

2. MIPAS Daily Report for level 2 products summary report

(See [mipas_daily_report_level2_ML2PP_7_03_W_20051013.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 15:39:24
Data source version	ML2PP/7.03-W
Processing scope for products	13OCT2005 00:00:00 to 14OCT2005 00:00:00
Start time of first product within scope	12OCT2005 23:17:50
Stop time of last product within scope	14OCT2005 00:26:48
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_2PWDSI20051012_231750_000060362041_00331_18922_1000.N1	12OCT2005 23:17:50	13OCT2005 00:58:25	0	133/133	VMR_TERM_MACRO_MICRO[HCN/micro:1]
1	MIP_NL_2PWDSI20051013_060353_000057672041_00335_18926_1000.N1	13OCT2005 06:03:53	13OCT2005 07:39:59	0	103/103	VMR_TERM_MACRO_MICRO[HCN/macro:1; F14/macro:3; HCN/micro:1]
2	MIP_NL_2PWDSI20051013_074049_000060302041_00336_18927_1000.N1	13OCT2005 07:40:49	13OCT2005 09:21:19	0	128/128	VMR_TERM_MACRO_MICRO[CLNO/micro:1; HCN/micro:1]
3	MIP_NL_2PWDSI20051013_092125_000028032041_00337_18928_1000.N1	13OCT2005 09:21:25	13OCT2005 10:08:08	0	62/62	VMR_TERM_MACRO_MICRO[F14/macro:1; HCN/micro:1]
4	MIP_NL_2PWDSI20051013_192840_000057672041_00343_18934_1000.N1	13OCT2005 19:28:40	13OCT2005 21:04:47	0	103/103	VMR_TERM_MACRO_MICRO[F14/macro:1]
5	MIP_NL_2PWDSI20051013_210537_000060302041_00344_18935_1000.N1	13OCT2005 21:05:37	13OCT2005 22:46:07	0	128/128	VMR_TERM_MACRO_MICRO[HCN/macro:1]
6	MIP_NL_2PWDSI20051013_224613_000060362041_00345_18936_1000.N1	13OCT2005 22:46:13	14OCT2005 00:26:48	0	133/133	

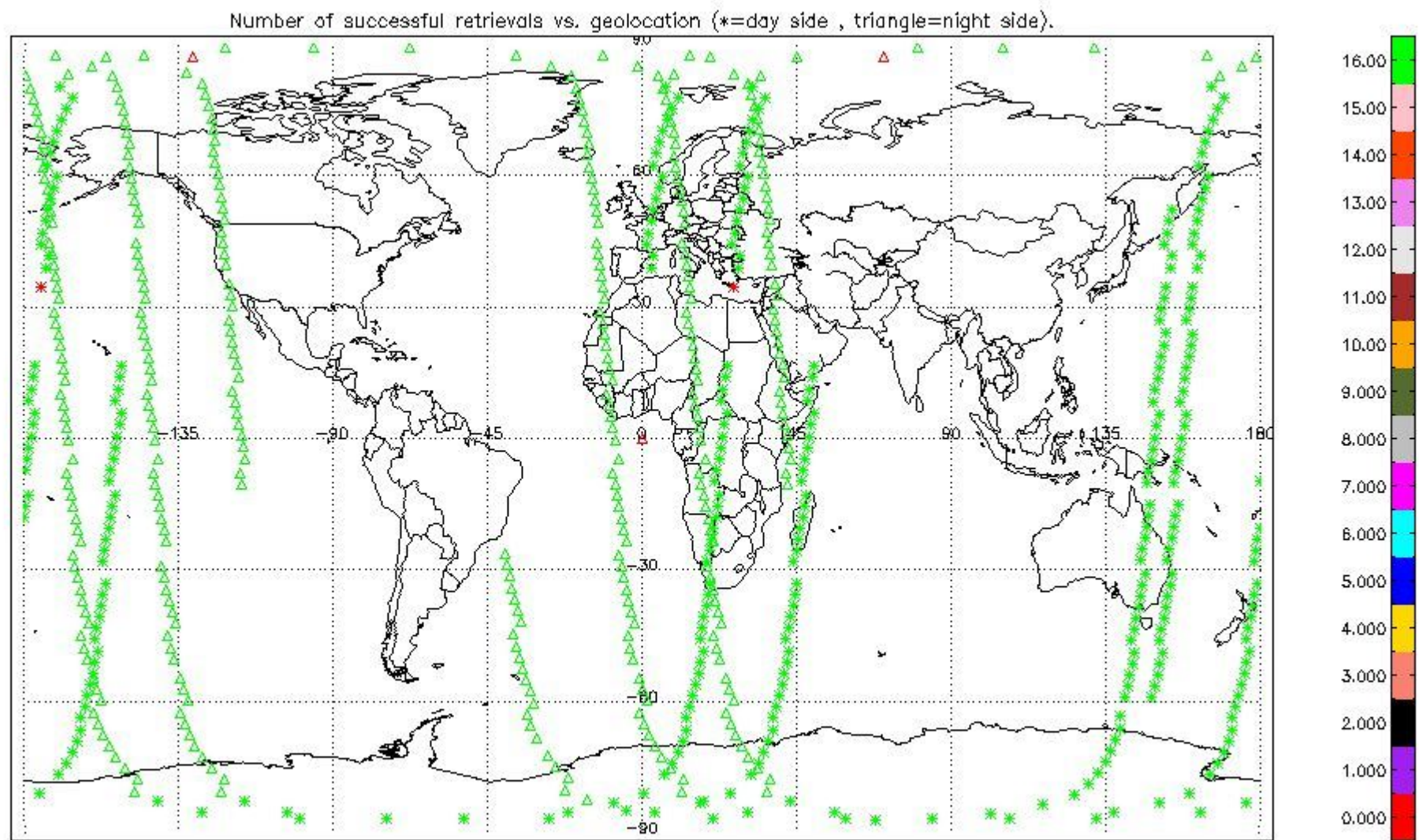
2.2 Processing performance indicators

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.

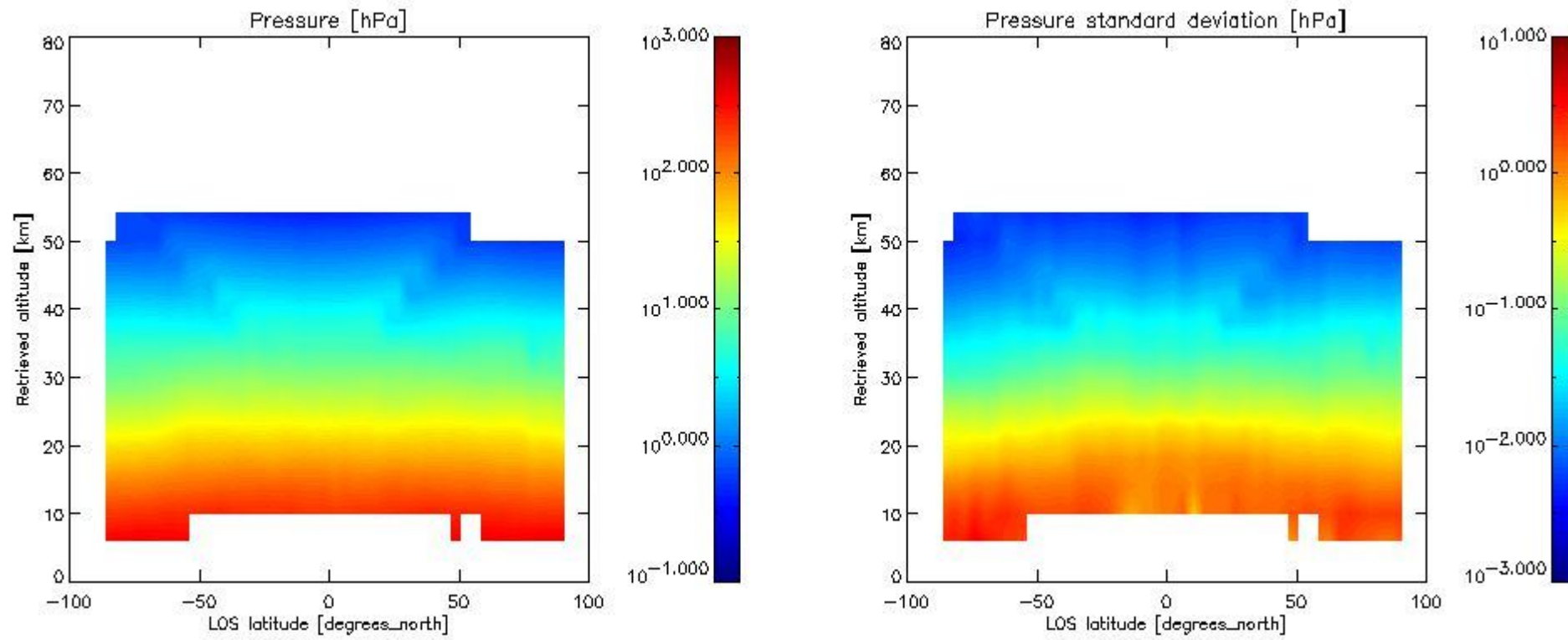
RETRIEVAL MDS	# scans processed	# Successful retrievals	%
PT	790	691	87.468
H2O	790	691	87.468
O3	790	691	87.468

HNO3	790	691	87.468
CH4	790	691	87.468
N2O	790	691	87.468
NO2	790	691	87.468
F11	790	691	87.468
CLNO	790	691	87.468
N2O5	790	691	87.468
F12	790	691	87.468
COF2	790	691	87.468
CCL4	790	691	87.468
HCN	790	691	87.468
F14	790	691	87.468
F22	790	691	87.468



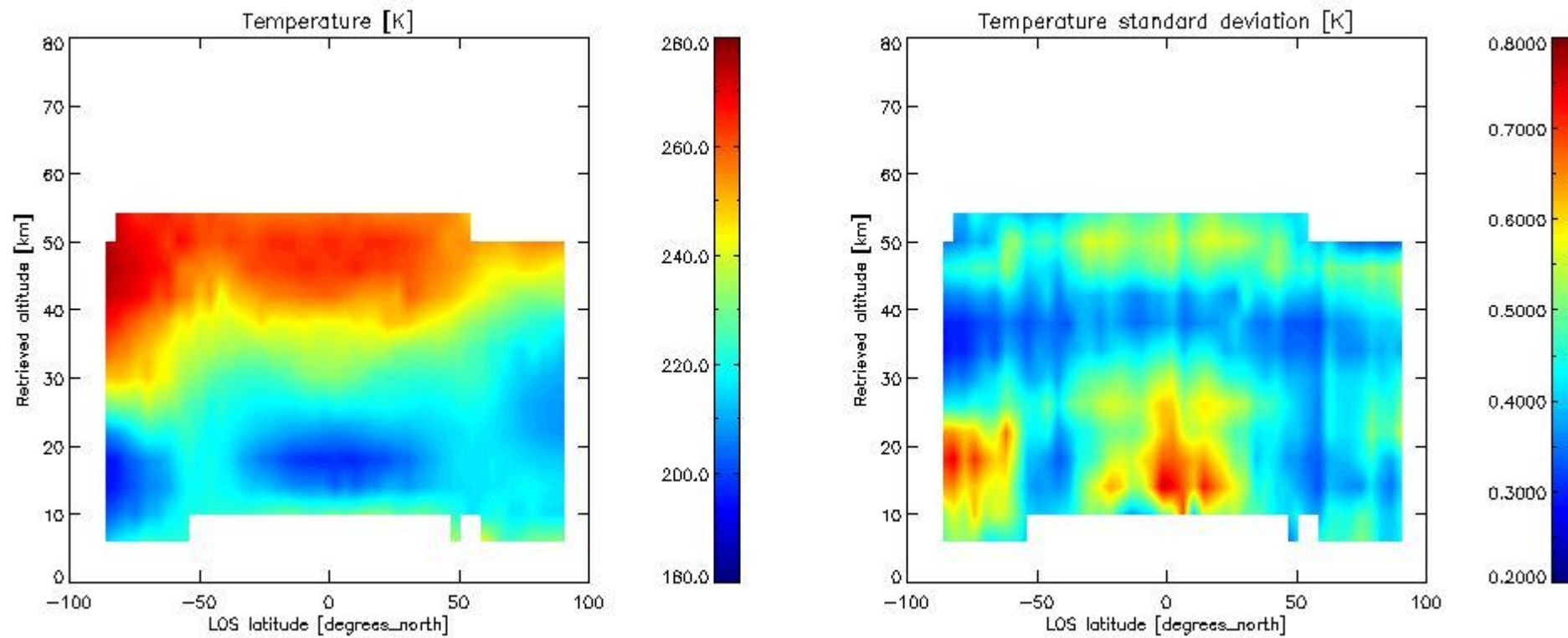
2.2.2 Pressure overview

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



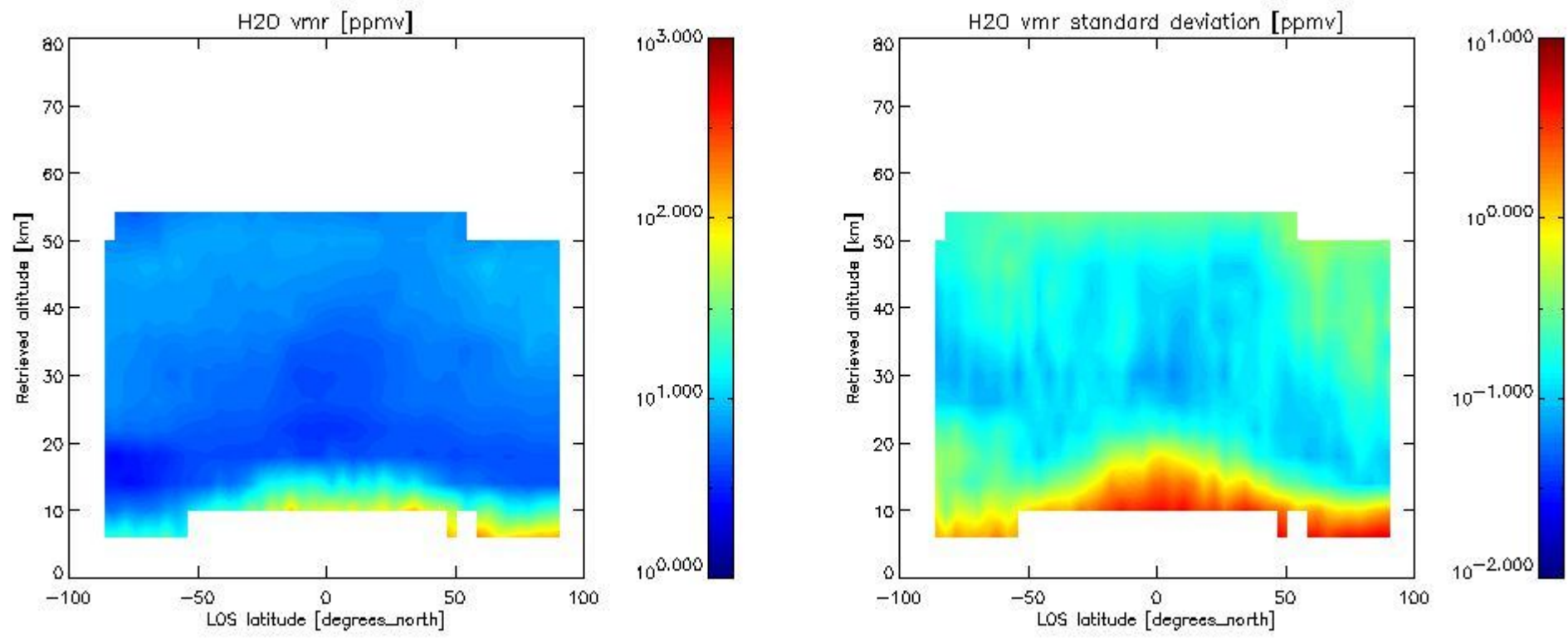
2.2.3 Temperature overview

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

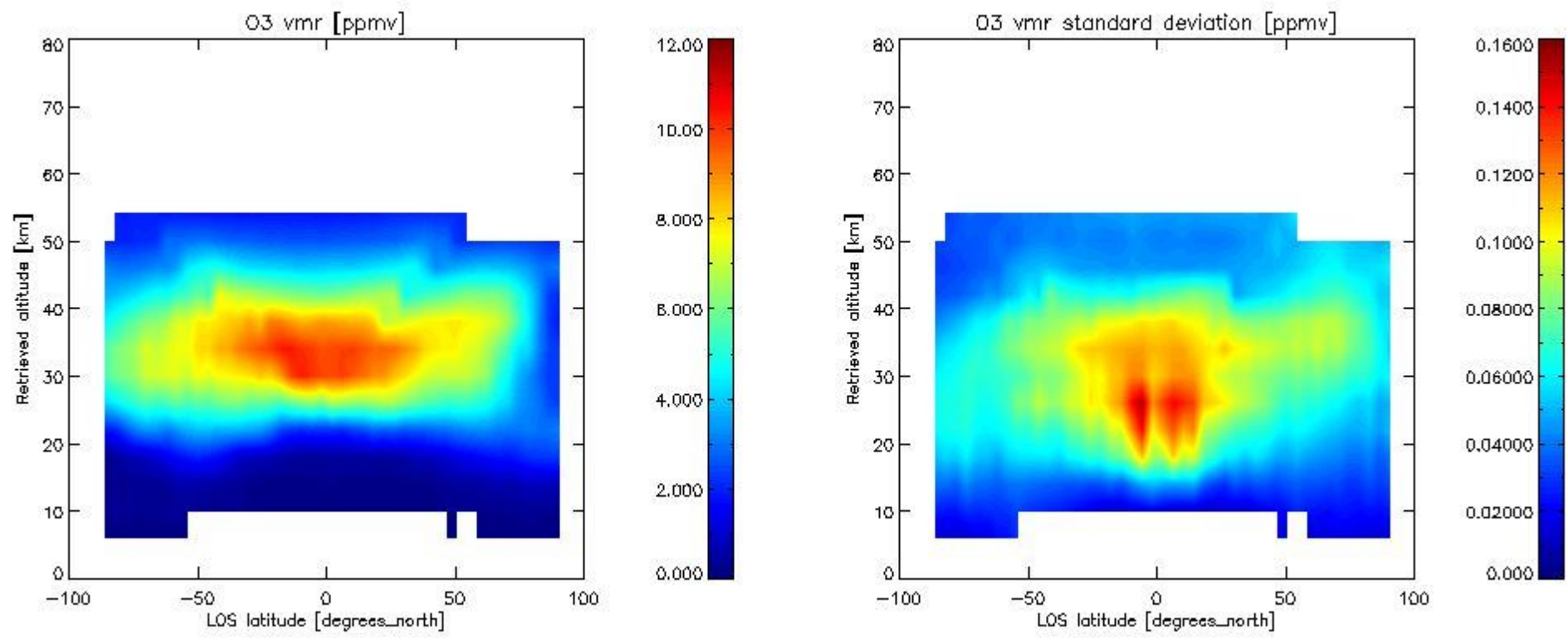


2.2.4 Species overview

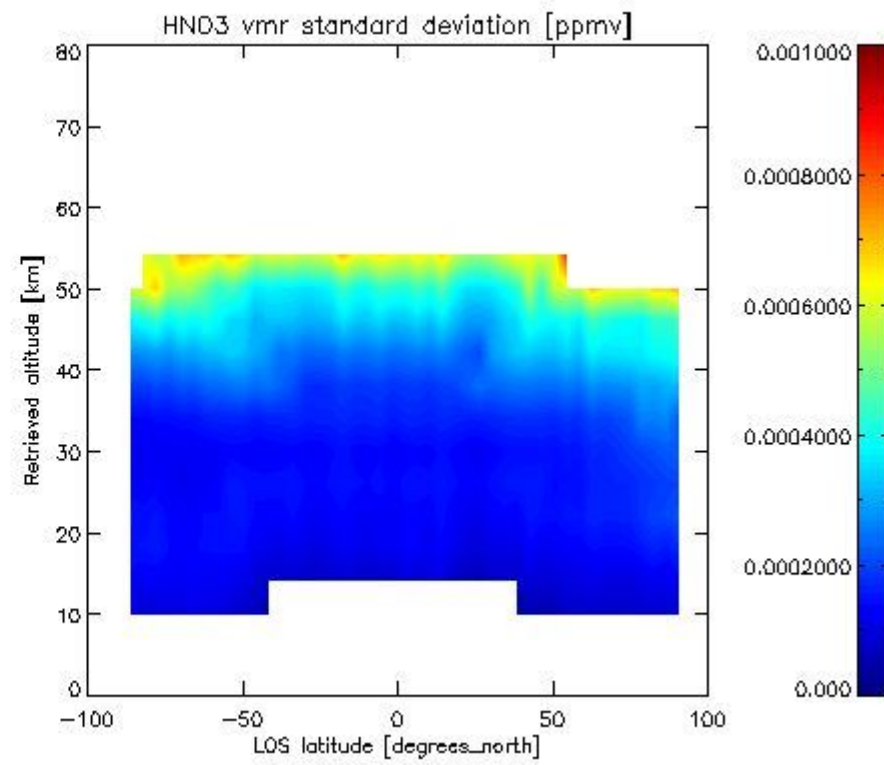
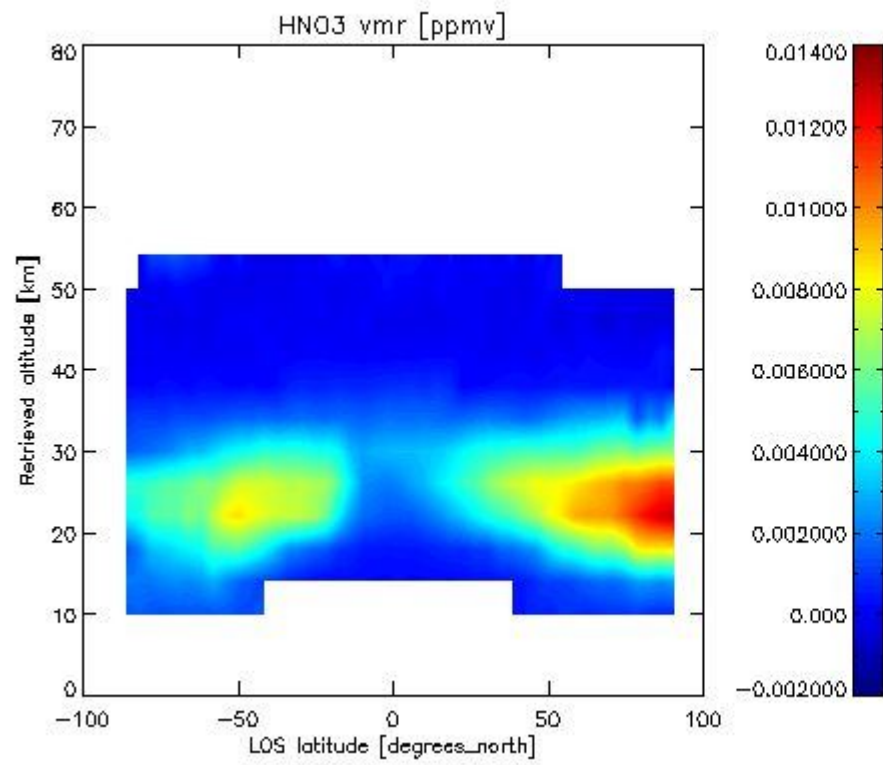
2.2.4.1 H₂O overview This section shows values (left) and error (right) for H₂O after binning individual sweep values over retrieved altitude and tangent latitude.



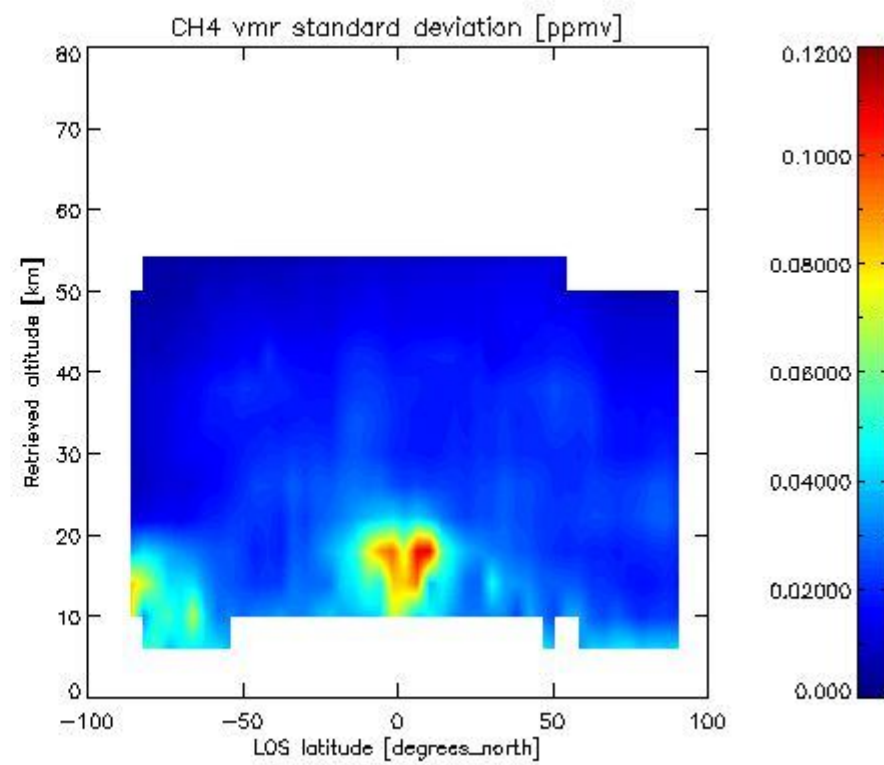
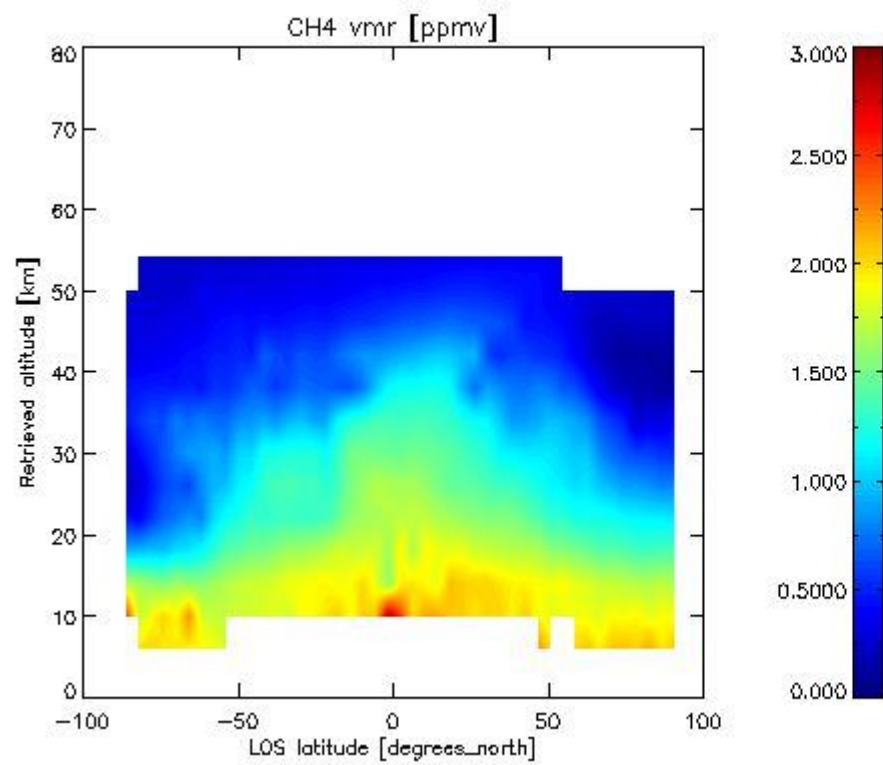
2.2.4.2 O3 overview This section shows values (left) and error (right) for O3 after binning individual sweep values over retrieved altitude and tangent latitude.



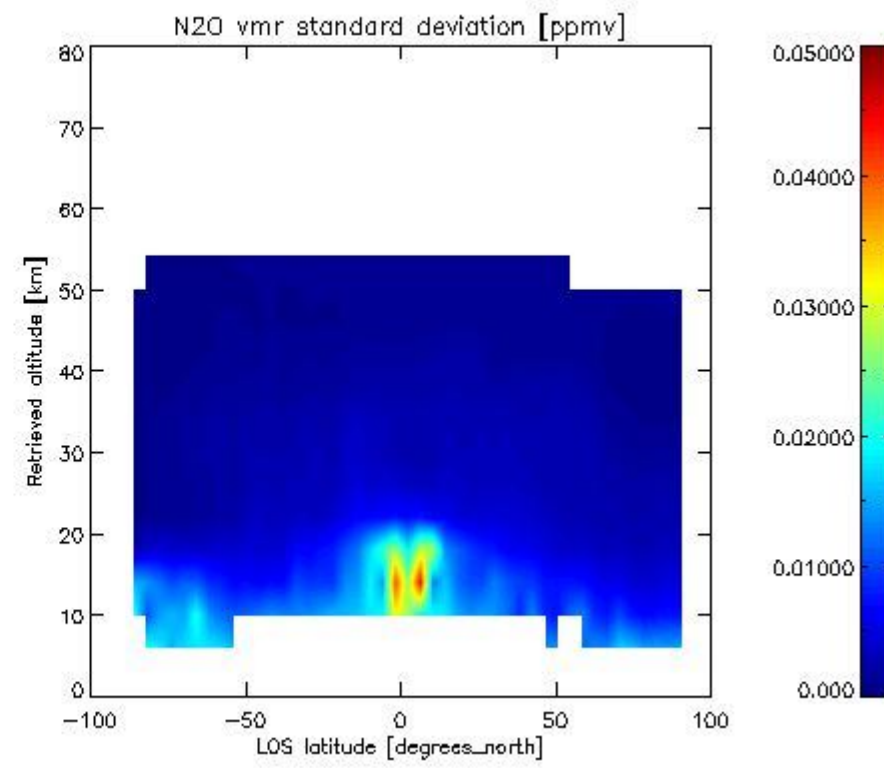
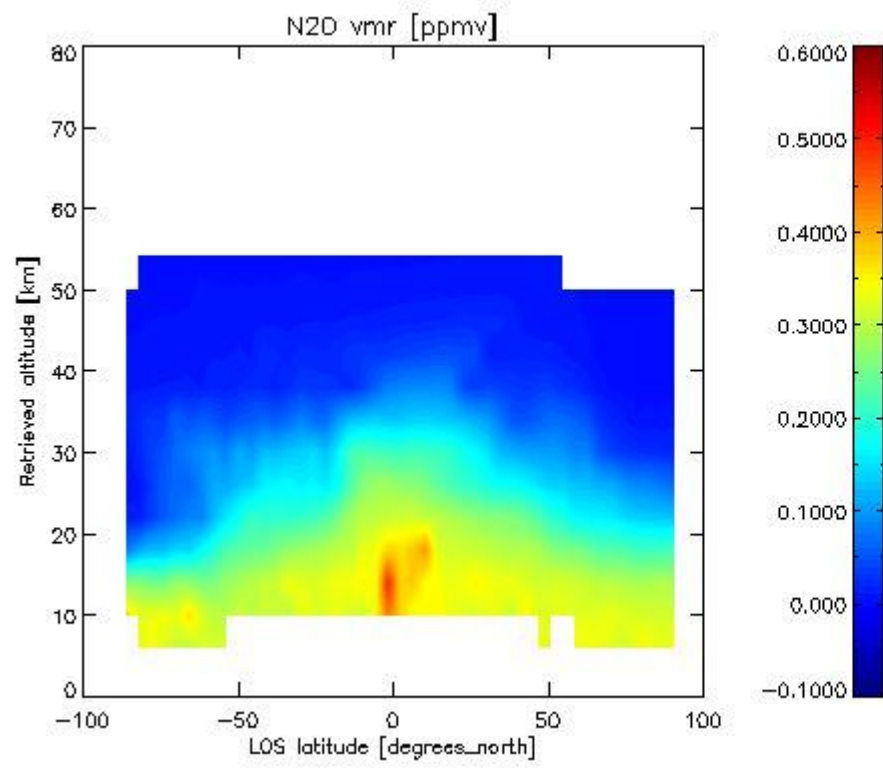
2.2.4.3 HNO3 overview This section shows values (left) and error (right) for HNO3 after binning individual sweep values over retrieved altitude and tangent latitude.



