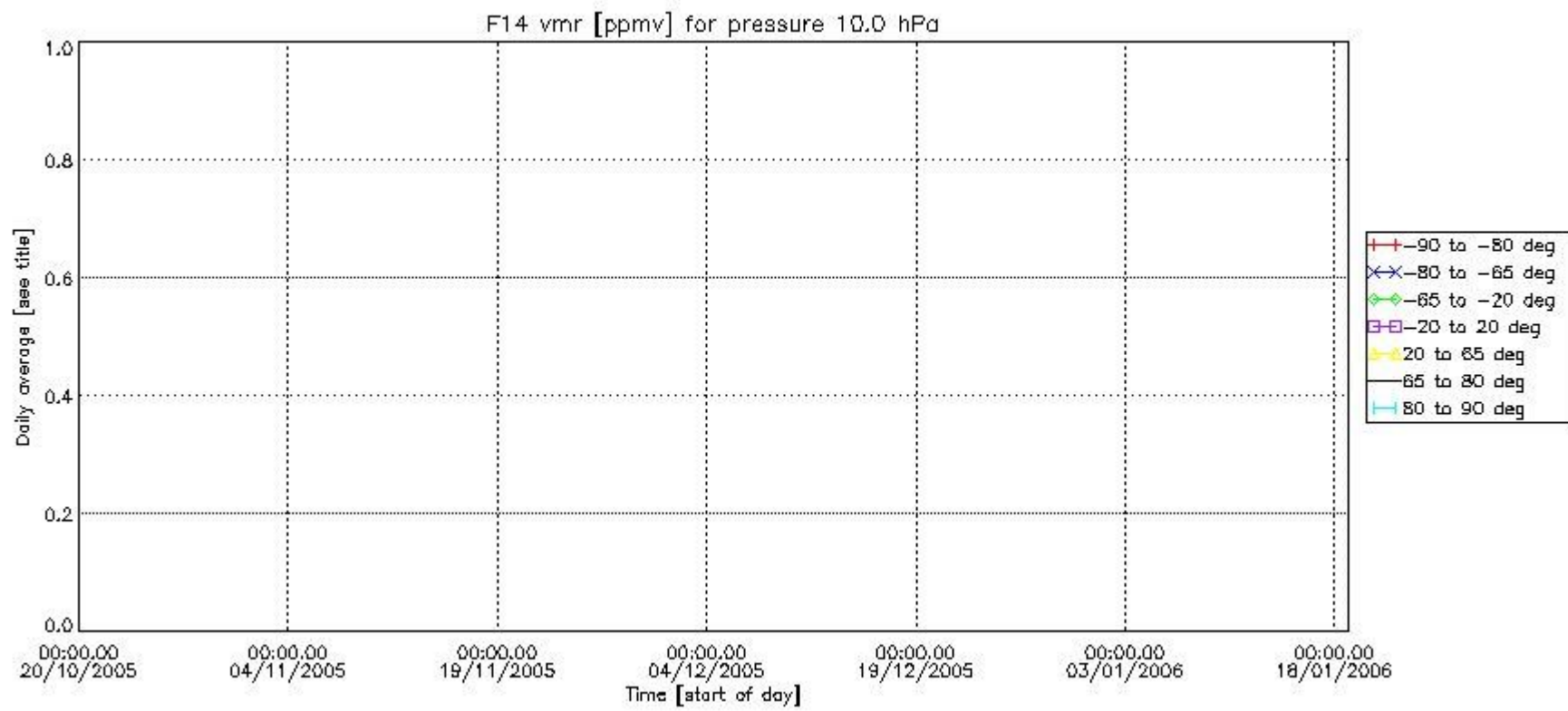
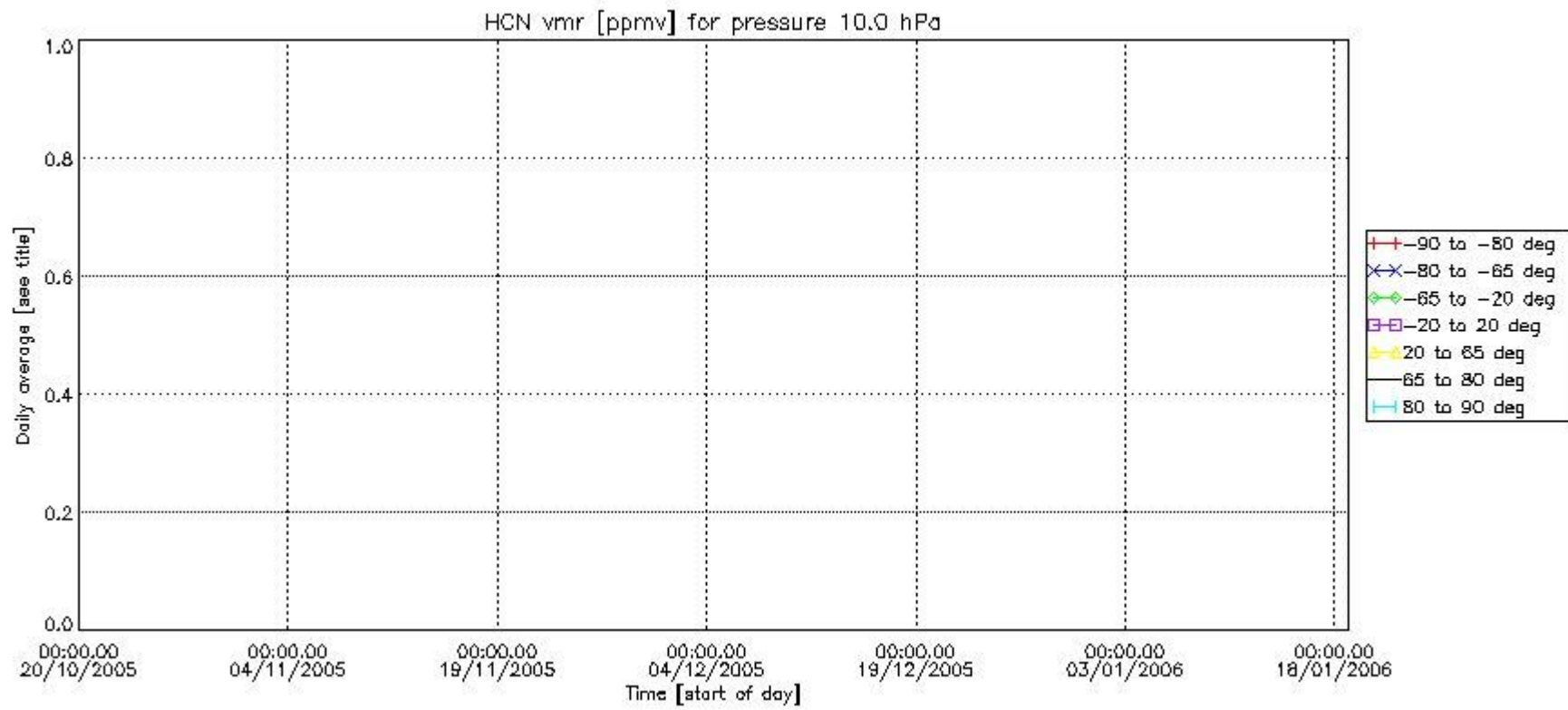


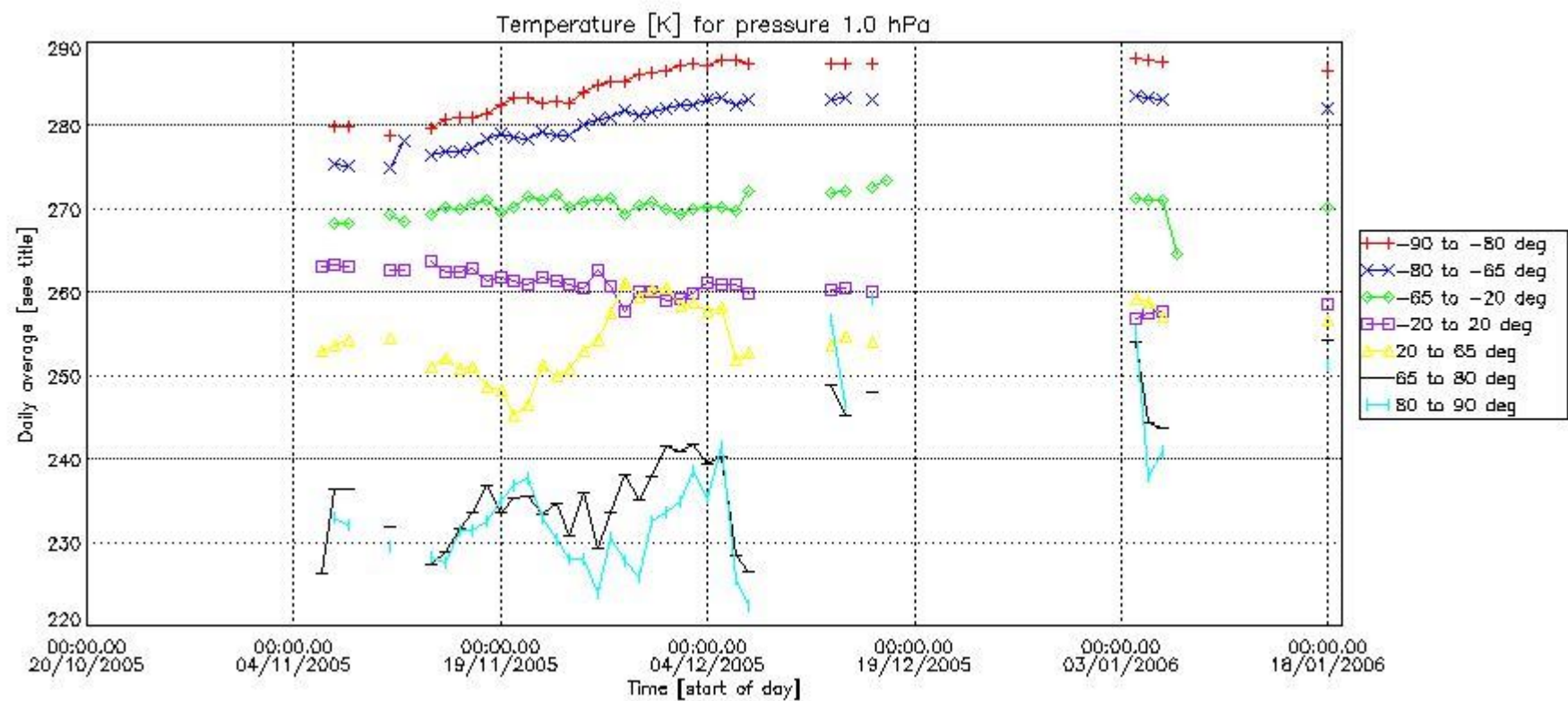
