

2. MIPAS Daily Report for level 2 products summary report

(See [mipas_daily_report_level2_ML2PP_7_03_W_20050927.html](#) for a detailed report).

2.1. General Info

- [2.1.1 Report summary](#)
- [2.1.2 Summary per product](#)

2.2 Processing performance indicators

- [2.2.1 Successful retrievals](#)
- [2.2.2 Pressure overview](#)
- [2.2.3 Temperature overview](#)
- [2.2.4 Species overview](#)
- [2.2.5 History of daily averages](#)

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 15:07:23
Data source version	ML2PP/7.03-W
Processing scope for products	27SEP2005 00:00:00 to 28SEP2005 00:00:00
Start time of first product within scope	26SEP2005 23:20:41
Stop time of last product within scope	28SEP2005 00:29:40
Total number of level 2 products	10
Number of level 2 products with errors	1

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_2PWDSI20050926_232041_000060352041_00102_18693_1000.N1	26SEP2005 23:20:41	27SEP2005 01:01:17	0	133/133	VMR_TERM_MACRO_MICRO[F14/macro:2; HCN/micro:1]
1	MIP_NL_2PWDSI20050927_010123_000005062041_00103_18694_1000.N1	27SEP2005 01:01:23	27SEP2005 01:09:49	0	11/11	
2	MIP_NL_2PWDSI20050927_060644_000057672041_00106_18697_1000.N1	27SEP2005 06:06:44	27SEP2005 07:42:51	1	103/103	VMR_TERM_MACRO_MICRO[HCN/micro:1]
3	MIP_NL_2PWDSI20050927_074341_000060302041_00107_18698_1000.N1	27SEP2005 07:43:41	27SEP2005 09:24:11	0	127/127	VMR_TERM_MACRO_MICRO[F14/macro:1]
4	MIP_NL_2PWDSI20050927_092417_000060302041_00108_18699_1000.N1	27SEP2005 09:24:17	27SEP2005 11:04:47	0	128/128	VMR_TERM_MACRO_MICRO[HCN/macro:1; F14/macro:1]
5	MIP_NL_2PWDSI20050927_110453_000060362041_00109_18700_1000.N1	27SEP2005 11:04:53	27SEP2005 12:45:28	0	133/133	
6	MIP_NL_2PWDSI20050927_124535_000005062041_00110_18701_1000.N1	27SEP2005 12:45:35	27SEP2005 12:54:00	0	11/11	
7	MIP_NL_2PWDSI20050927_193132_000050352041_00114_18705_1000.N1	27SEP2005 19:31:32	27SEP2005 20:55:27	0	83/83	VMR_TERM_MACRO_MICRO[CH4/micro:1]
8	MIP_NL_2PWDSI20050927_210828_000060302041_00115_18706_1000.N1	27SEP2005 21:08:28	27SEP2005 22:48:58	0	128/128	VMR_TERM_MACRO_MICRO[HCN/macro:2; F14/macro:1; HCN/micro:1]
9	MIP_NL_2PWDSI20050927_224904_000060352041_00116_18707_1000.N1	27SEP2005 22:49:04	28SEP2005 00:29:40	0	133/133	VMR_TERM_MACRO_MICRO[HCN/macro:1; HCN/micro:1]

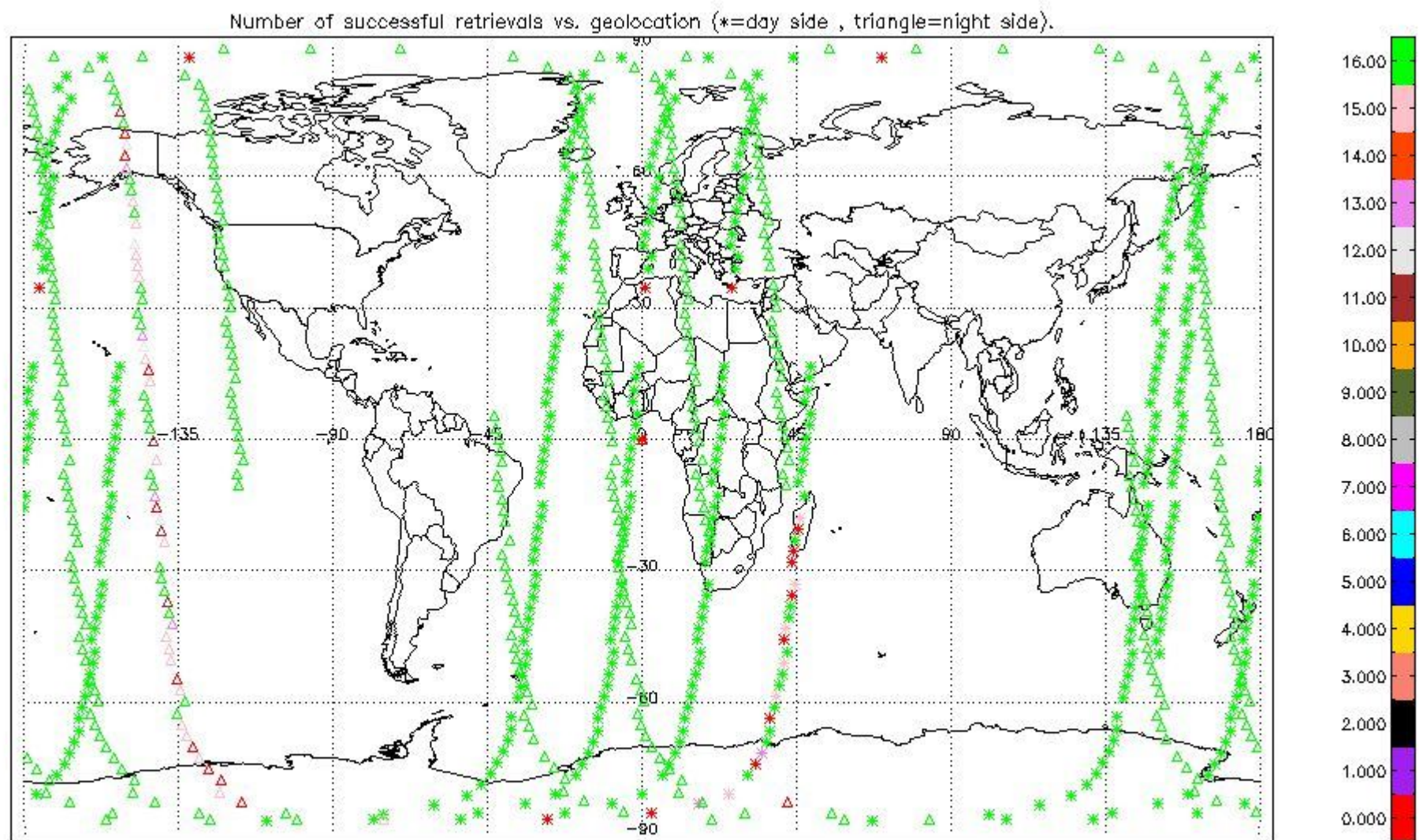
2.2 Processing performance indicators

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.