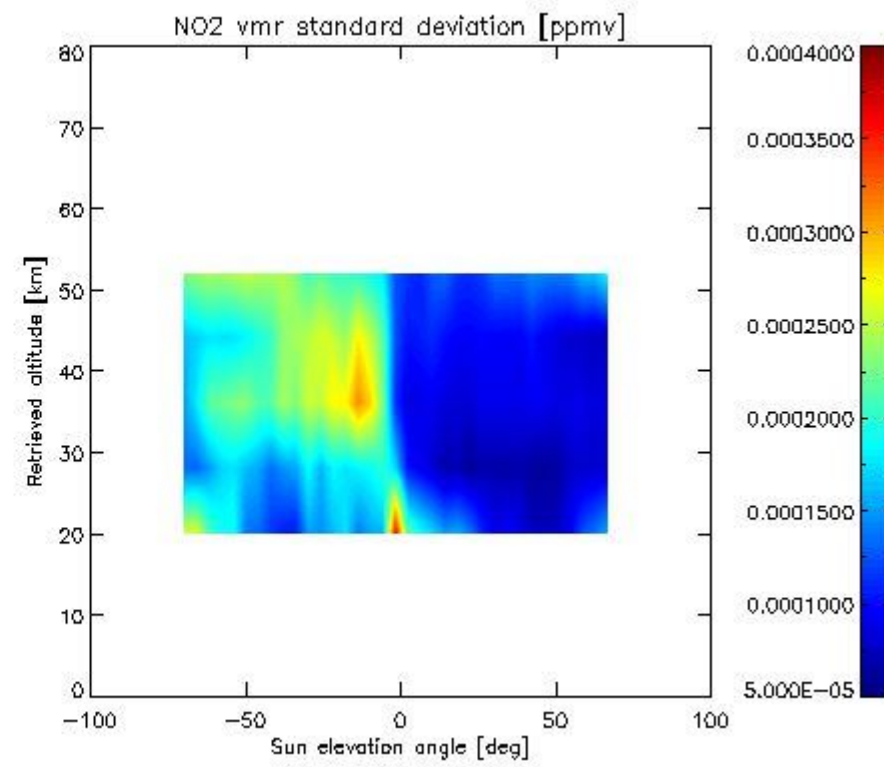
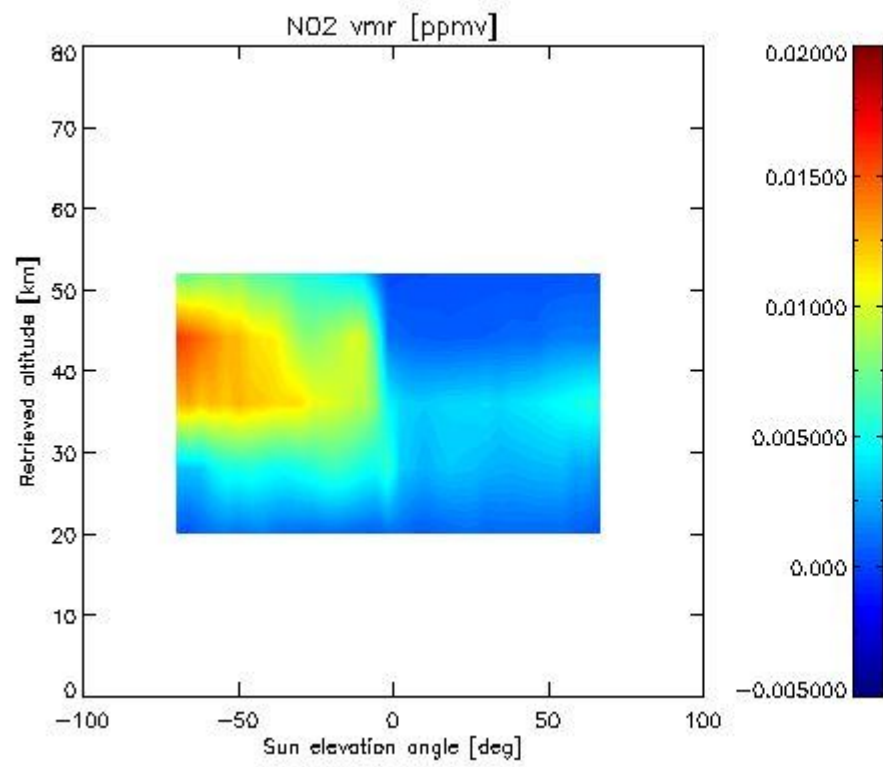
2.2.4.4 CH4 overview This section shows values (left) and error (right) for CH4 after binning individual sweep values over retrieved altitude and tangent latitude.



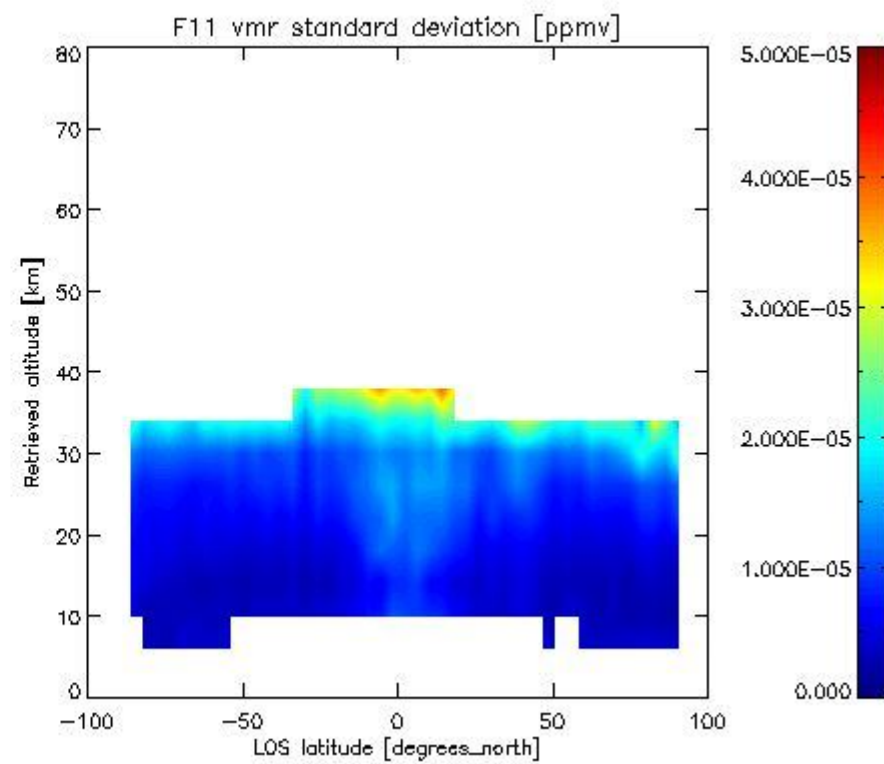
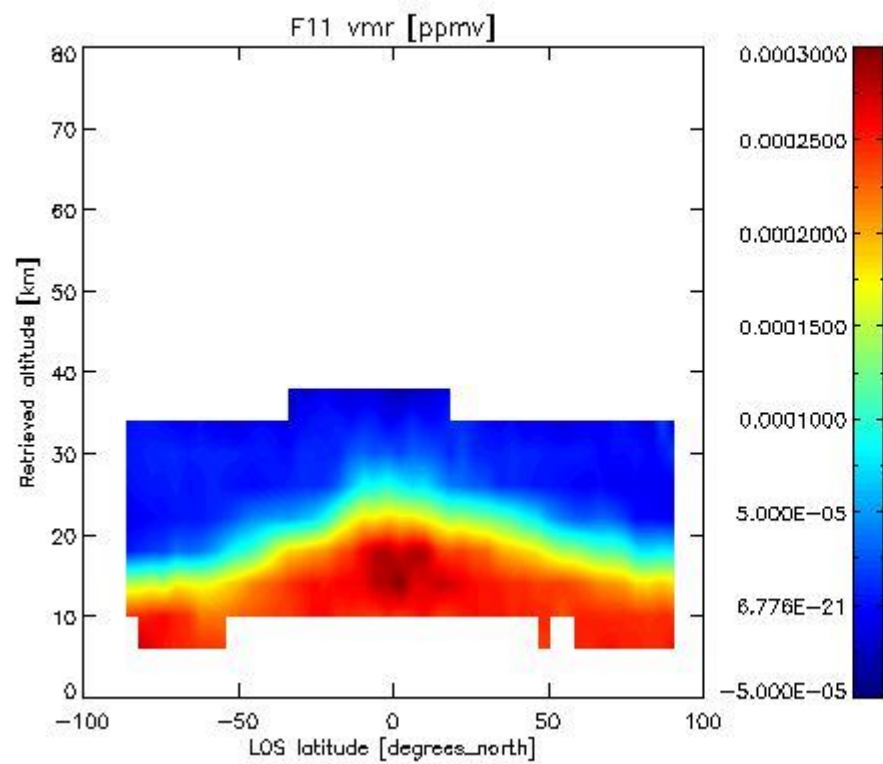
2.2.4.5 N2O overview This section shows values (left) and error (right) for N2O after binning individual sweep values over retrieved altitude and tangent latitude.



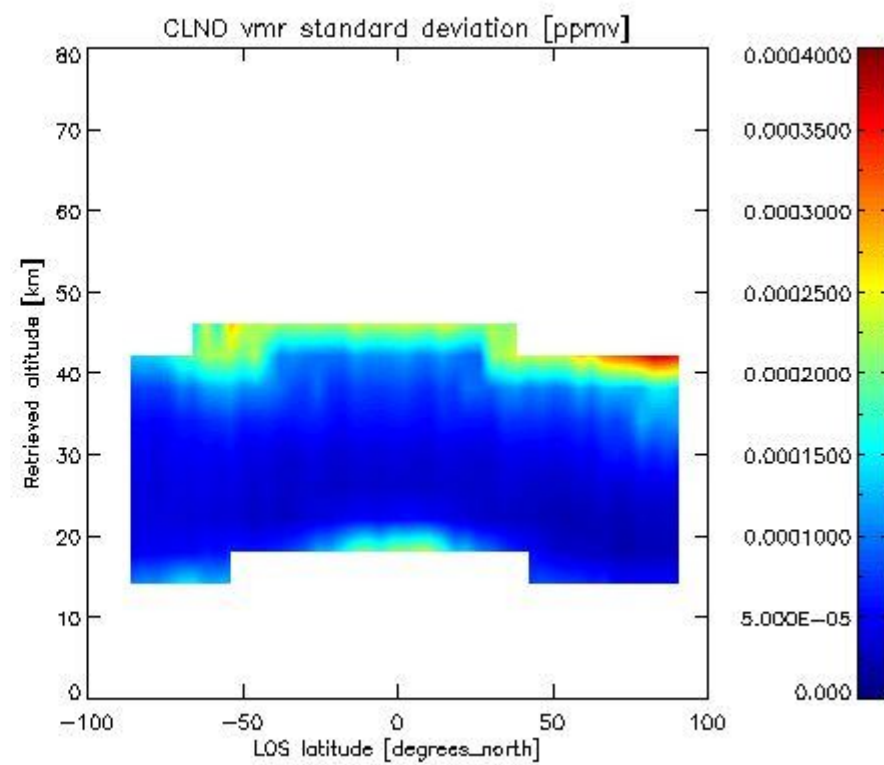
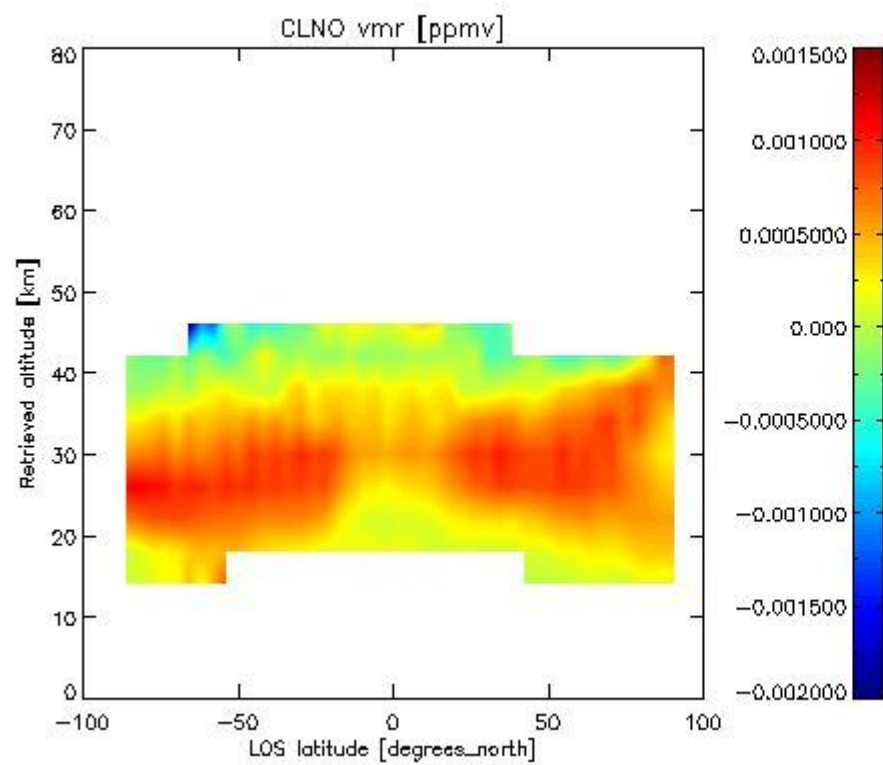
2.2.4.6 NO₂ overview This section shows values (left) and error (right) for NO₂ after binning individual sweep values over retrieved altitude and Sun Elevation Angle. Note that for NO₂ the bin heights are 6 km.

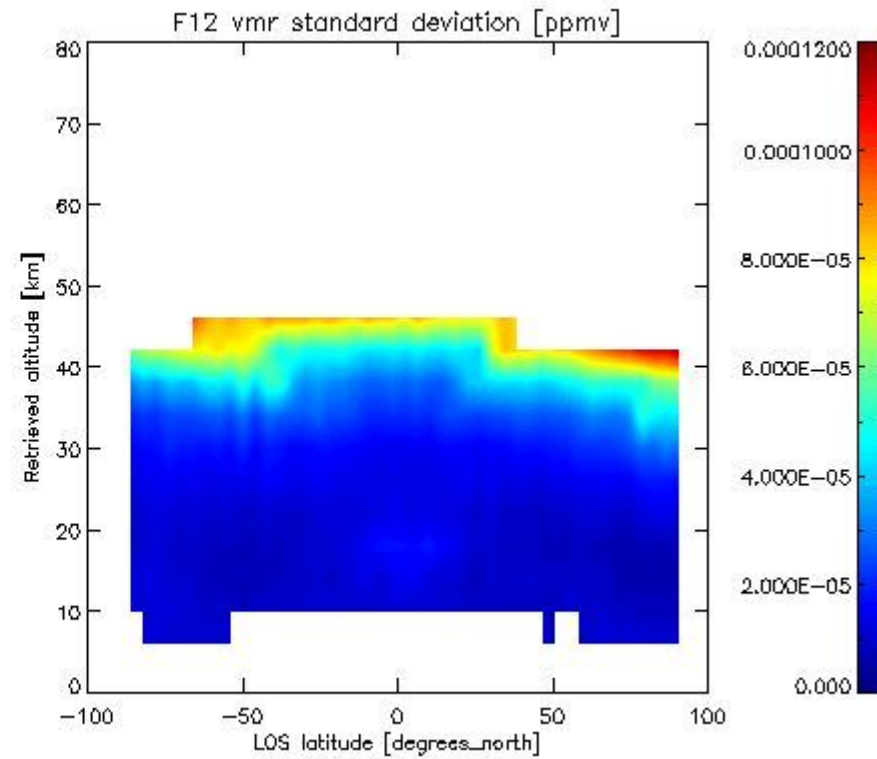
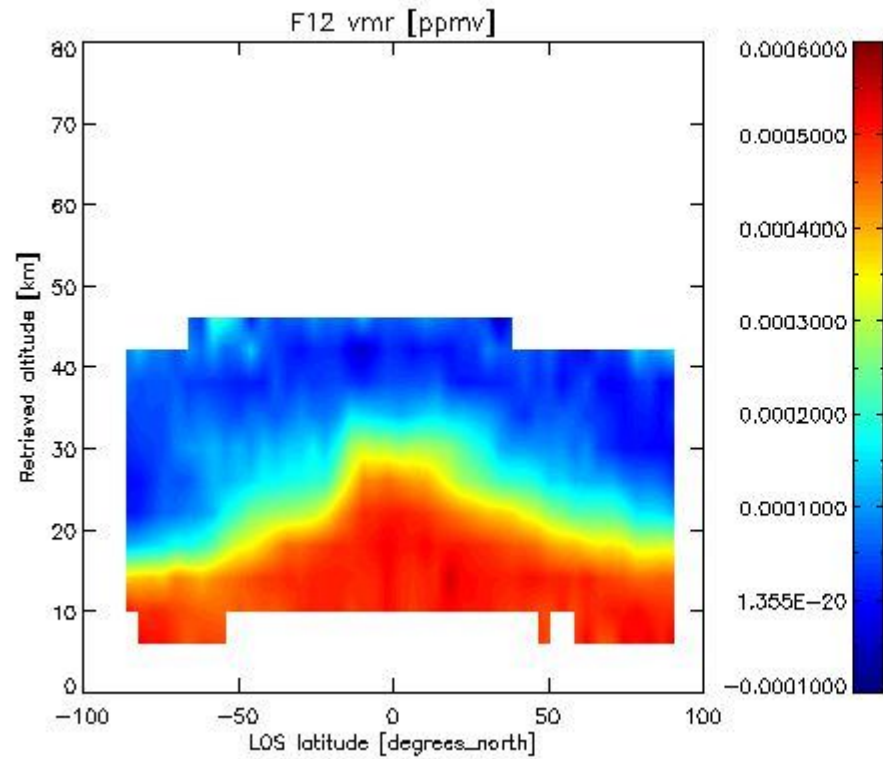
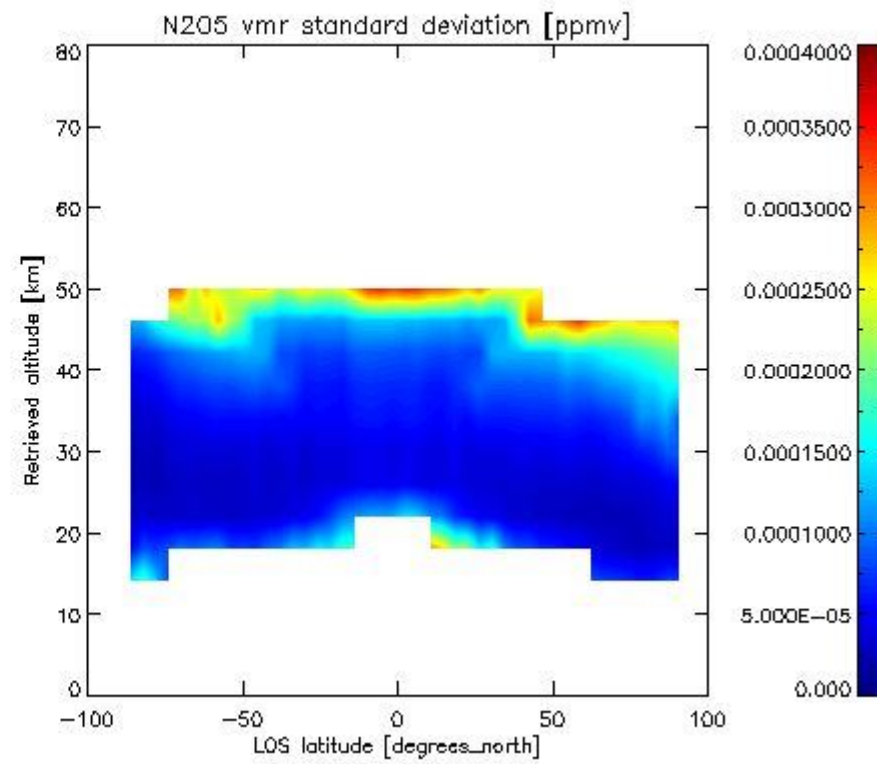
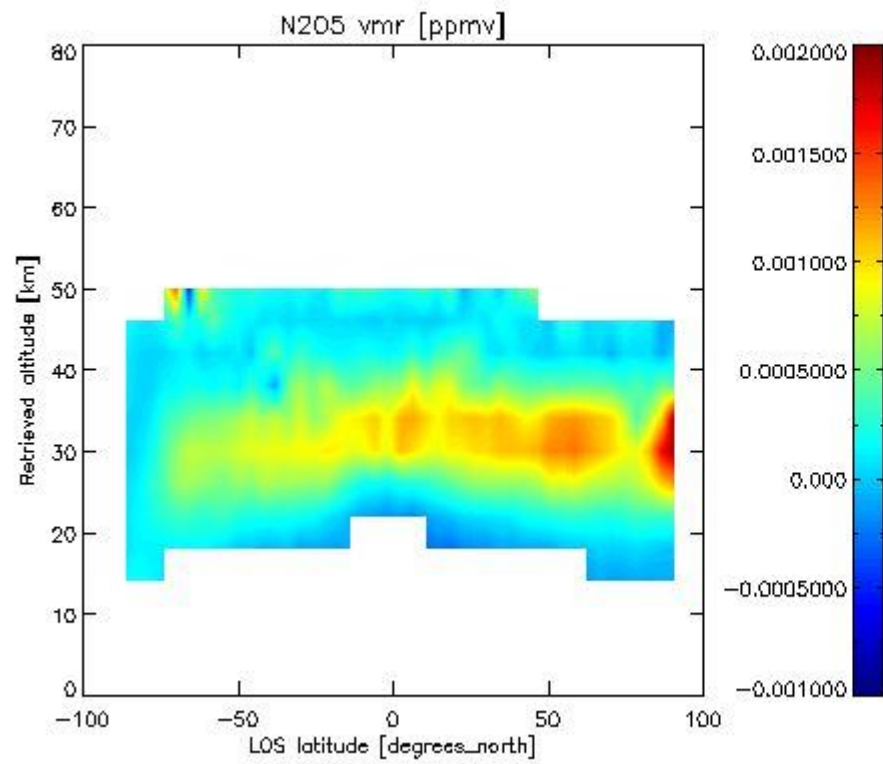


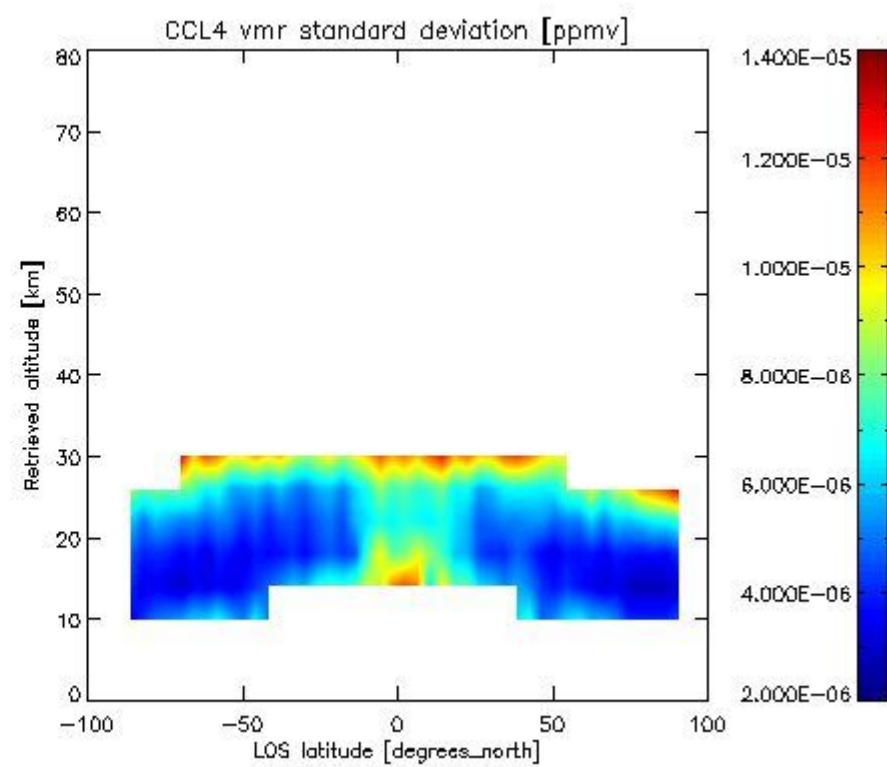
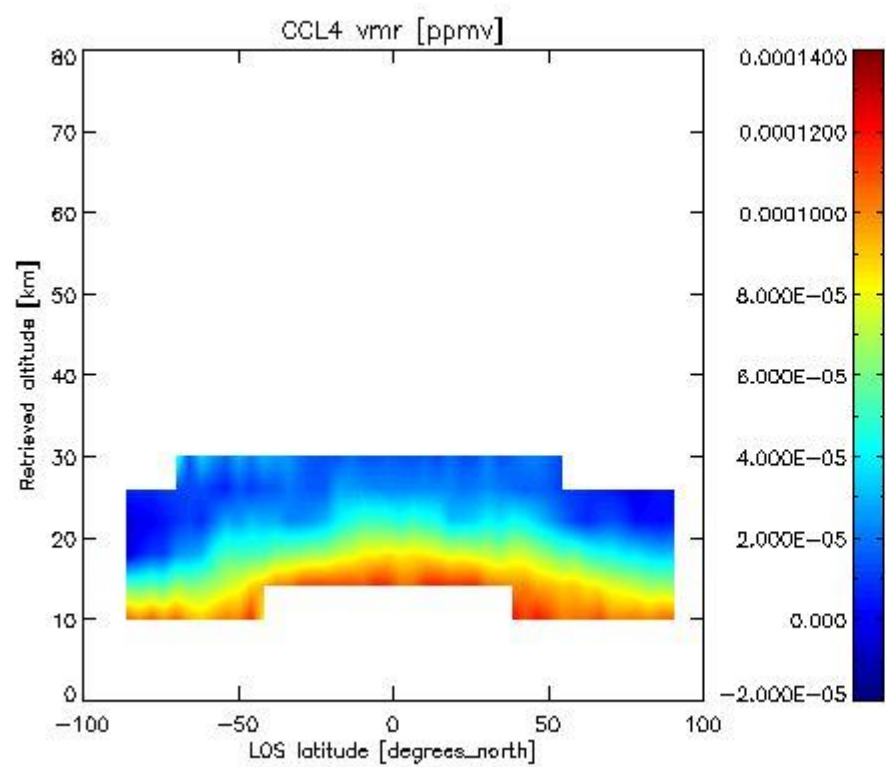
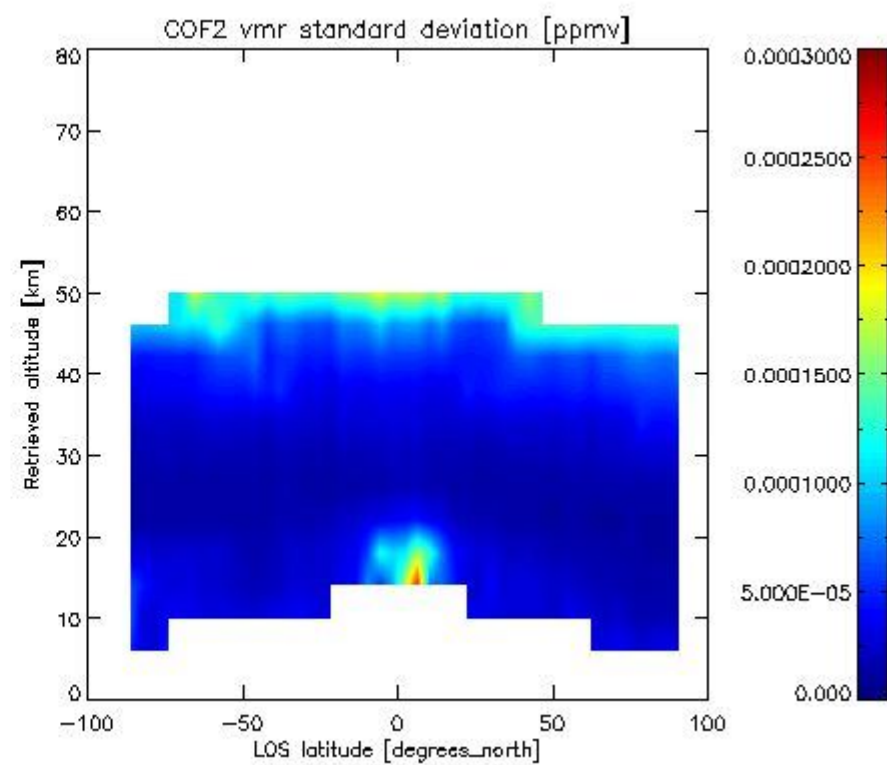
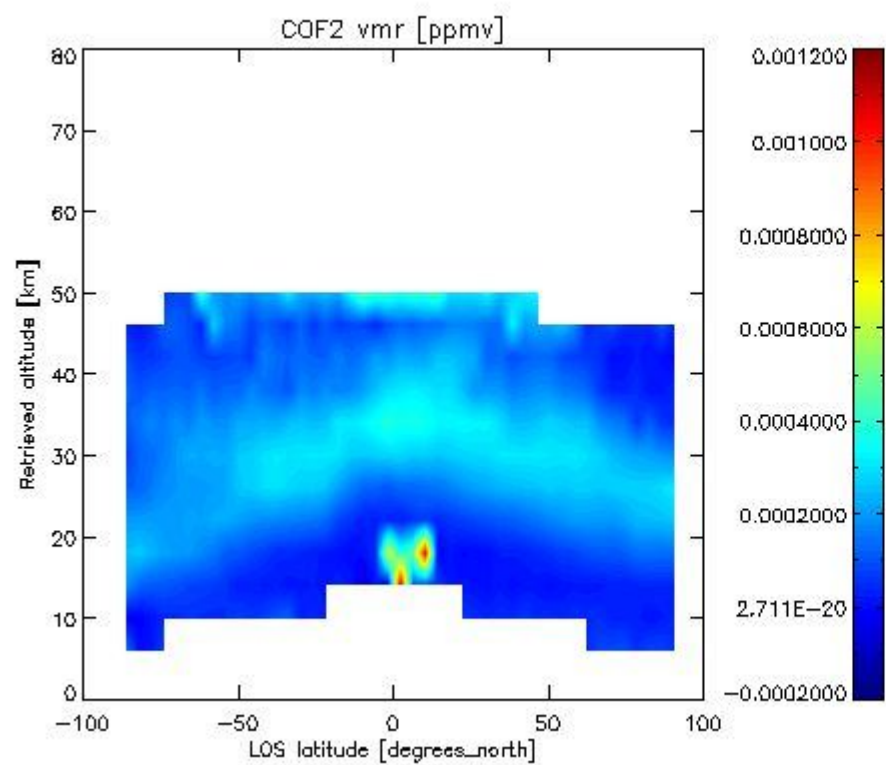
2.2.4.7 F11 overview This section shows values (left) and error (right) for F11 after binning individual sweep values over retrieved altitude and tangent latitude.