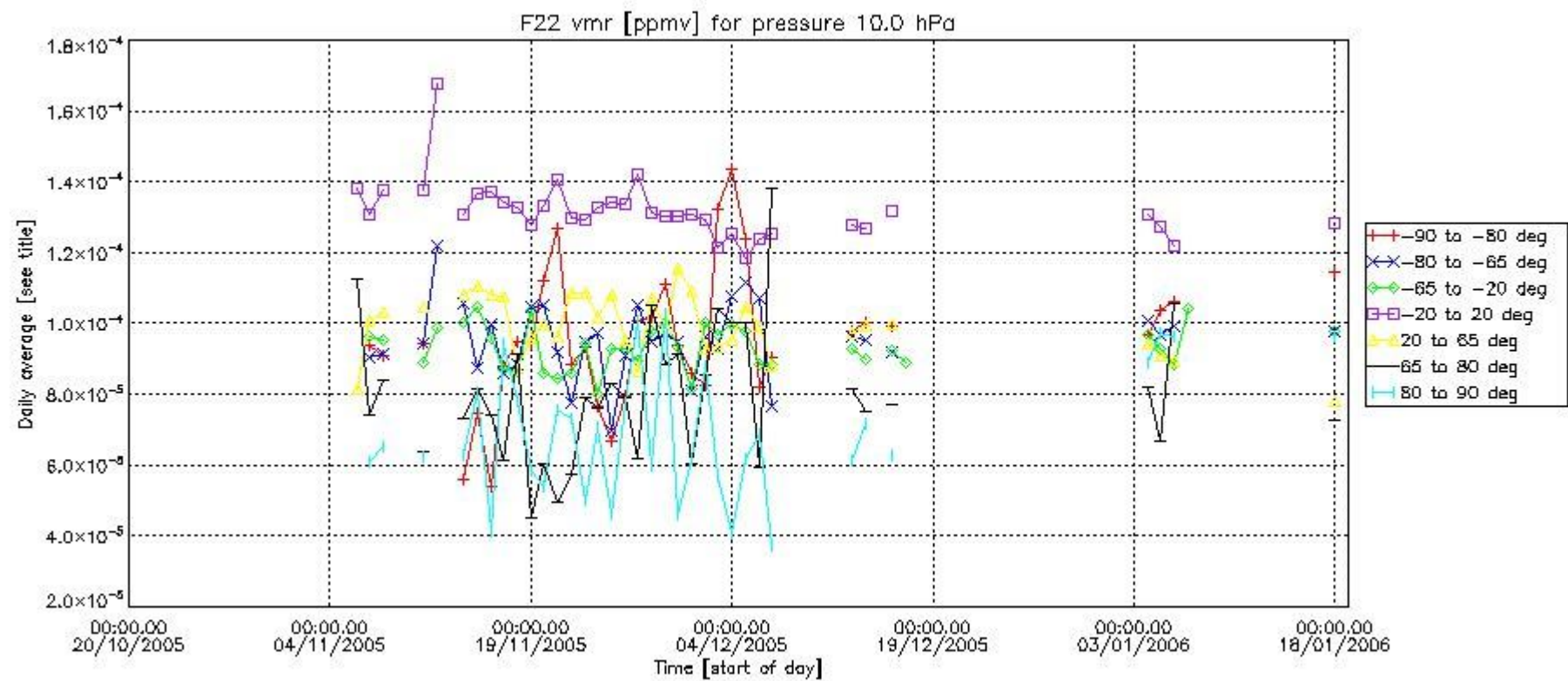


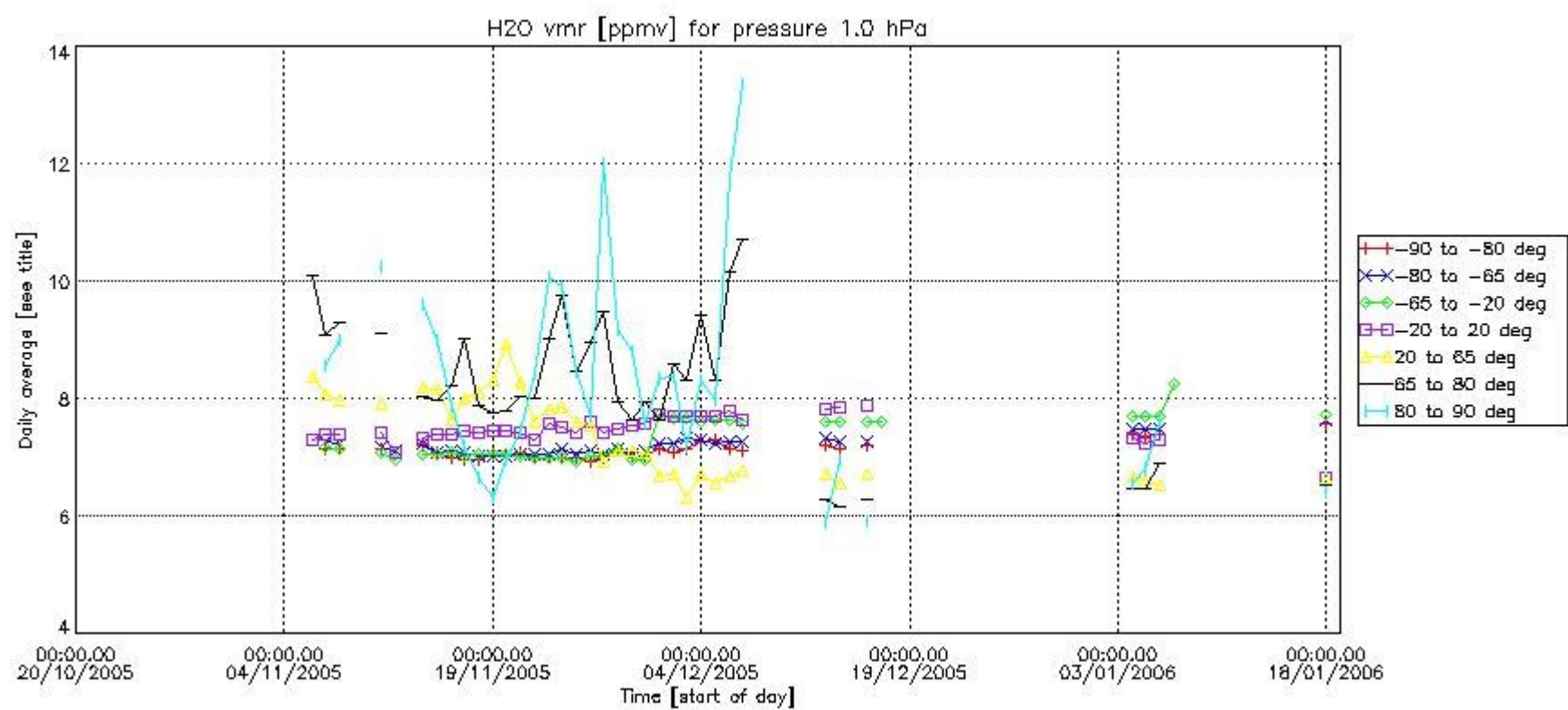
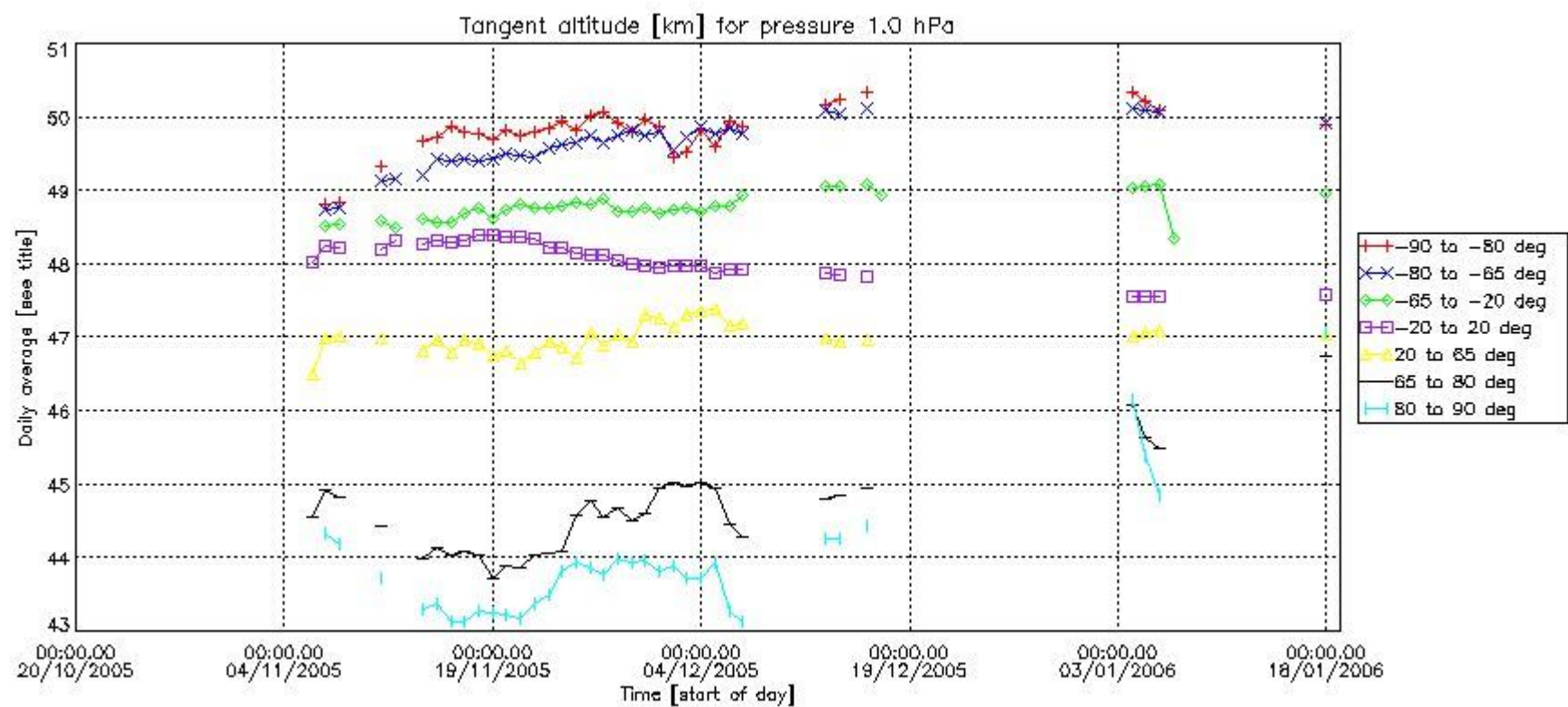


