

2. MIPAS Daily Report for level 2 products summary report

(See [mipas_daily_report_level2_ML2PP_7_03_W_20051006.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 15:24:19
Data source version	ML2PP/7.03-W
Processing scope for products	06OCT2005 00:00:00 to 07OCT2005 00:00:00
Start time of first product within scope	06OCT2005 06:23:58
Stop time of last product within scope	06OCT2005 22:22:19
Total number of level 2 products	7
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__2PWDSI20051006_062358_000030902041_00235_18826_1000.N1	06OCT2005 06:23:58	06OCT2005 07:15:28	0	44/44	VMR_TERM_MACRO_MICRO[HCN/micro:1]
1	MIP_NL__2PWDSI20051006_085315_000023782041_00236_18827_1000.N1	06OCT2005 08:53:15	06OCT2005 09:32:53	0	53/53	
2	MIP_NL__2PWDSI20051006_103351_000028462041_00237_18828_1000.N1	06OCT2005 10:33:51	06OCT2005 11:21:17	0	63/63	VMR_TERM_MACRO_MICRO[HCN/micro:1]
3	MIP_NL__2PWDSI20051006_112207_000060362041_00238_18829_1000.N1	06OCT2005 11:22:07	06OCT2005 13:02:43	0	133/133	VMR_TERM_MACRO_MICRO[HCN/macro:2]
4	MIP_NL__2PWDSI20051006_130249_000005062041_00239_18830_1000.N1	06OCT2005 13:02:49	06OCT2005 13:11:15	0	11/11	
5	MIP_NL__2PWDSI20051006_194847_000057662041_00243_18834_1000.N1	06OCT2005 19:48:47	06OCT2005 21:24:53	0	103/103	VMR_TERM_MACRO_MICRO[HCN/macro:1; HCN/micro:2]
6	MIP_NL__2PWDSI20051006_212543_000033962041_00244_18835_1000.N1	06OCT2005 21:25:43	06OCT2005 22:22:19	0	55/55	

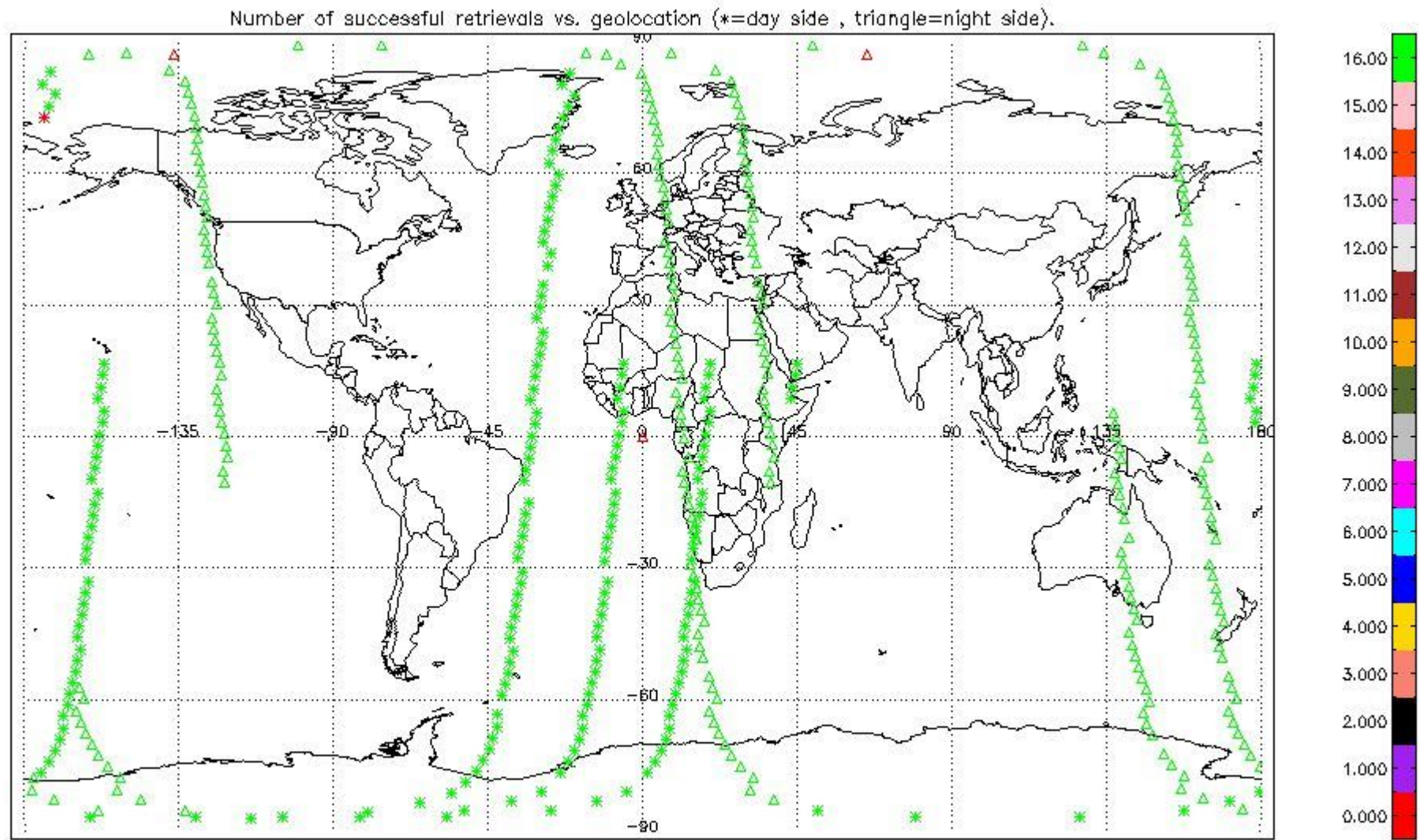
2.2 Processing performance indicators

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.

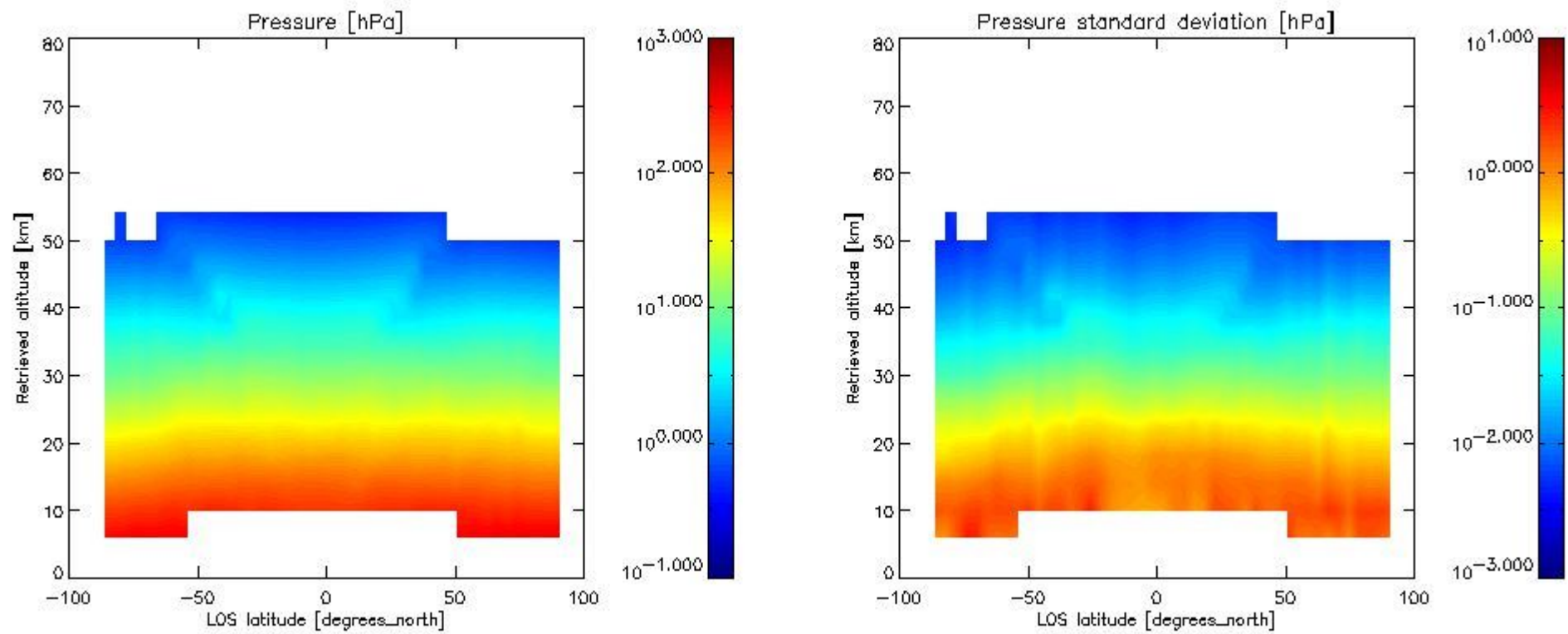
RETRIEVAL MDS	# scans processed	# Successful retrievals	%
PT	462	457	98.918
H2O	462	457	98.918
O3	462	457	98.918

HNO3	462	457	98.918
CH4	462	457	98.918
N2O	462	457	98.918
NO2	462	457	98.918
F11	462	457	98.918
CLNO	462	457	98.918
N2O5	462	457	98.918
F12	462	457	98.918
COF2	462	457	98.918
CCL4	462	457	98.918
HCN	462	457	98.918
F14	462	457	98.918
F22	462	457	98.918



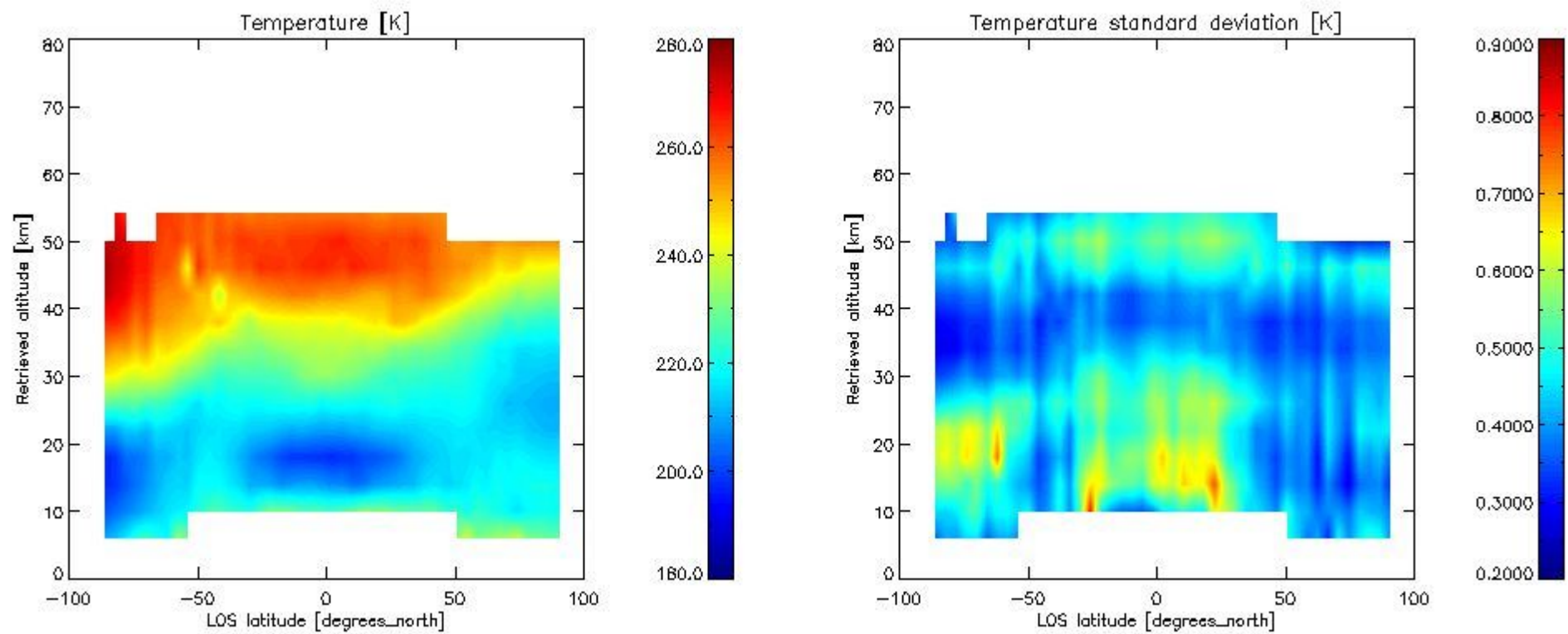
2.2.2 Pressure overview

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



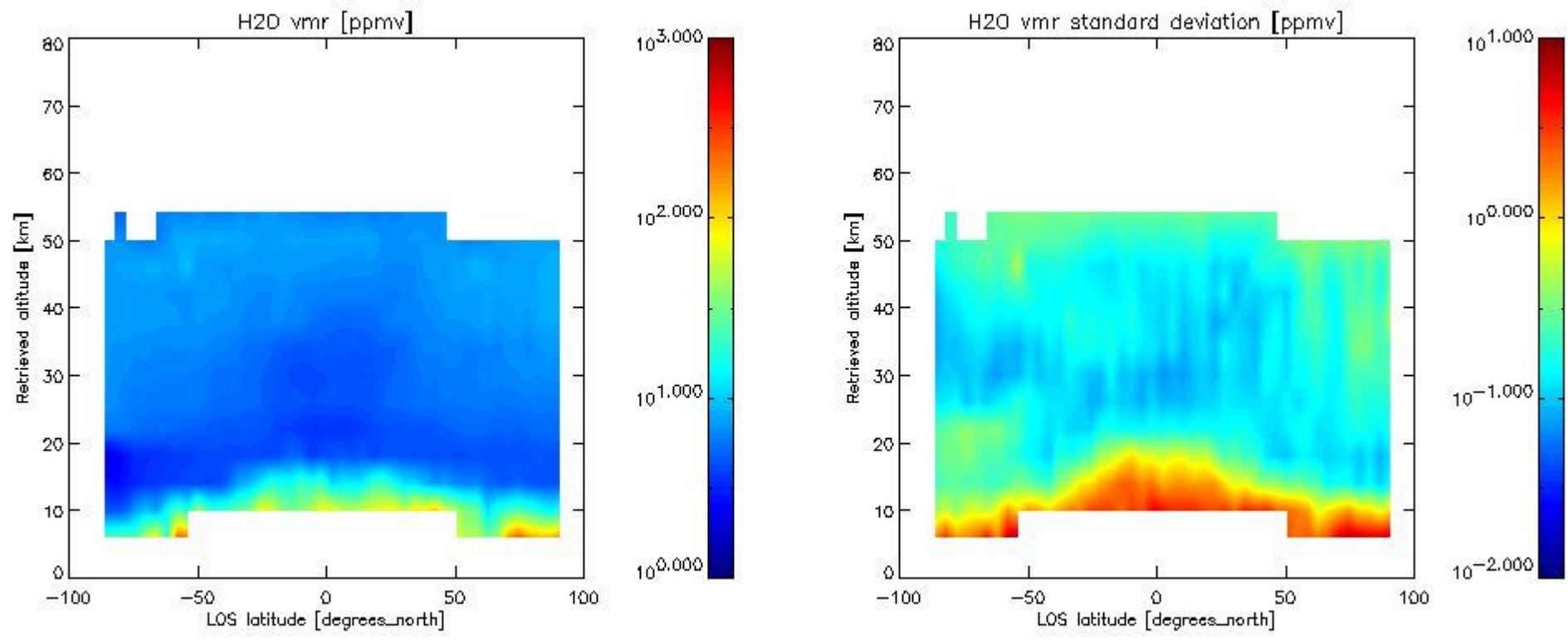
2.2.3 Temperature overview

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

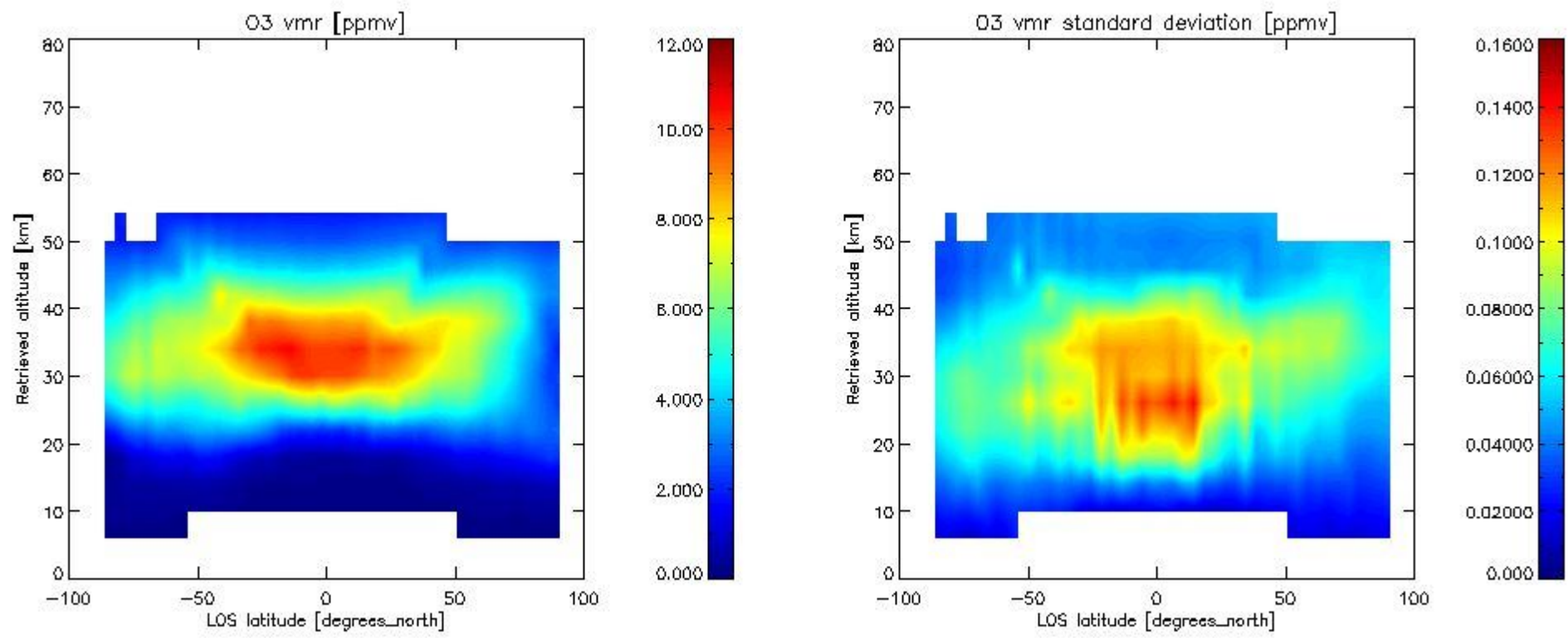


2.2.4 Species overview

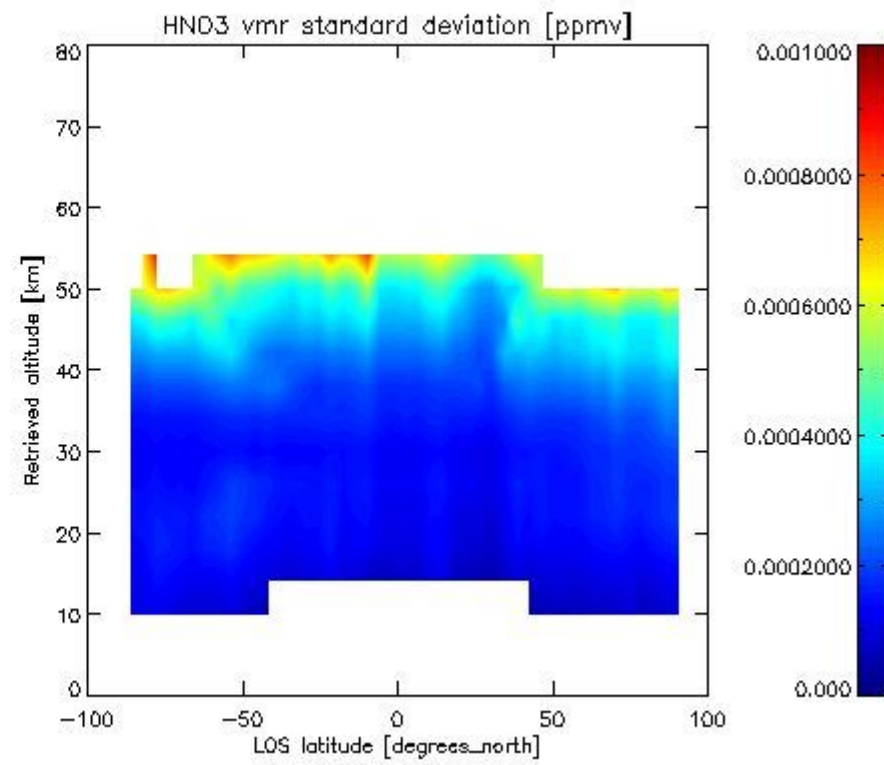
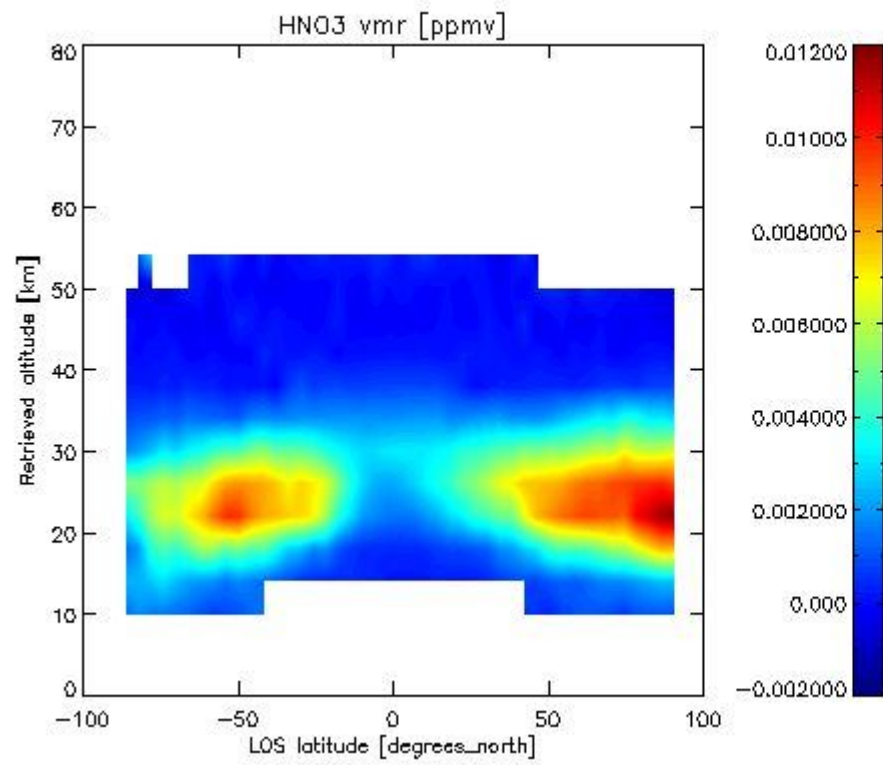
2.2.4.1 H₂O overview This section shows values (left) and error (right) for H₂O after binning individual sweep values over retrieved altitude and tangent latitude.



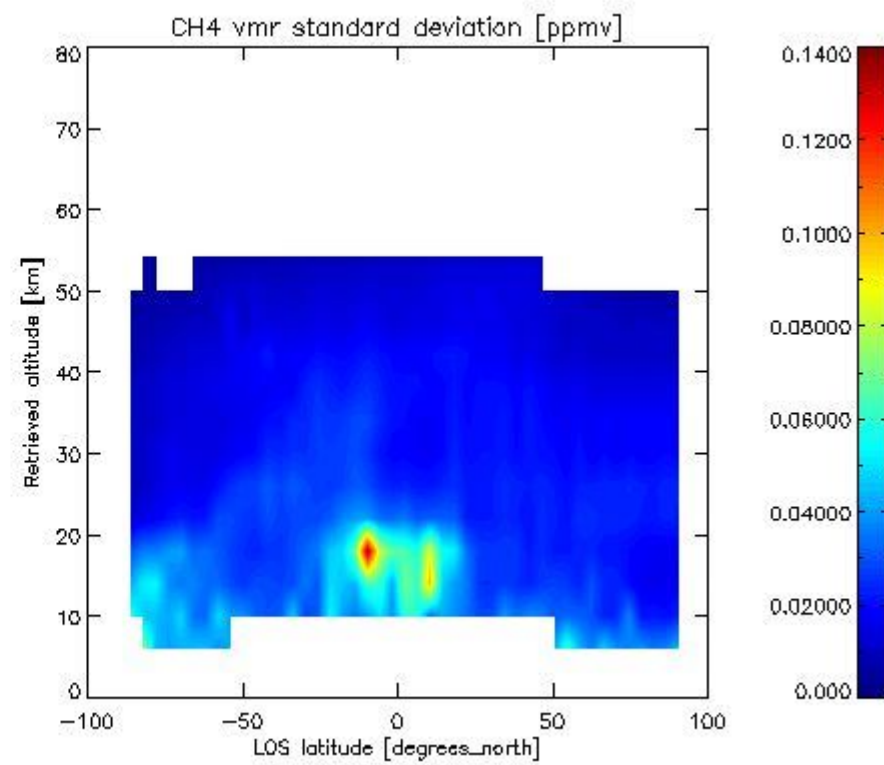
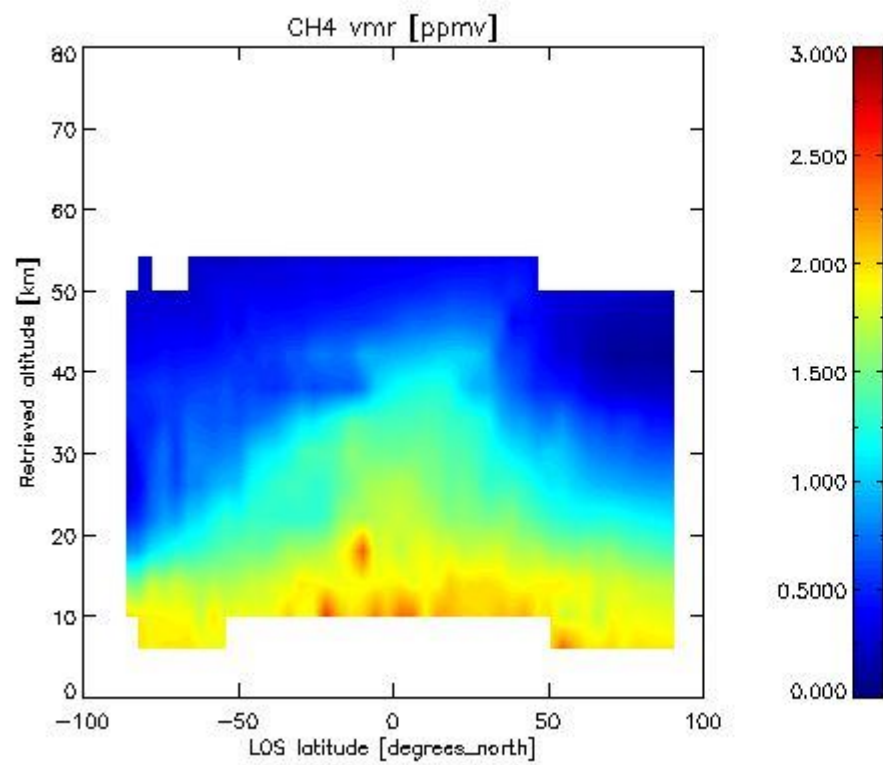
2.2.4.2 O3 overview This section shows values (left) and error (right) for O3 after binning individual sweep values over retrieved altitude and tangent latitude.



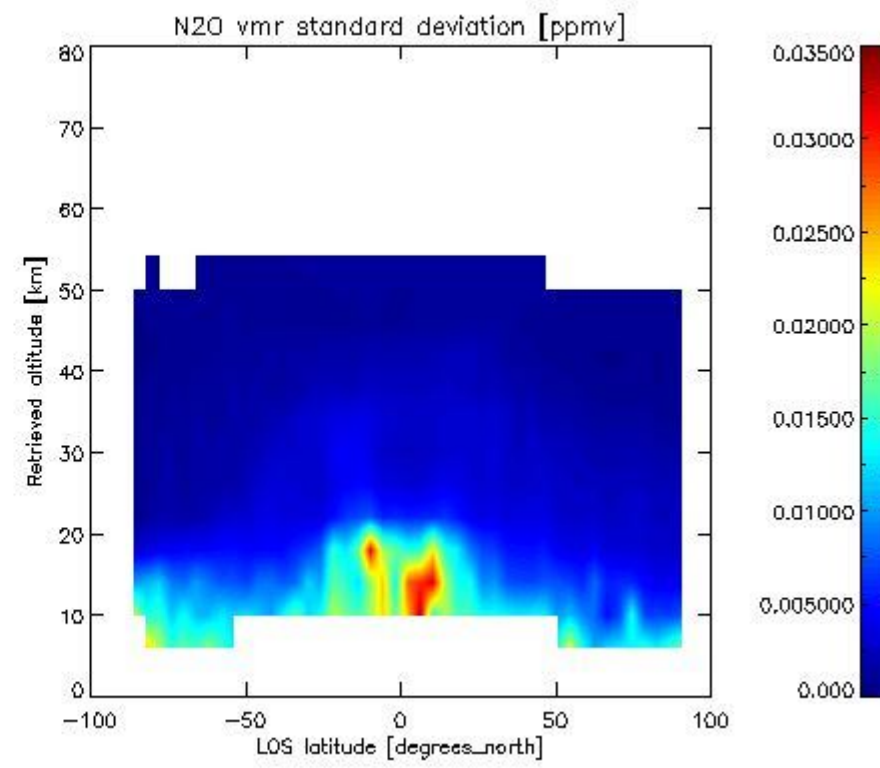
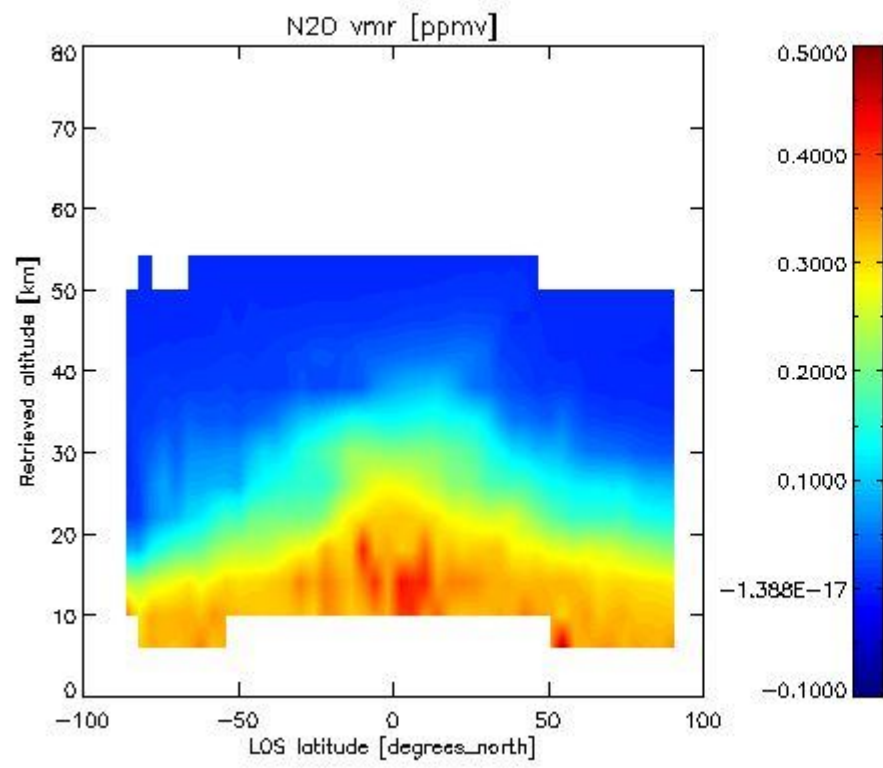
2.2.4.3 HNO3 overview This section shows values (left) and error (right) for HNO3 after binning individual sweep values over retrieved altitude and tangent latitude.