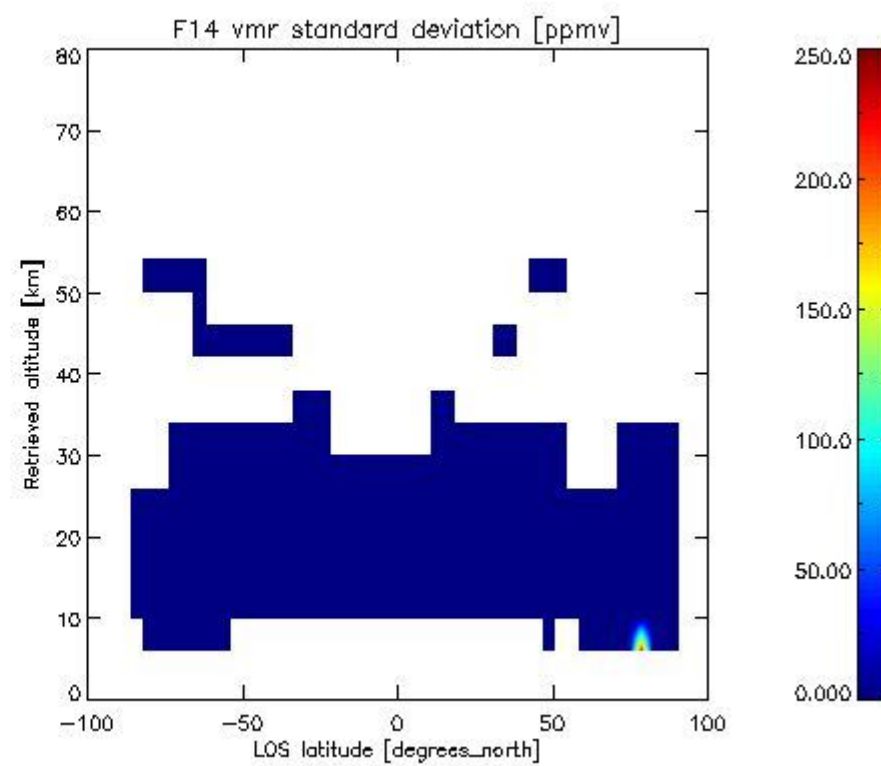
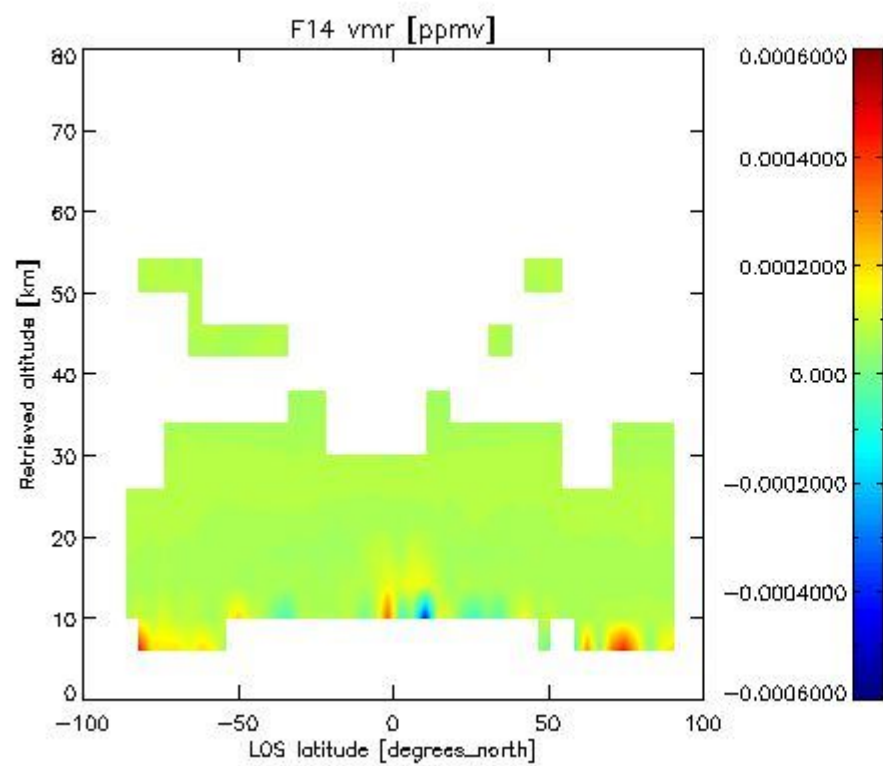
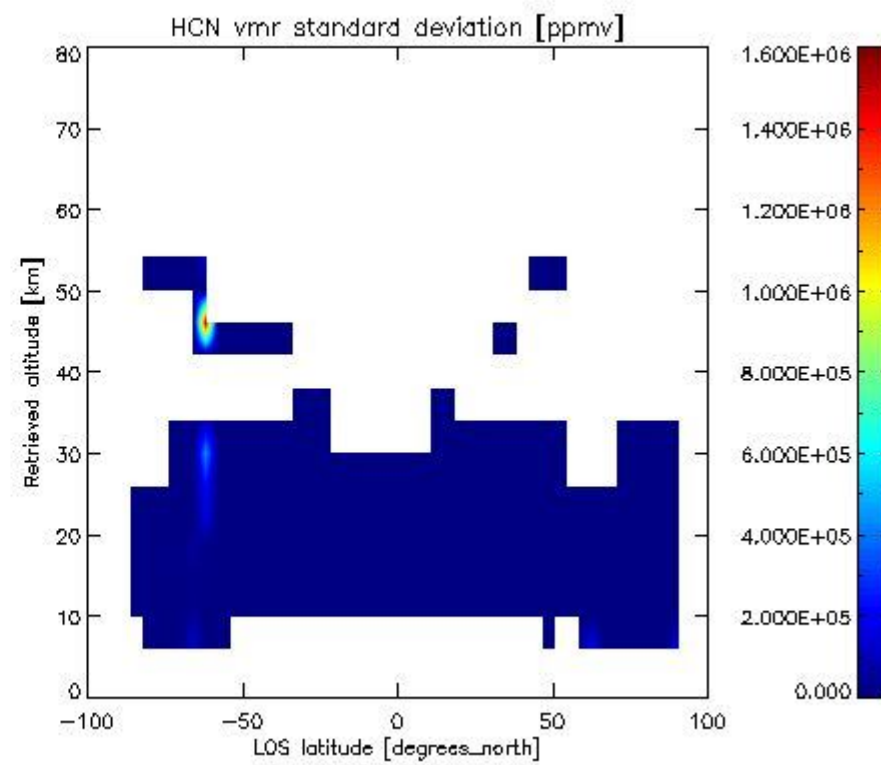
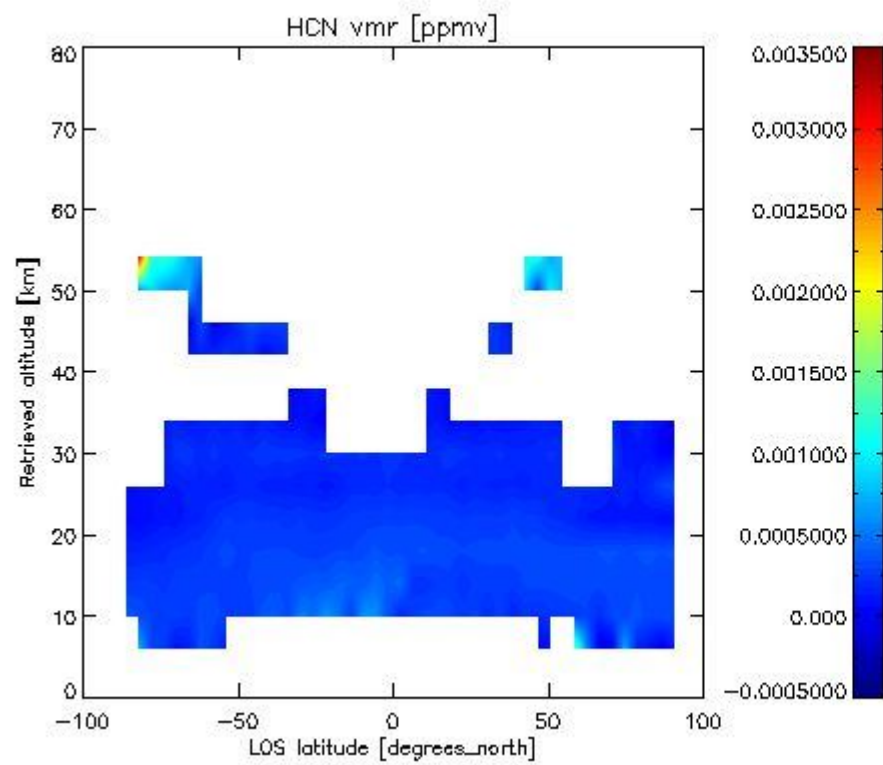


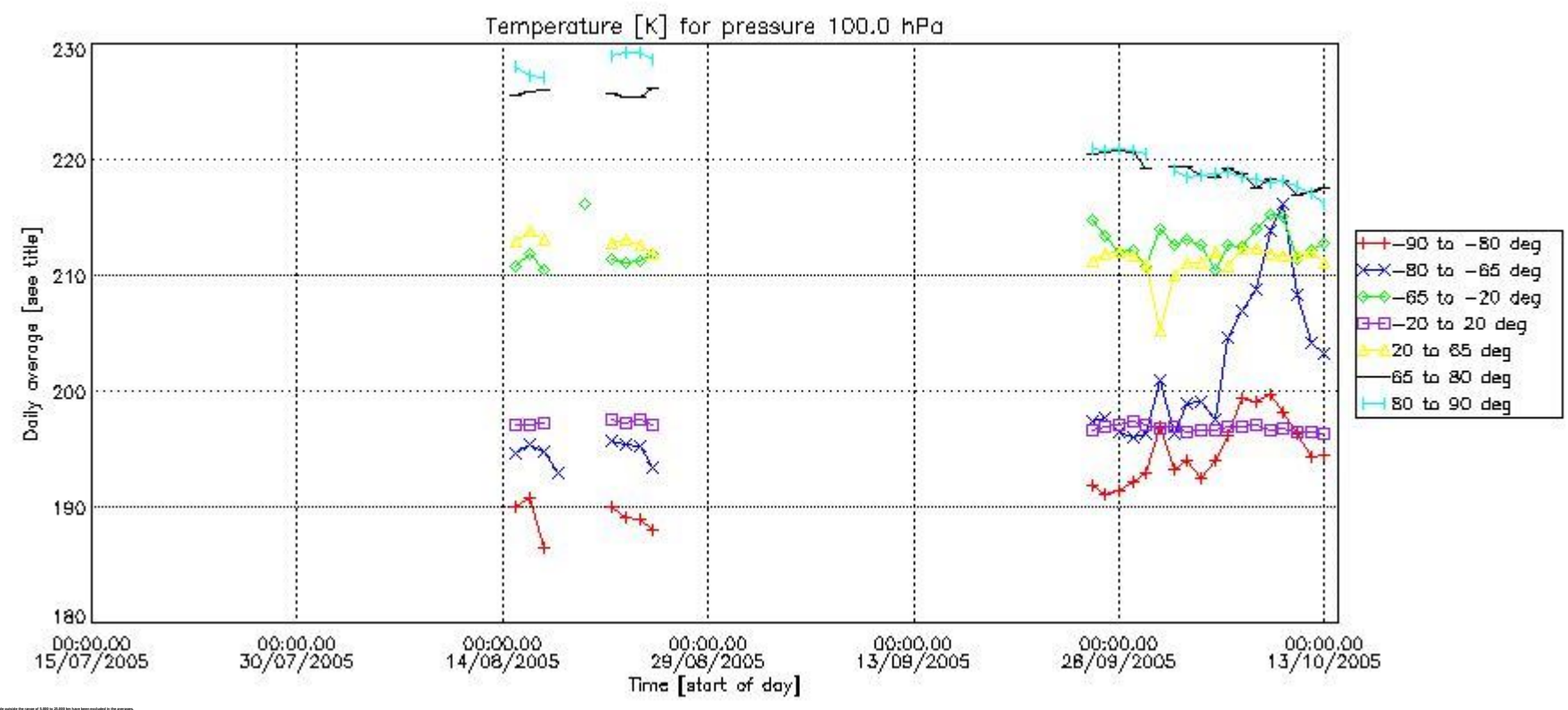
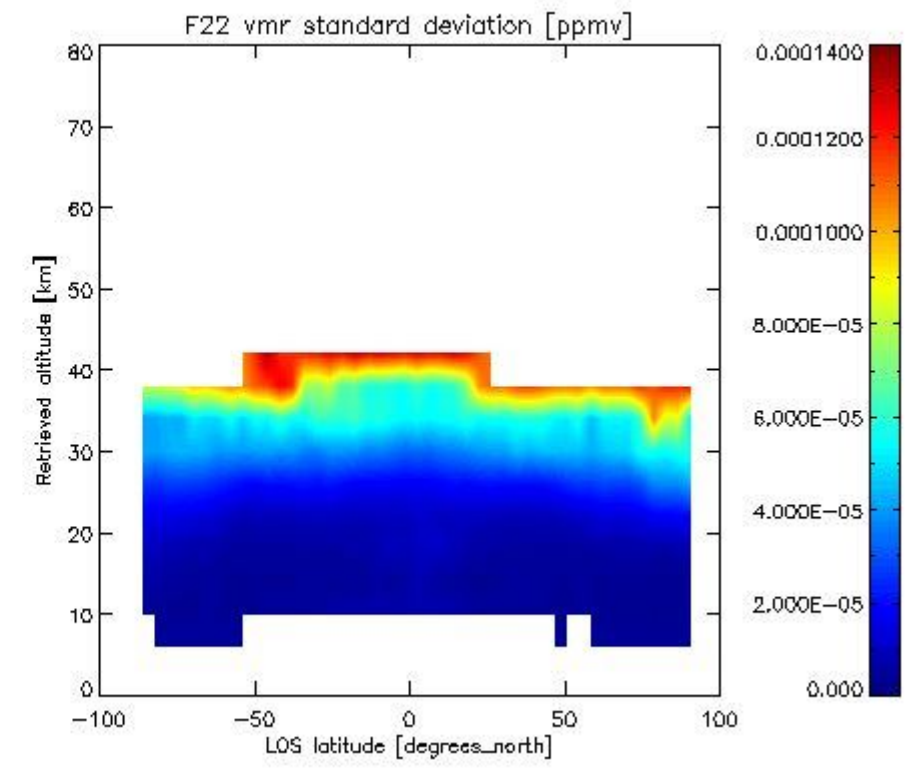
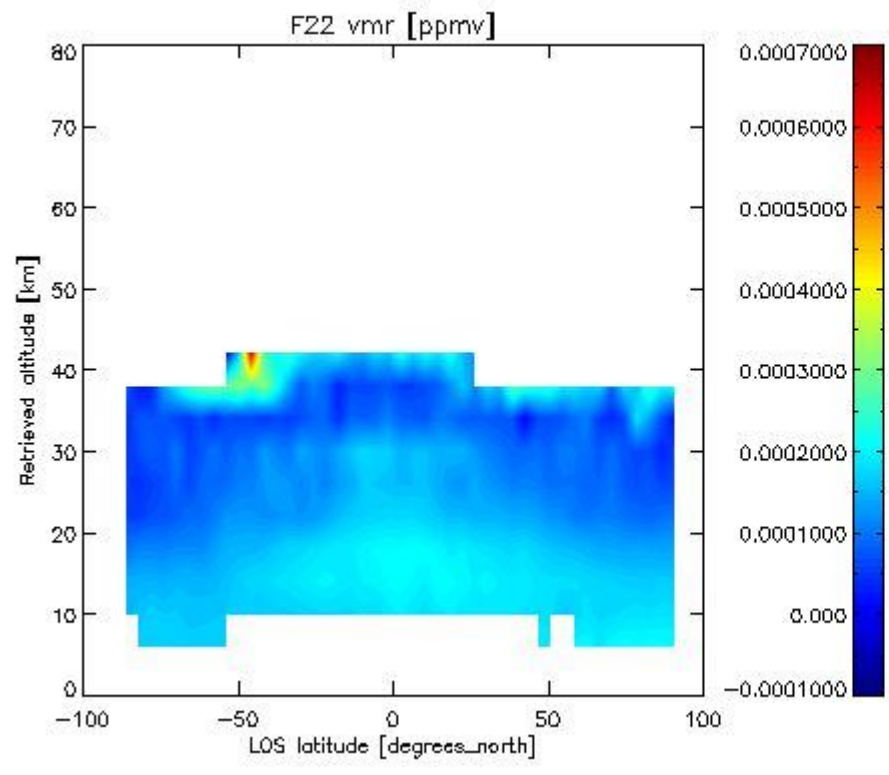
2.3.4.4 CLNO vmr: This section shows values (left) and error (right) for CLNO after binning individual vmr values over retrieved altitude and target latitude.

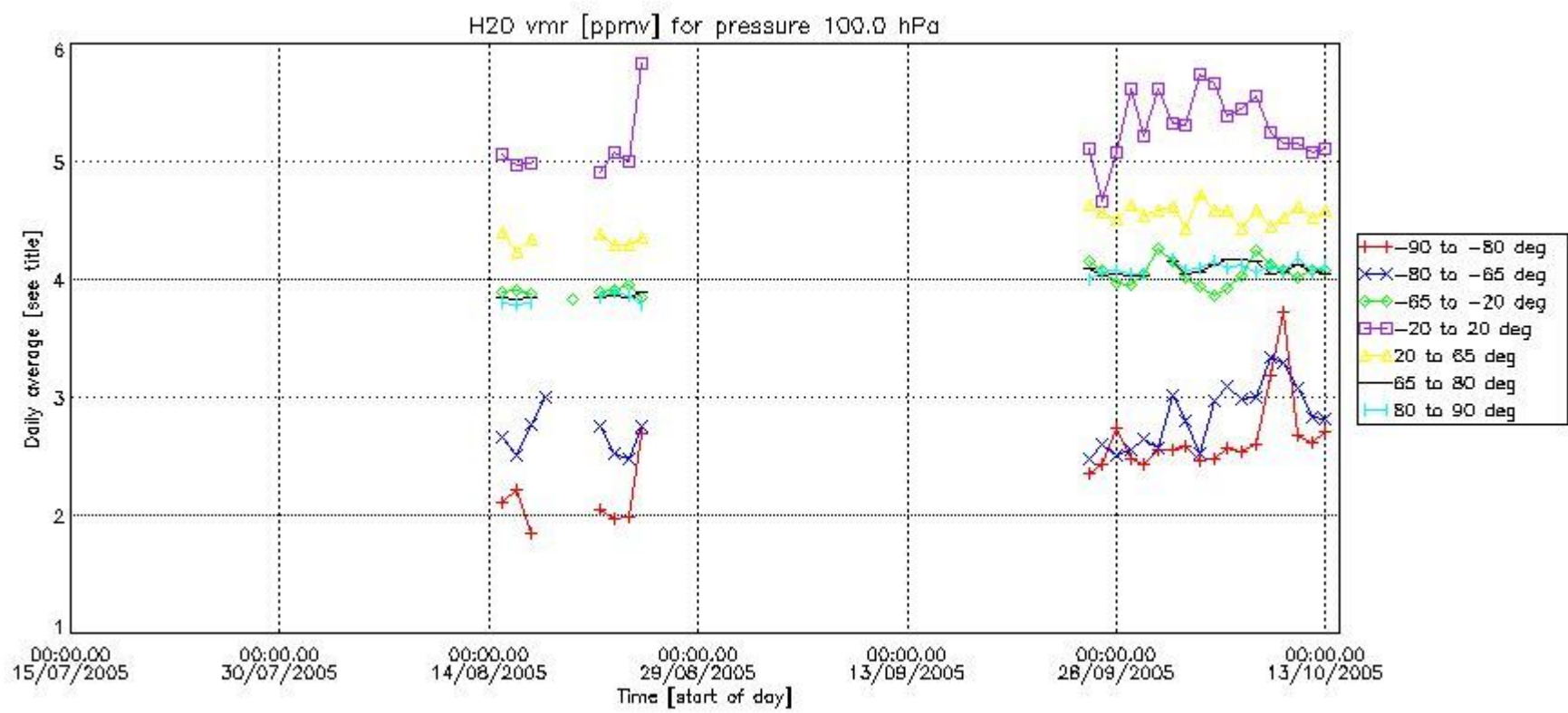
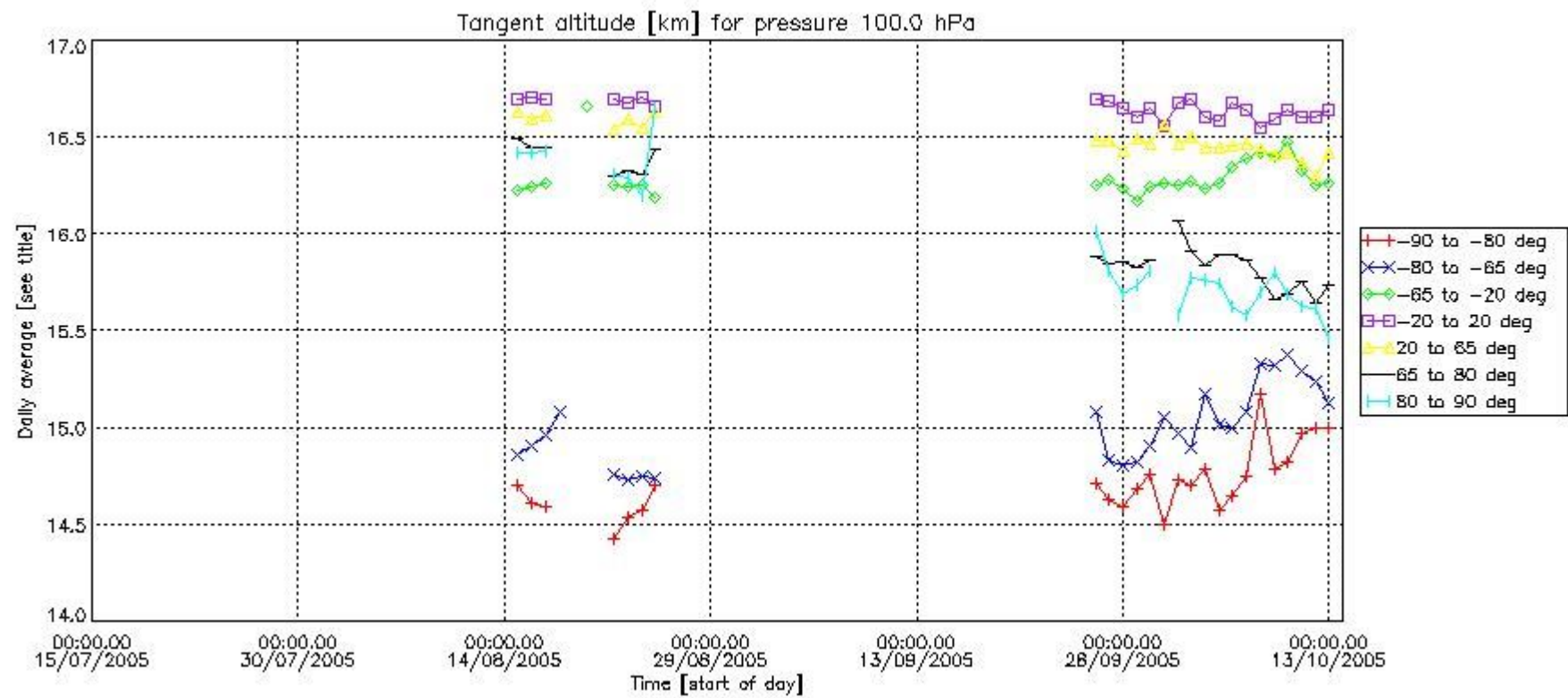


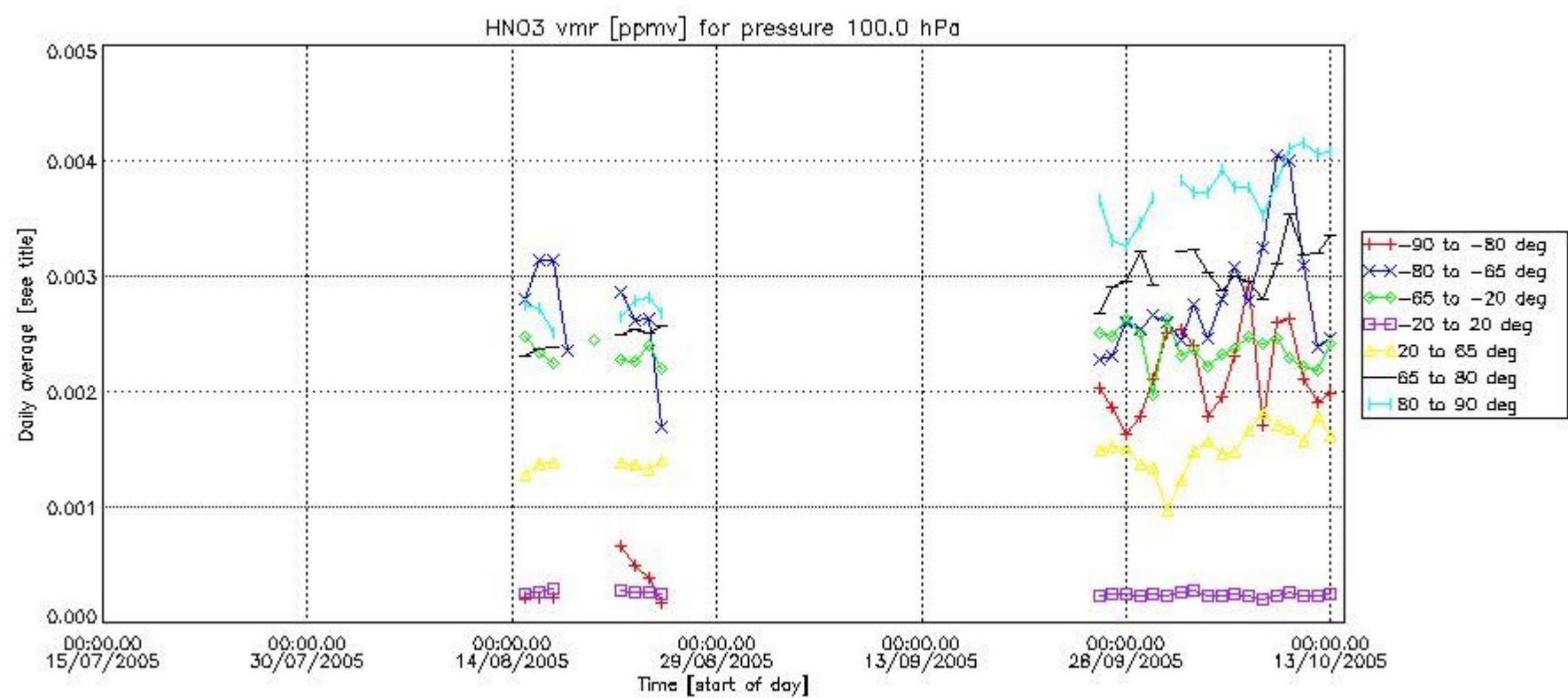
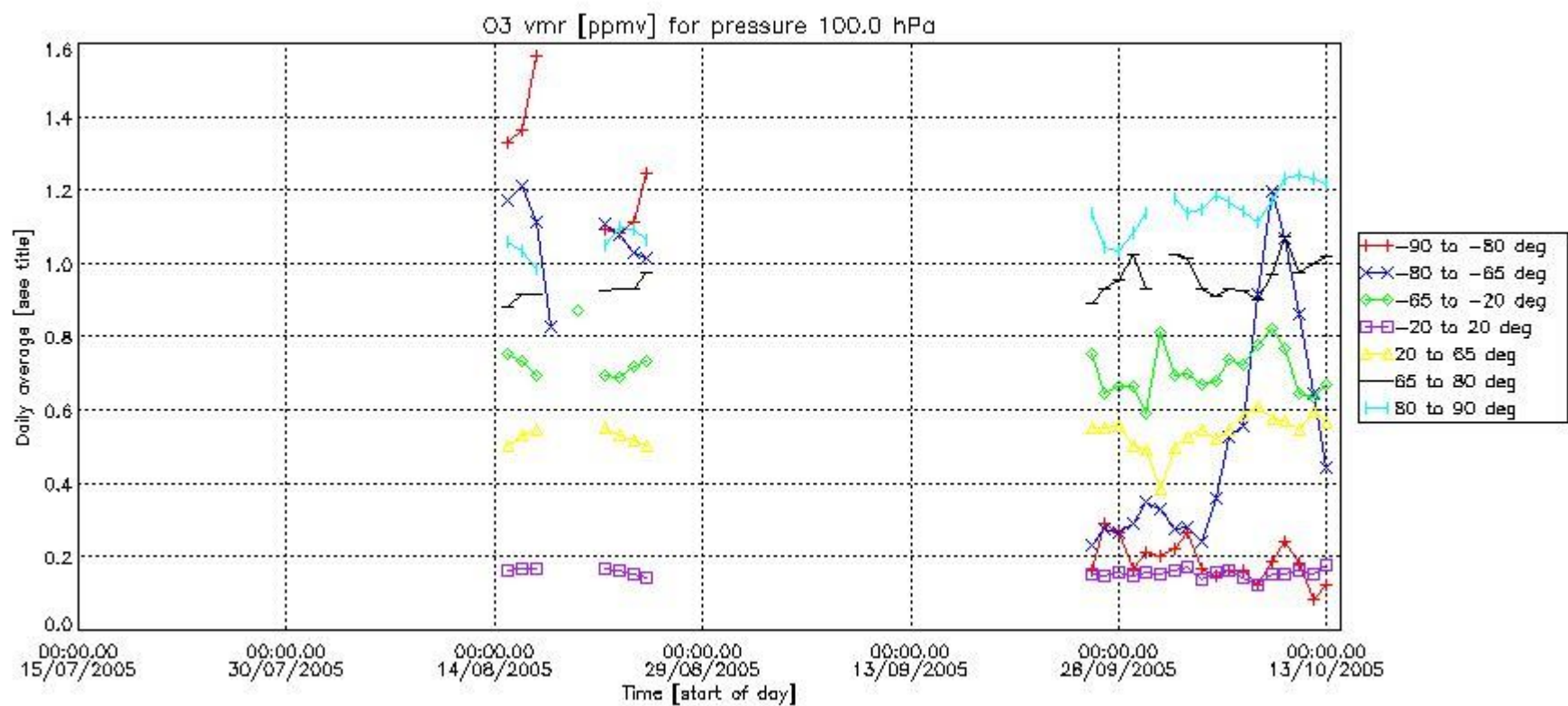