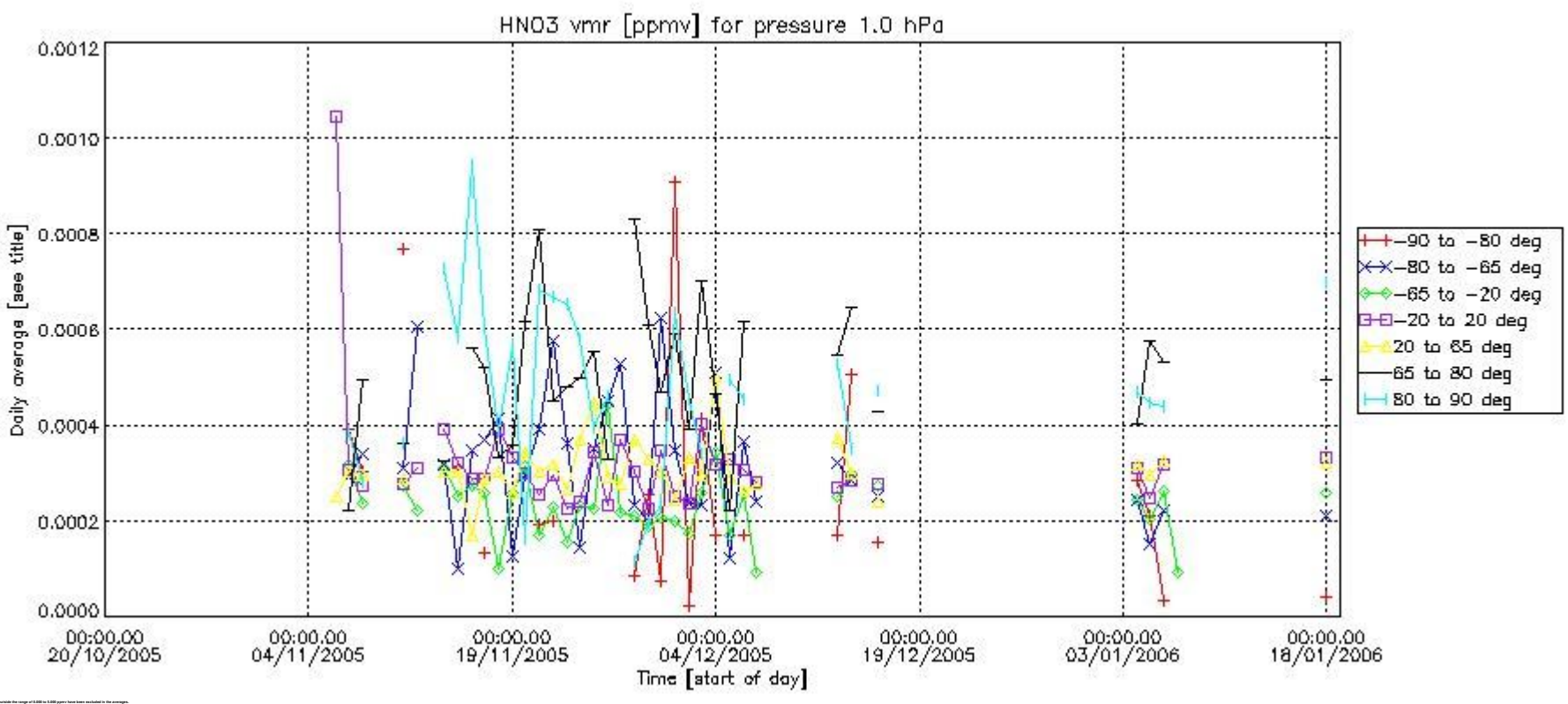
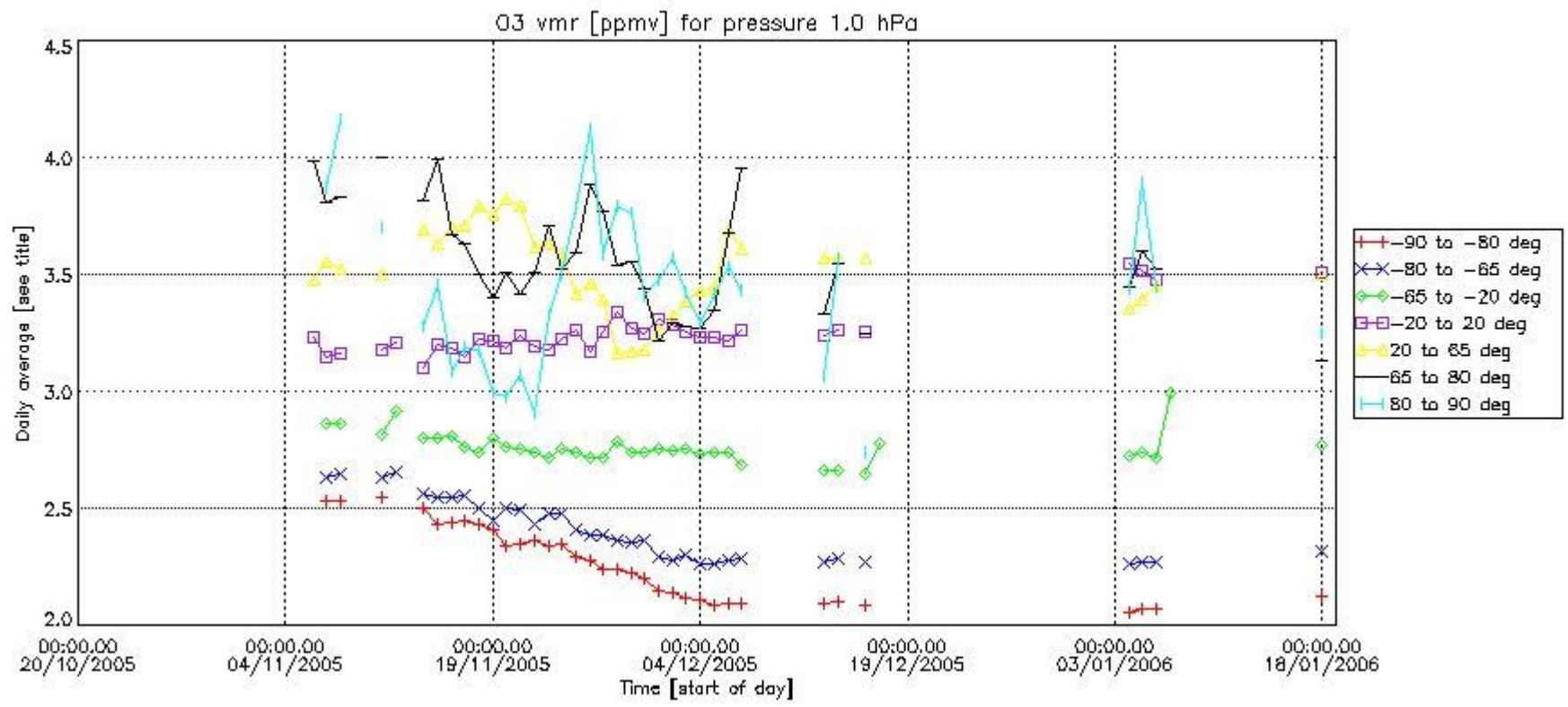


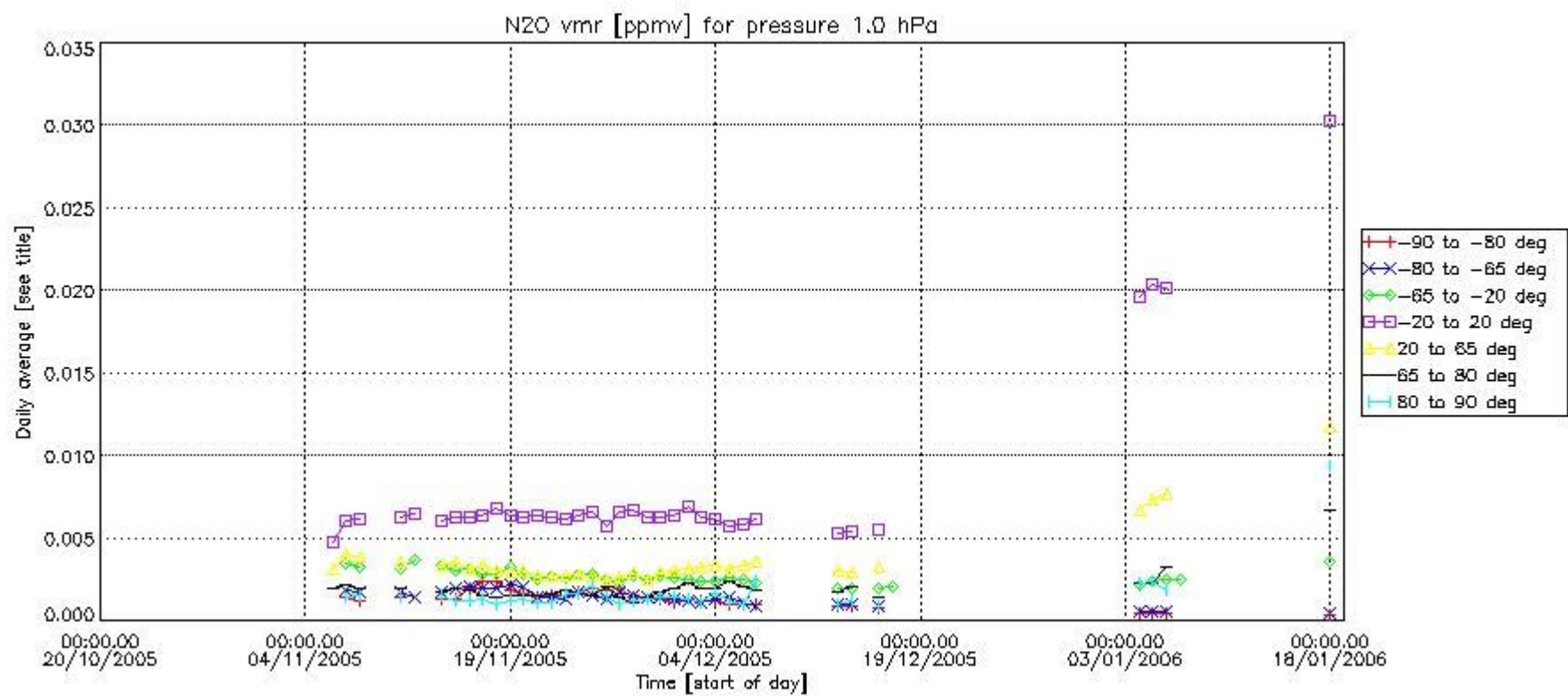