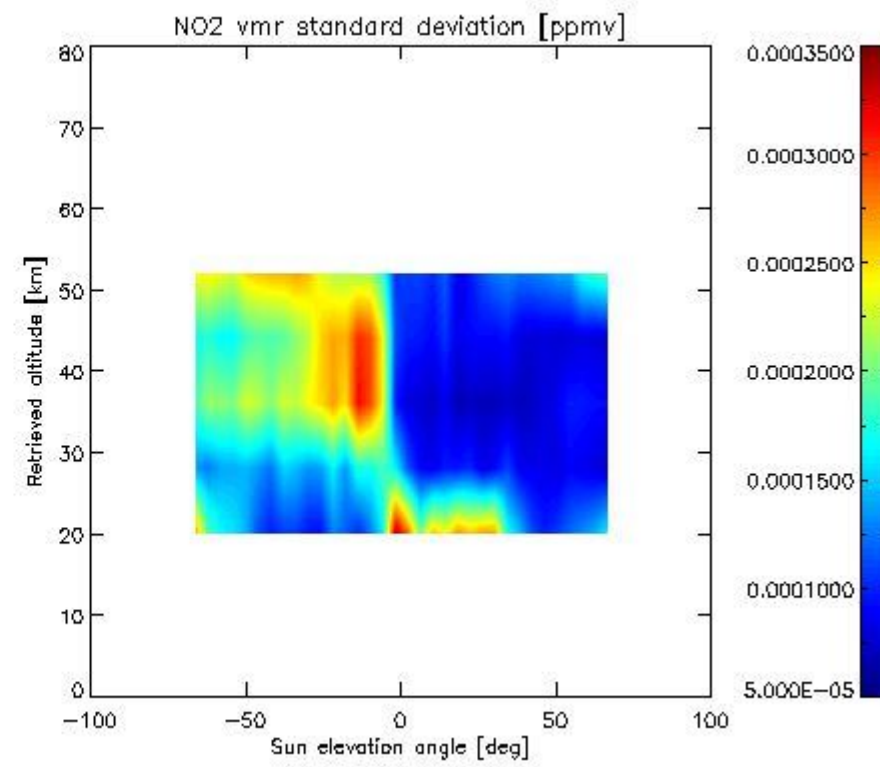
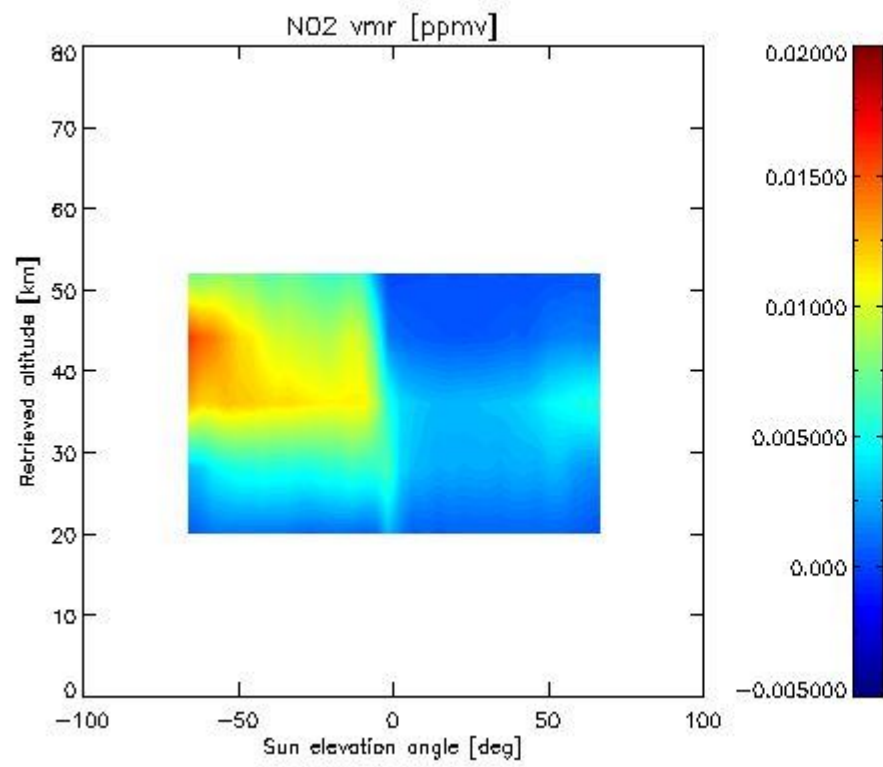
2.2.4.4 CH4 overview This section shows values (left) and error (right) for CH4 after binning individual sweep values over retrieved altitude and tangent latitude.



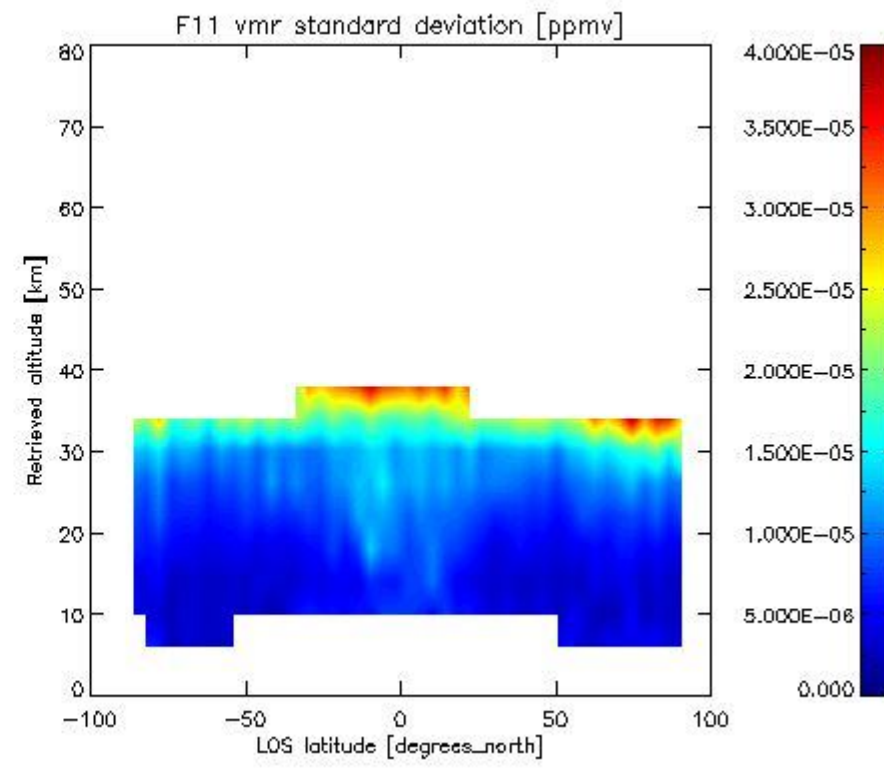
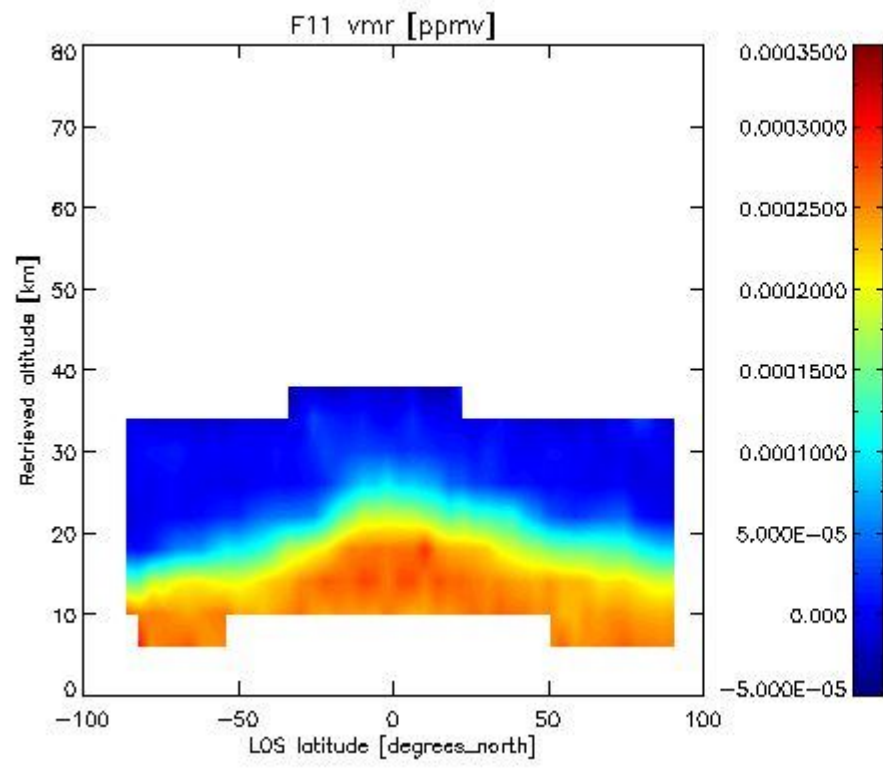
2.2.4.5 N2O overview This section shows values (left) and error (right) for N2O after binning individual sweep values over retrieved altitude and tangent latitude.



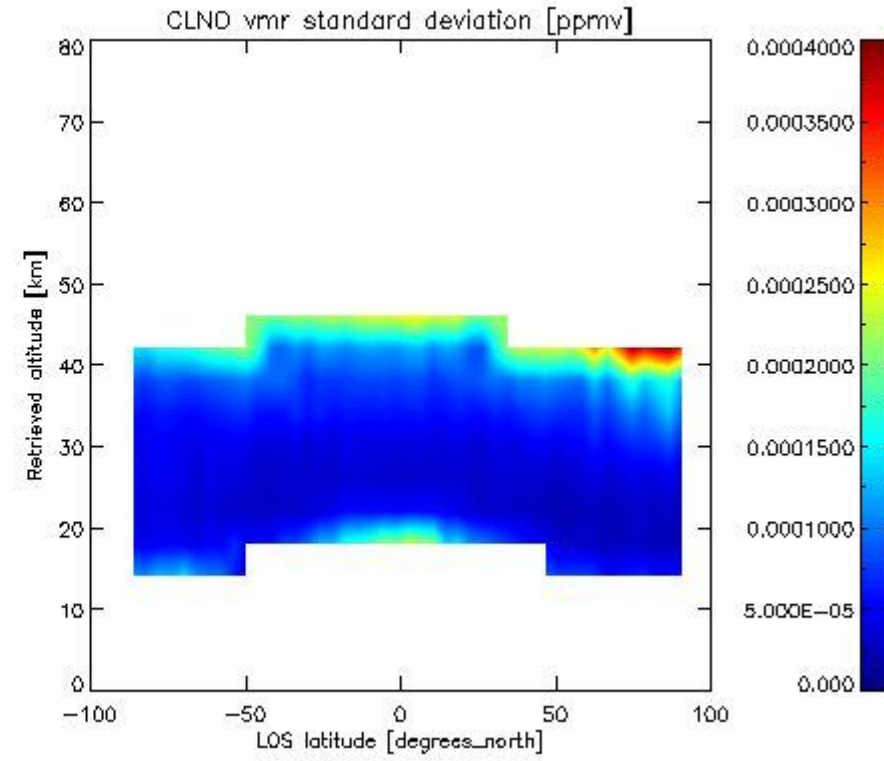
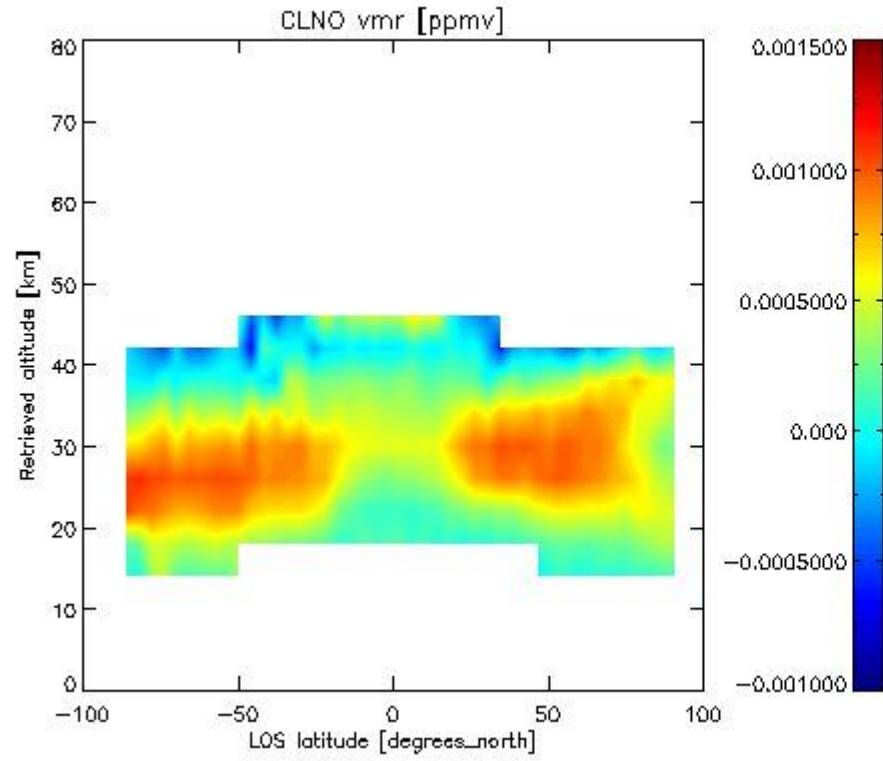
2.2.4.6 NO₂ overview This section shows values (left) and error (right) for NO₂ after binning individual sweep values over retrieved altitude and Sun Elevation Angle. Note that for NO₂ the bin heights are 6 km.

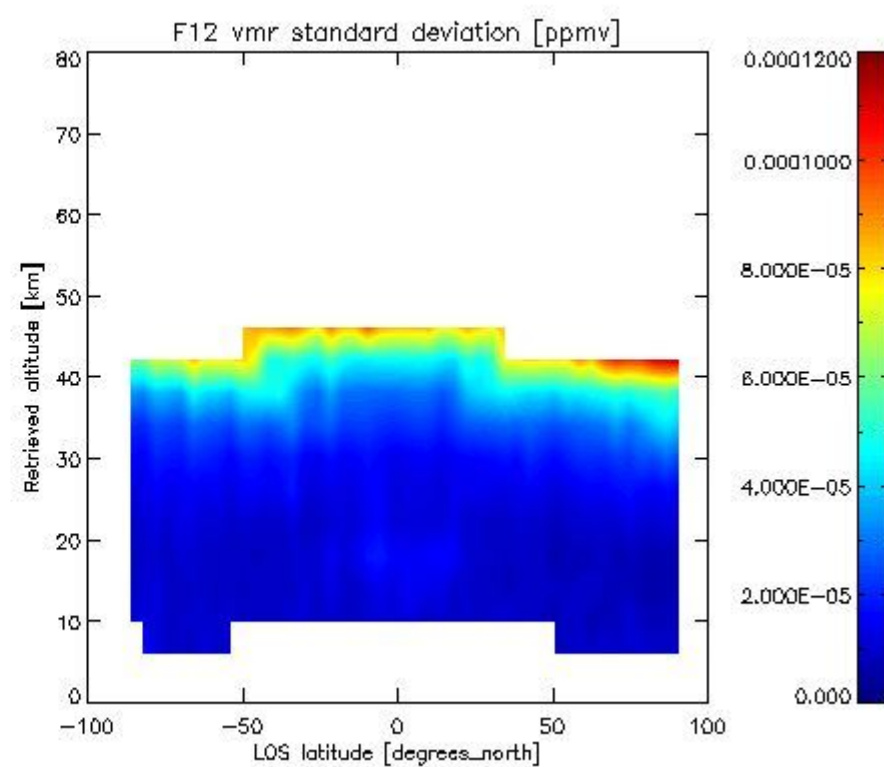
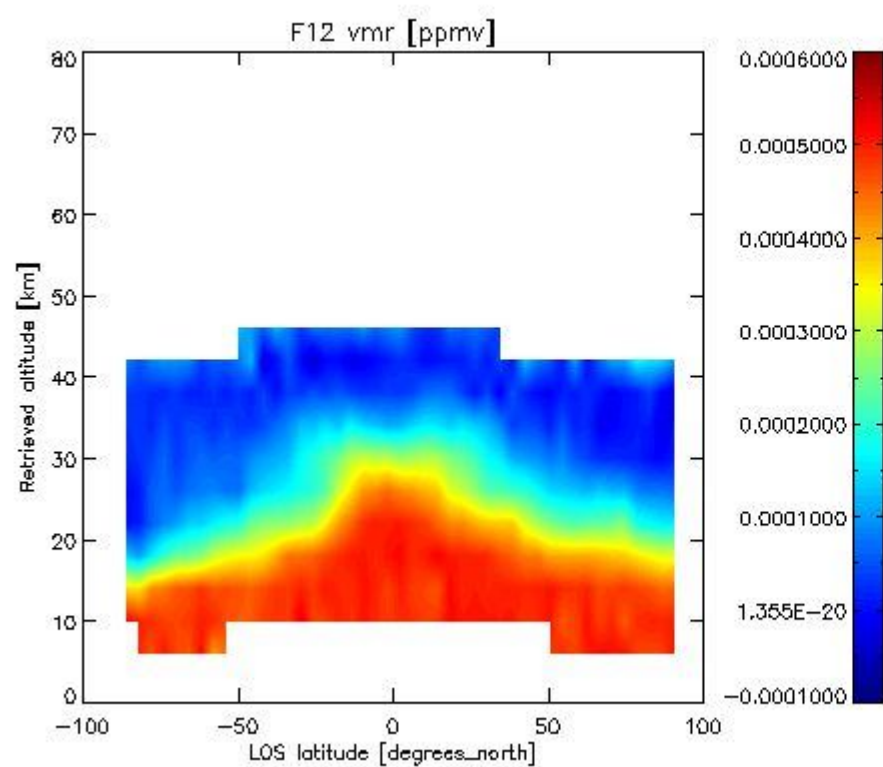
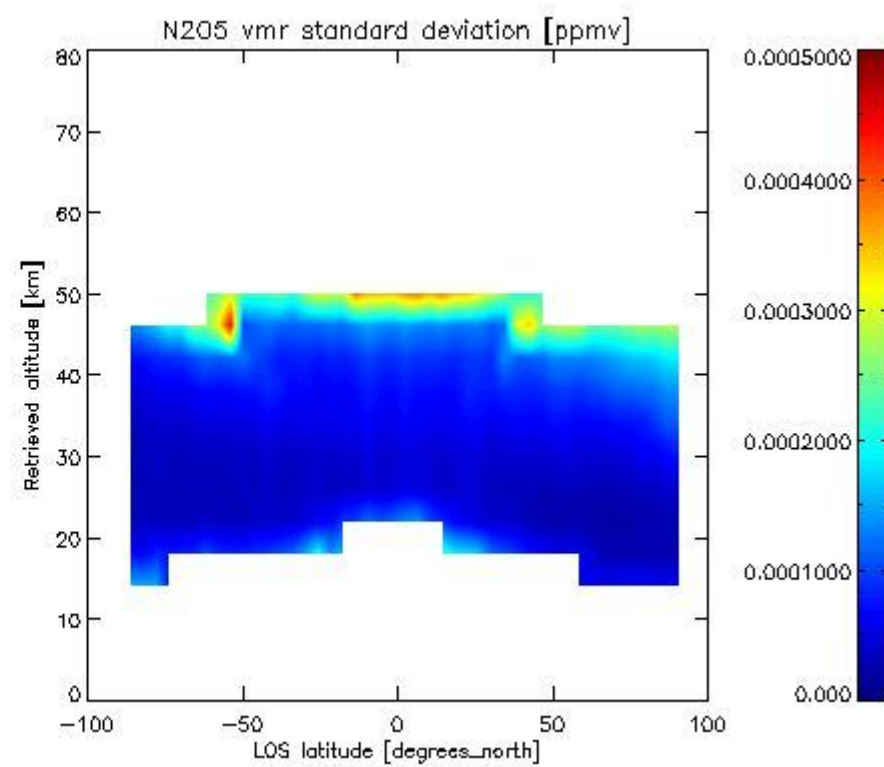
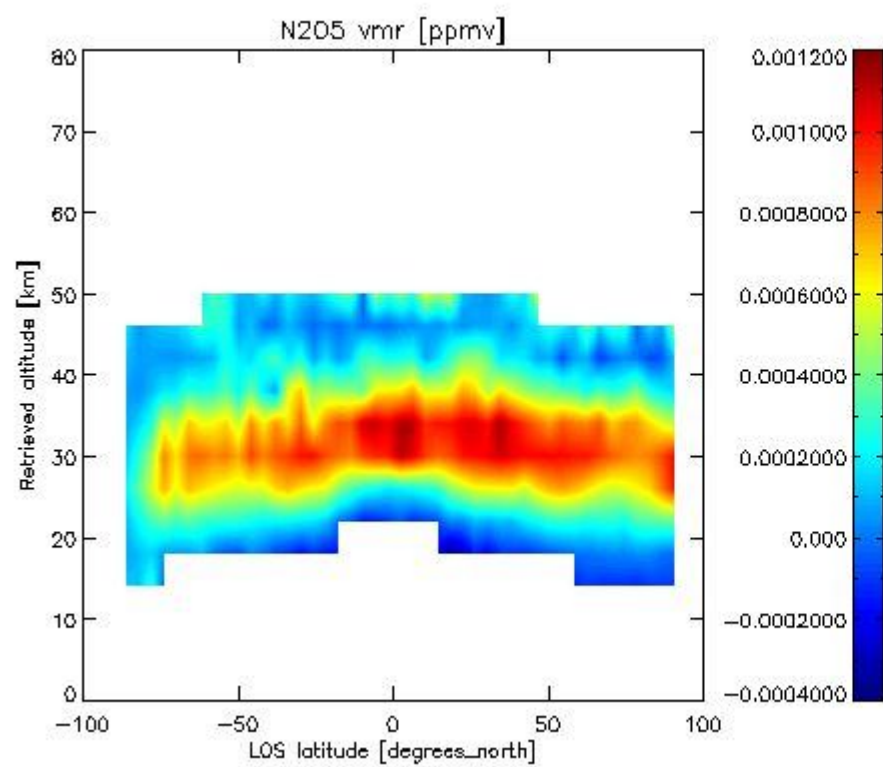


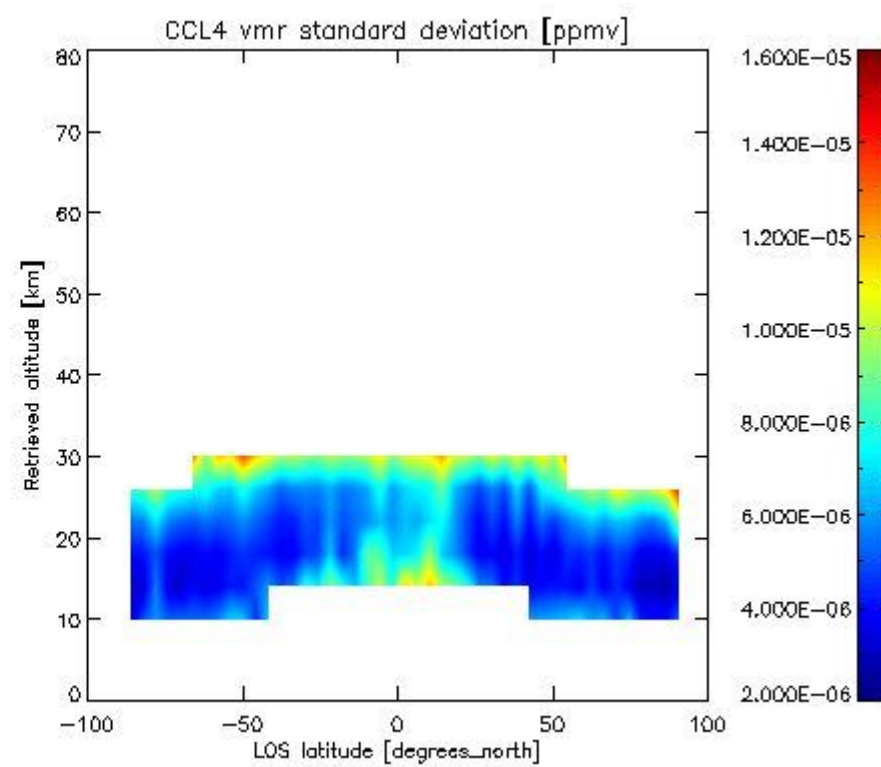
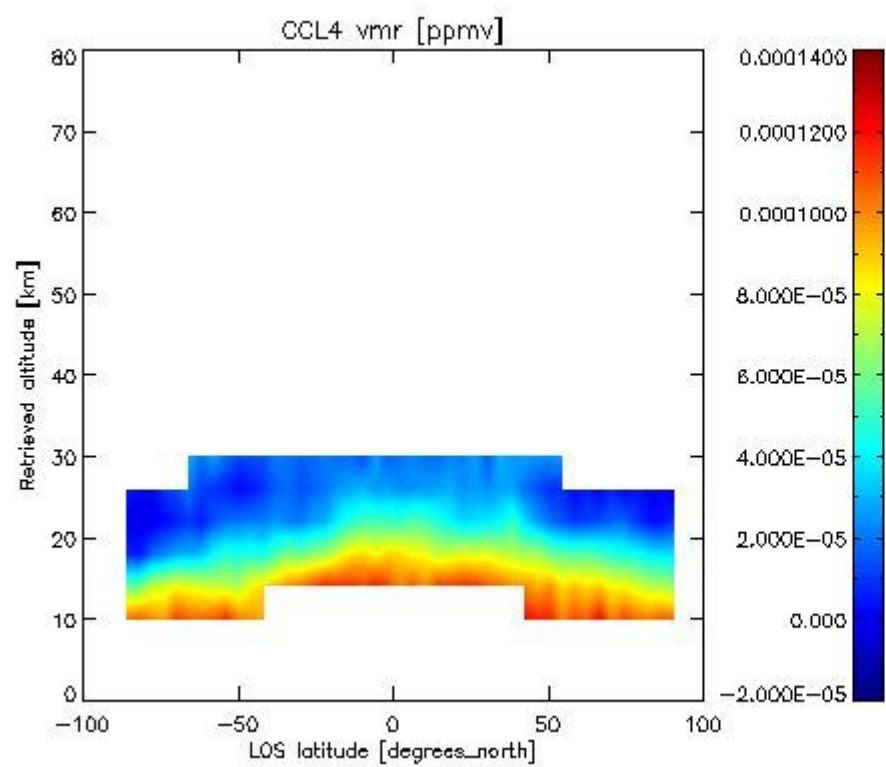
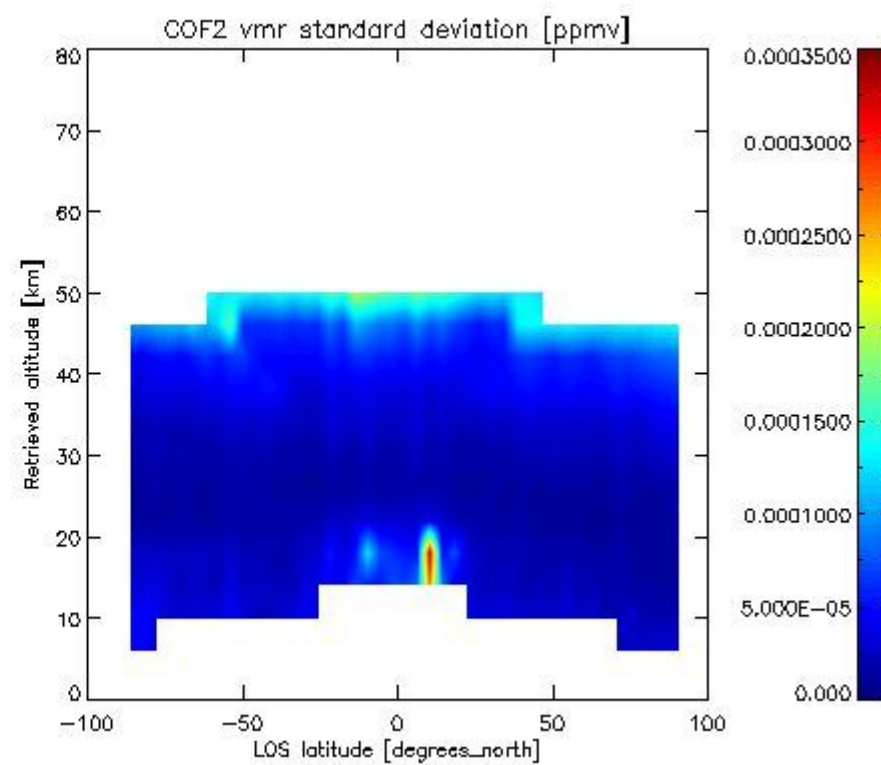
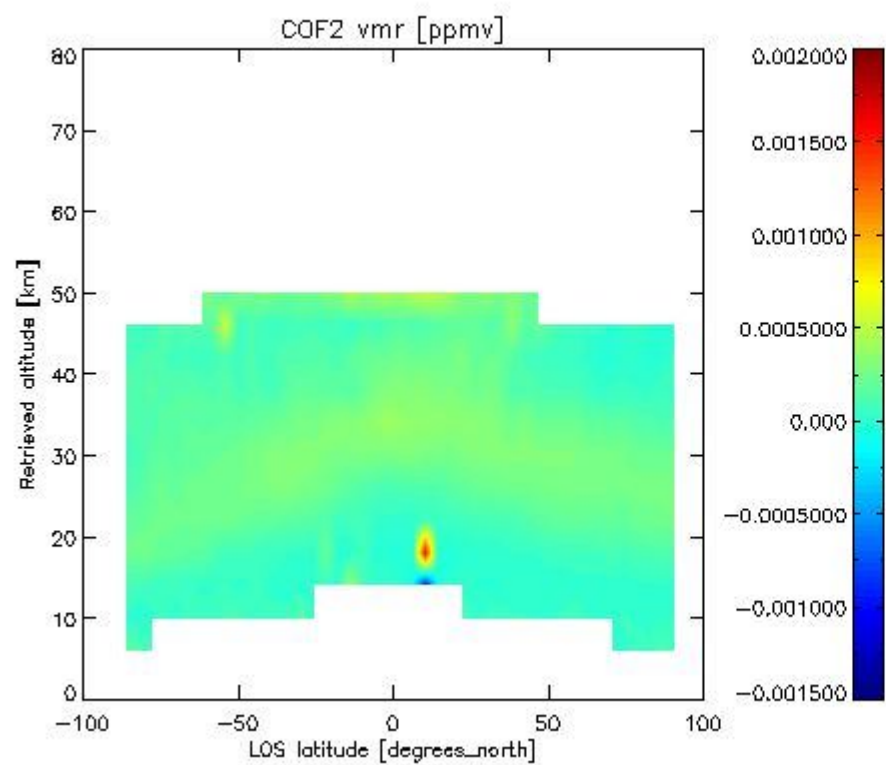
2.2.4.7 F11 overview This section shows values (left) and error (right) for F11 after binning individual sweep values over retrieved altitude and tangent latitude.

