

2. MIPAS Daily Report for level 2 products summary report

(See [mipas_daily_report_level2_ML2PP_7_03_W_20060125.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 11:37:37
Data source version	ML2PP/7.03-W
Processing scope for products	25JAN2006 00:00:00 to 26JAN2006 00:00:00
Start time of first product within scope	25JAN2006 08:15:54
Stop time of last product within scope	25JAN2006 21:45:58
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__2PWDSI20060125_081554_000074742044_00322_20416_1000.N1	25JAN2006 08:15:54	25JAN2006 10:20:27	0	107/107	VMR_TERM_MACRO_MICRO[F14/macro:1; NO2/micro:1]
1	MIP_NL__2PWDSI20060125_095231_000060352044_00323_20417_1000.N1	25JAN2006 09:52:31	25JAN2006 11:33:07	0	133/133	
2	MIP_NL__2PWDSI20060125_113313_000005502044_00324_20418_1000.N1	25JAN2006 11:33:13	25JAN2006 11:42:22	0	12/12	
3	MIP_NL__2PWDSI20060125_181930_000057472044_00328_20422_1000.N1	25JAN2006 18:19:30	25JAN2006 19:55:17	0	122/122	VMR_TERM_MACRO_MICRO[F14/macro:1; NO2/micro:1; HCN/micro:2]
4	MIP_NL__2PWDSI20060125_195607_000060352044_00329_20423_1000.N1	25JAN2006 19:56:07	25JAN2006 21:36:42	0	133/133	VMR_TERM_MACRO_MICRO[HCN/macro:2; HCN/micro:4]
5	MIP_NL__2PWDSI20060125_213648_000005502044_00330_20424_1000.N1	25JAN2006 21:36:48	25JAN2006 21:45:58	0	12/12	

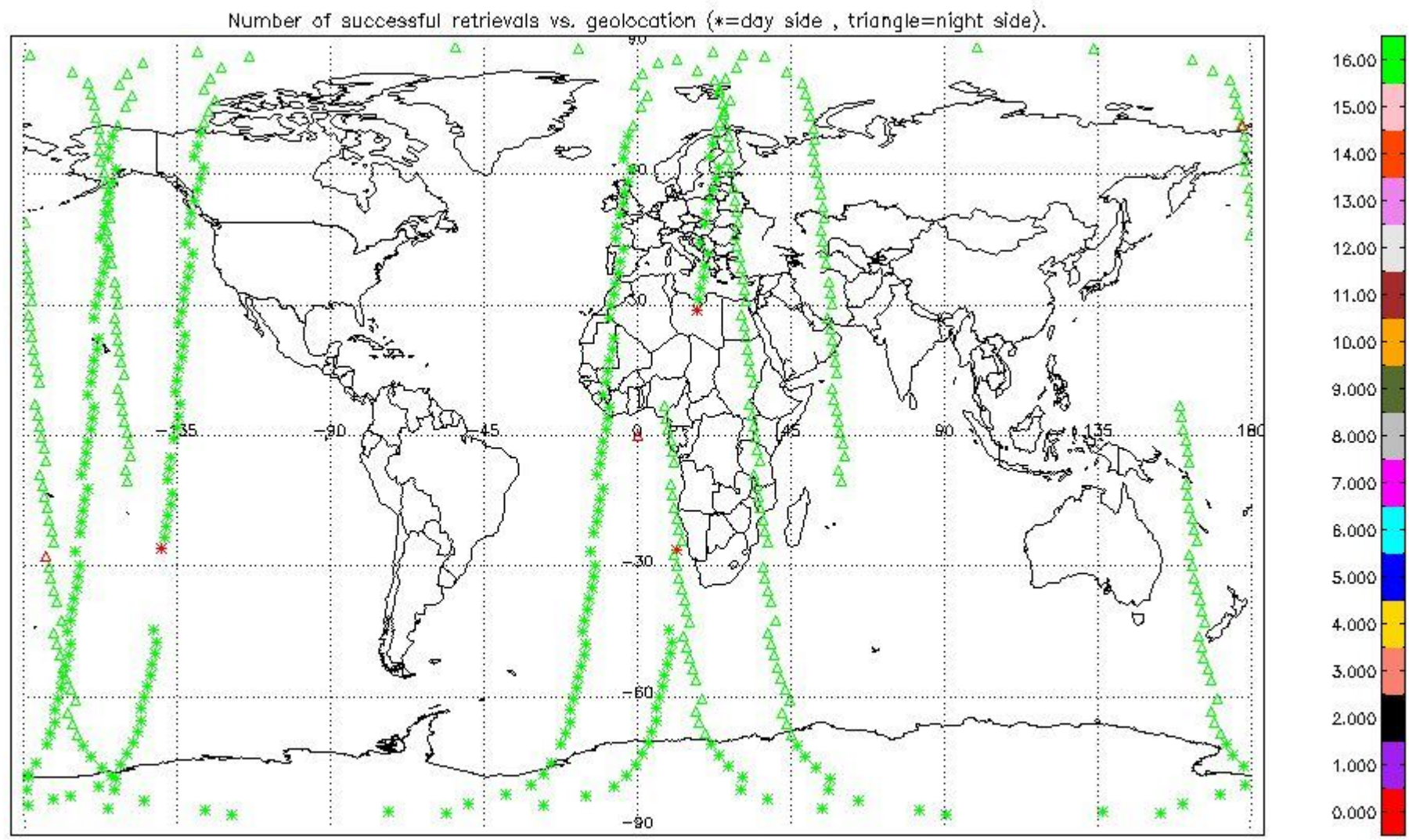
2.2 Processing performance indicators

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.

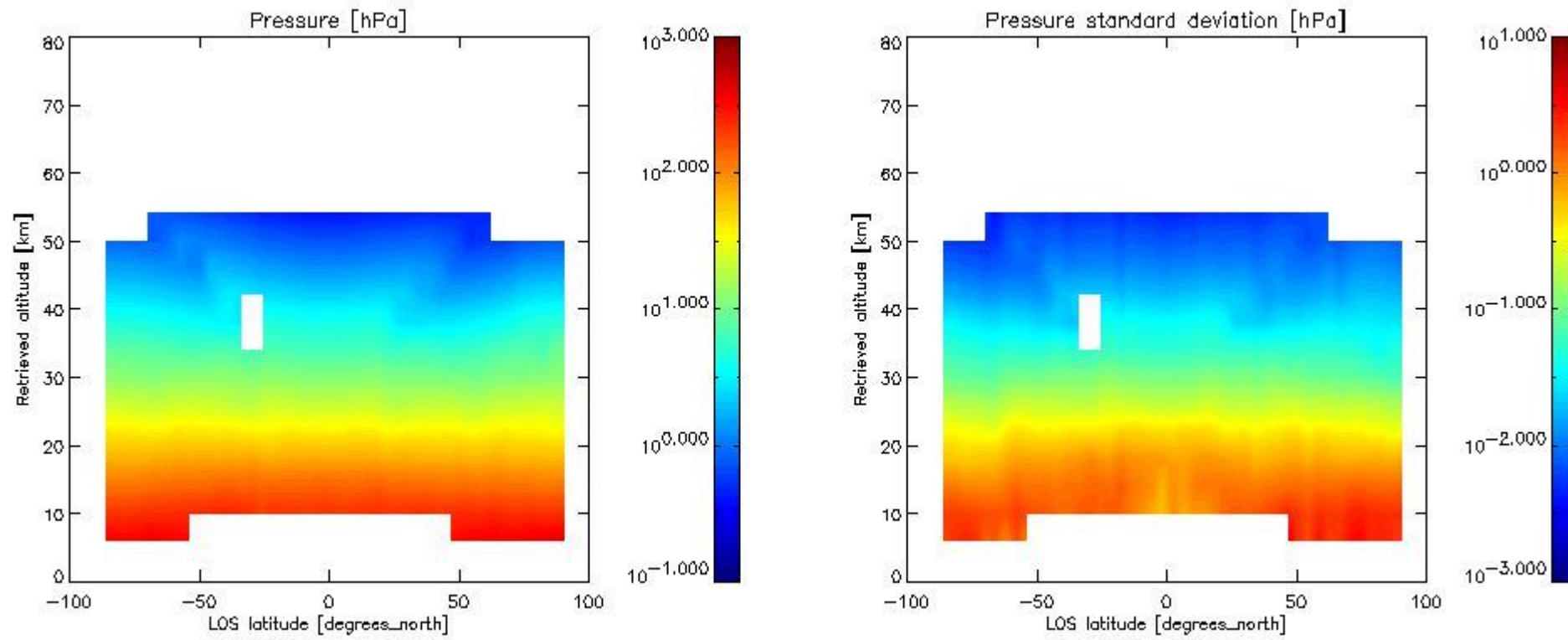
RETRIEVAL MDS	# scans processed	# Successful retrievals	%
PT	519	511	98.459
H2O	519	511	98.459
O3	519	511	98.459
HNO3	519	511	98.459

CH4	519	511	98.459
N2O	519	511	98.459
NO2	519	511	98.459
F11	519	511	98.459
CLNO	519	511	98.459
N2O5	519	511	98.459
F12	519	511	98.459
COF2	519	511	98.459
CCL4	519	511	98.459
HCN	519	511	98.459
F14	519	511	98.459
F22	519	511	98.459



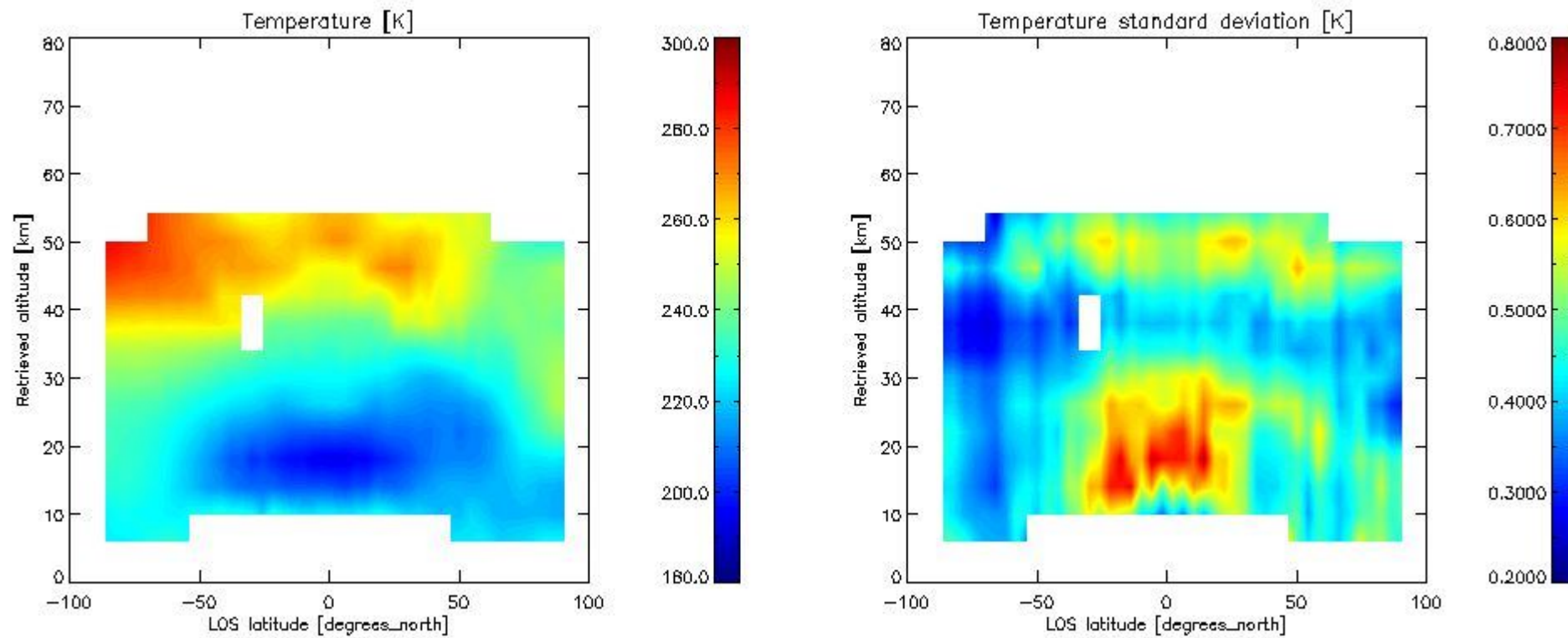
2.2.2 Pressure overview

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



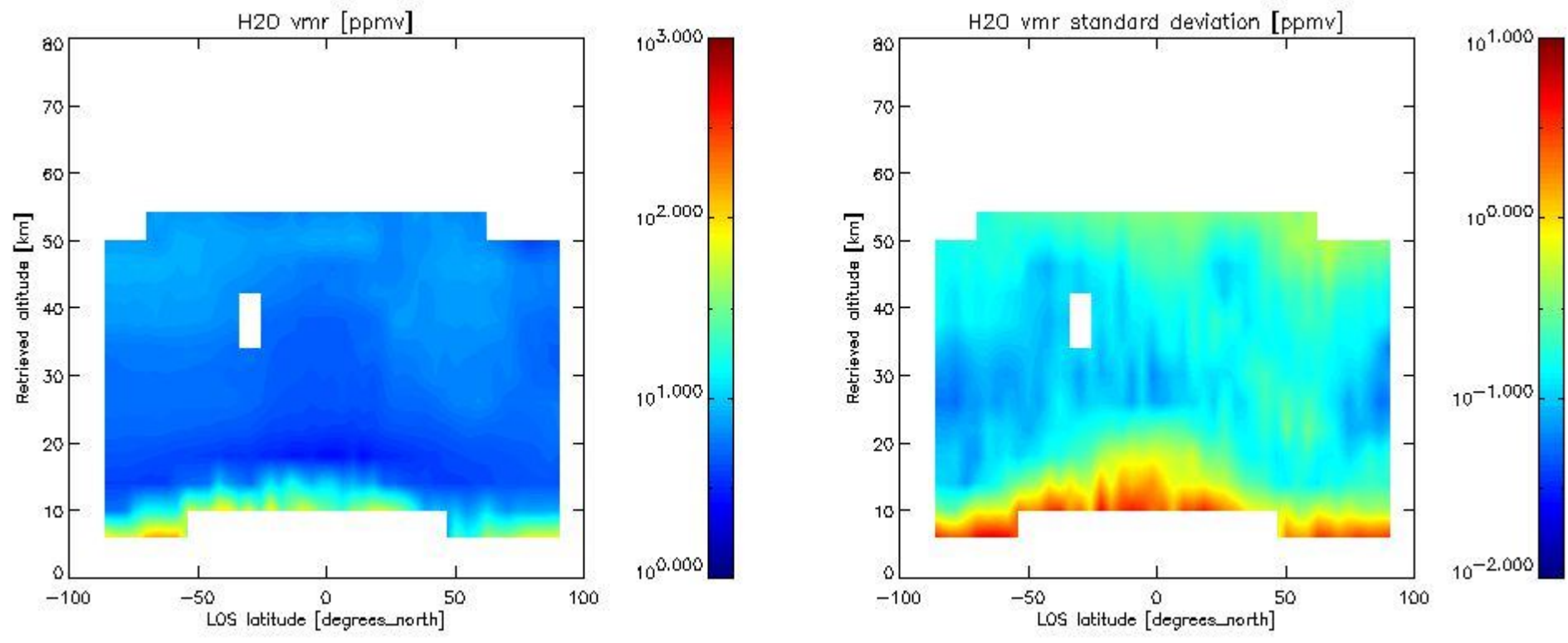
2.2.3 Temperature overview

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

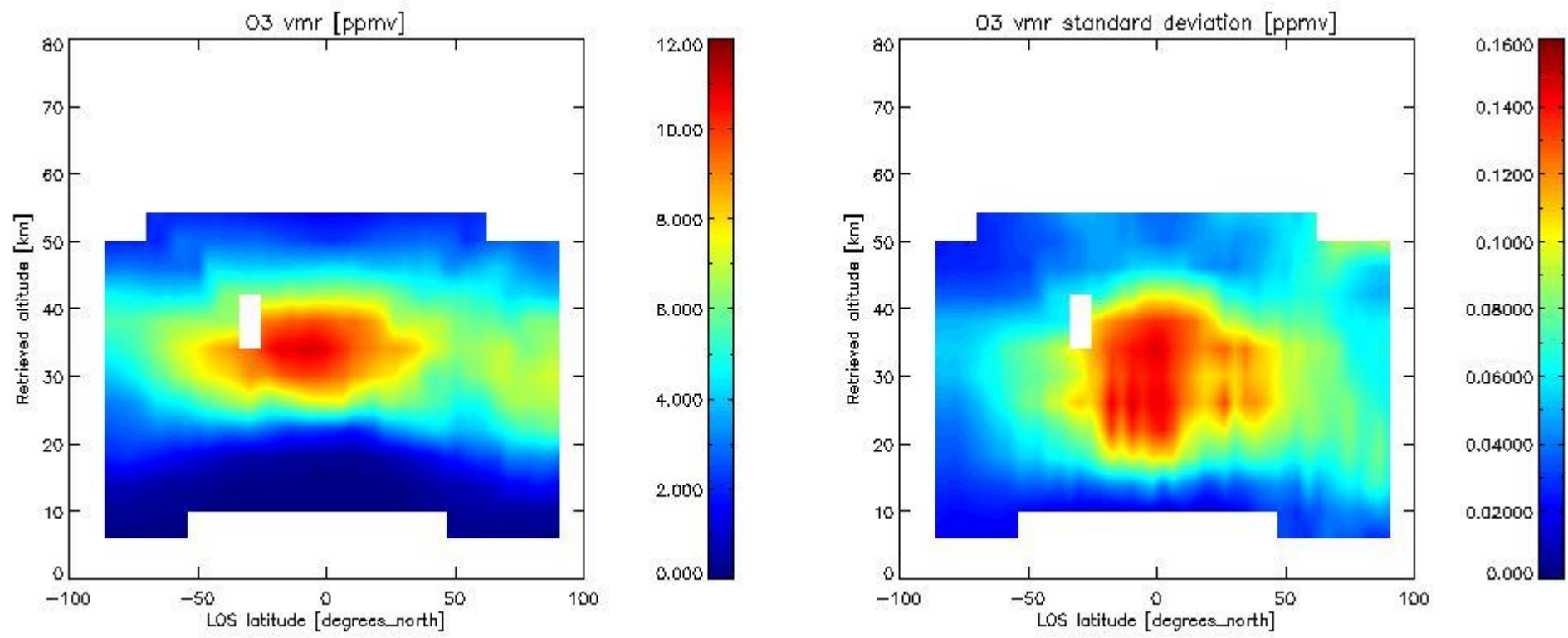


2.2.4 Species overview

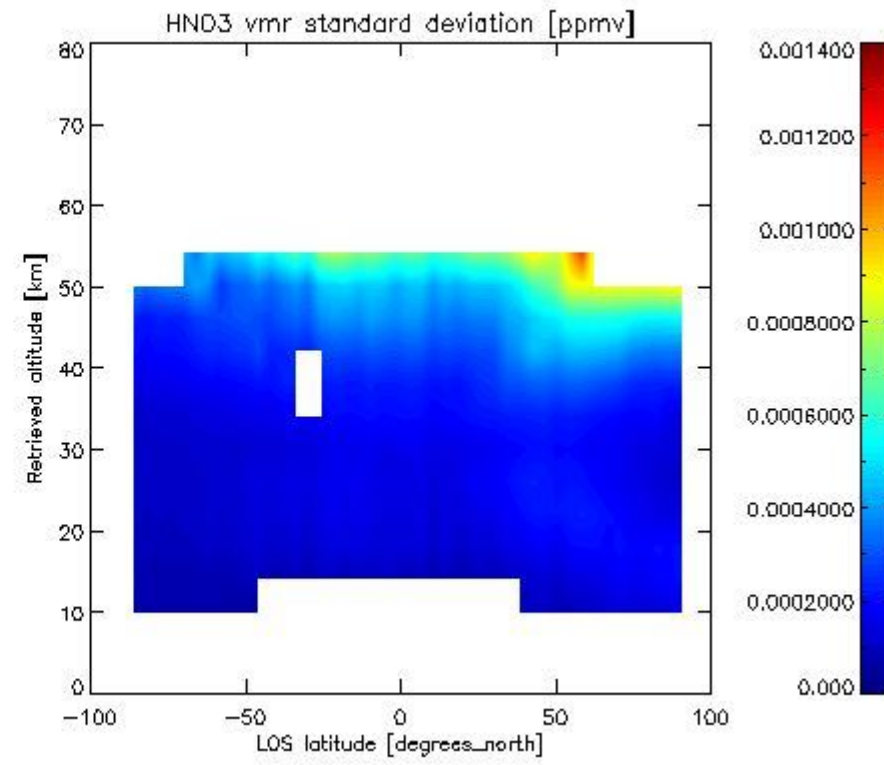
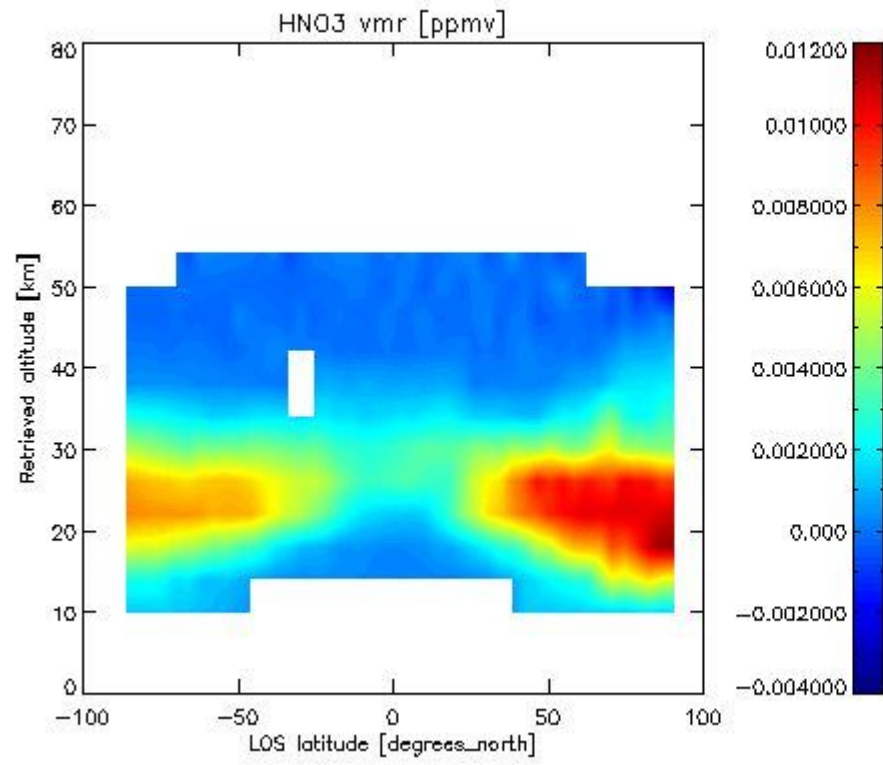
2.2.4.1 H₂O overview This section shows values (left) and error (right) for H₂O after binning individual sweep values over retrieved altitude and tangent latitude.



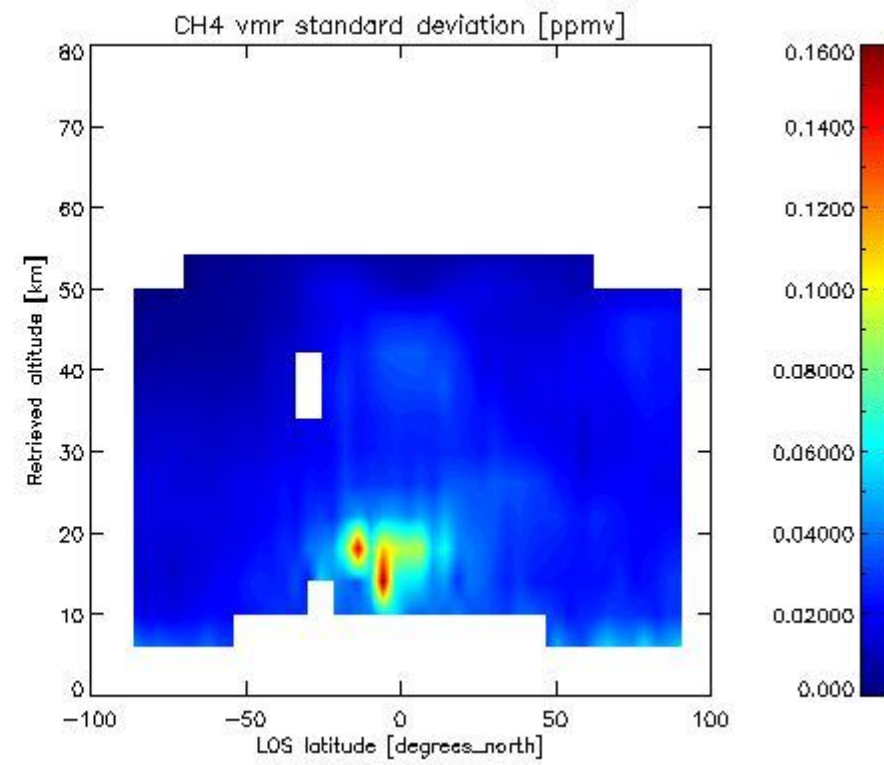
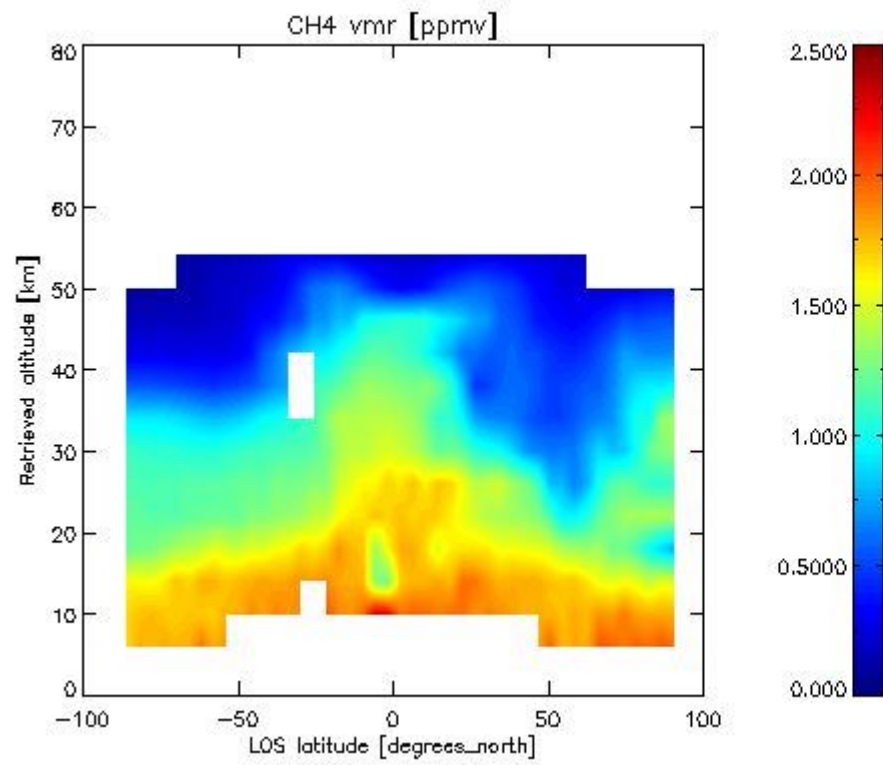
2.2.4.2 O₃ overview This section shows values (left) and error (right) for O₃ after binning individual sweep values over retrieved altitude and tangent latitude.



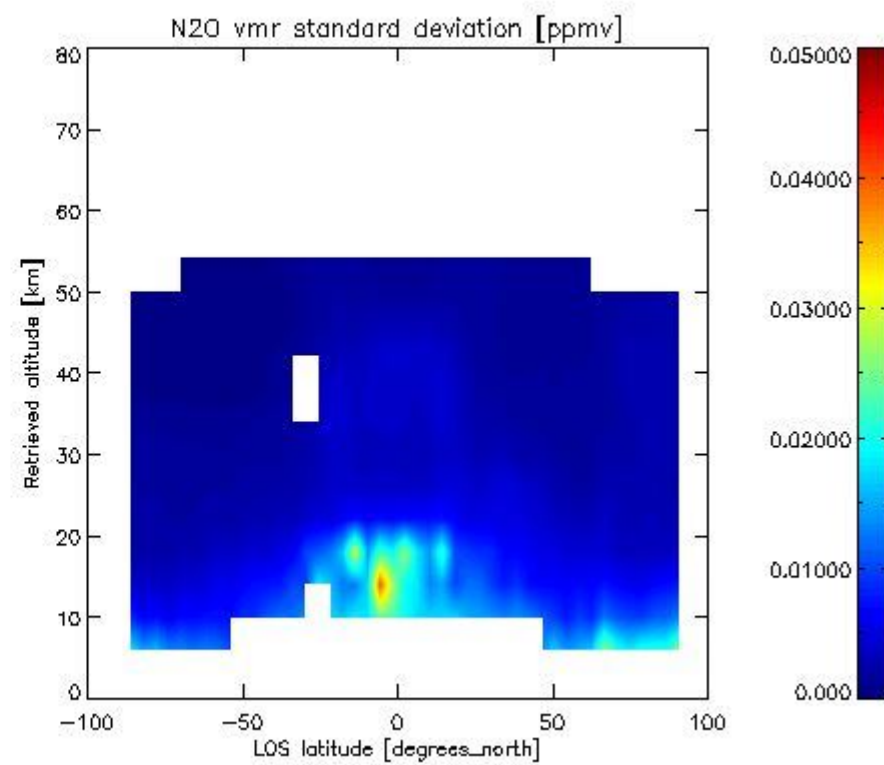
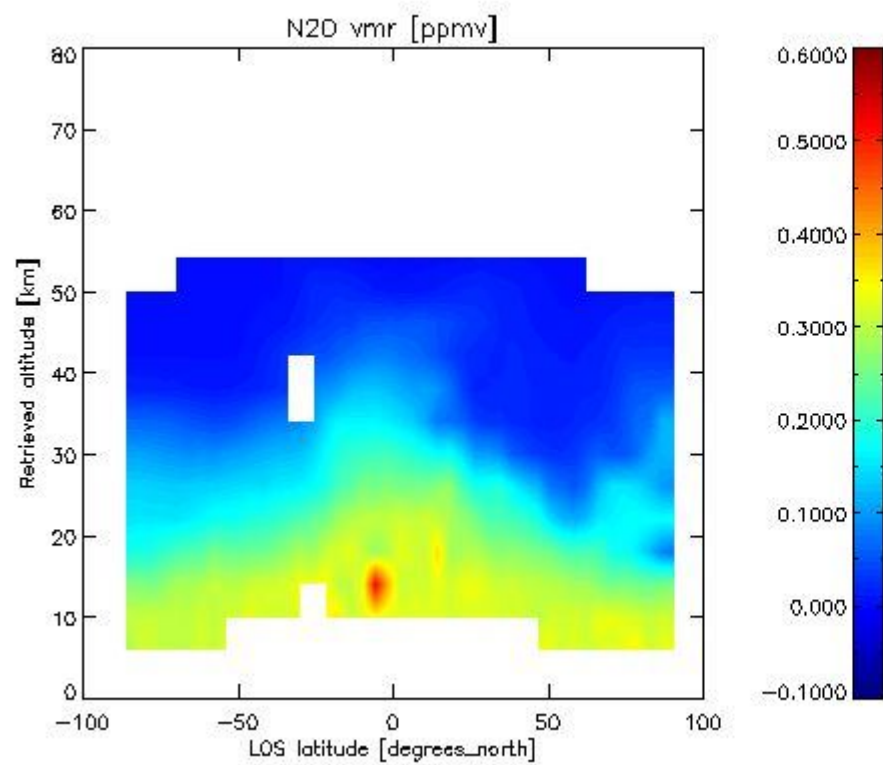
2.2.4.3 HNO₃ overview This section shows values (left) and error (right) for HNO₃ after binning individual sweep values over retrieved altitude and tangent latitude.