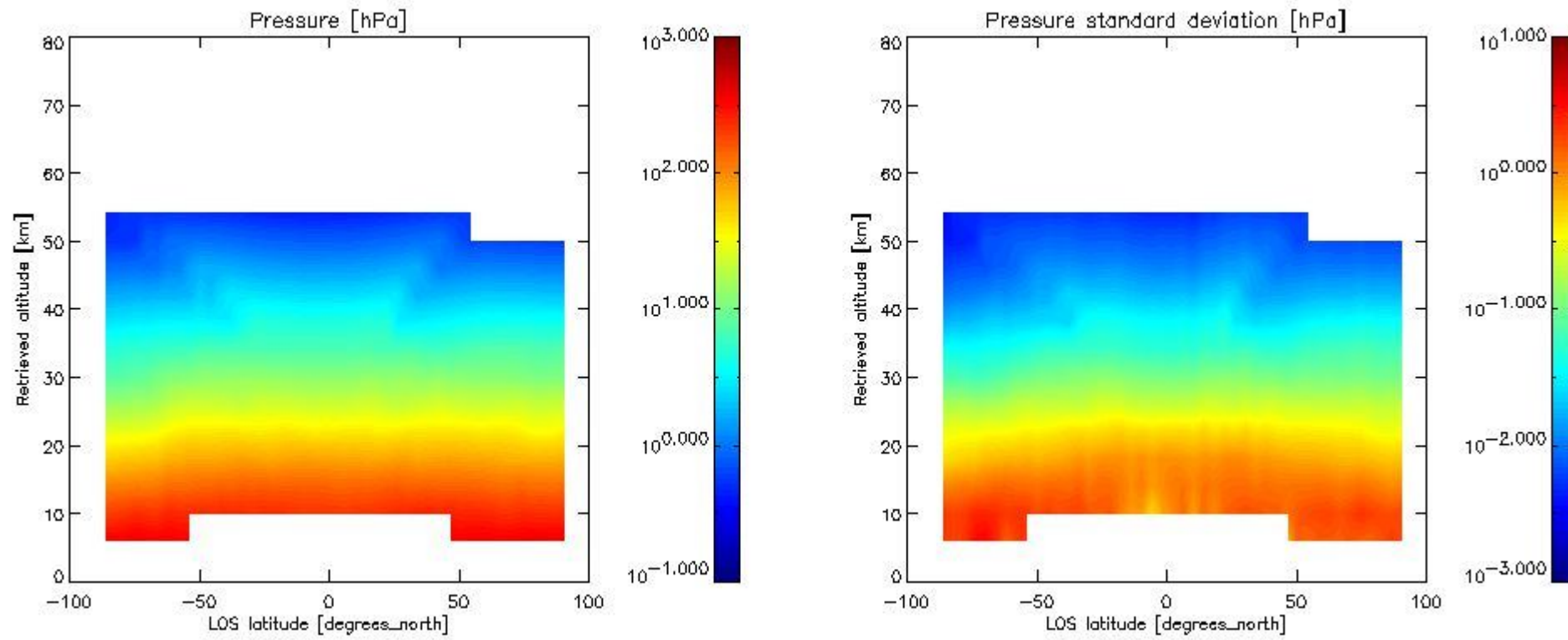
RETRIEVAL MDS	# scans processed	# Successful retrievals	%
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PT	990	870	87.879
H2O	990	870	87.879
O3	990	870	87.879
HNO3	990	870	87.879
CH4	990	870	87.879
N2O	990	870	87.879
NO2	990	870	87.879
F11	990	856	86.465
CLNO	990	866	87.475
N2O5	990	870	87.879
F12	990	832	84.040
COF2	990	870	87.879
CCL4	990	856	86.465
HCN	990	870	87.879
F14	990	870	87.879
F22	990	862	87.071