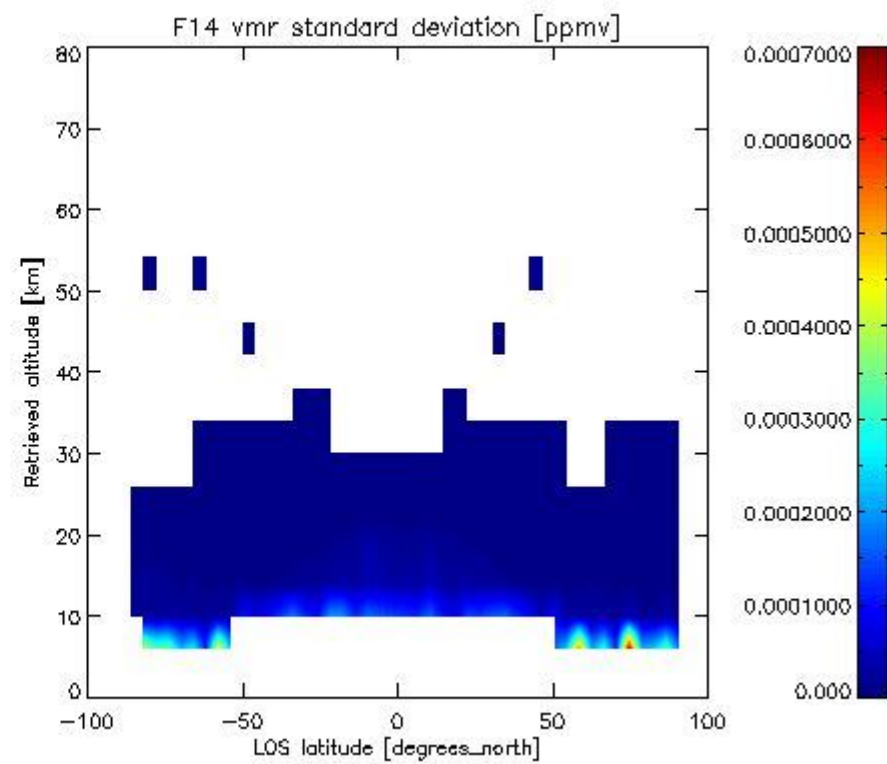
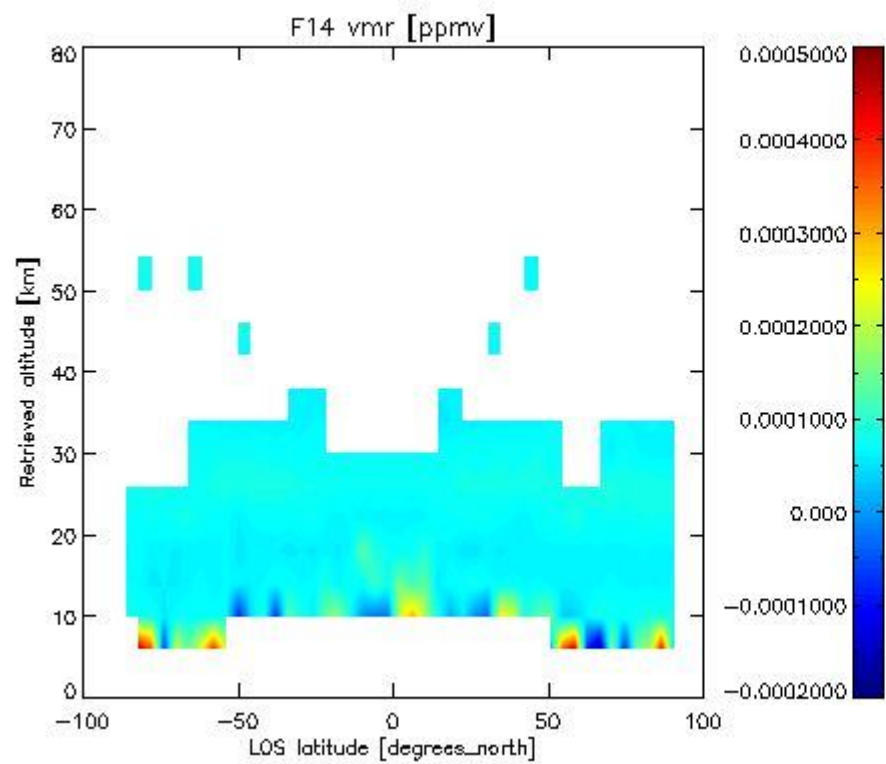
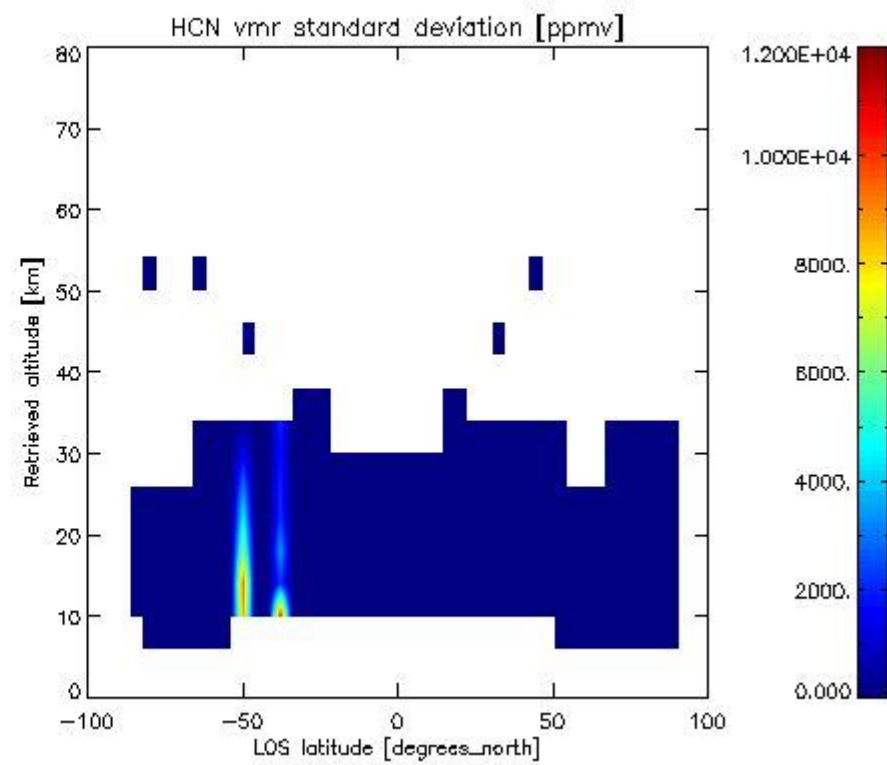
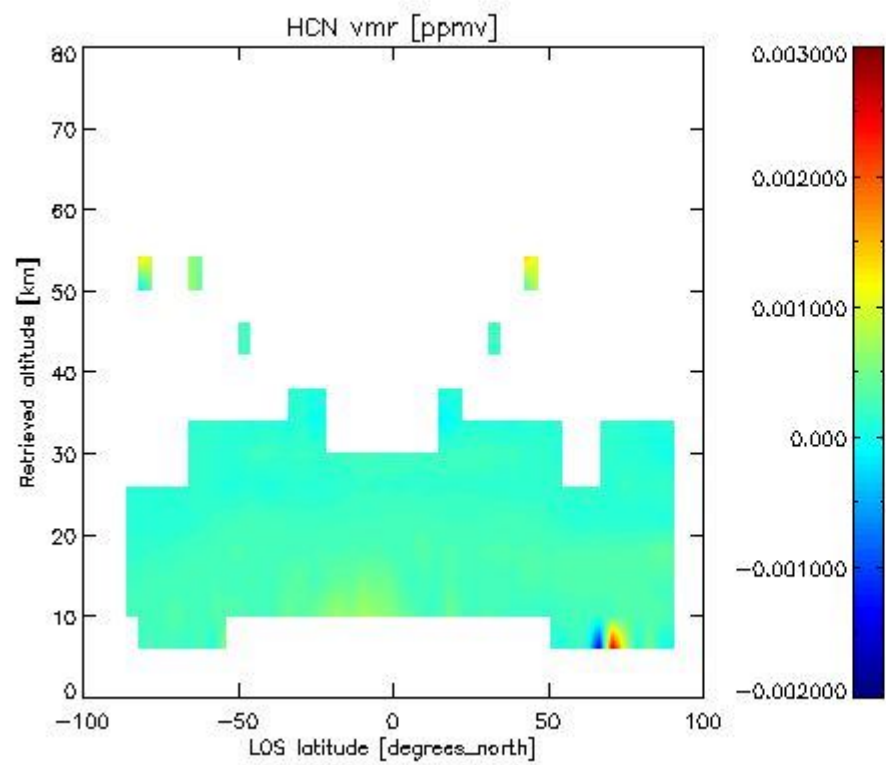


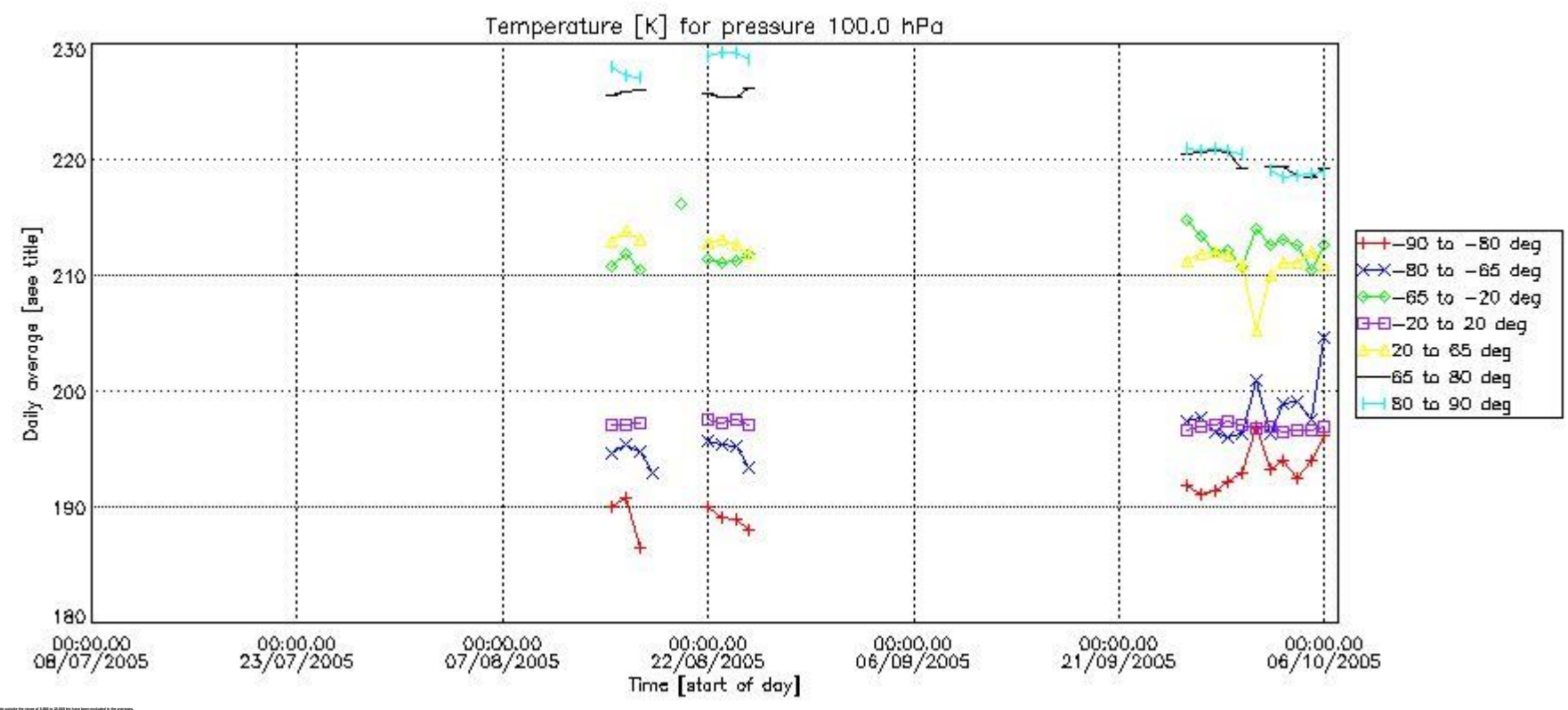
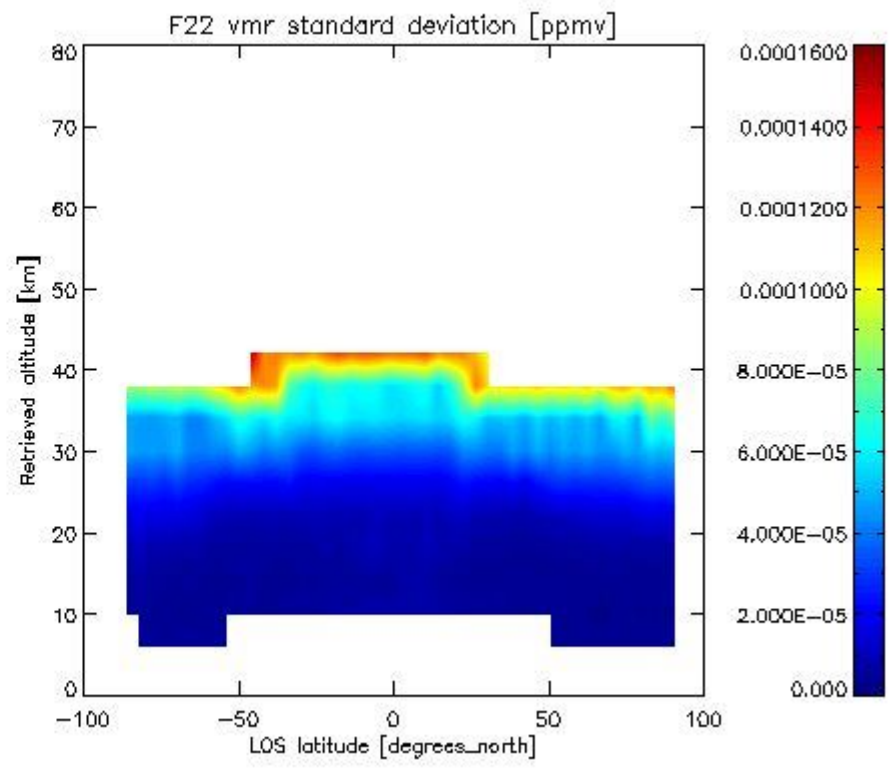
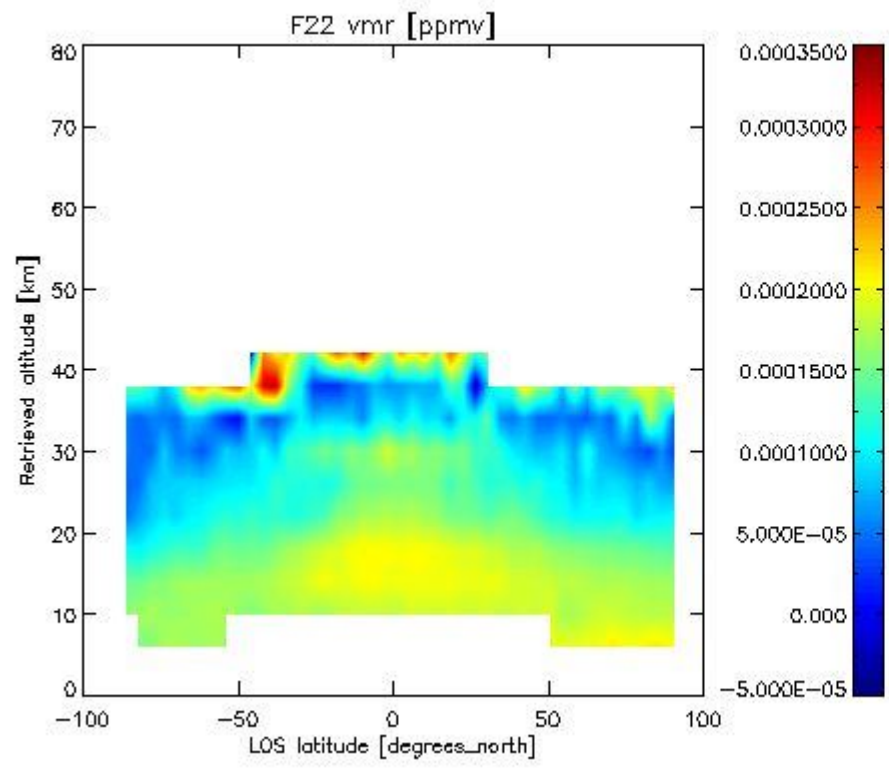
2.3.4 CLNO overview This section shows values (left) and error (right) for CLNO after binning individual vmr values over retrieved altitude and target latitude.

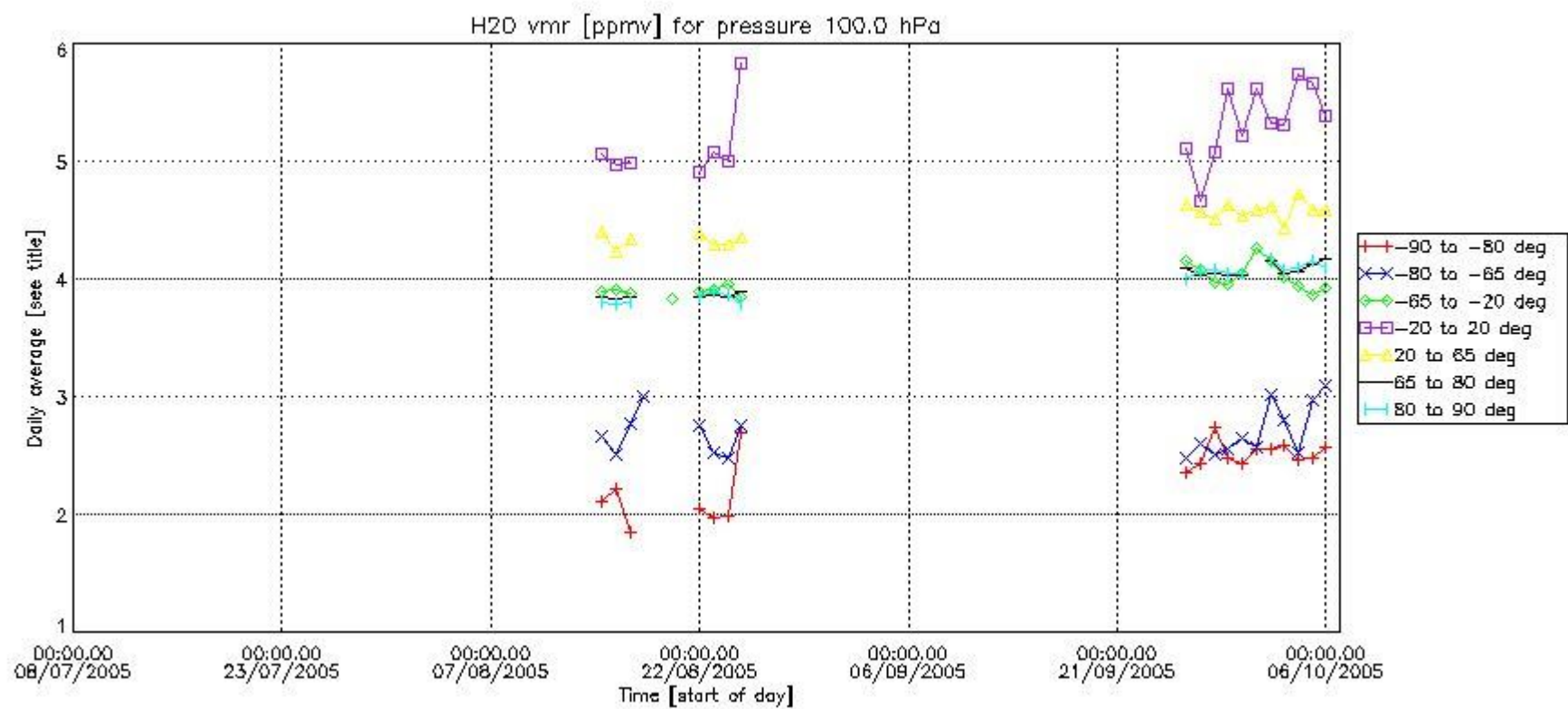
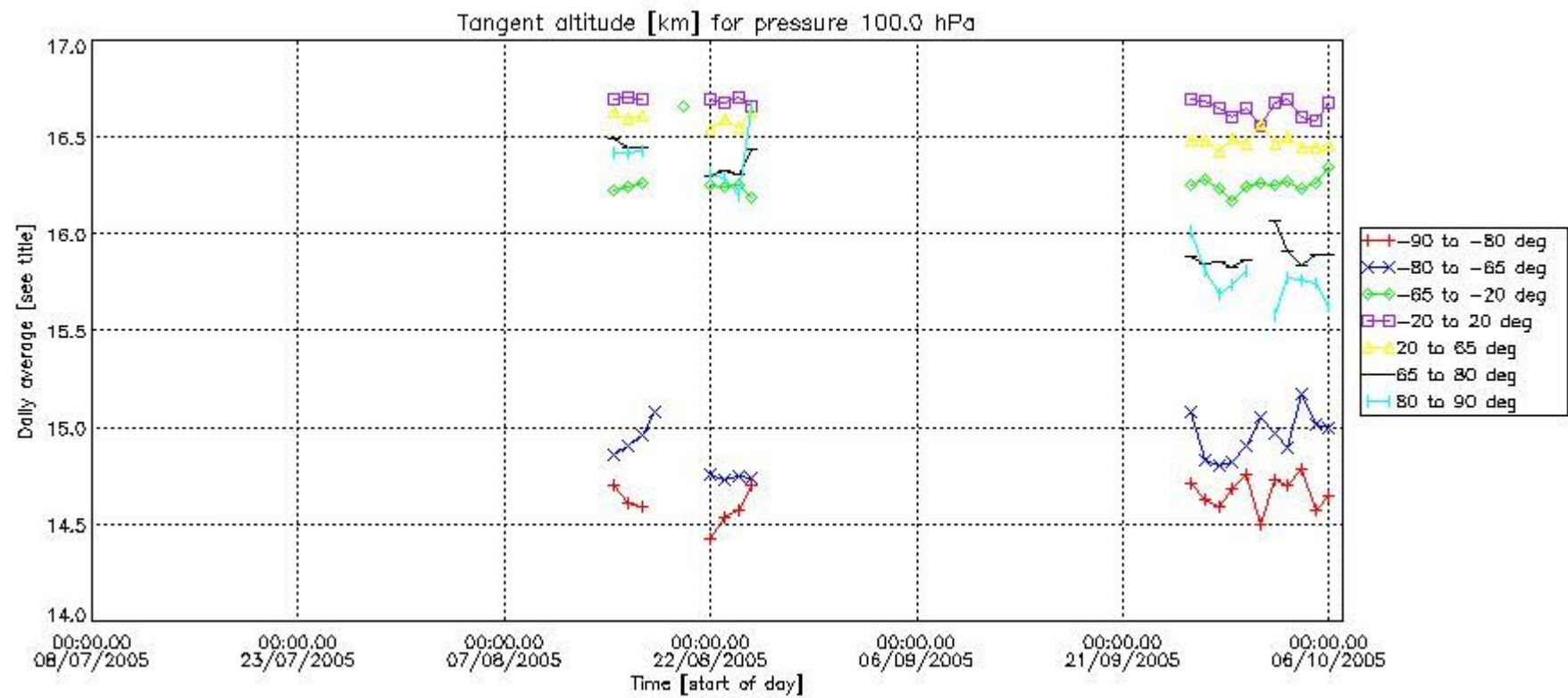


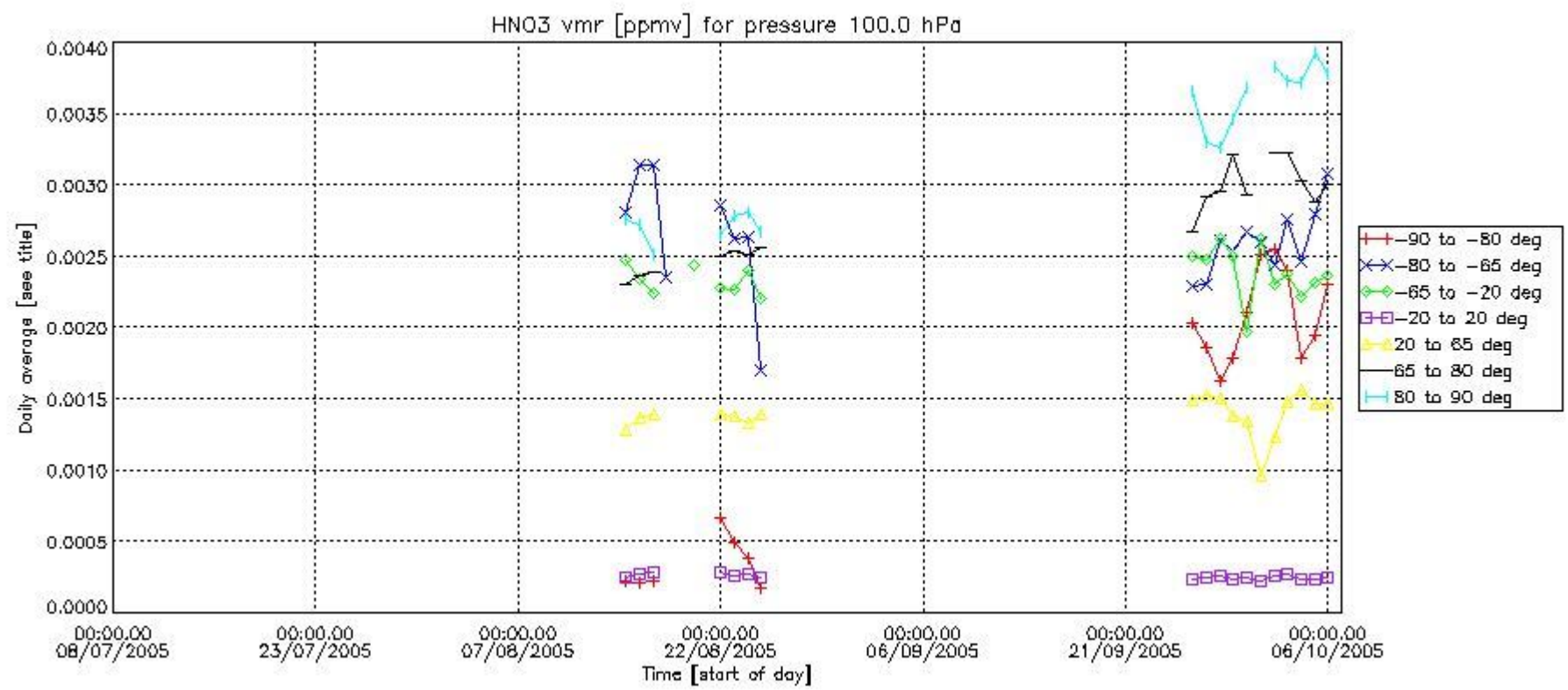
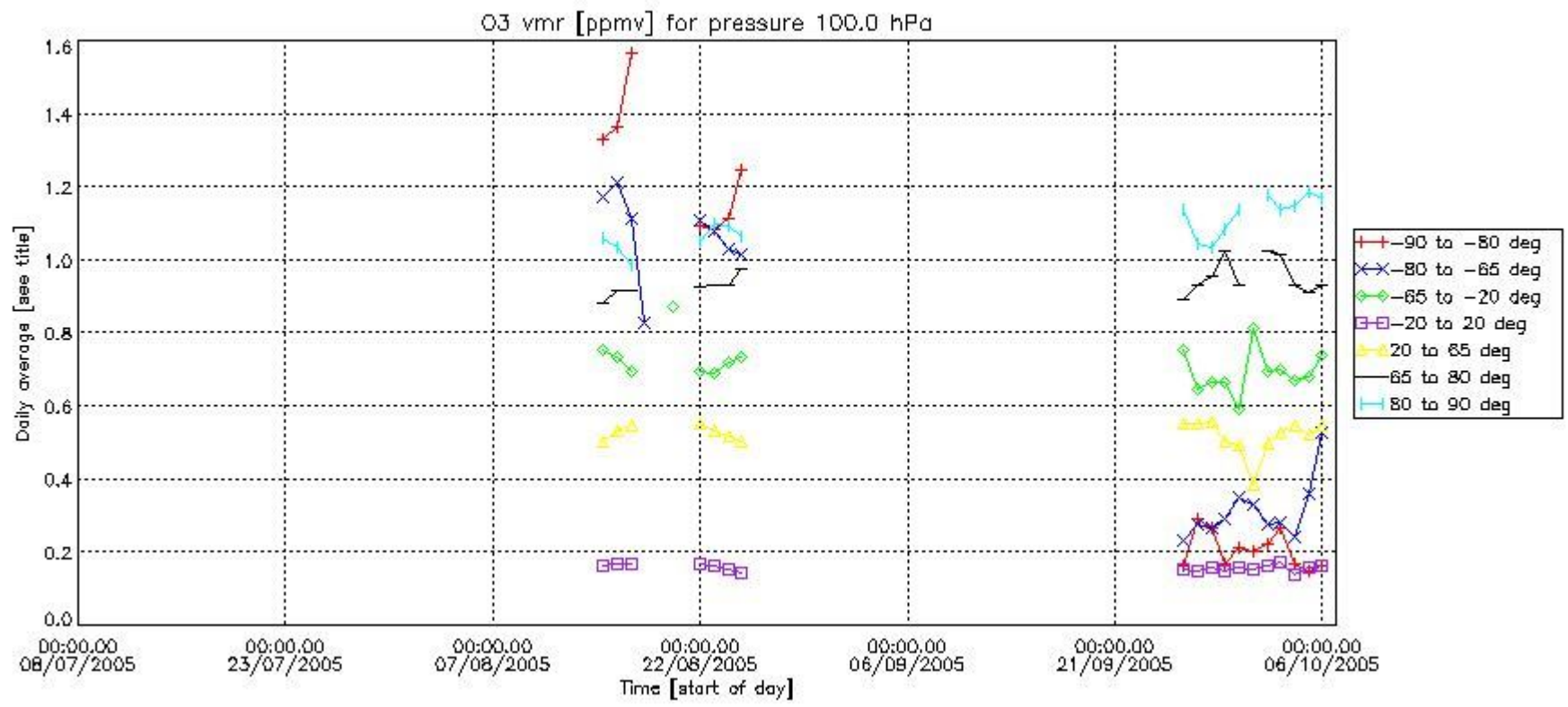