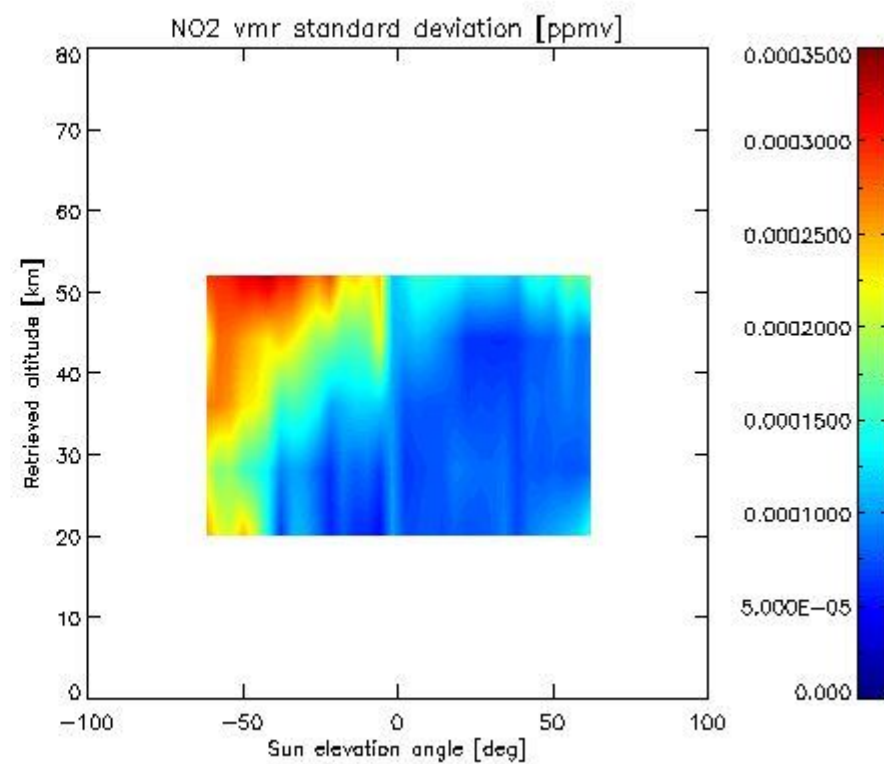
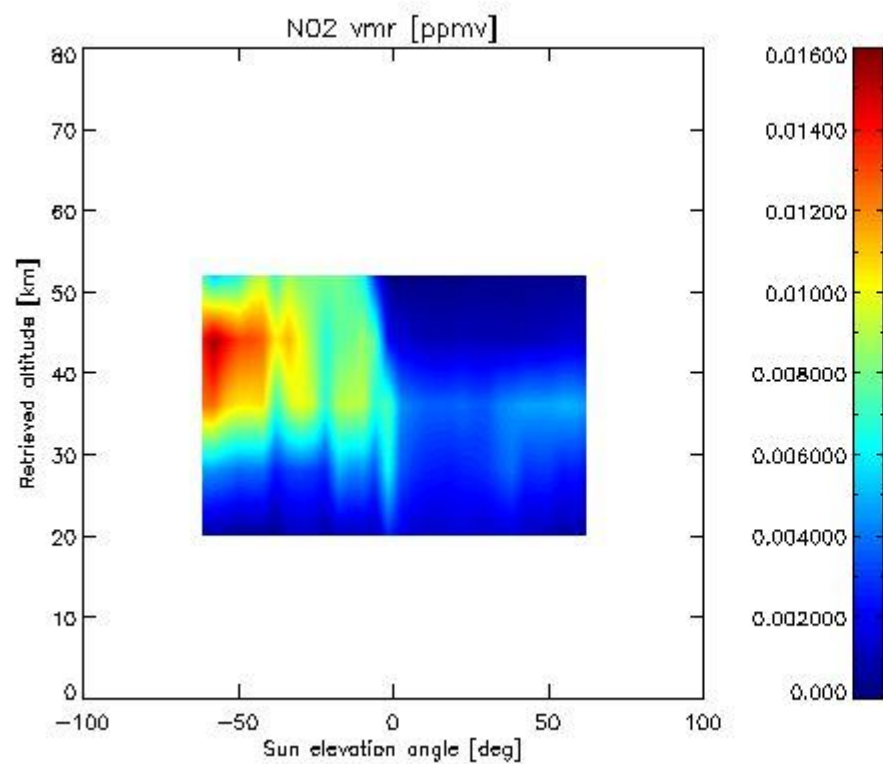
2.2.4.4 CH₄ overview This section shows values (left) and error (right) for CH₄ after binning individual sweep values over retrieved altitude and tangent latitude.



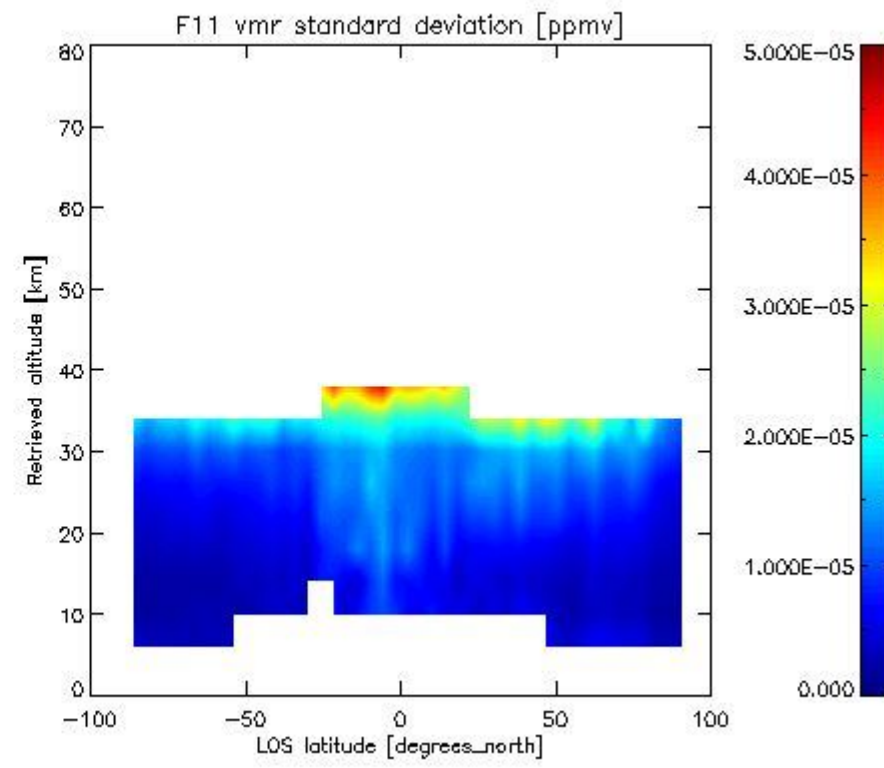
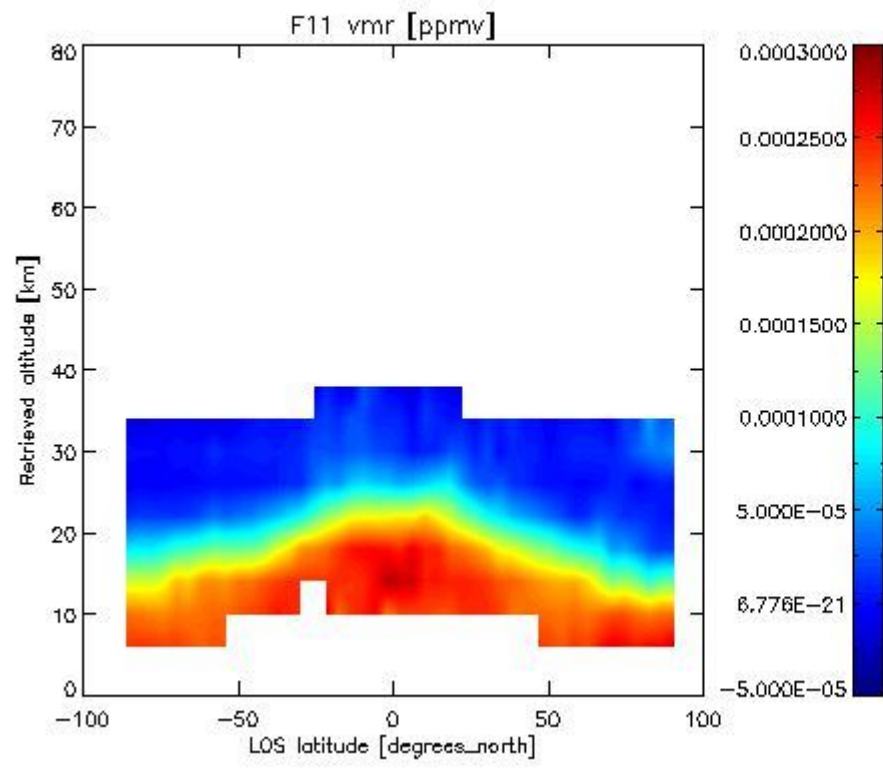
2.2.4.5 N₂O overview This section shows values (left) and error (right) for N₂O after binning individual sweep values over retrieved altitude and tangent latitude.



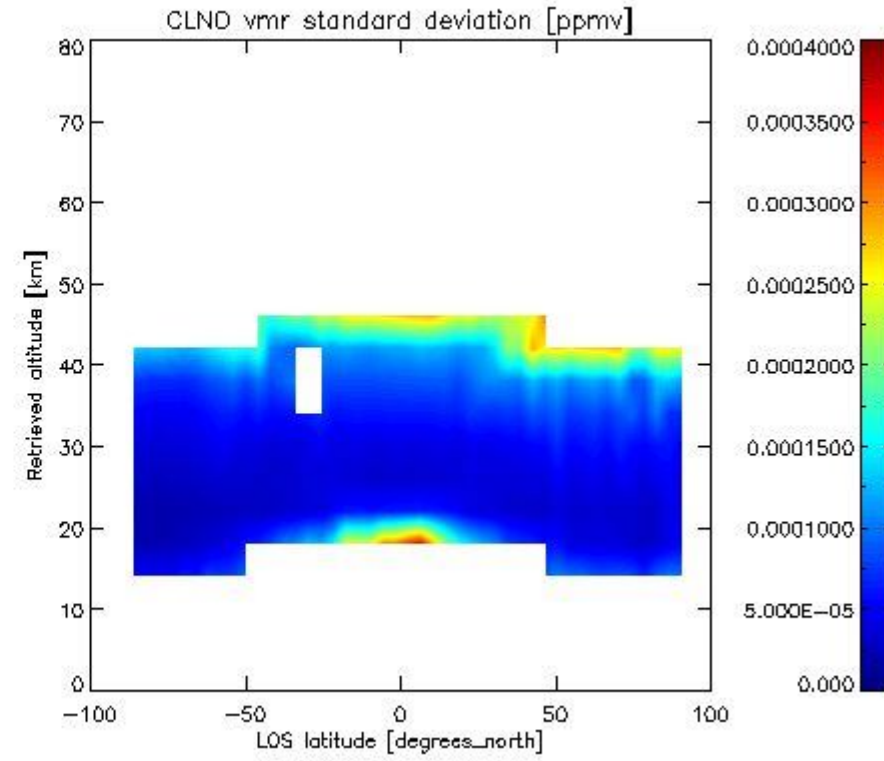
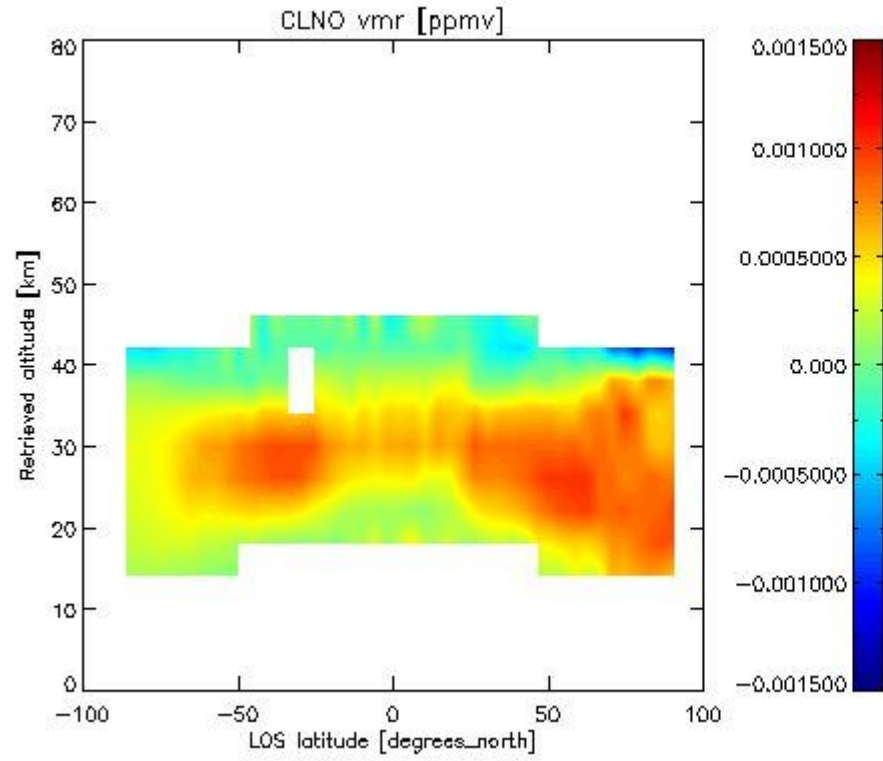
2.2.4.6 NO₂ overview This section shows values (left) and error (right) for NO₂ after binning individual sweep values over retrieved altitude and Sun Elevation Angle. Note that for NO₂ the bin heights are 6 km.

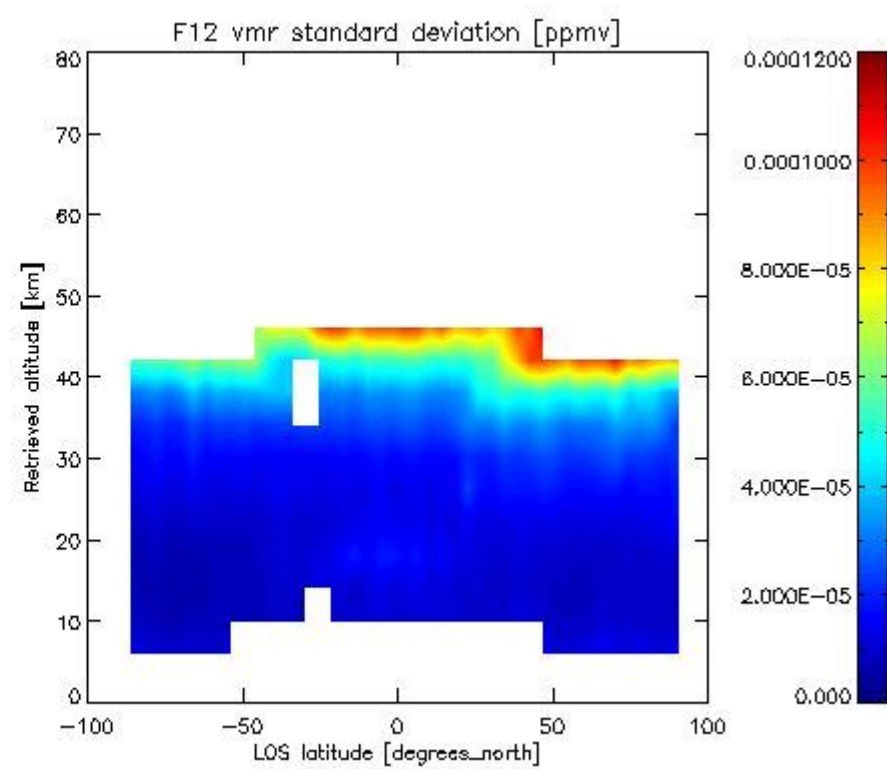
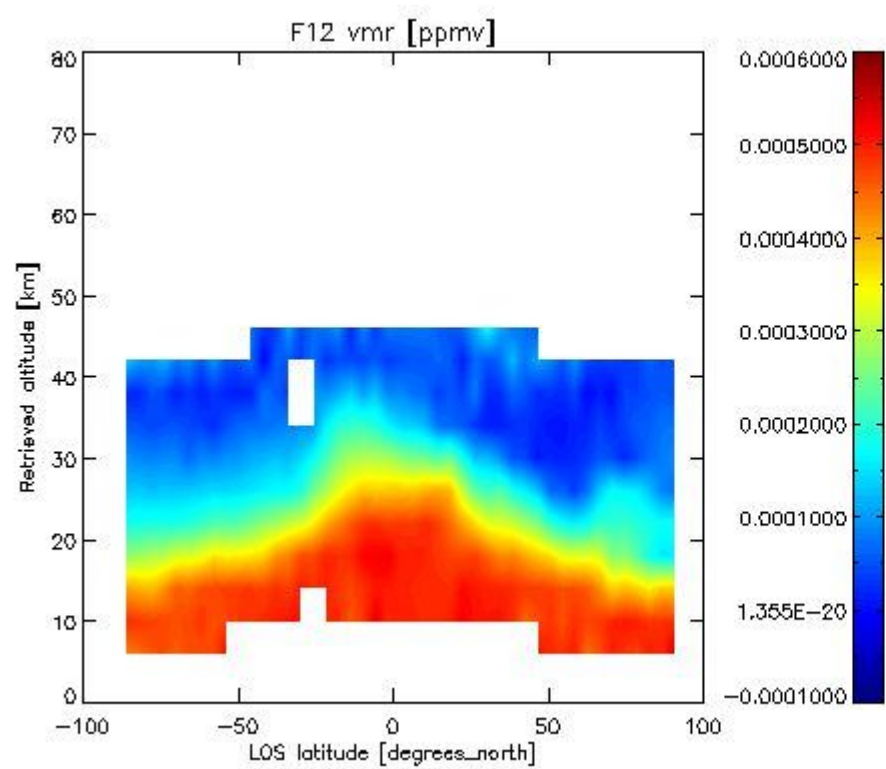
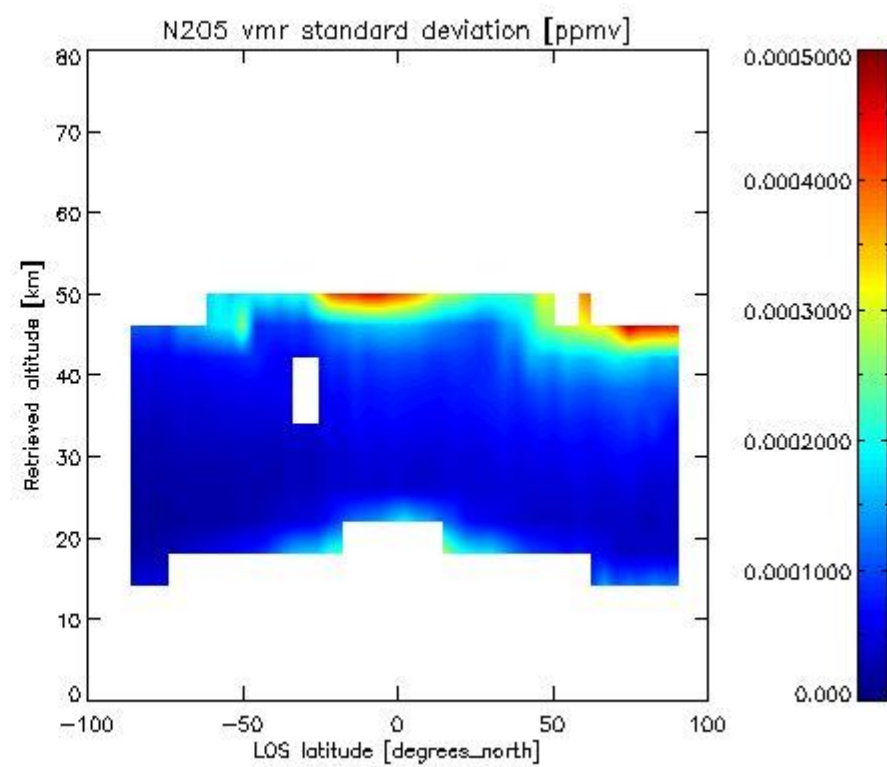
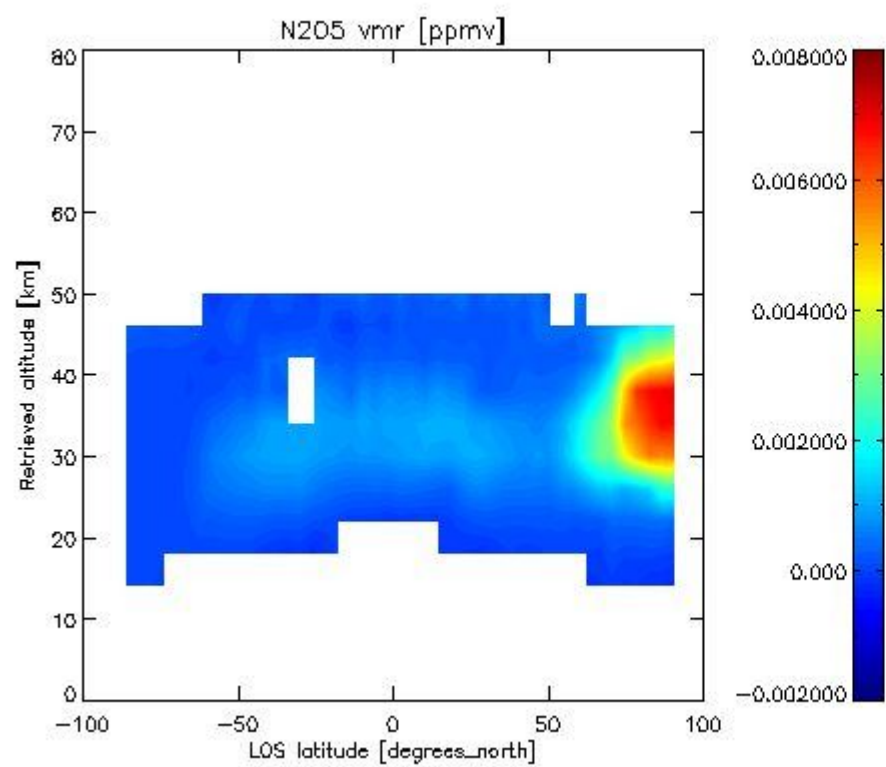


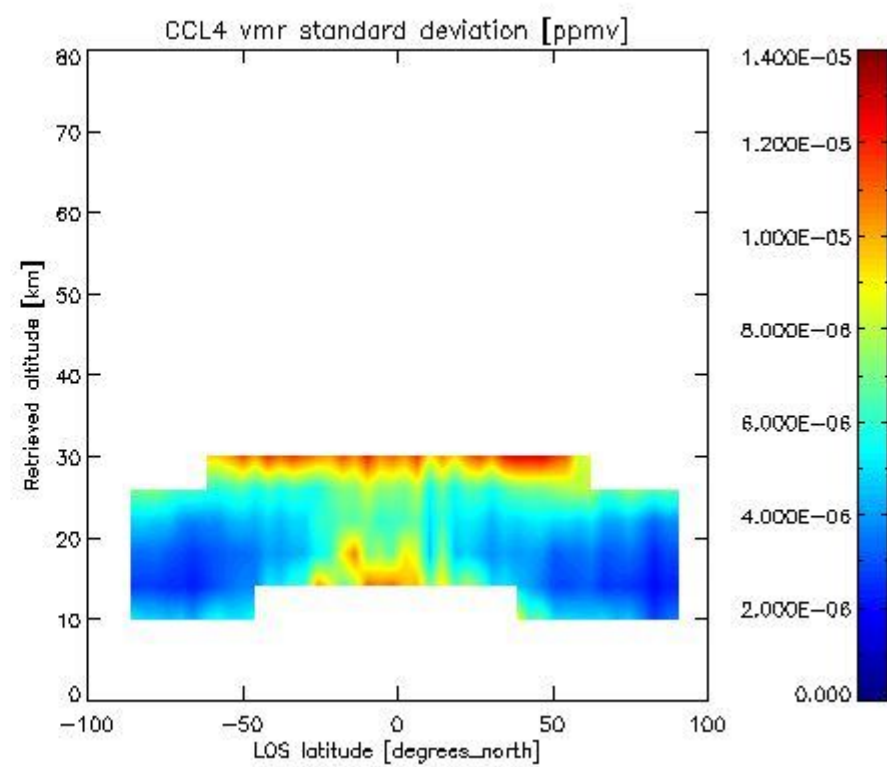
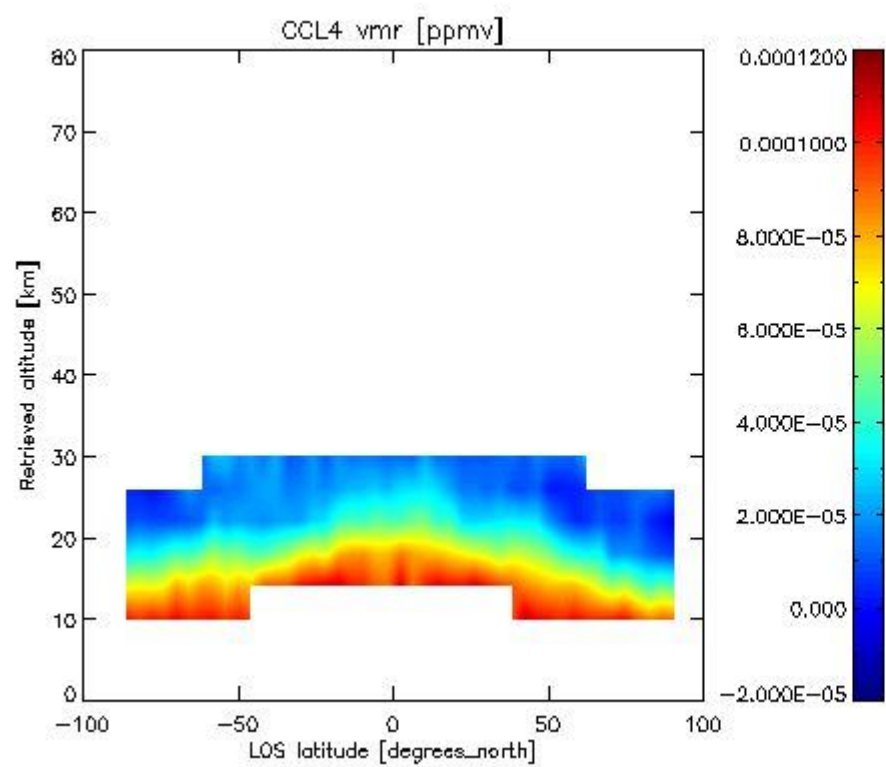
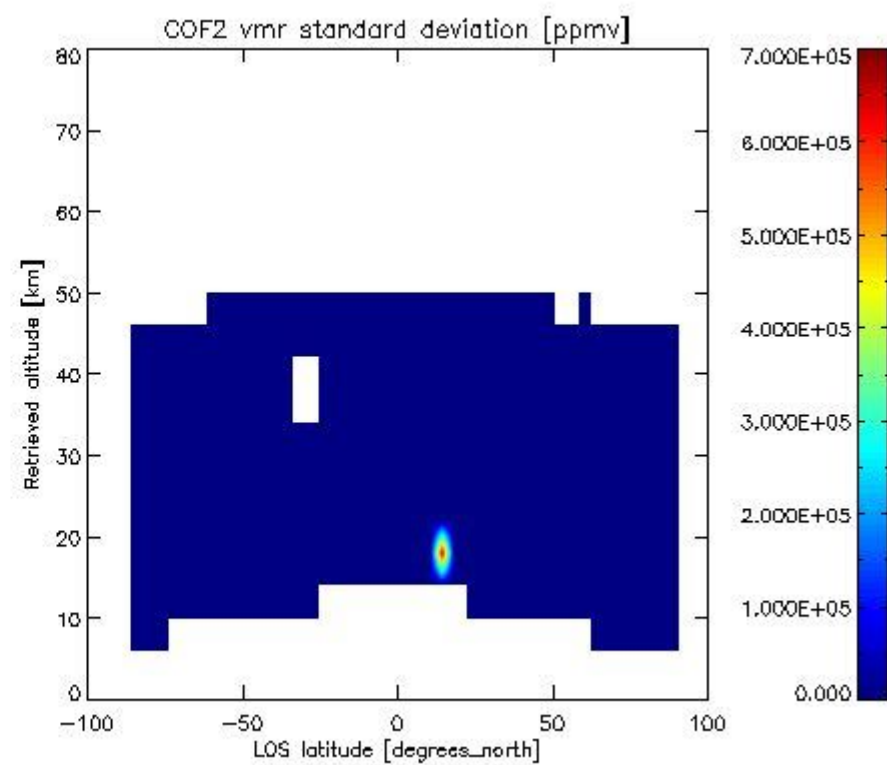
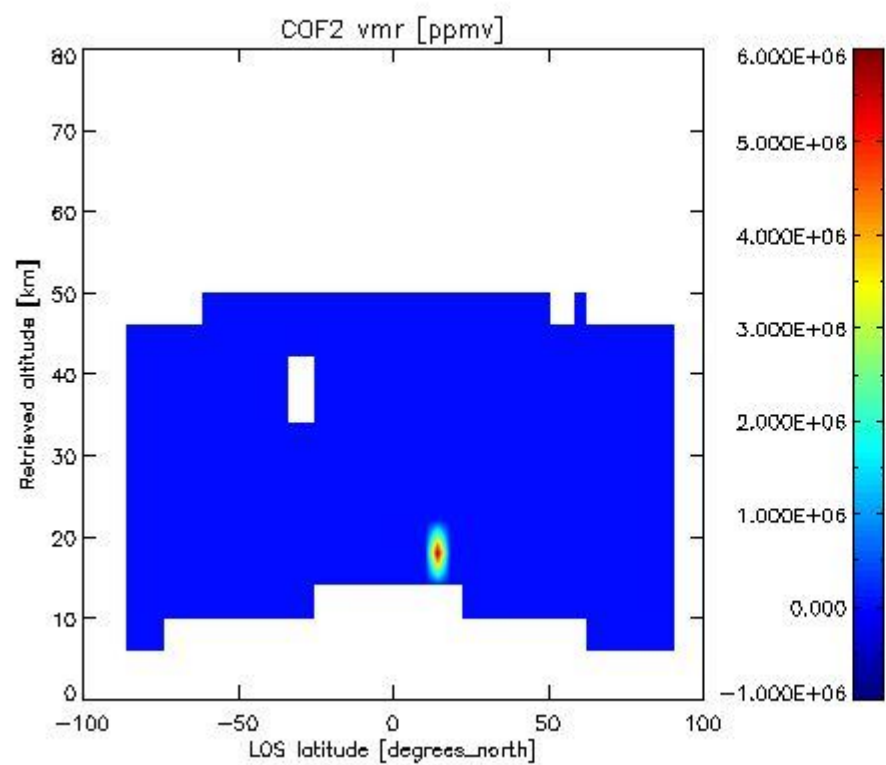
2.2.4.7 F11 overview This section shows values (left) and error (right) for F11 after binning individual sweep values over retrieved altitude and tangent latitude.