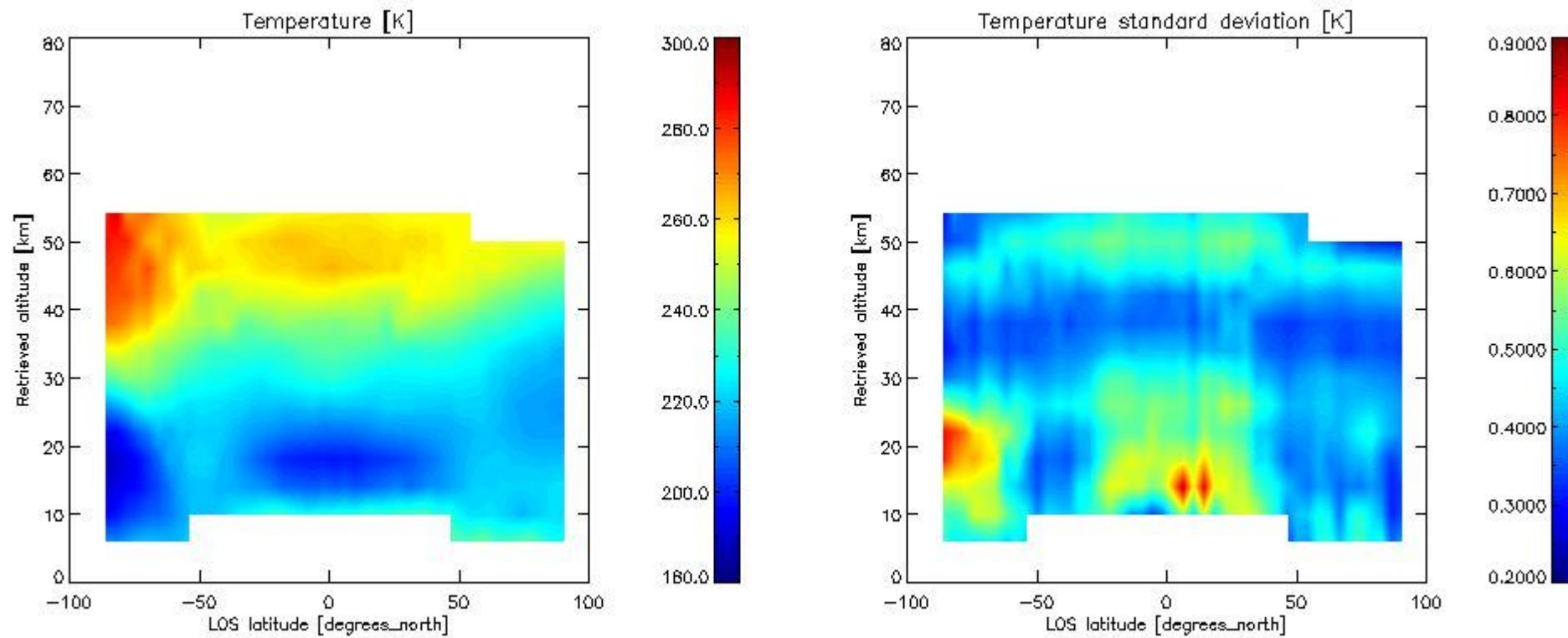
2.2.2 Pressure overview

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



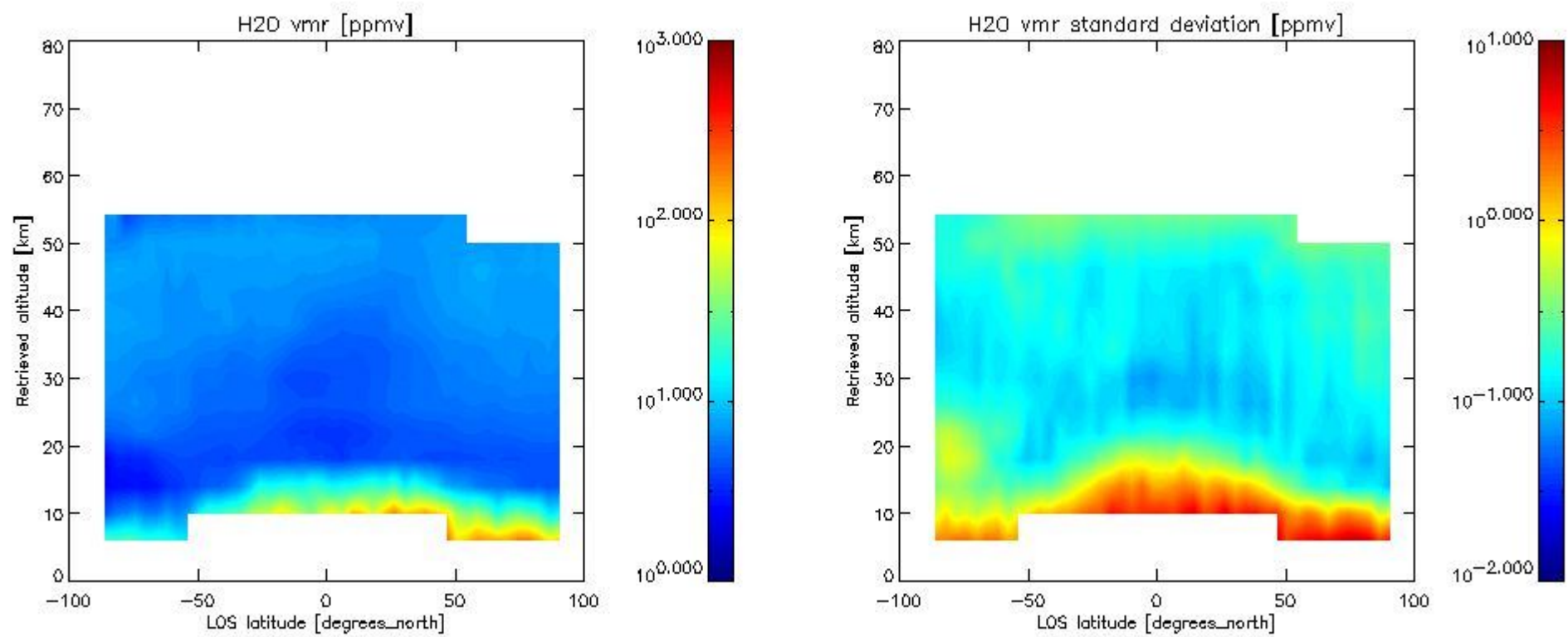
2.2.3 Temperature overview

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

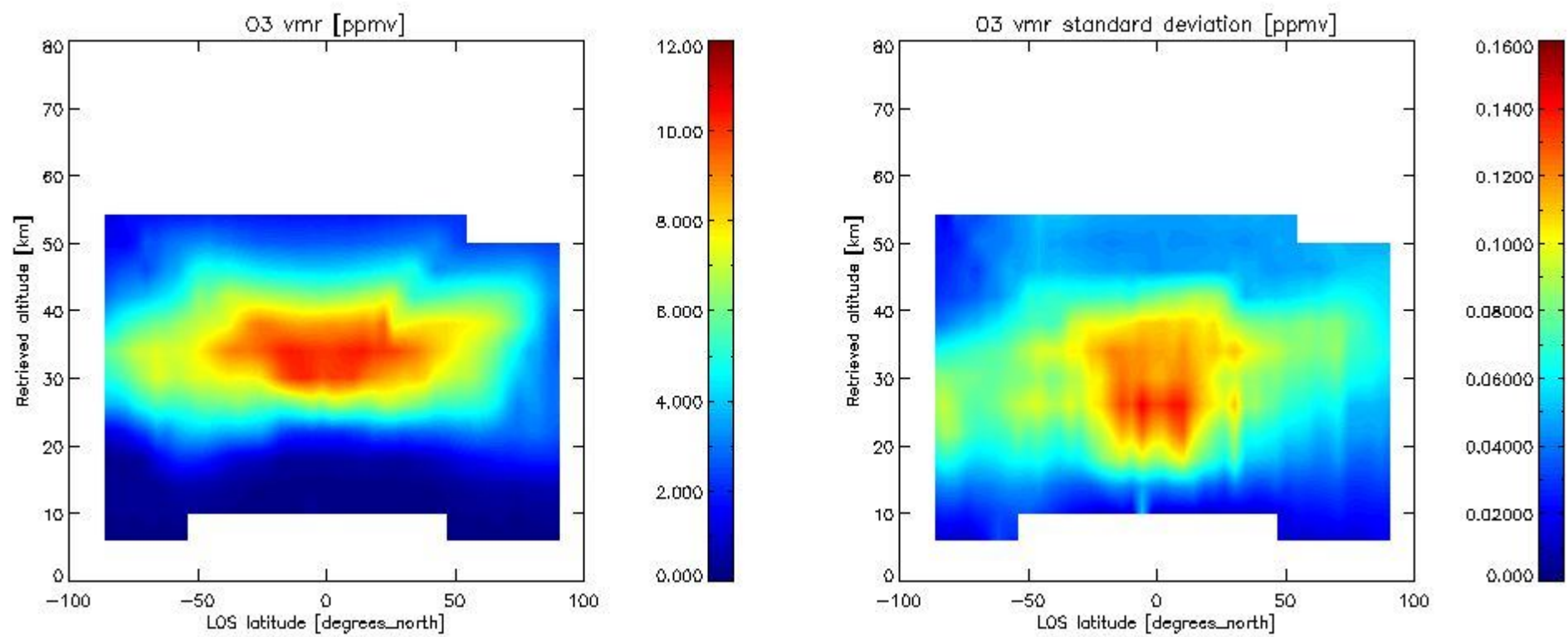


2.2.4 Species overview

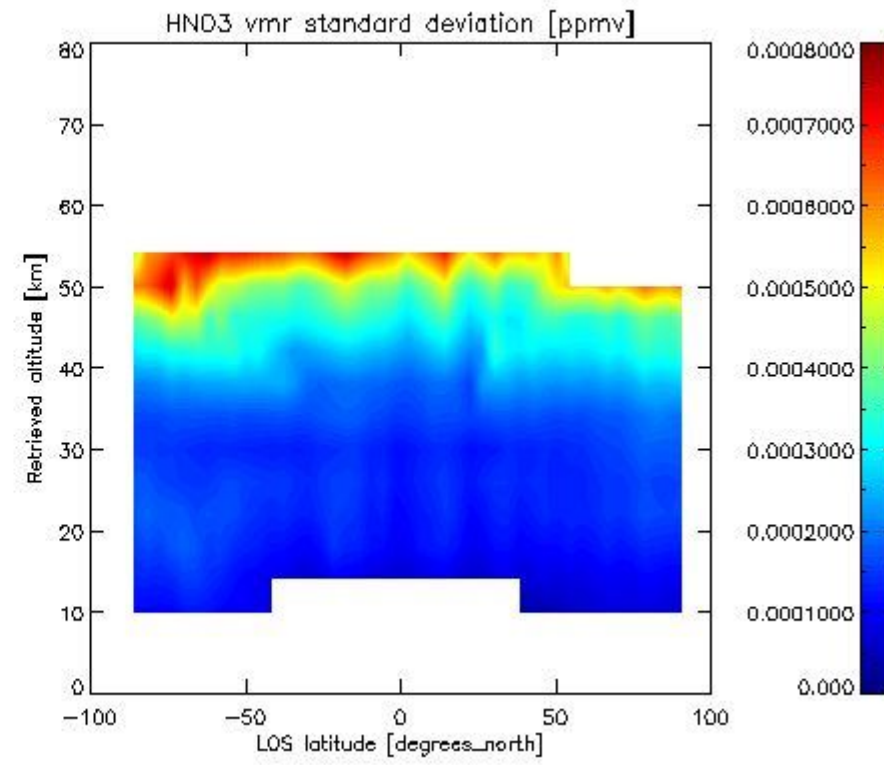
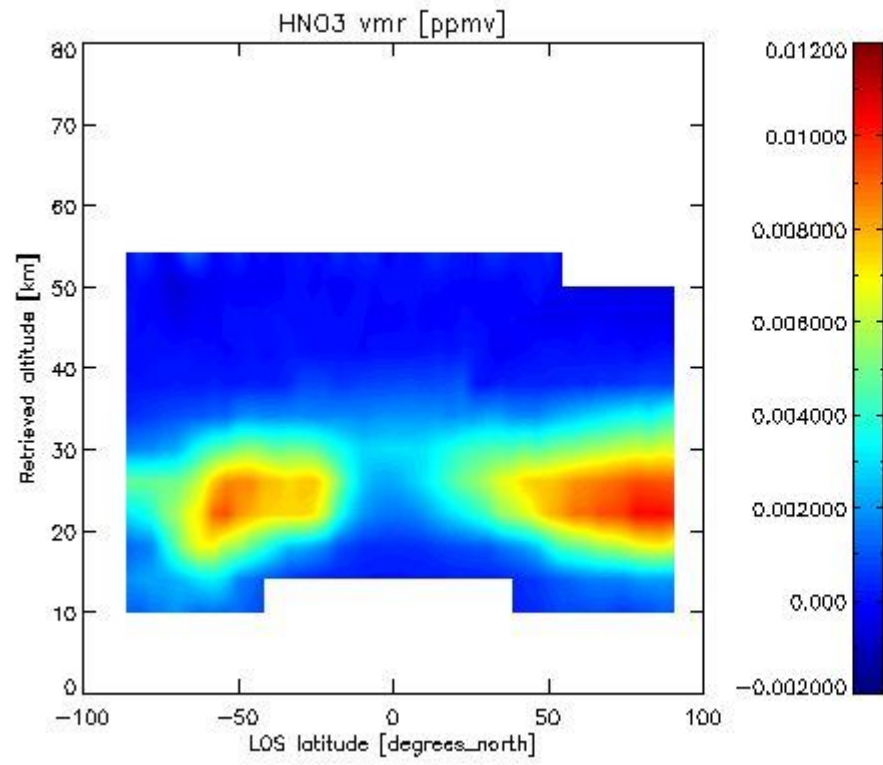
2.2.4.1 H₂O overview This section shows values (left) and error (right) for H₂O after binning individual sweep values over retrieved altitude and tangent latitude.