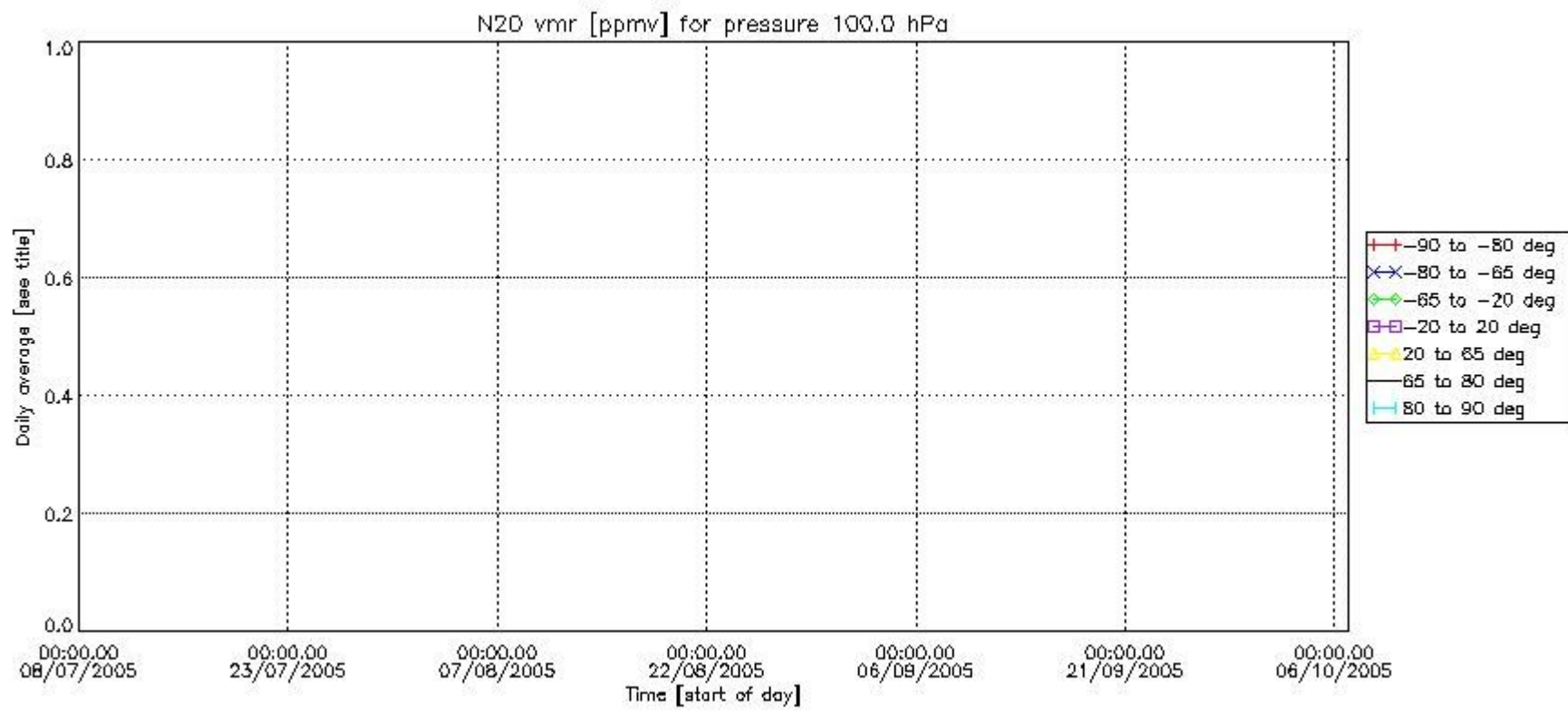
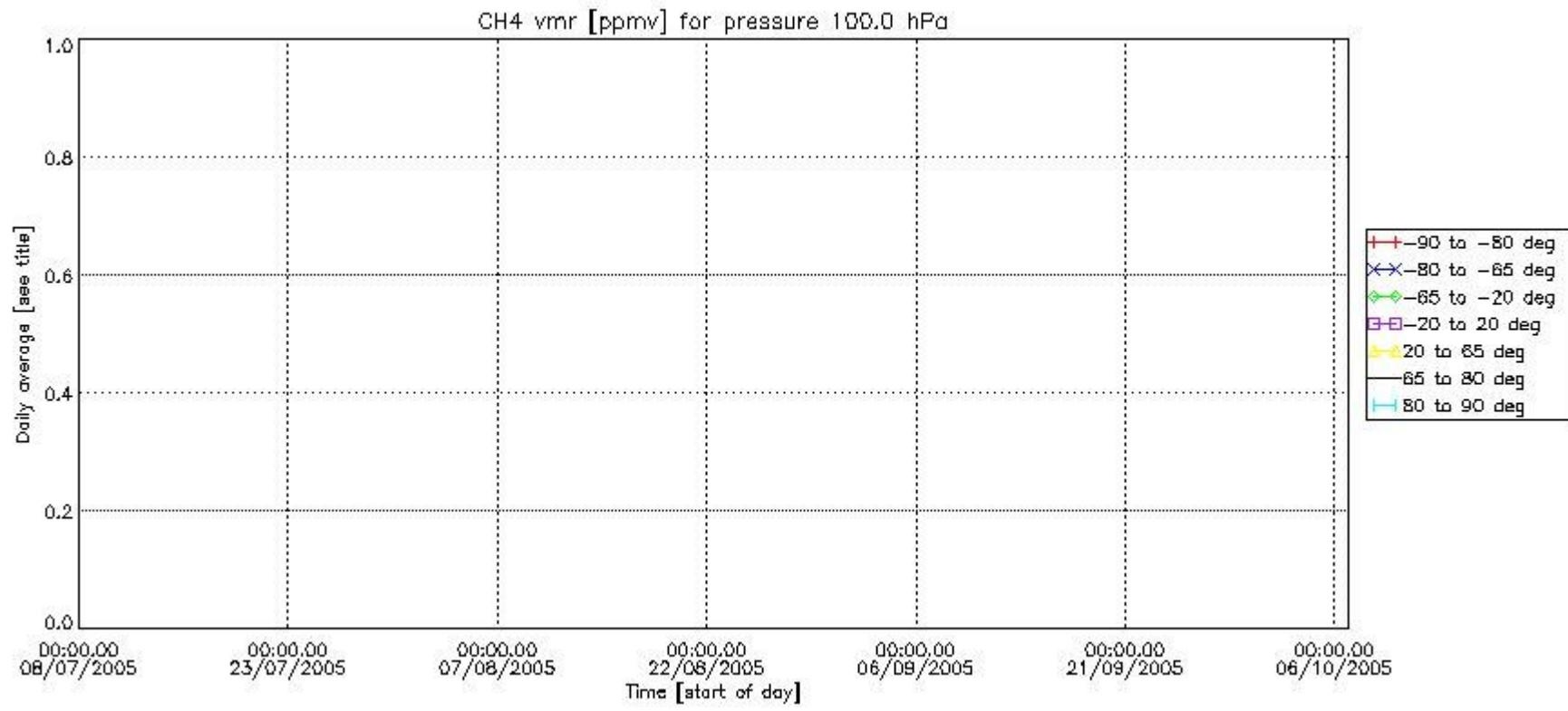


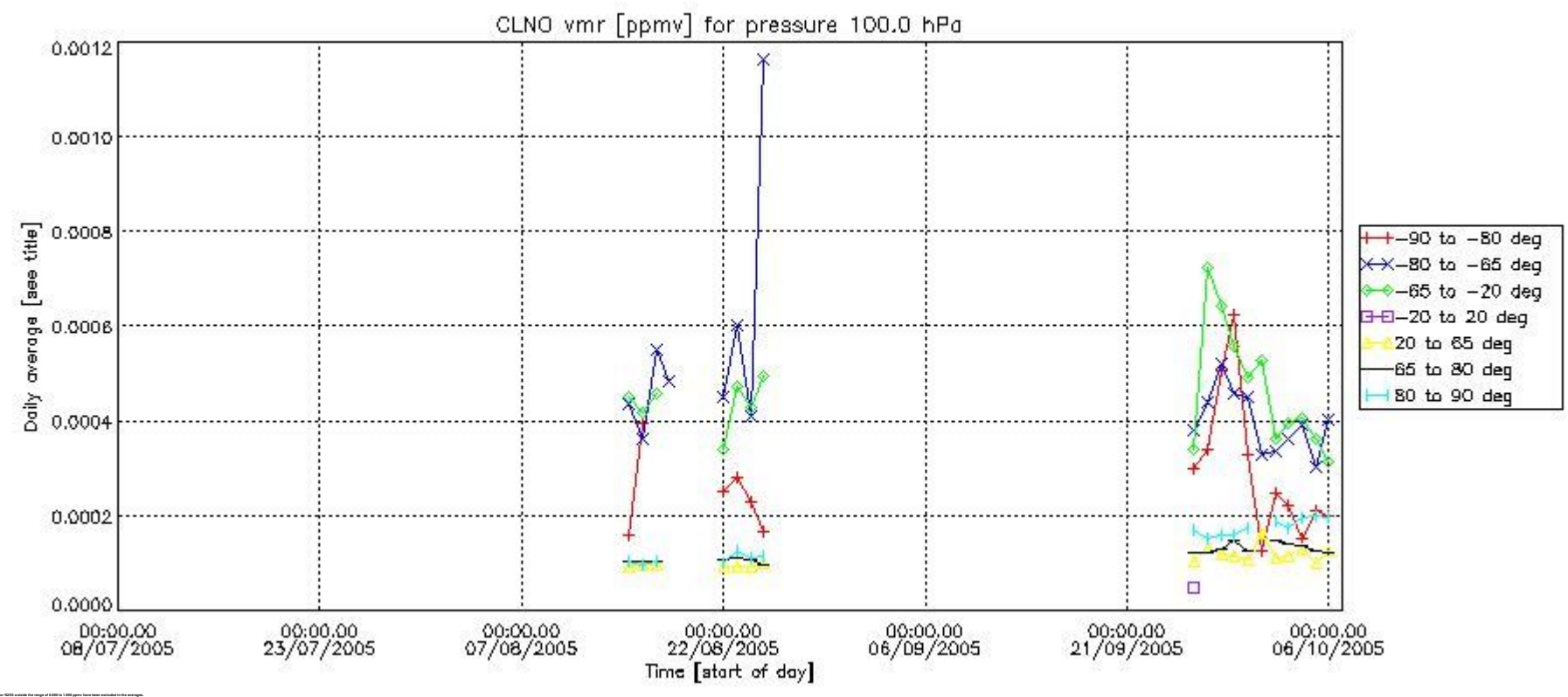
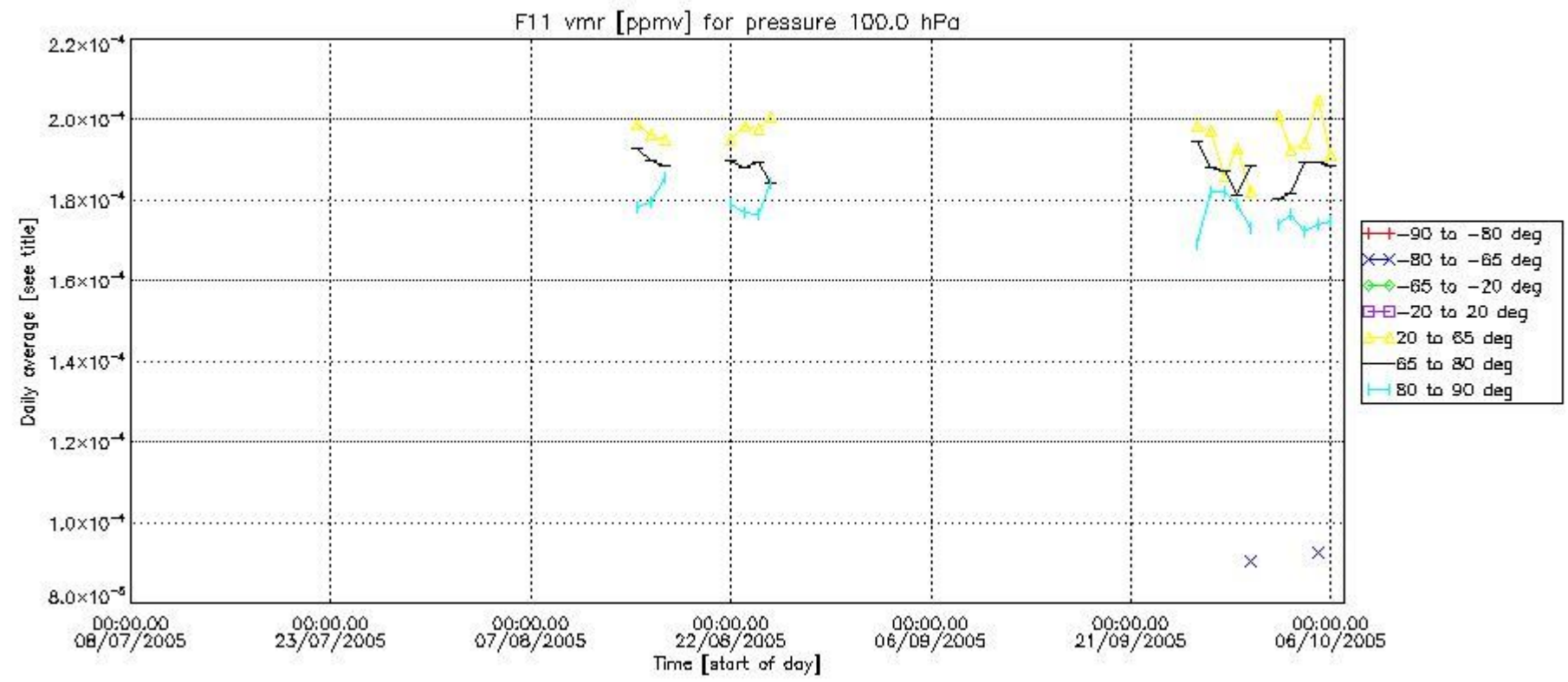


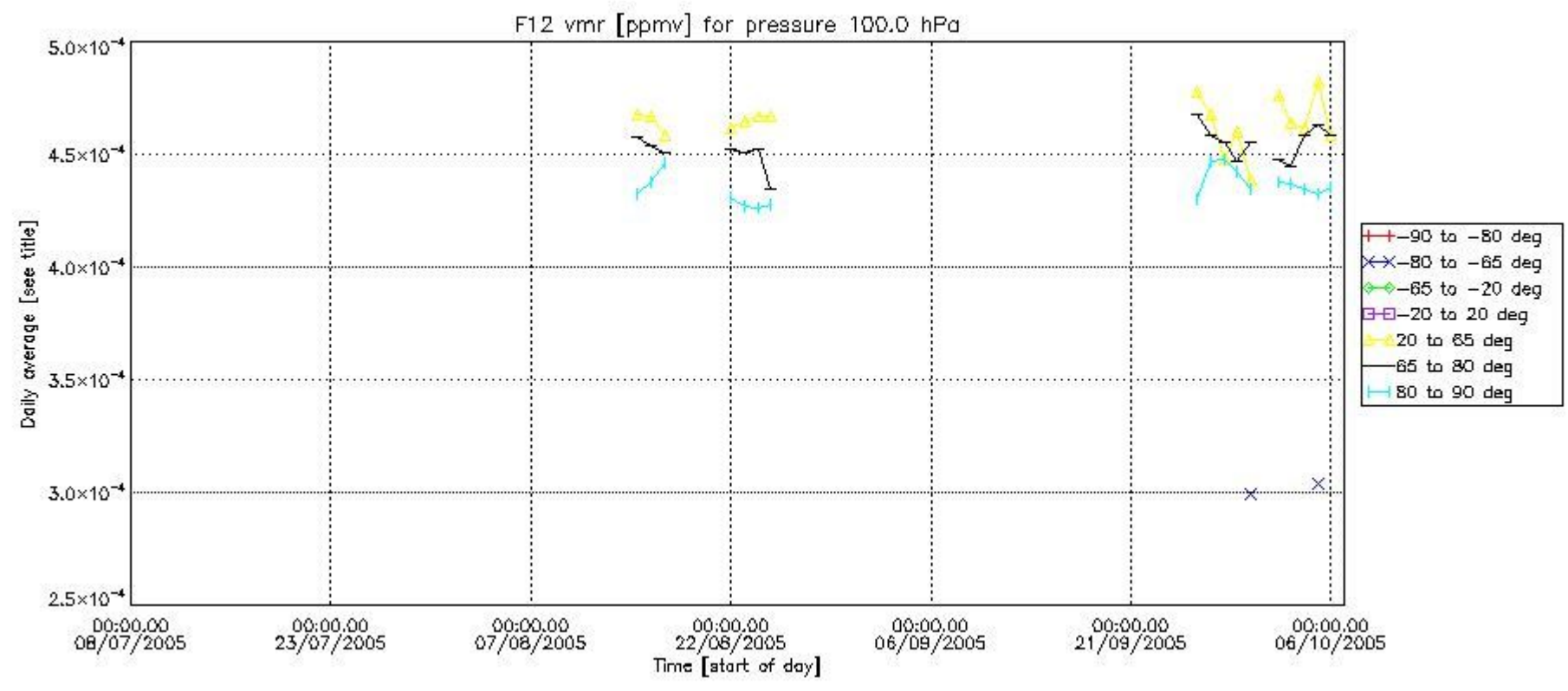
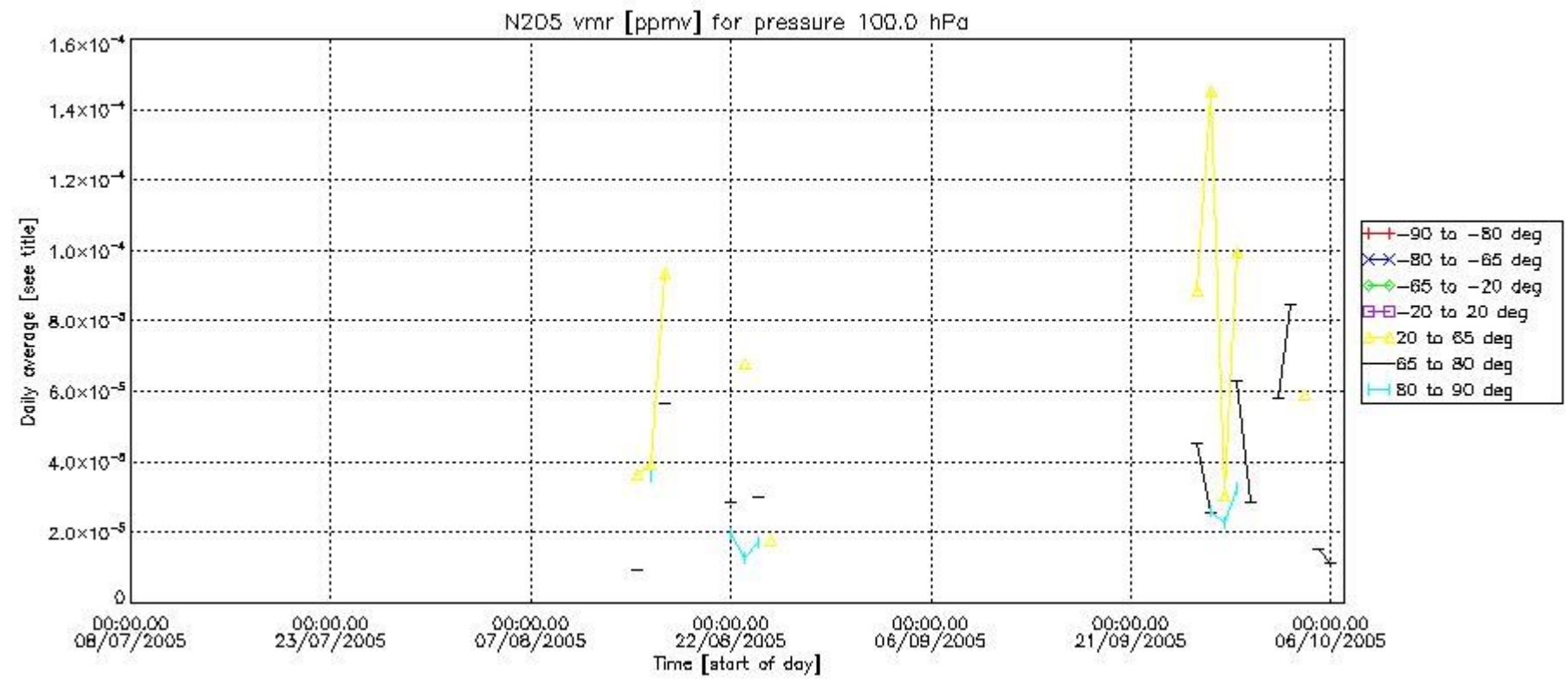


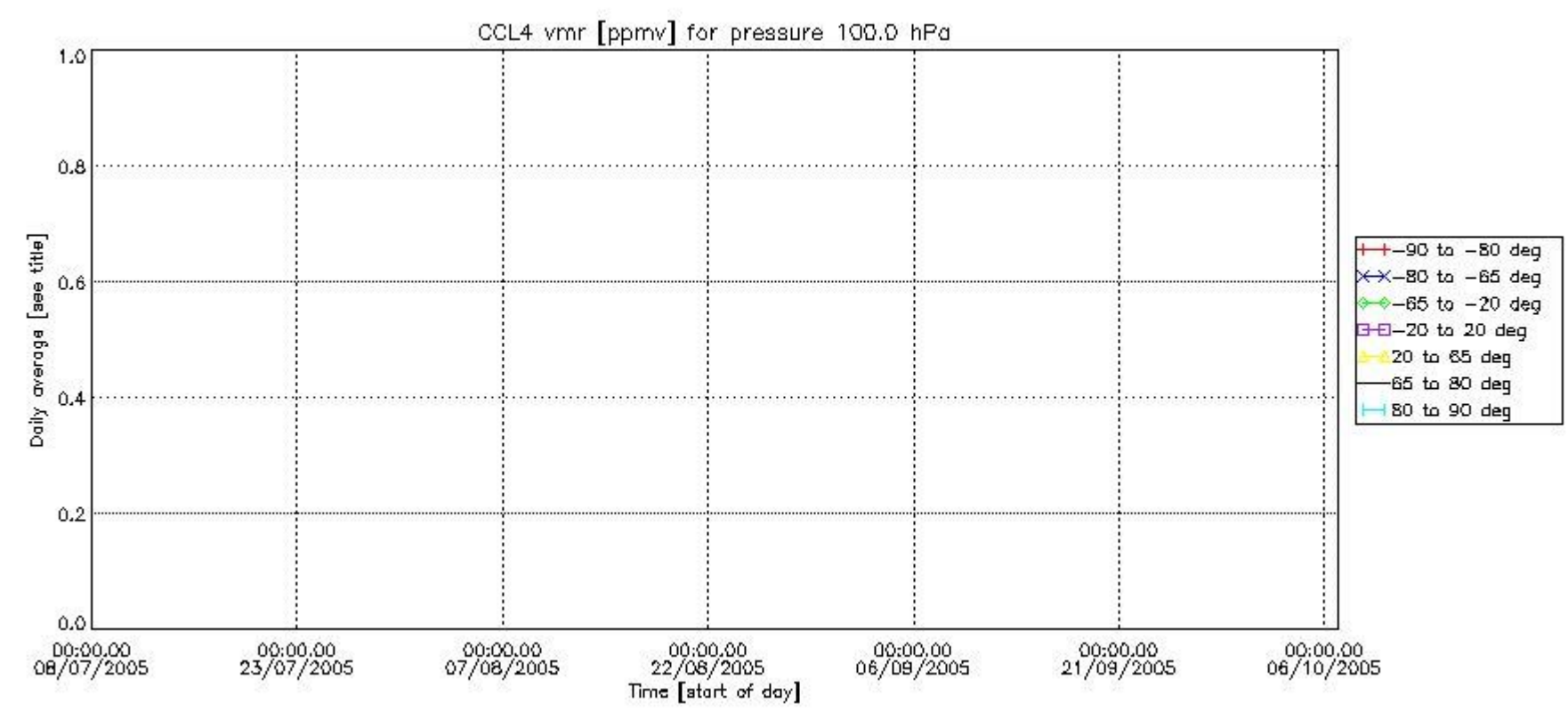
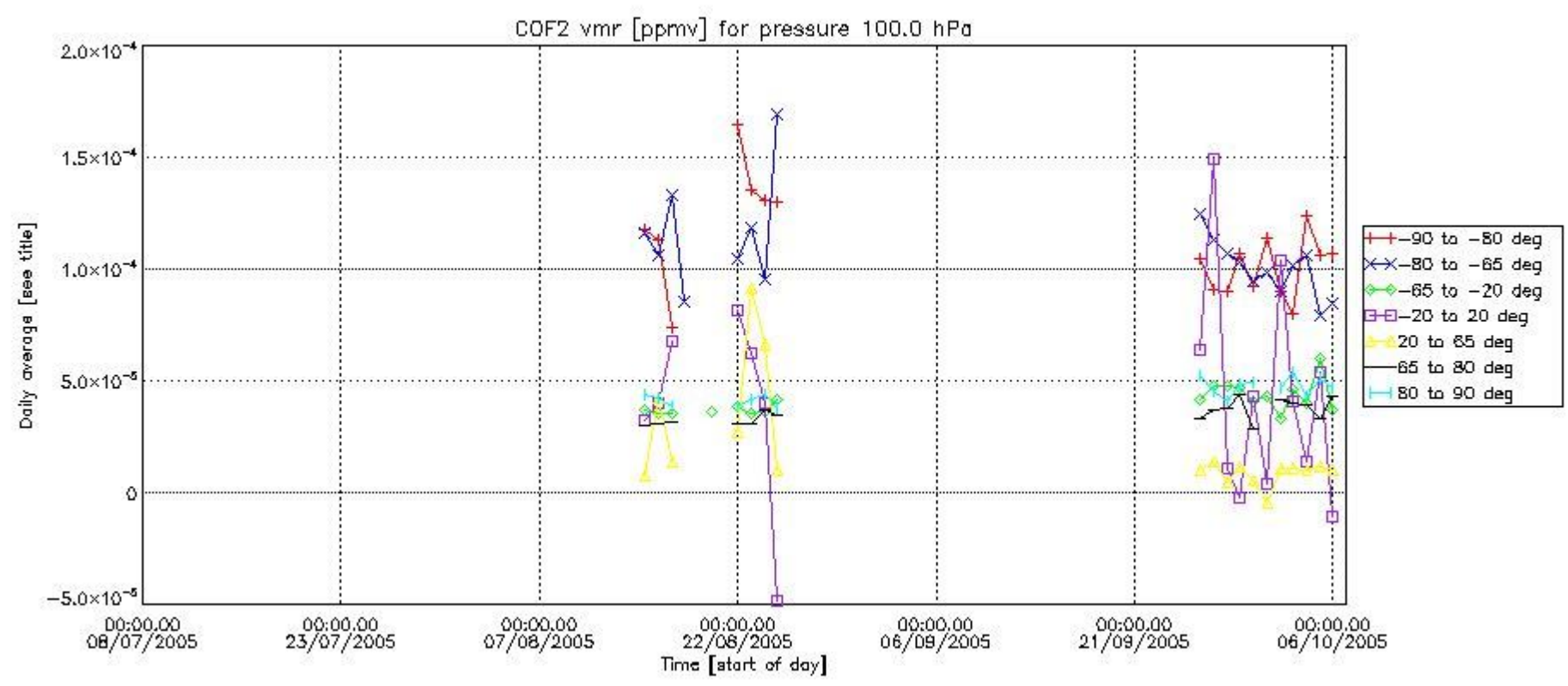


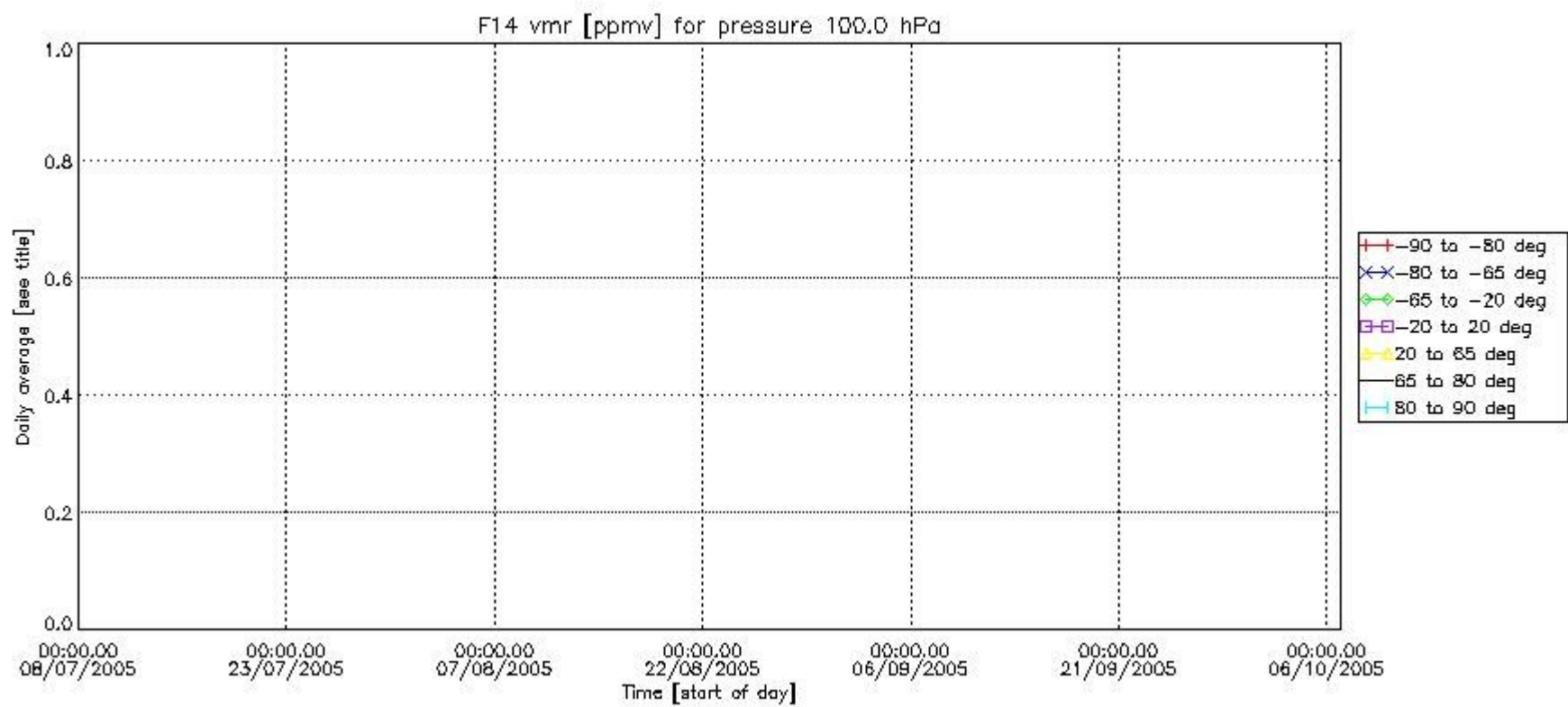
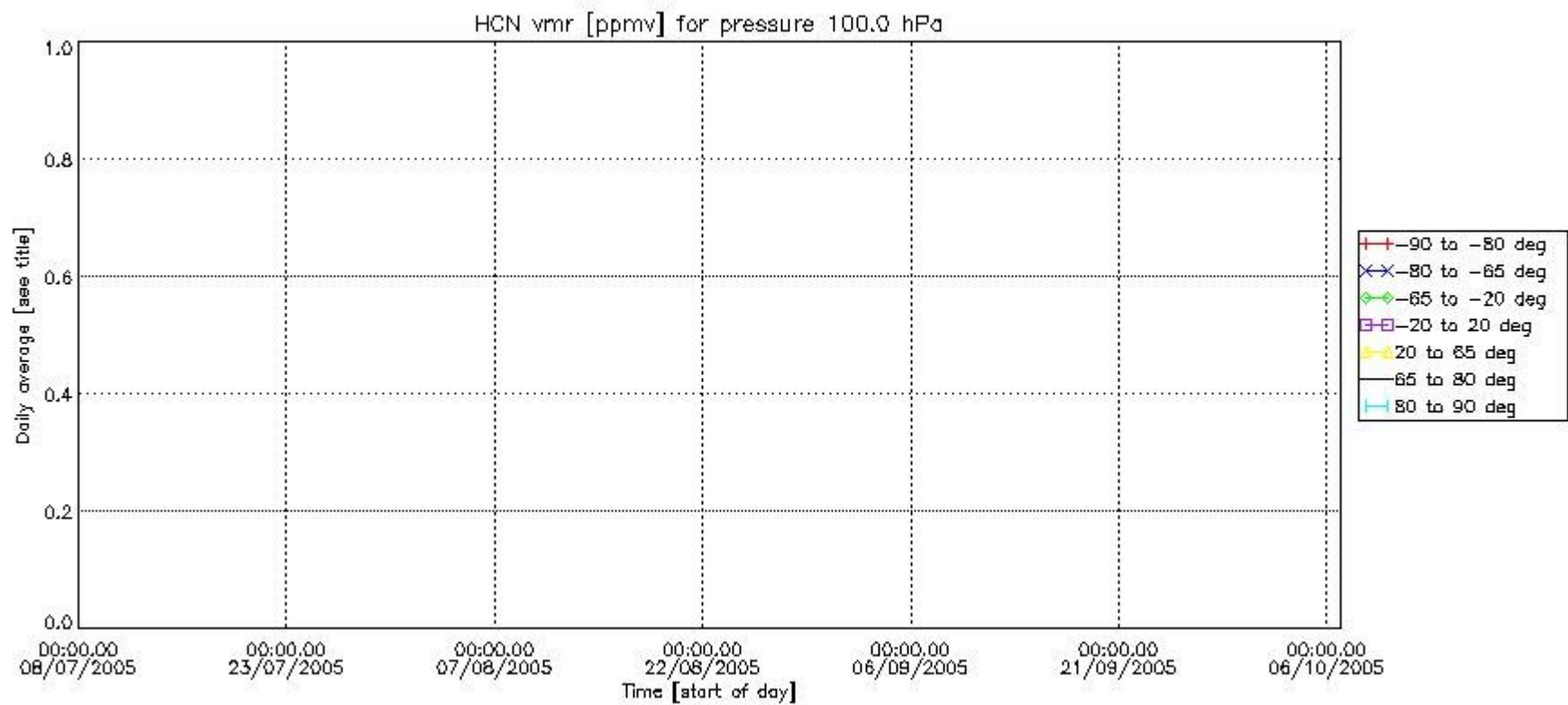