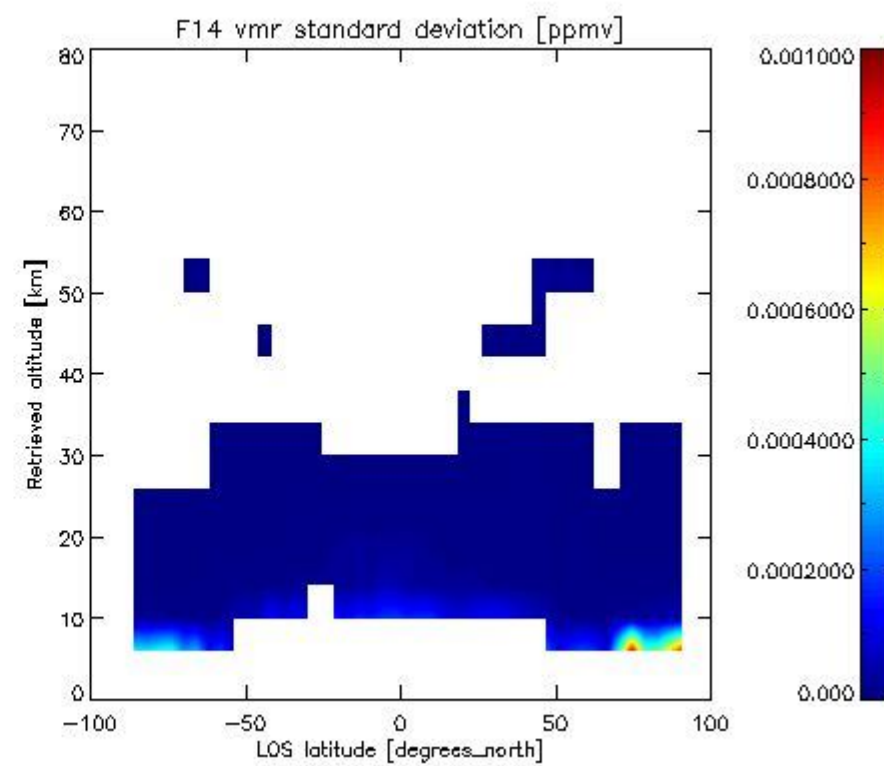
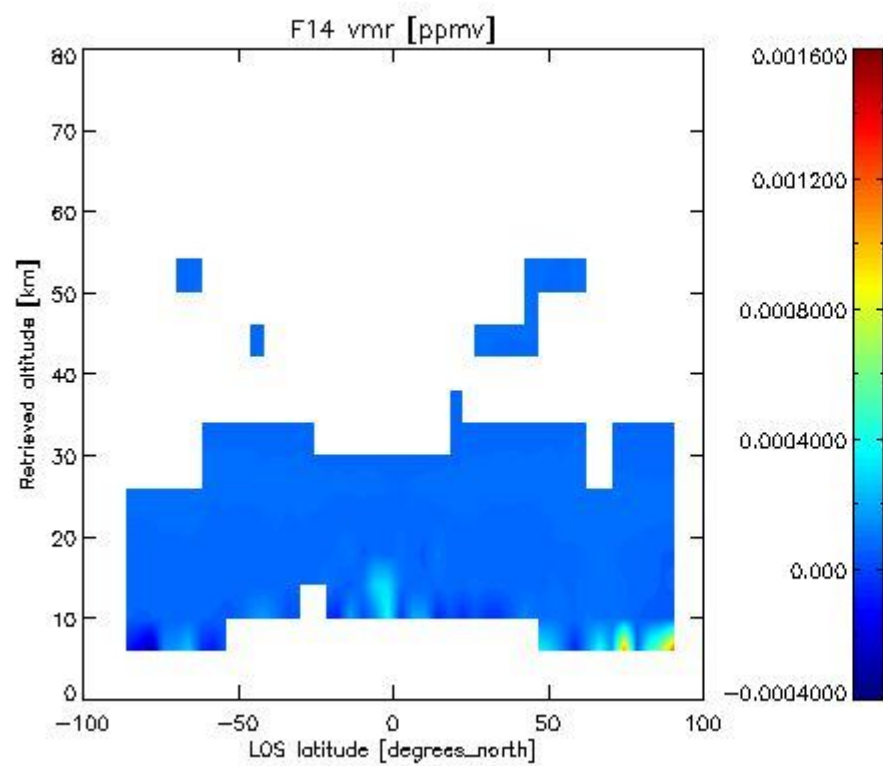
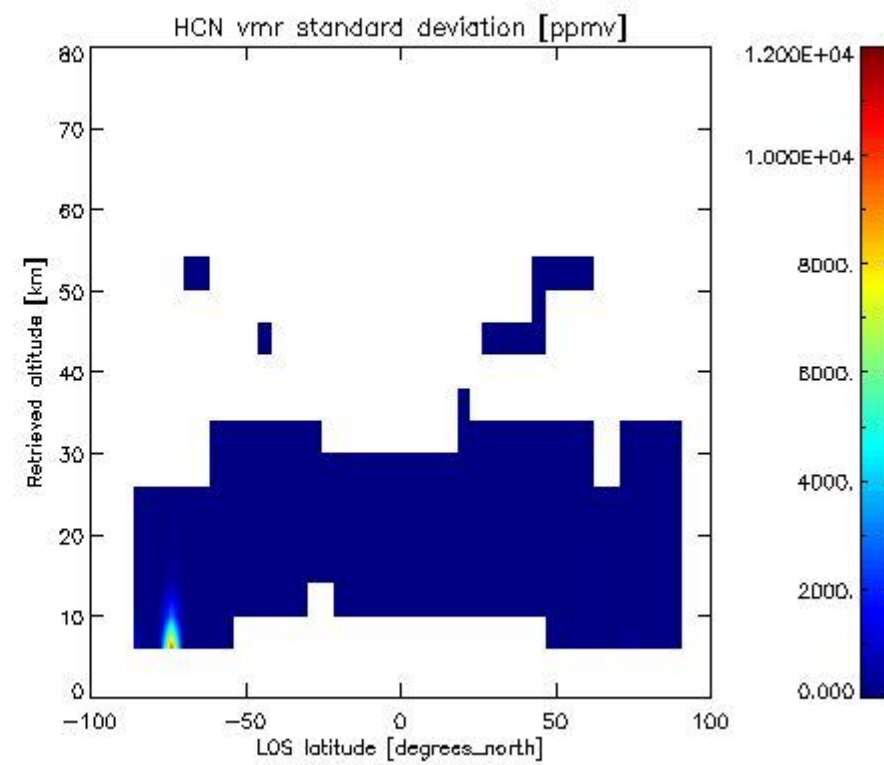
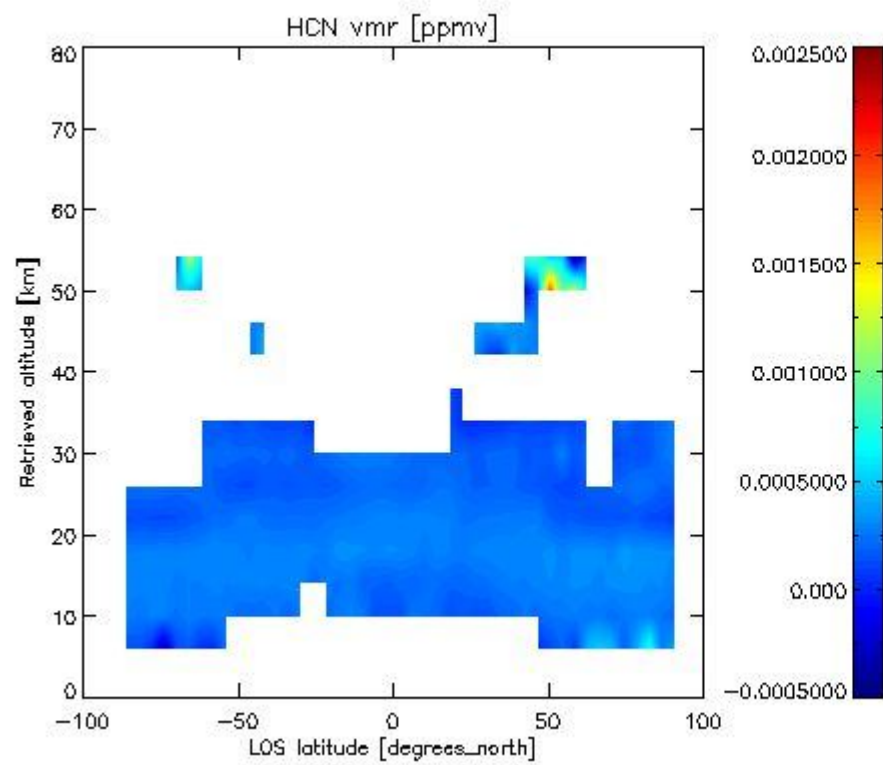


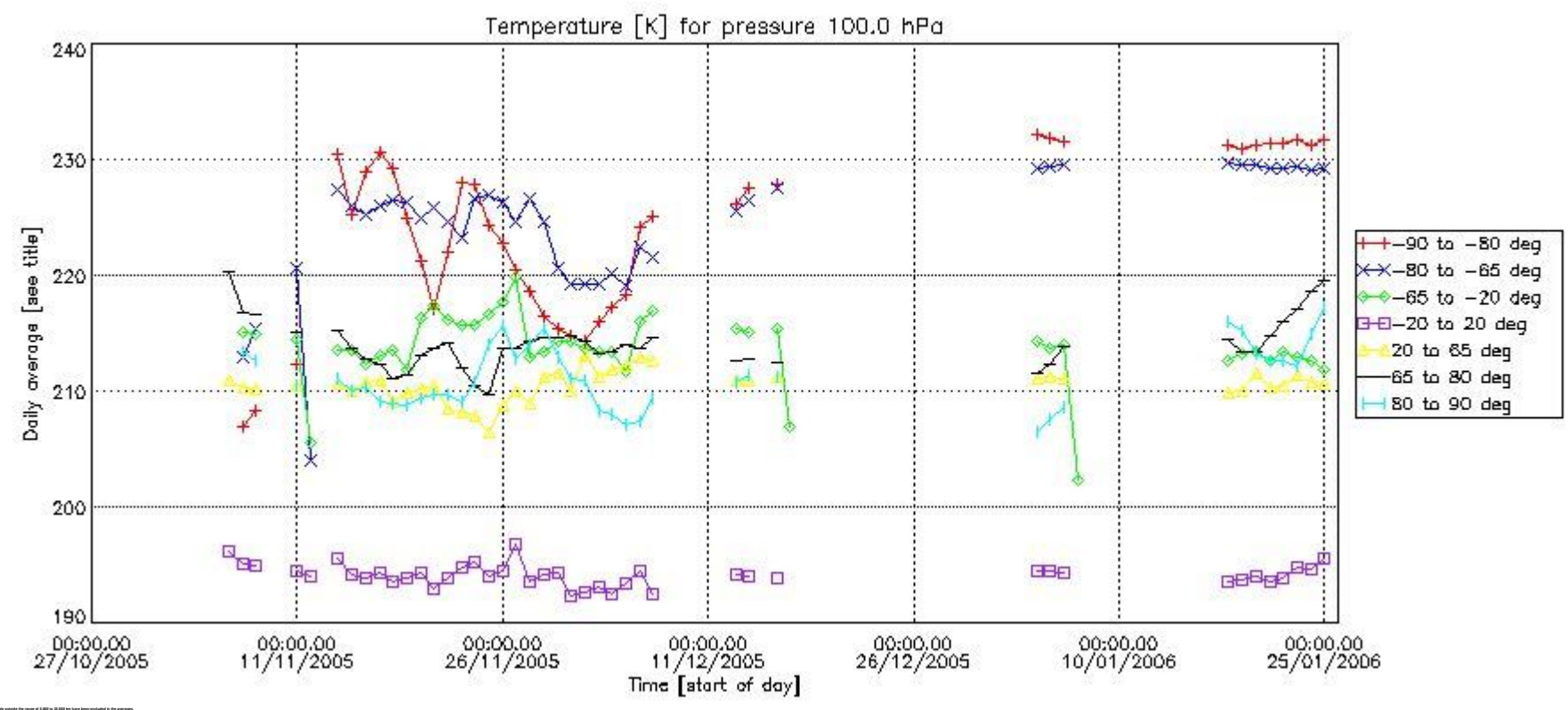
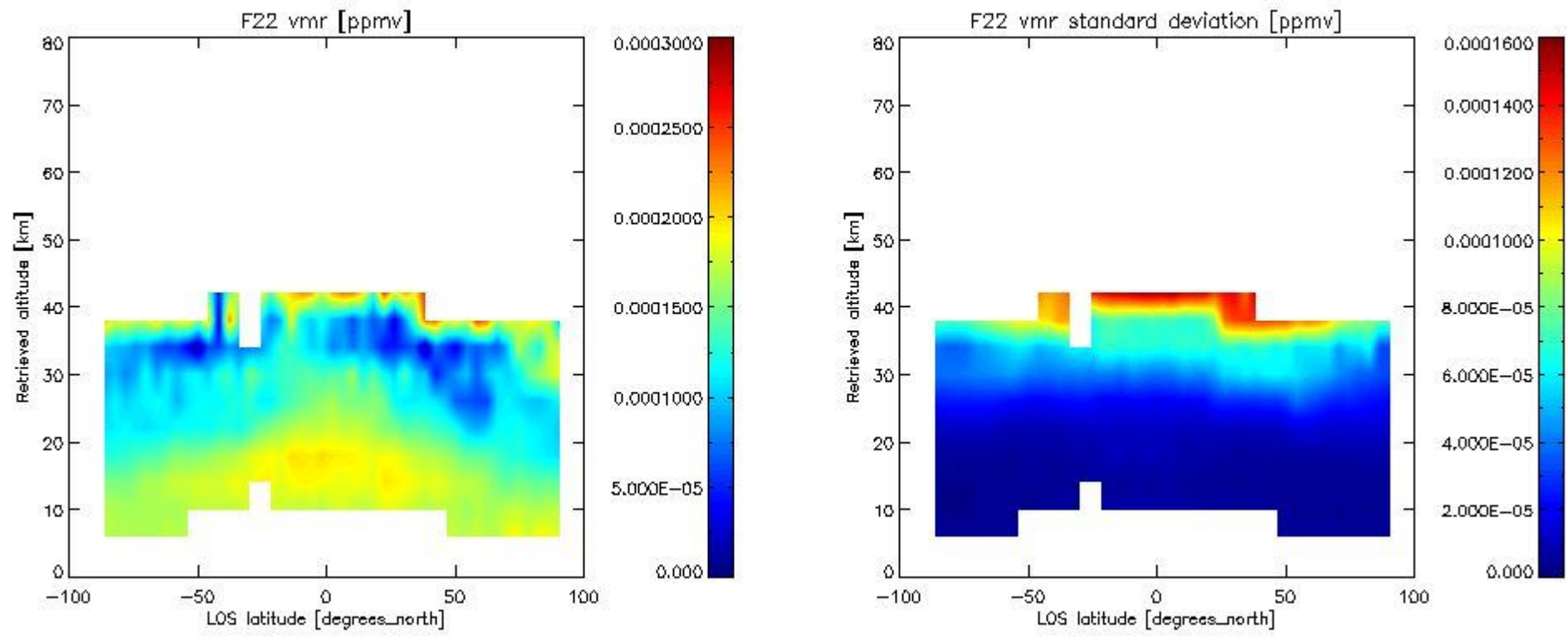
2.3.4.4 CLNO vmr: This section shows values (left) and error (right) for CLNO after binning individual vmr values over retrieved altitude and target latitude.

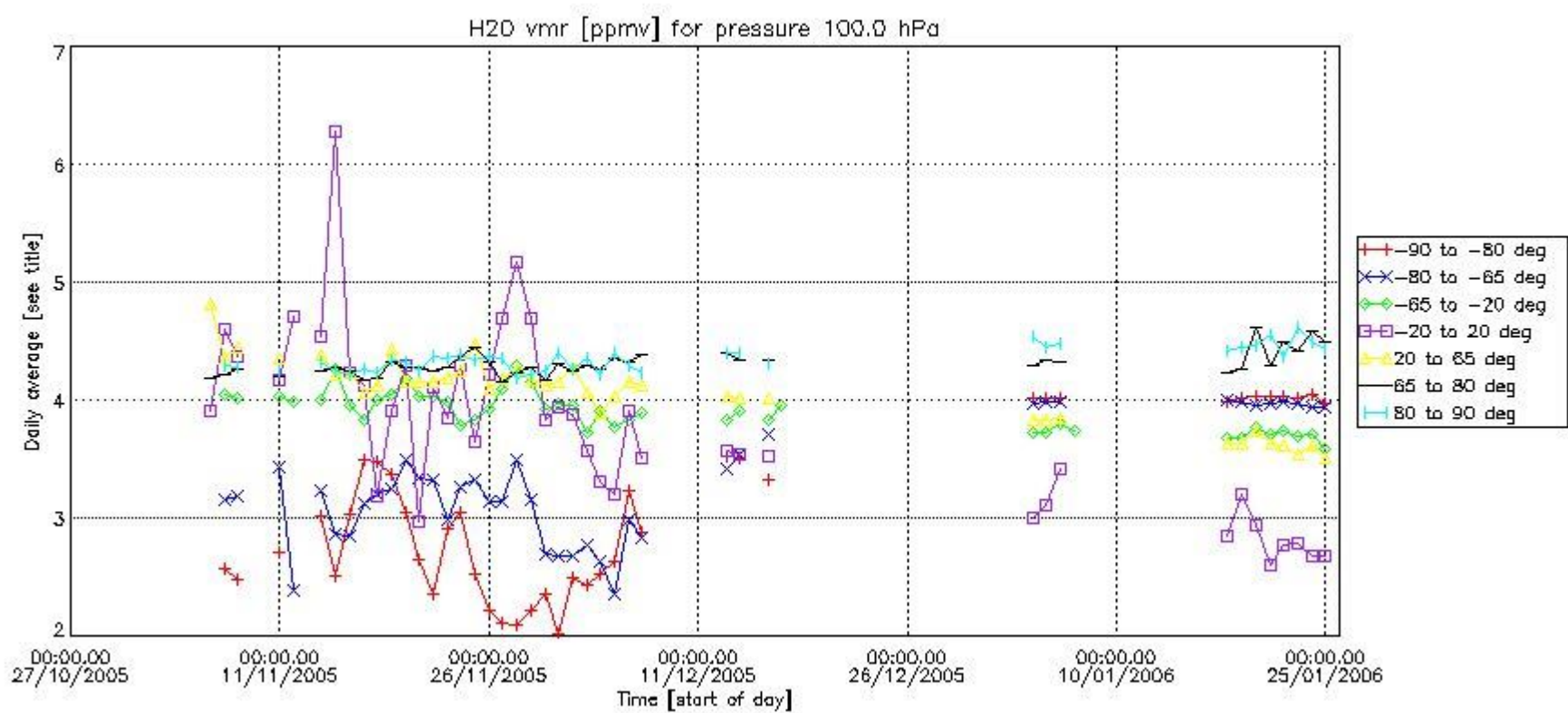
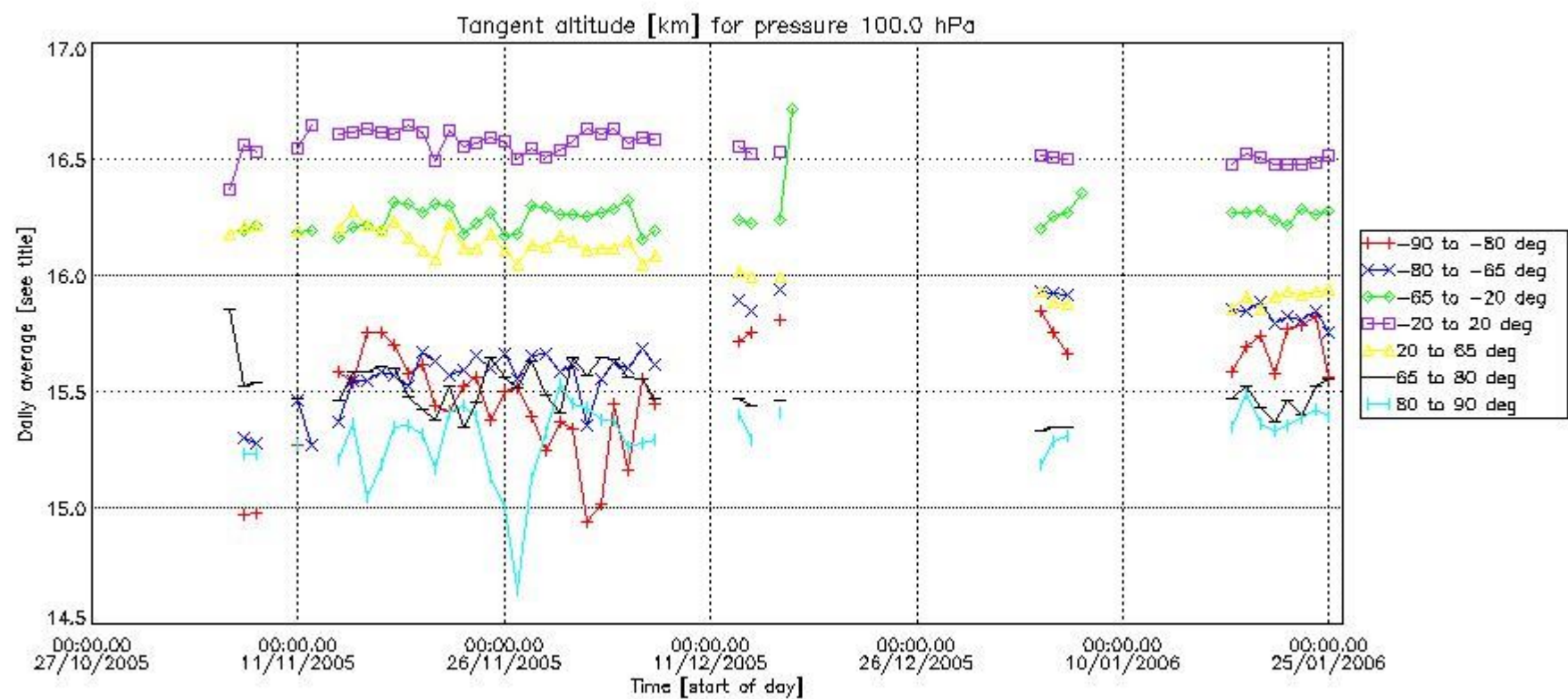


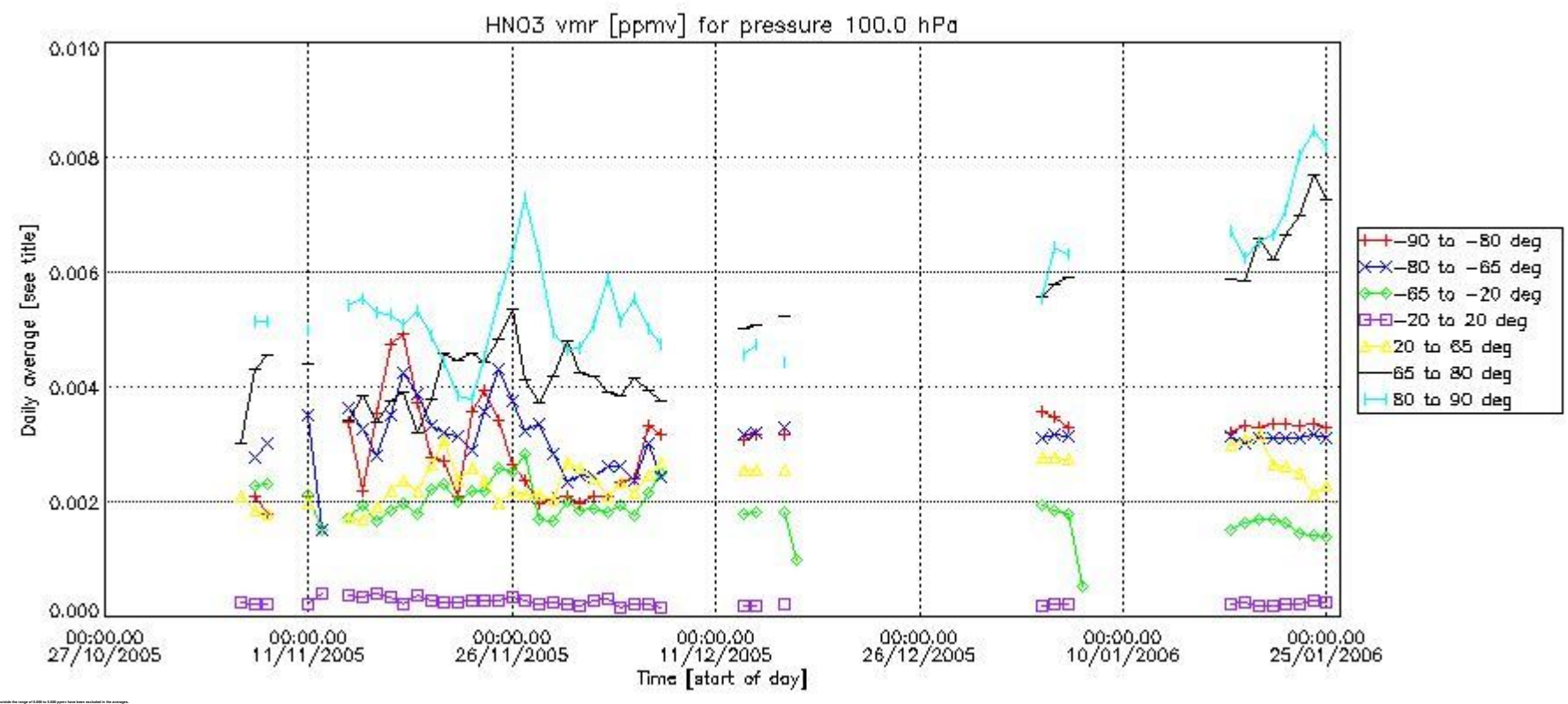
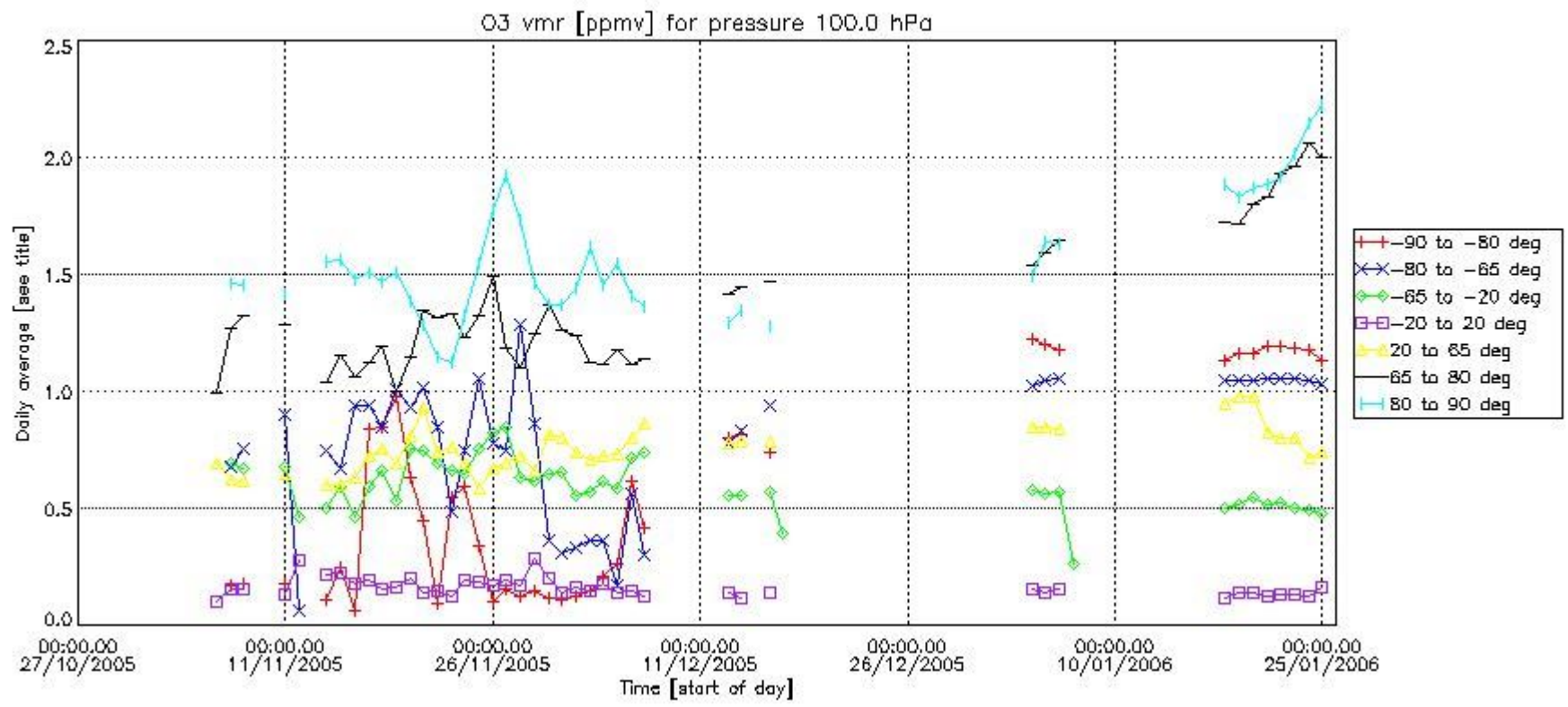