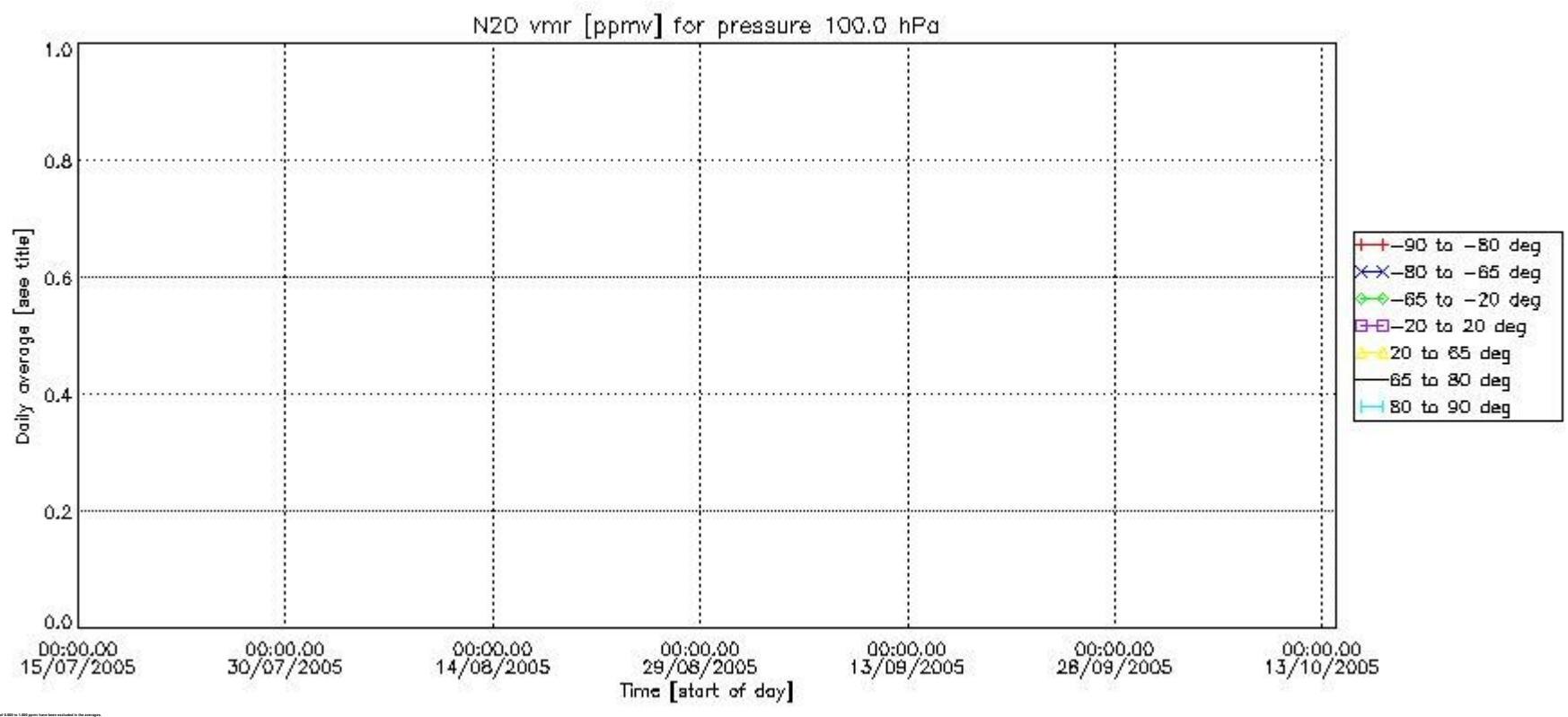
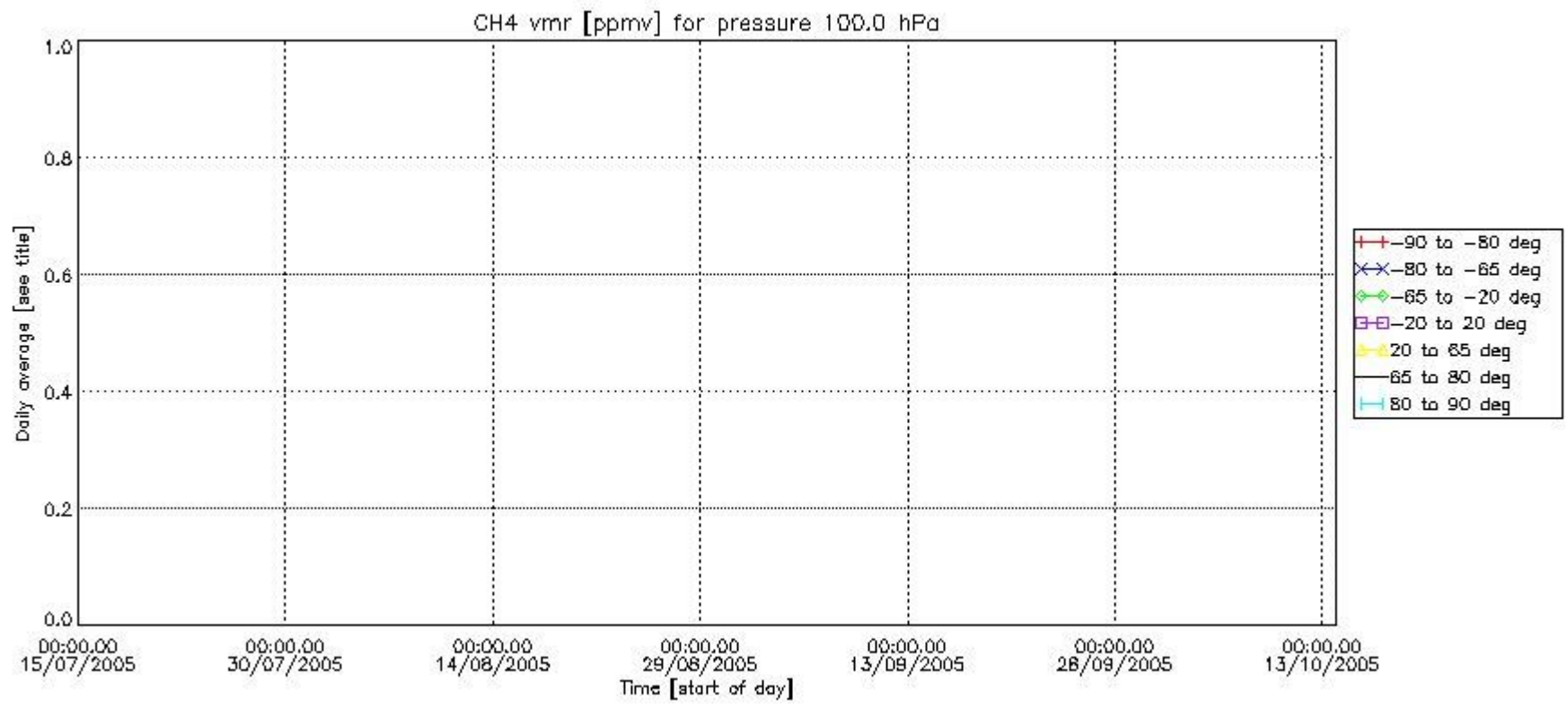


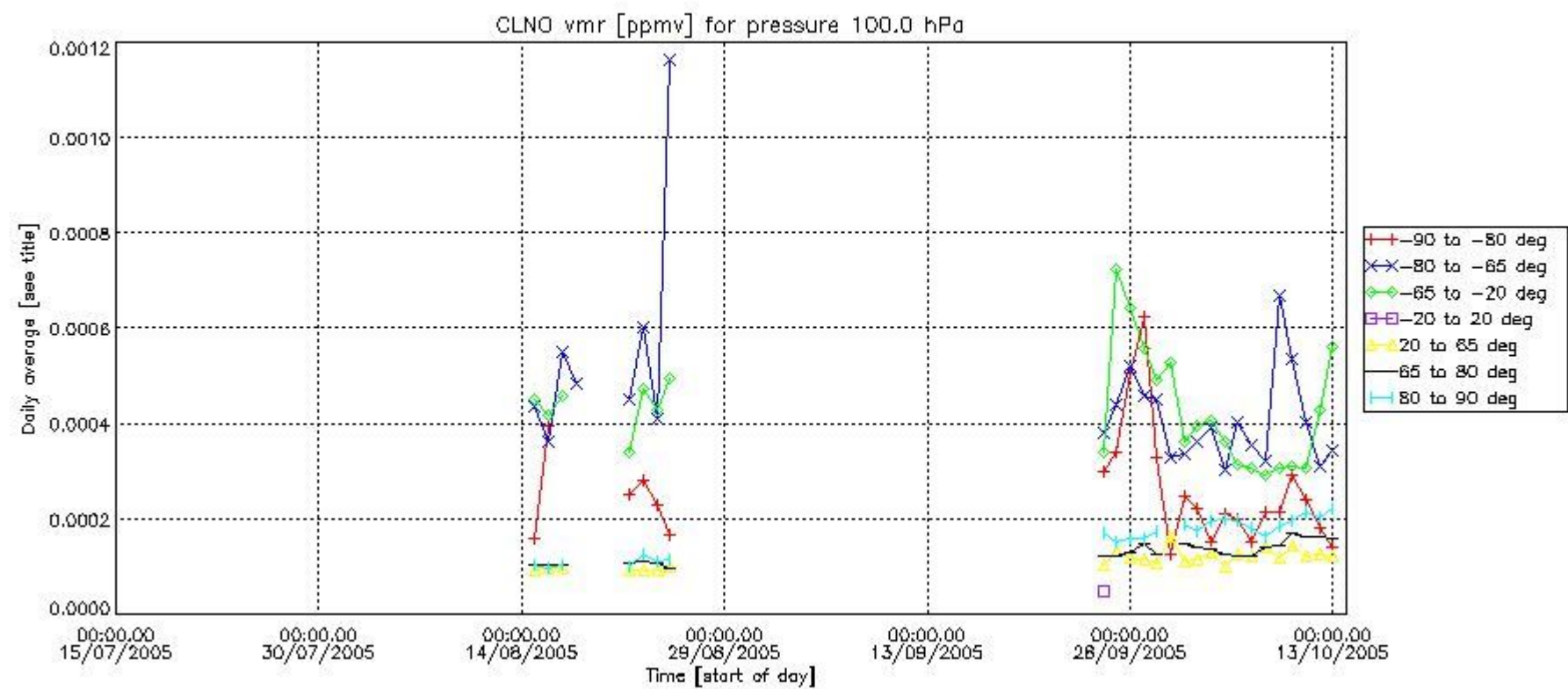
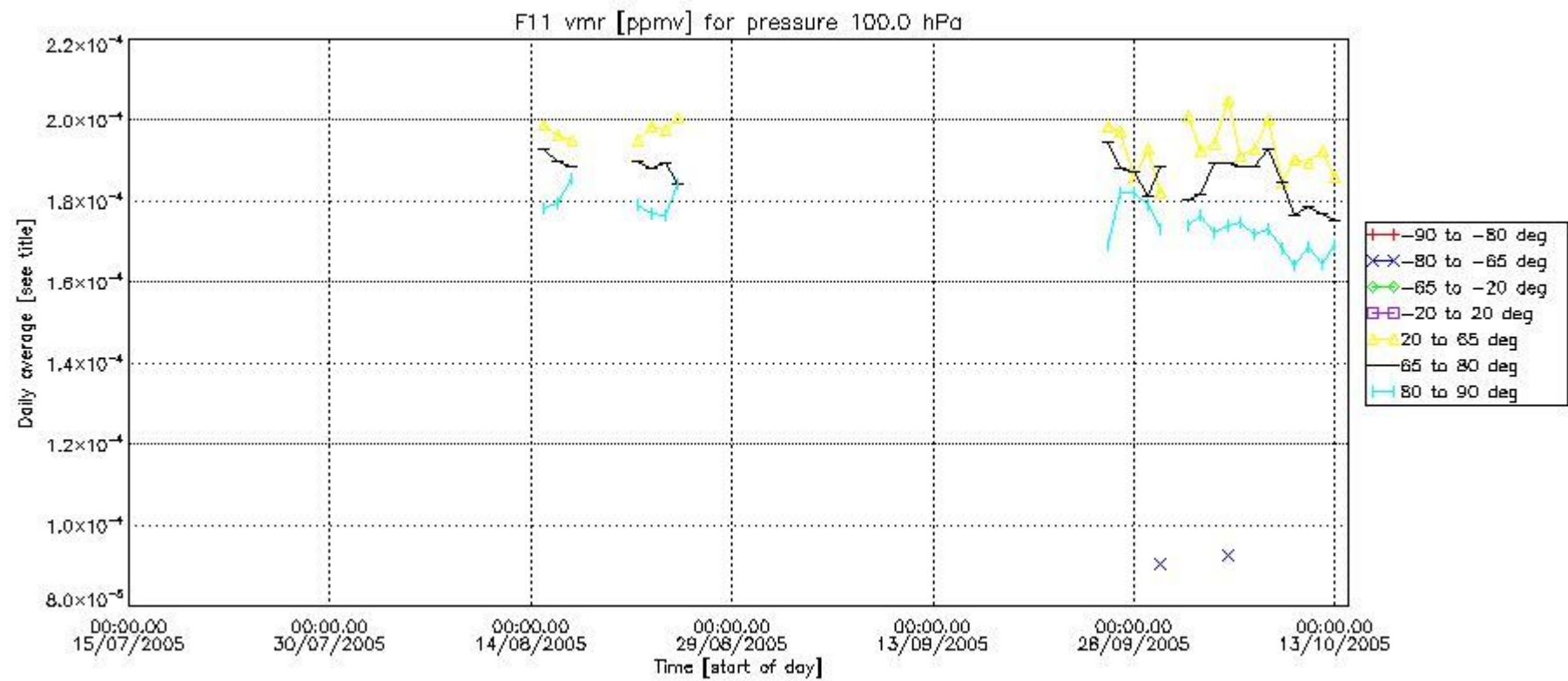


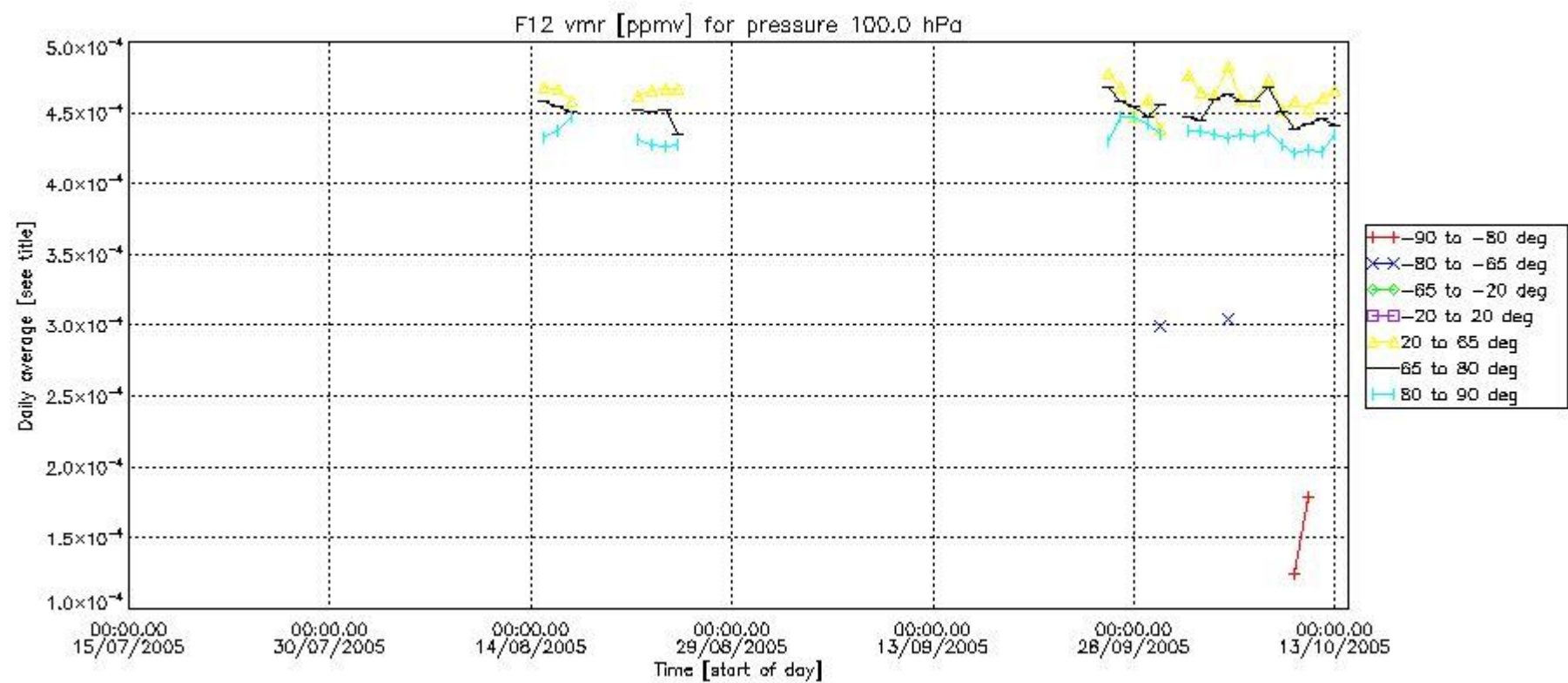
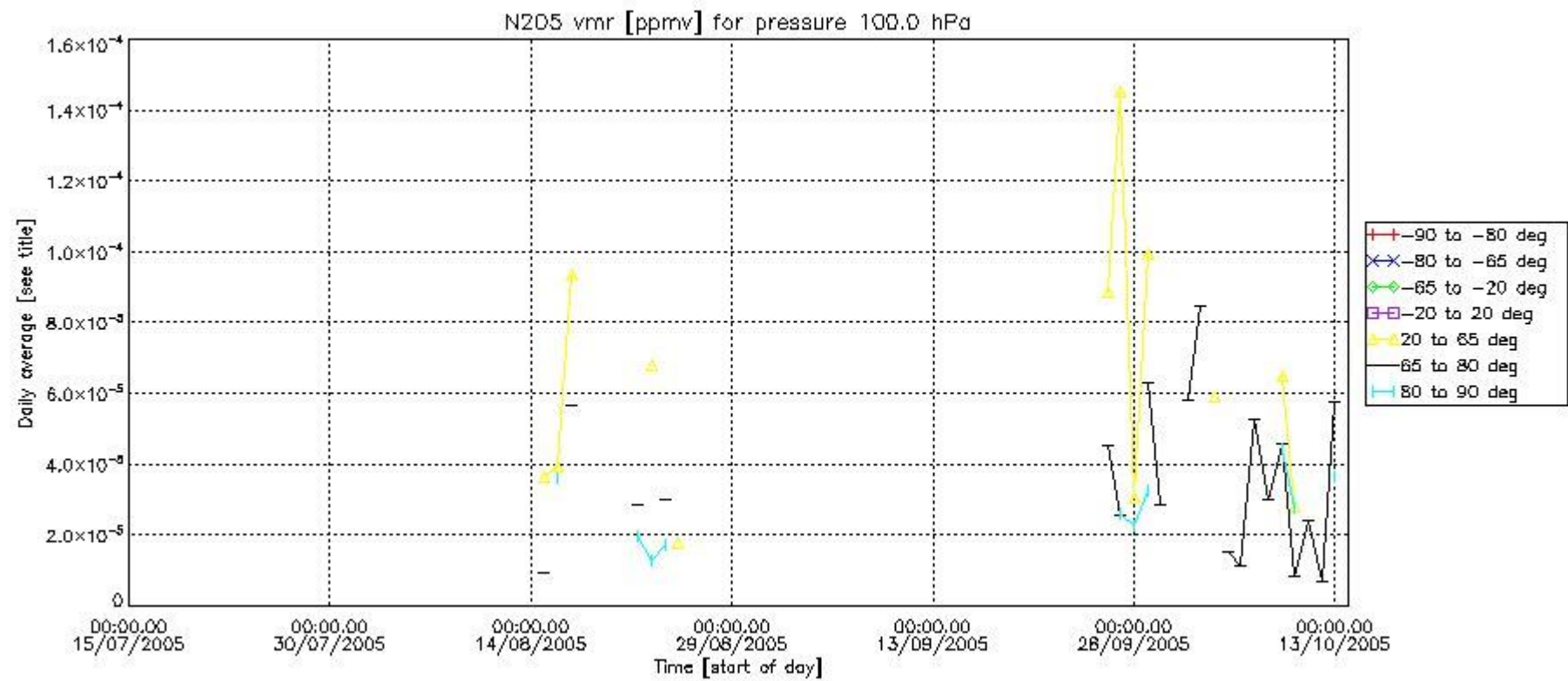


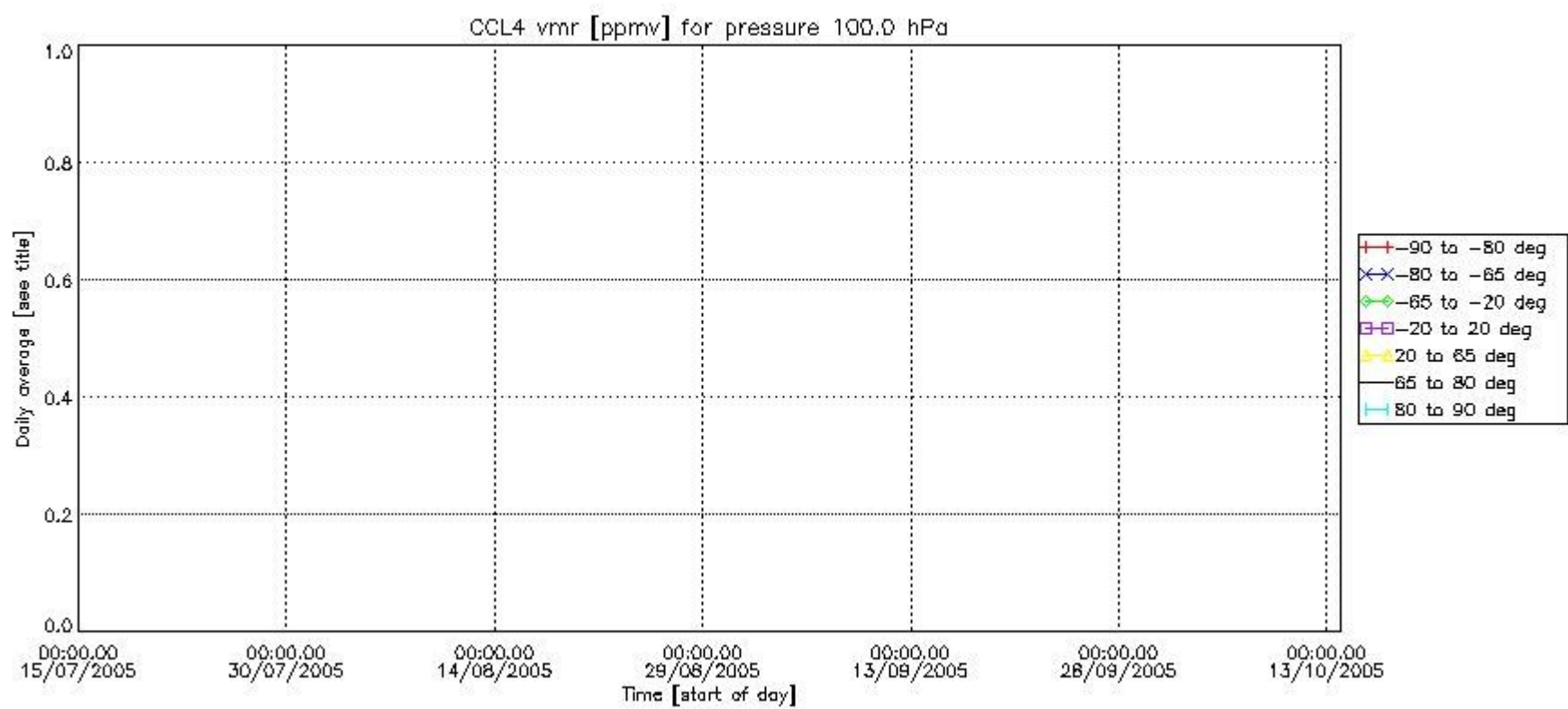
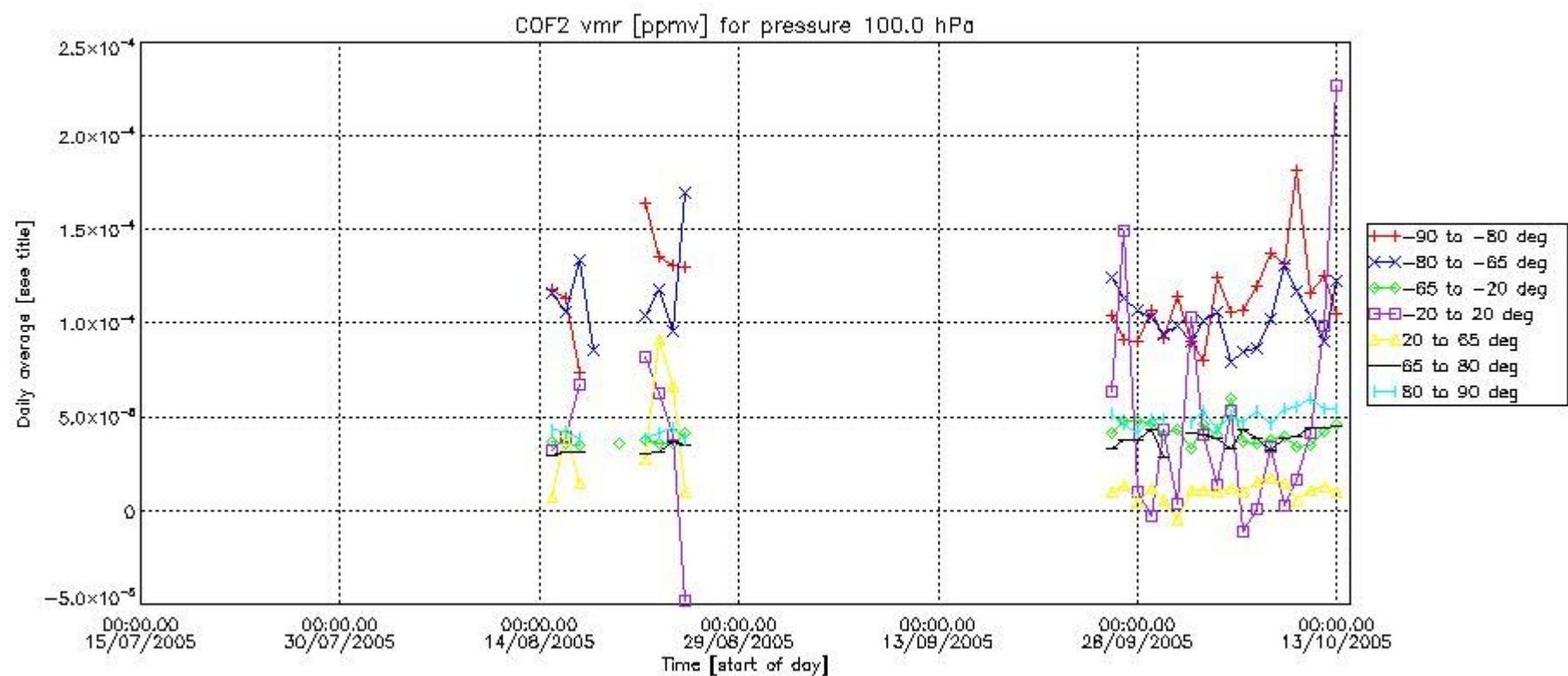


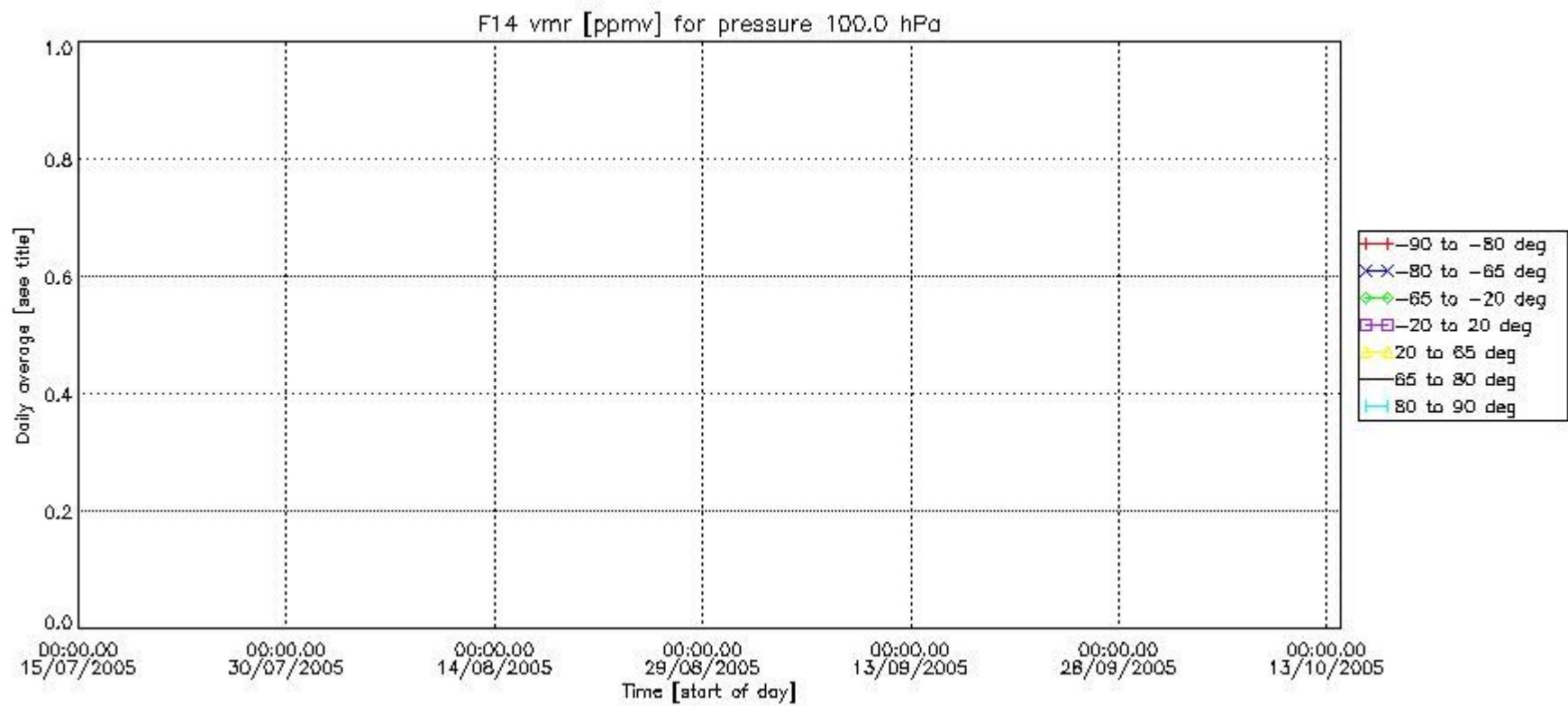
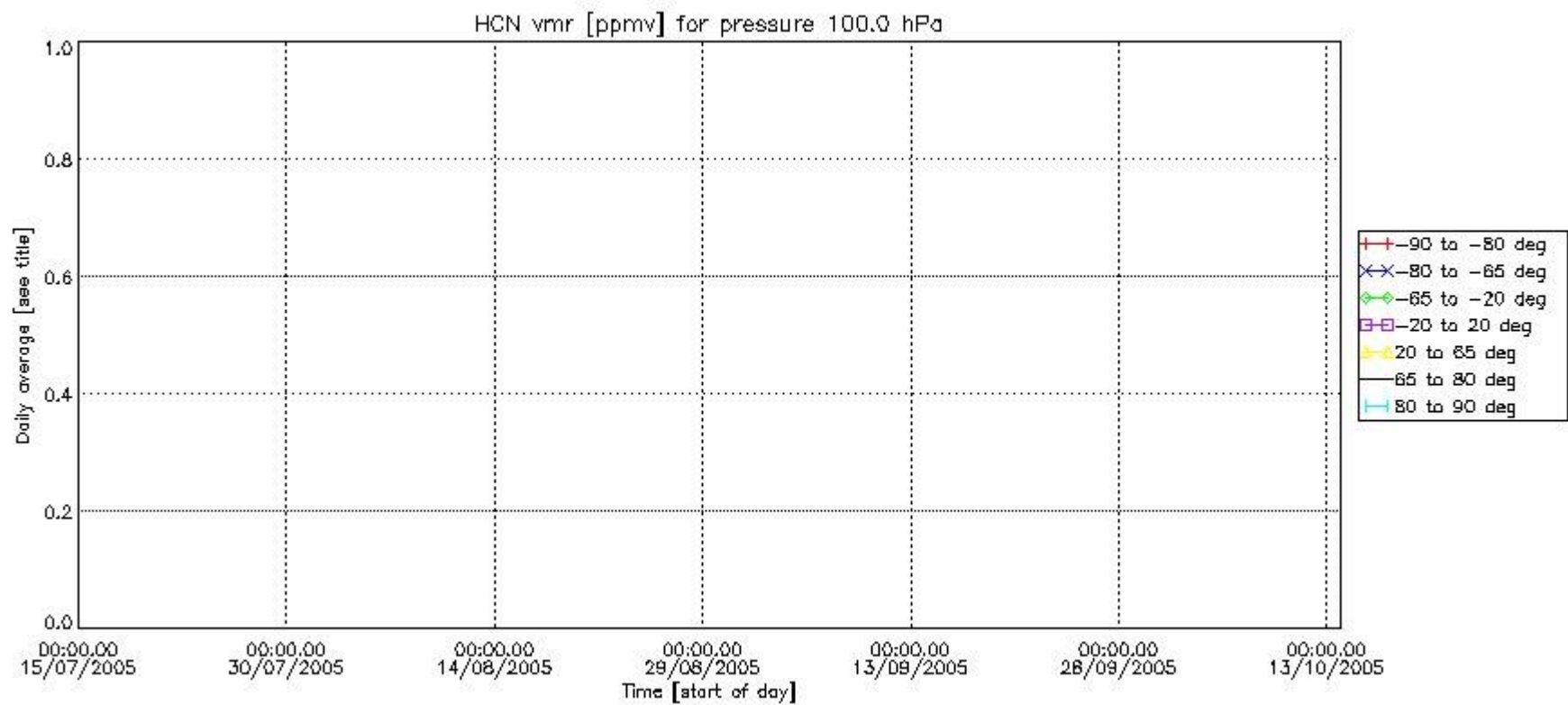