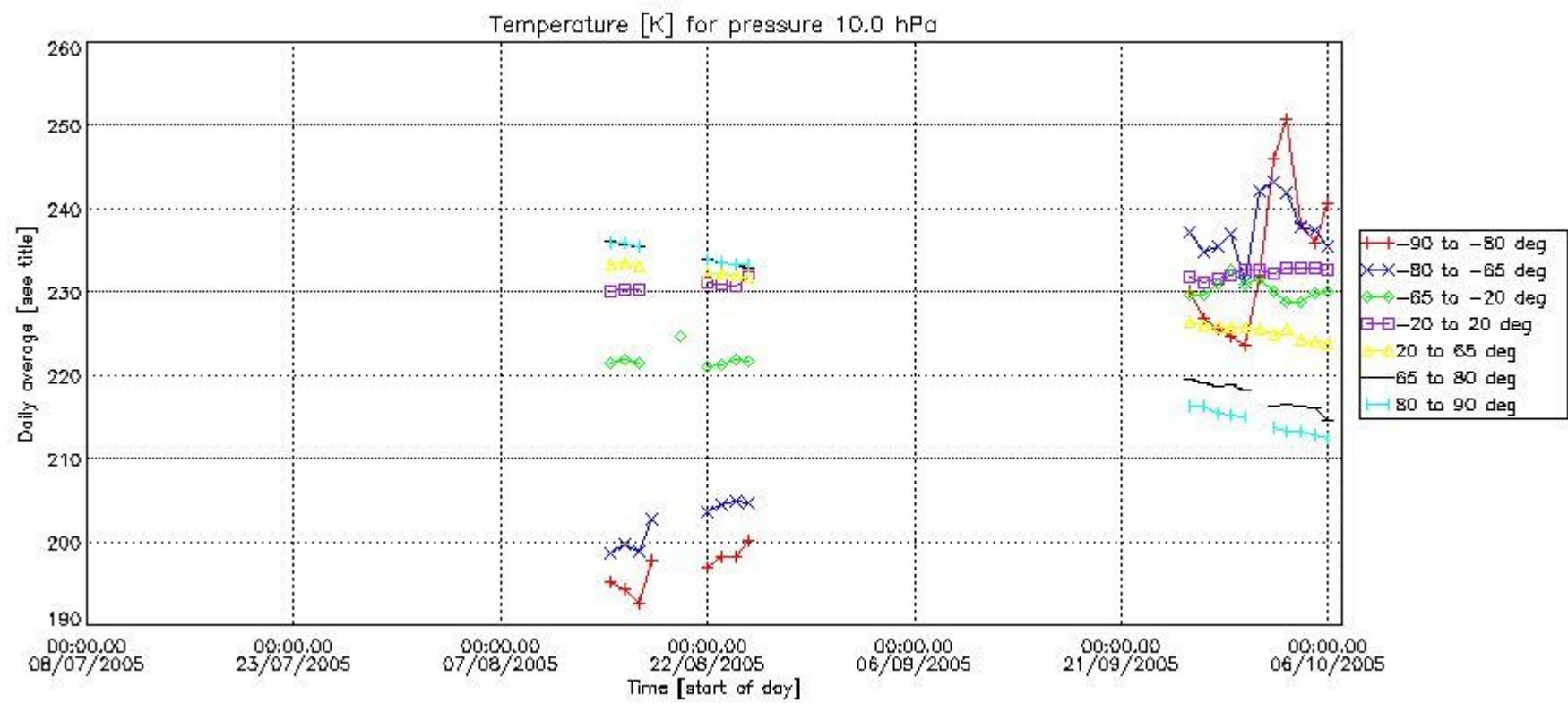
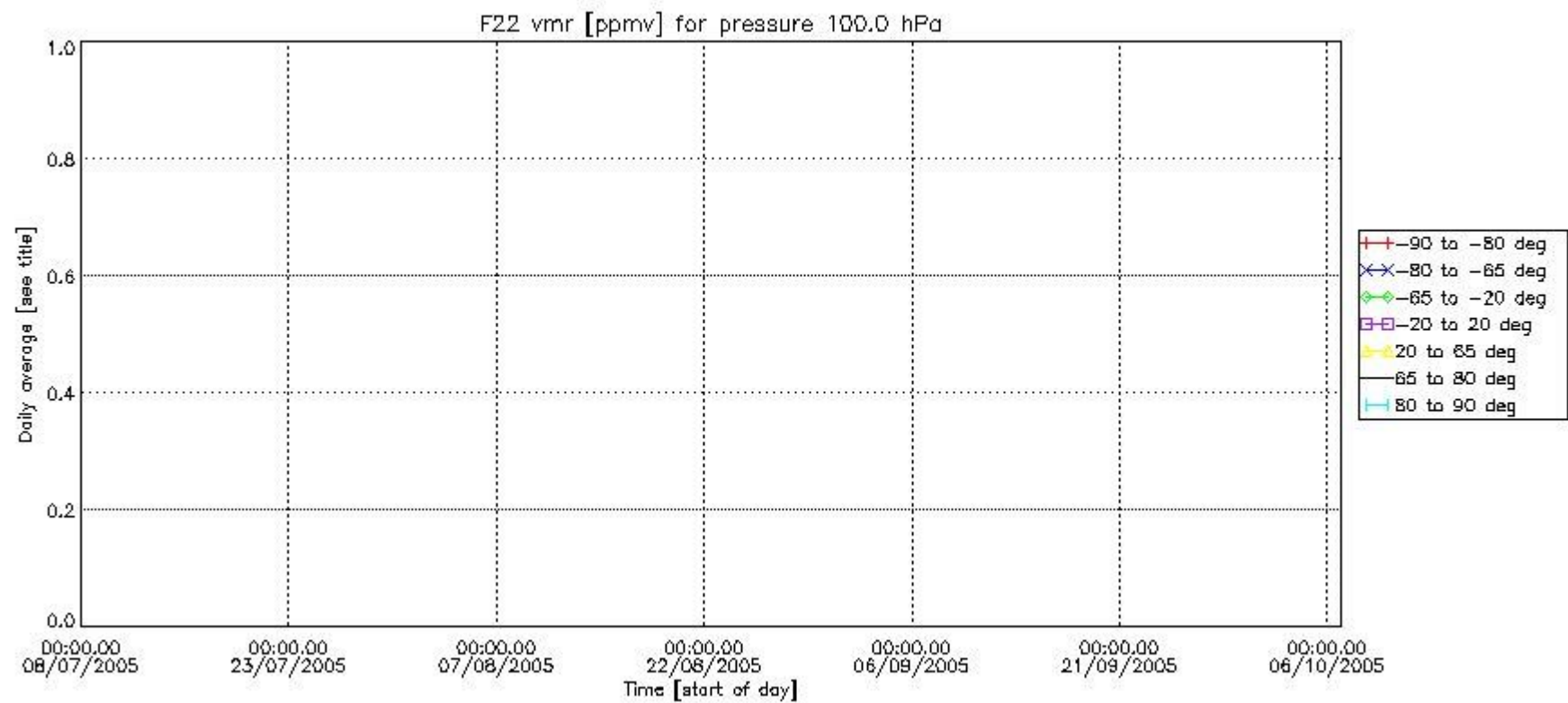


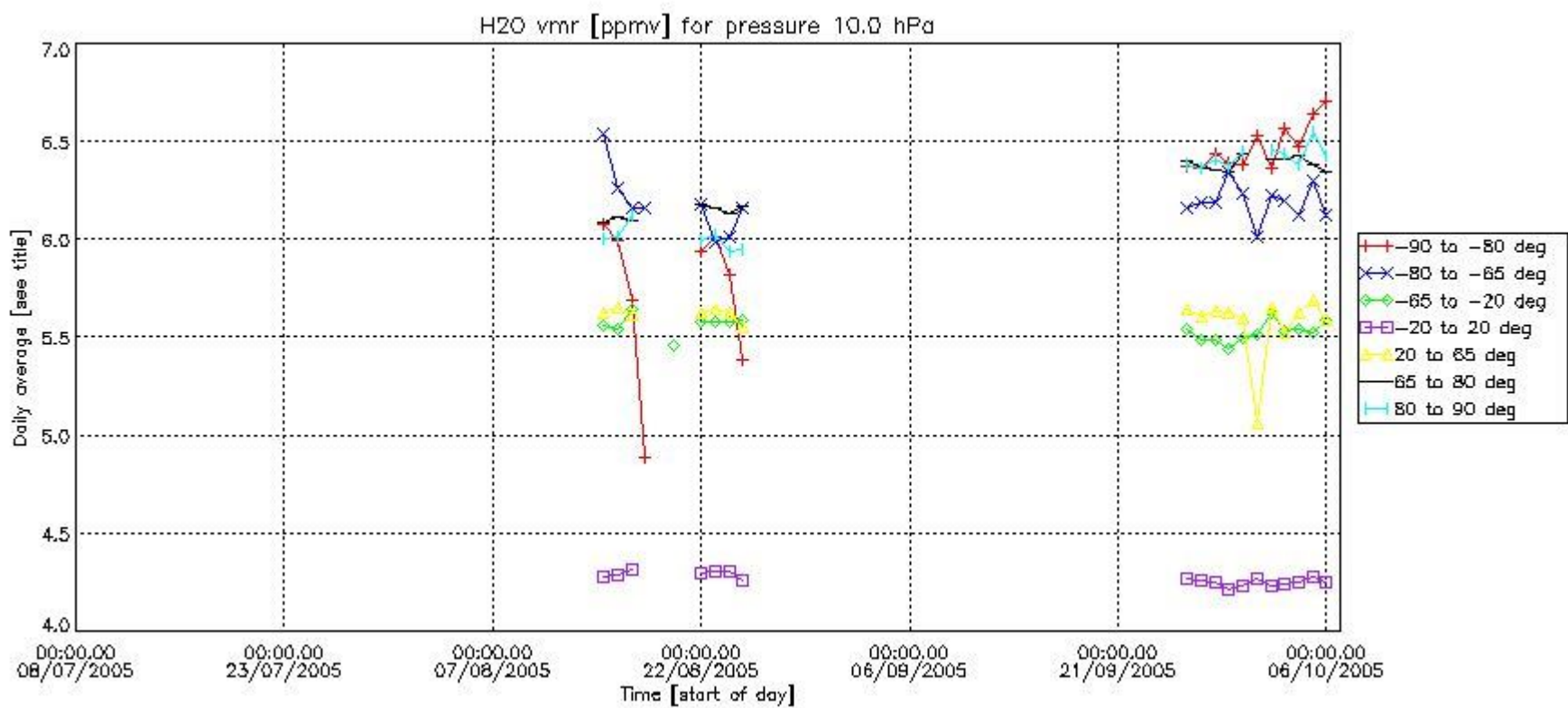
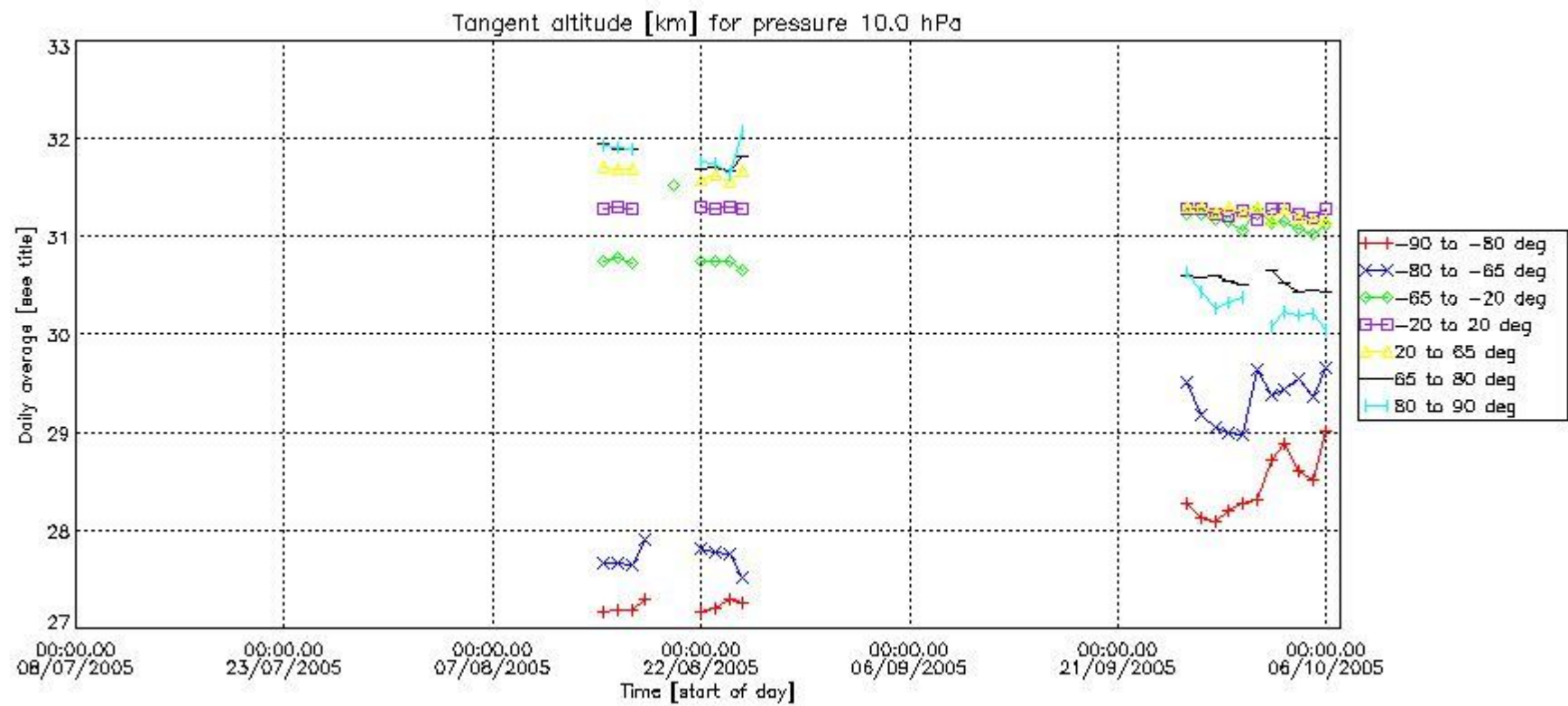


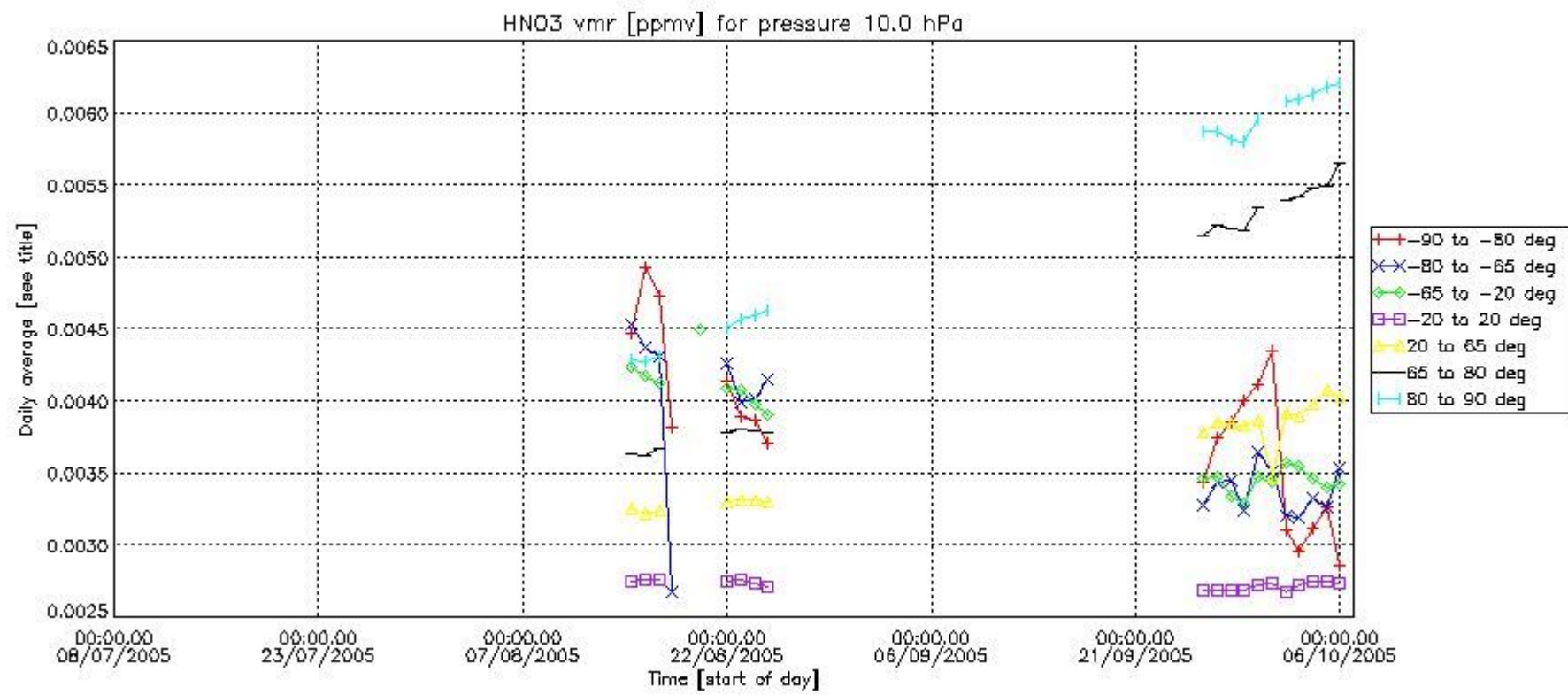
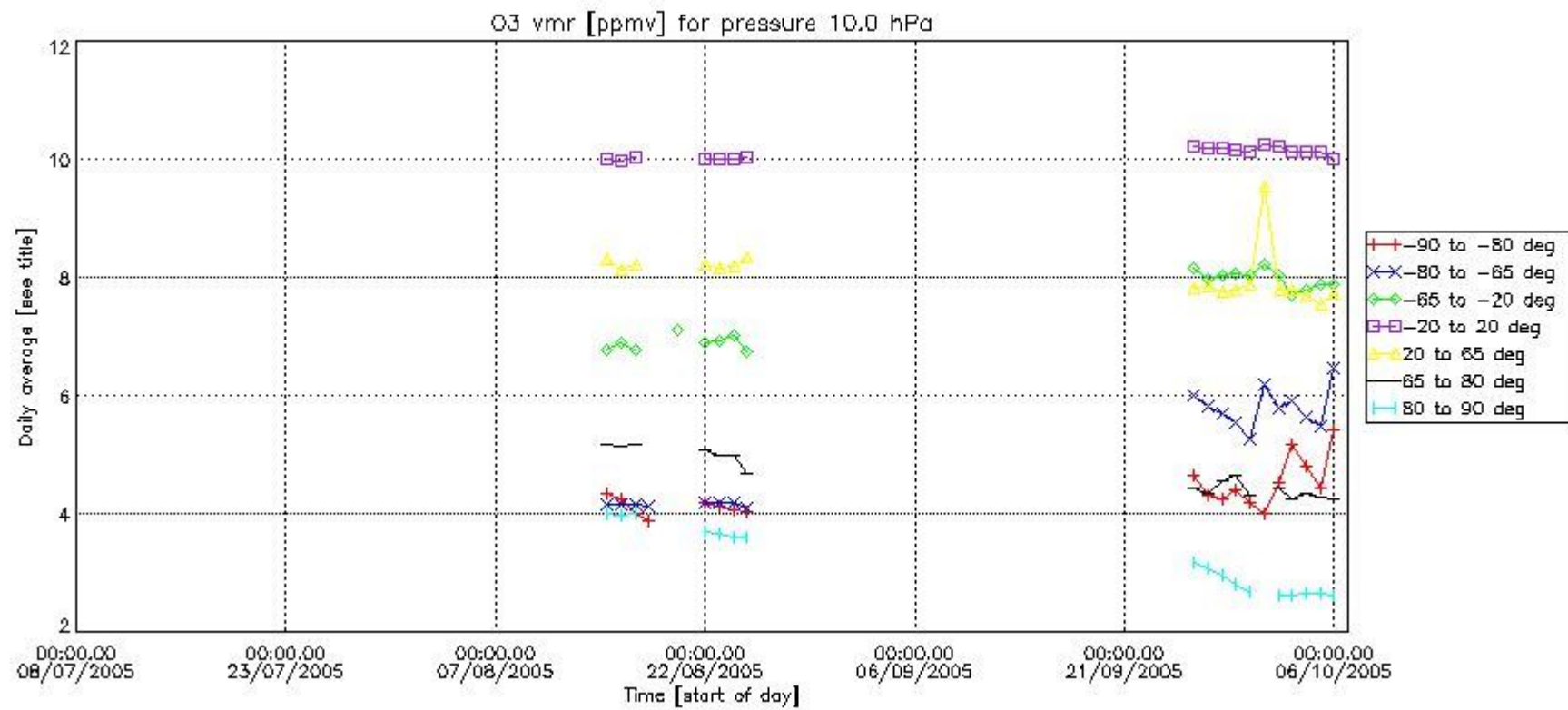


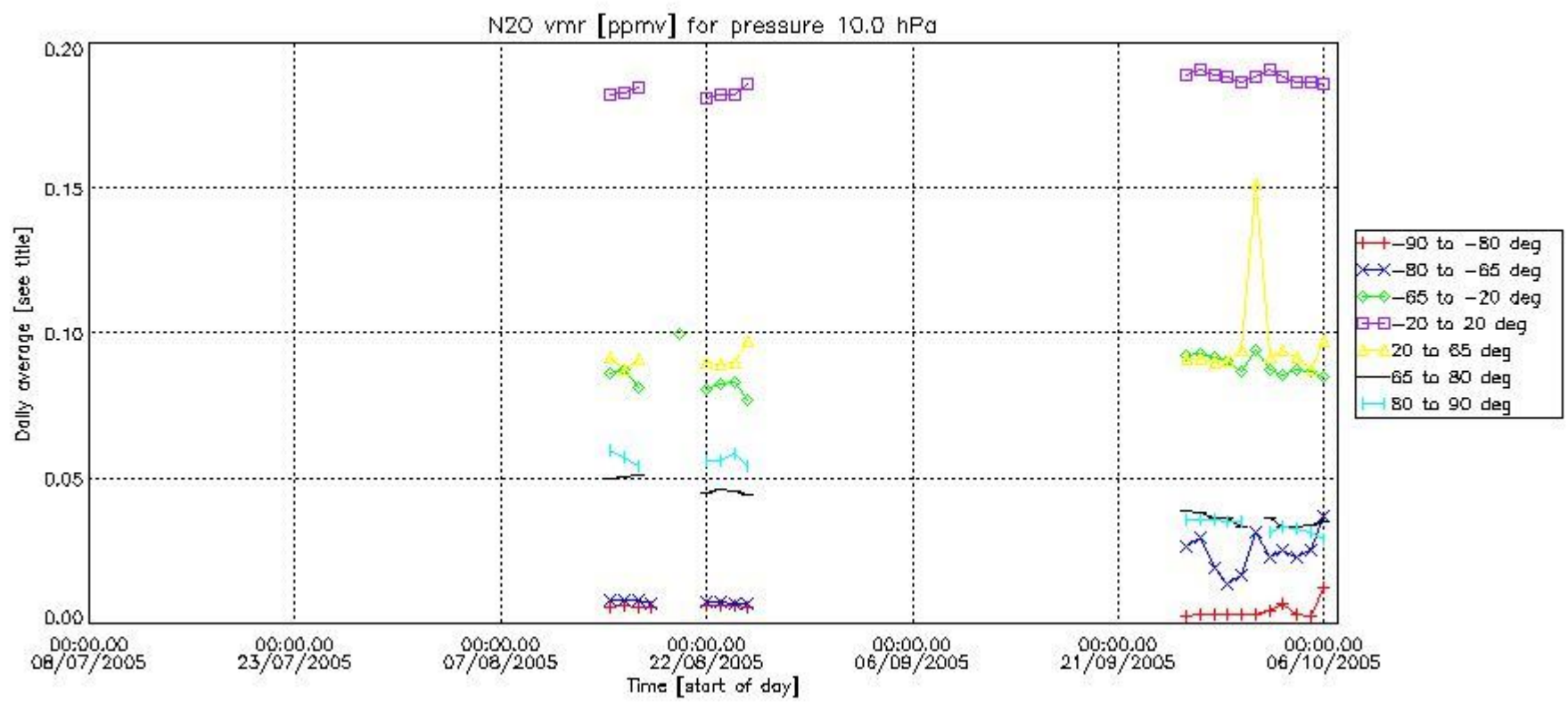
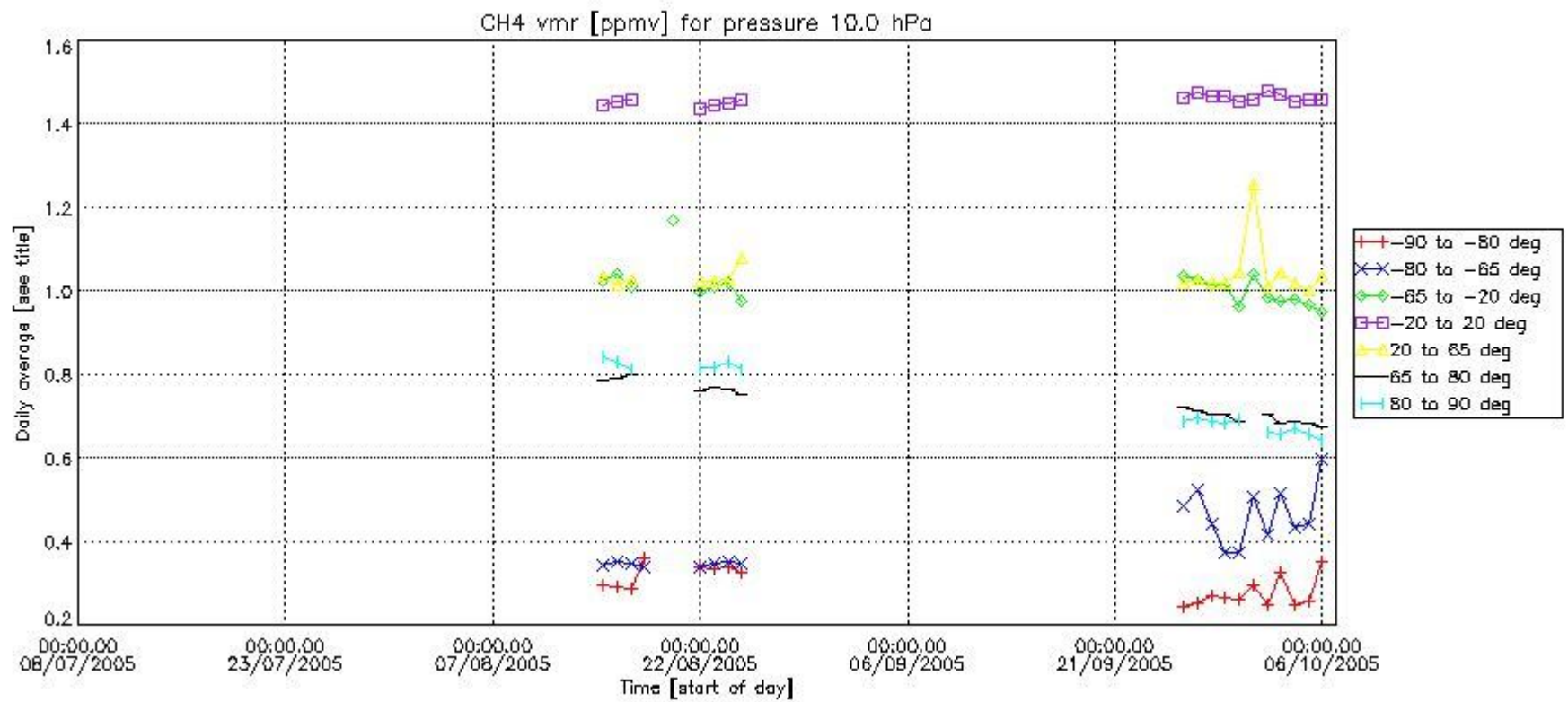


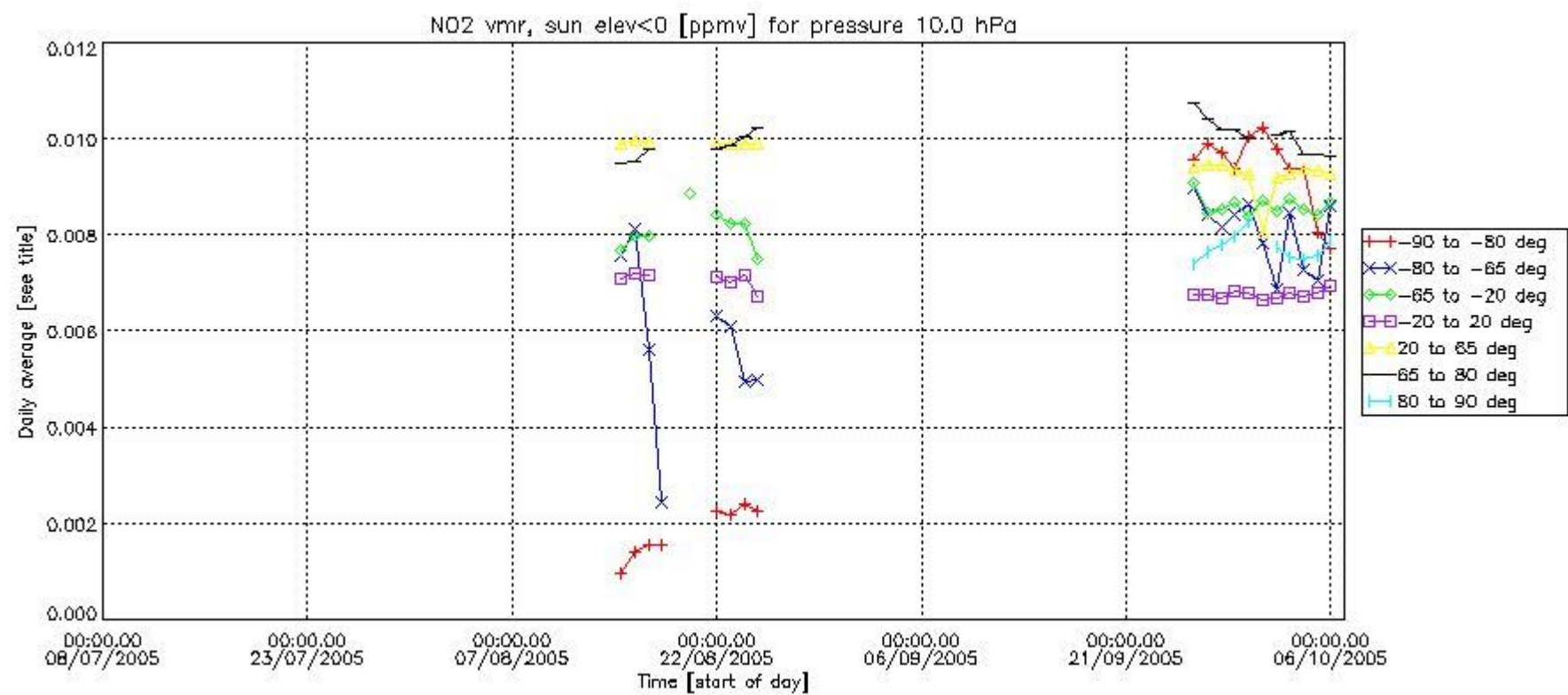
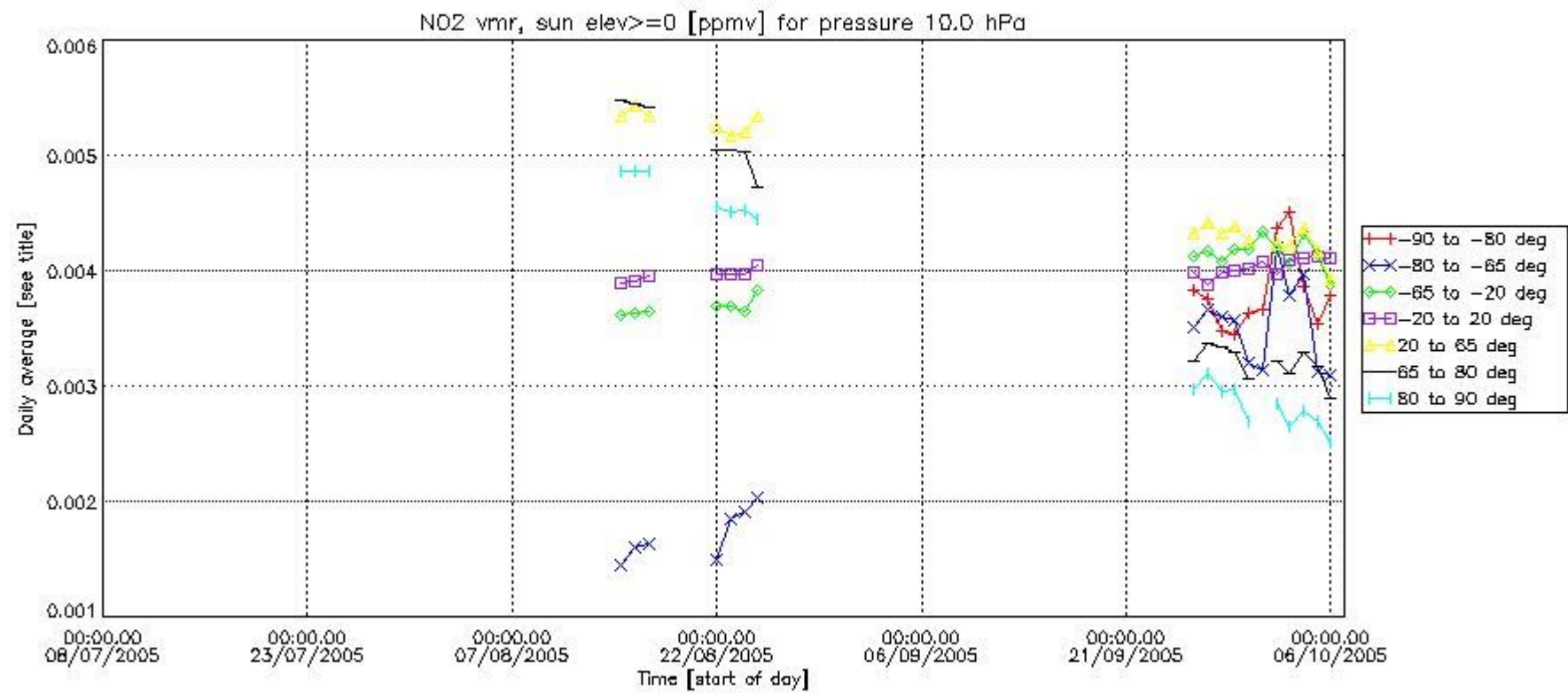