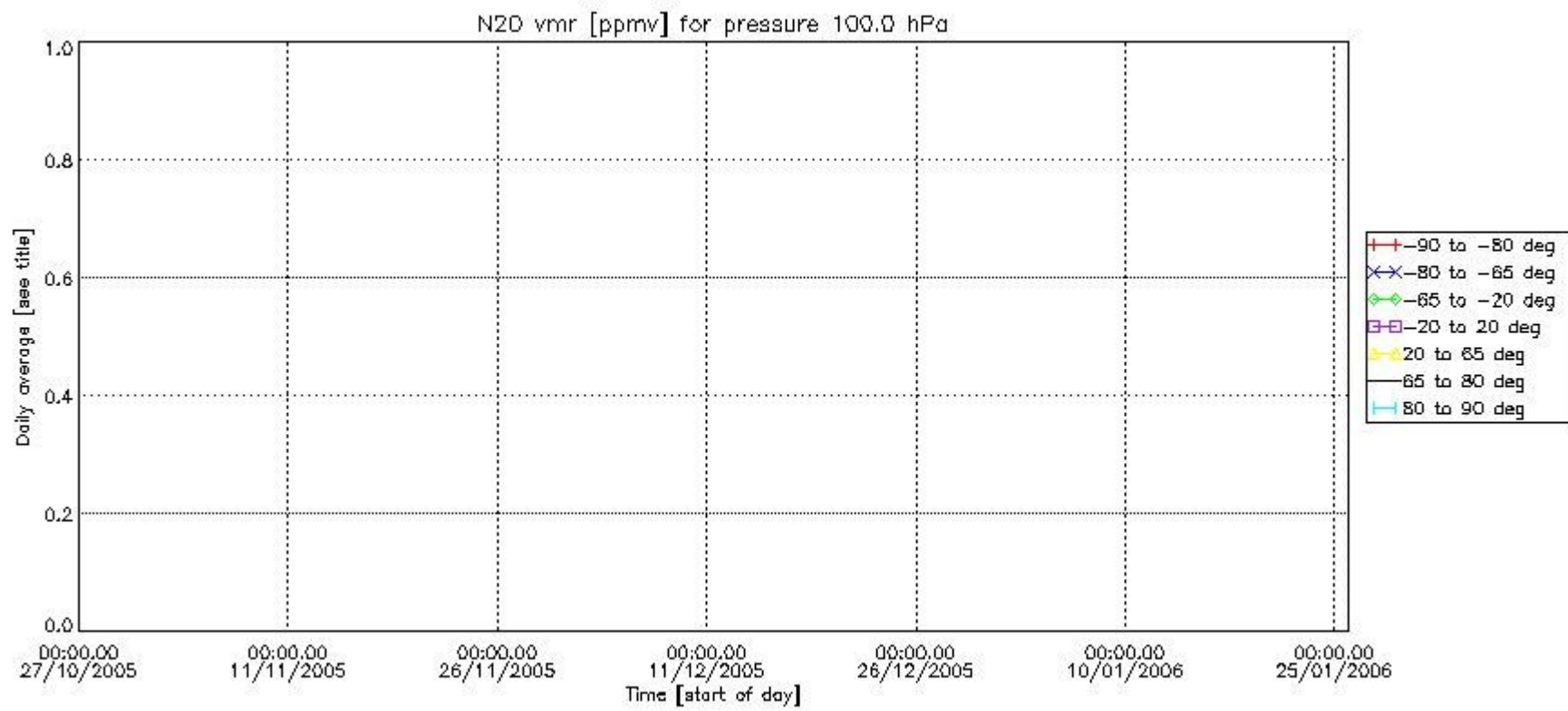
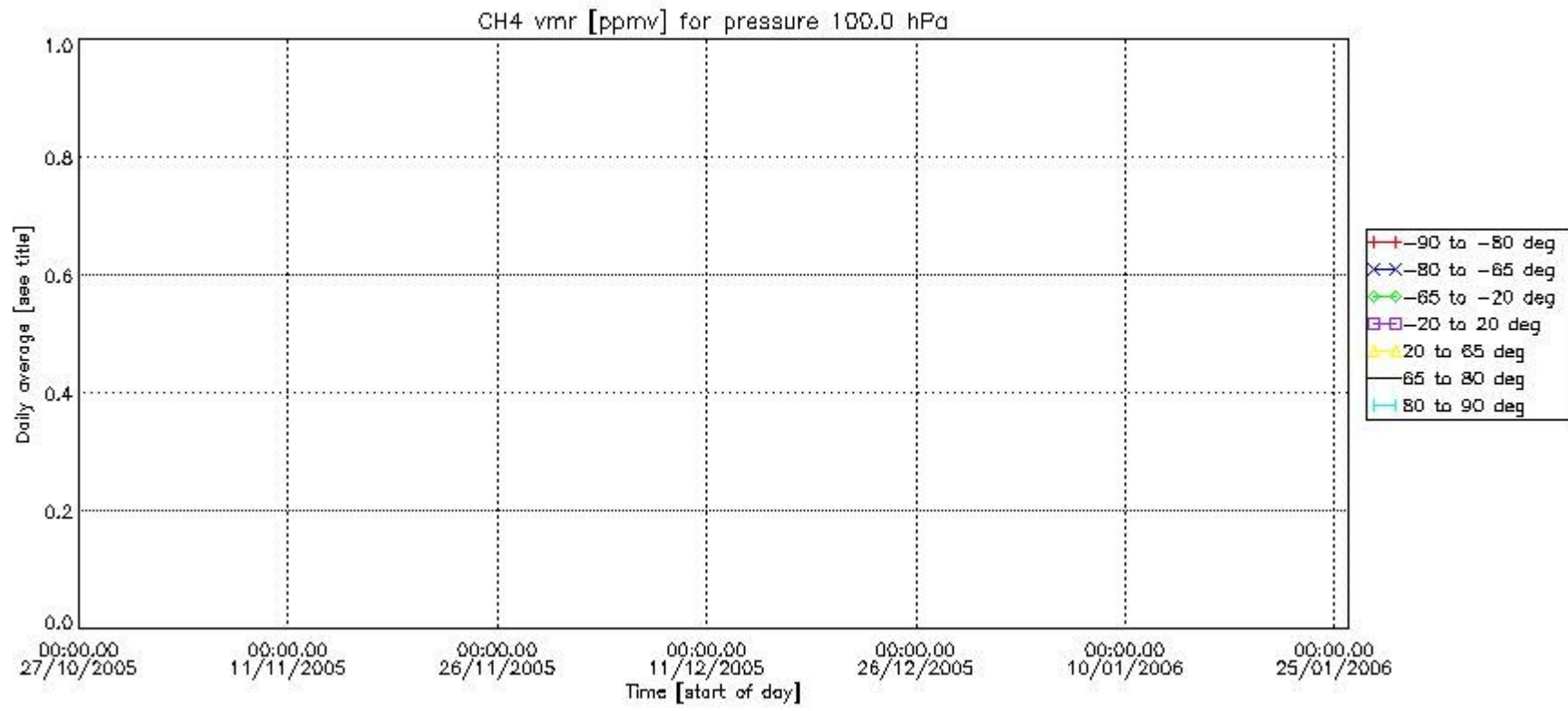


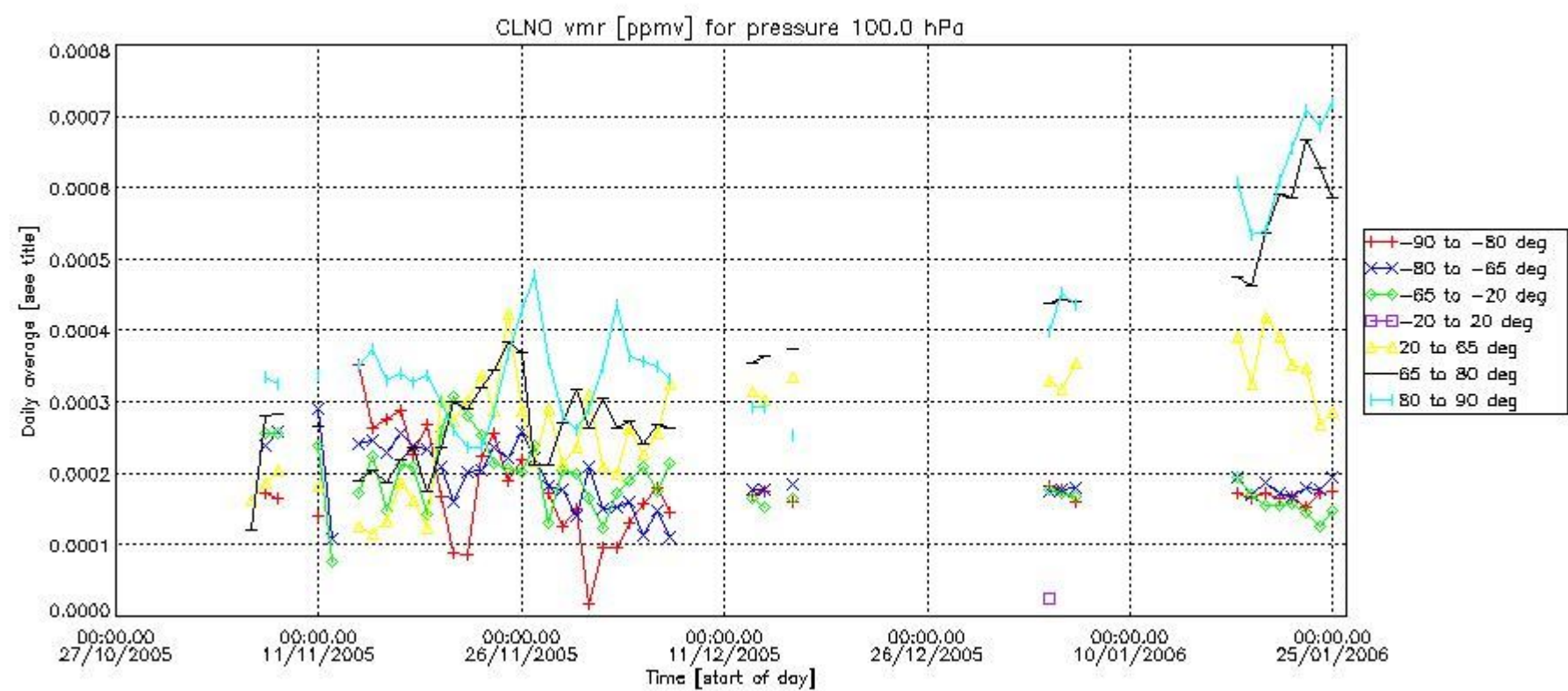
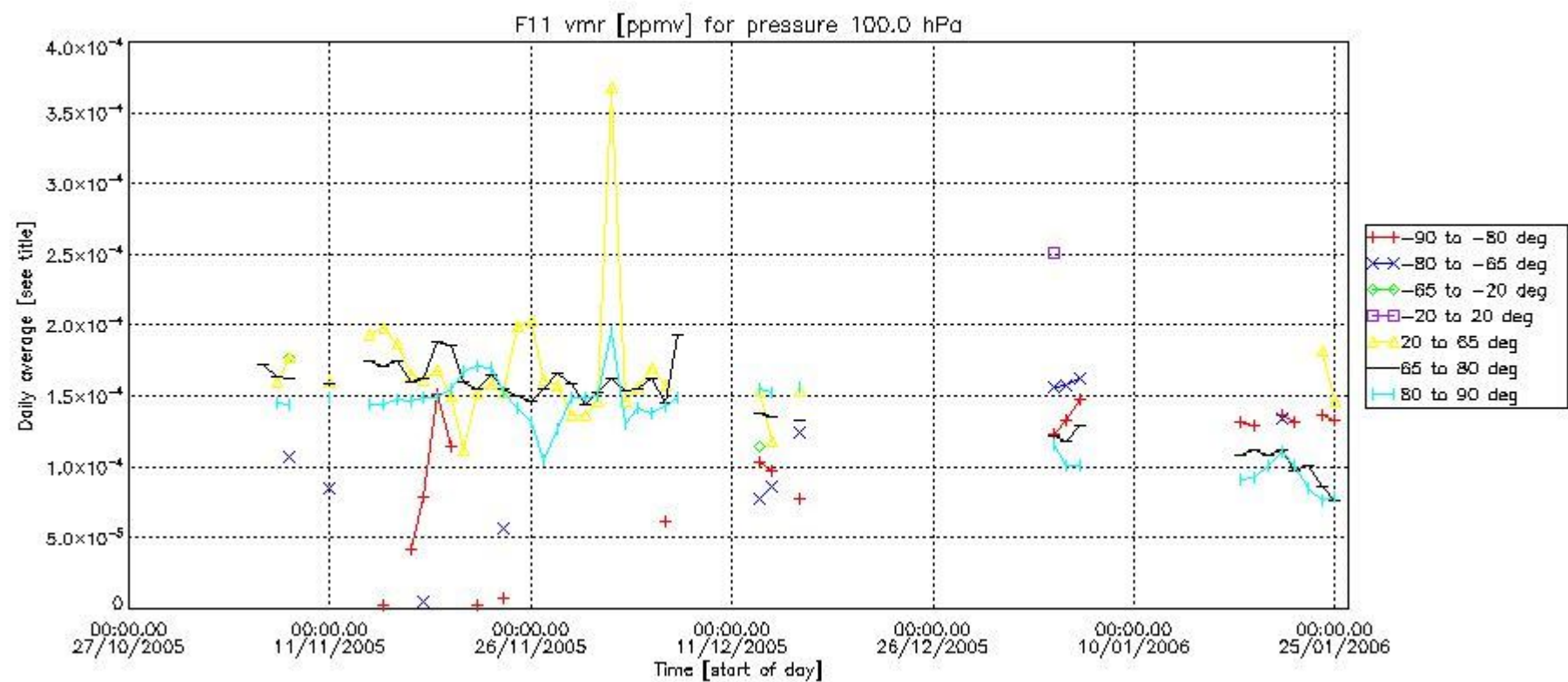


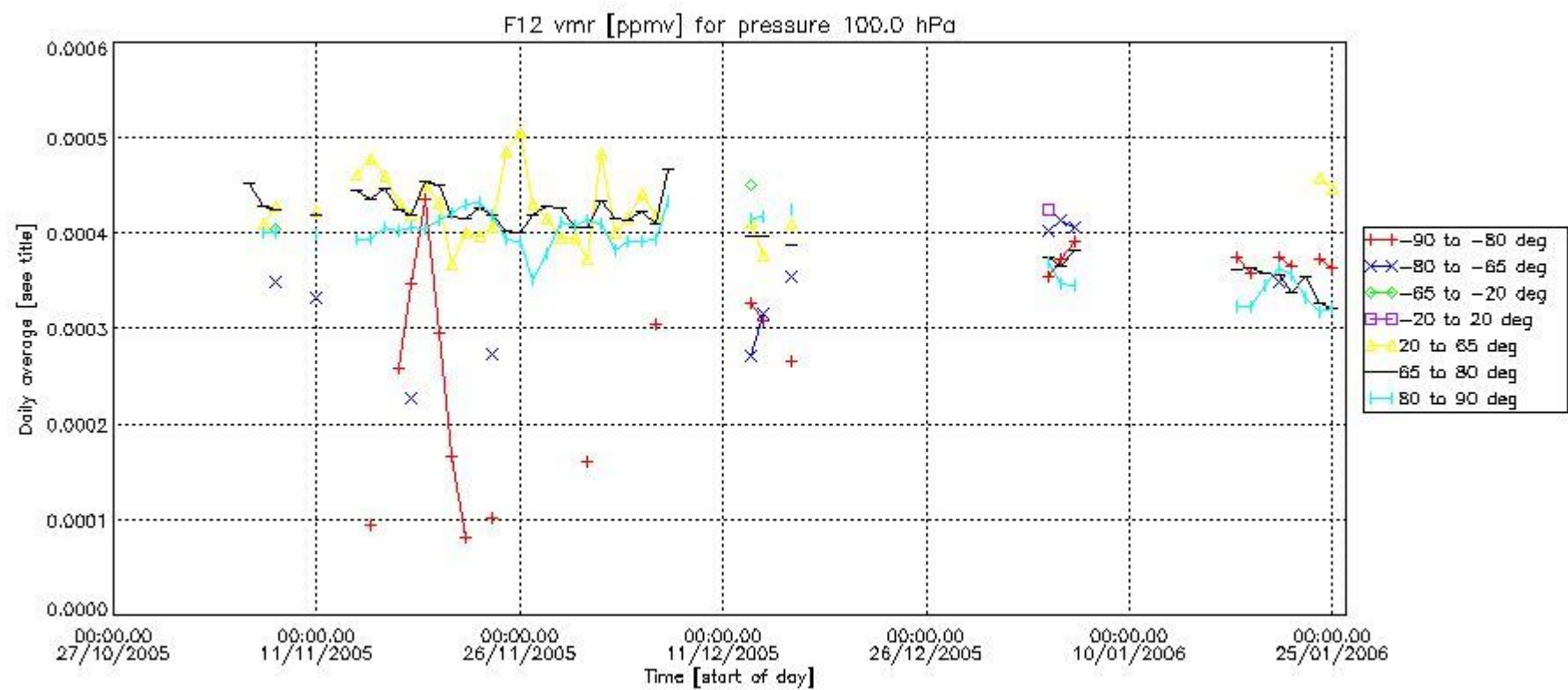
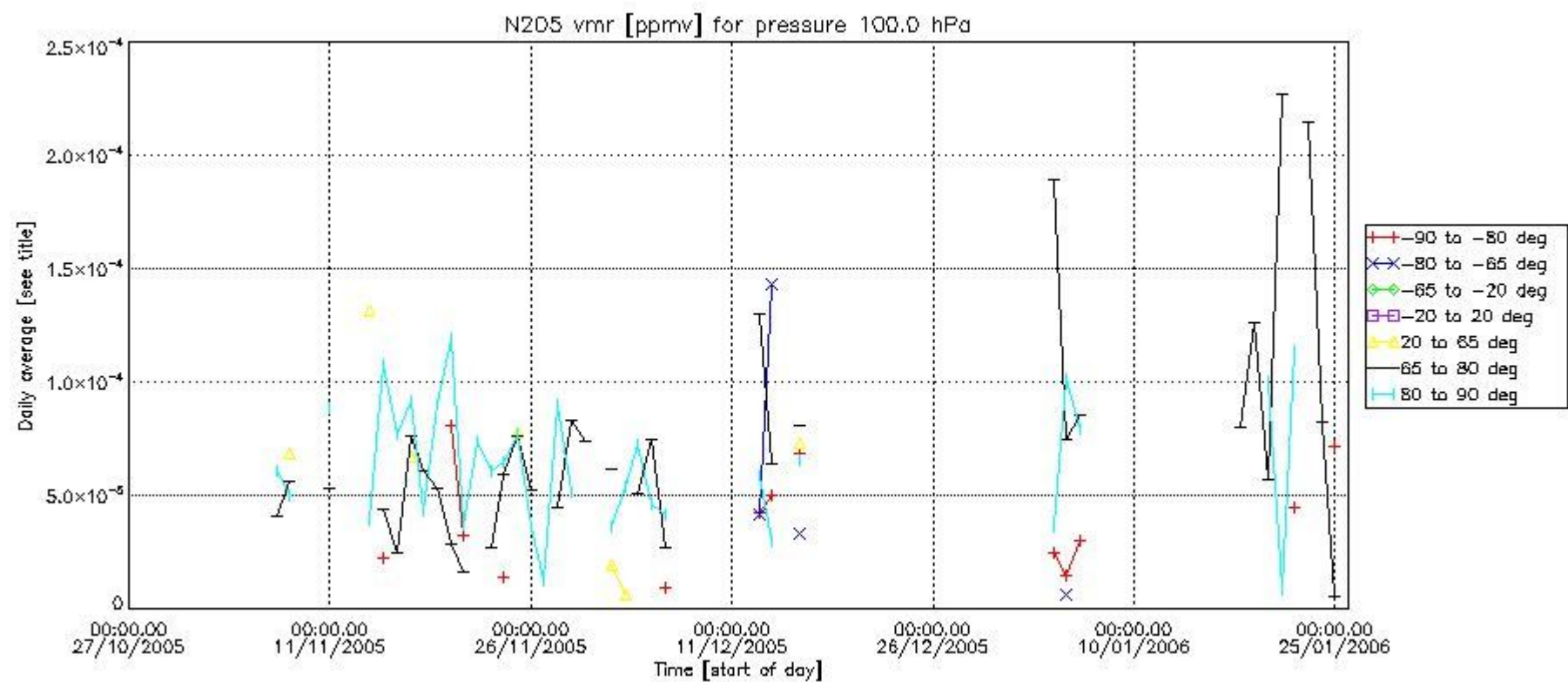


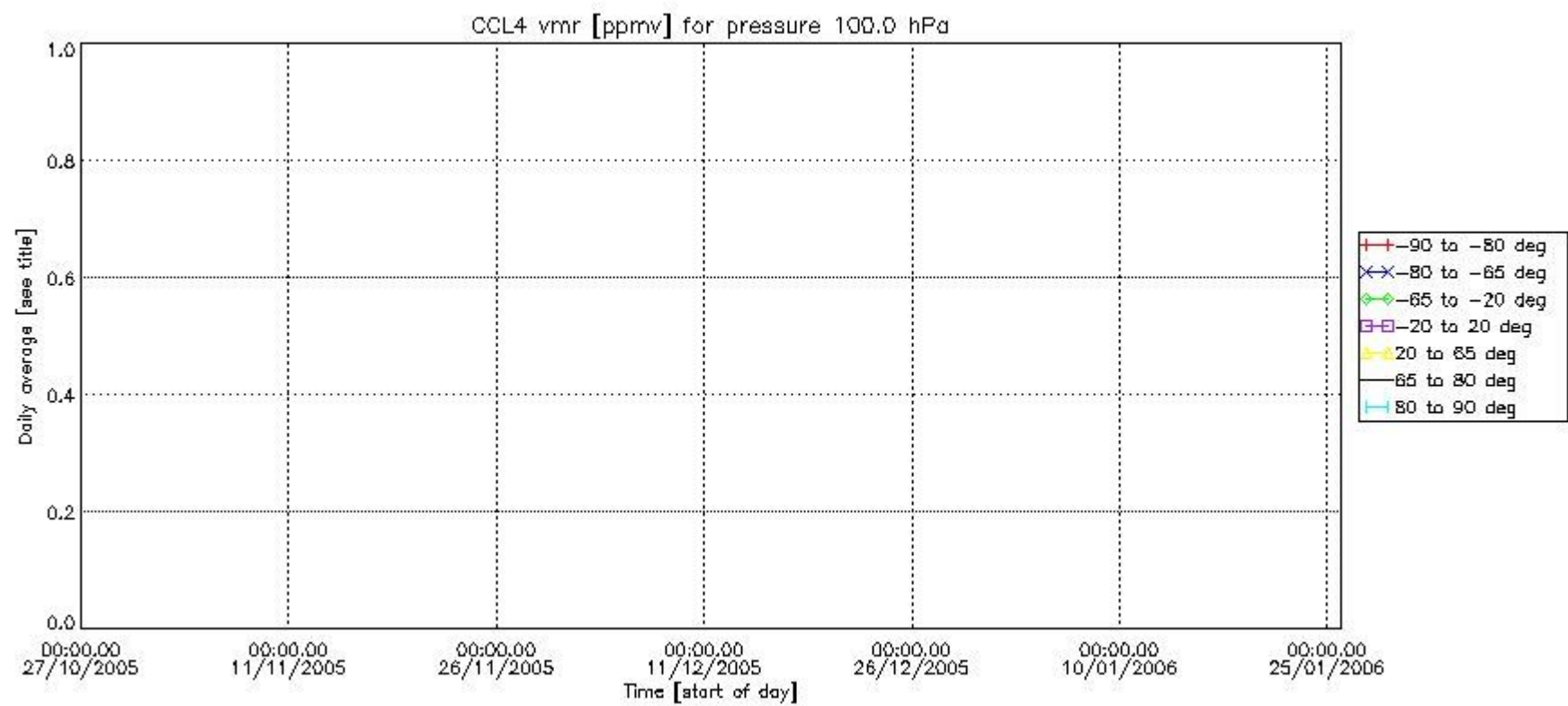
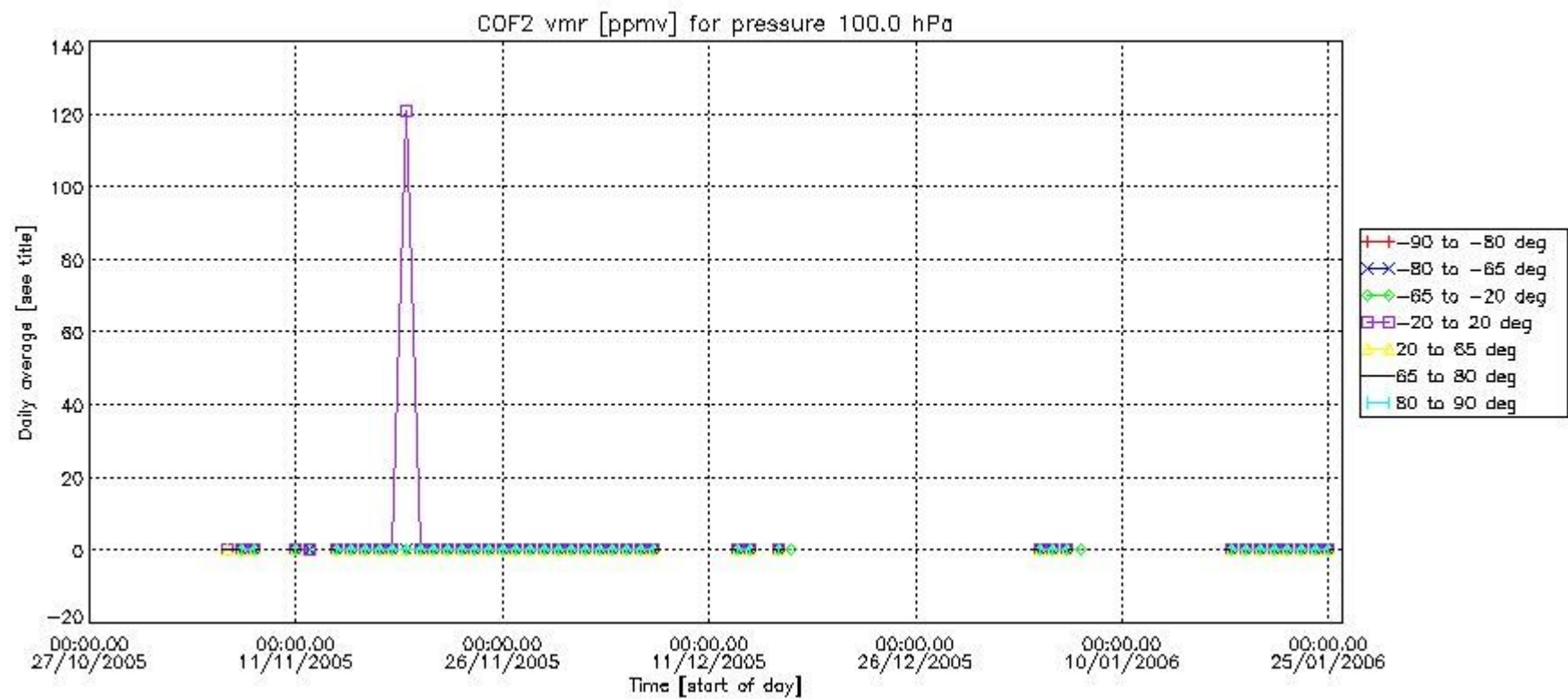


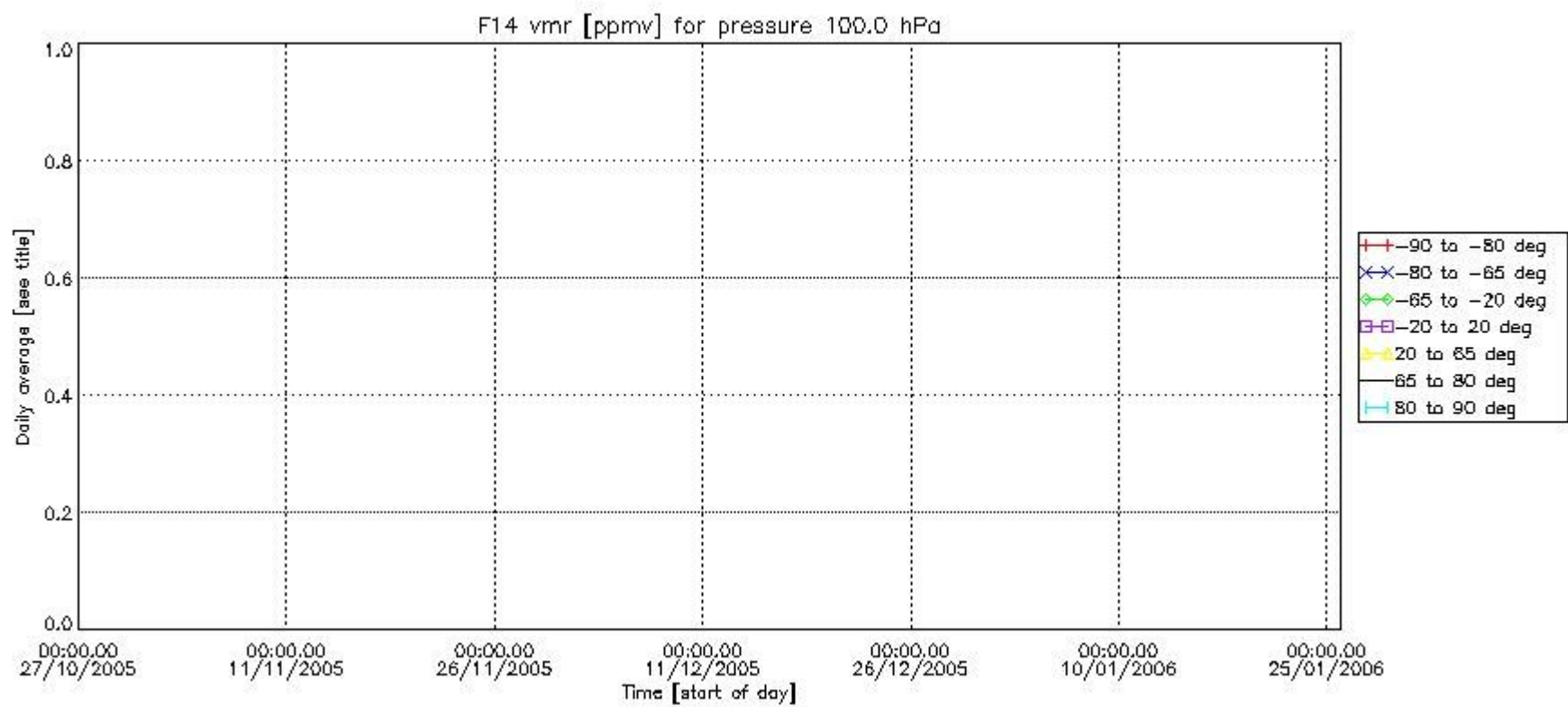
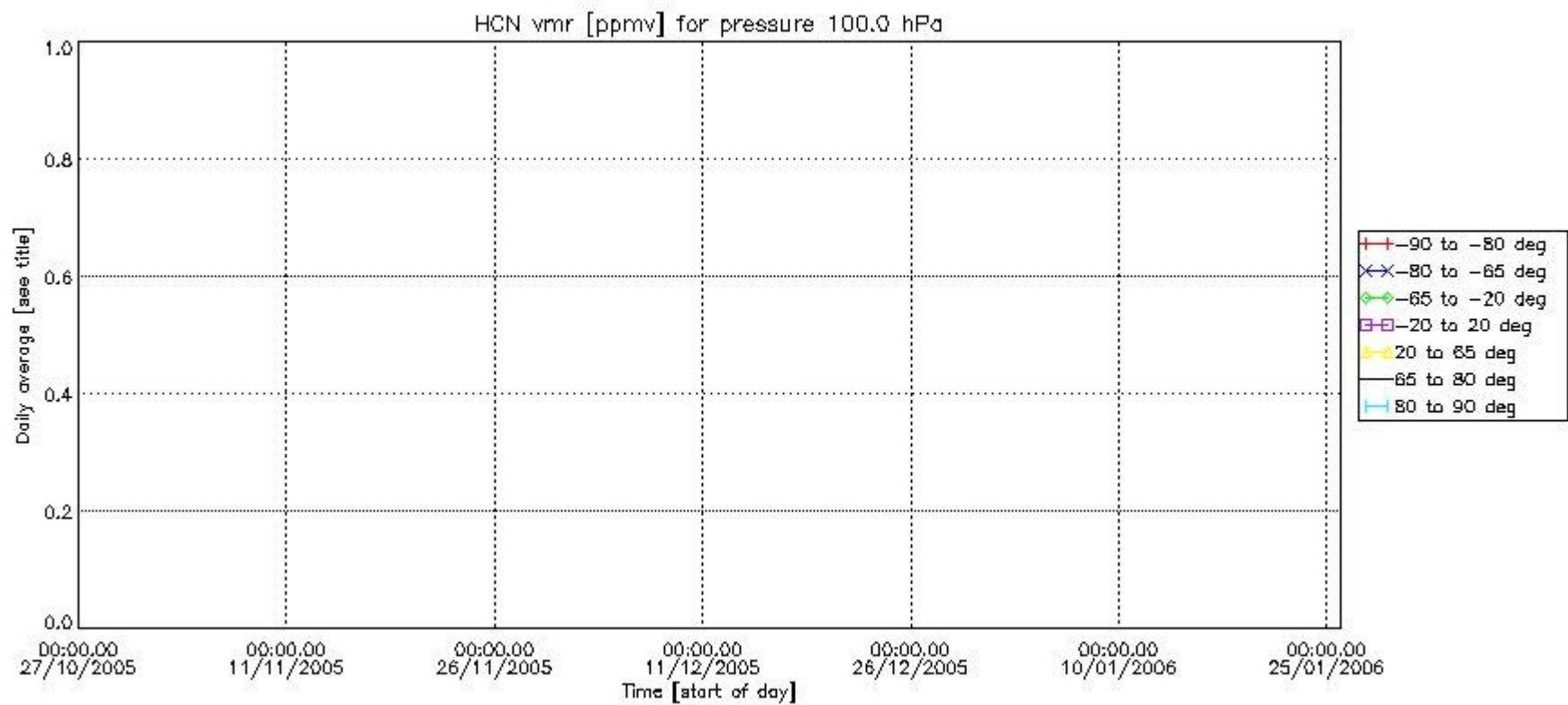