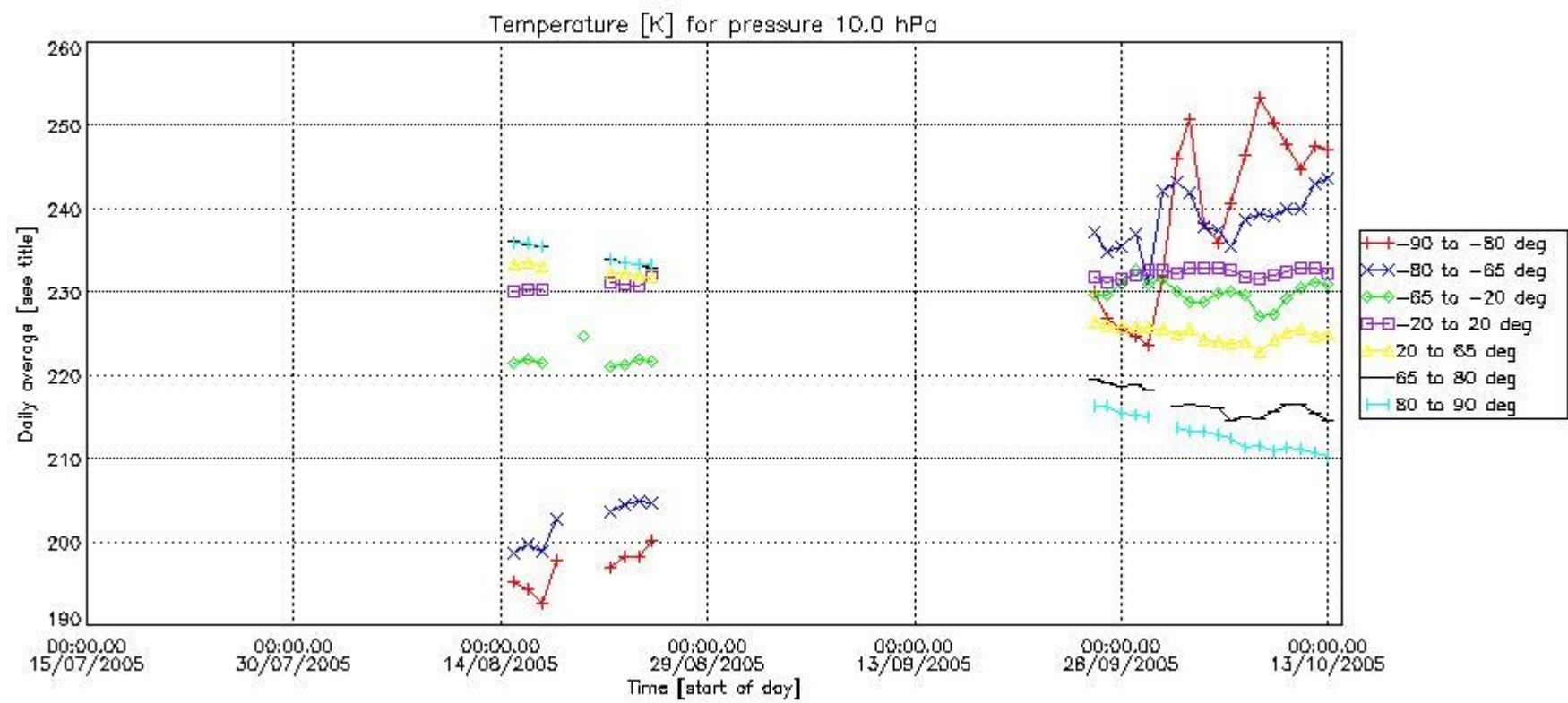
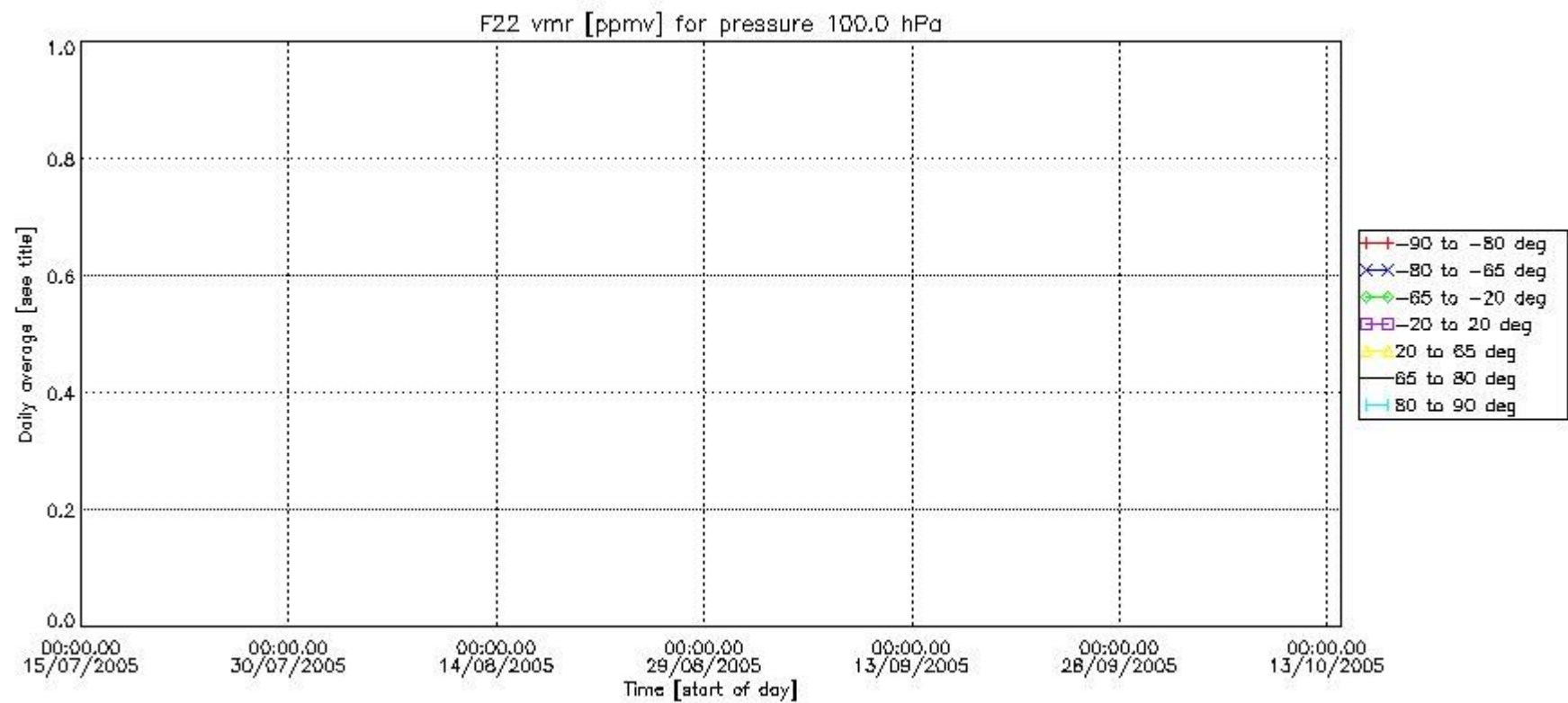


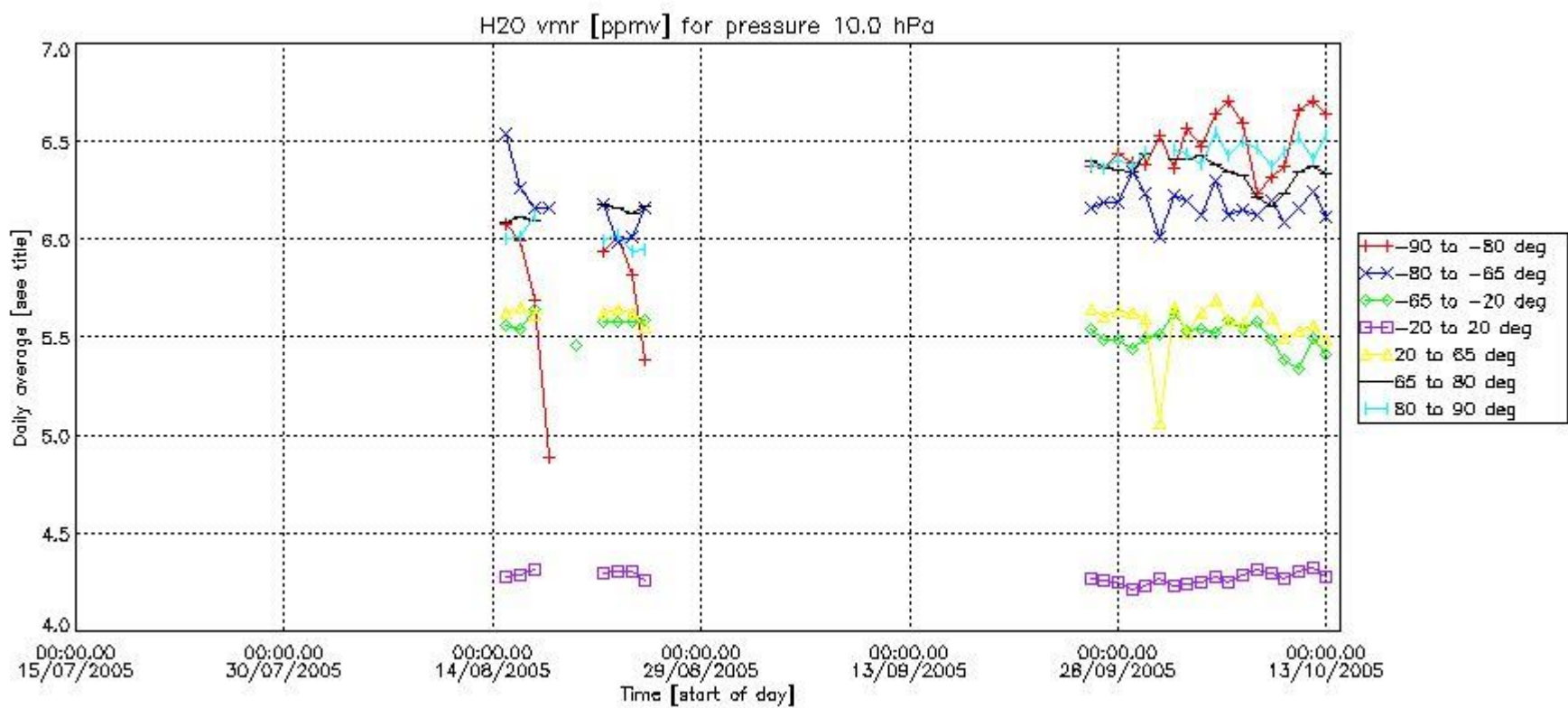
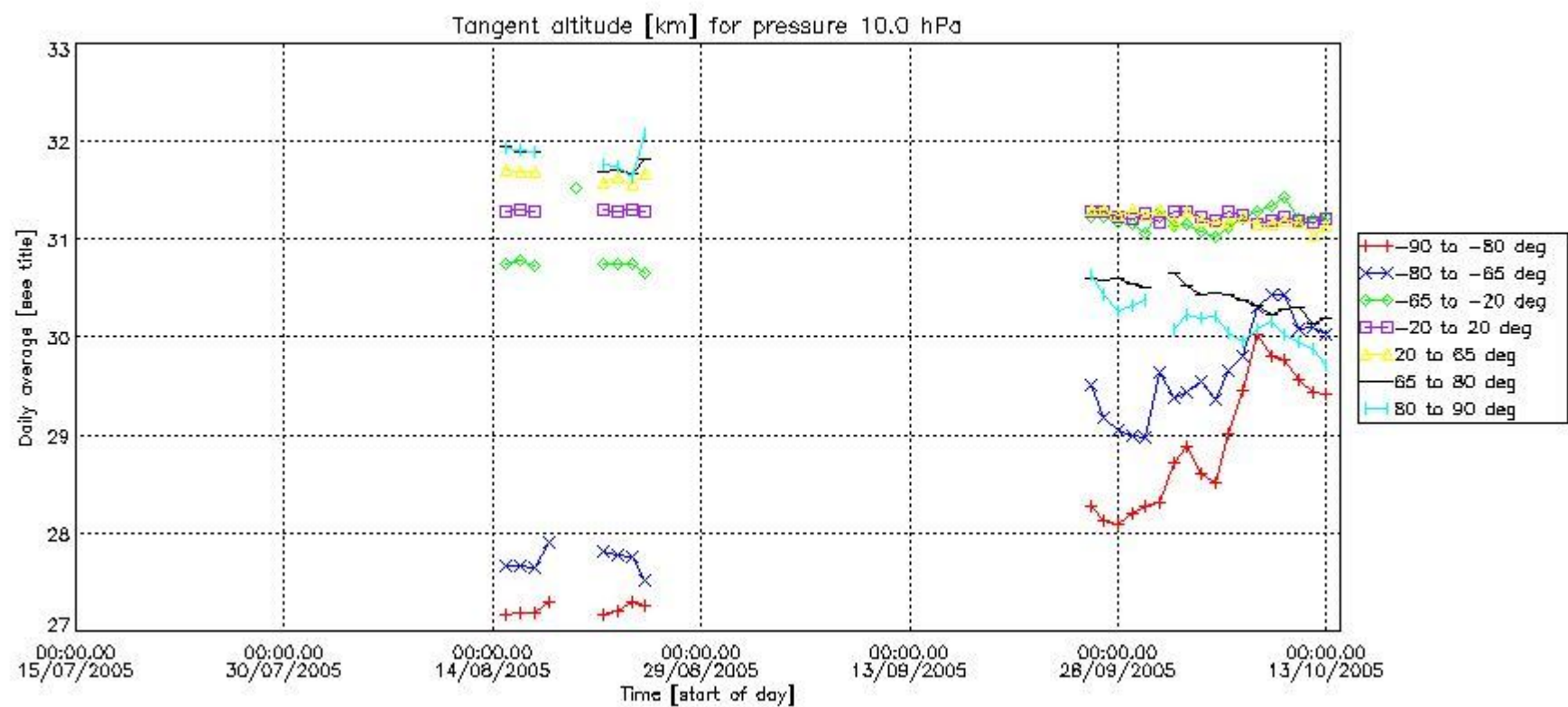


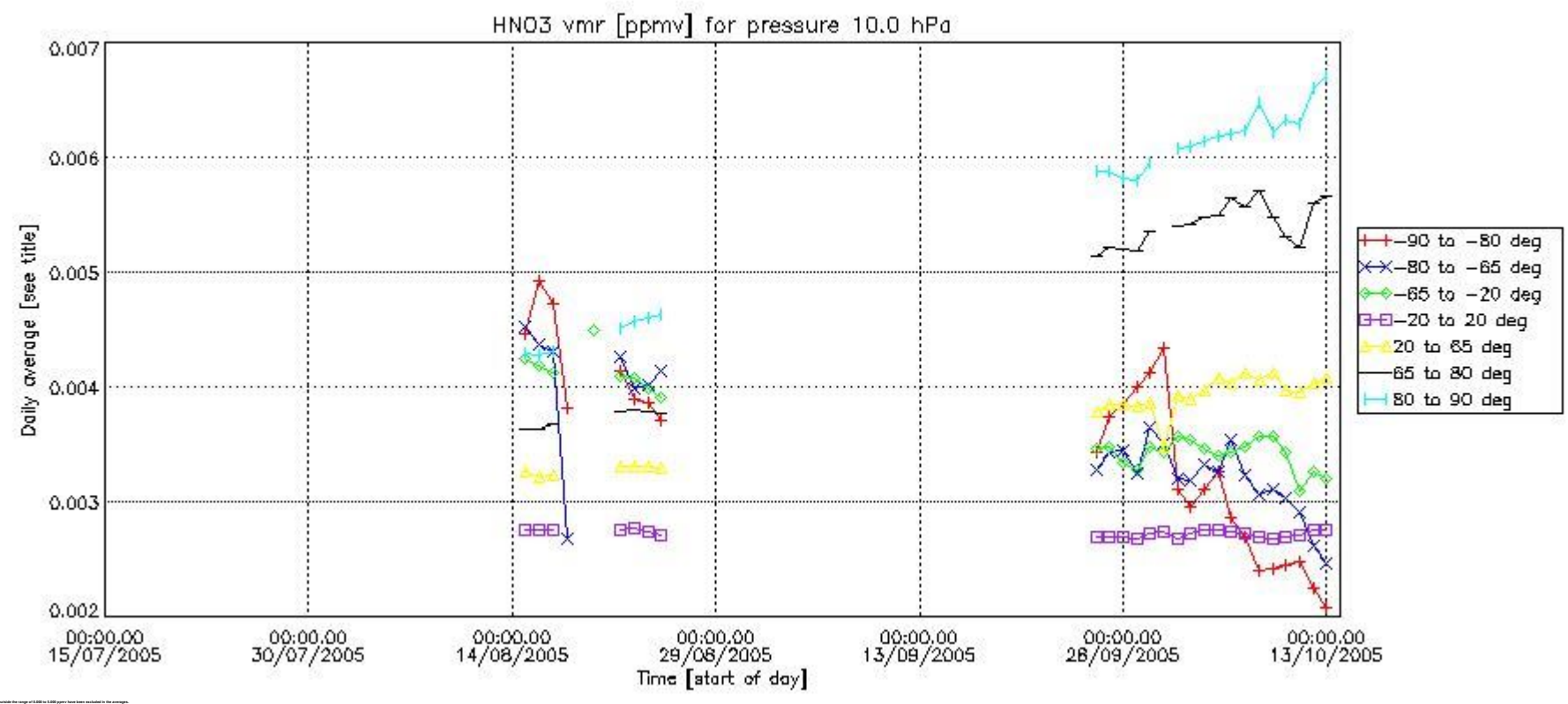
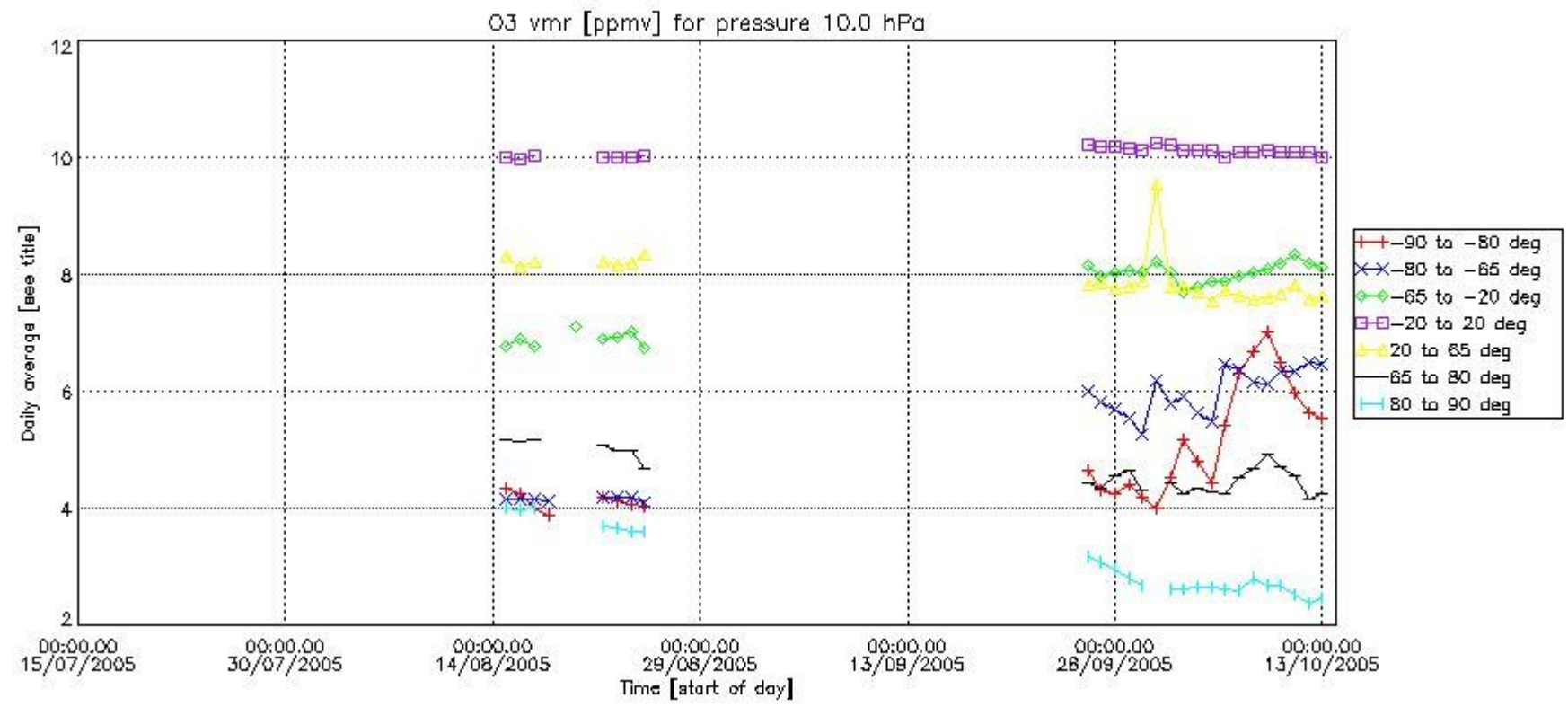


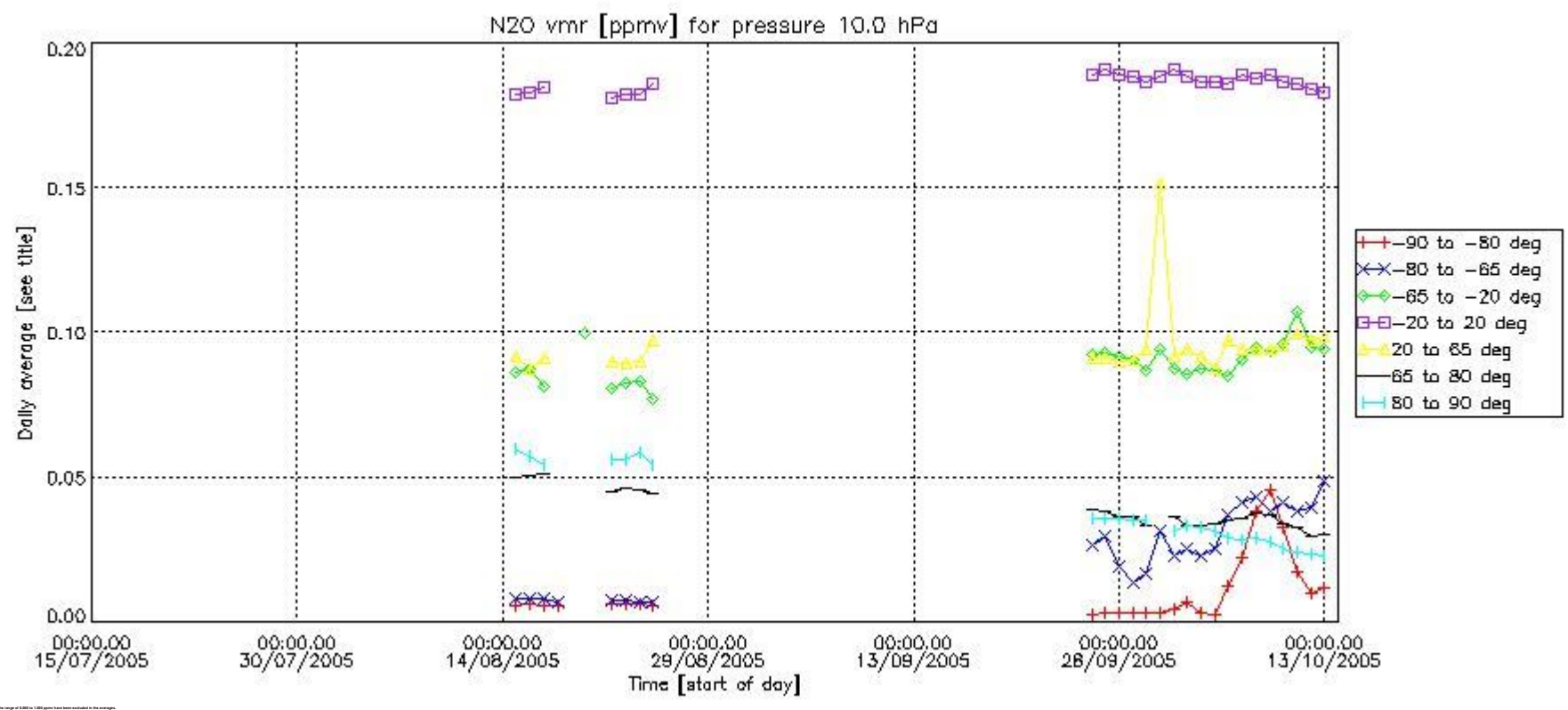
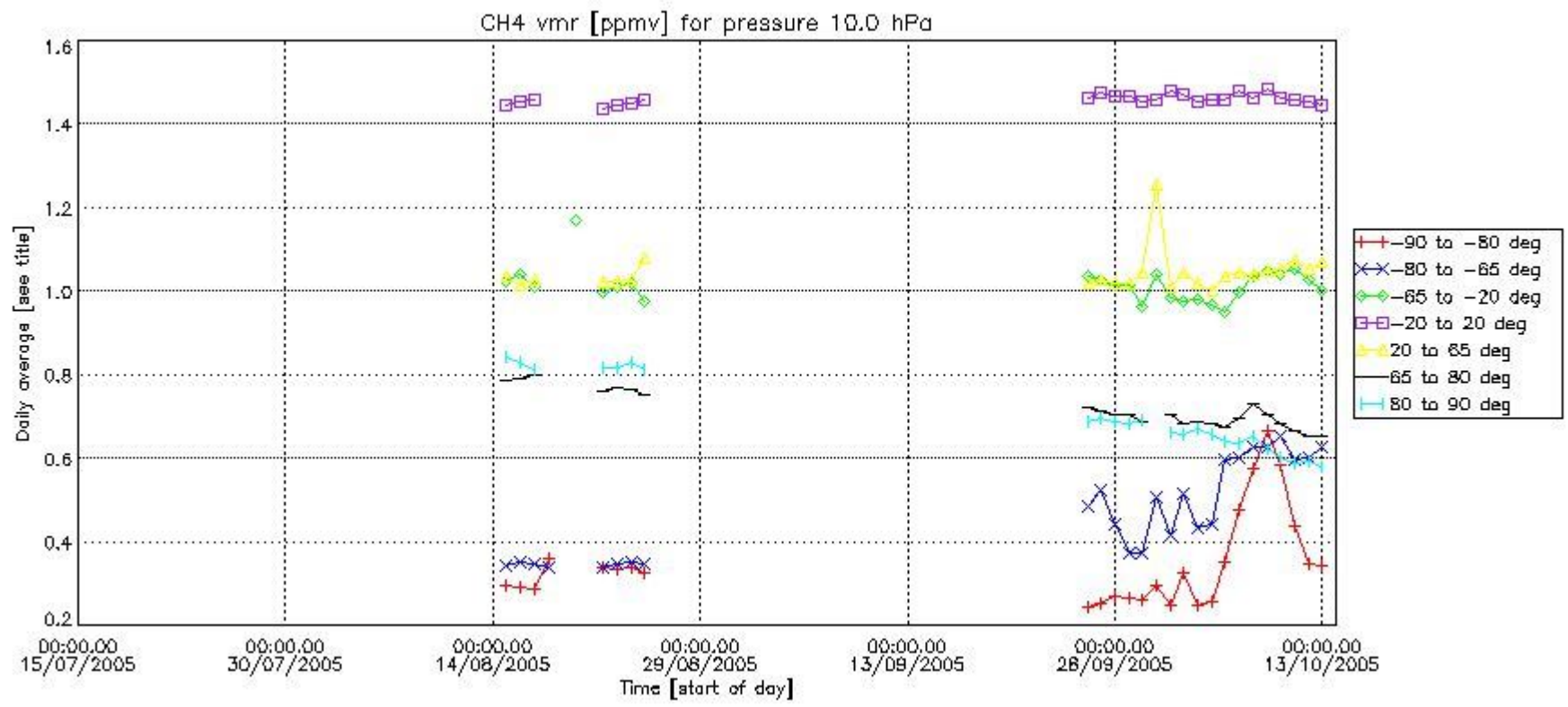


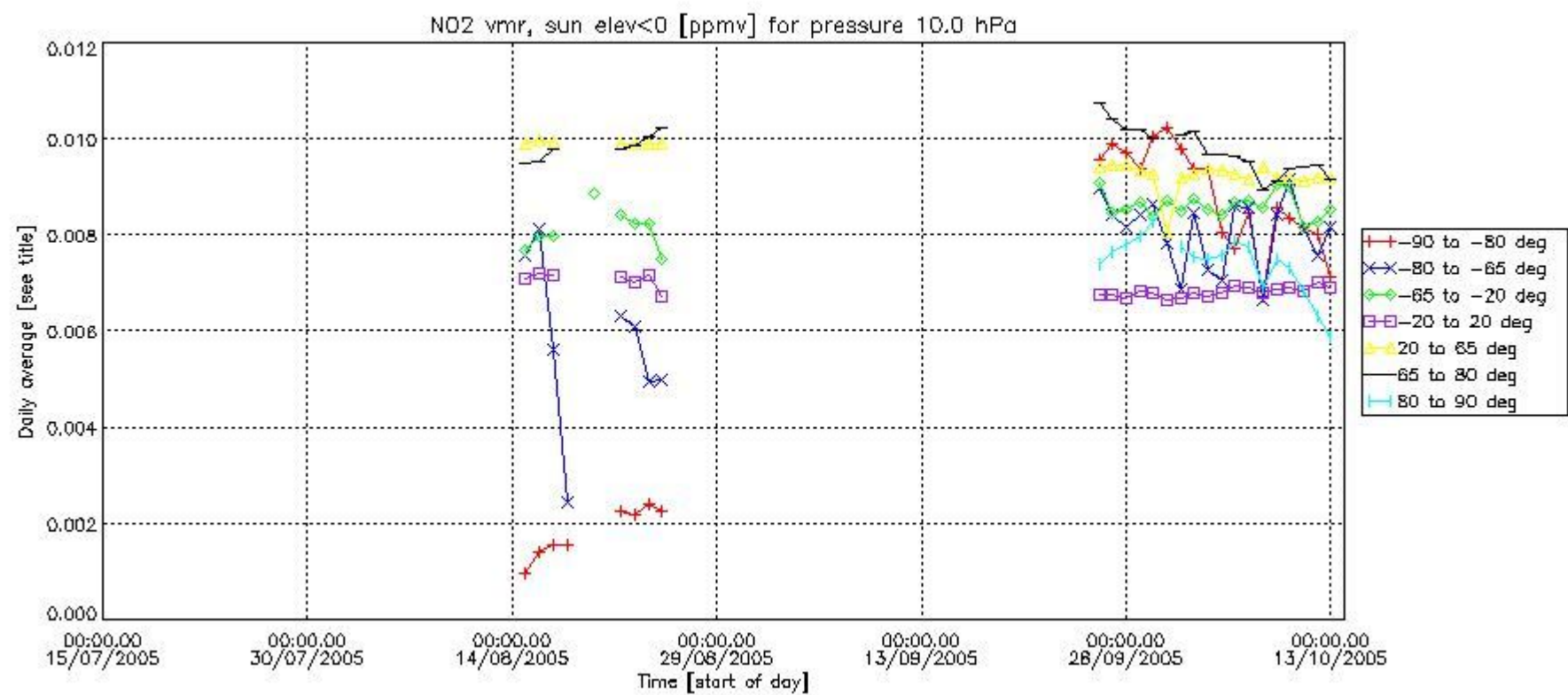
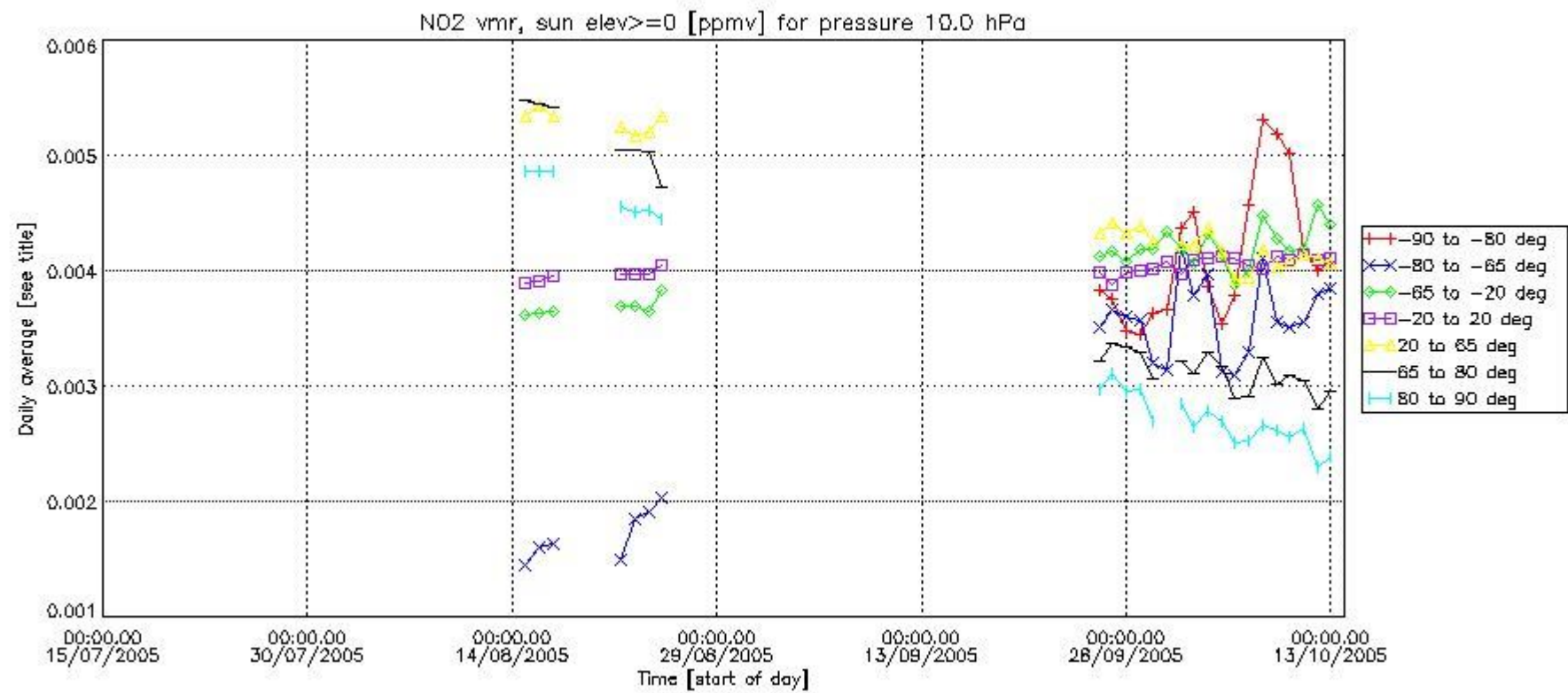