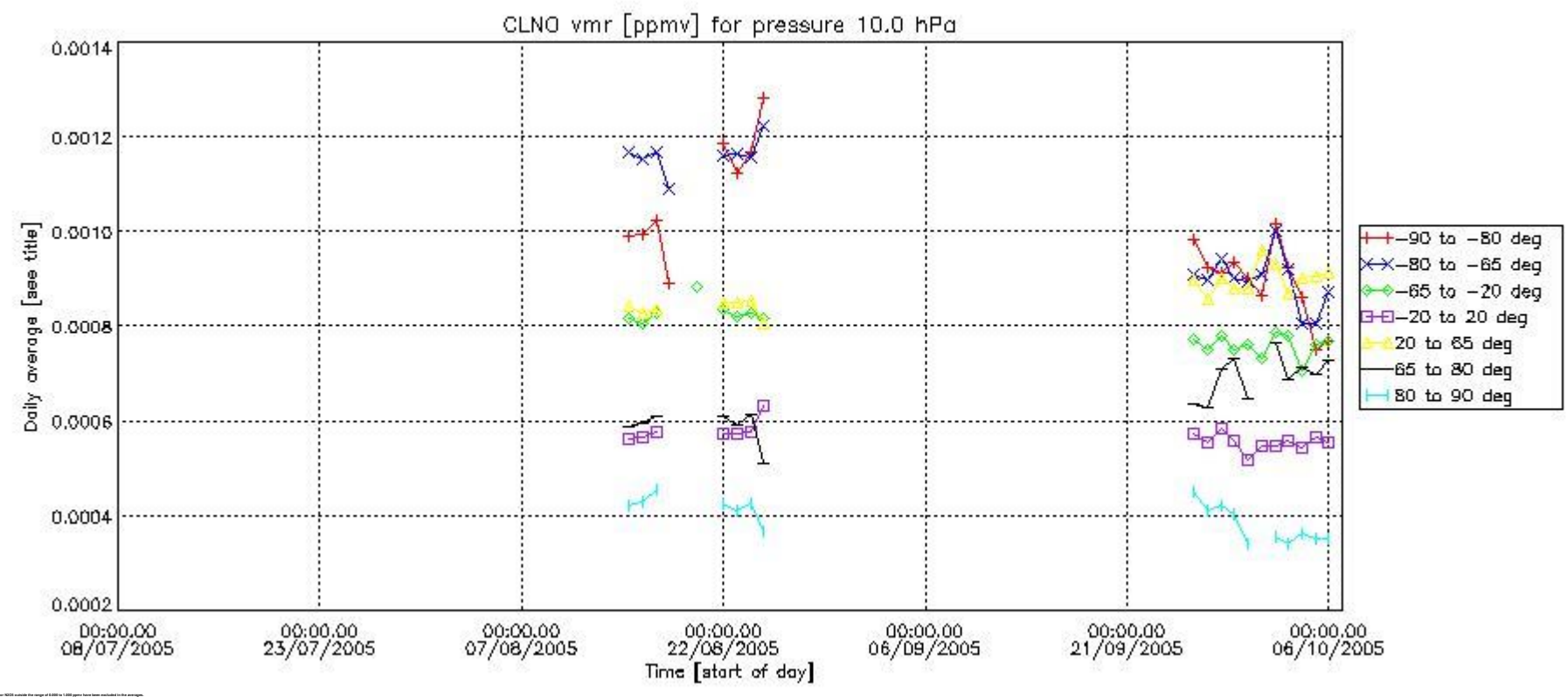
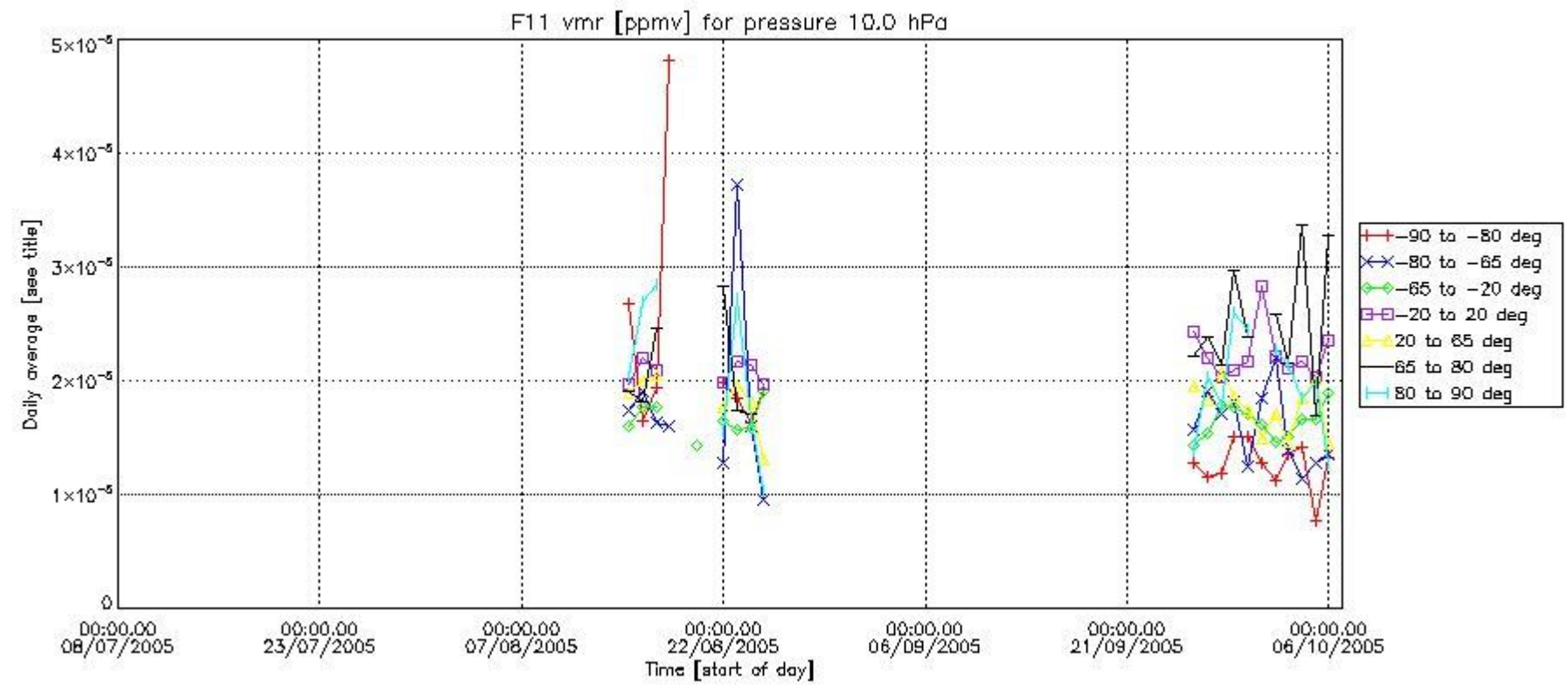


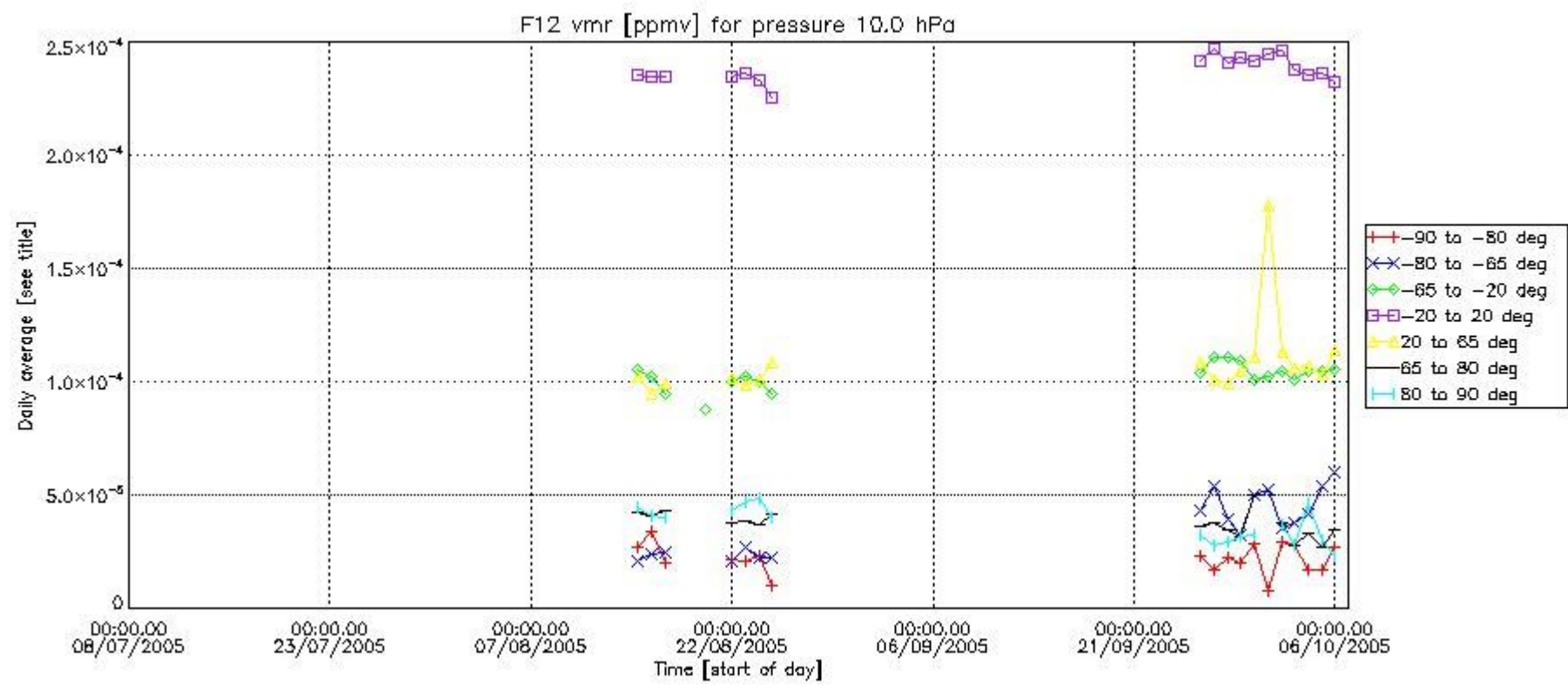
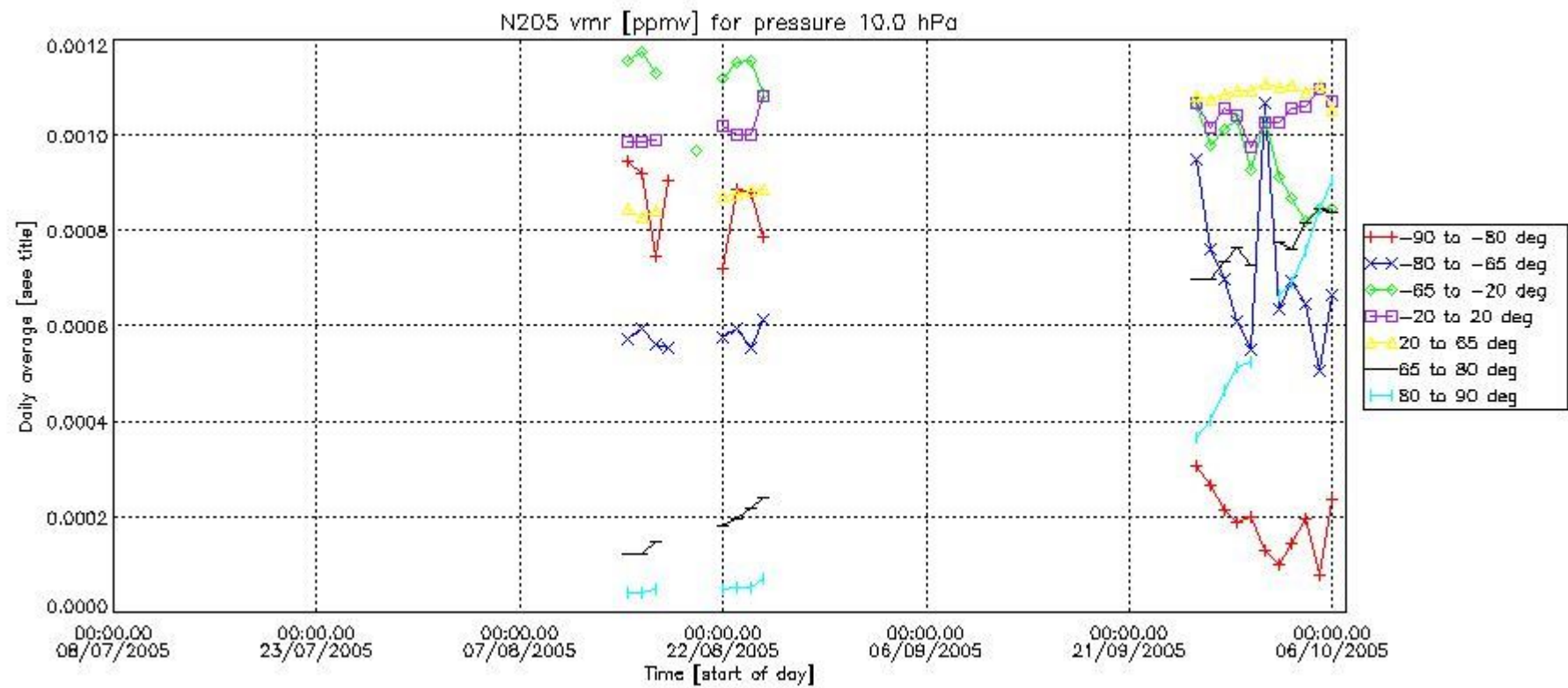


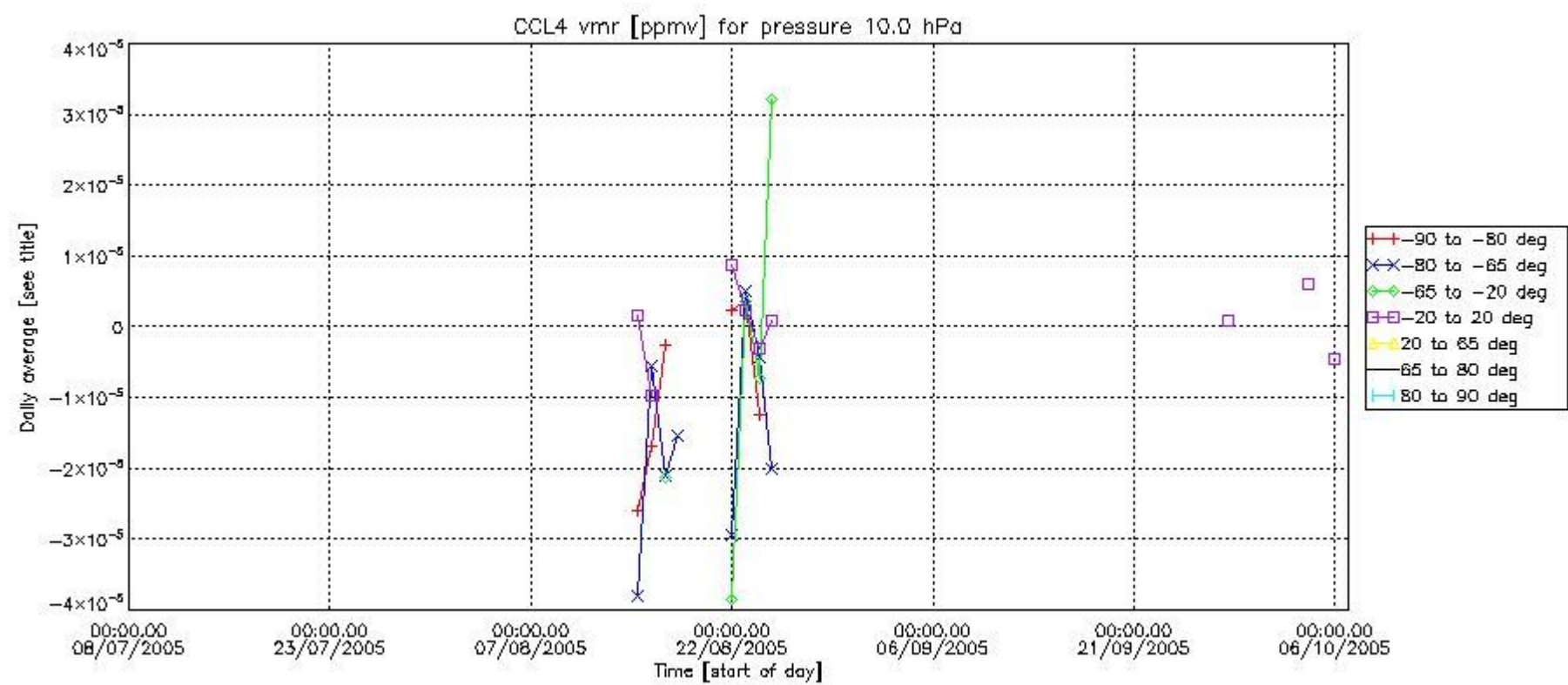
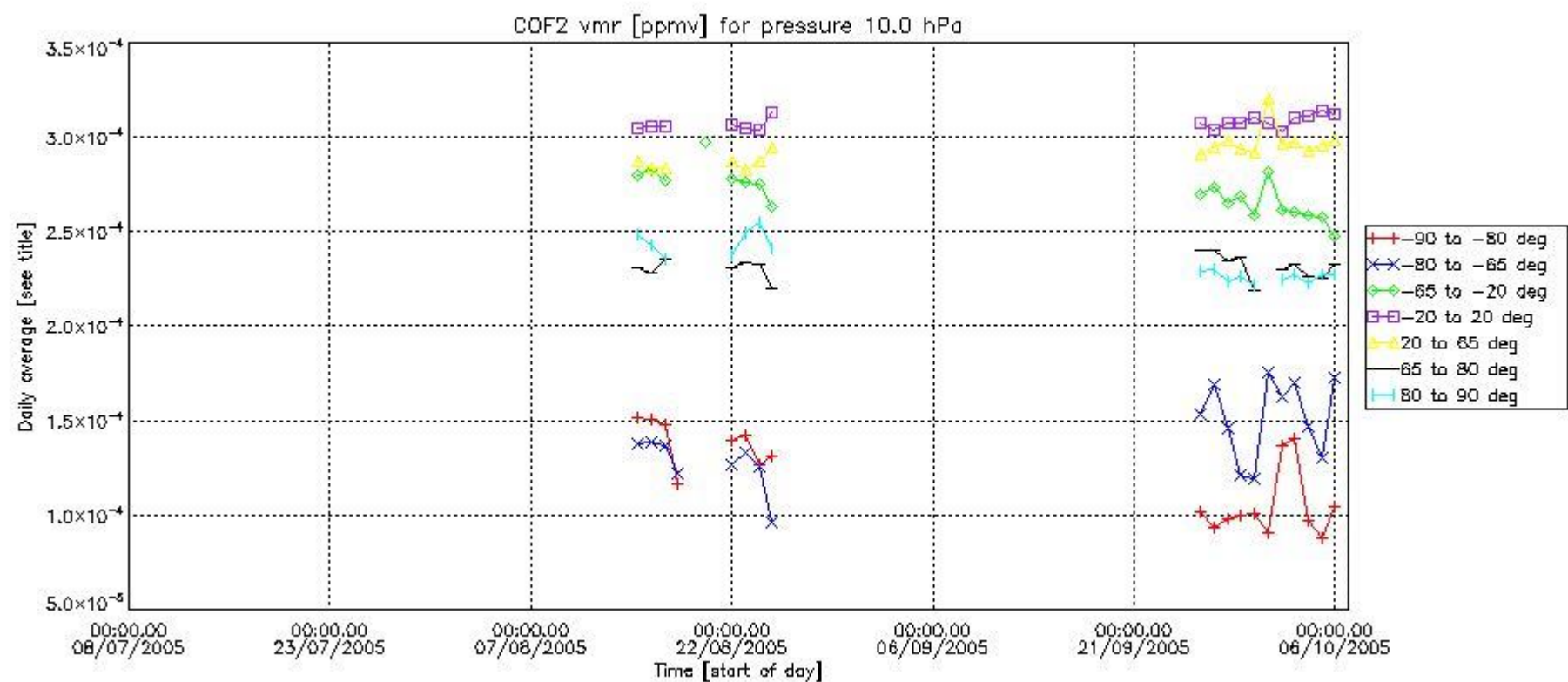


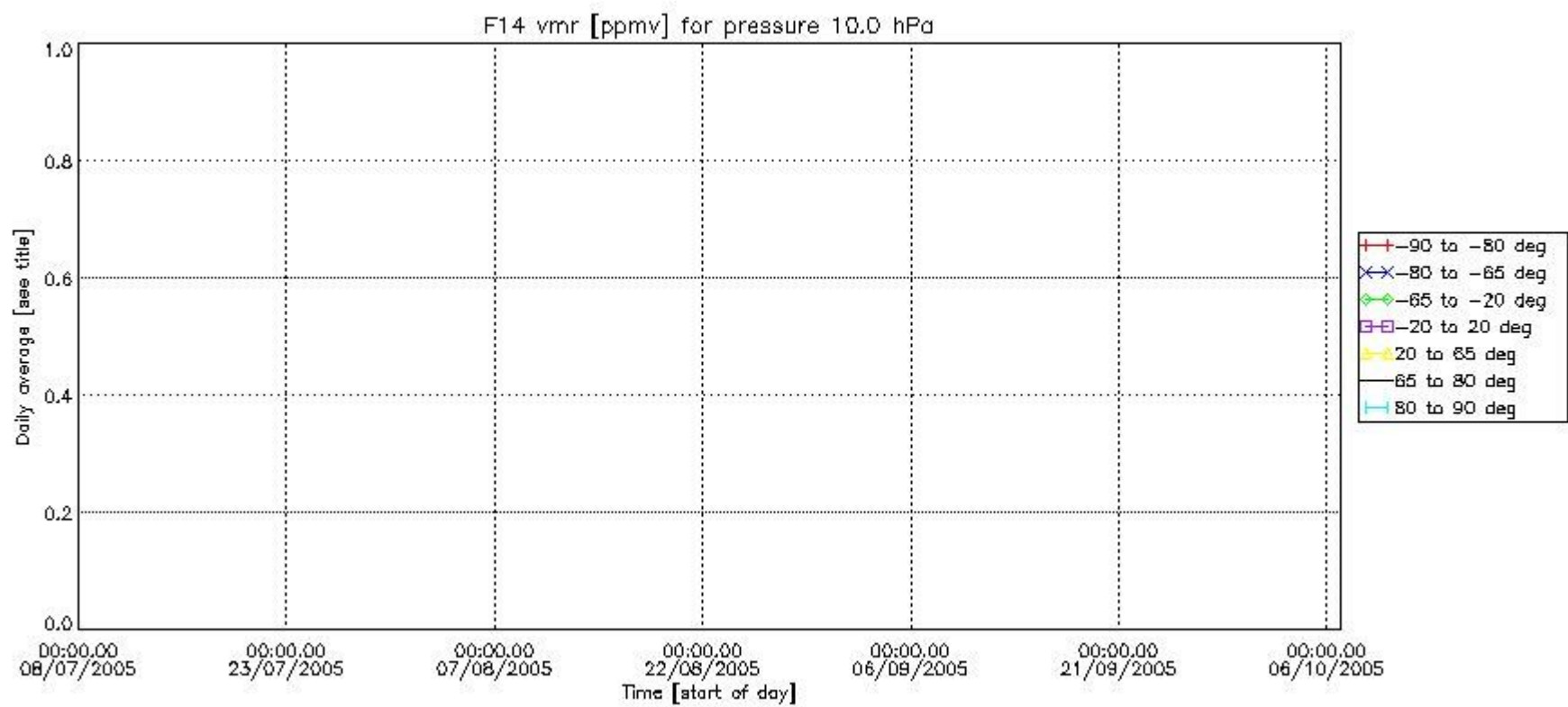
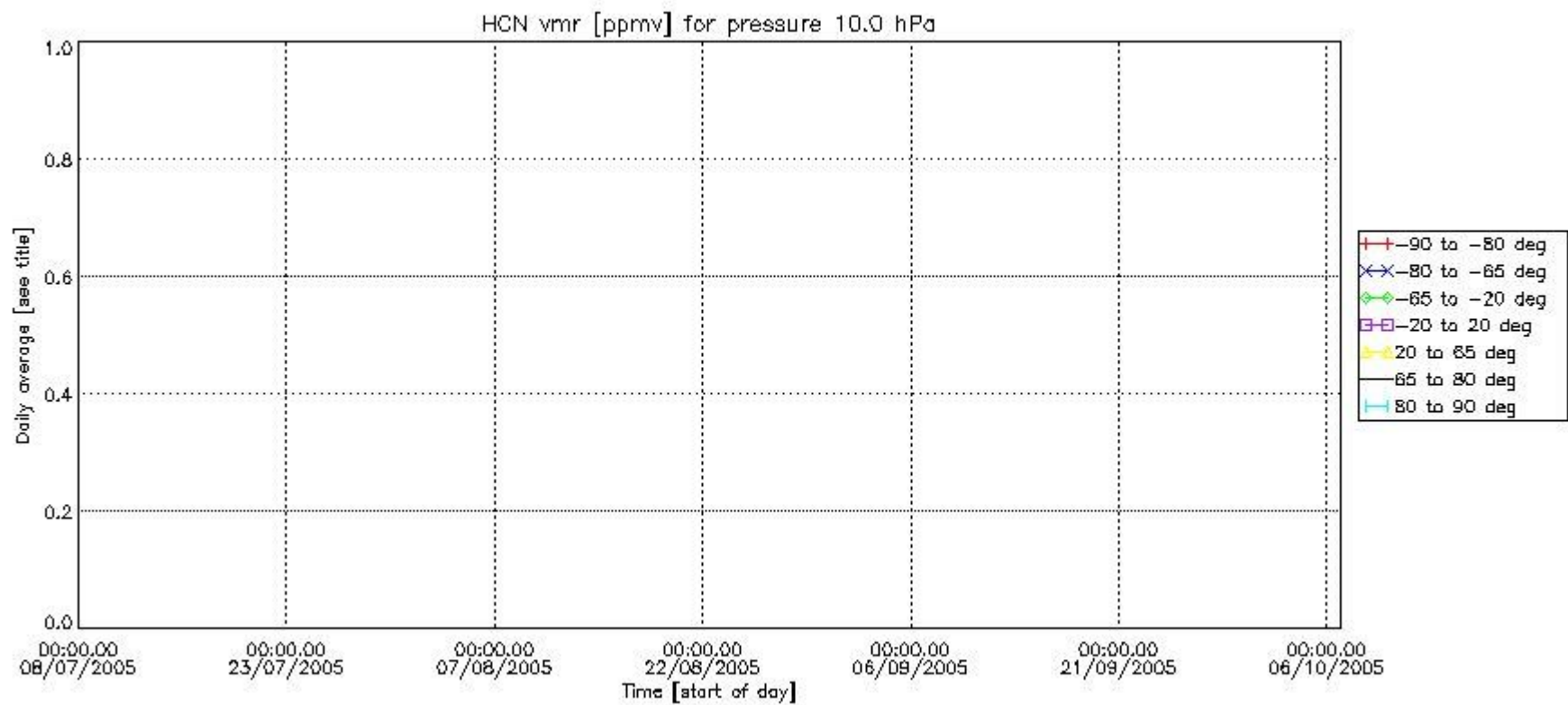