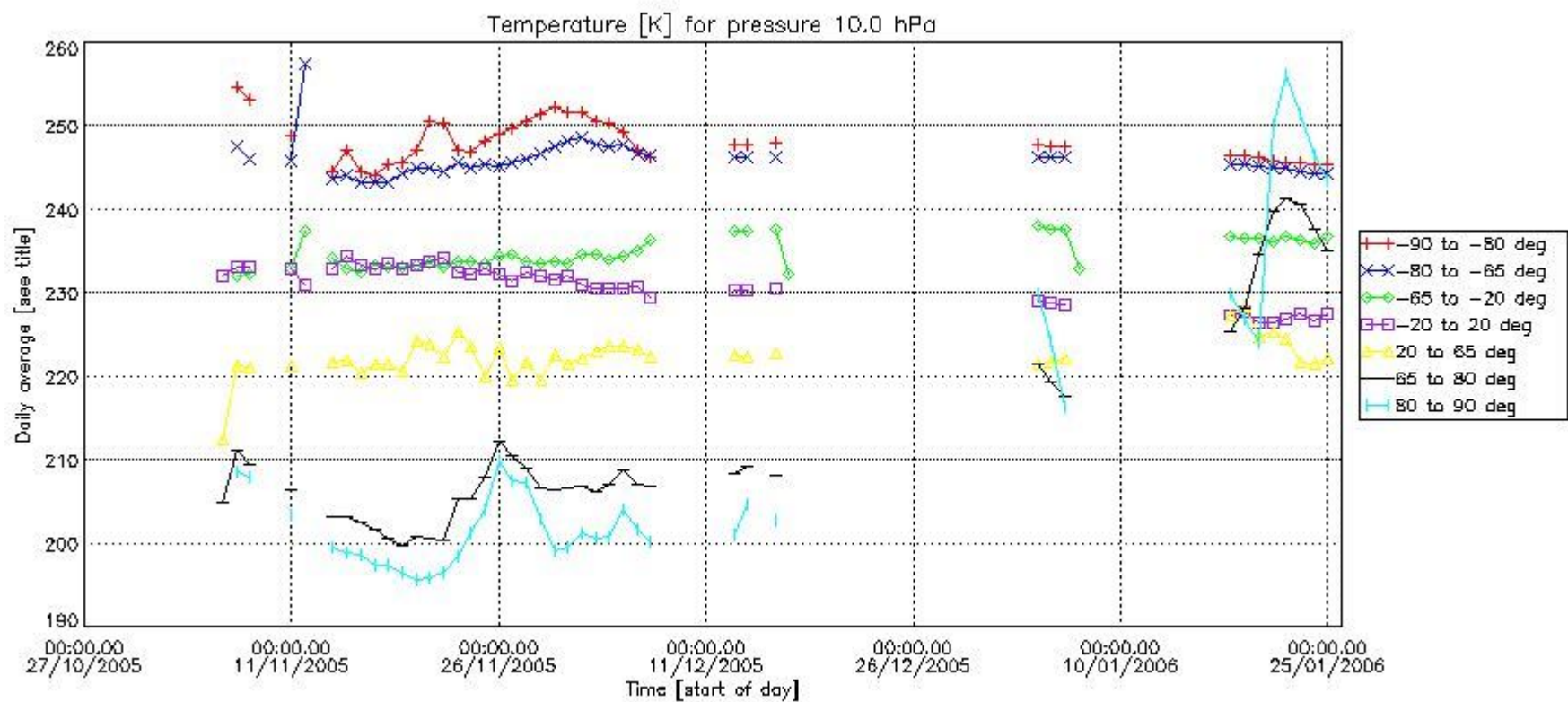
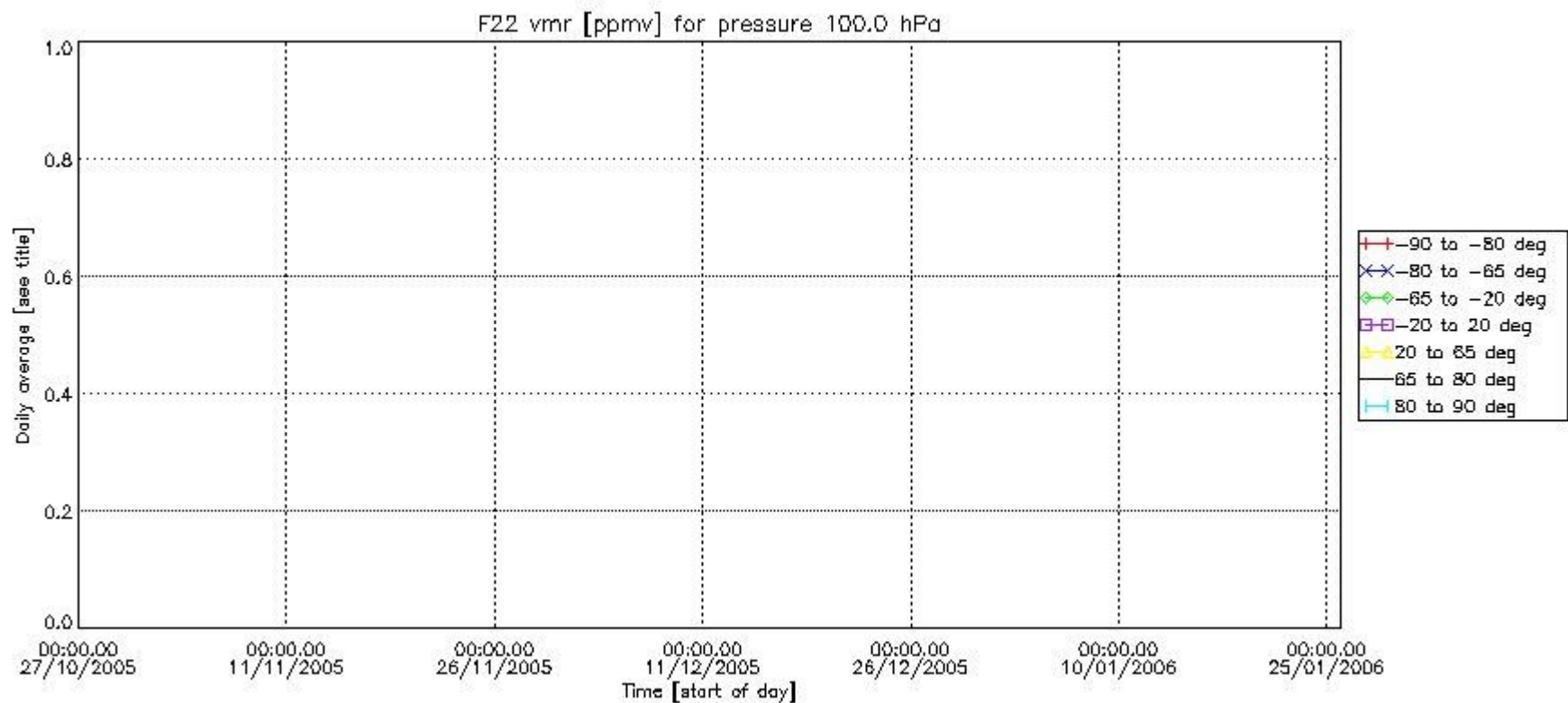


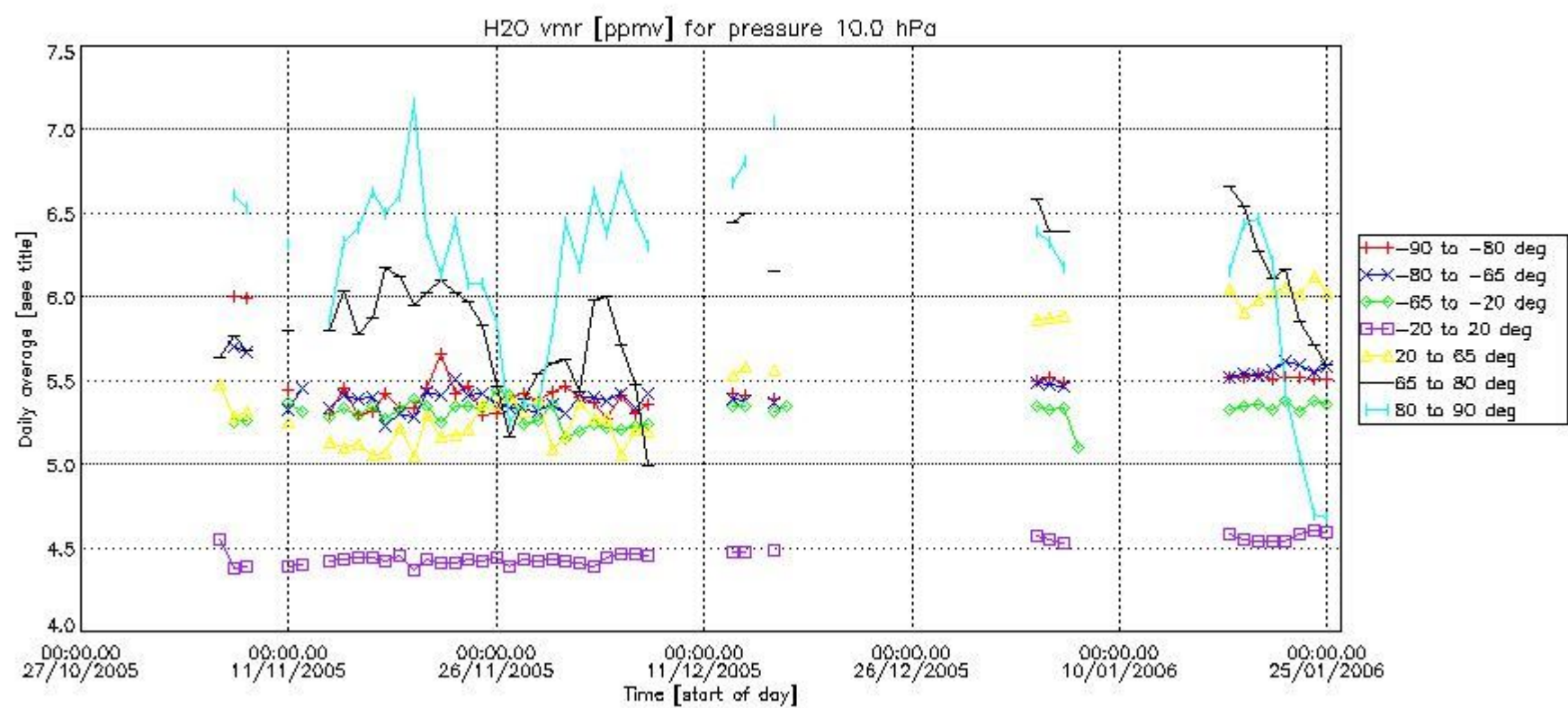
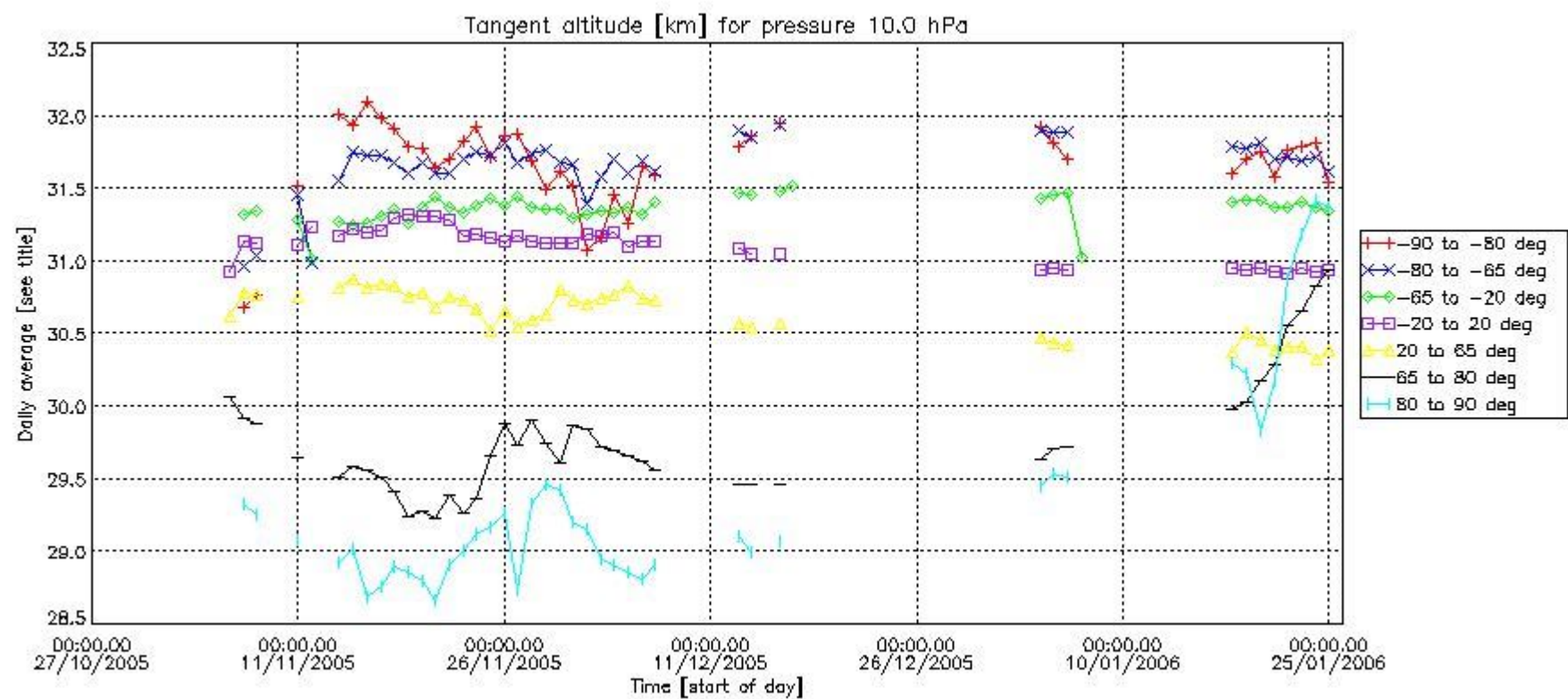


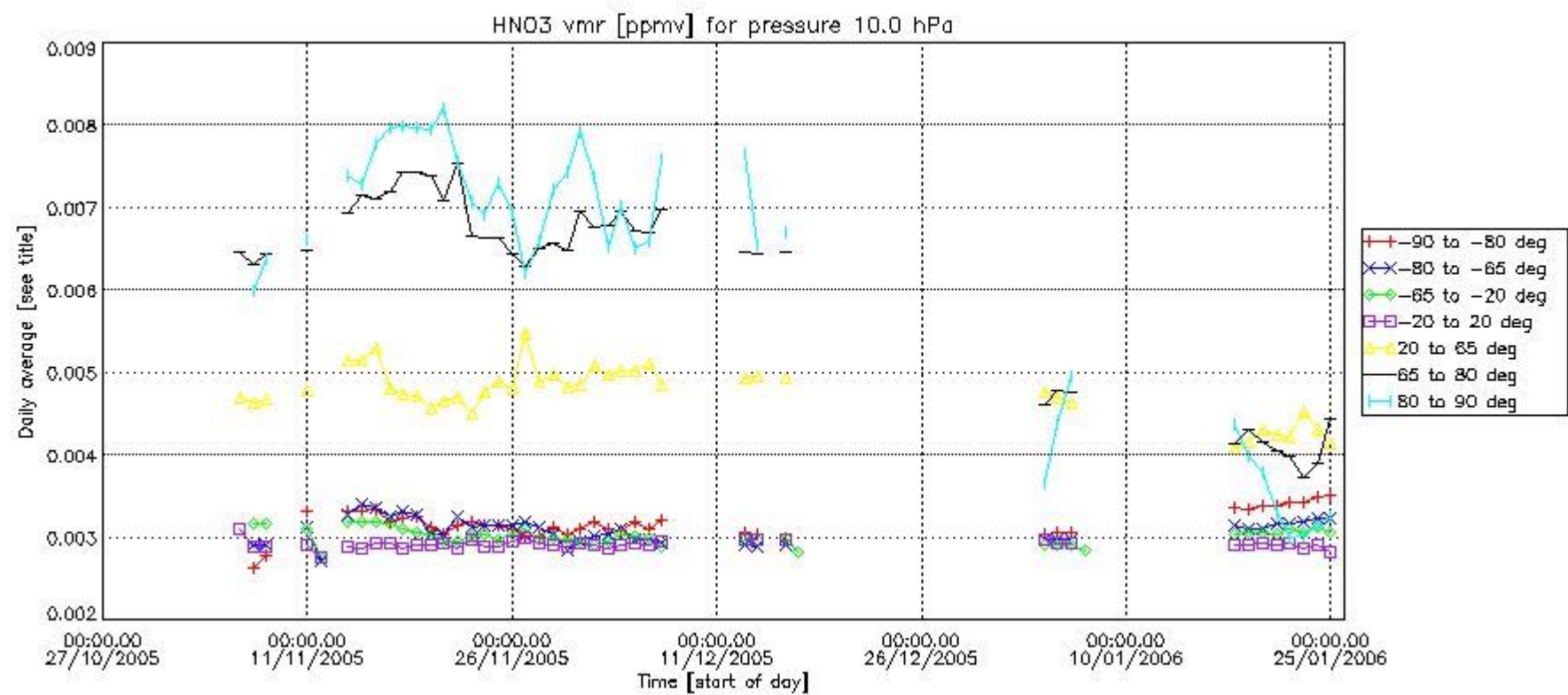
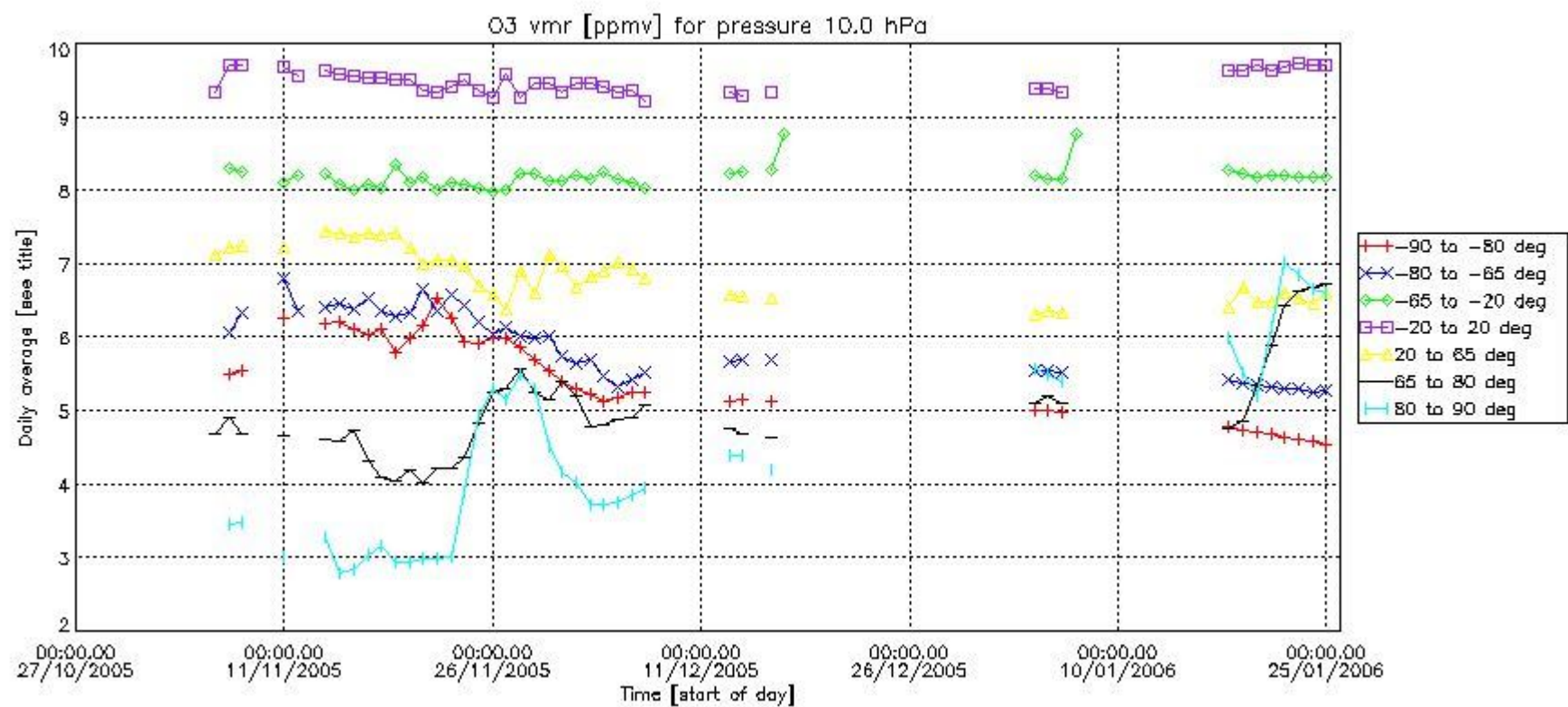


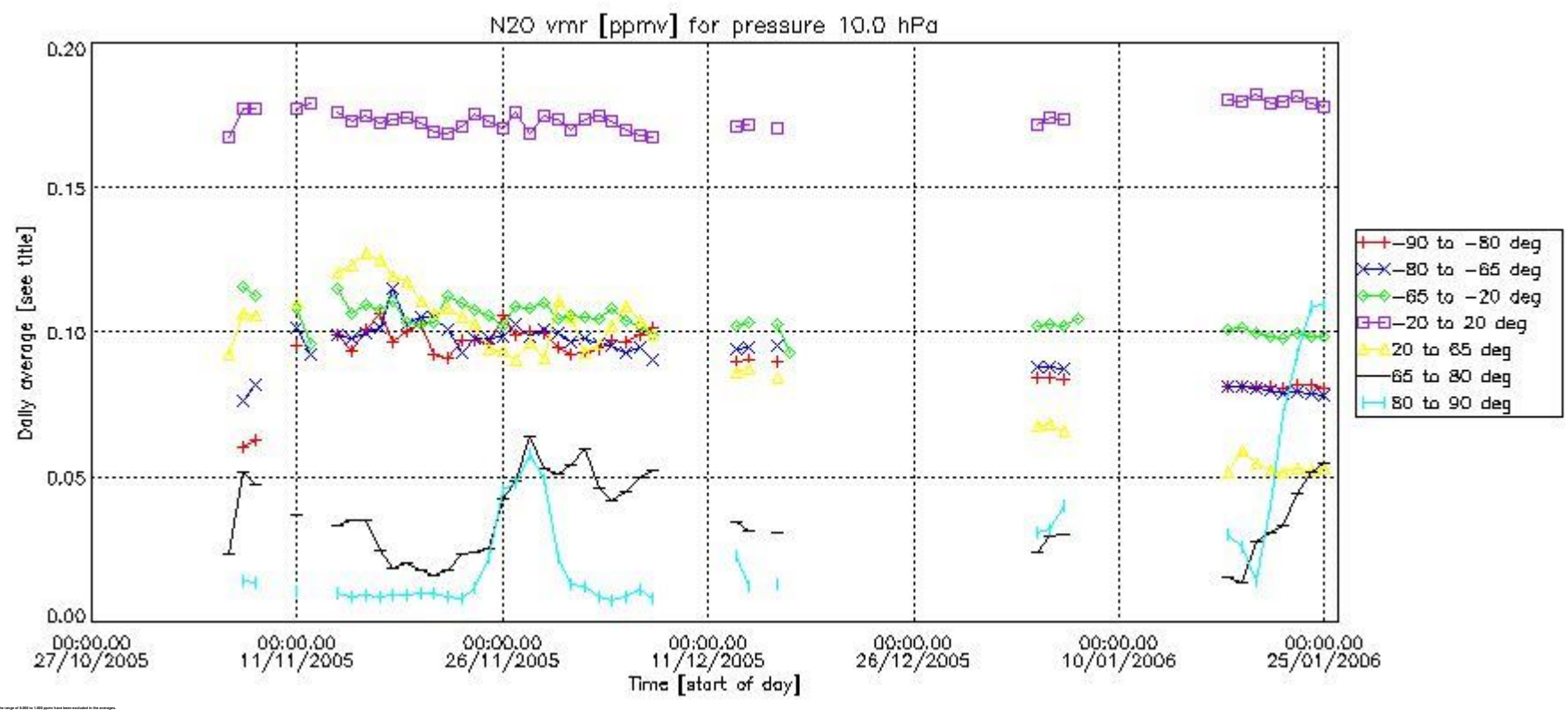
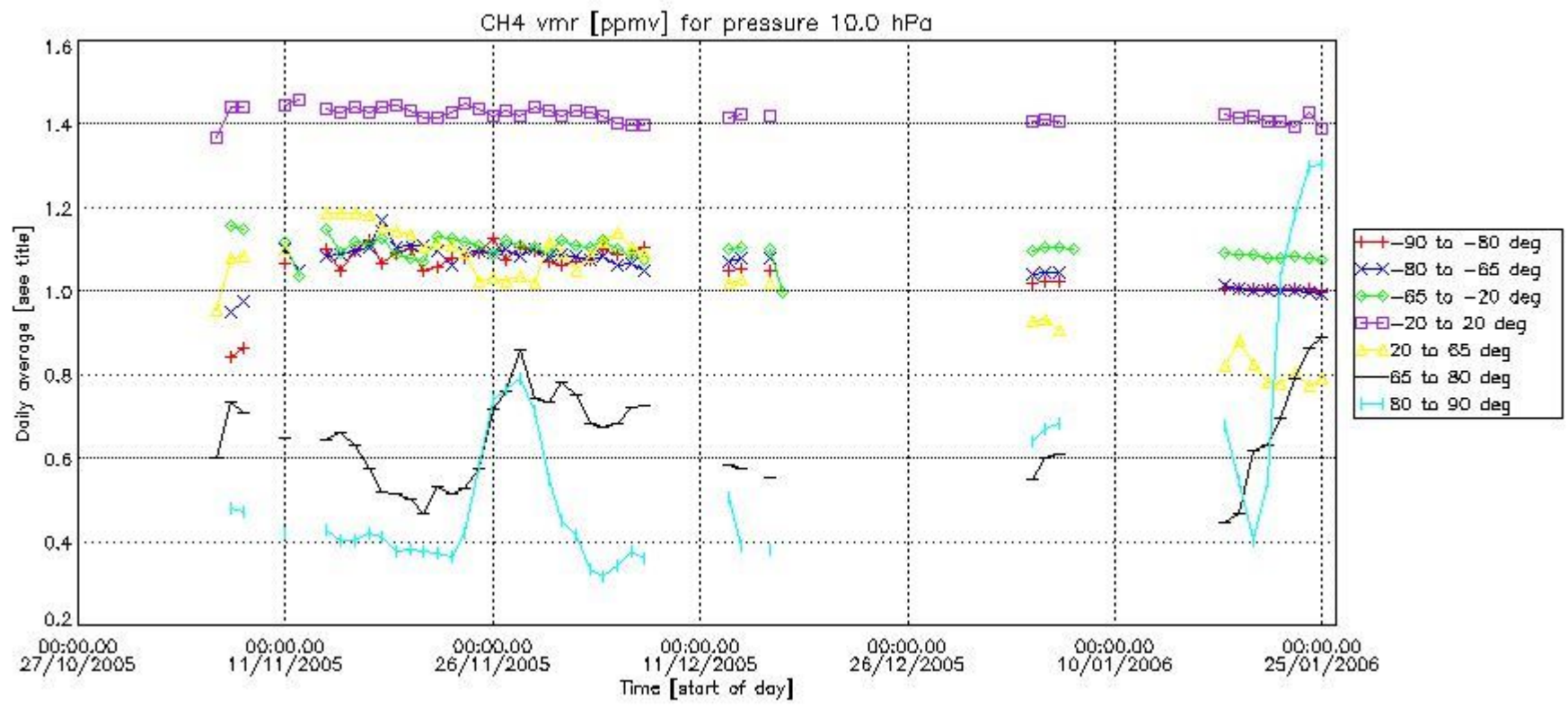


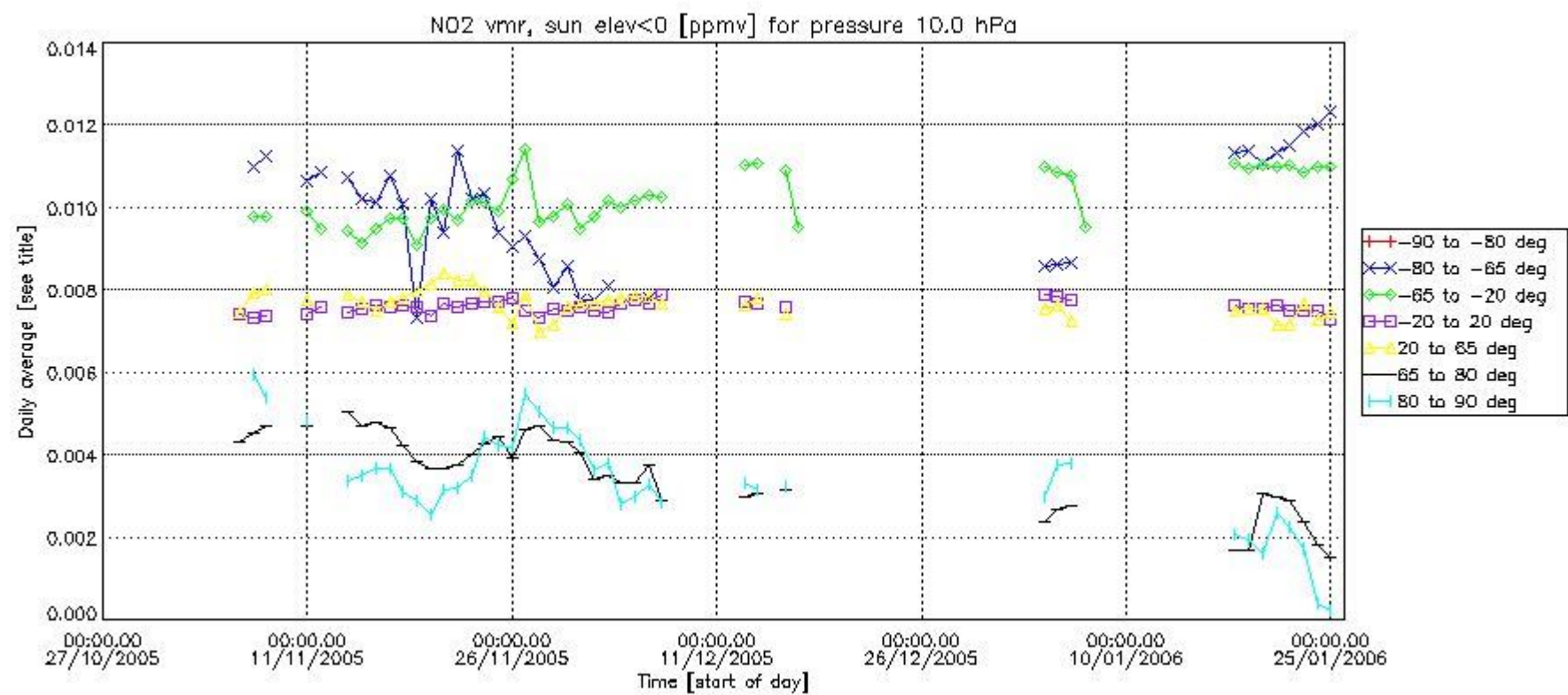
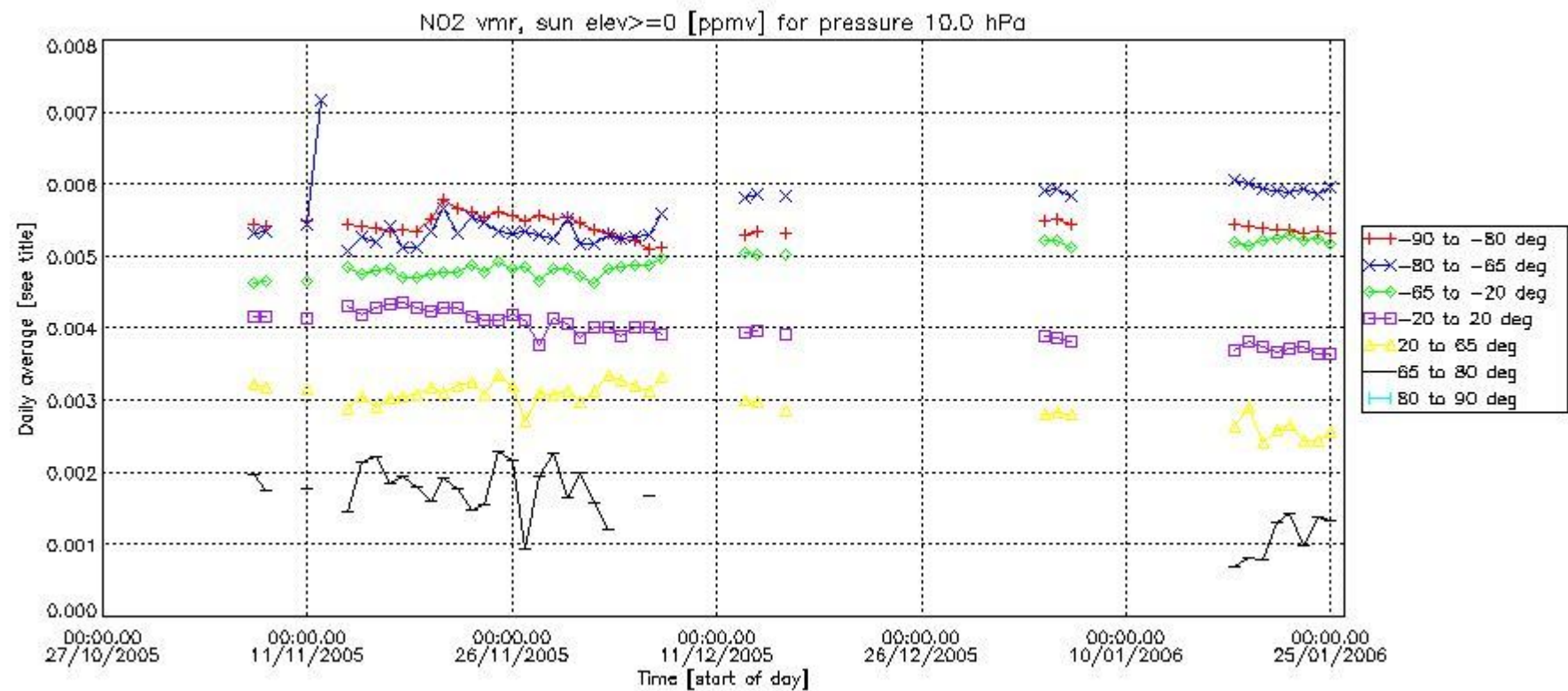