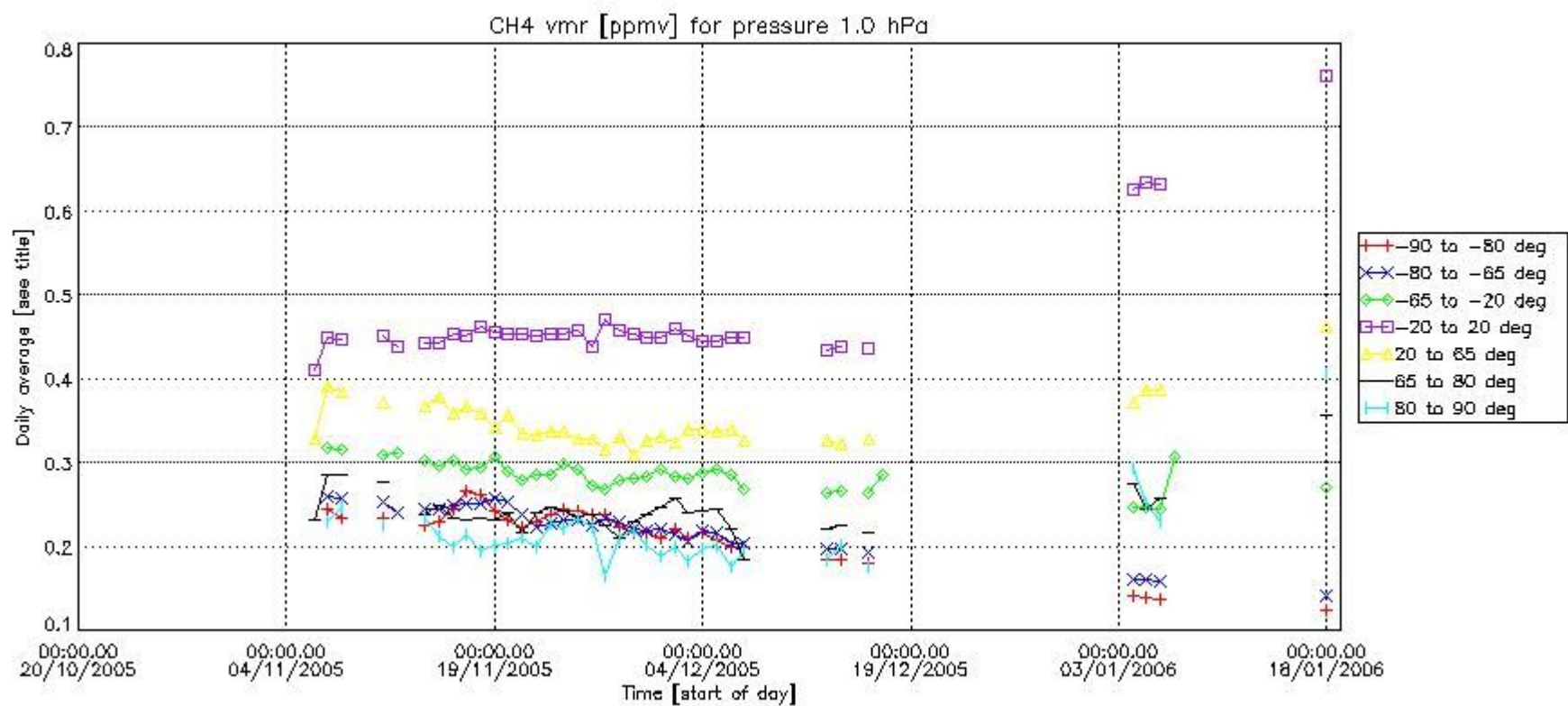


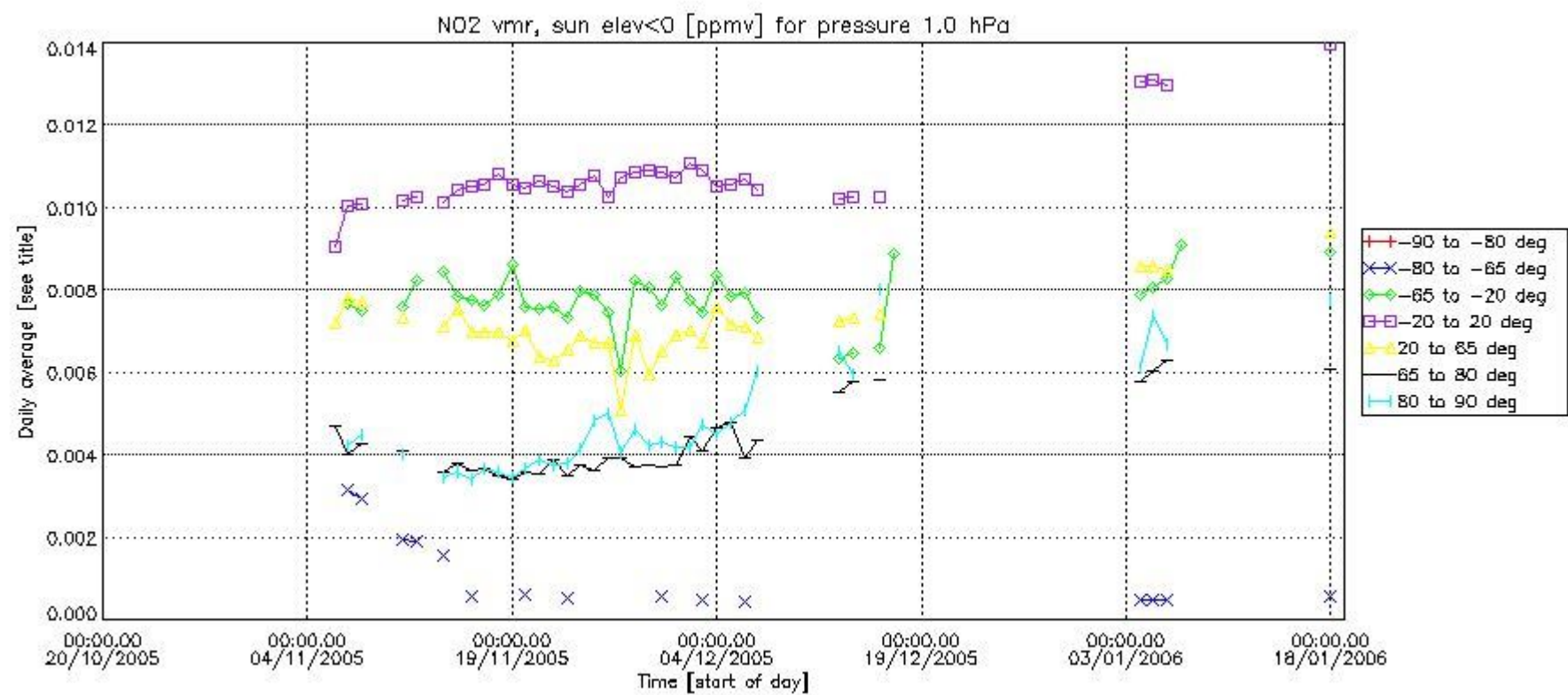
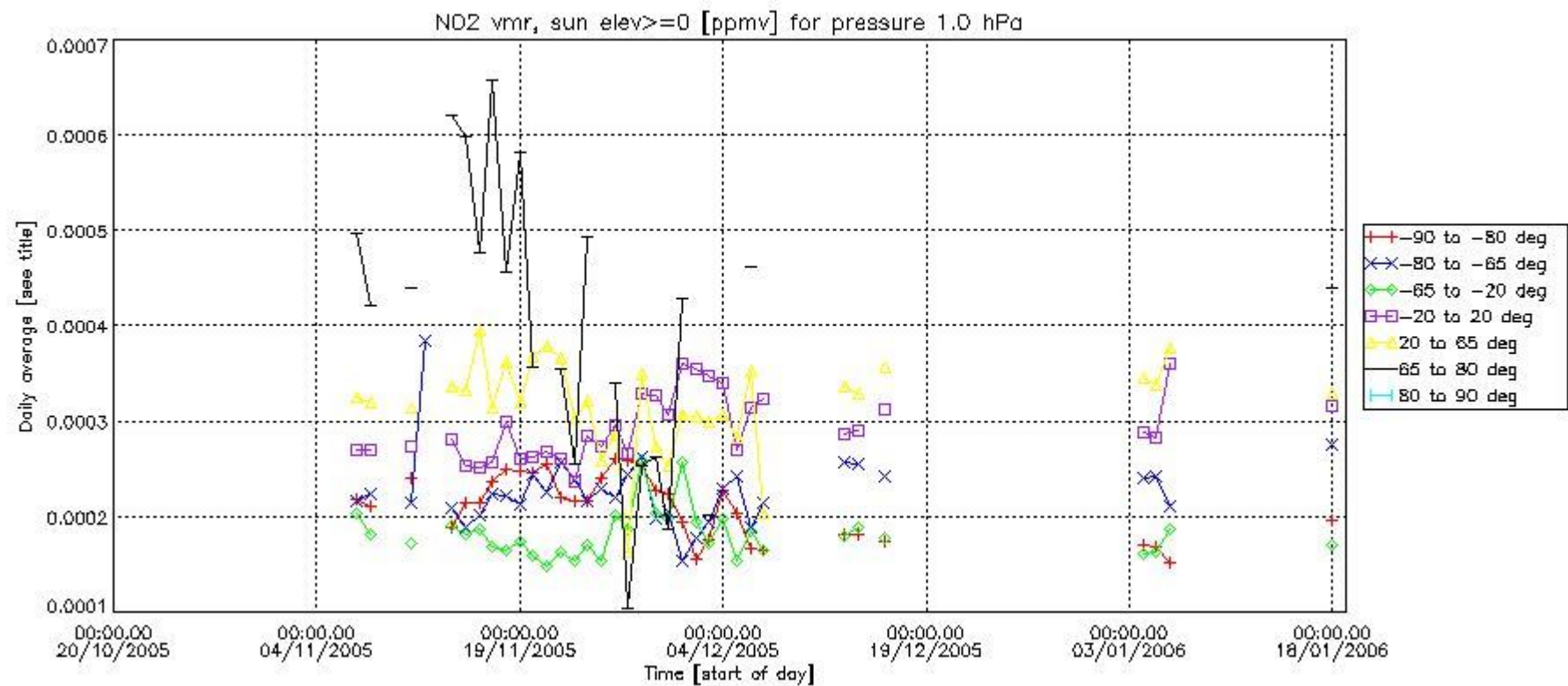