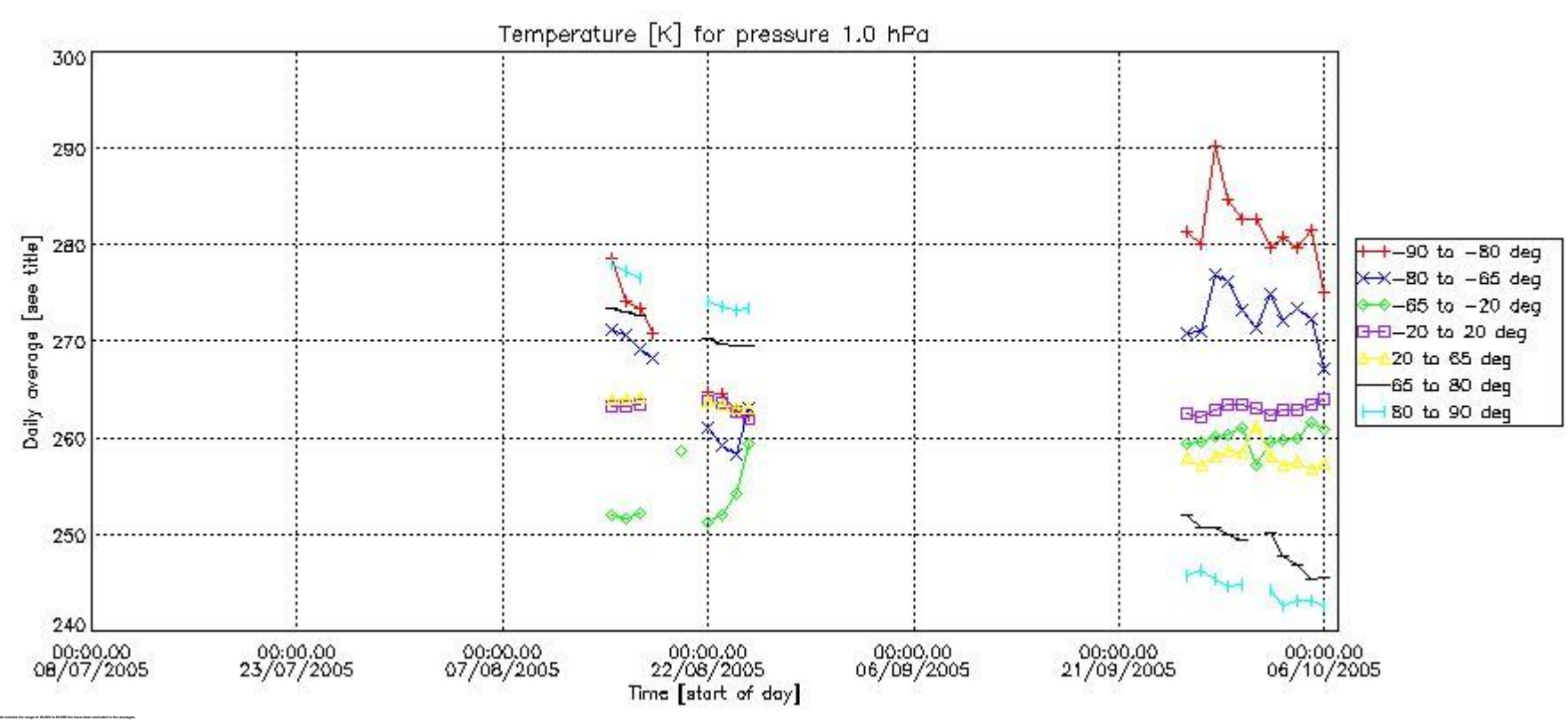
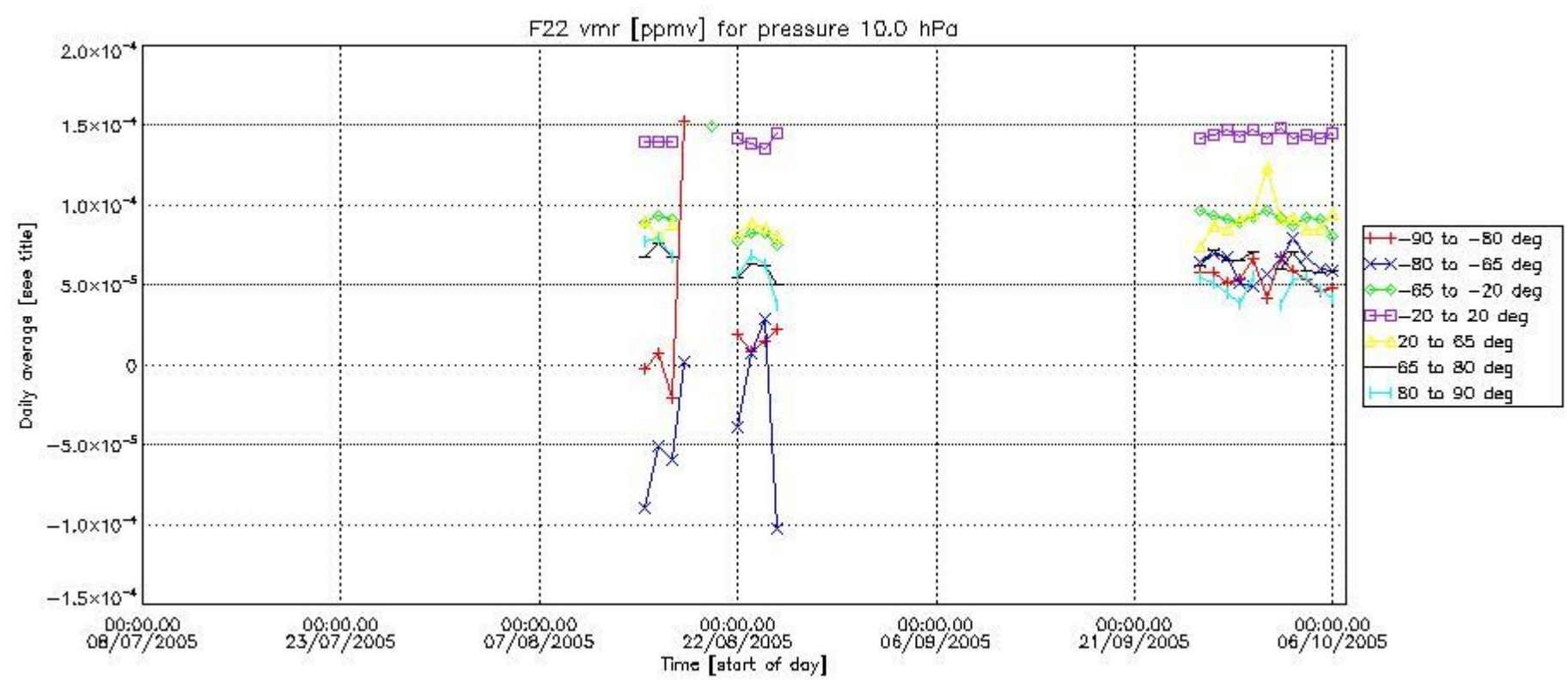


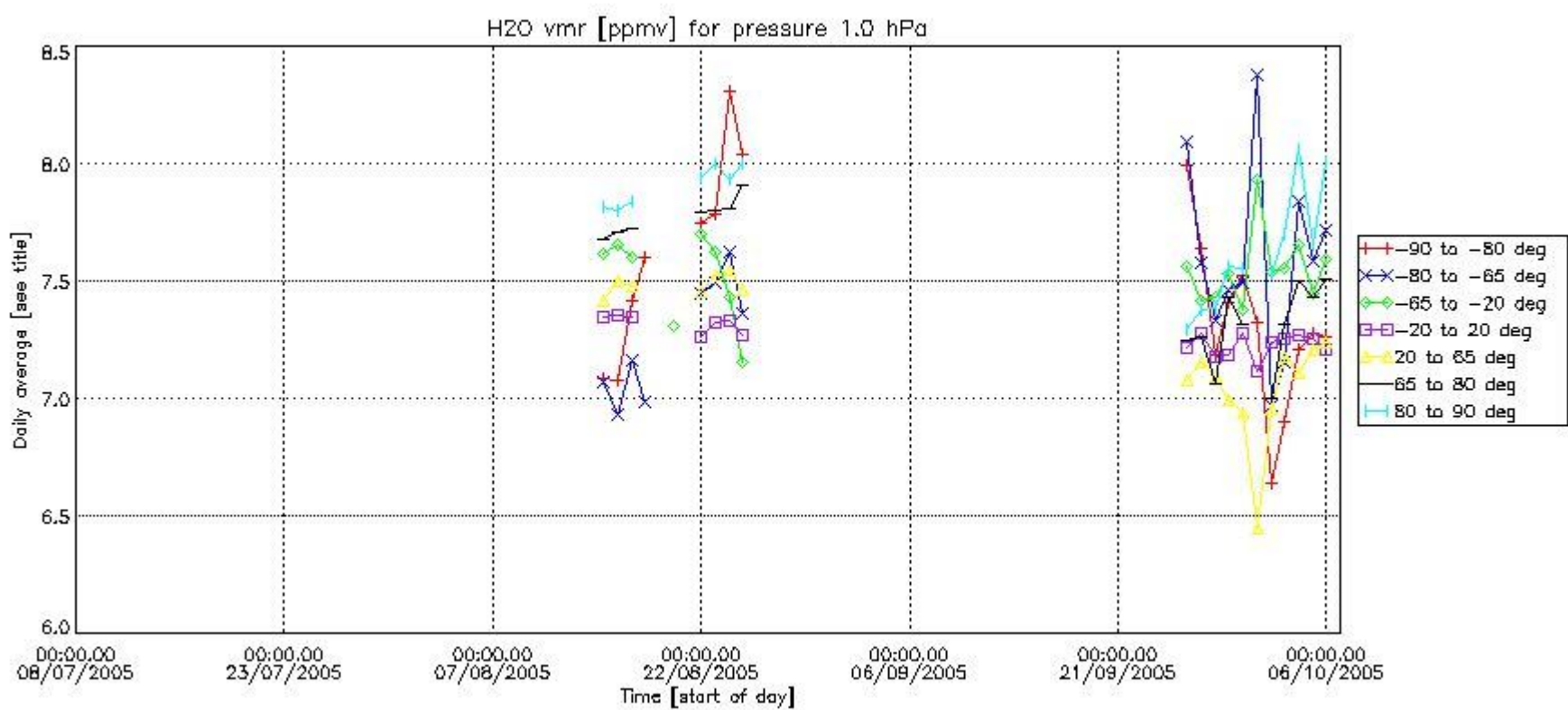
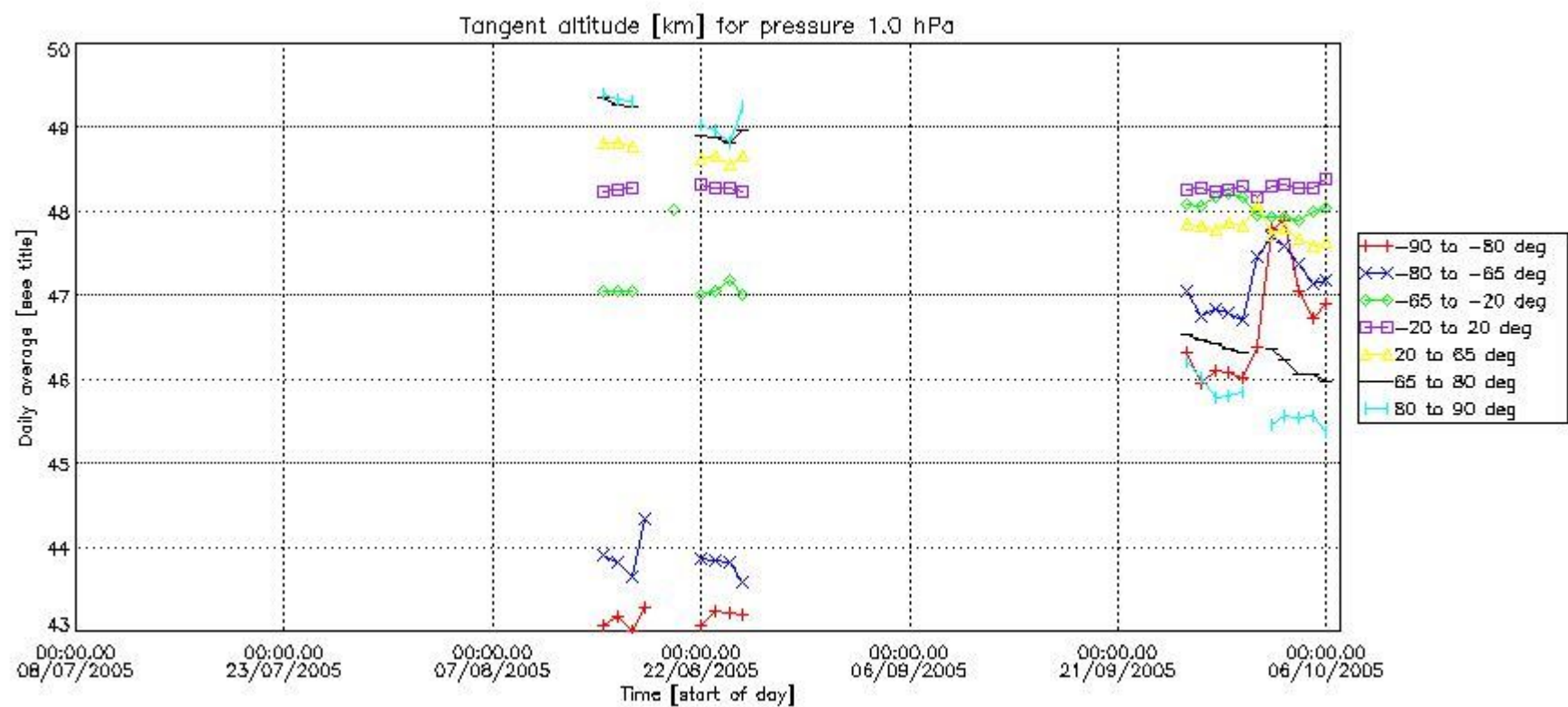


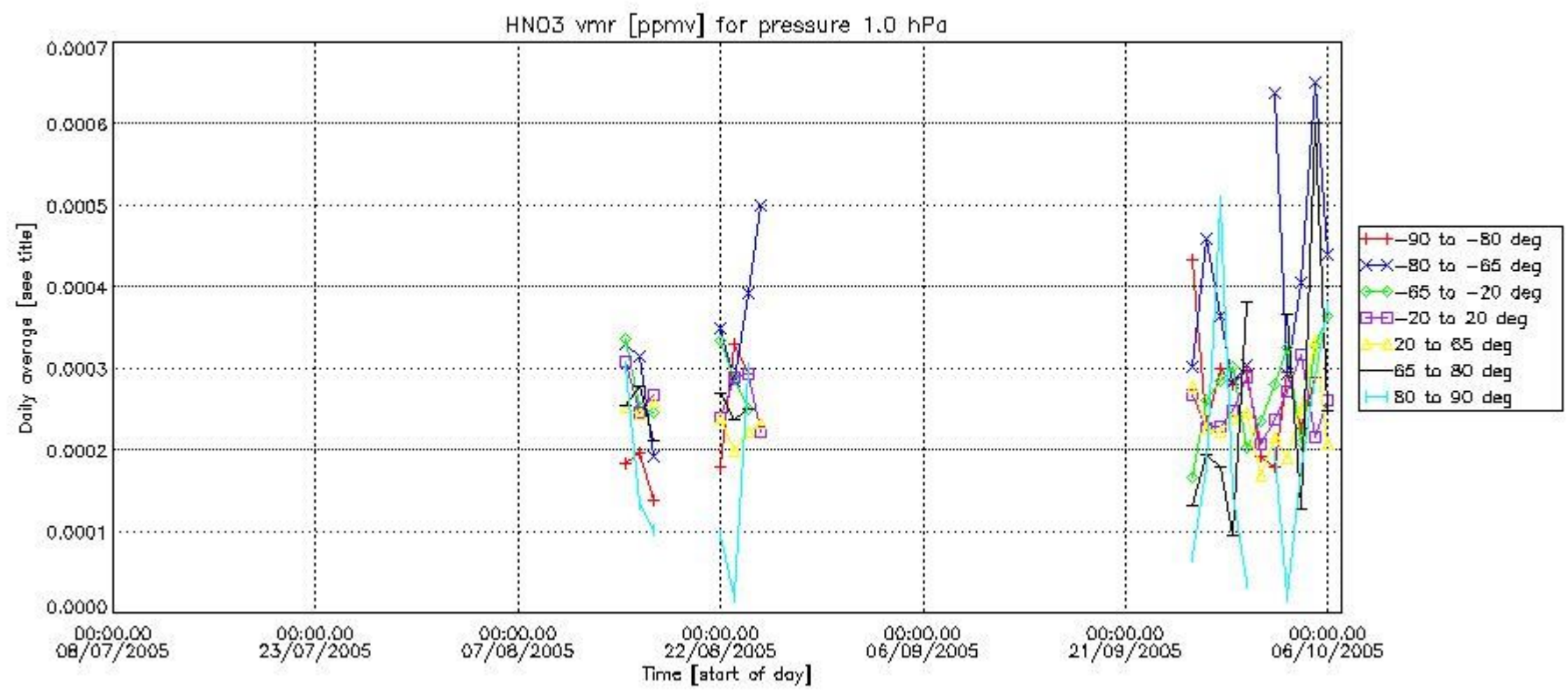
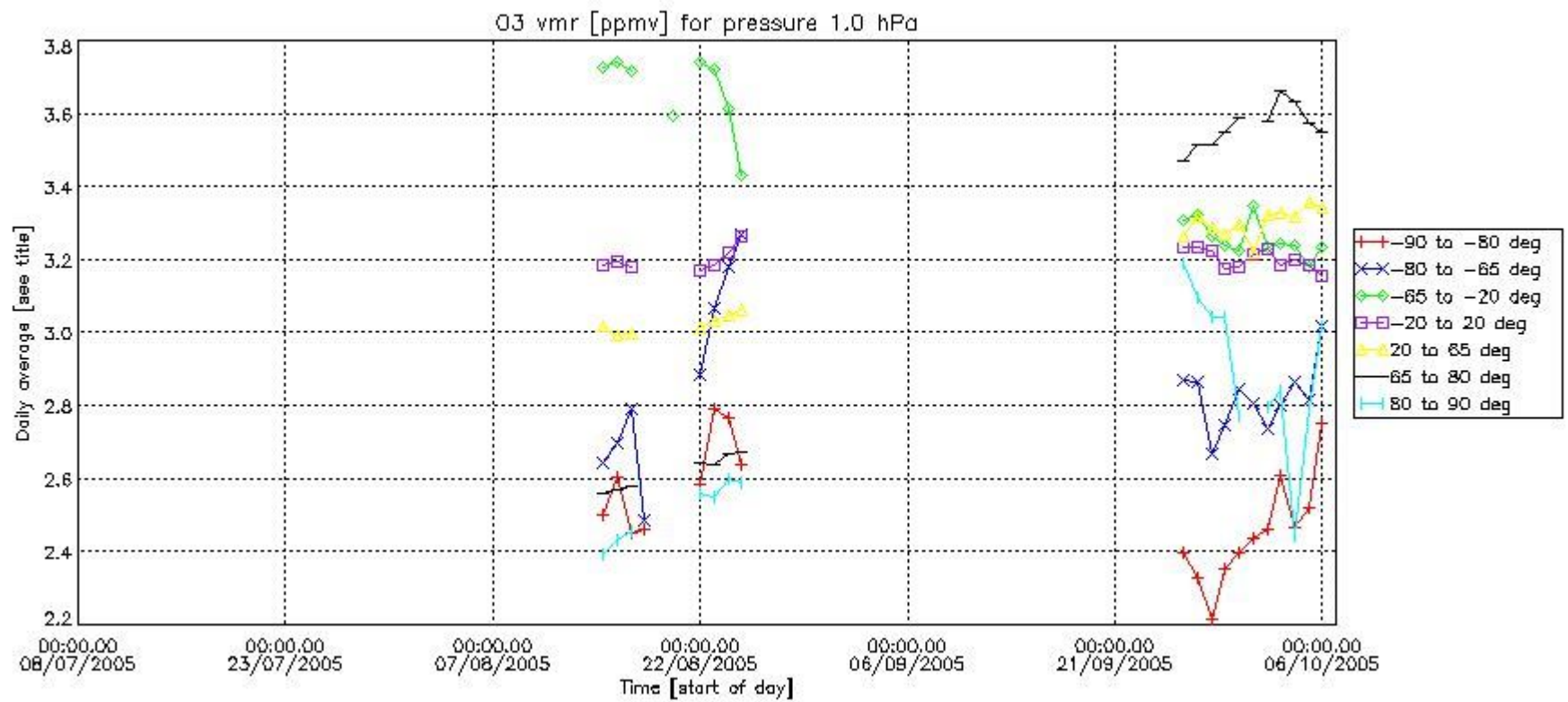


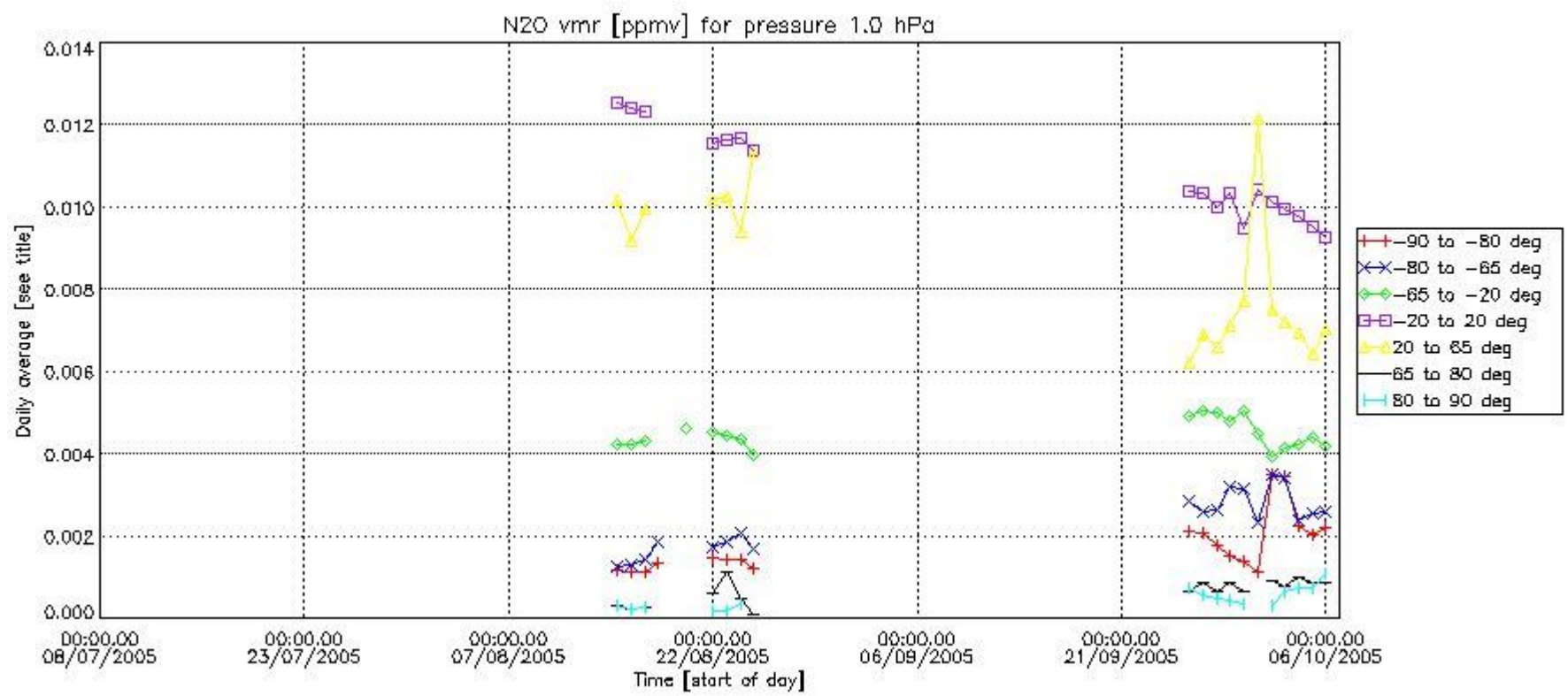
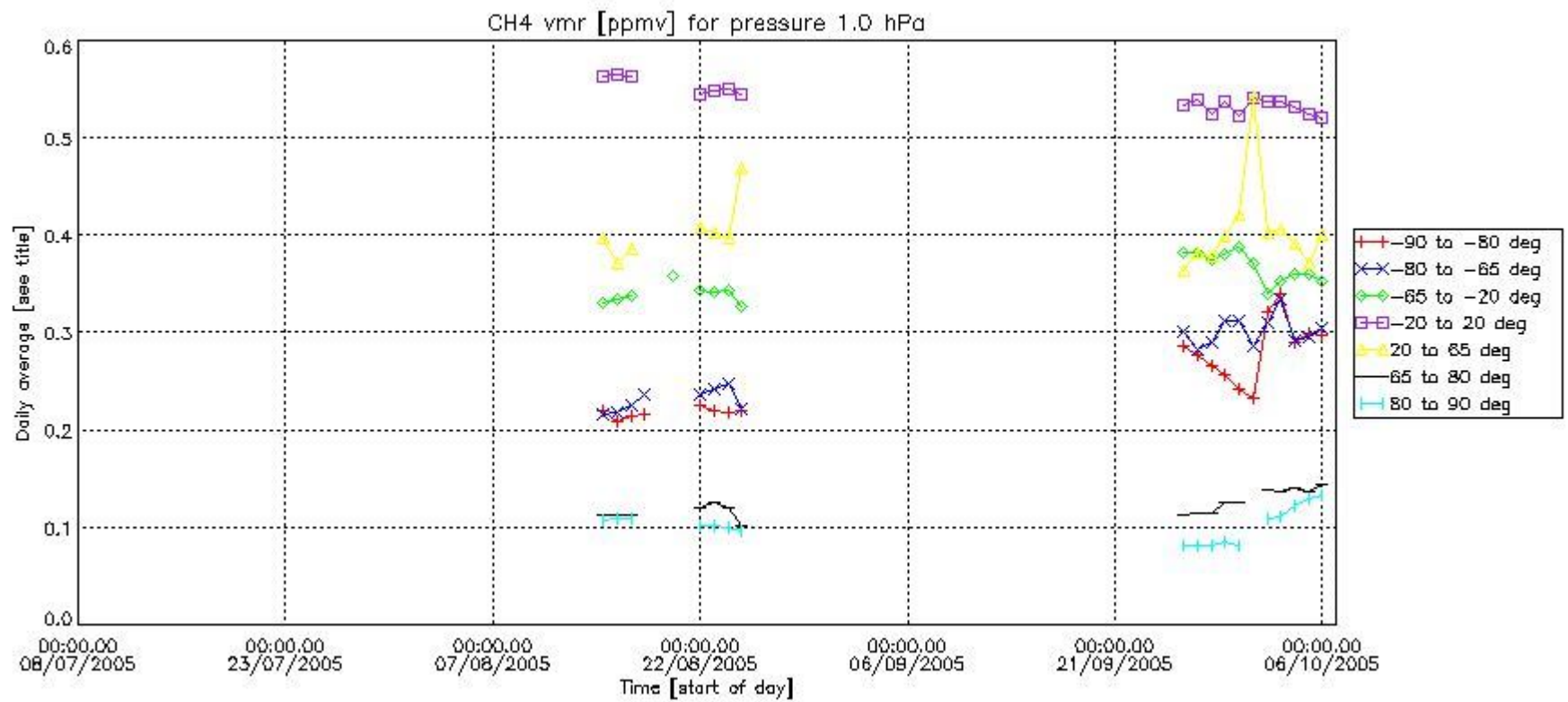


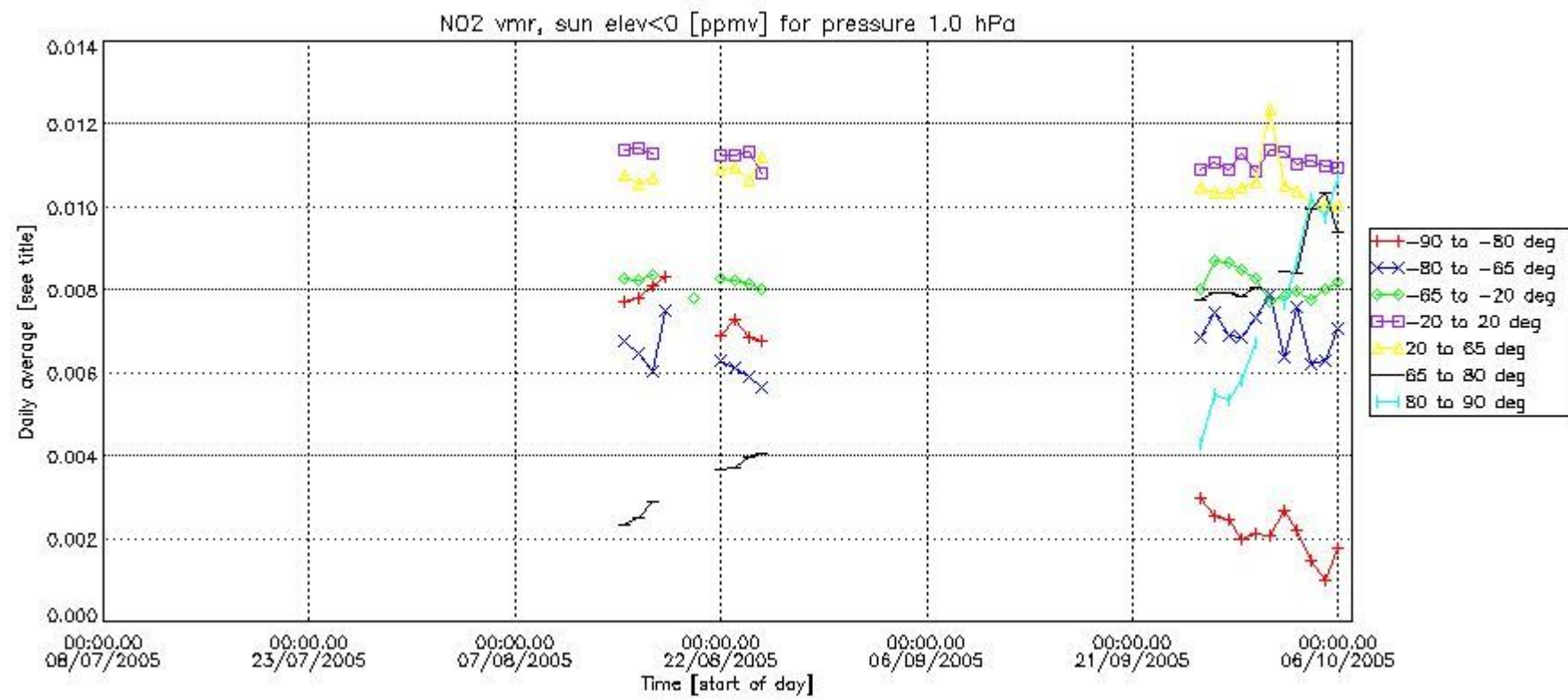
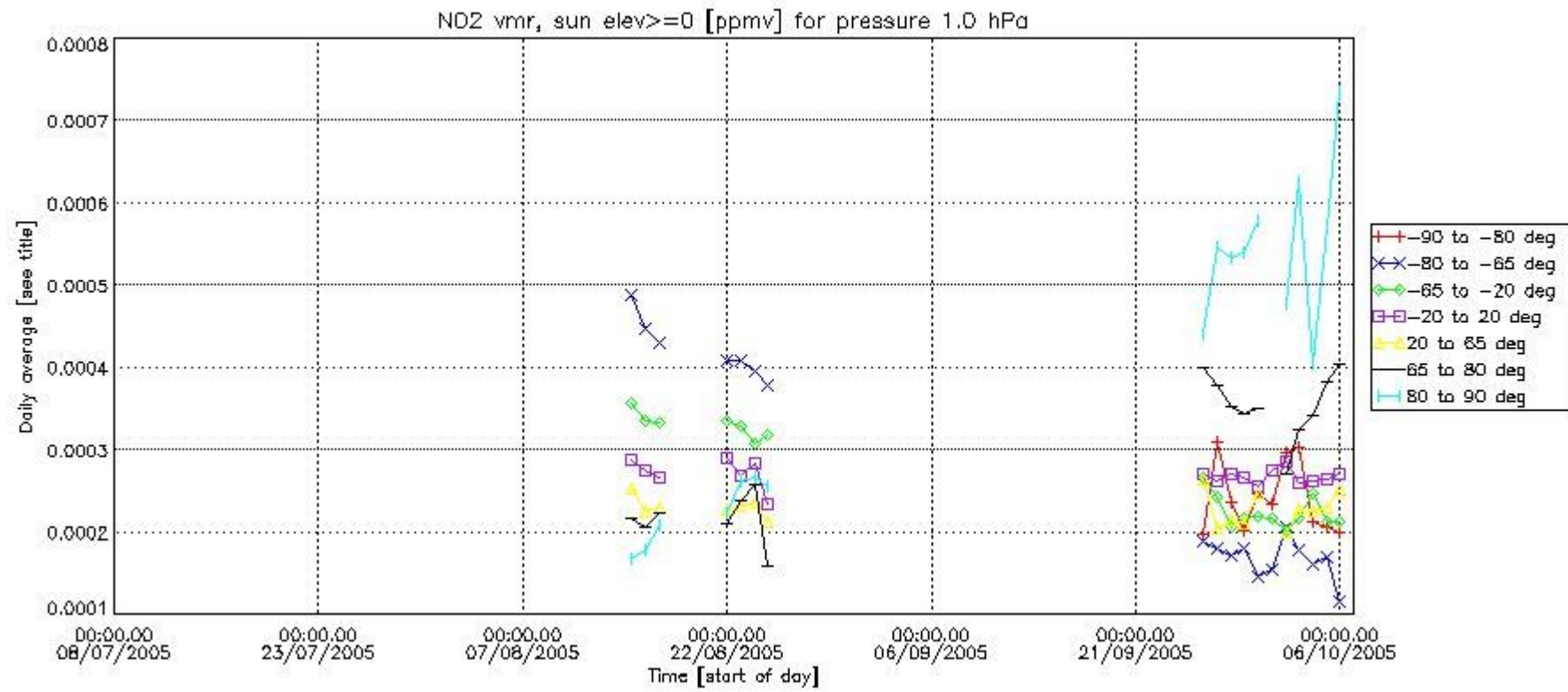