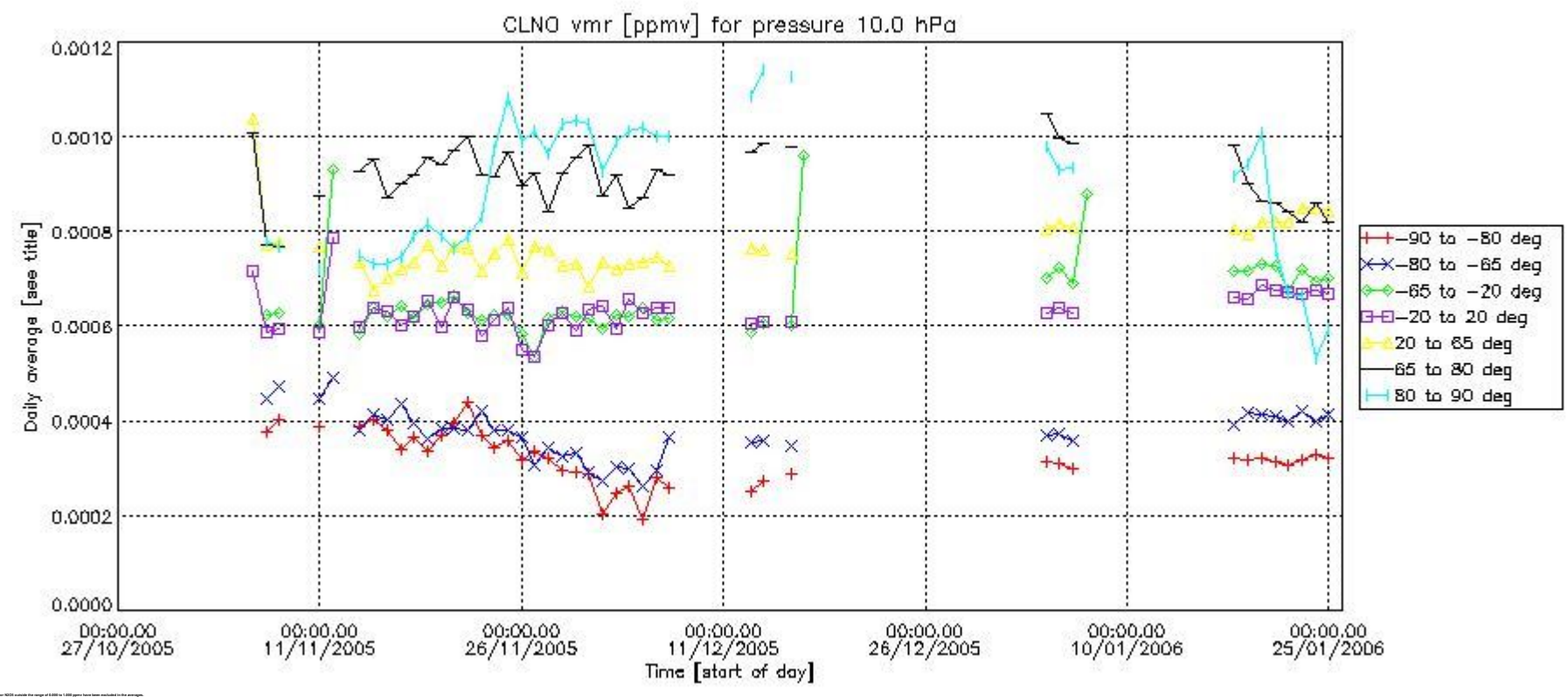
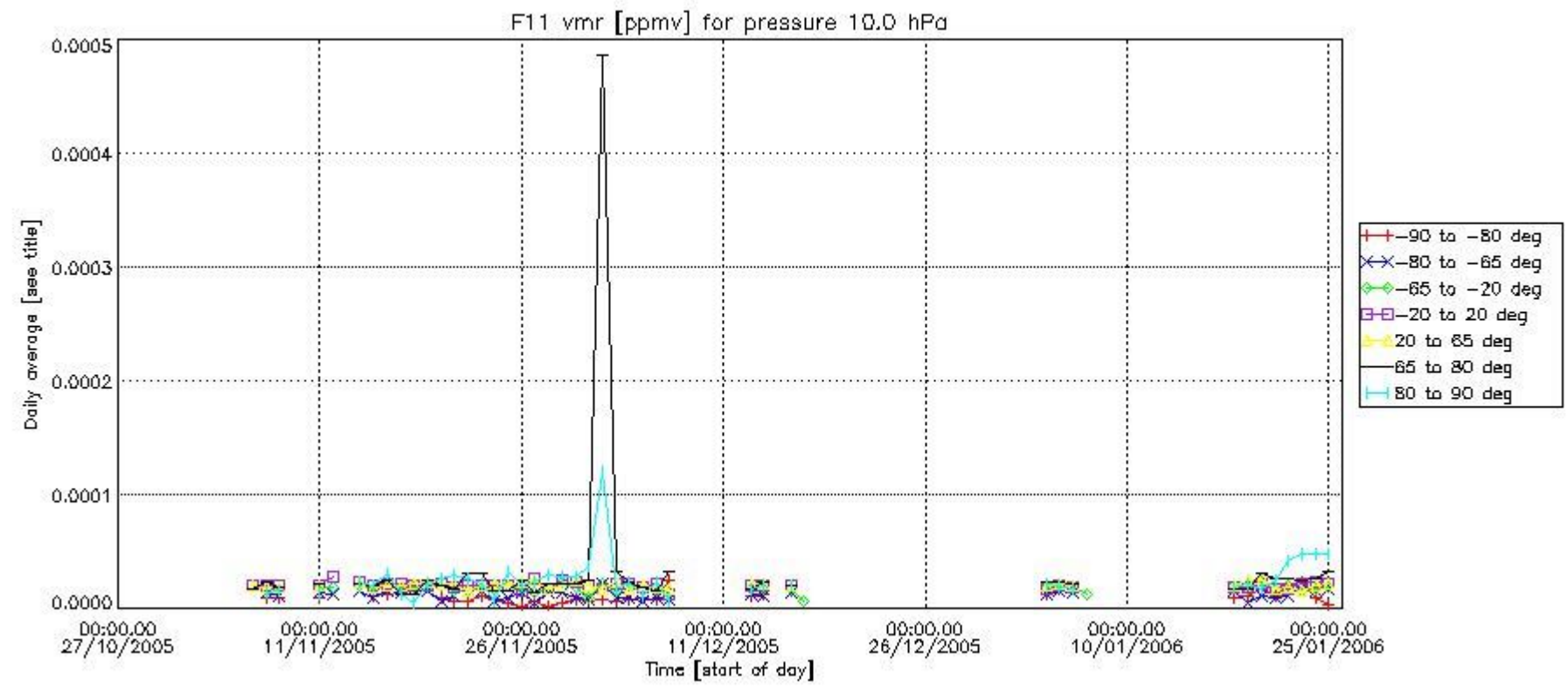


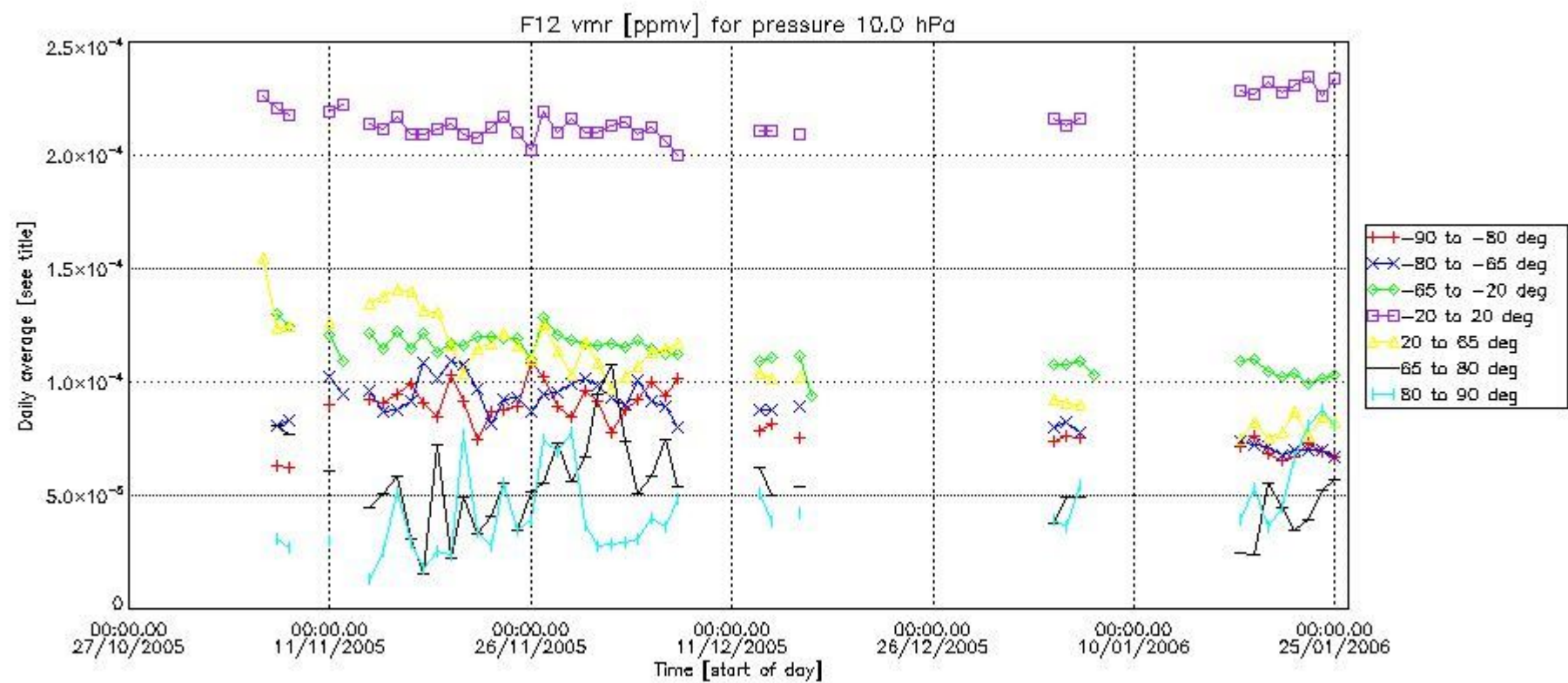
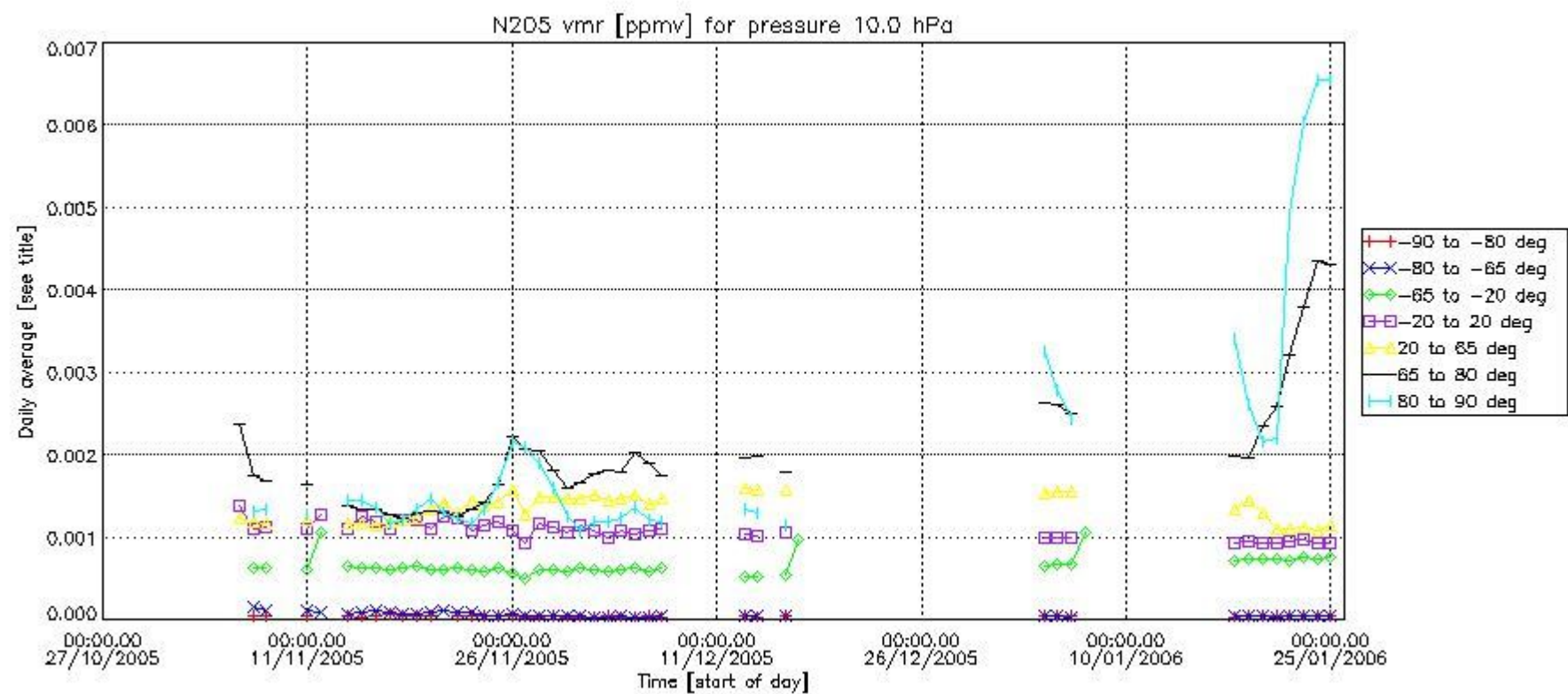


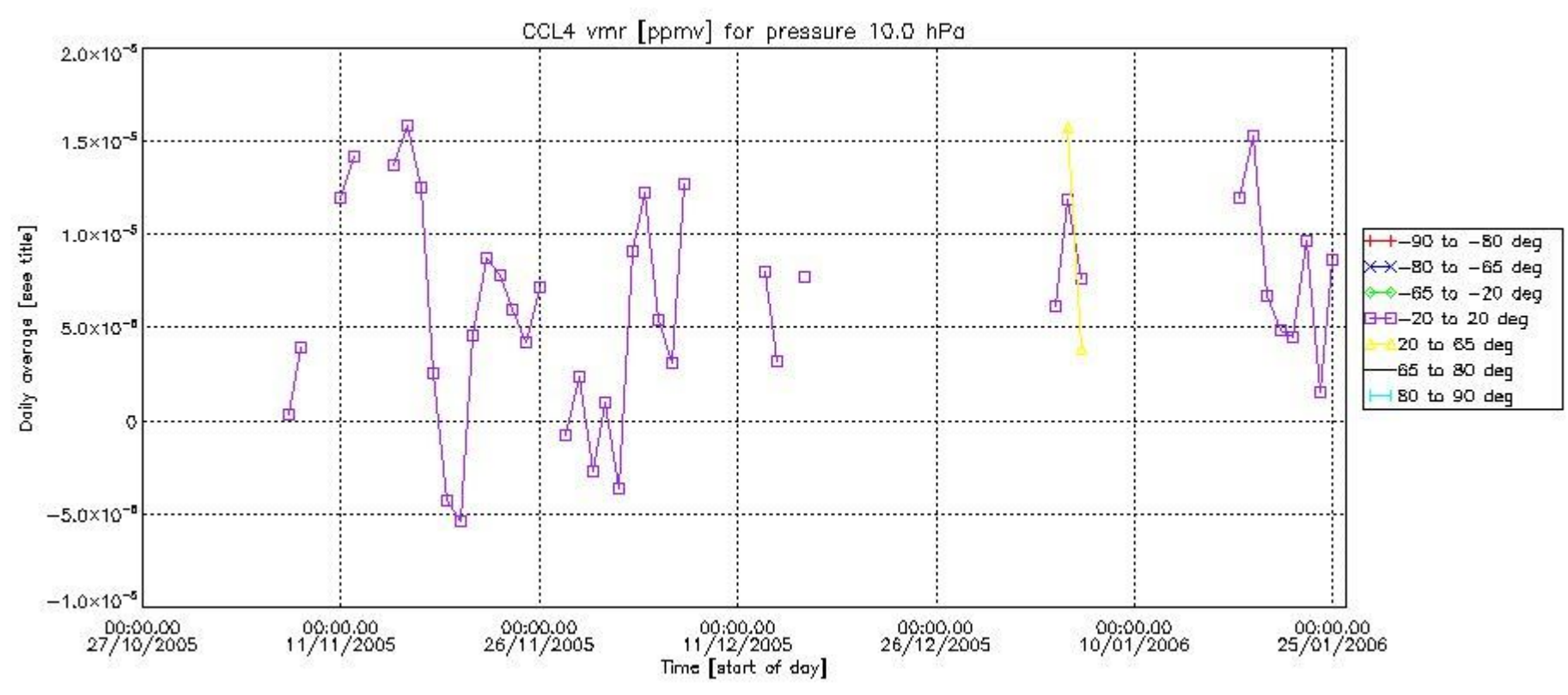
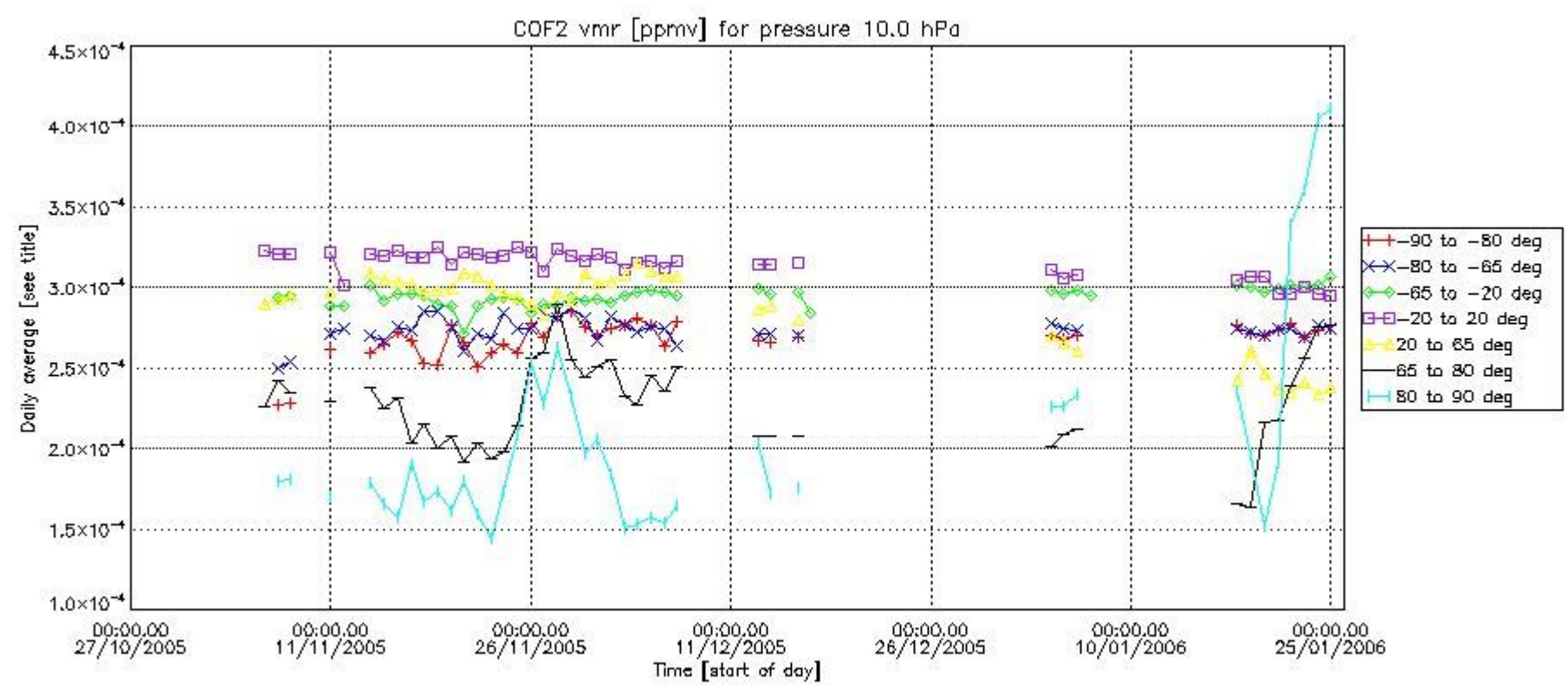


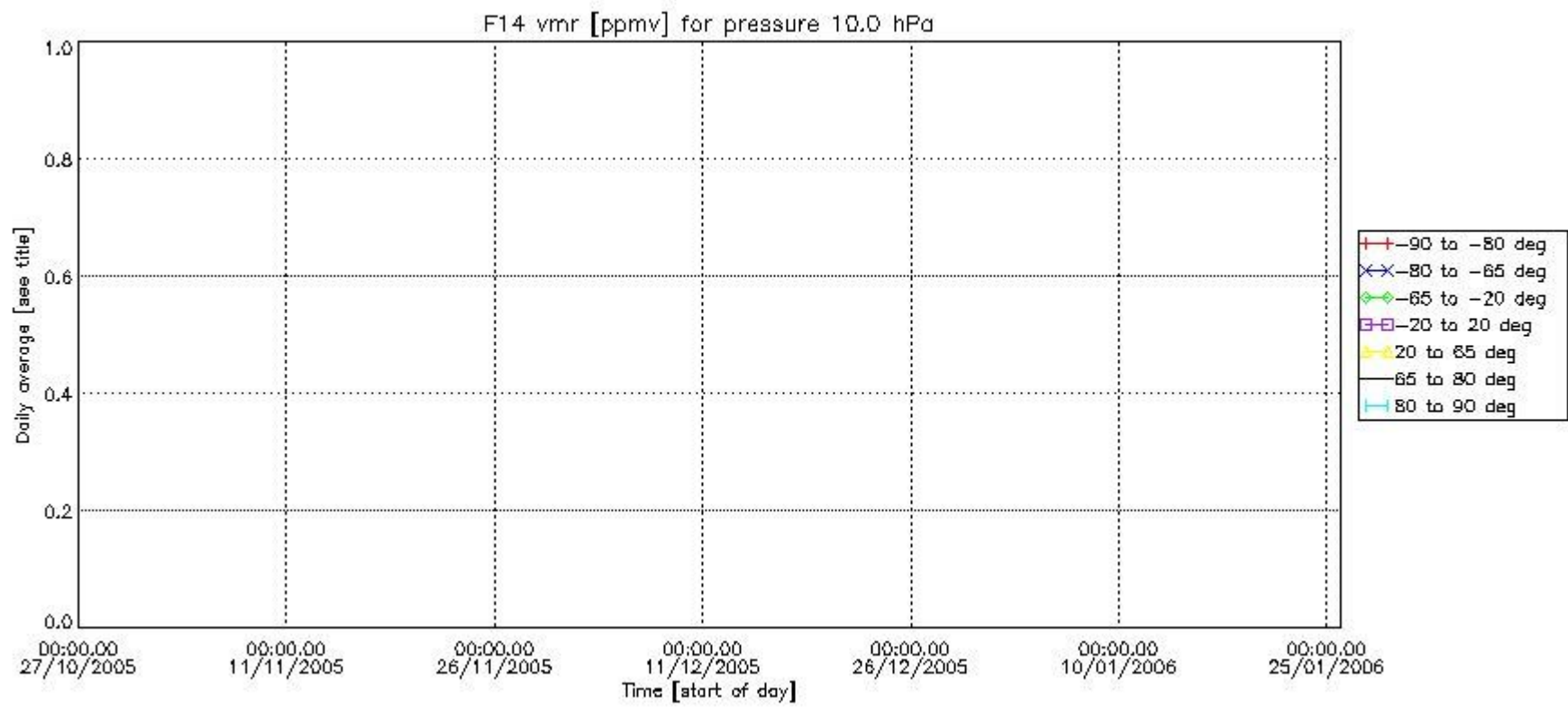
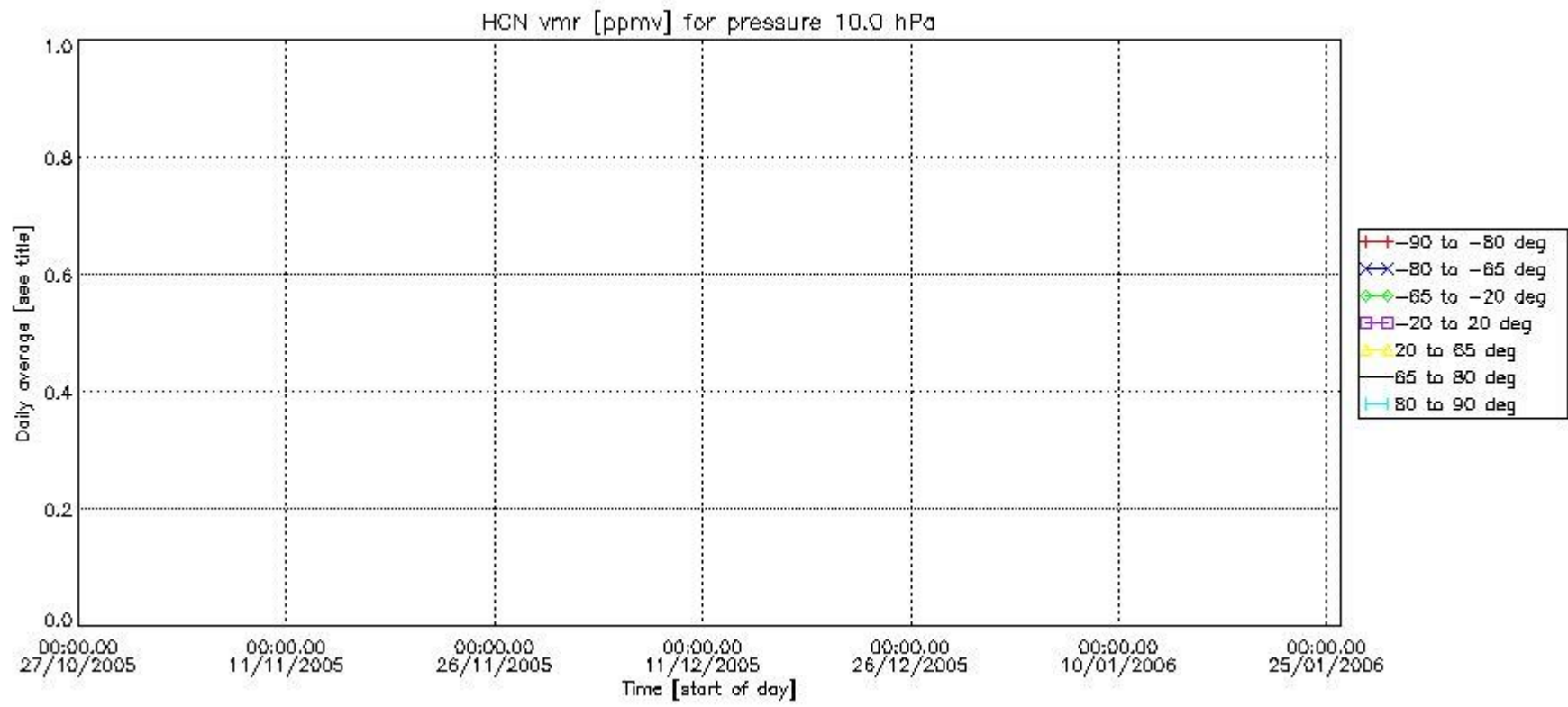