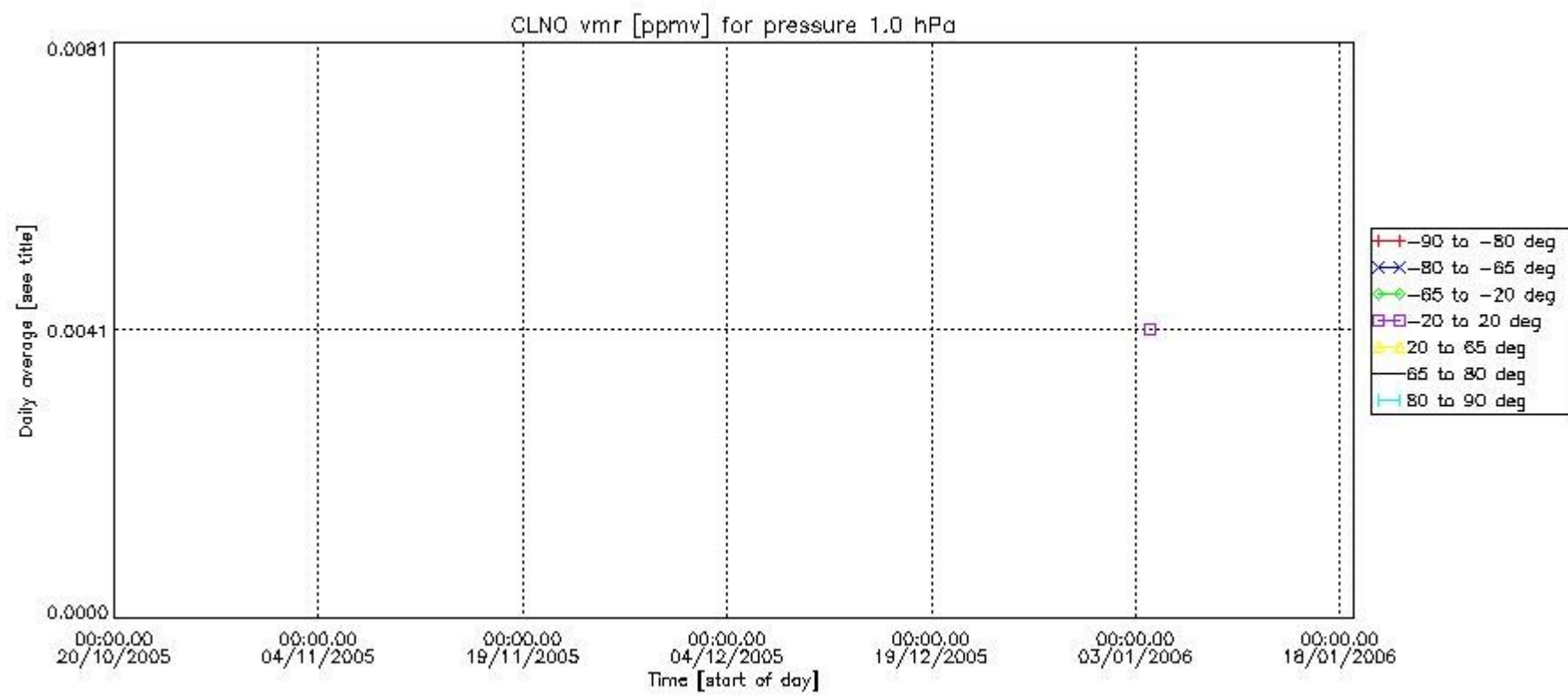
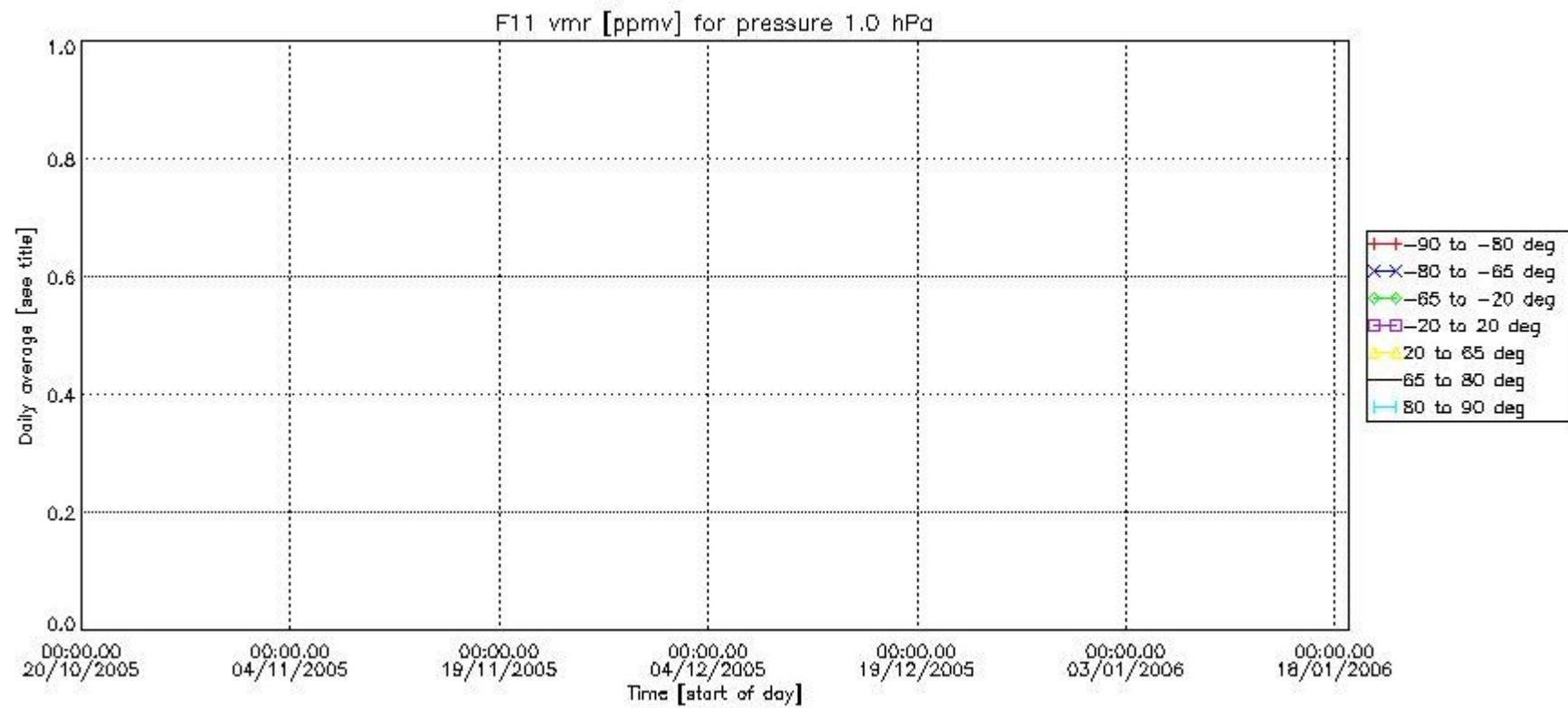


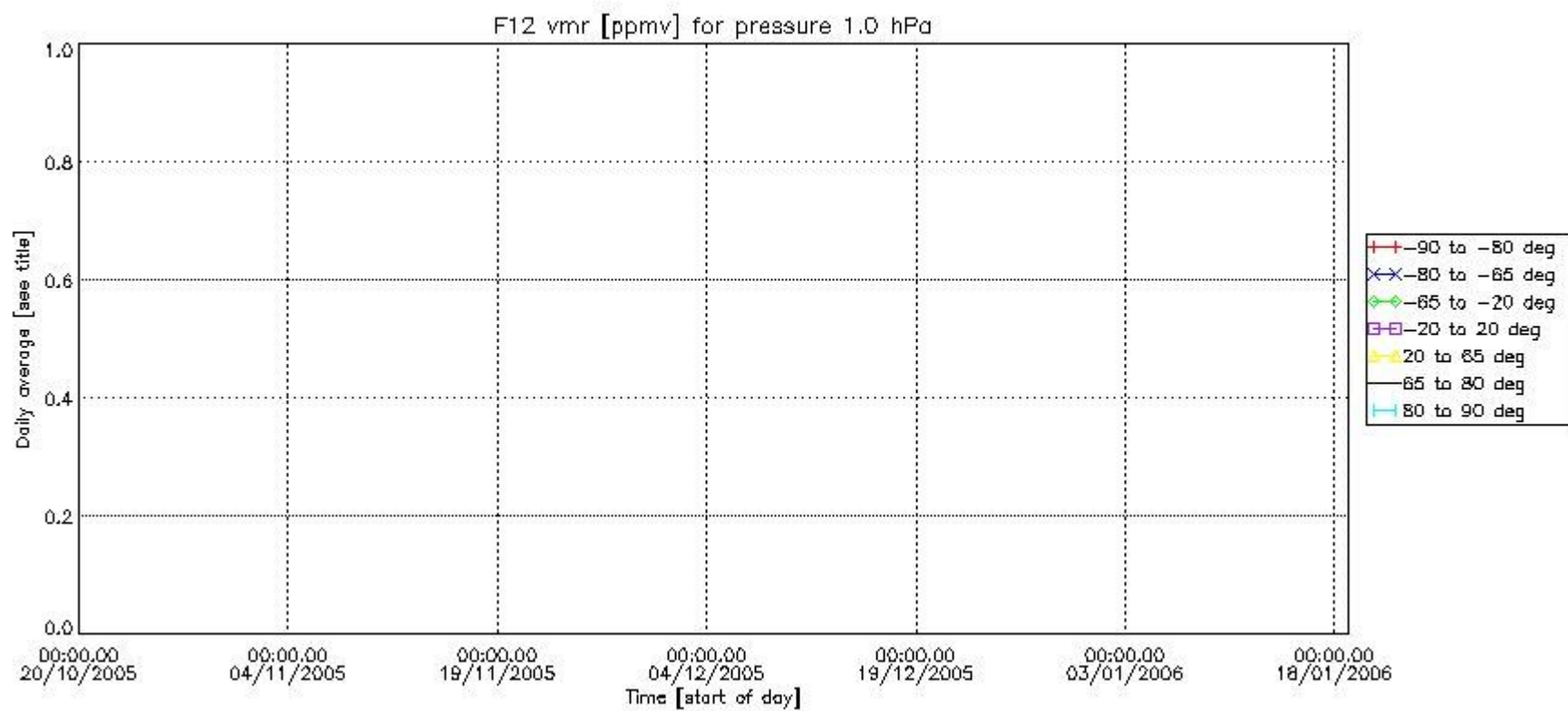