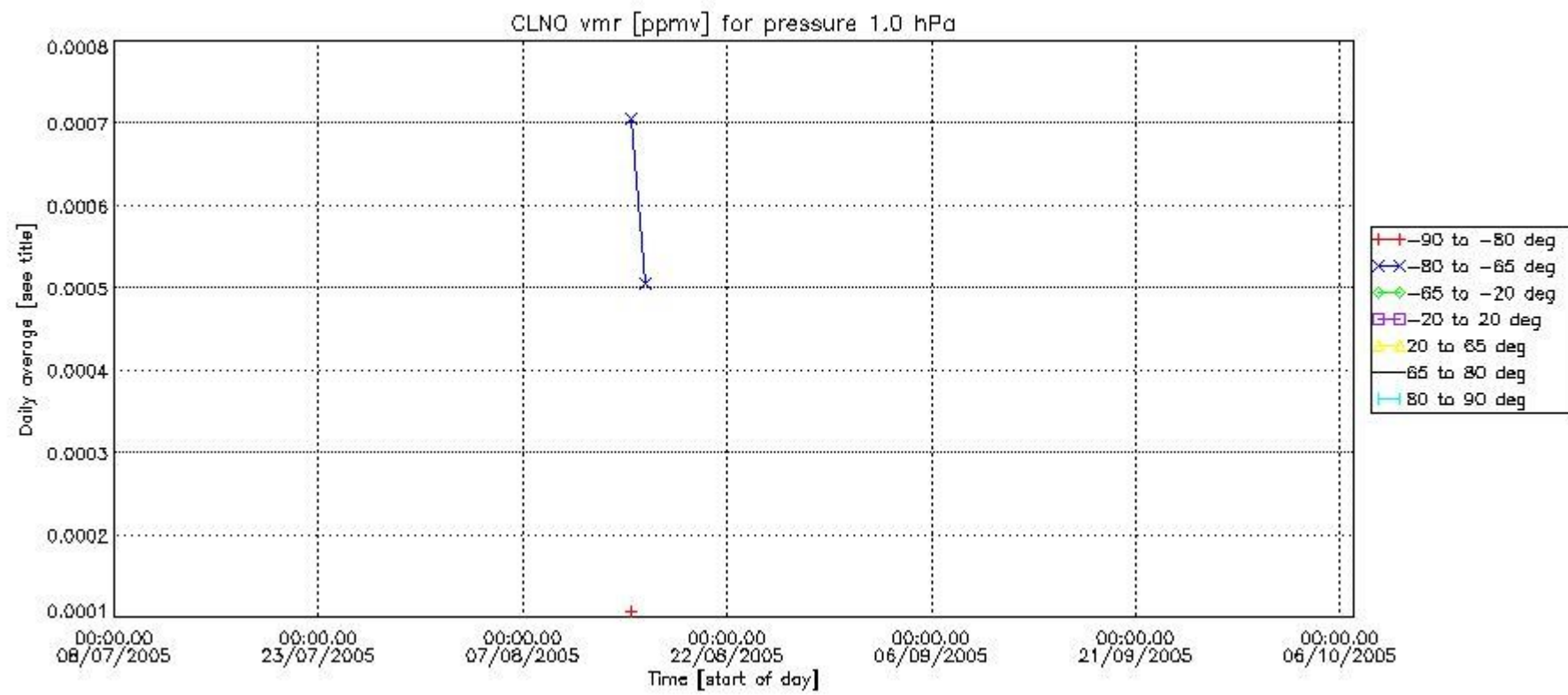
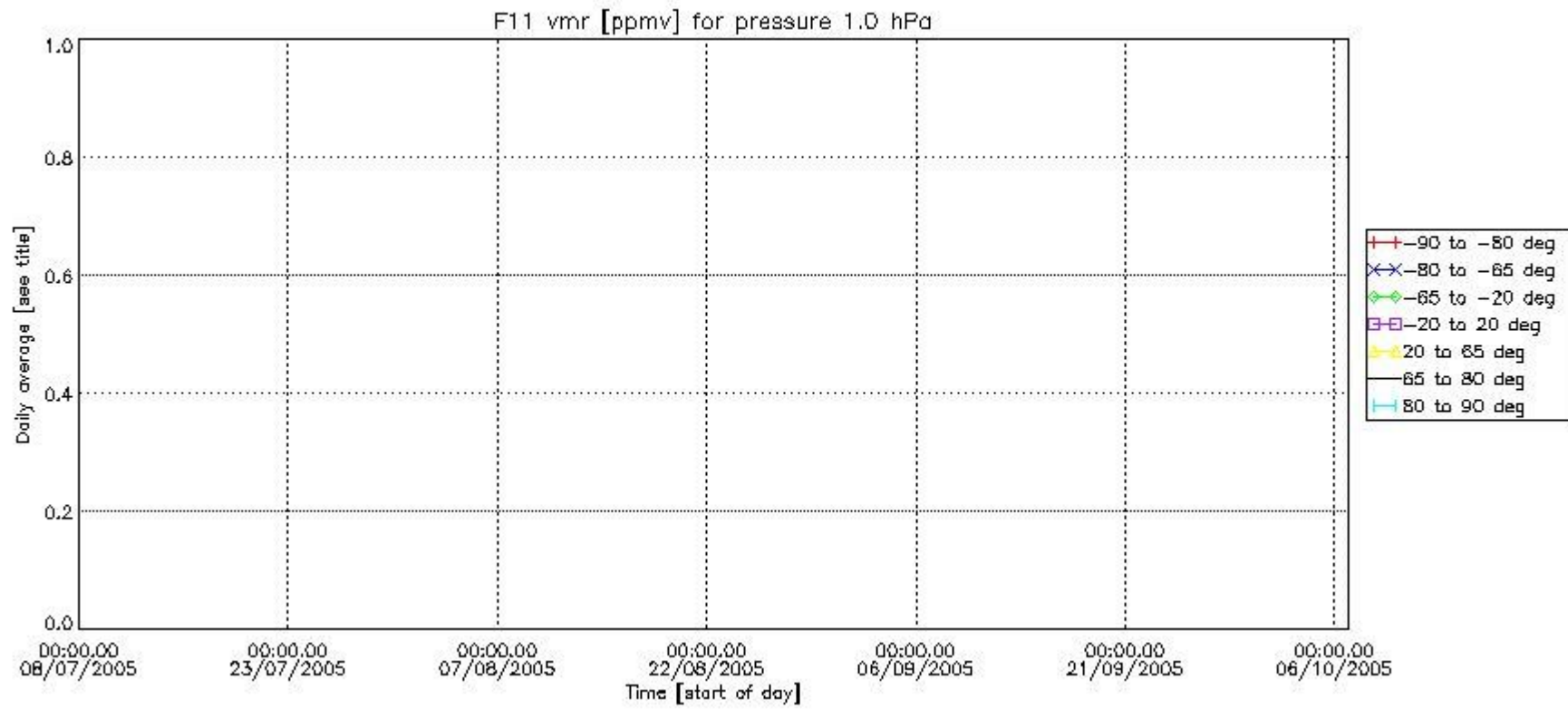


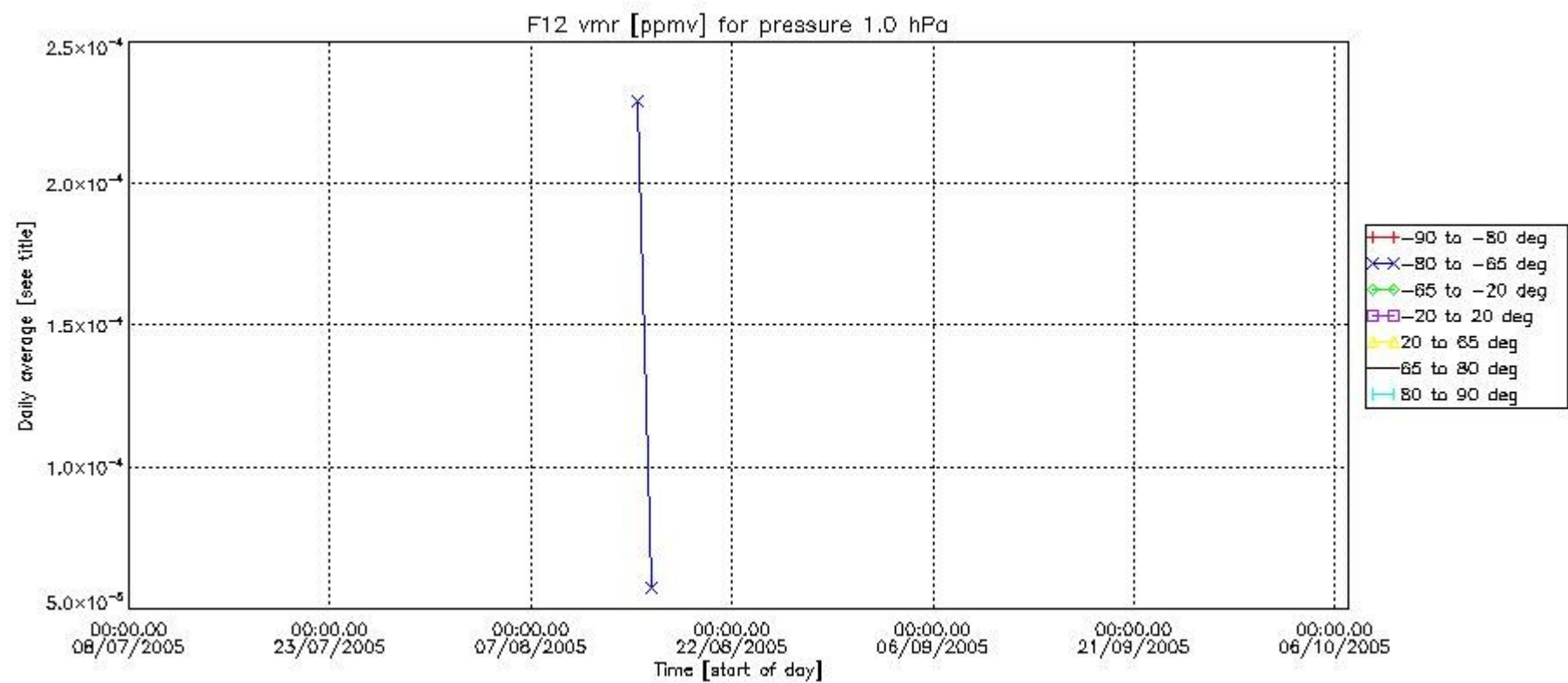
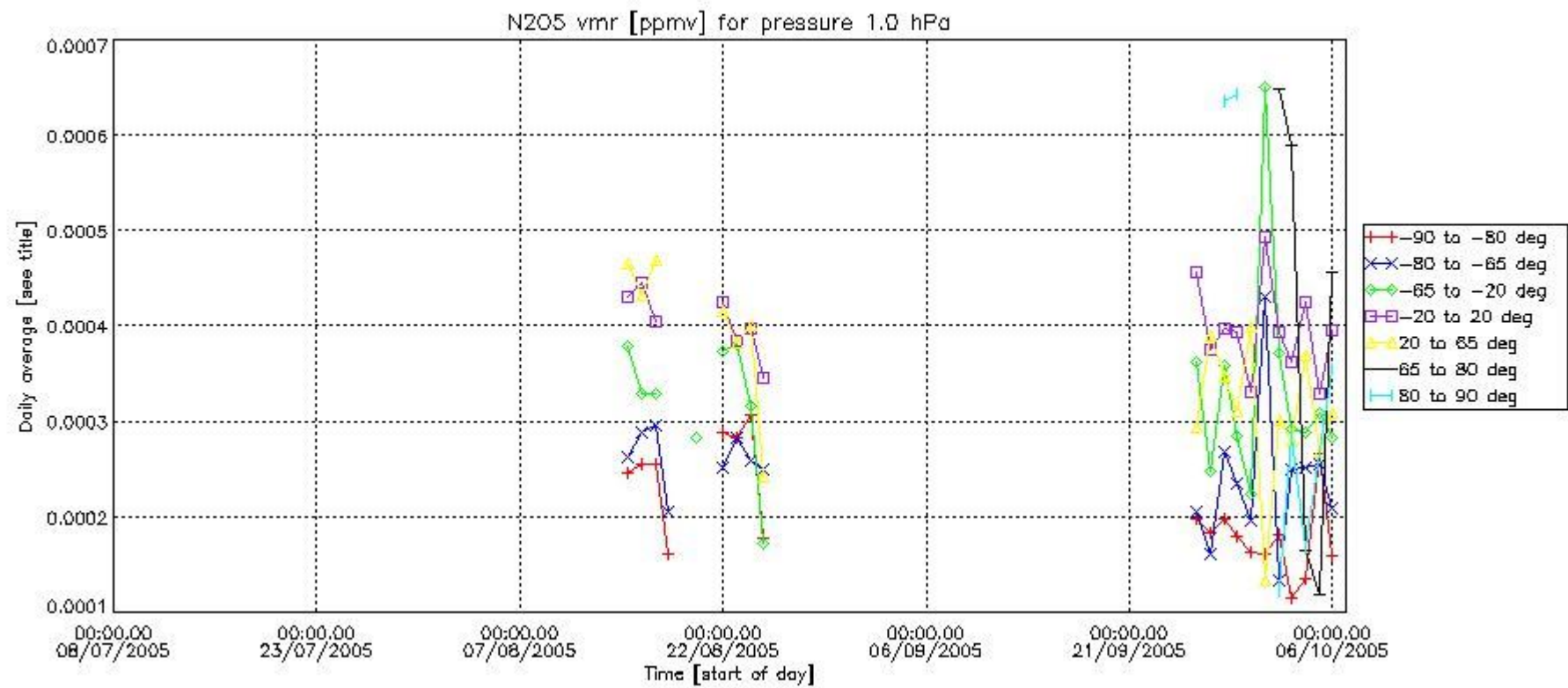


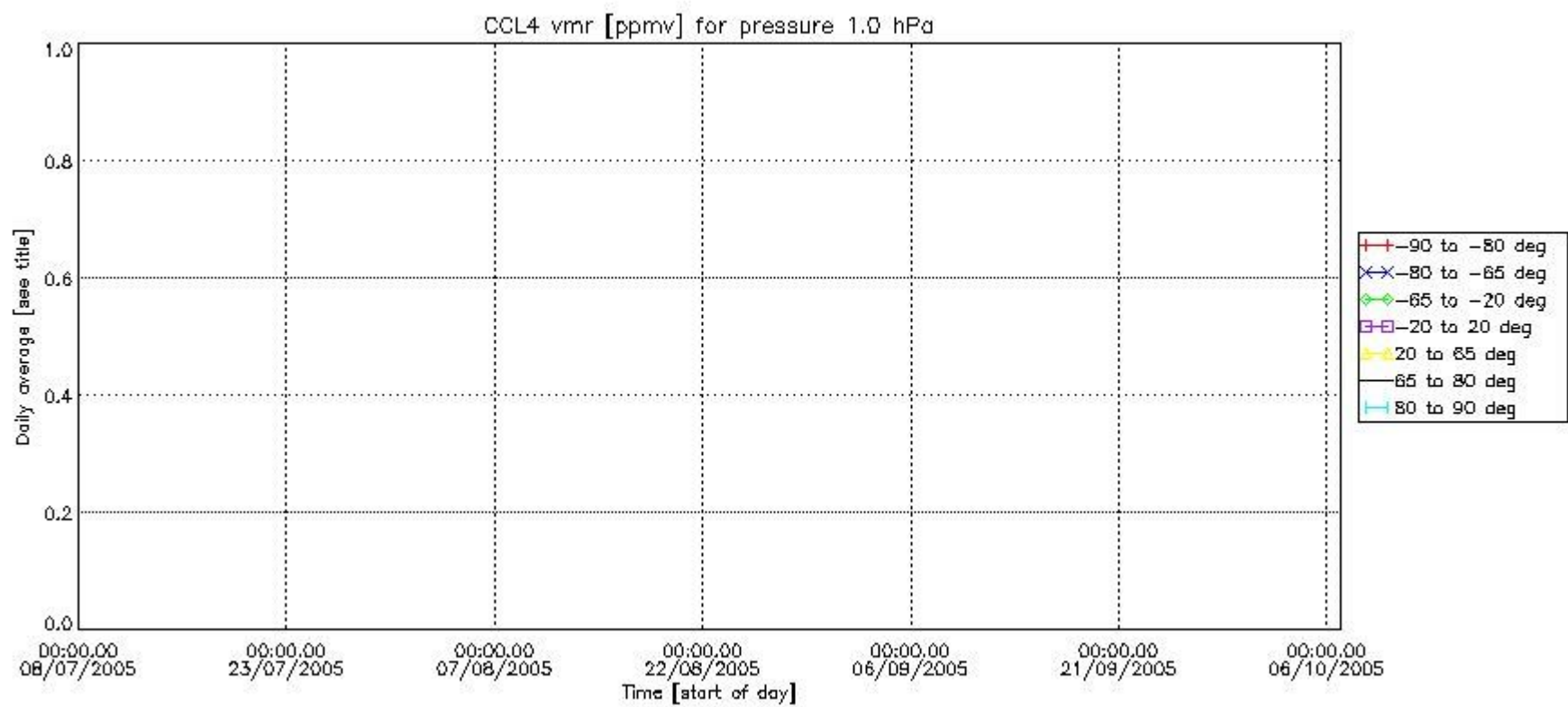
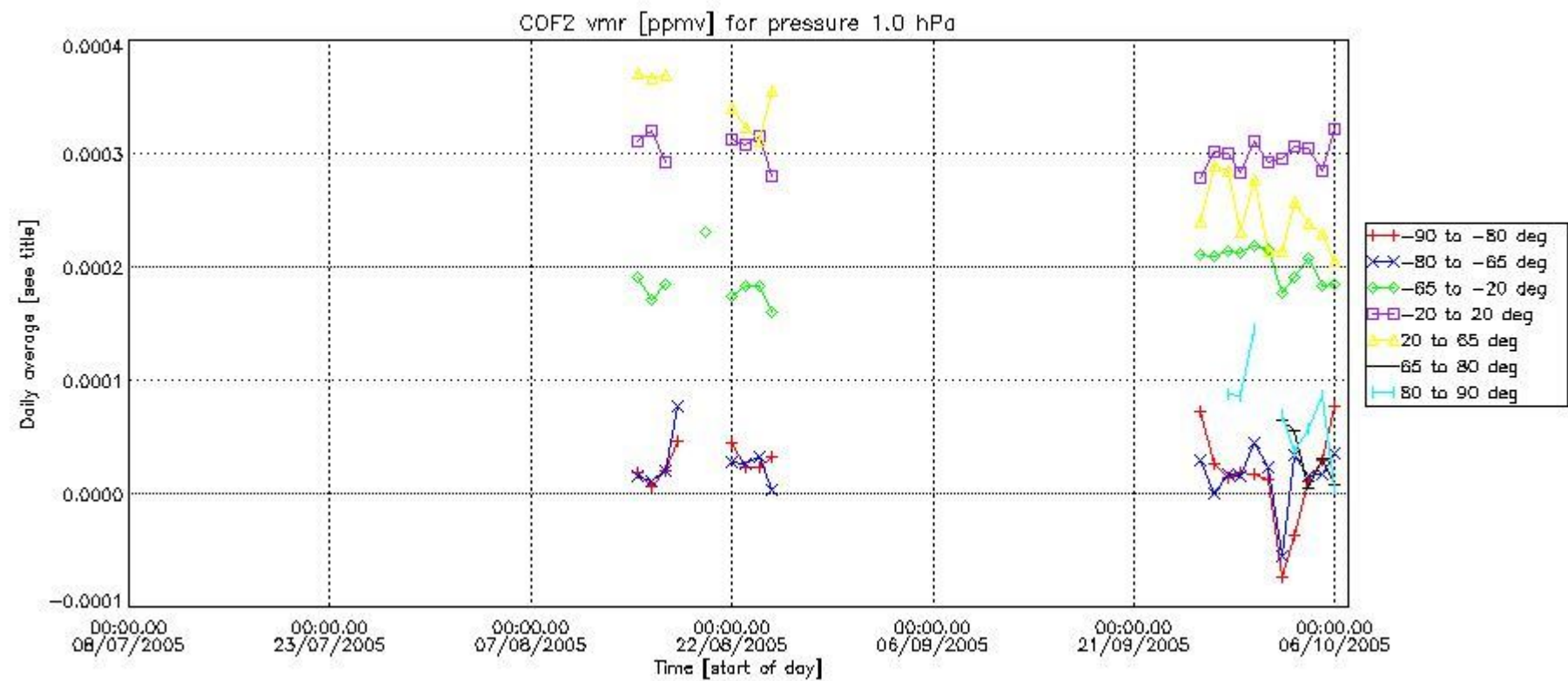


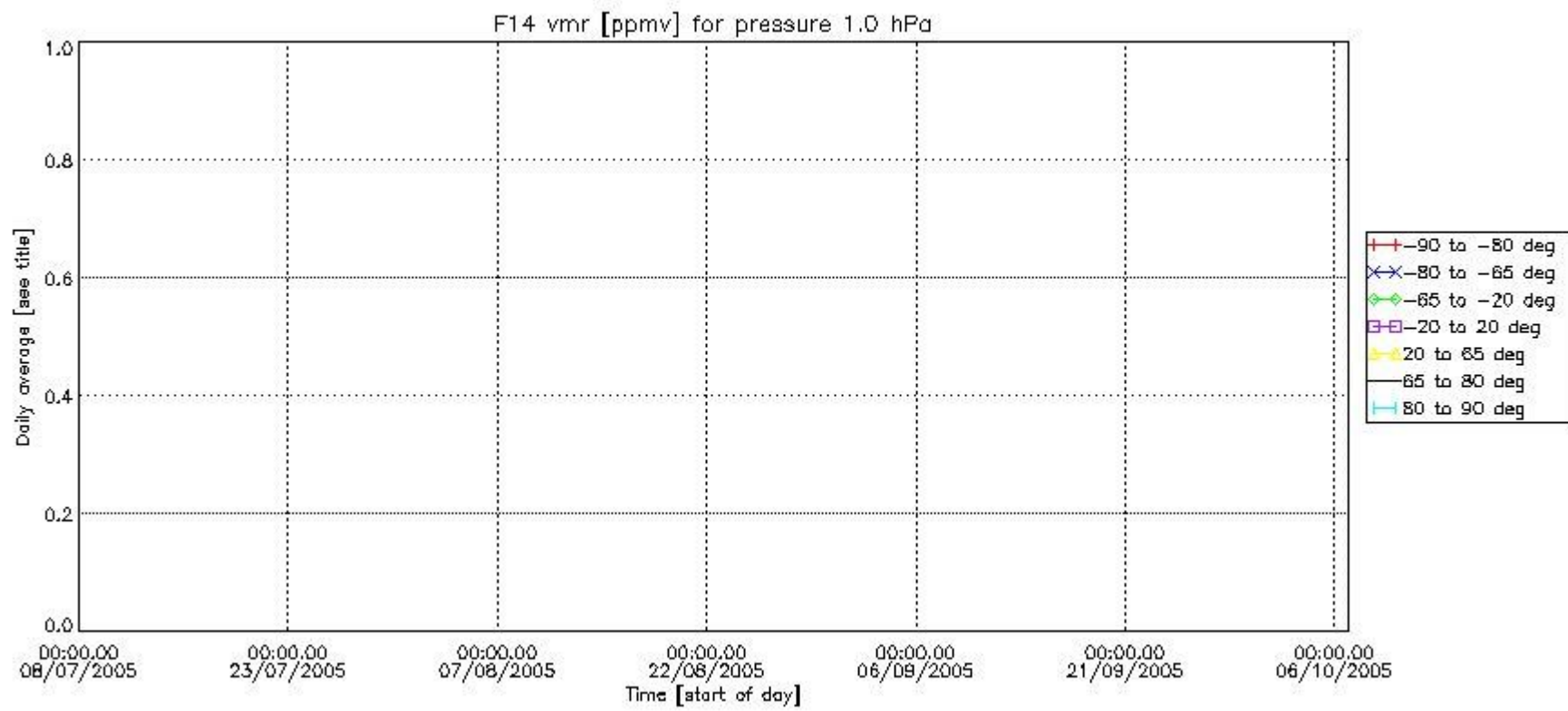
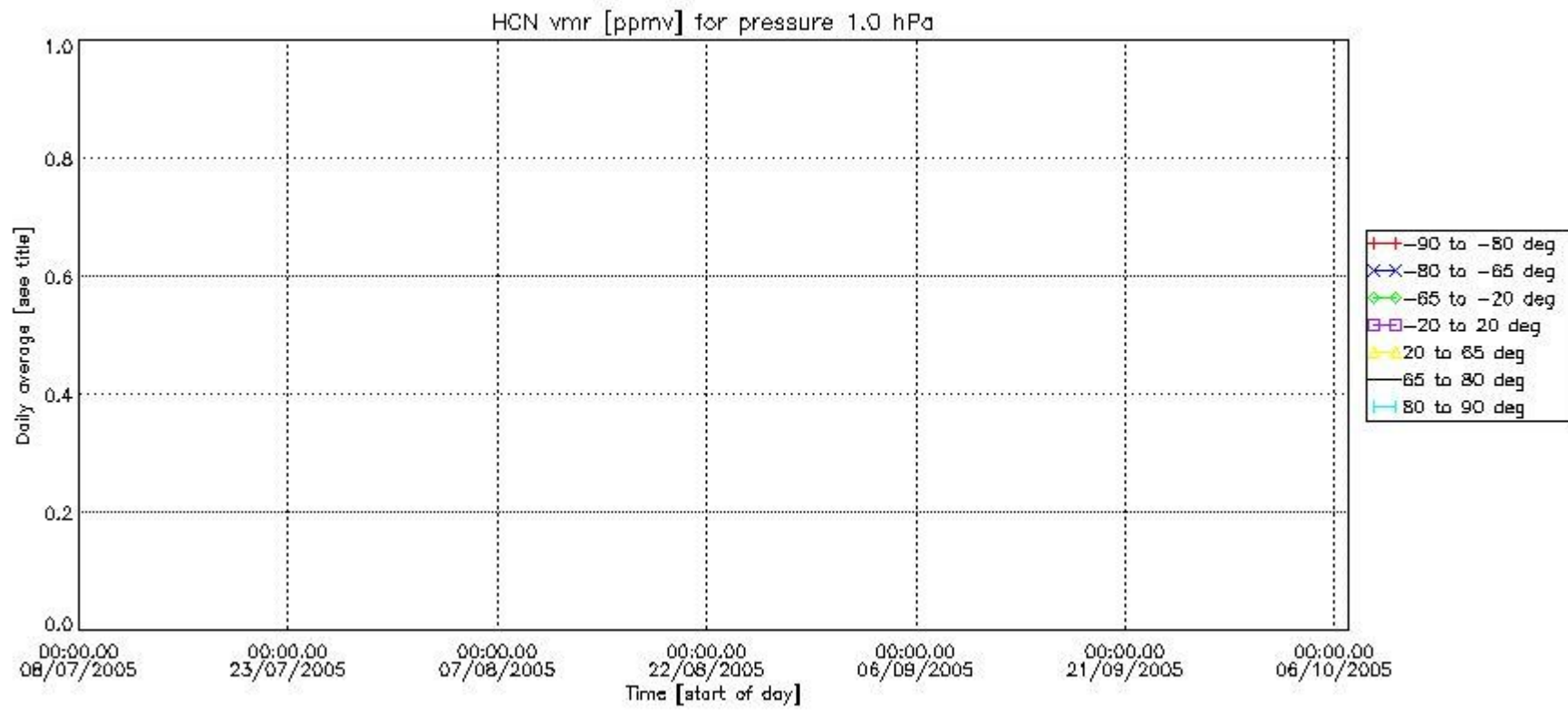


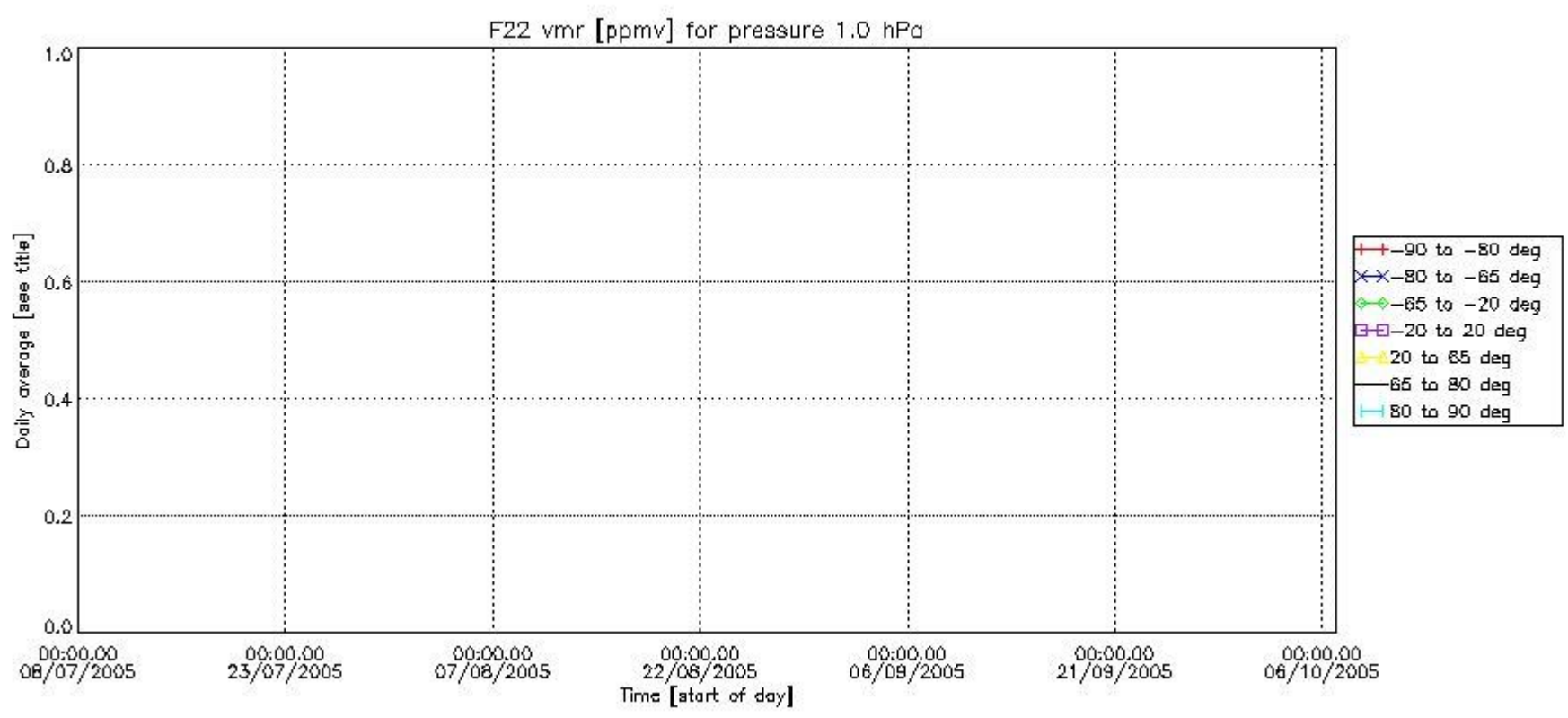












Number of successful retrievals vs. geolocation (*=day side , triangle=night side).