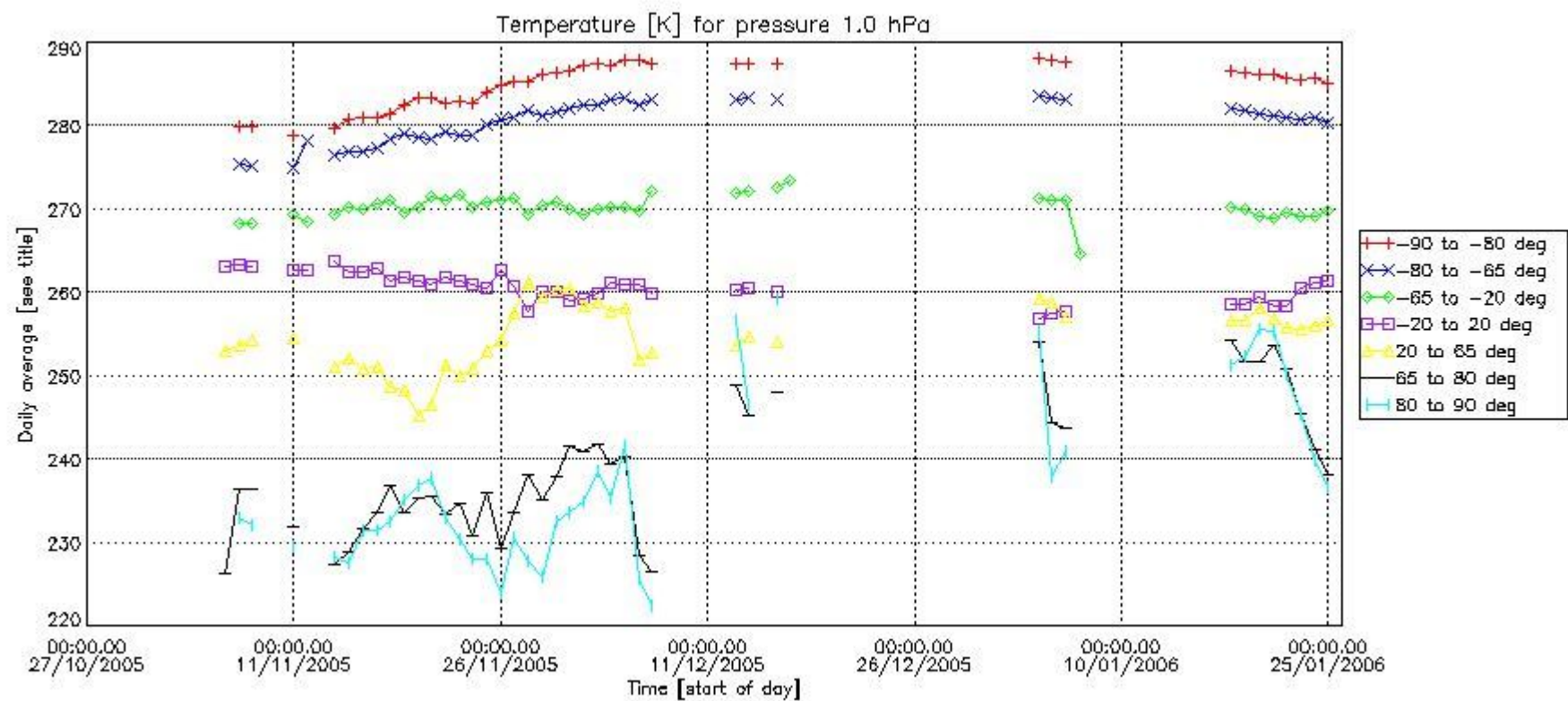
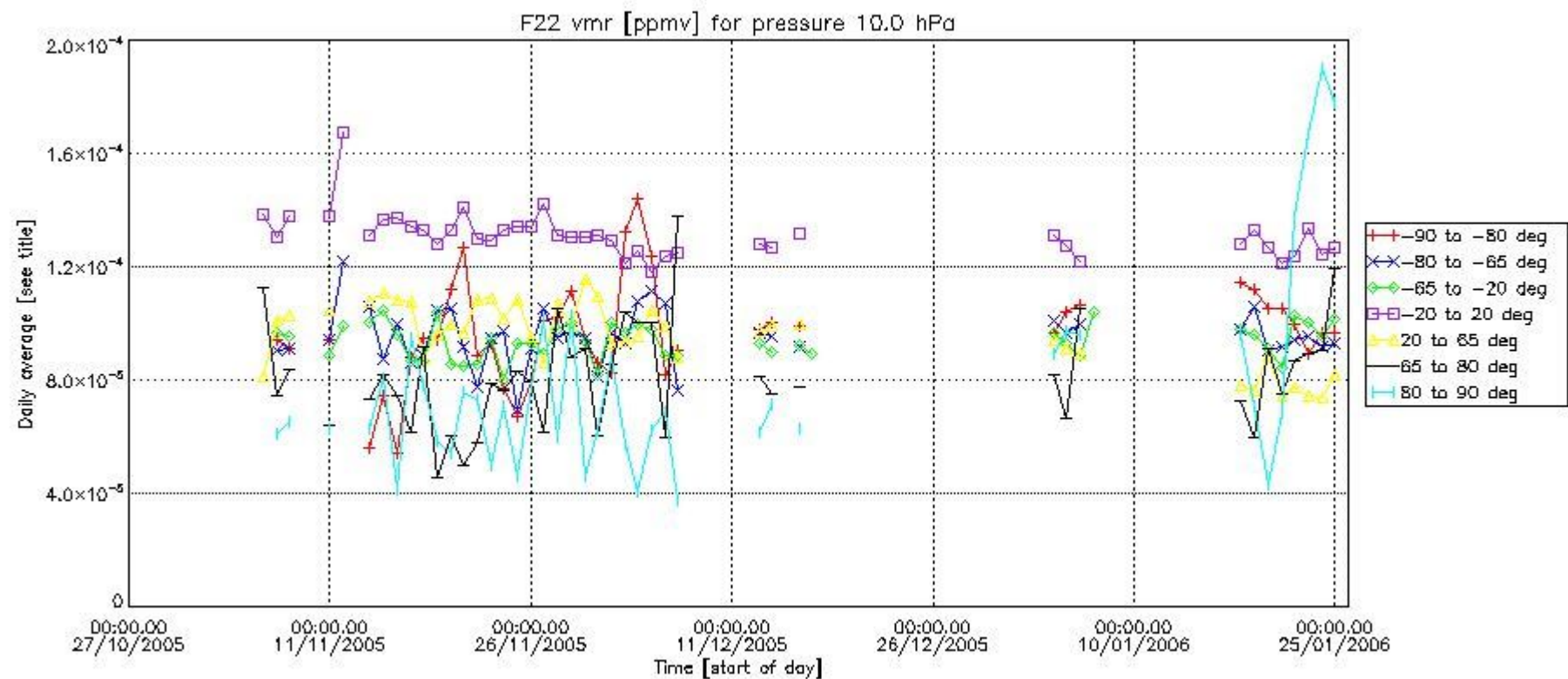


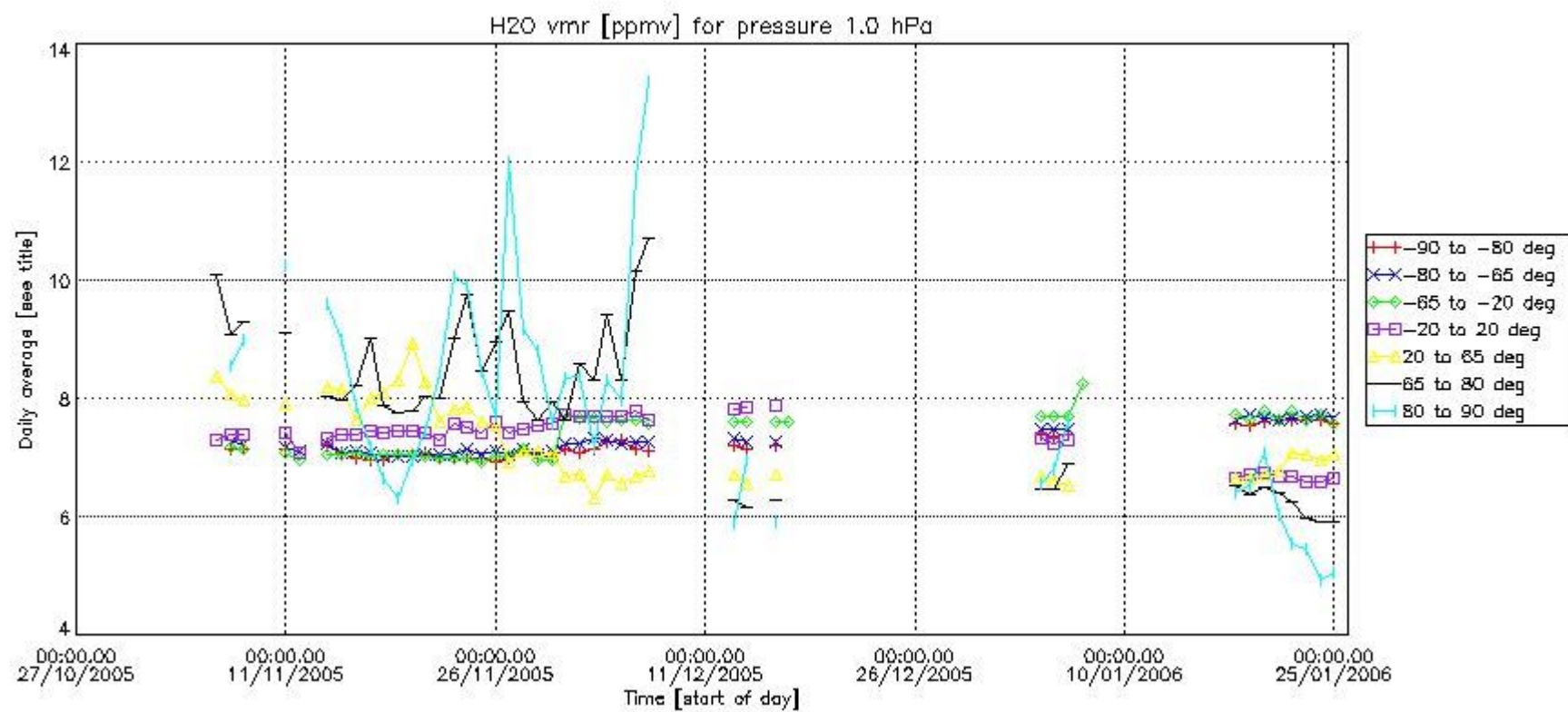
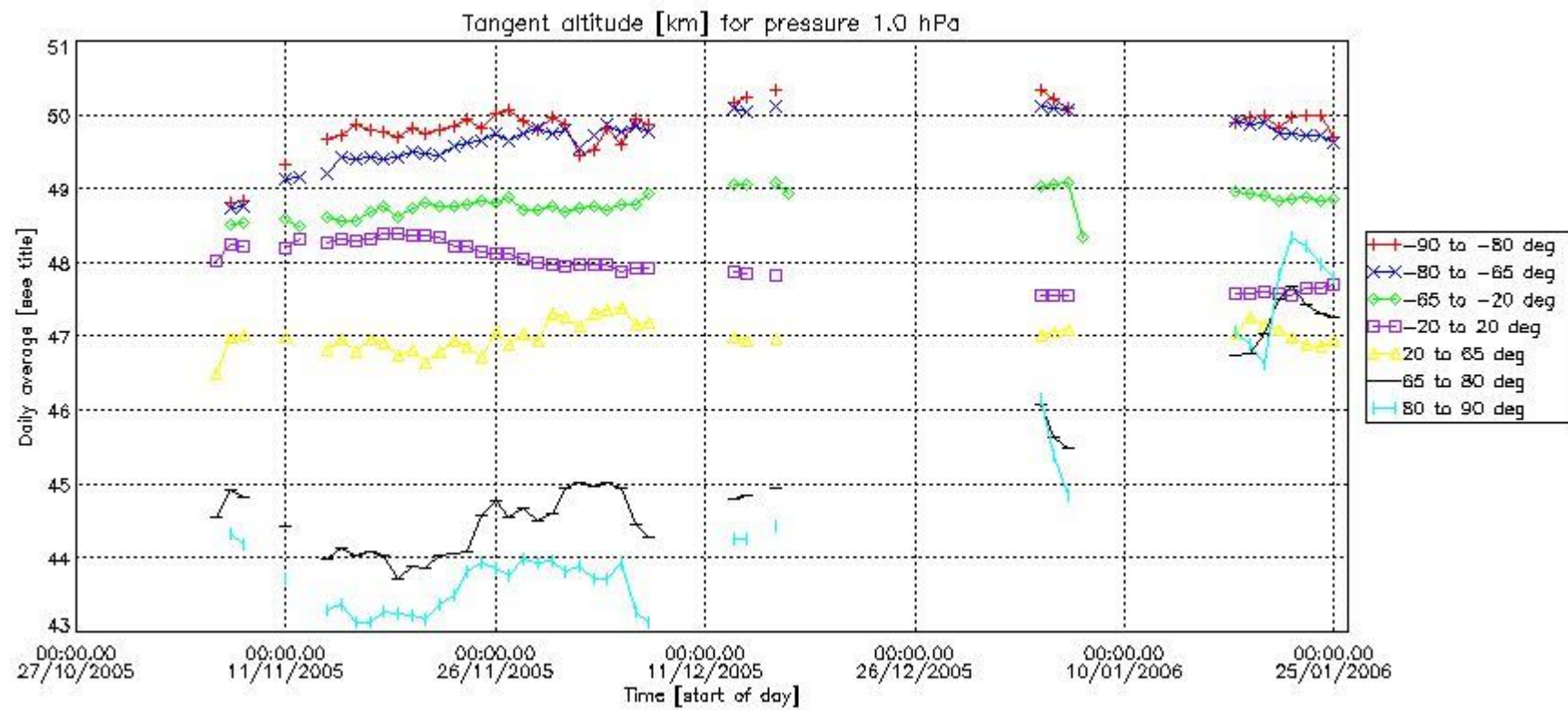


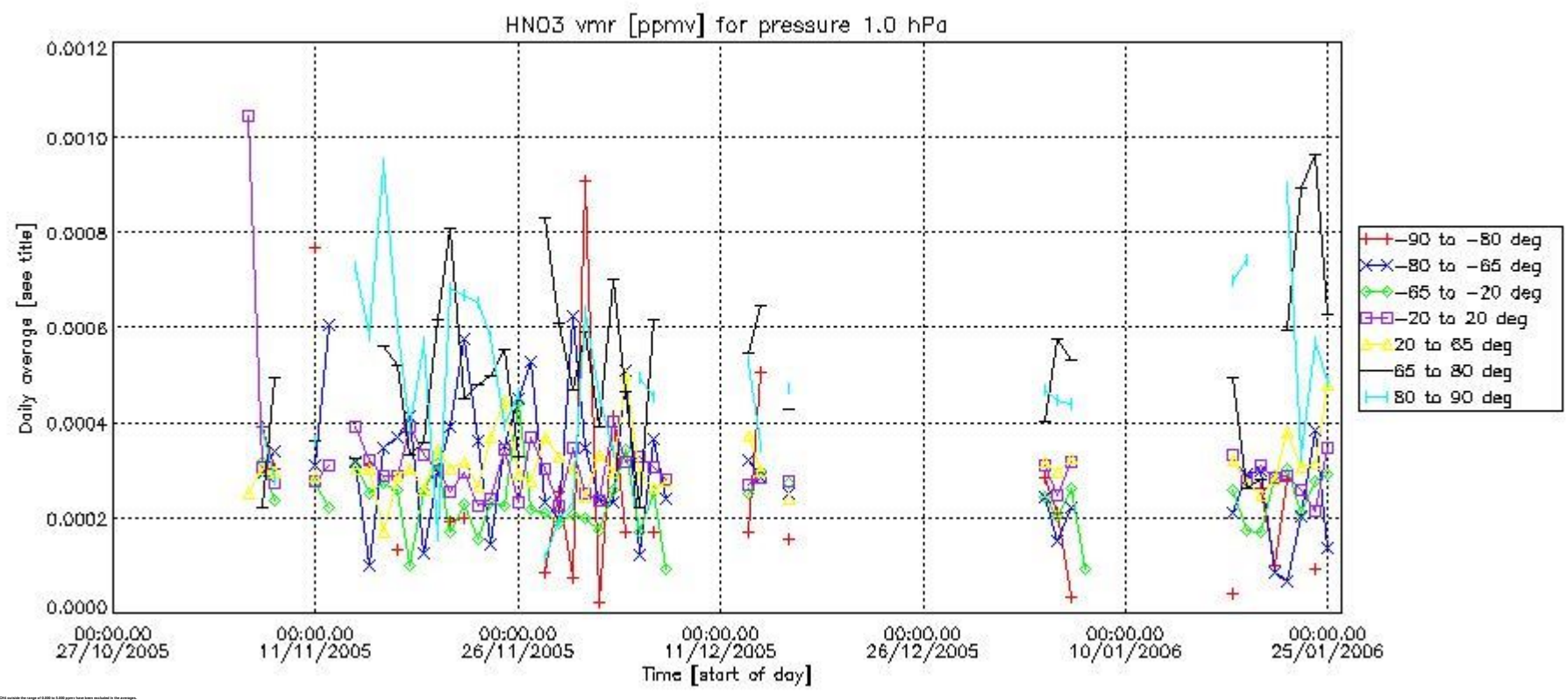
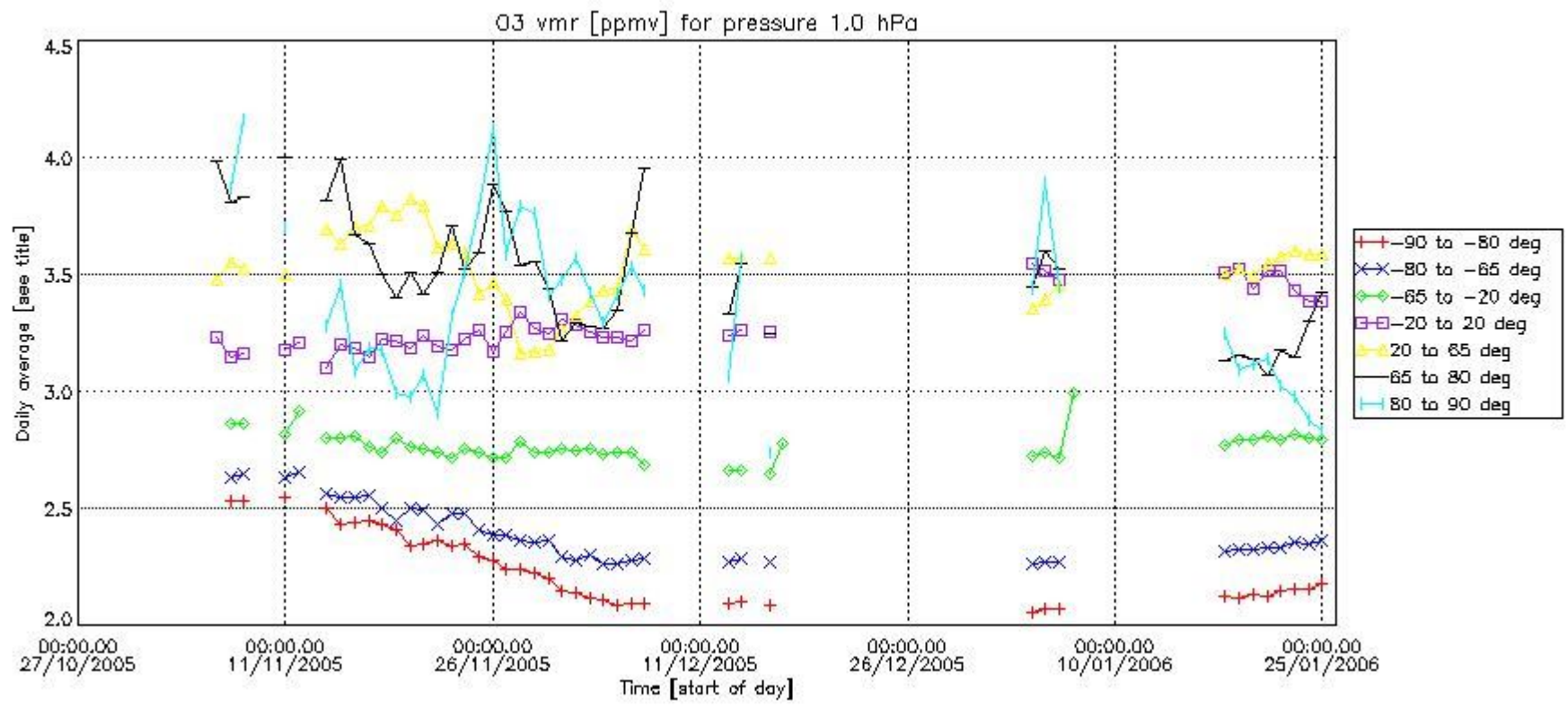


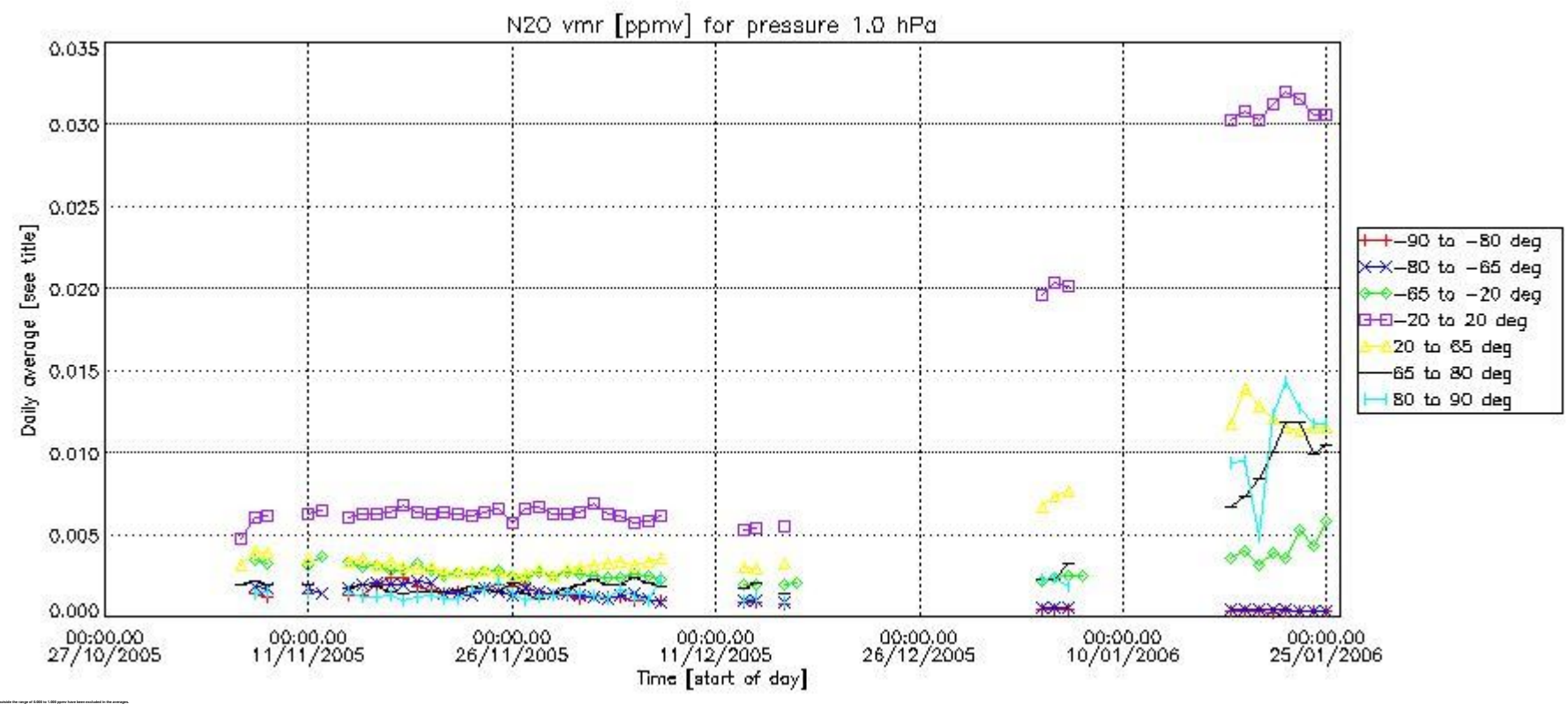
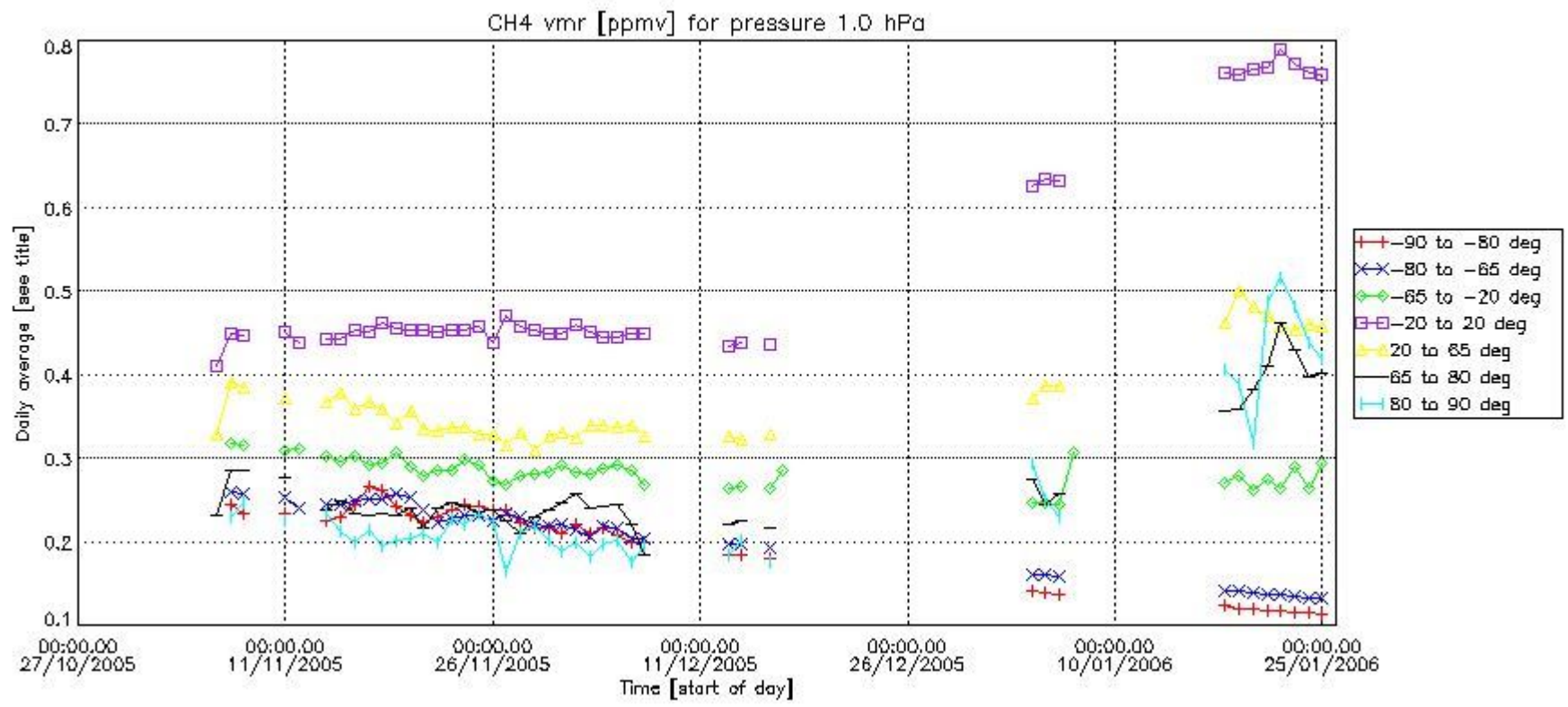


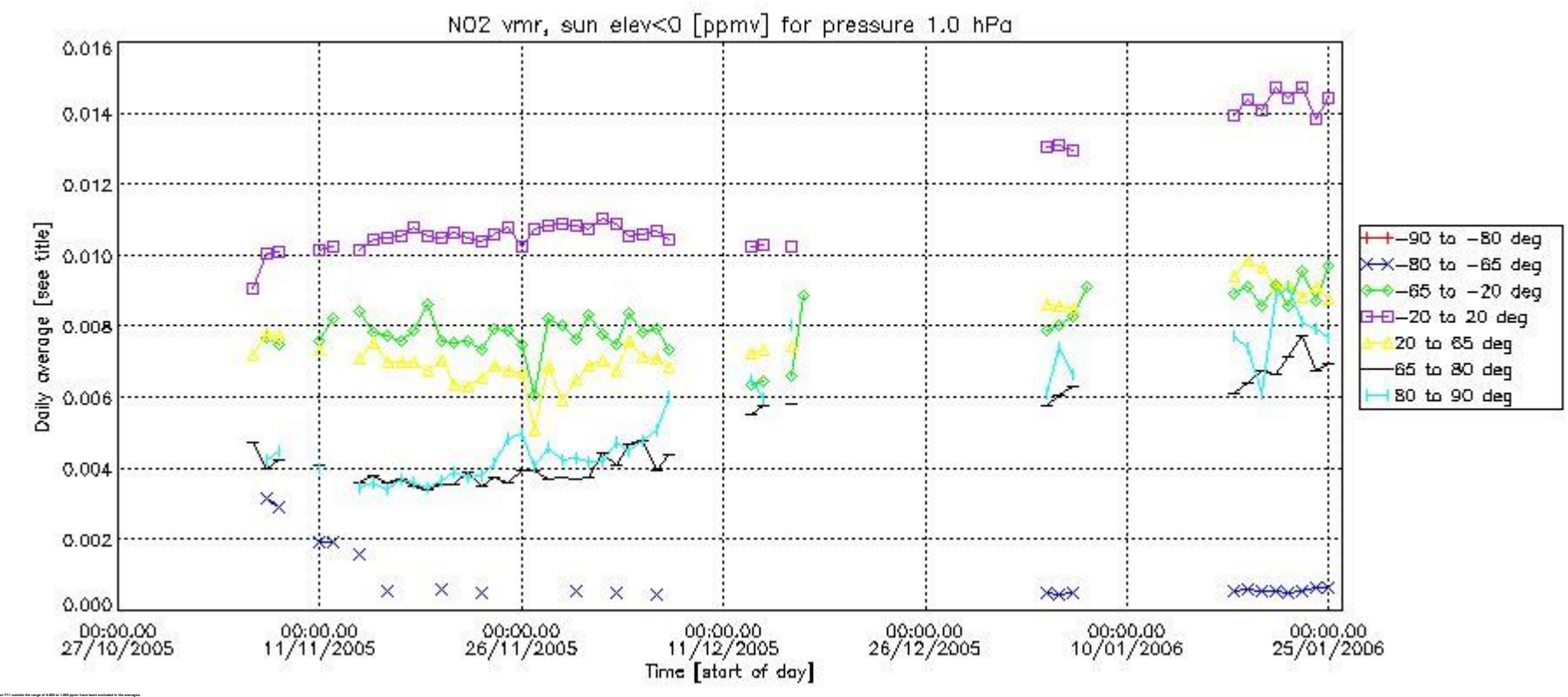
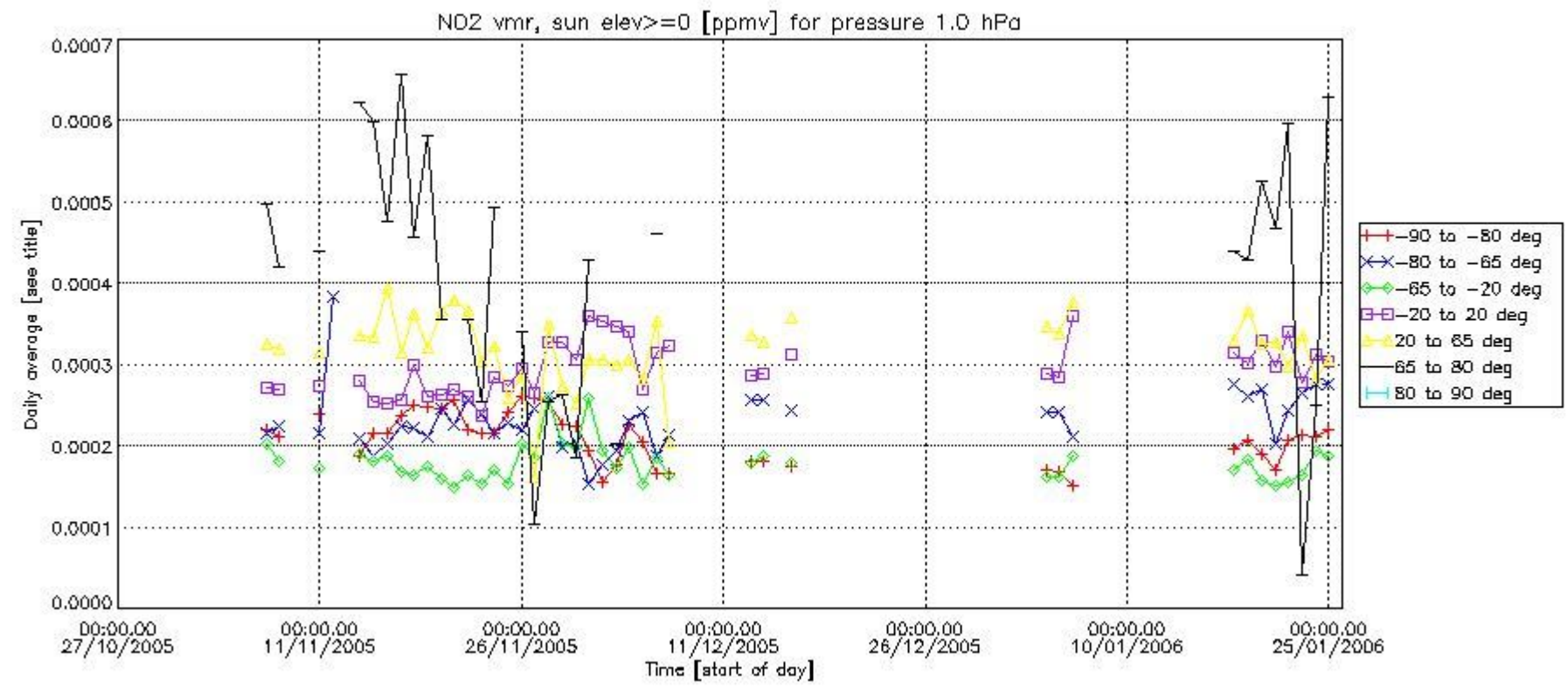