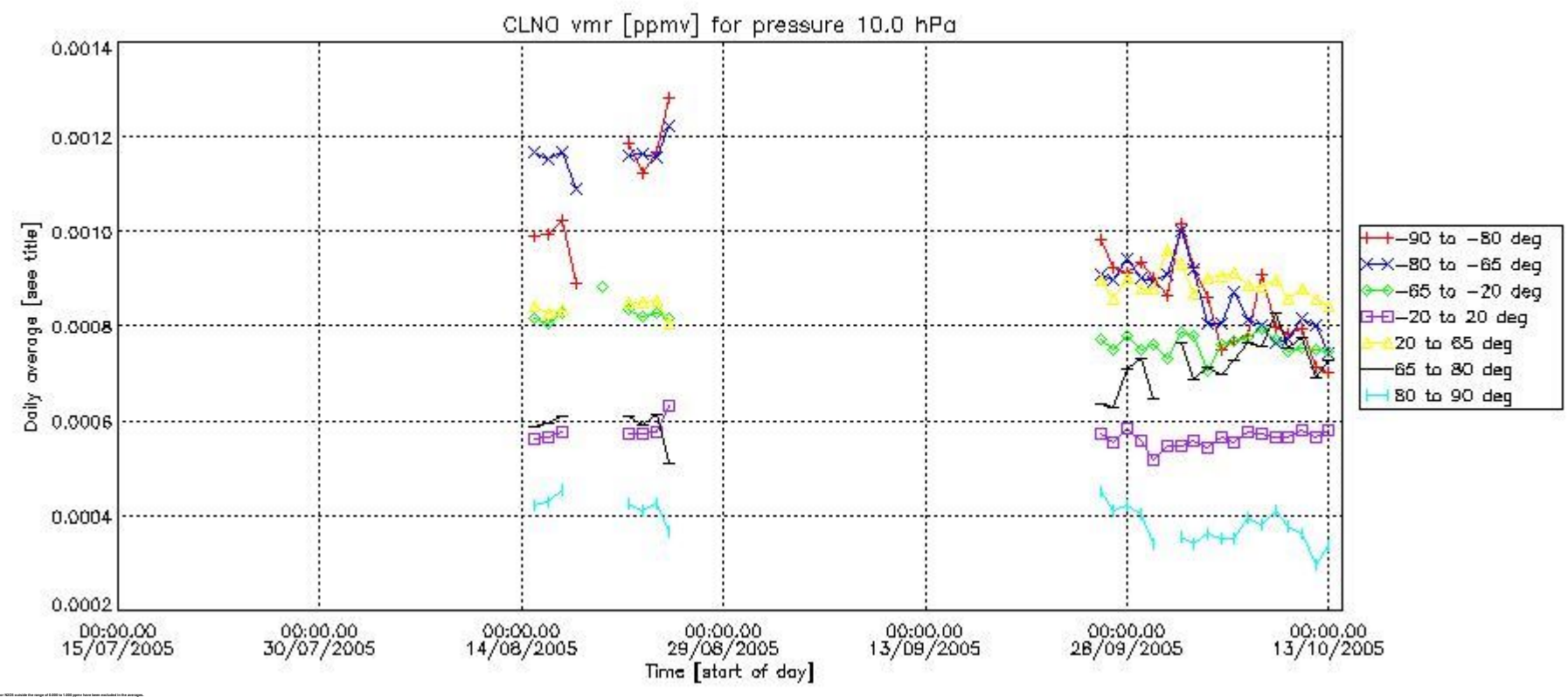
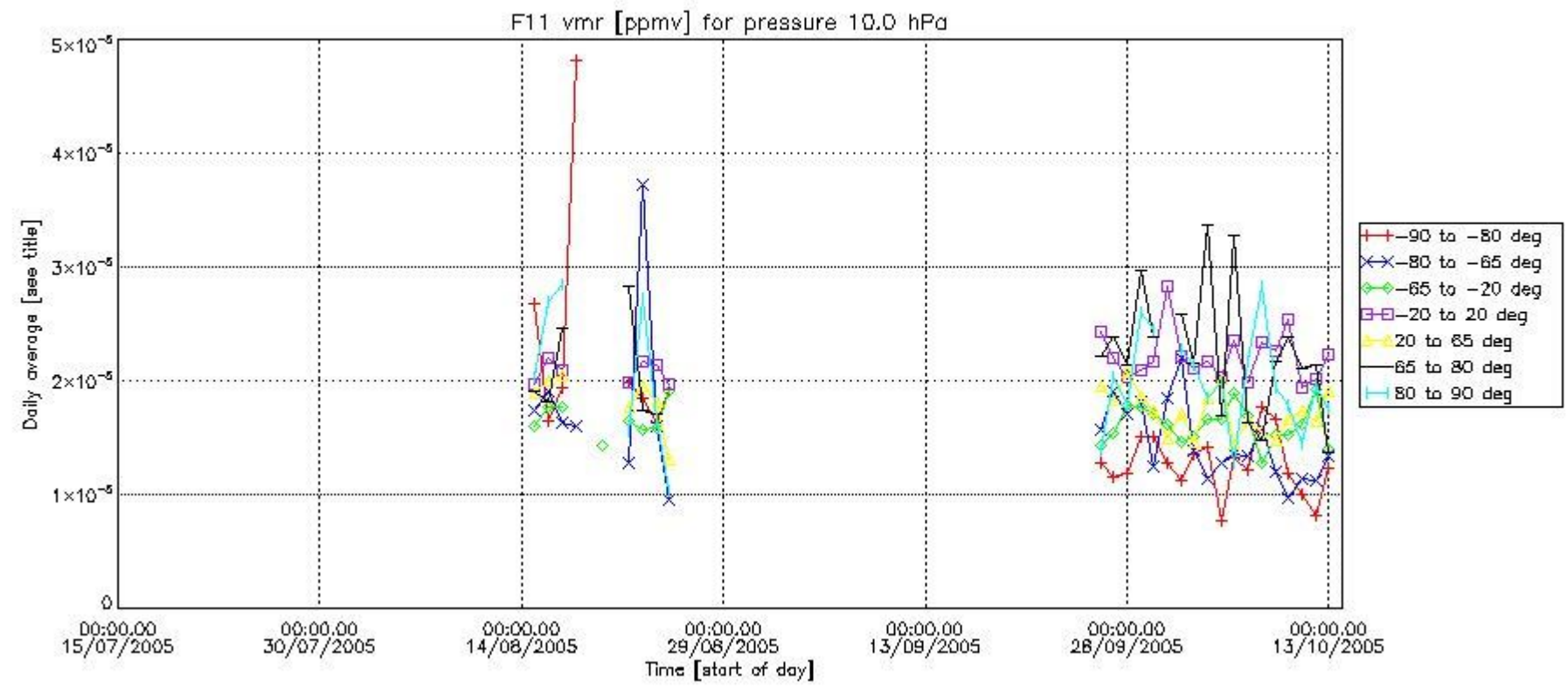


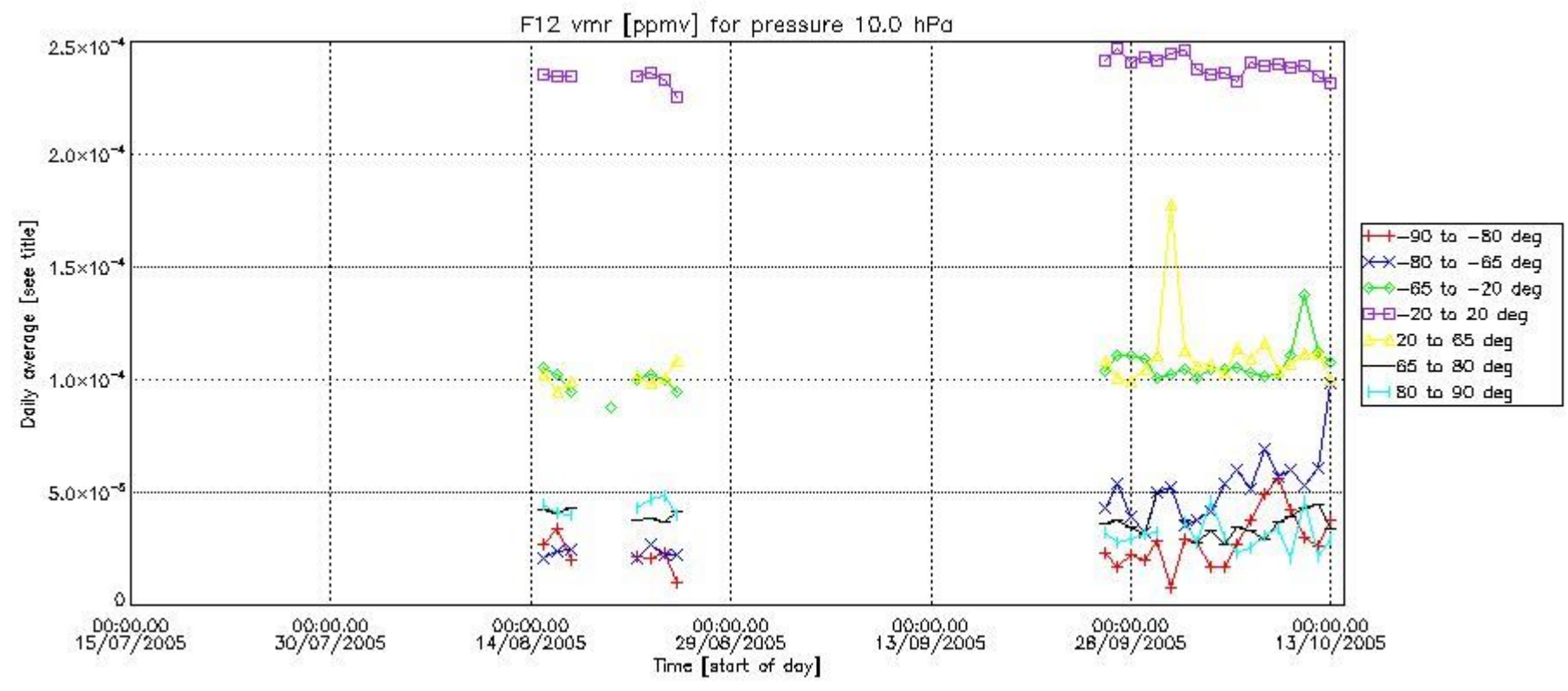
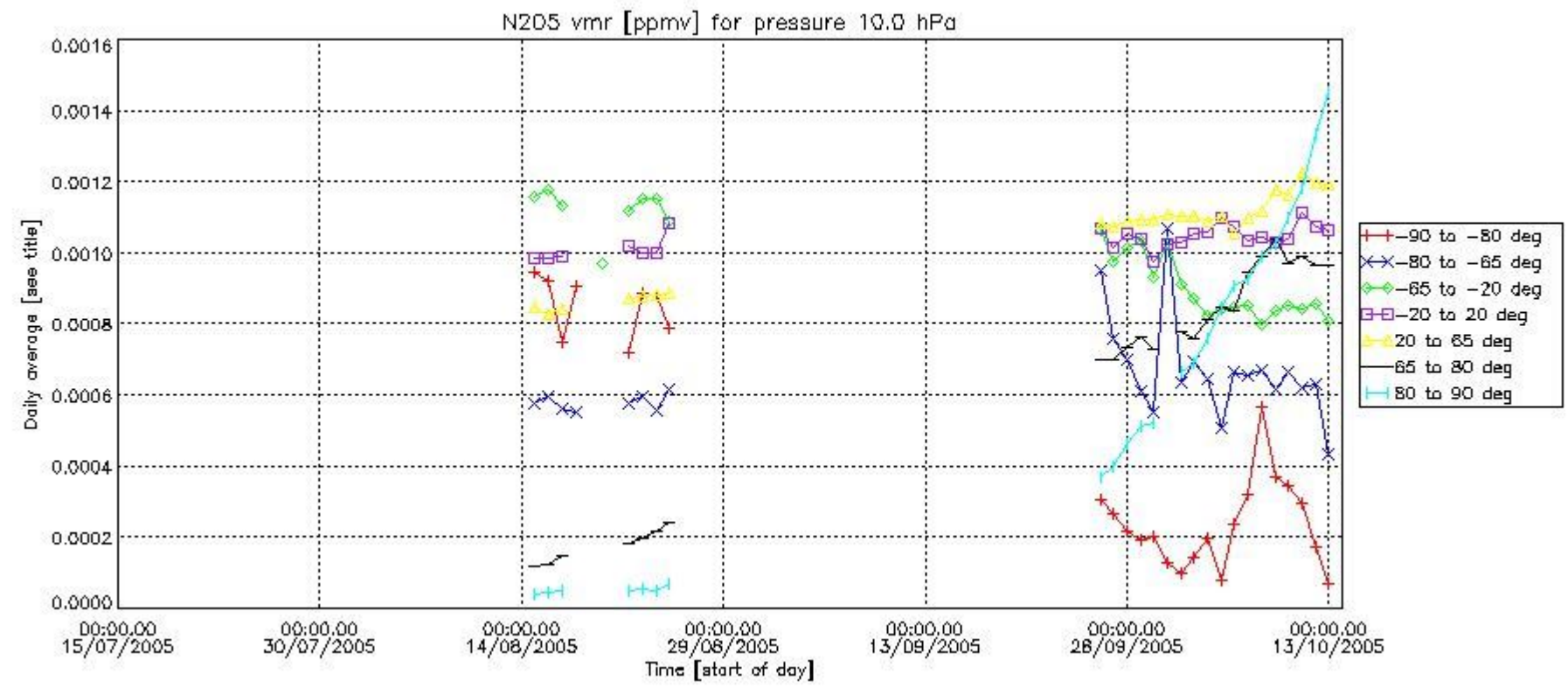


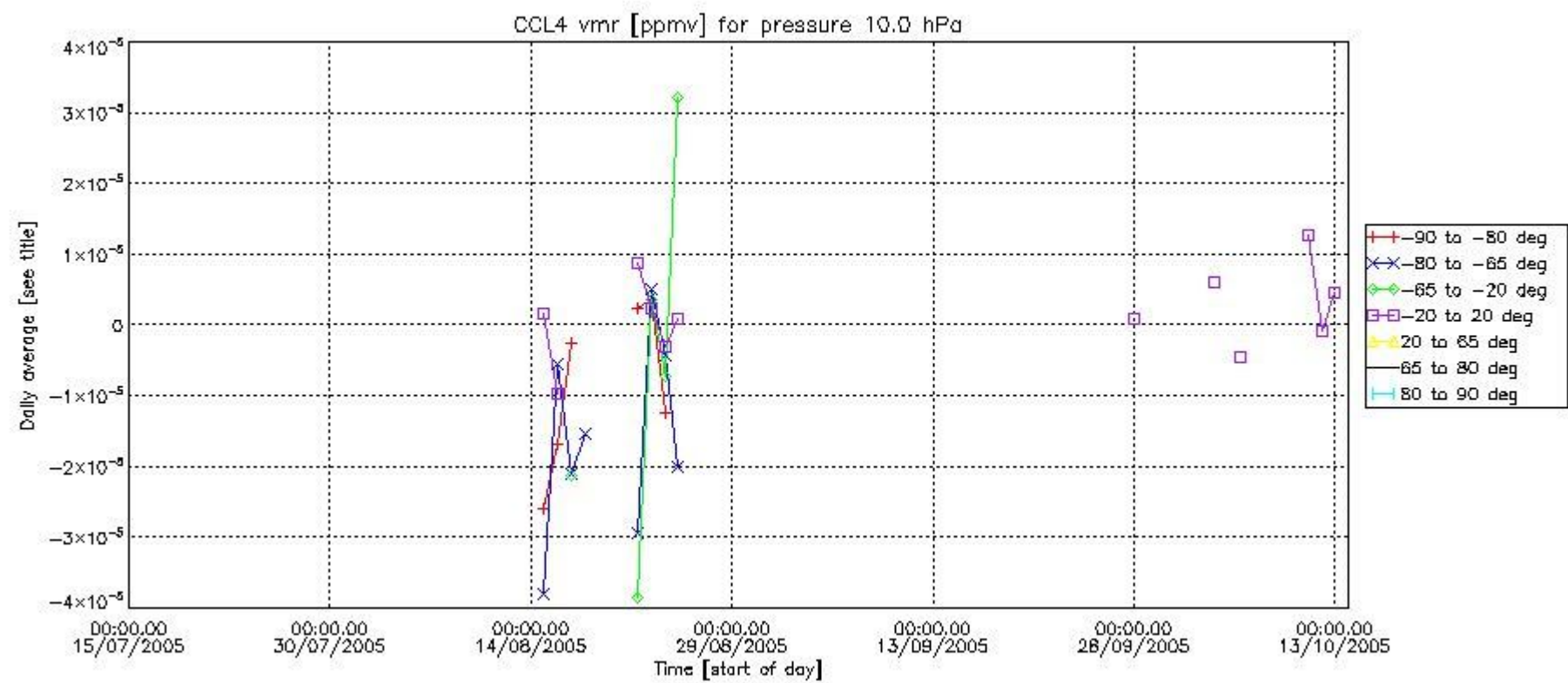
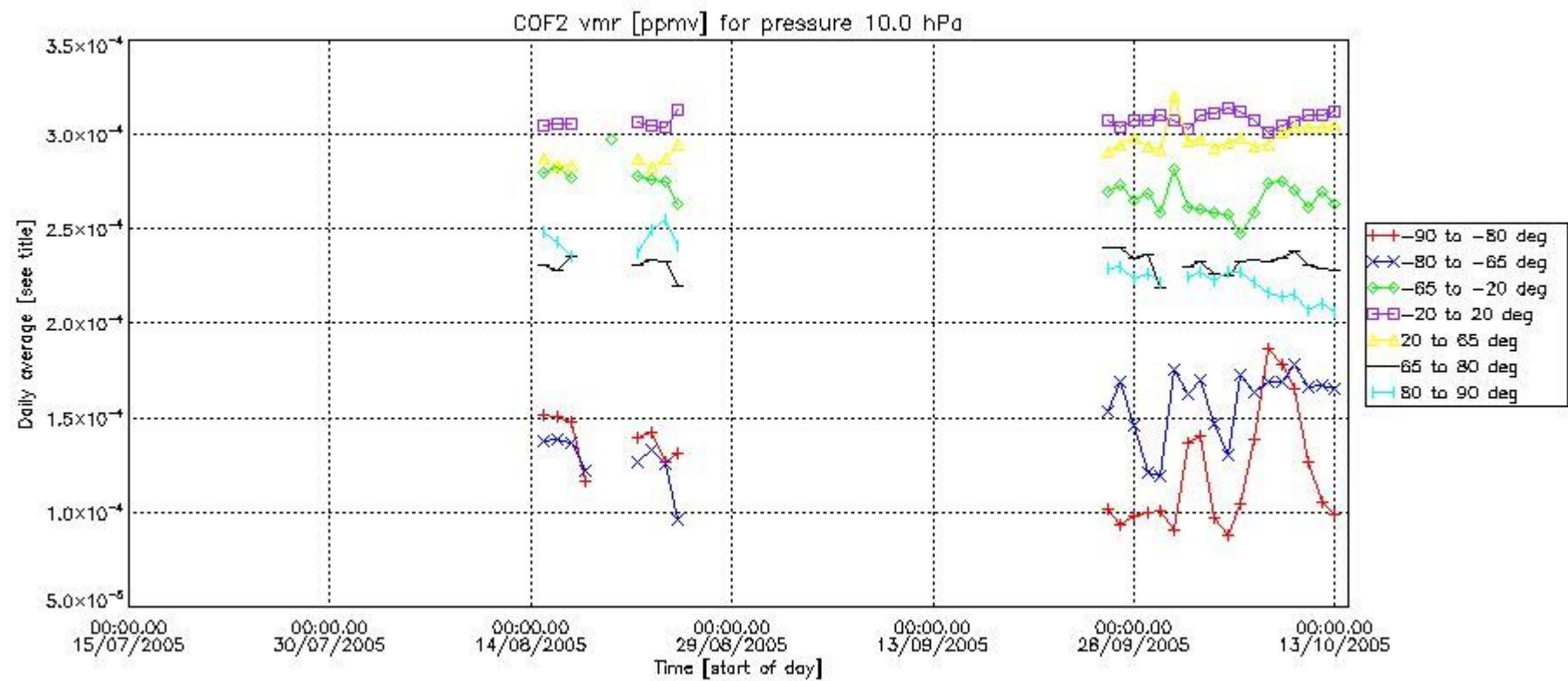


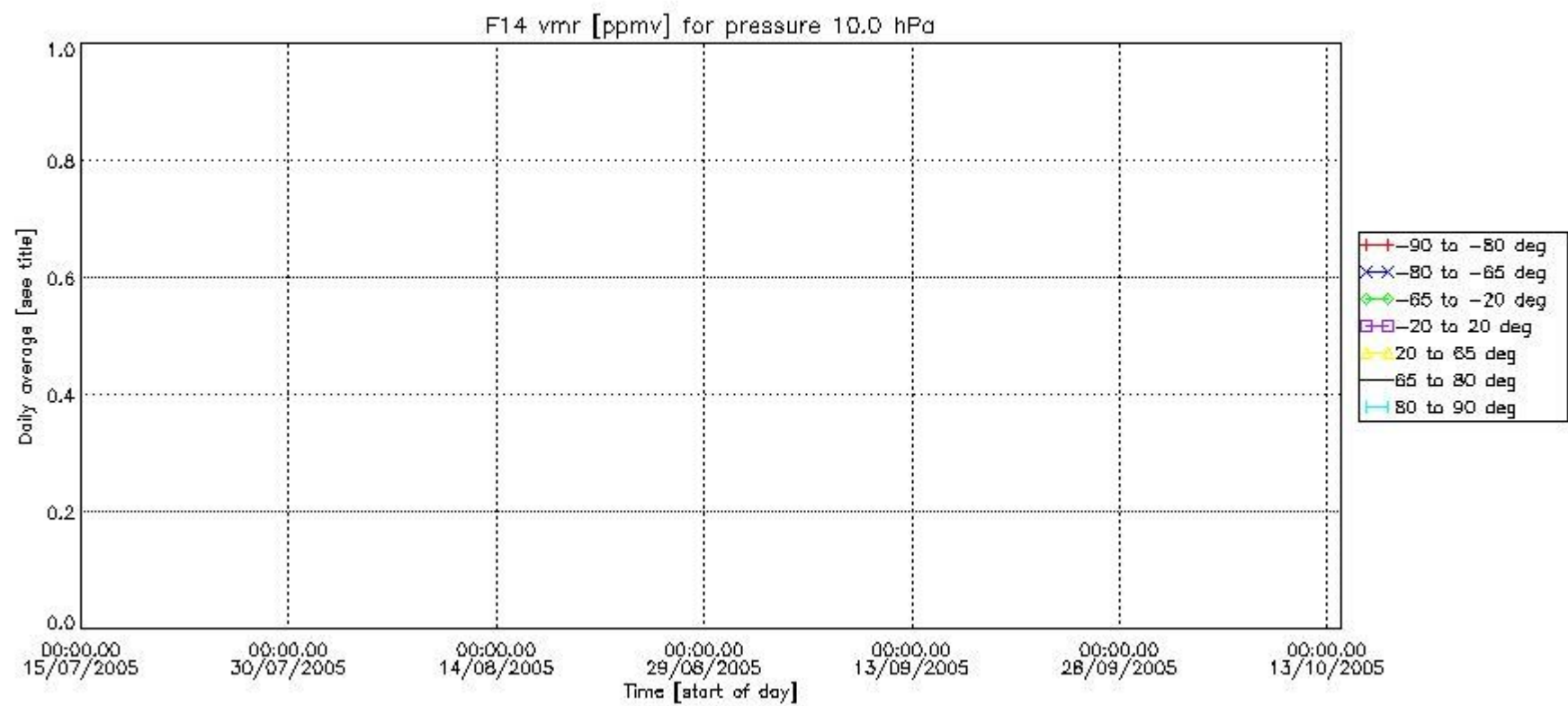
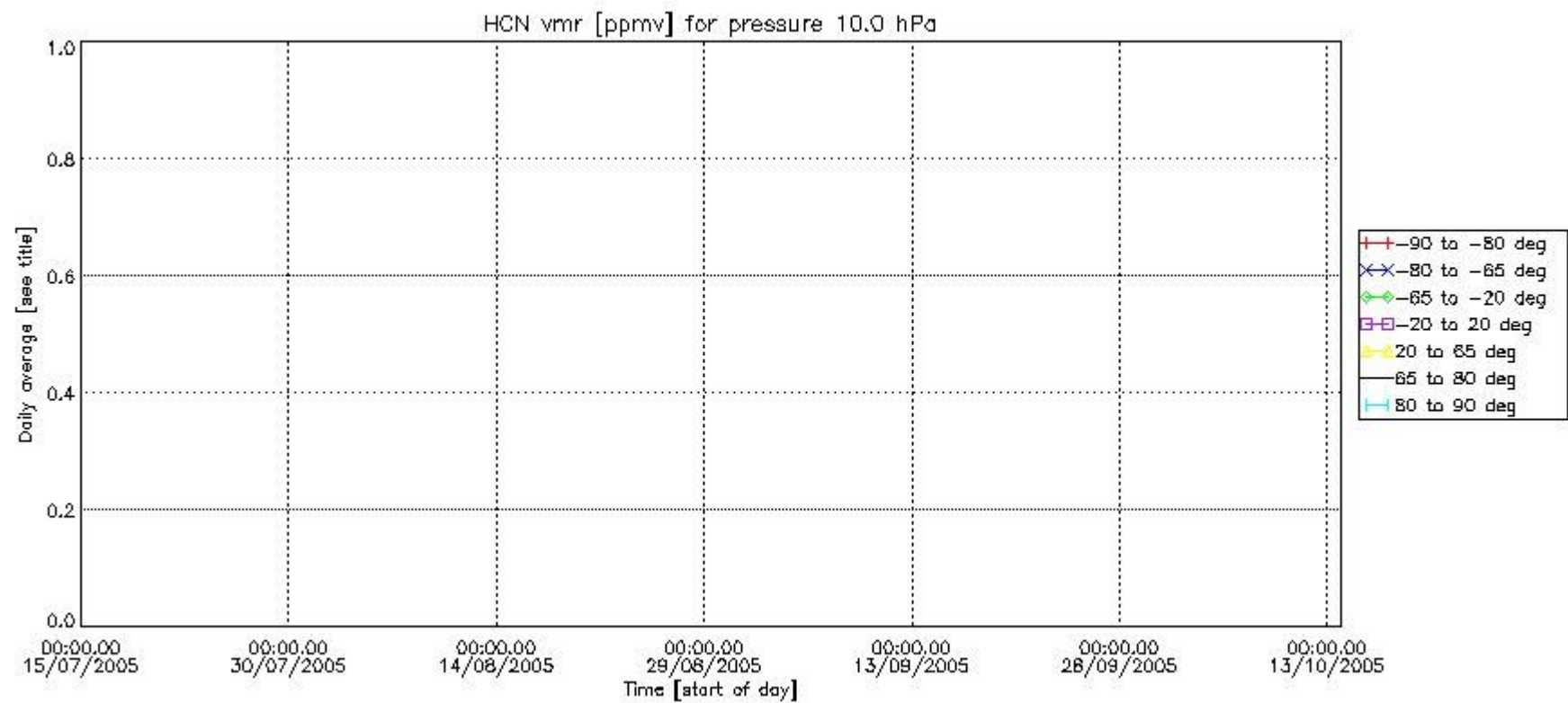