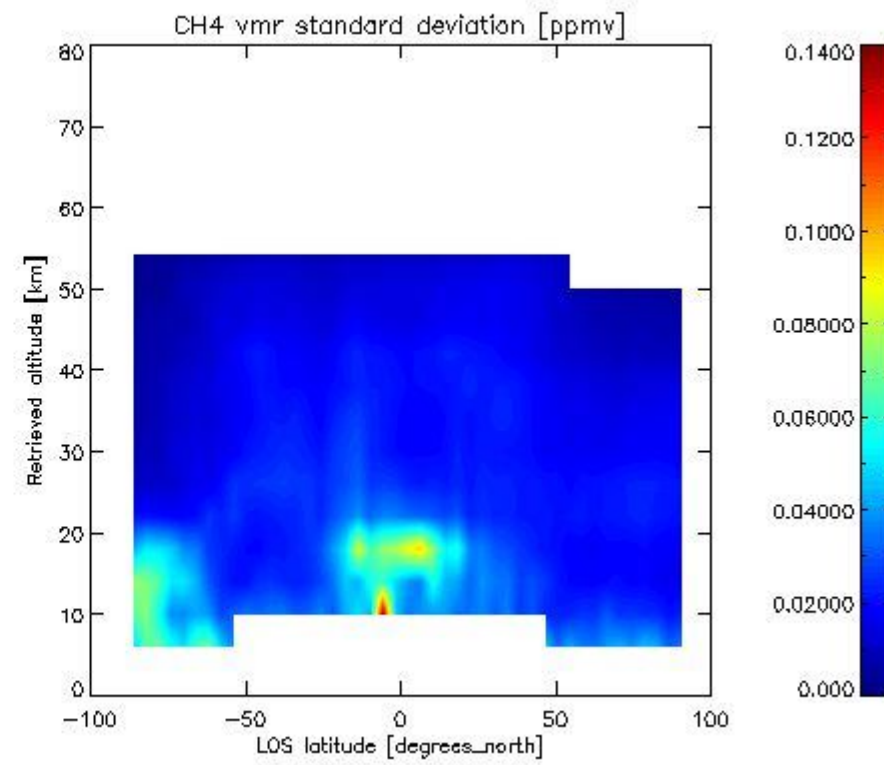
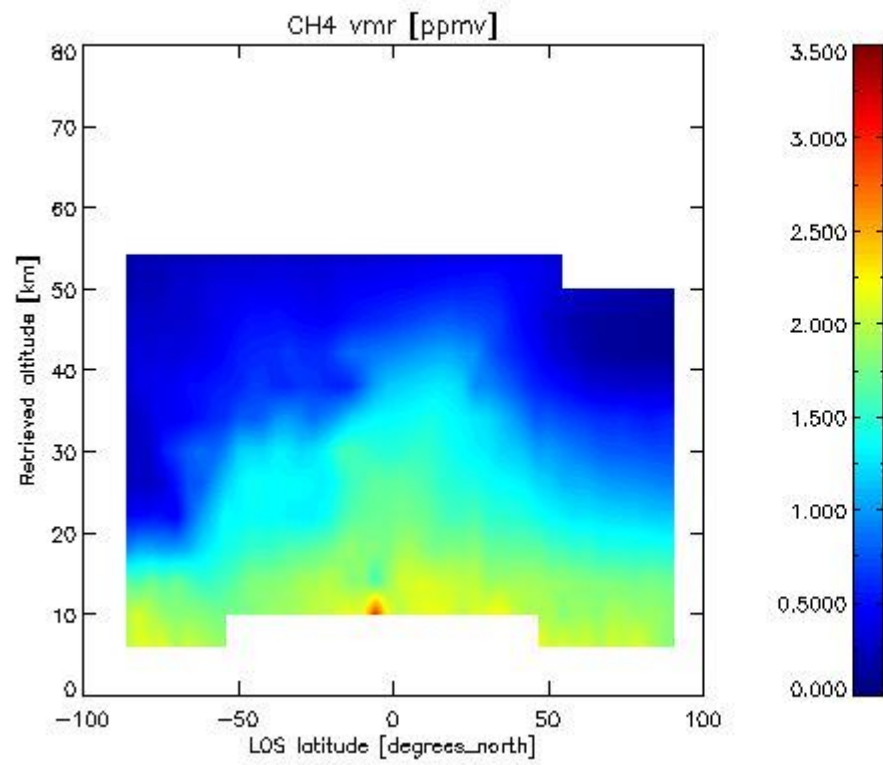
2.2.4.2 O₃ overview This section shows values (left) and error (right) for O₃ after binning individual sweep values over retrieved altitude and tangent latitude.



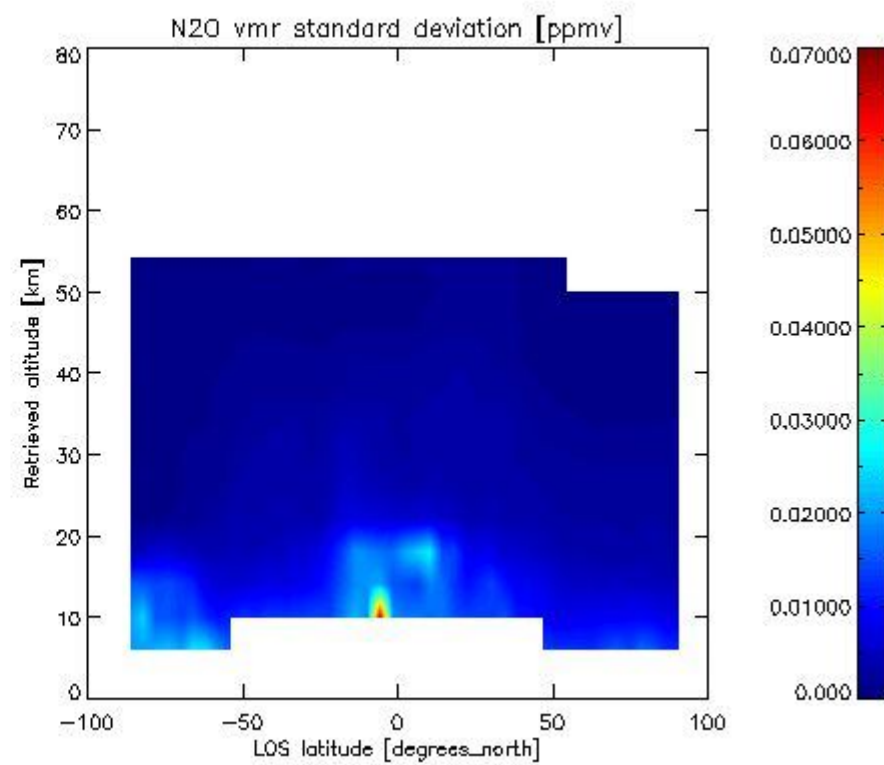
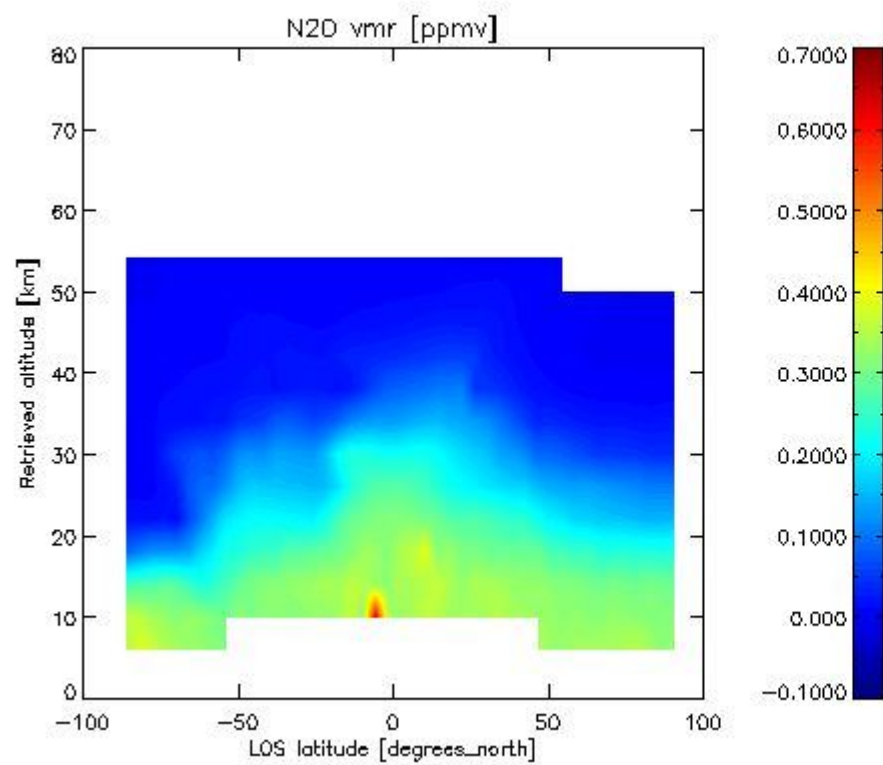
2.2.4.3 HNO₃ overview This section shows values (left) and error (right) for HNO₃ after binning individual sweep values over retrieved altitude and tangent latitude.