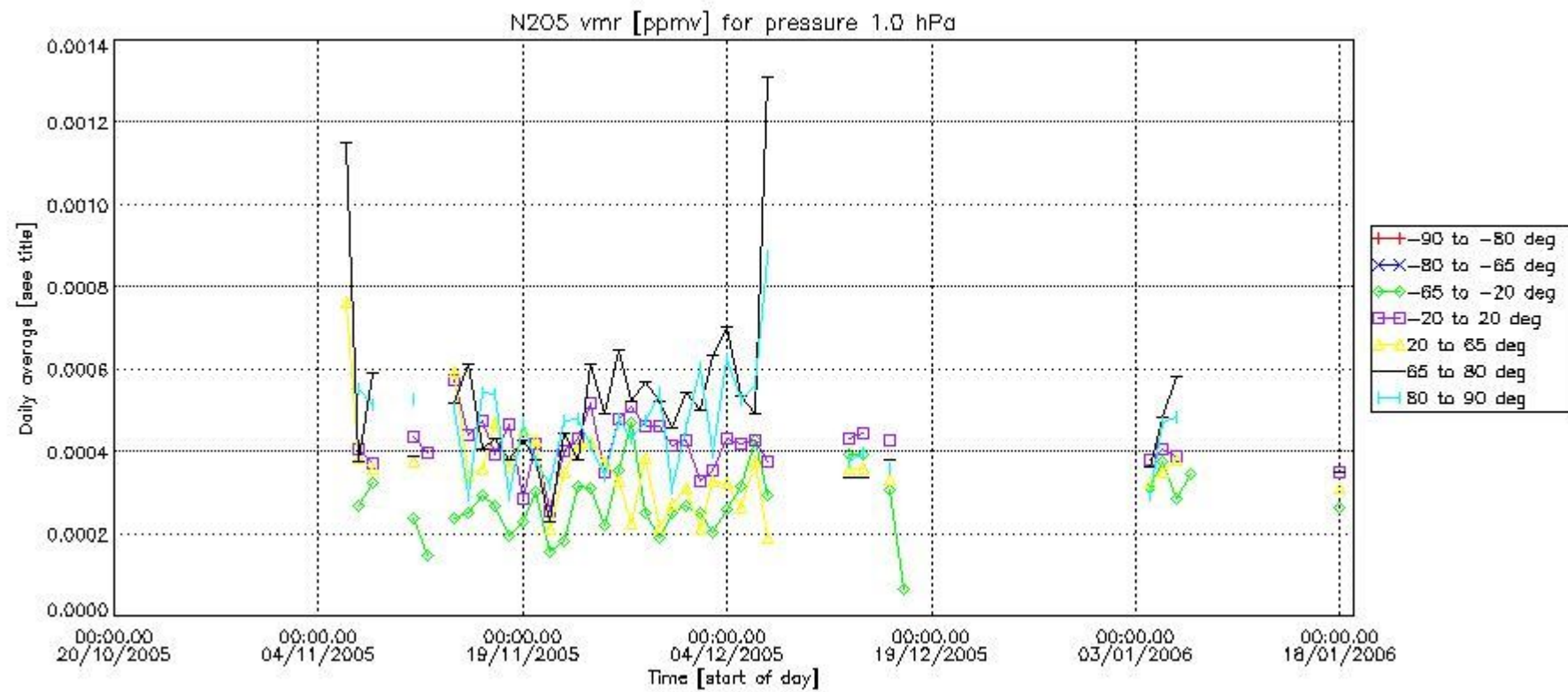


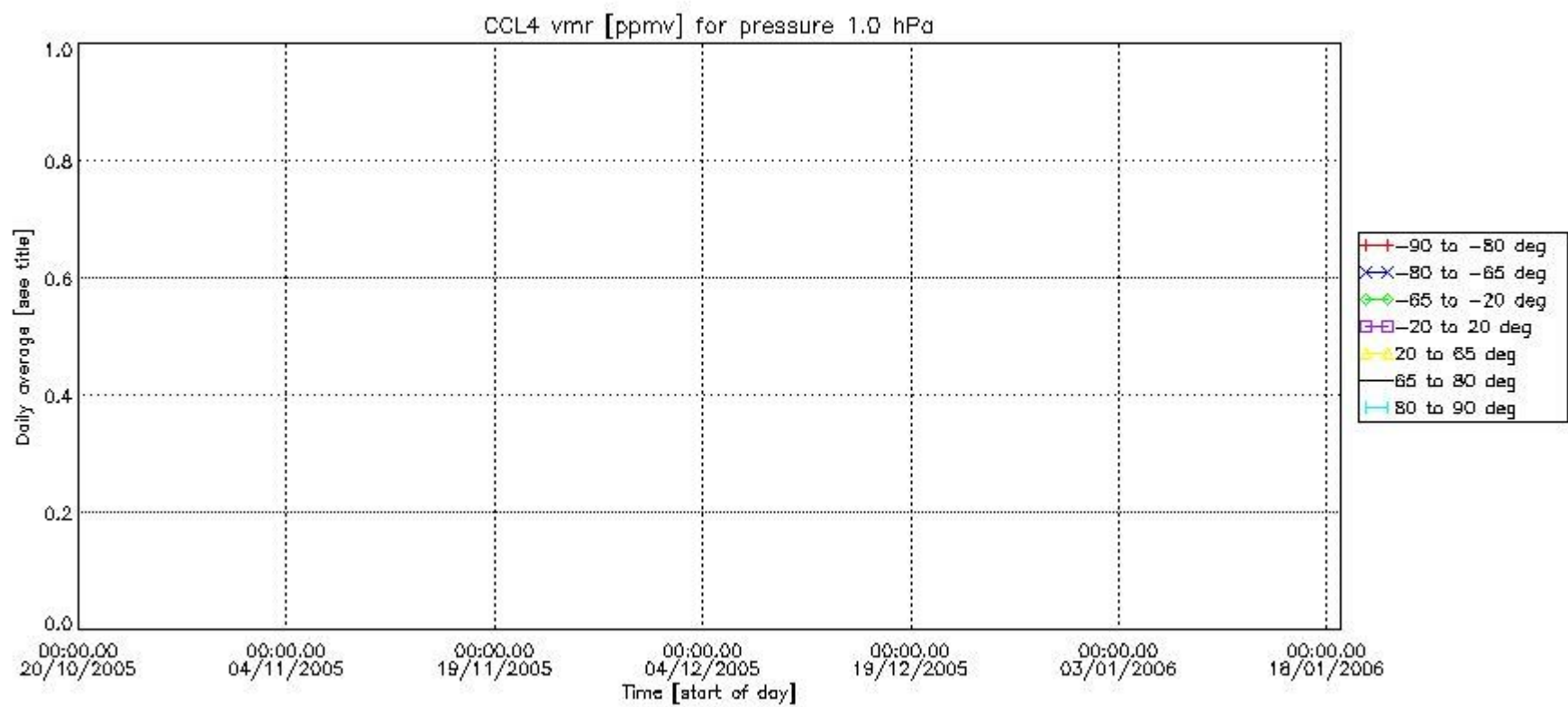
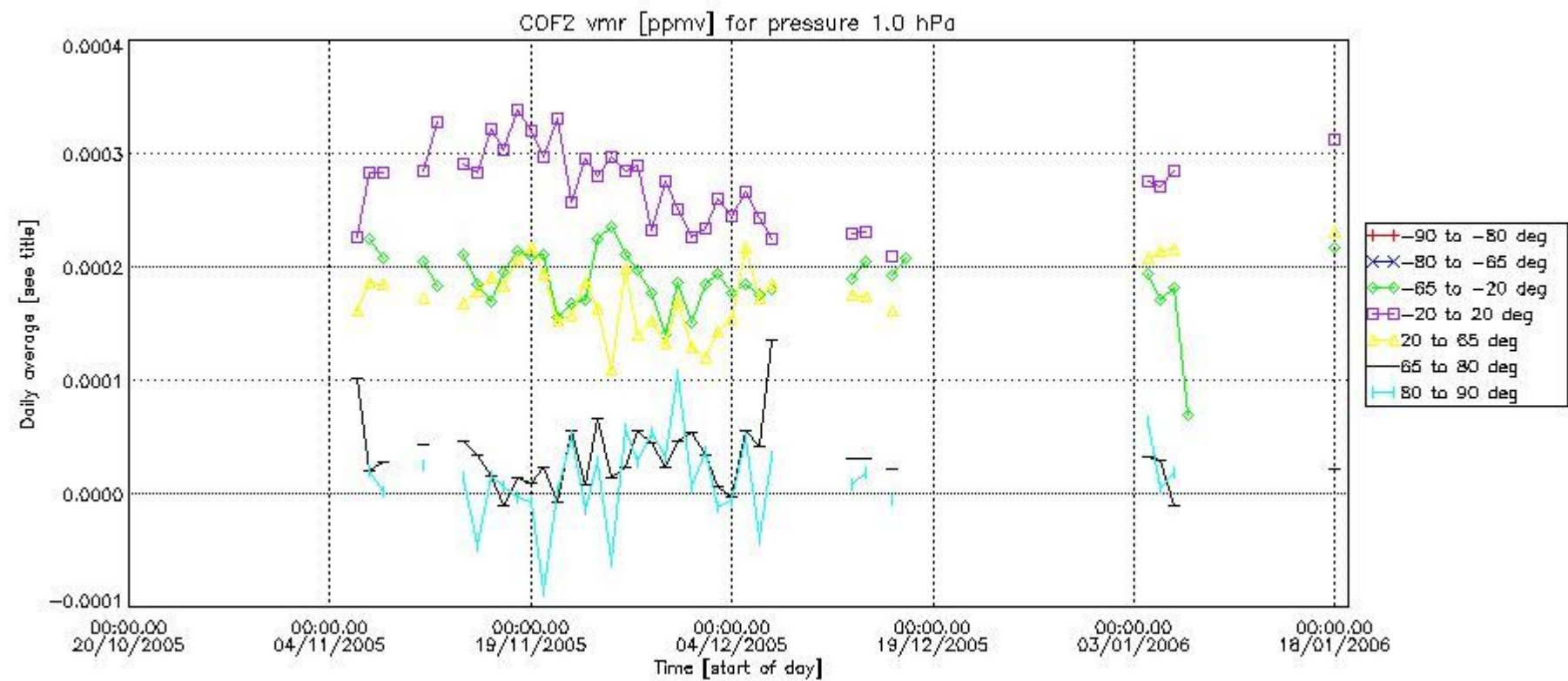