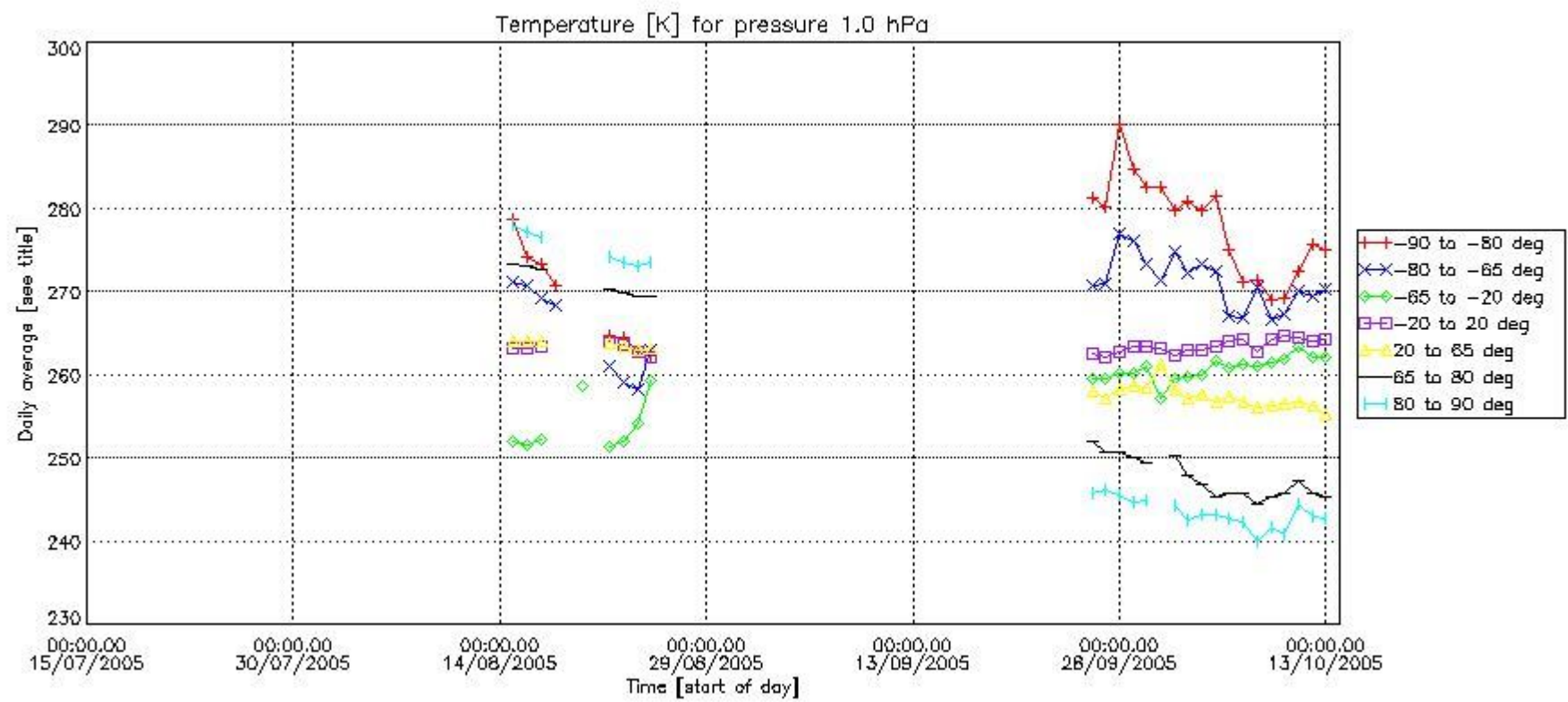
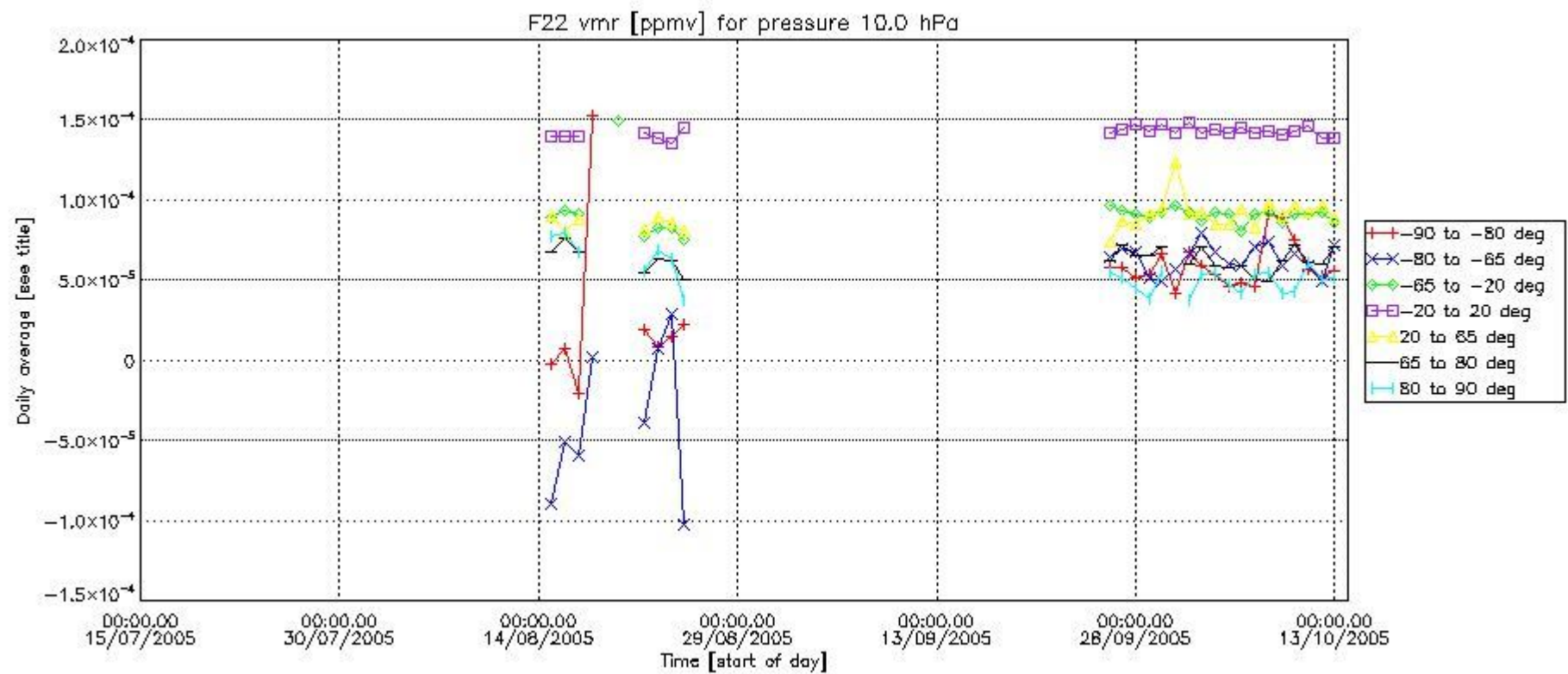


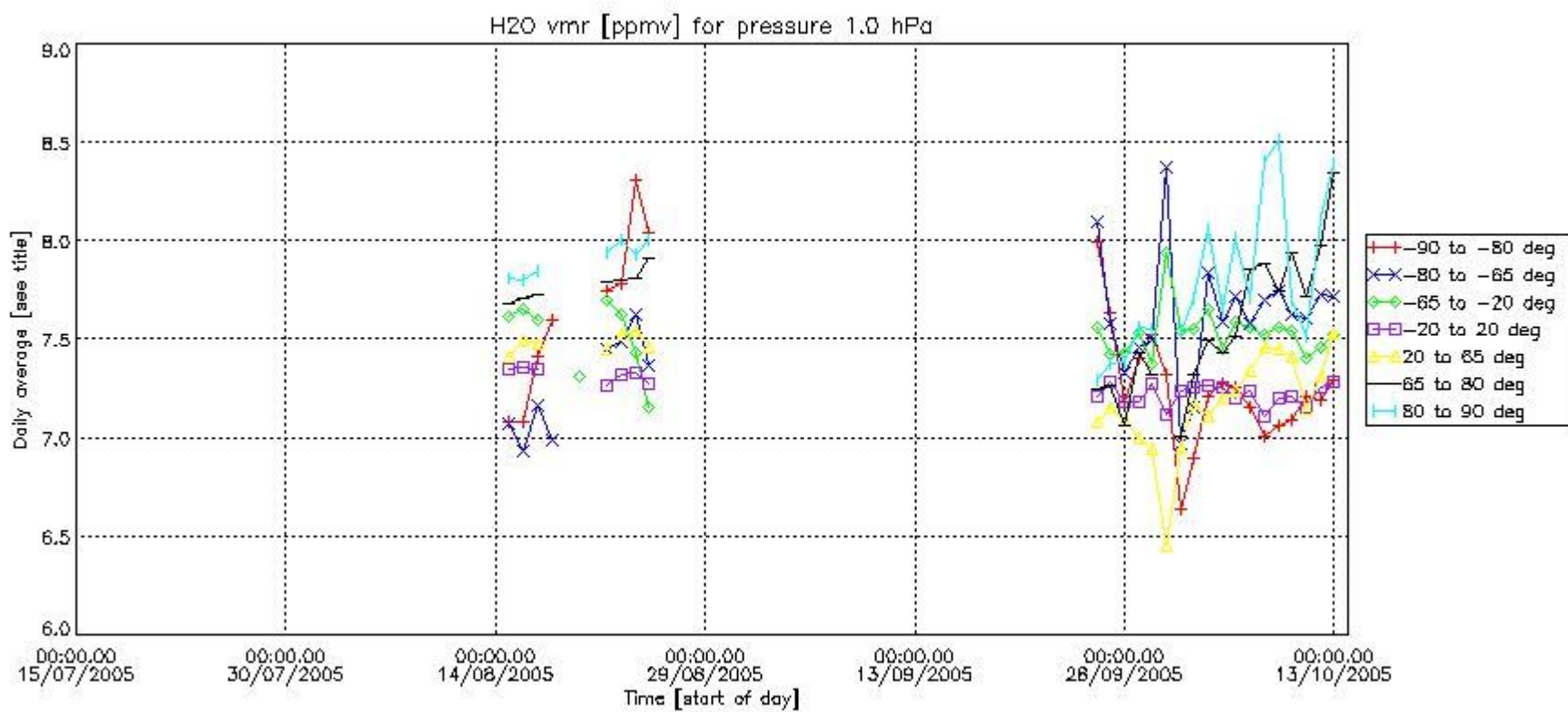
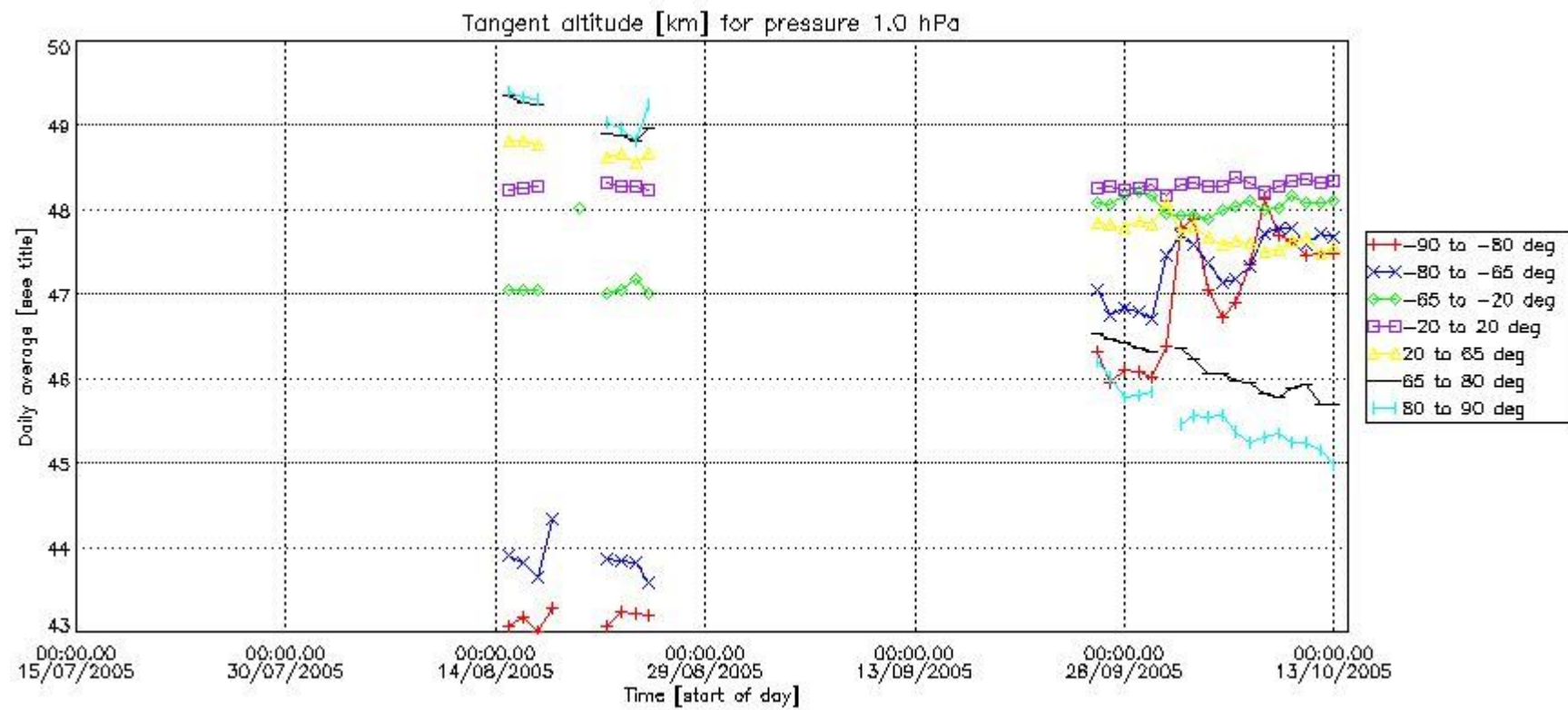


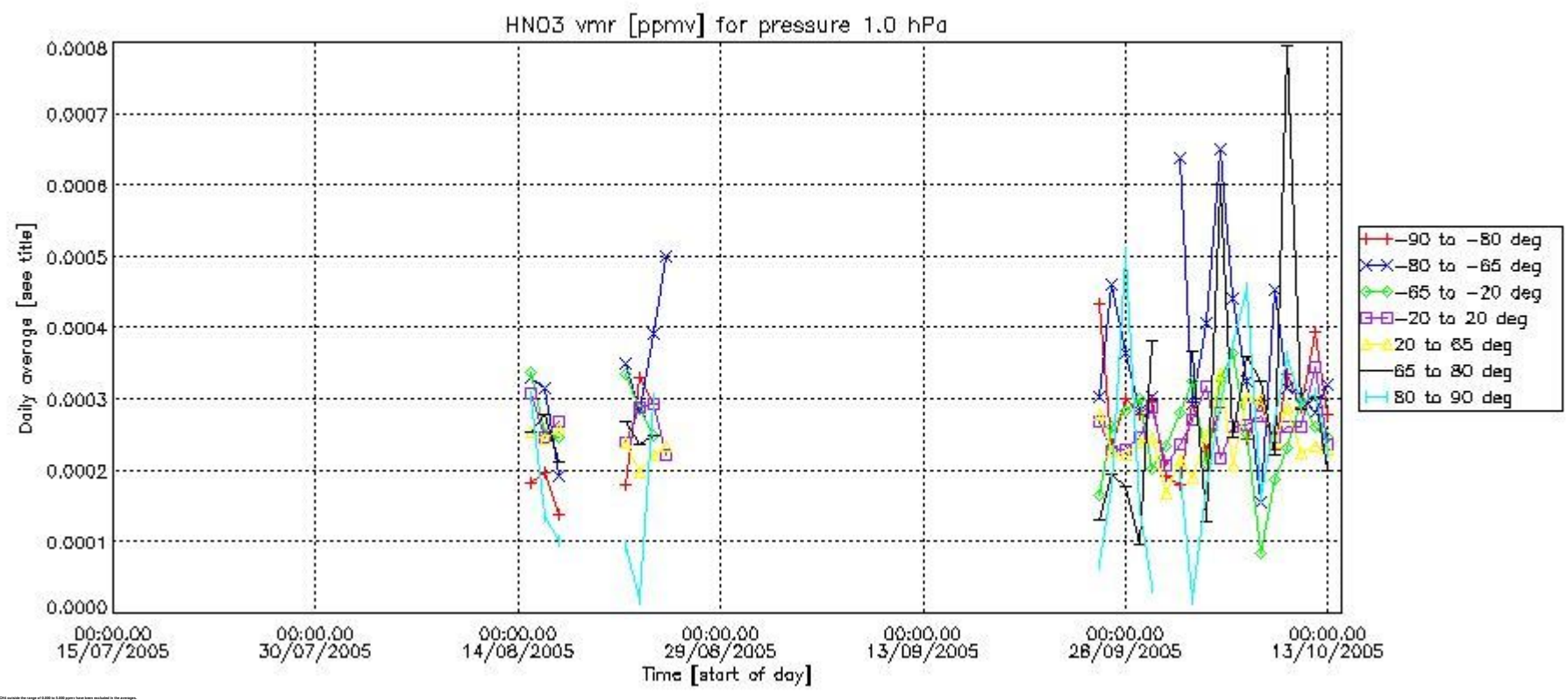
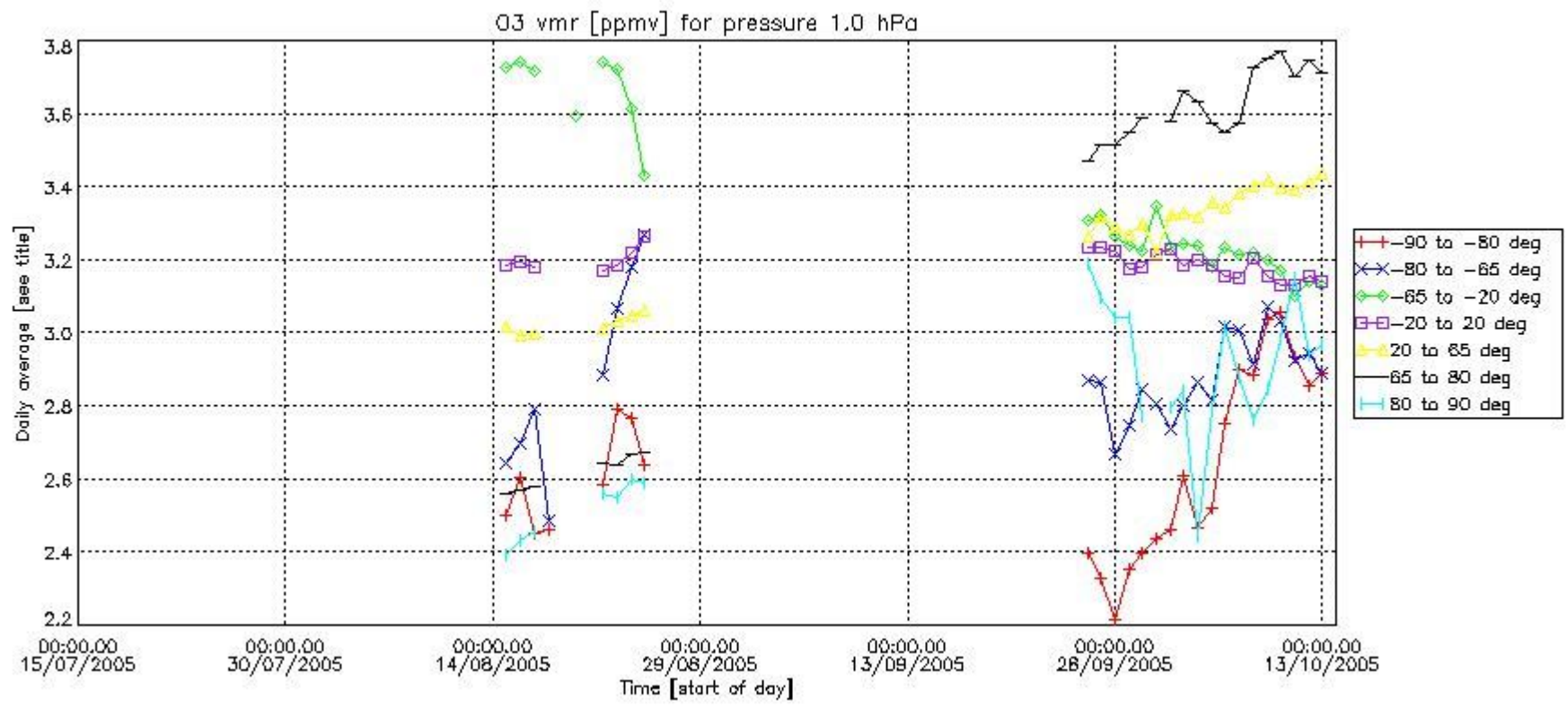


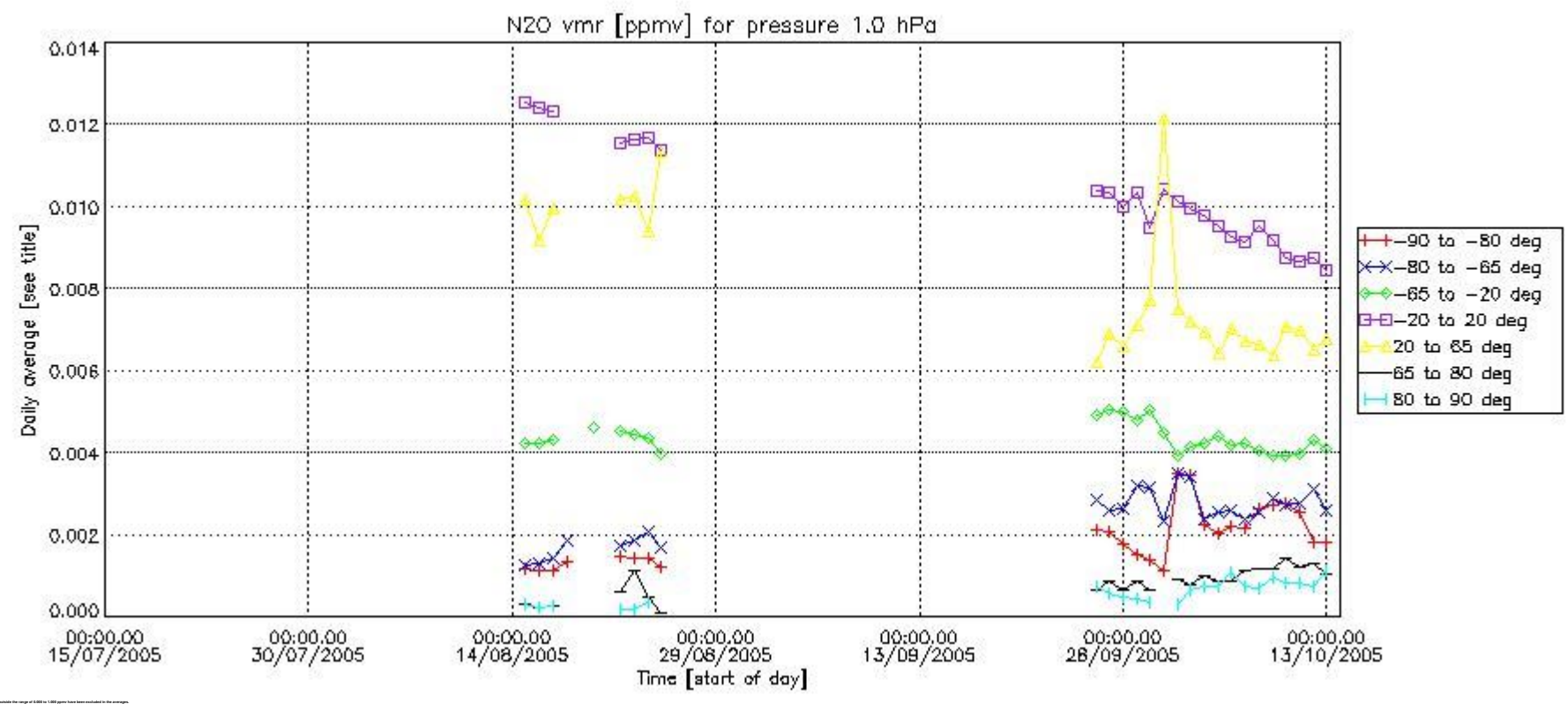
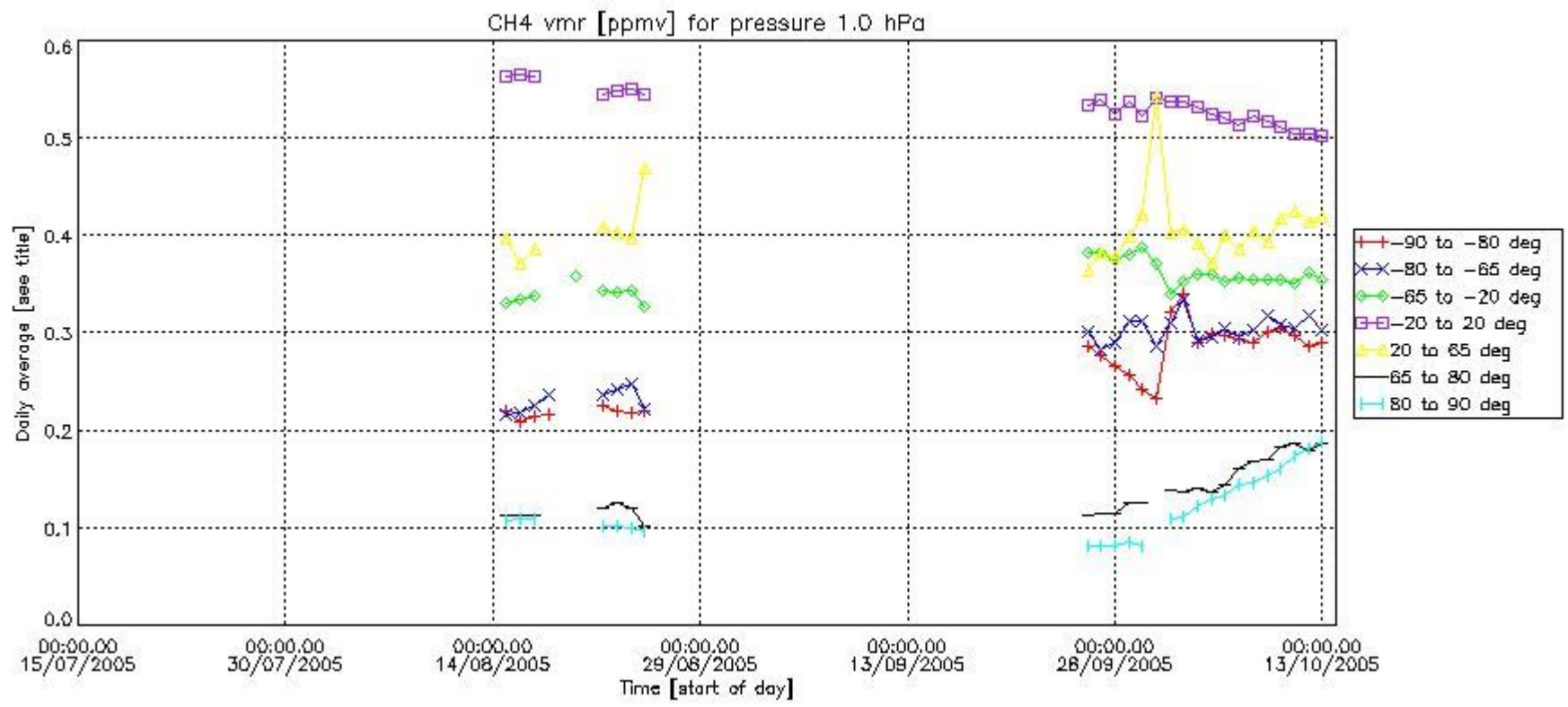


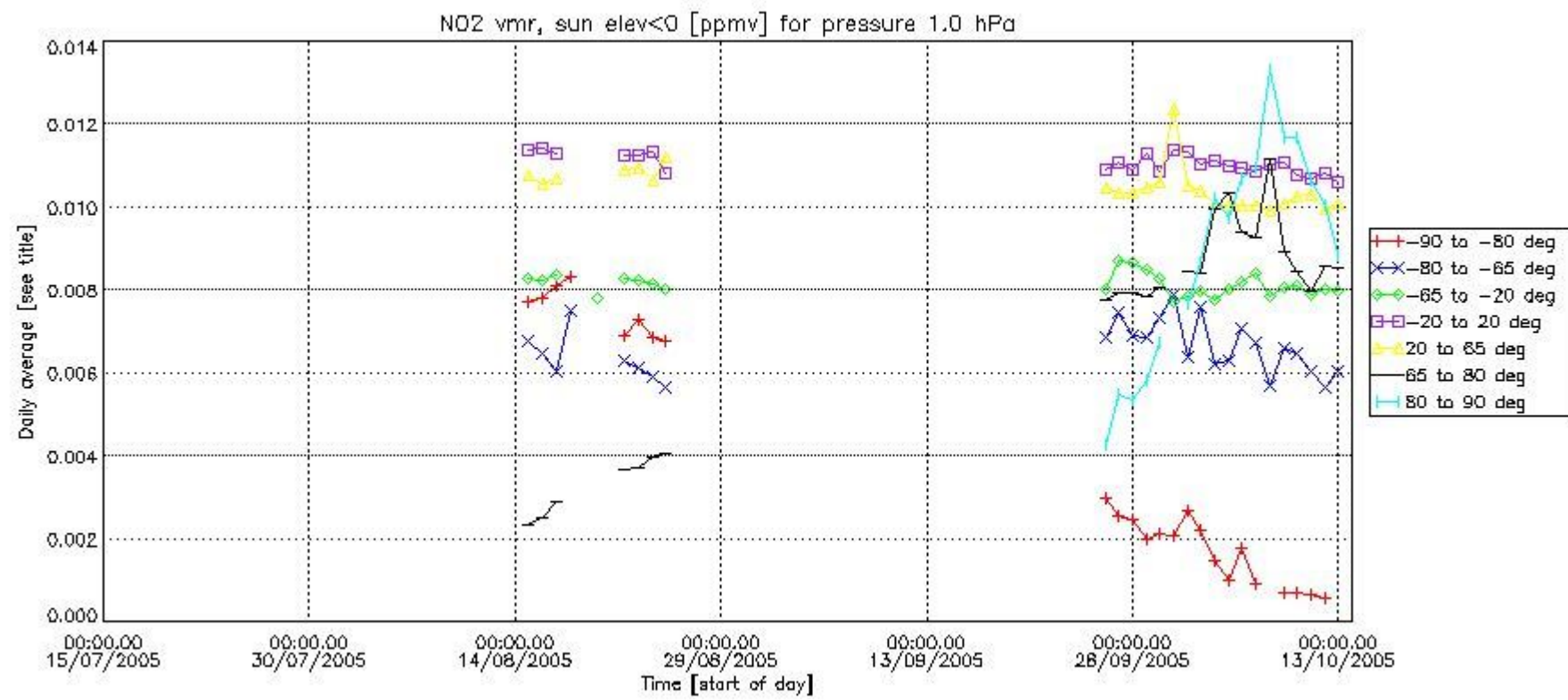
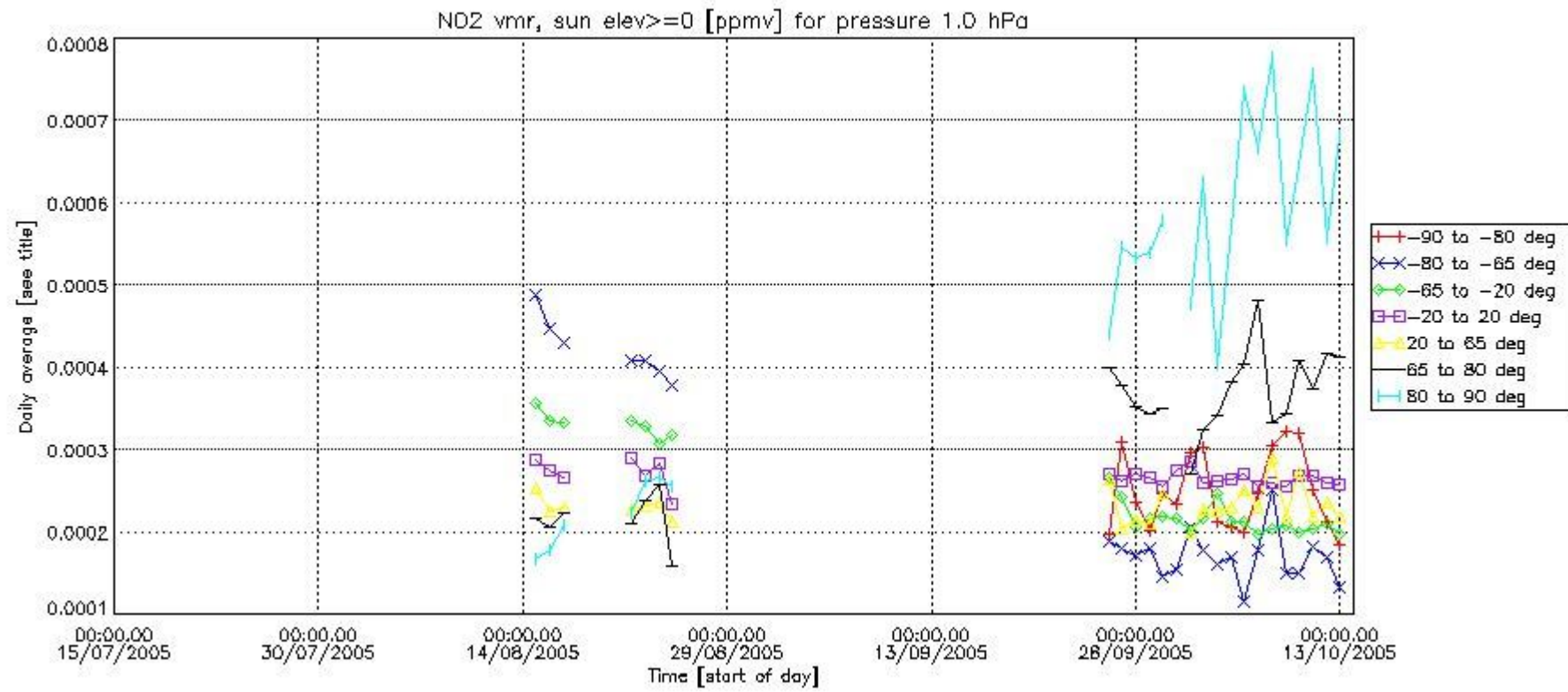