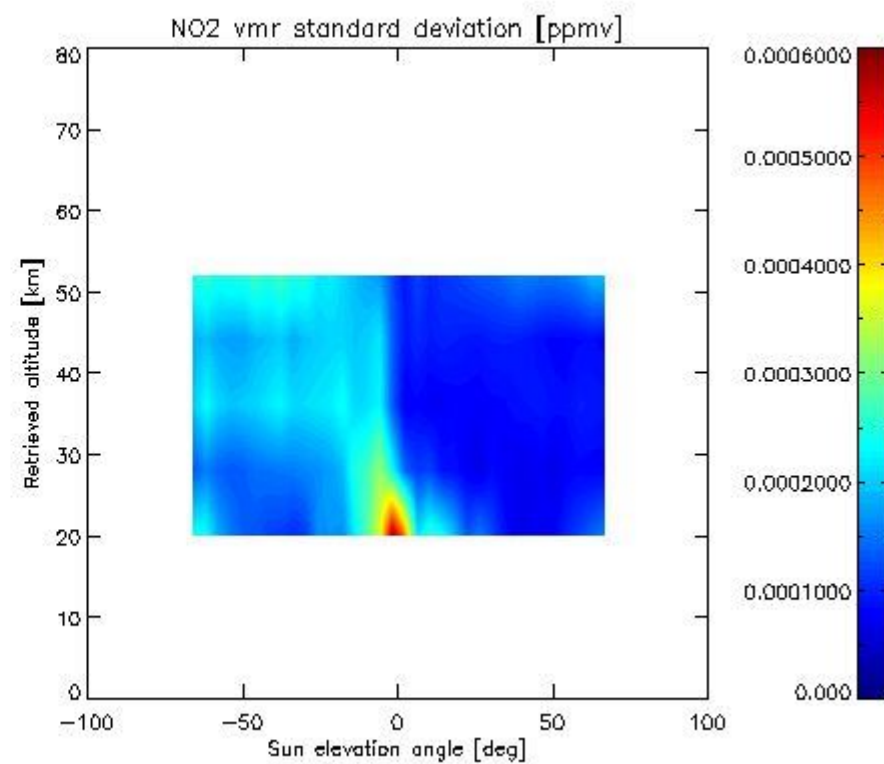
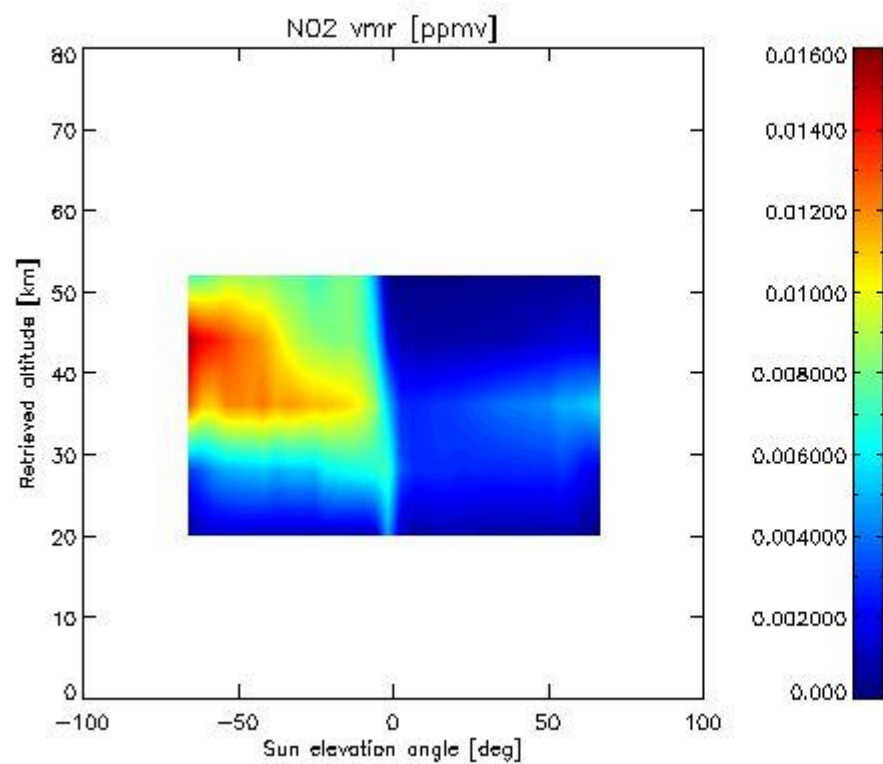
2.2.4.4 CH4 overview This section shows values (left) and error (right) for CH4 after binning individual sweep values over retrieved altitude and tangent latitude.



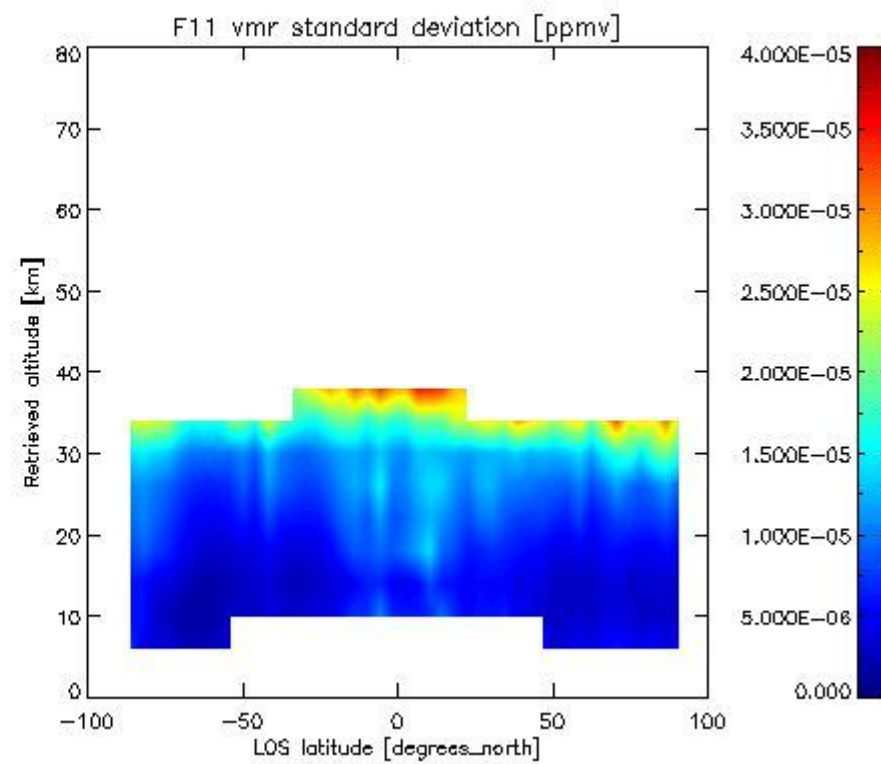
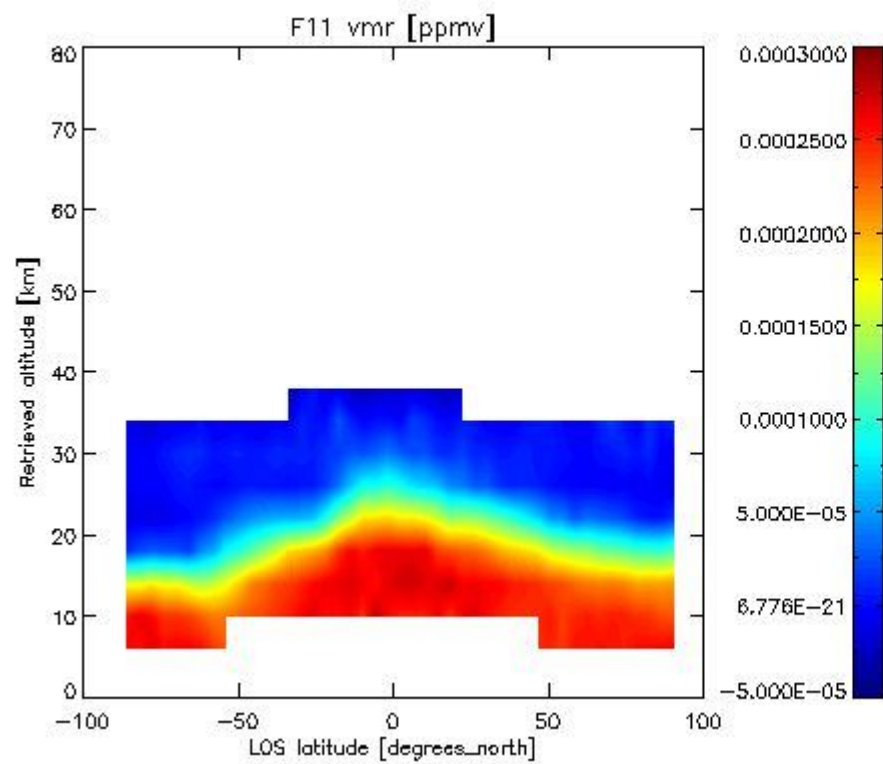
2.2.4.5 N2O overview This section shows values (left) and error (right) for N2O after binning individual sweep values over retrieved altitude and tangent latitude.