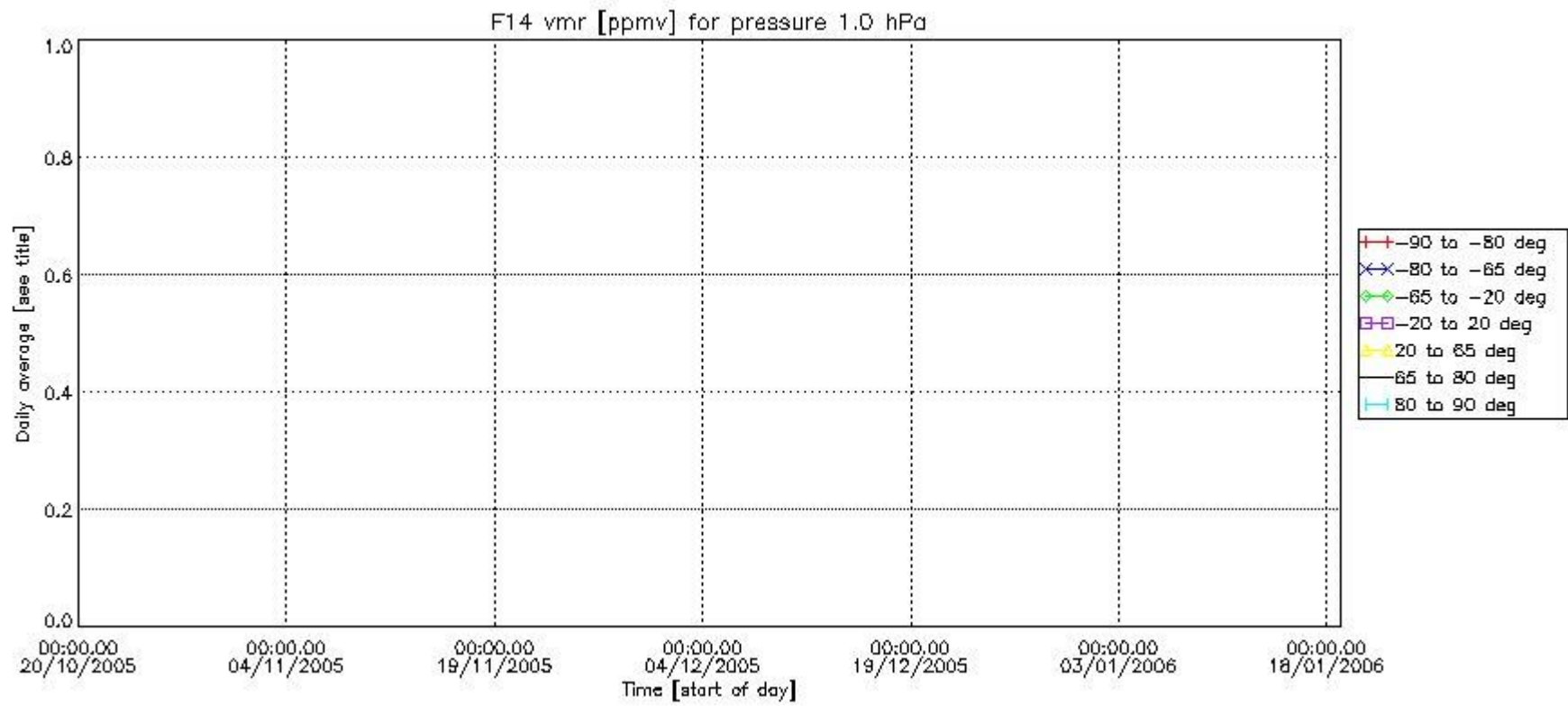
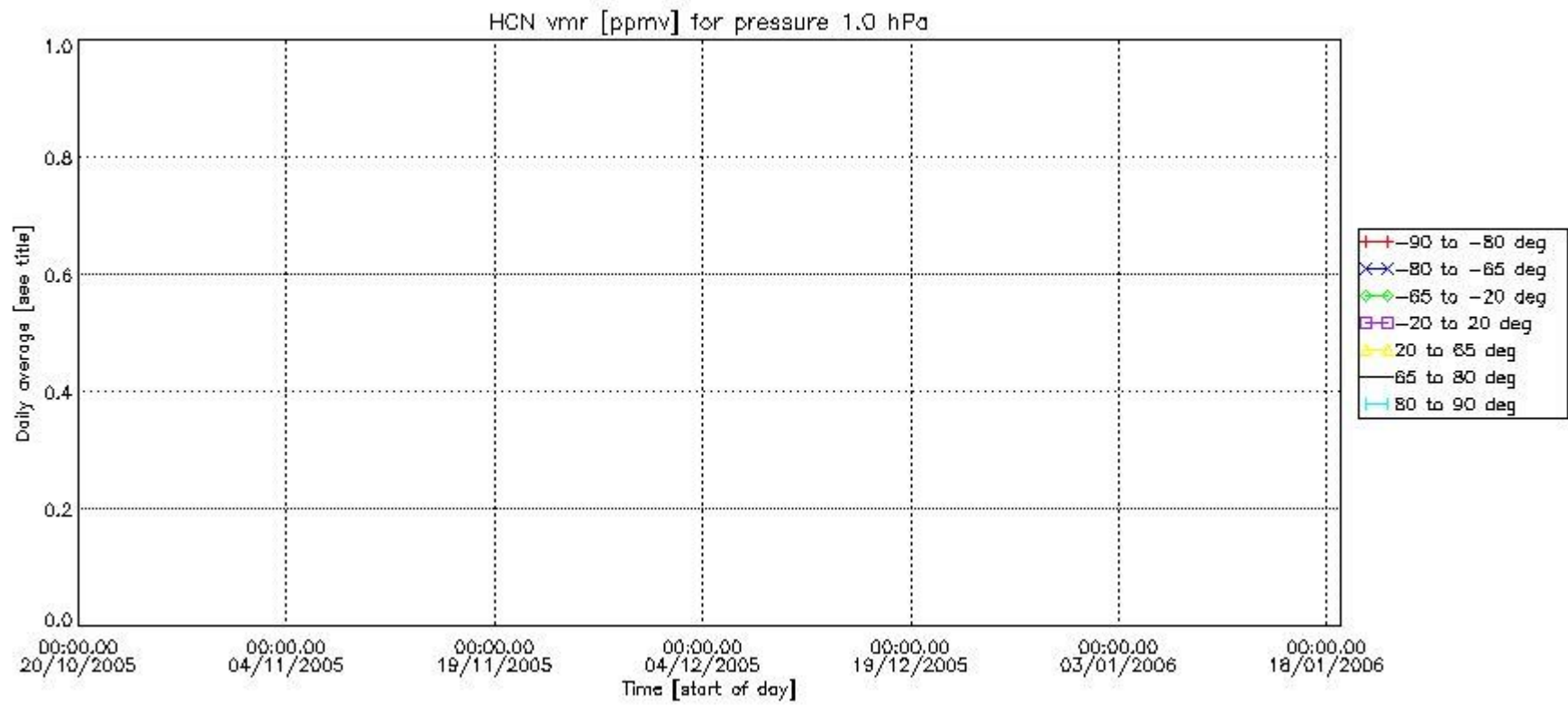