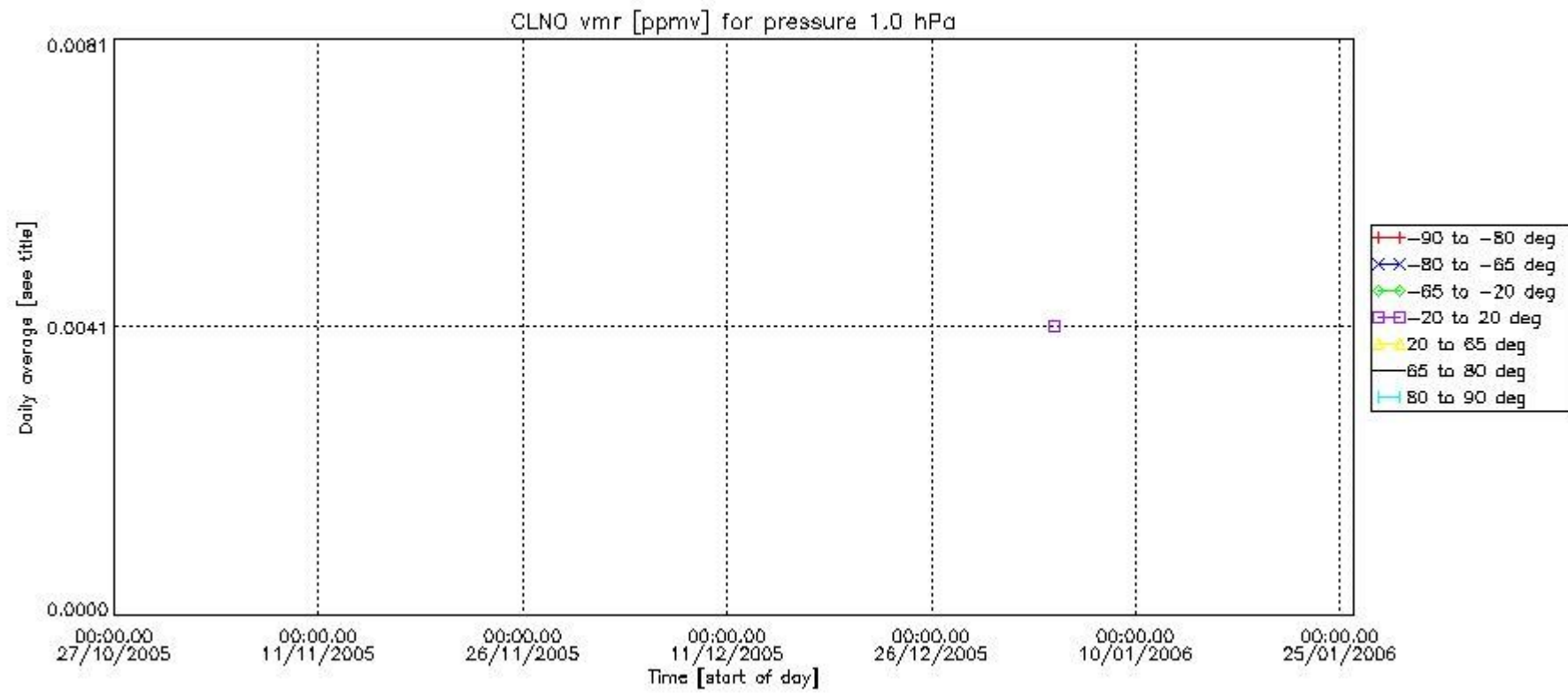
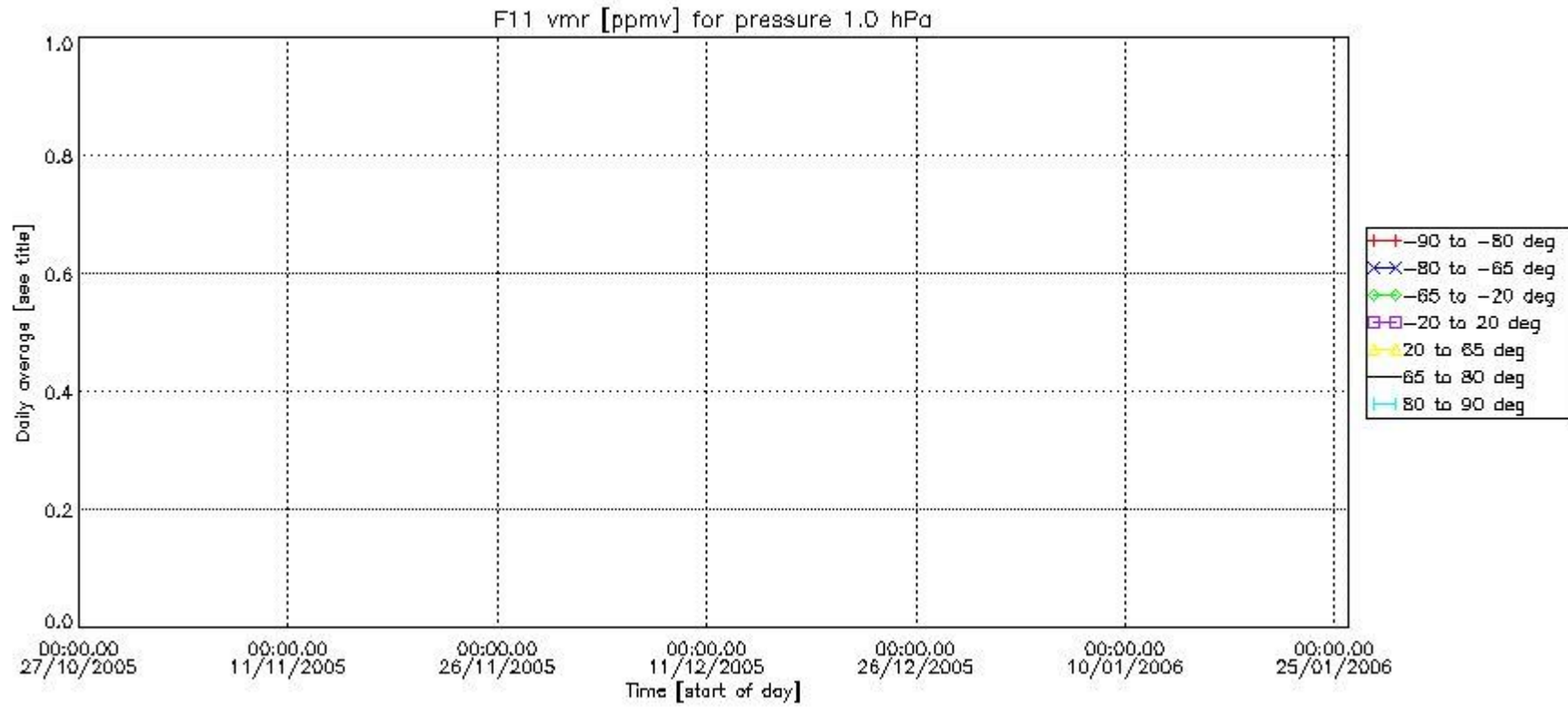


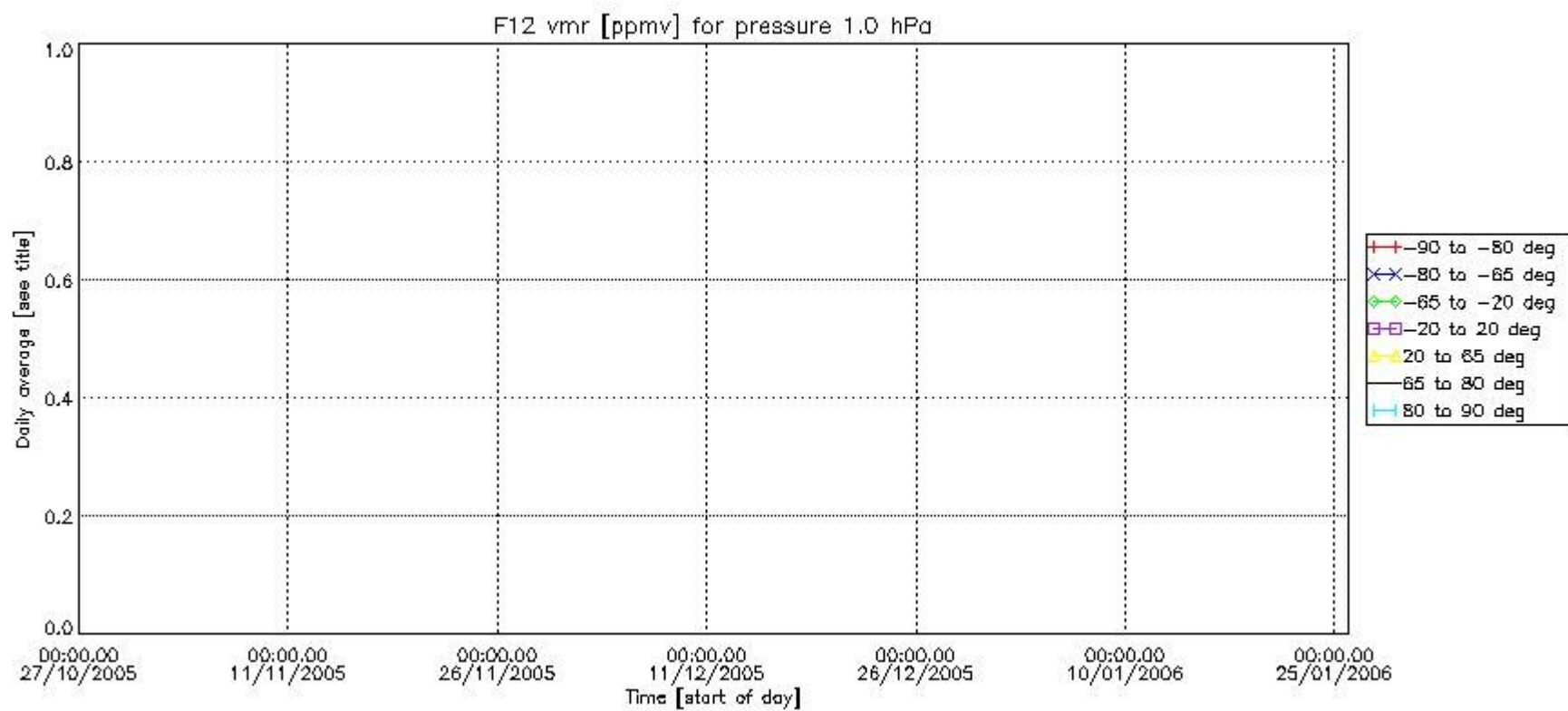
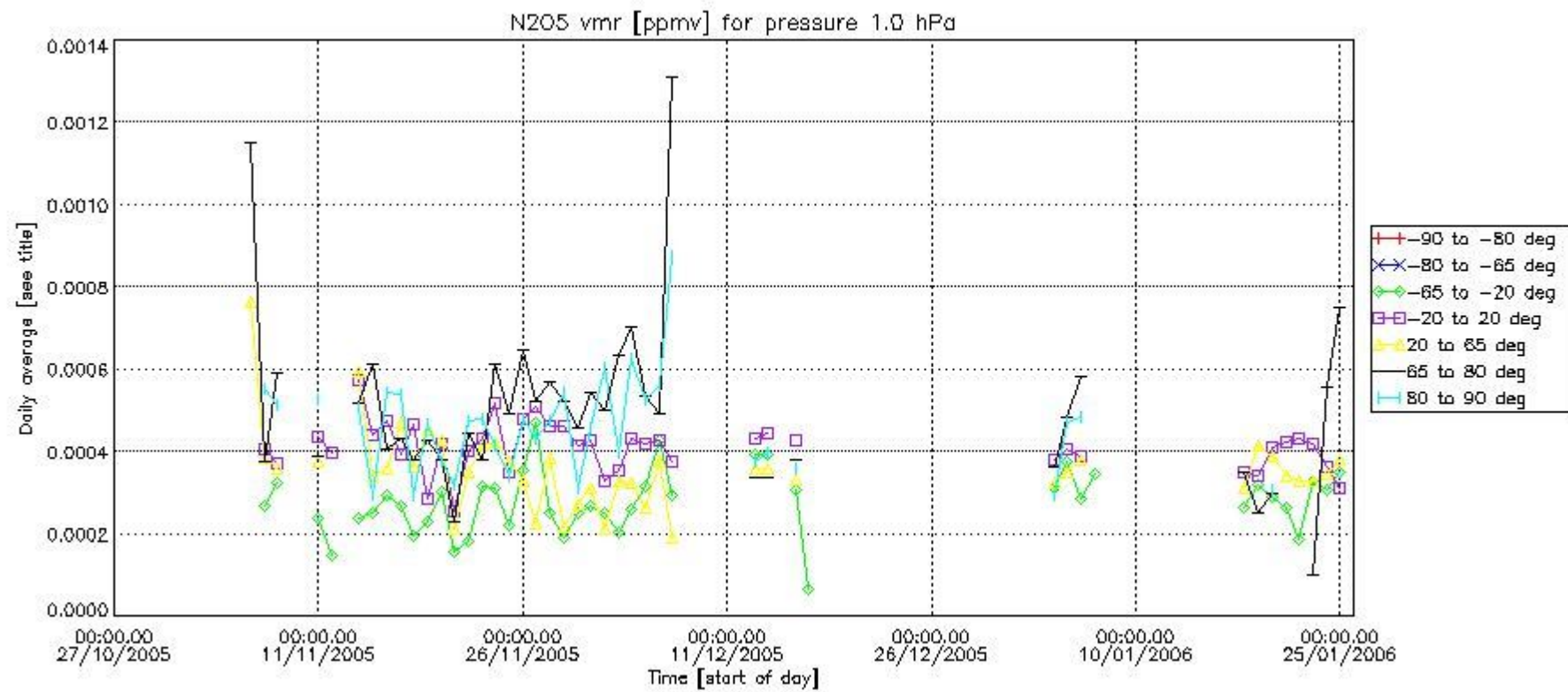


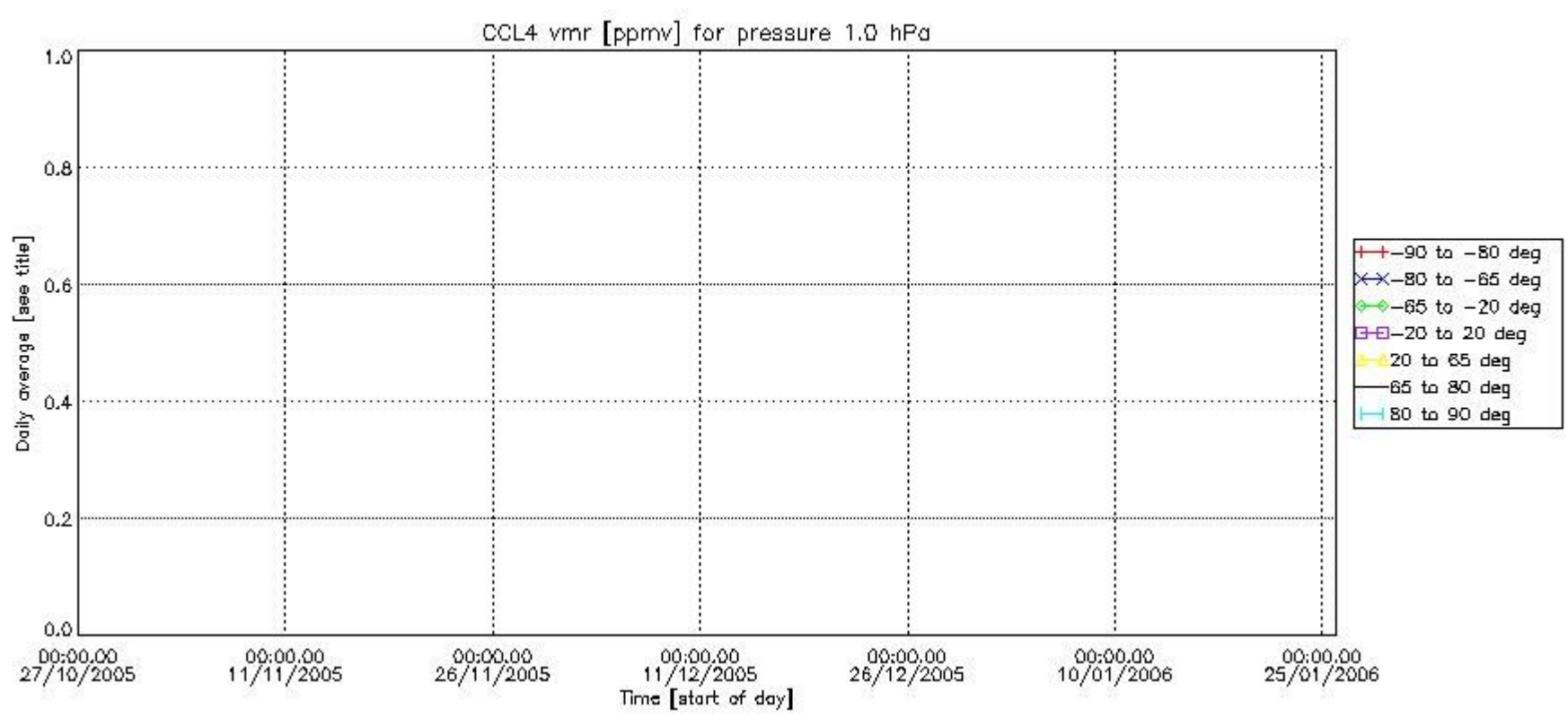
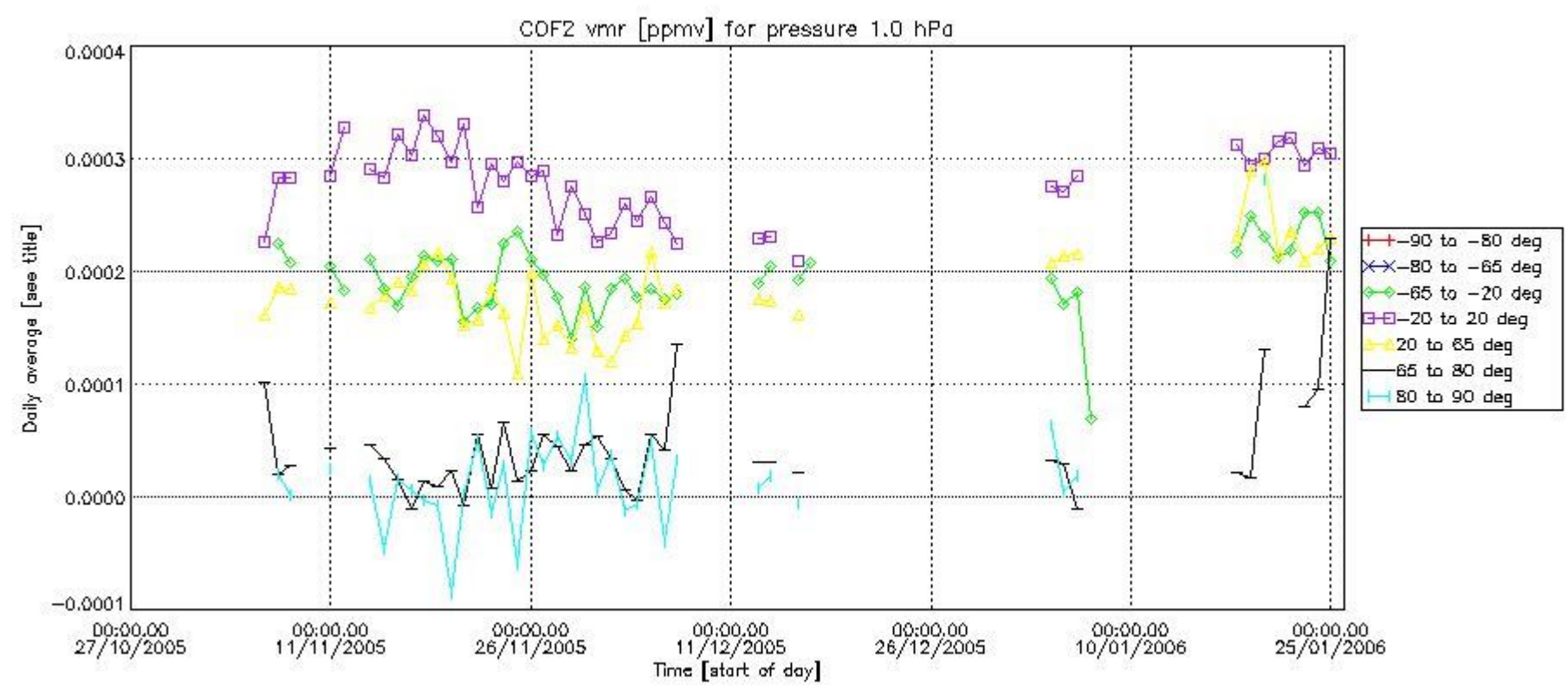


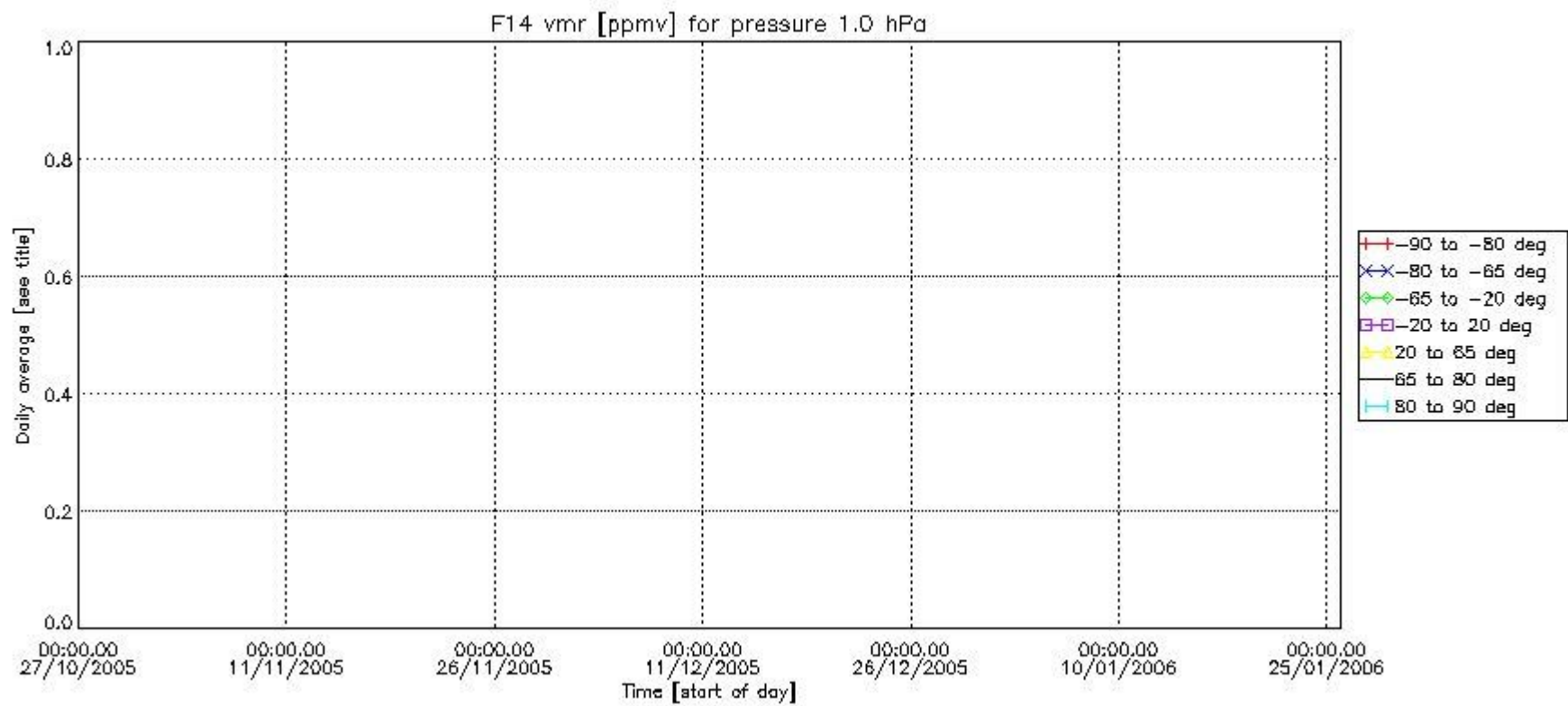
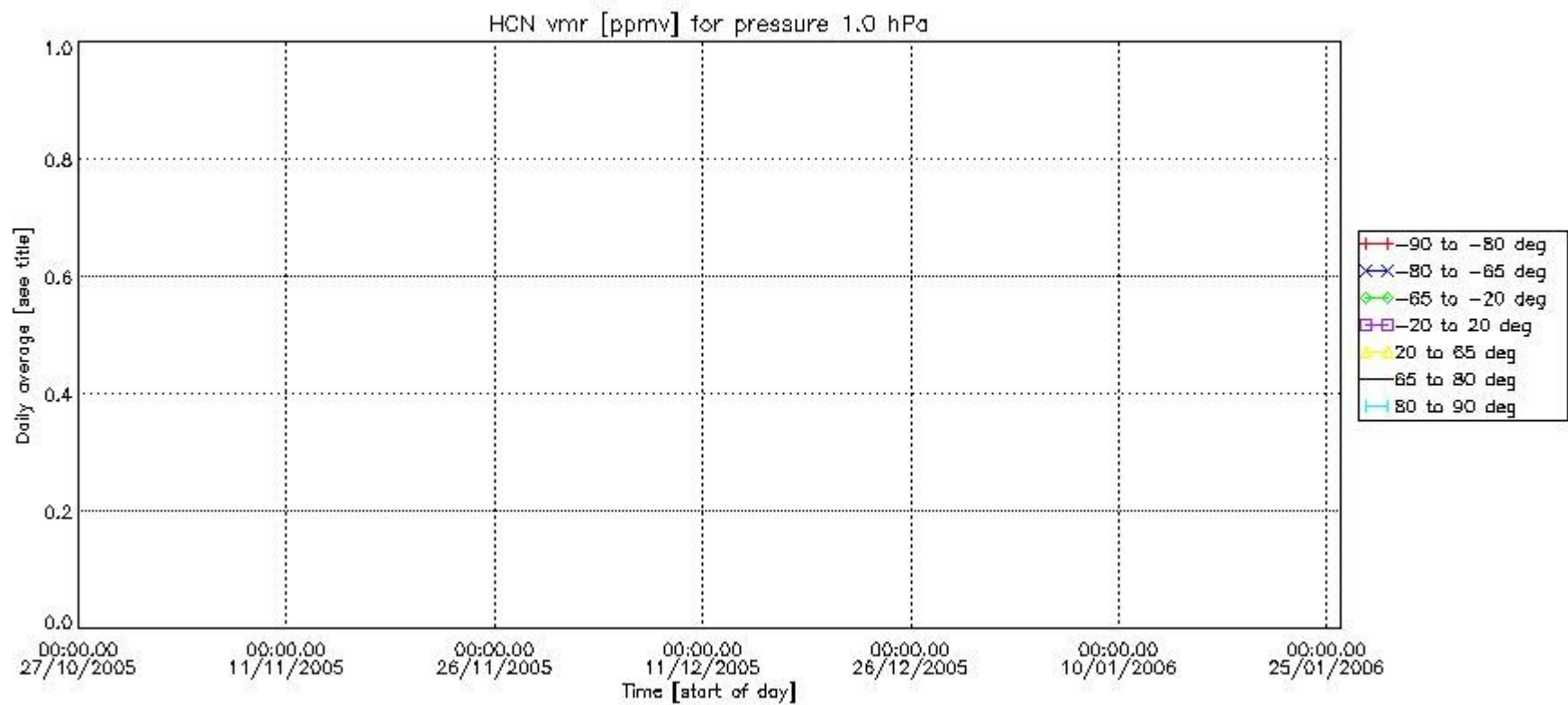


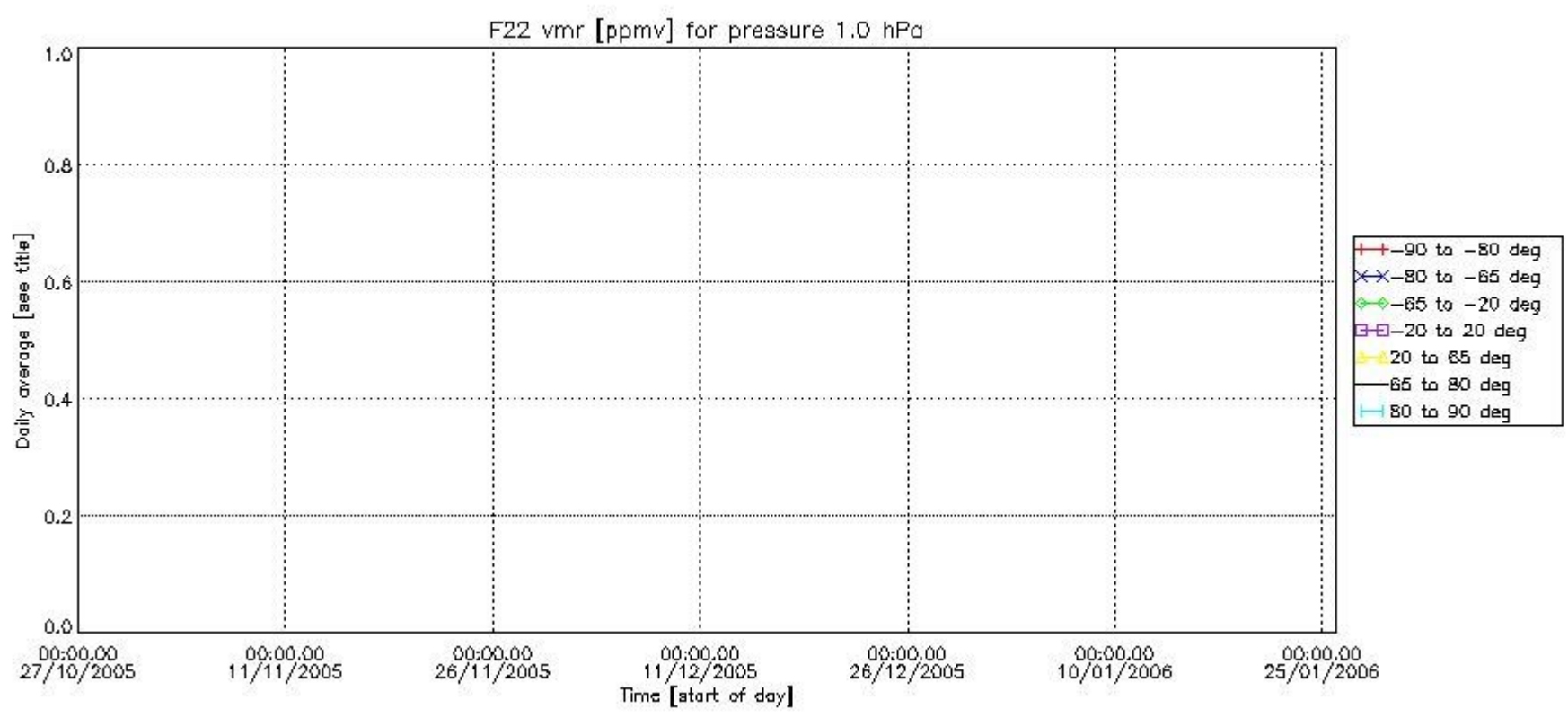












Number of successful retrievals vs. geolocation (*=day side , triangle=night side).