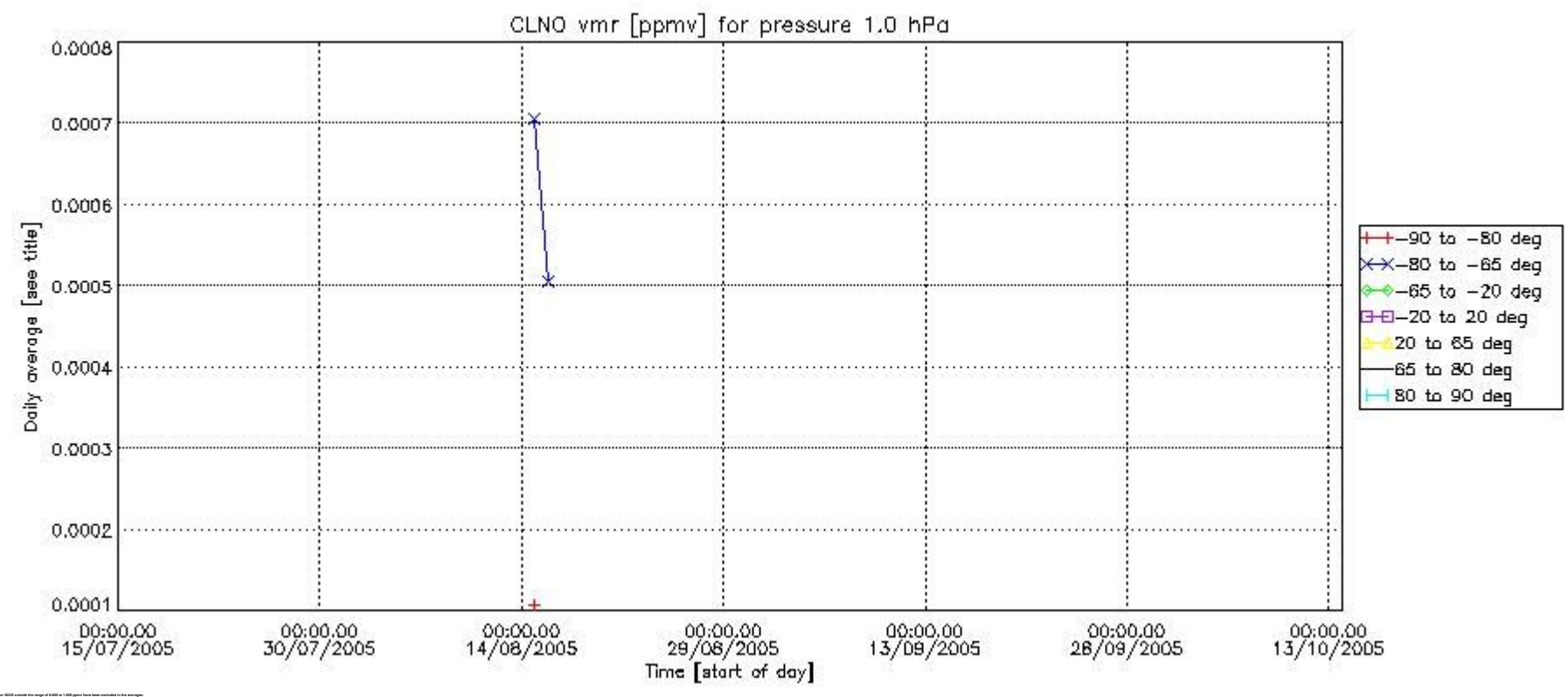
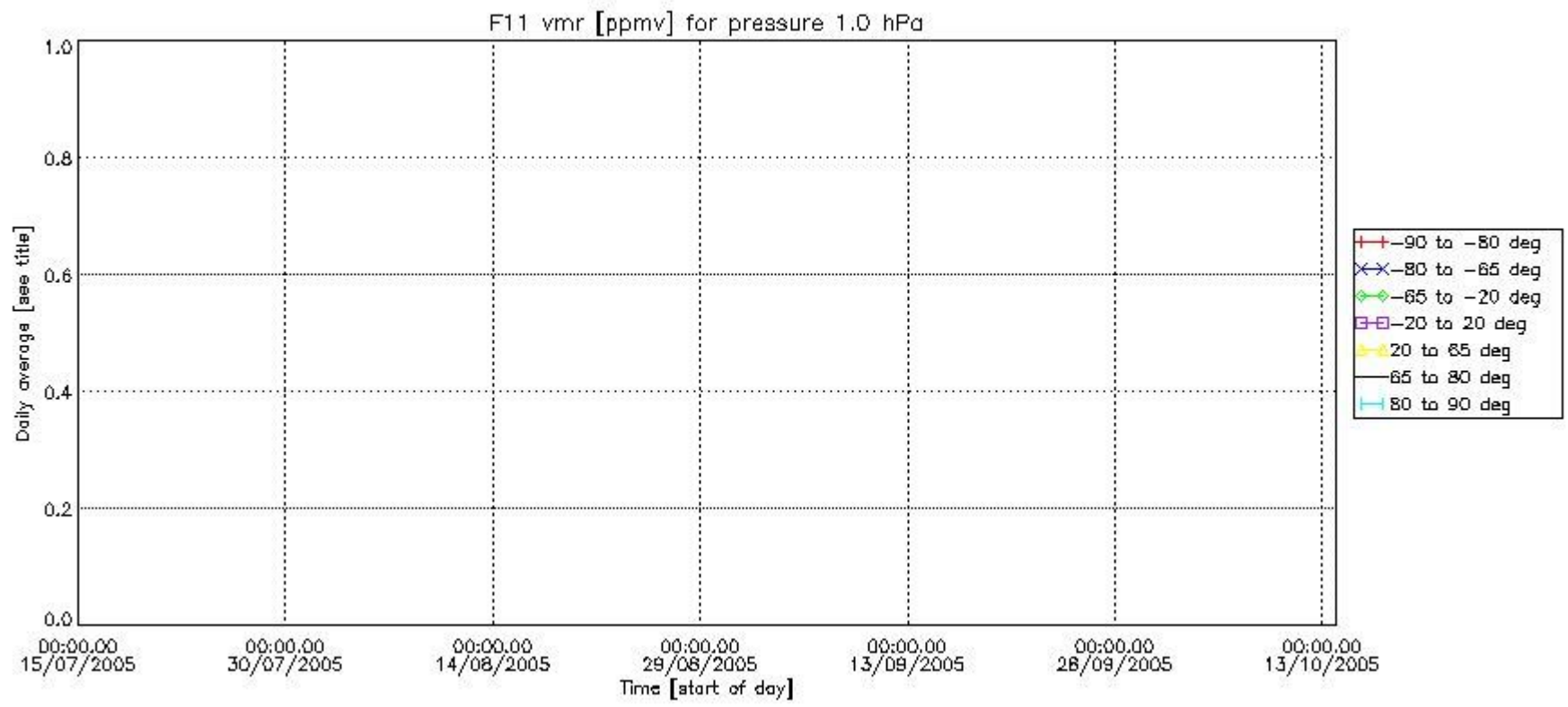


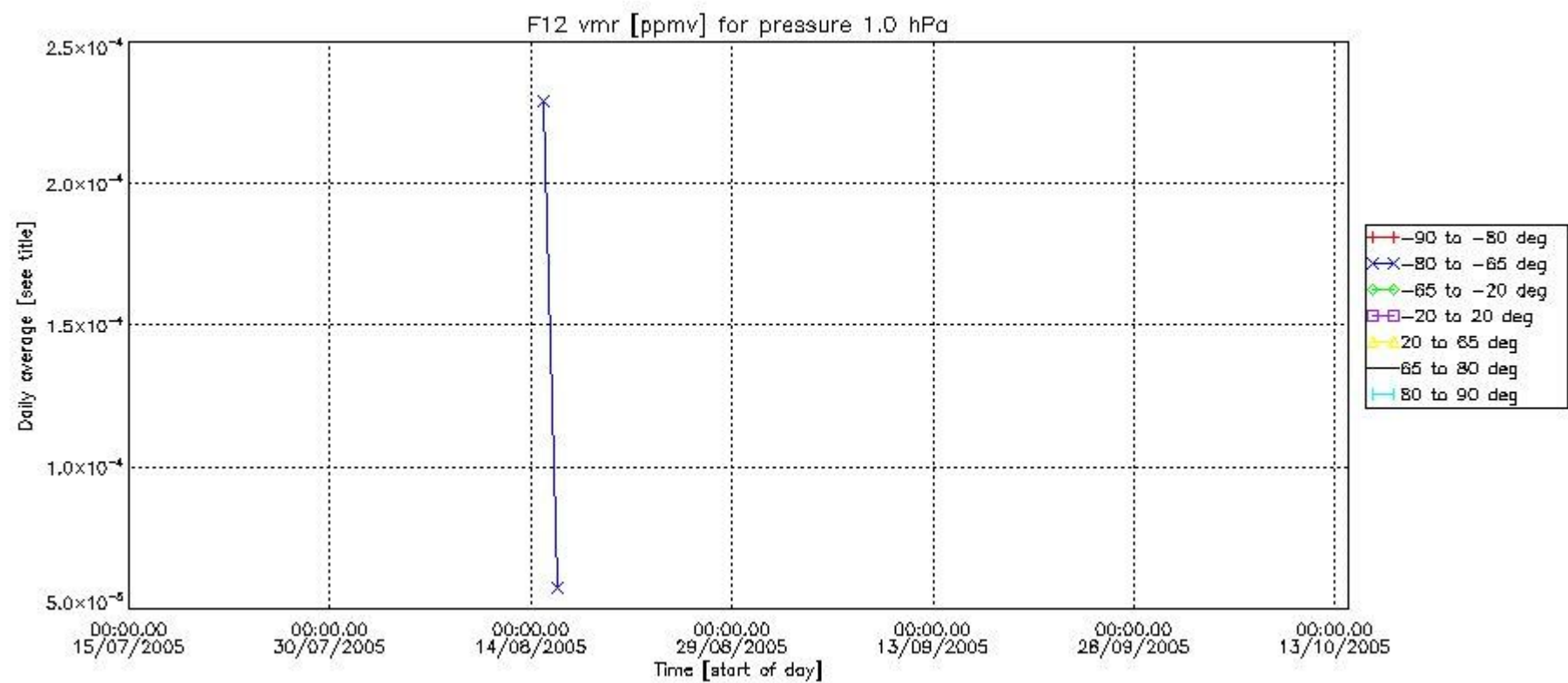
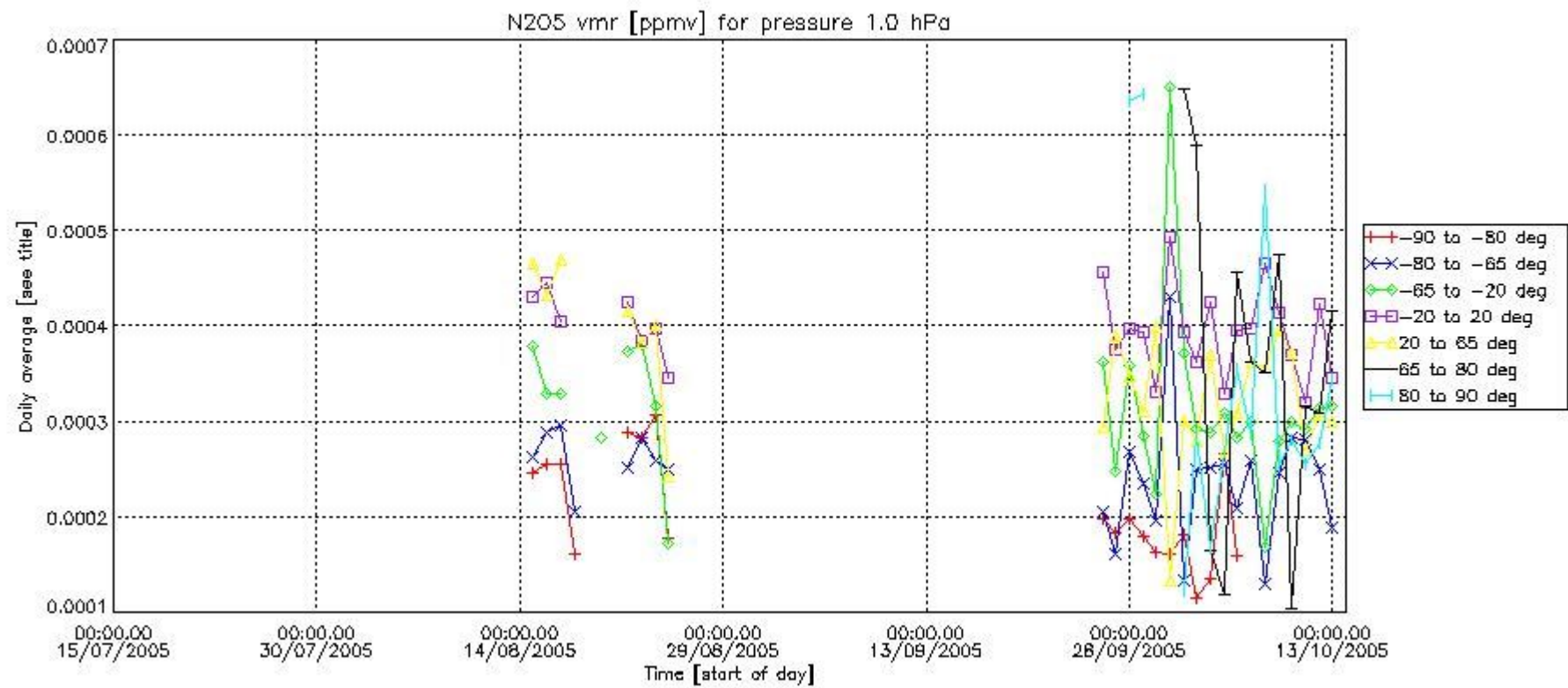


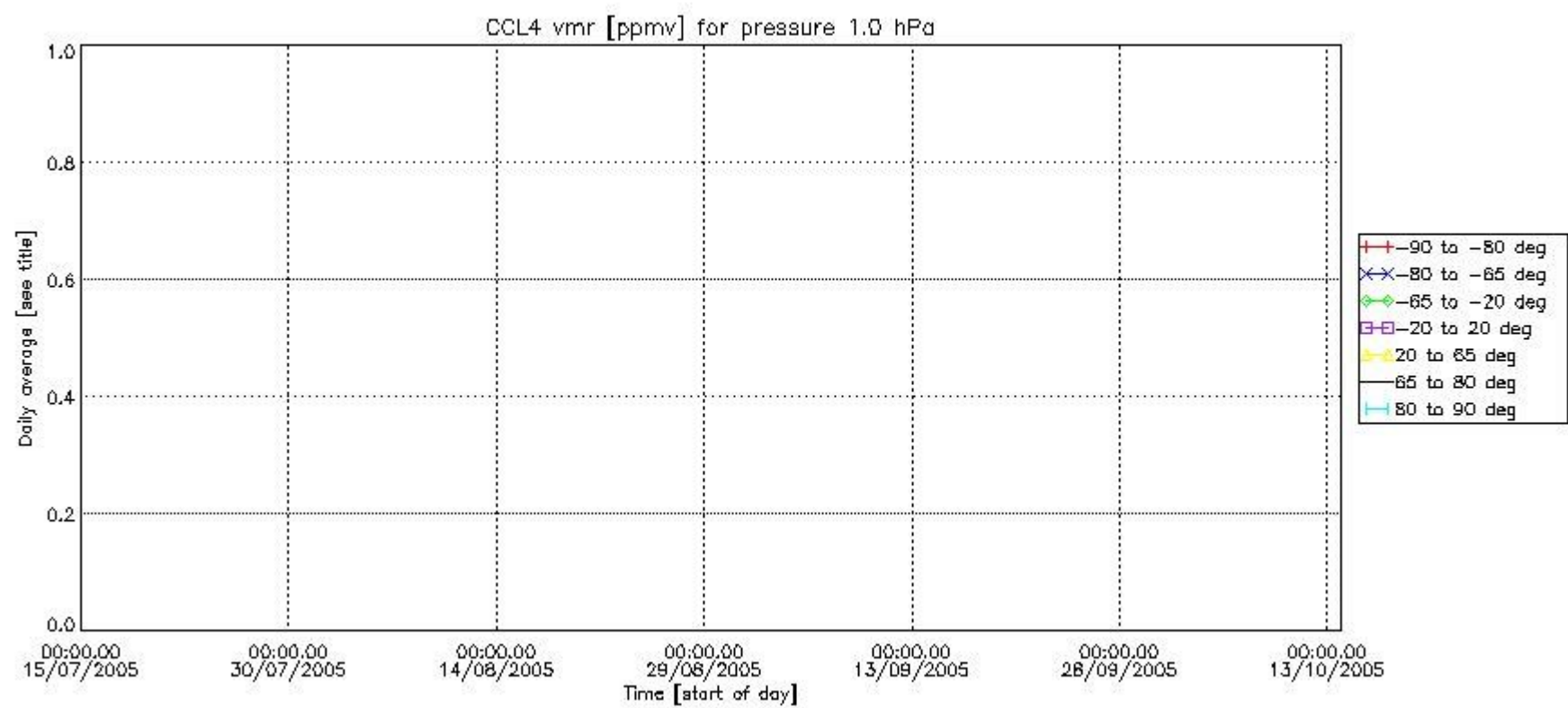
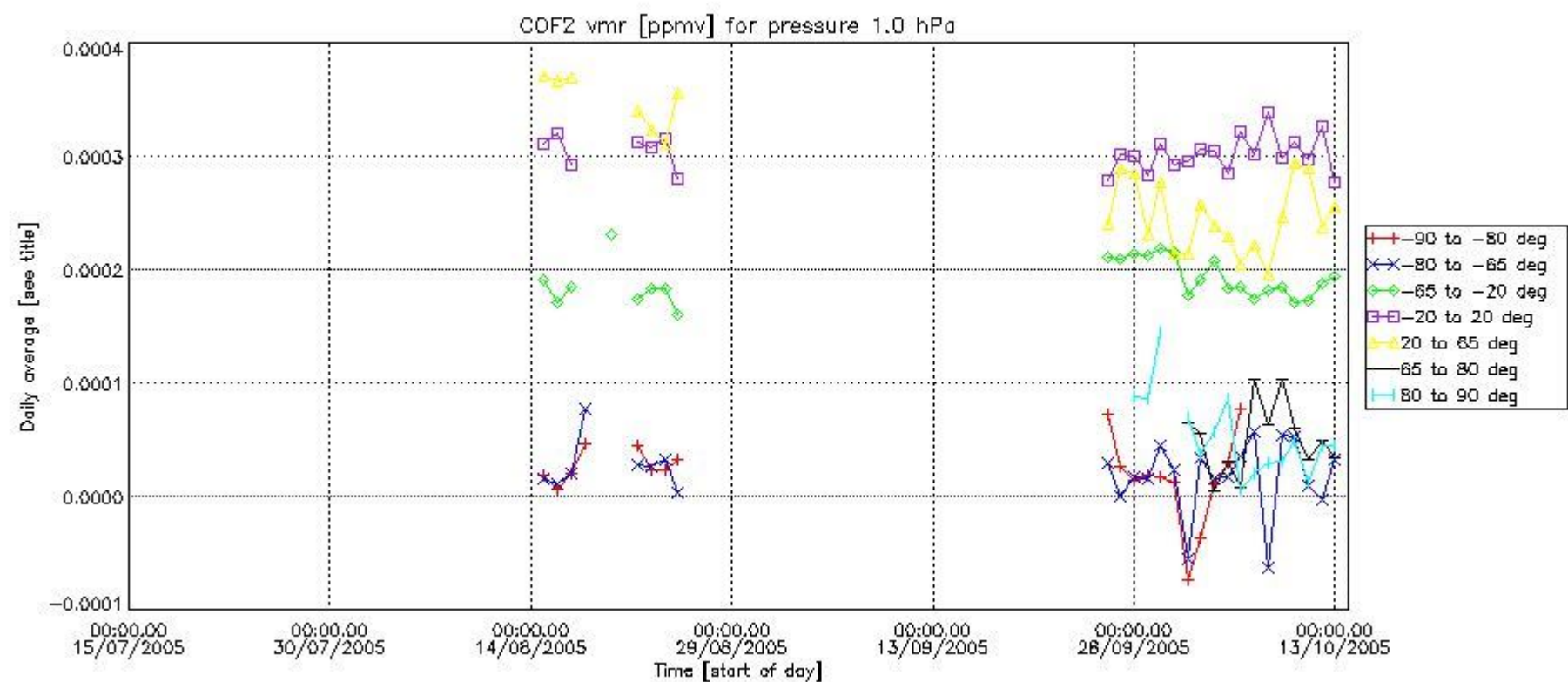


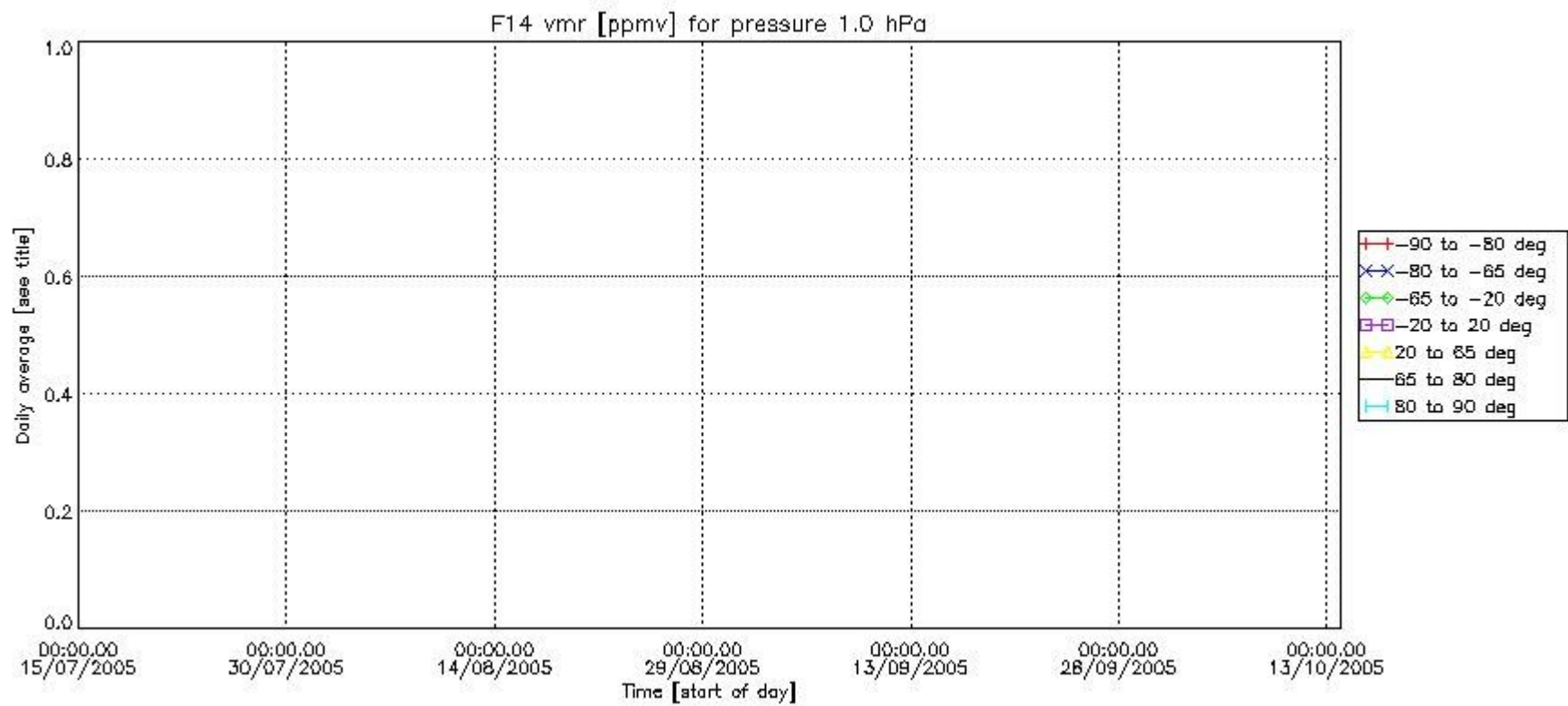
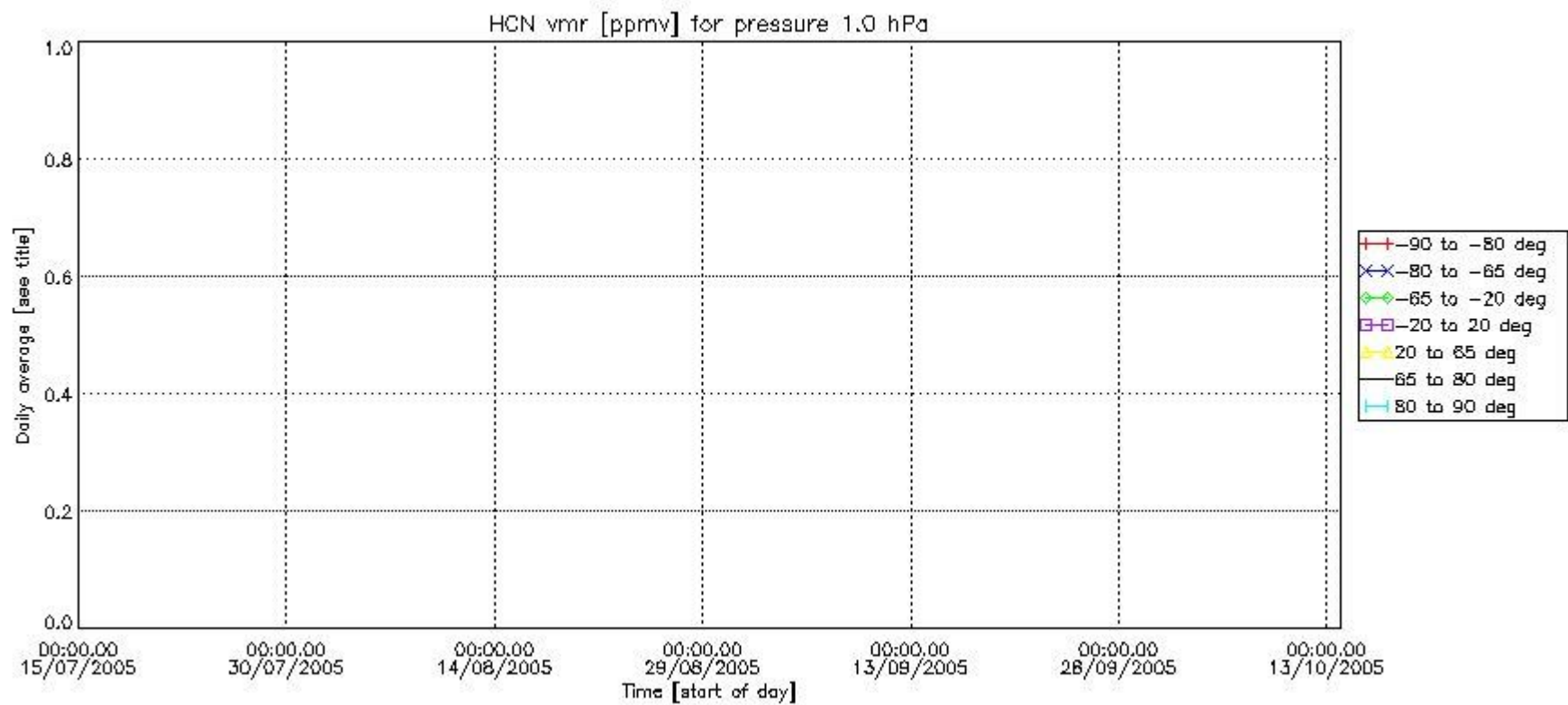


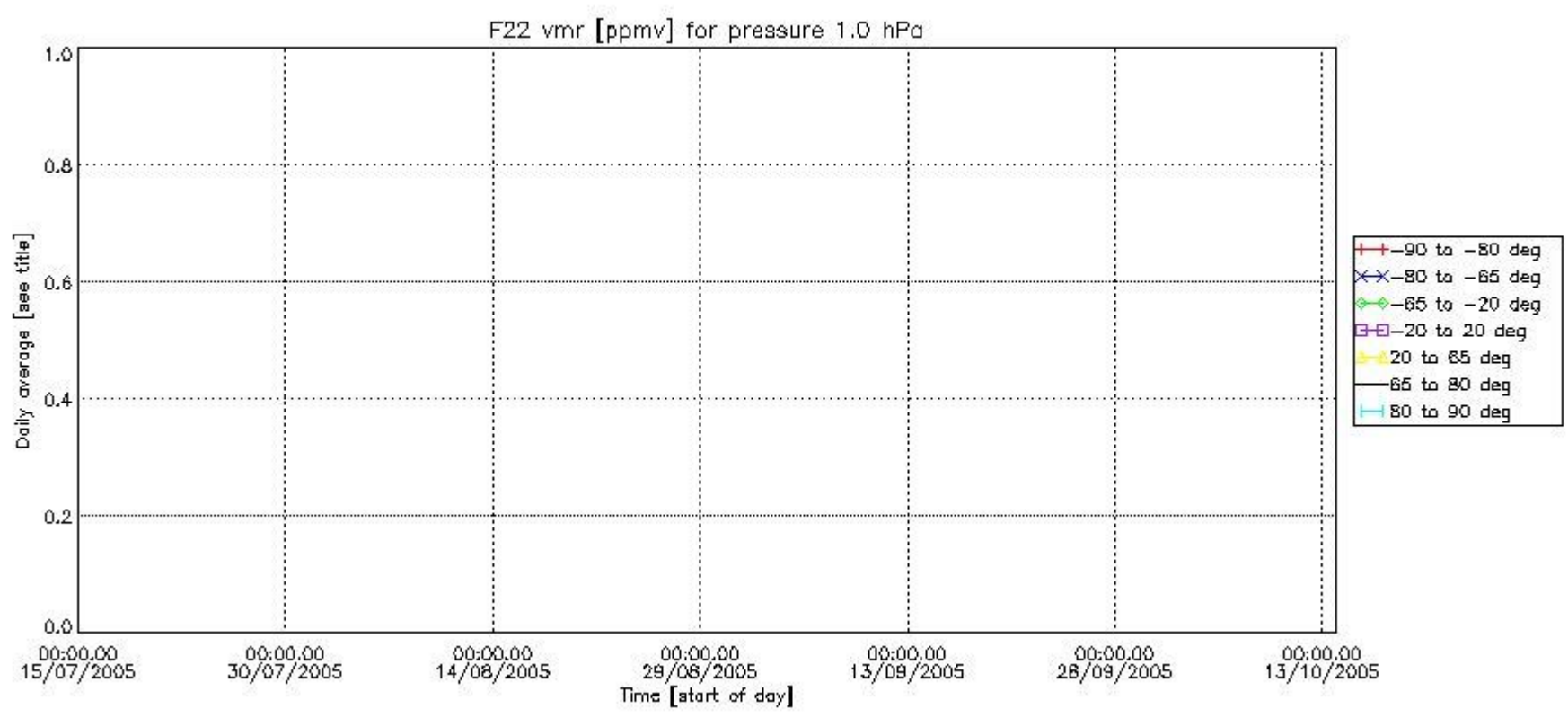












Number of successful retrievals vs. geolocation (*=day side , triangle=night side).