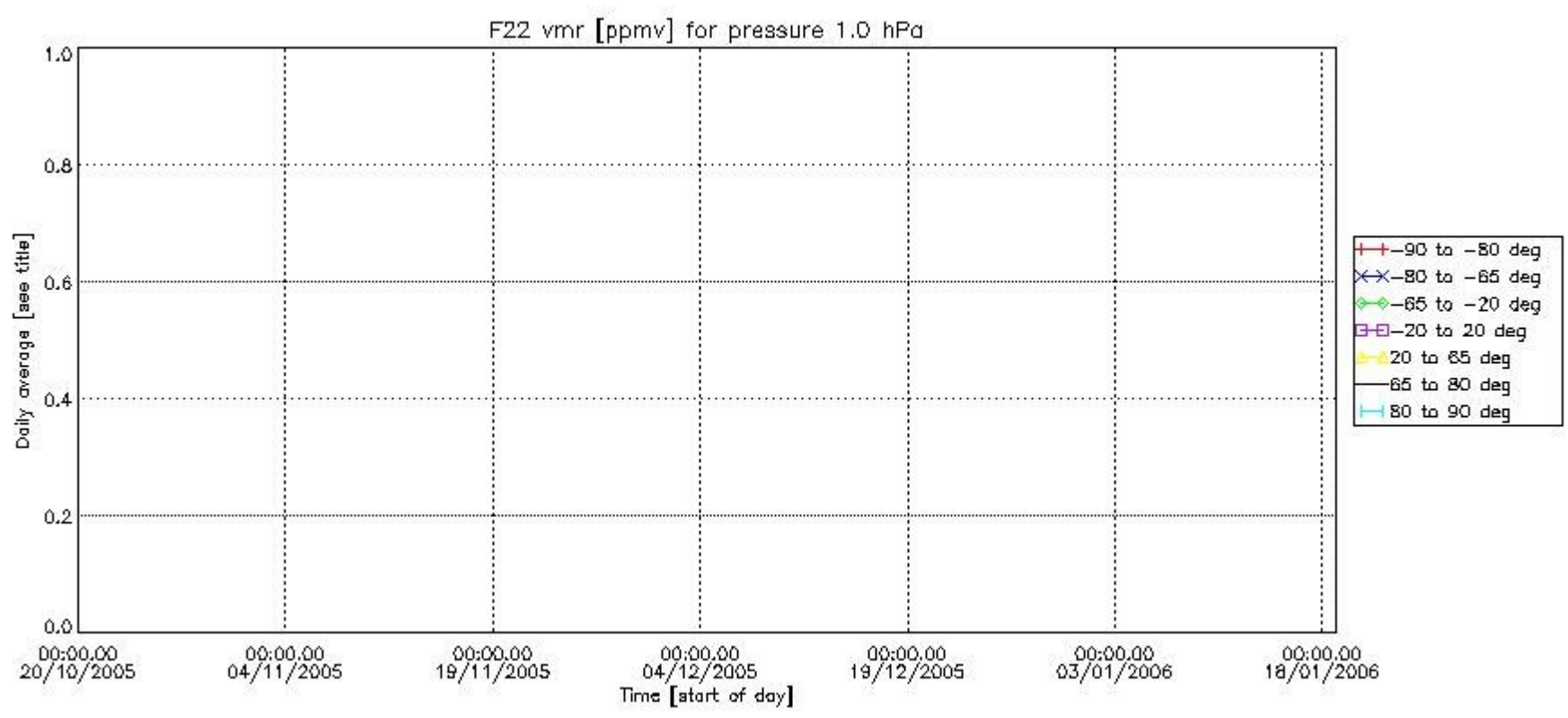












Number of successful retrievals vs. geolocation (*=day side , triangle=night side).