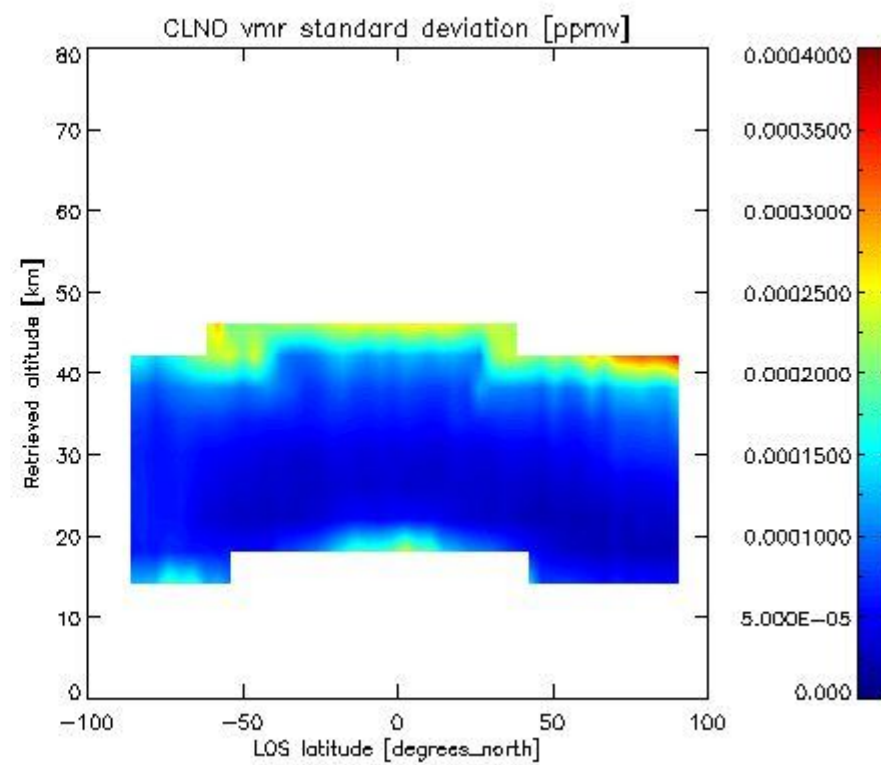
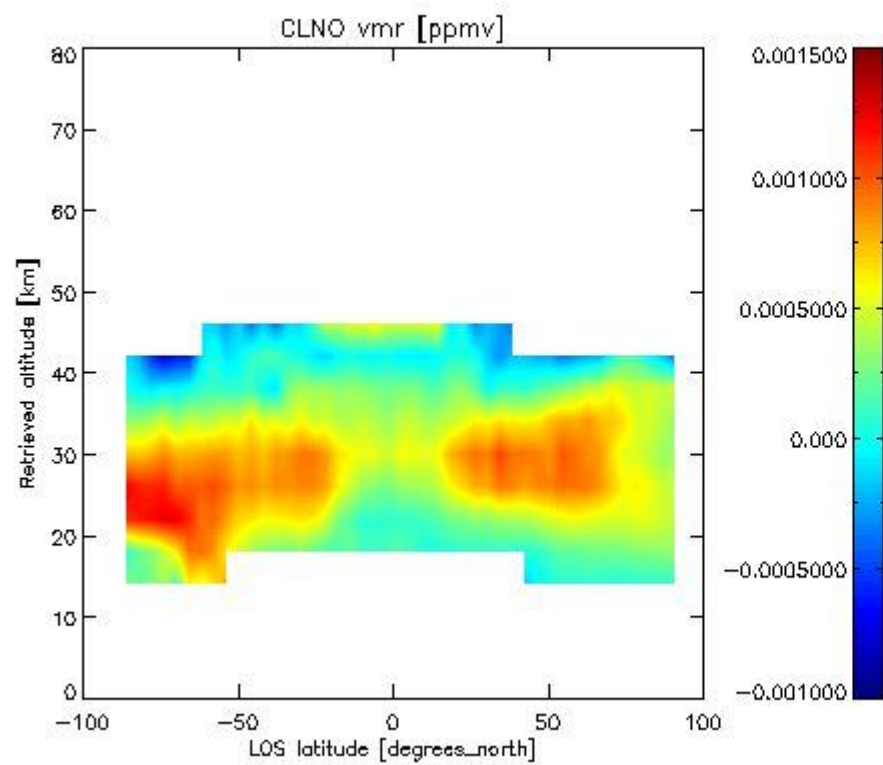
2.2.4.6 NO₂ overview This section shows values (left) and error (right) for NO₂ after binning individual sweep values over retrieved altitude and Sun Elevation Angle. Note that for NO₂ the bin heights are 6 km.

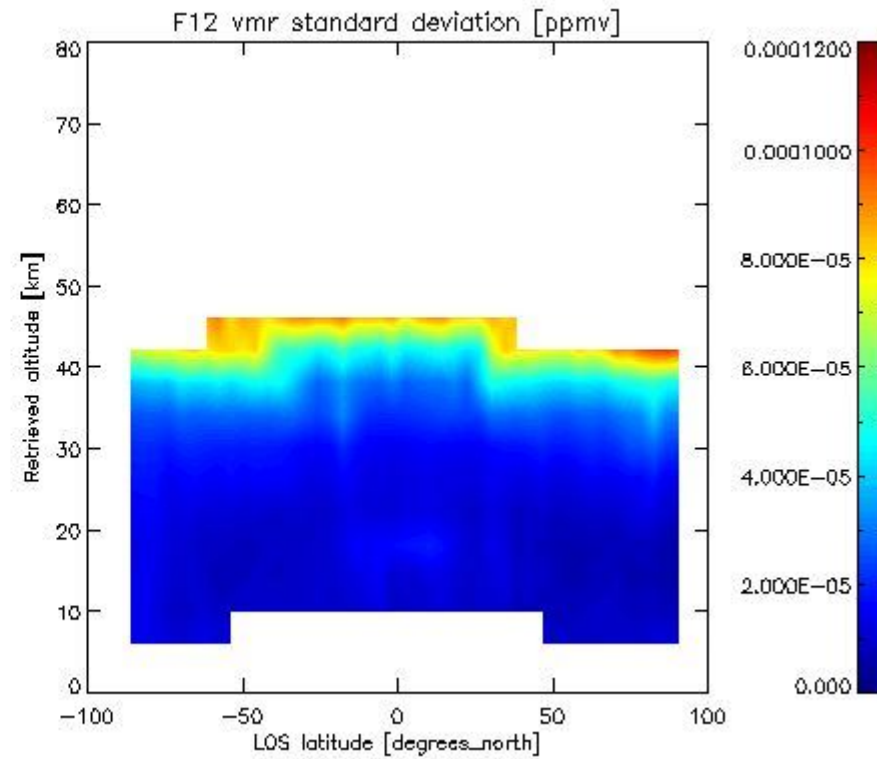
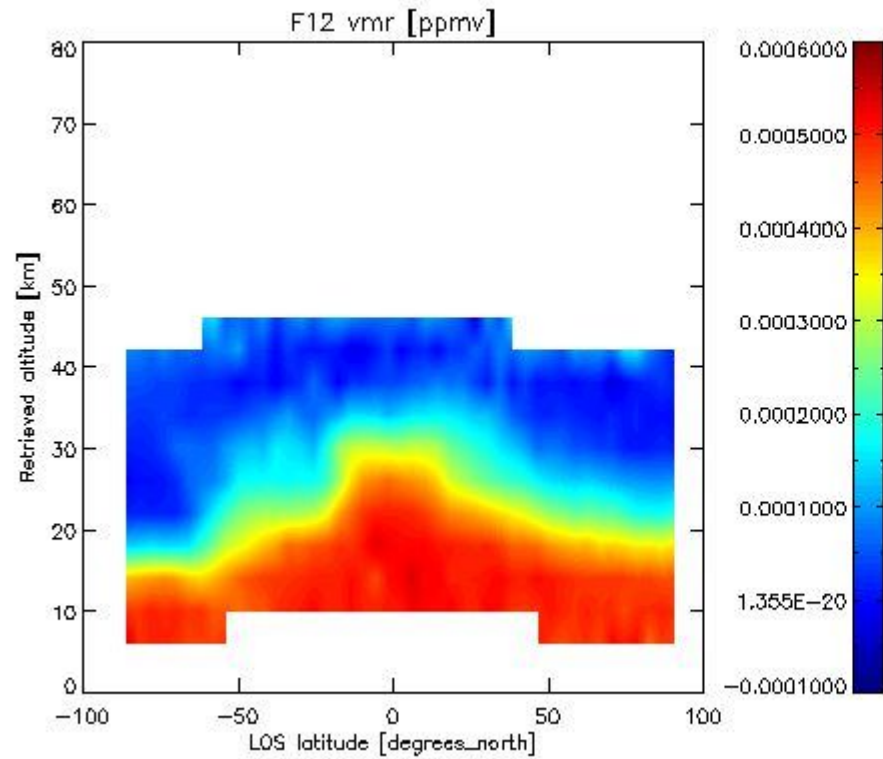
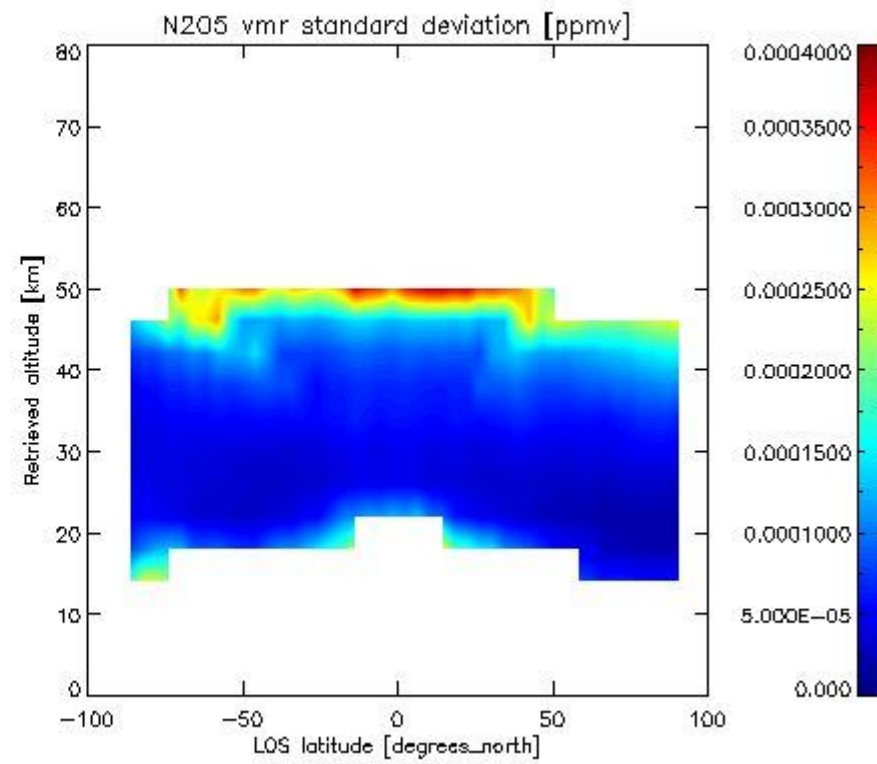
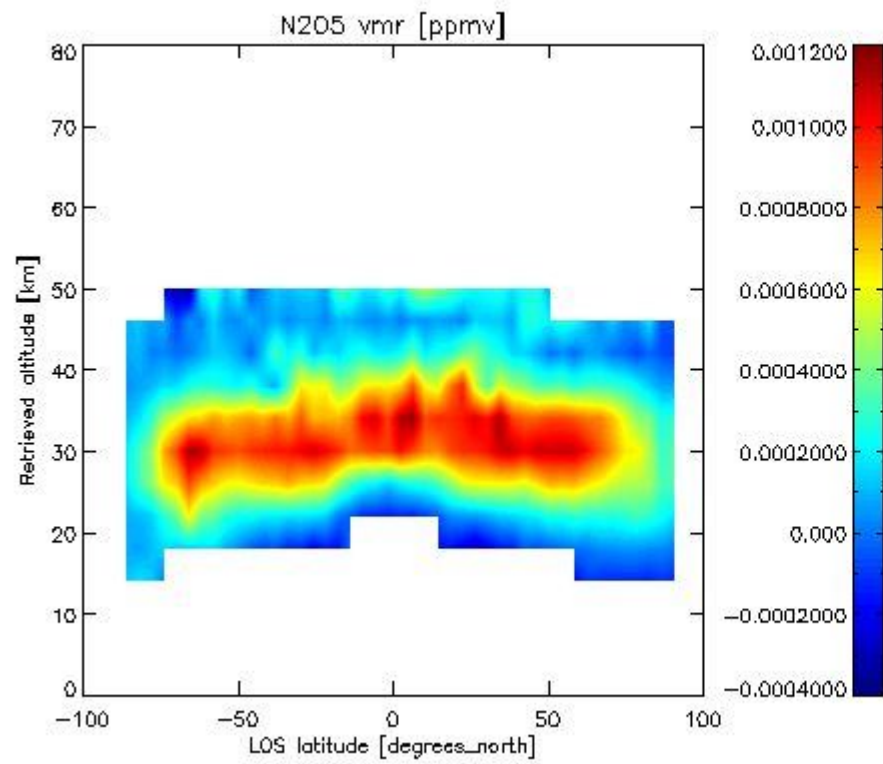


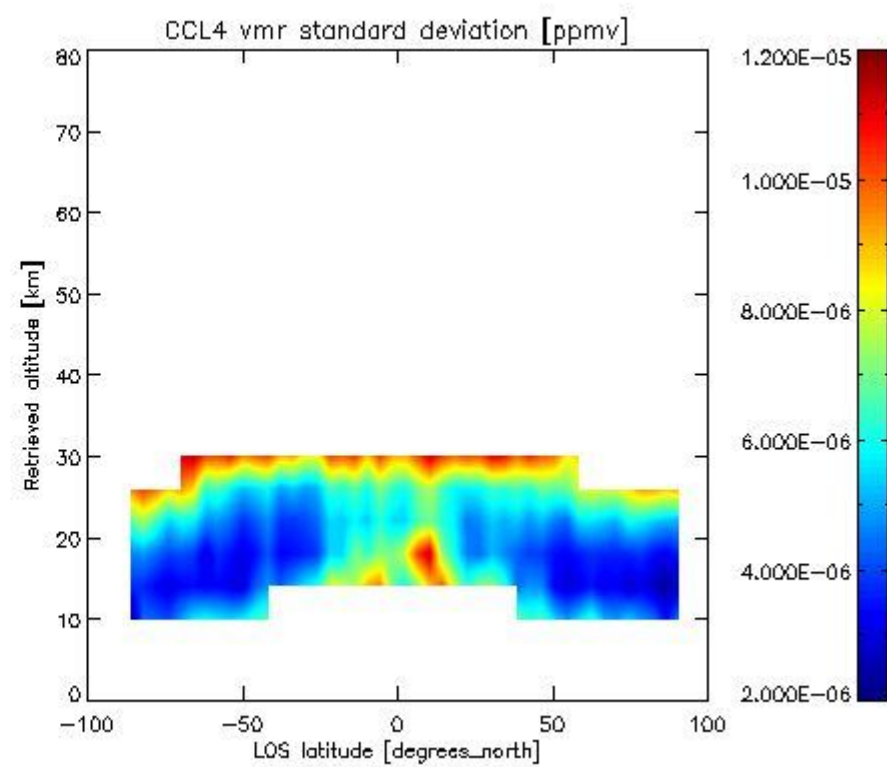
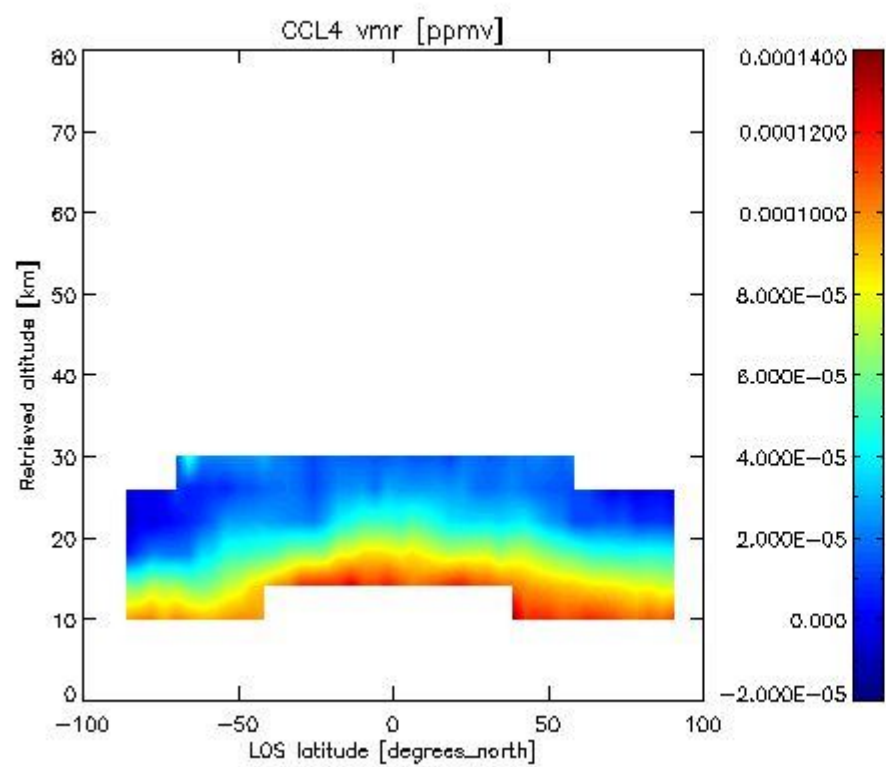
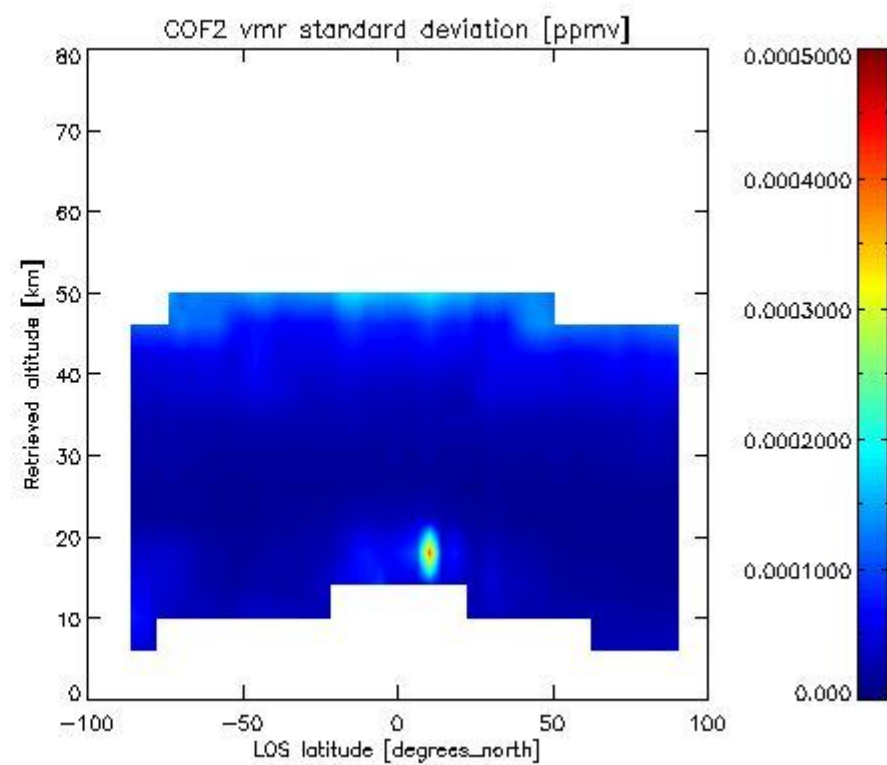
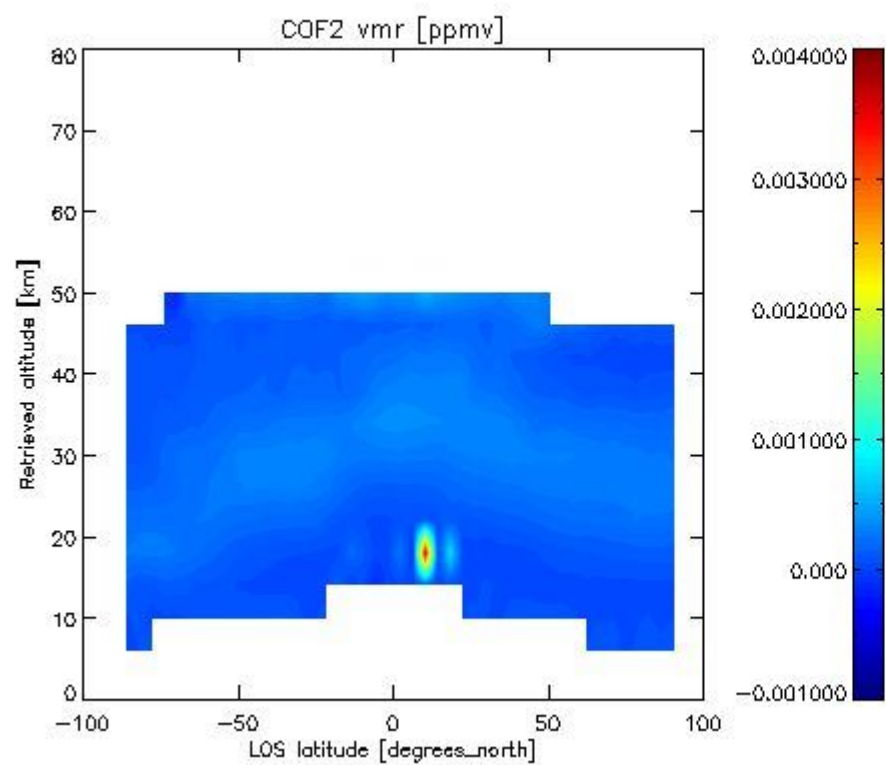
2.2.4.7 F11 overview This section shows values (left) and error (right) for F11 after binning individual sweep values over retrieved altitude and tangent latitude.

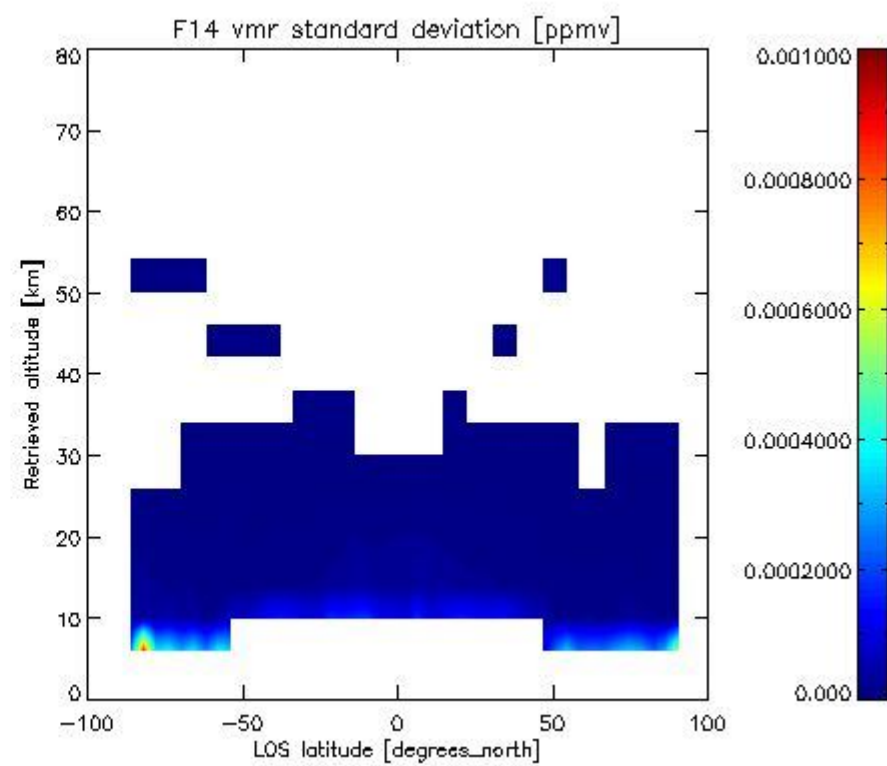
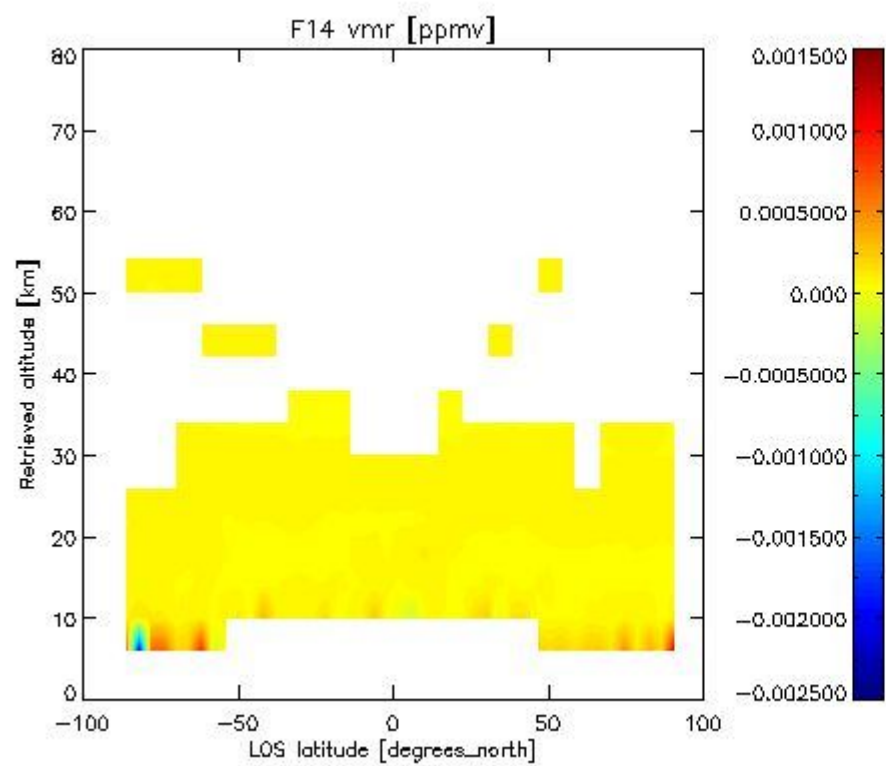
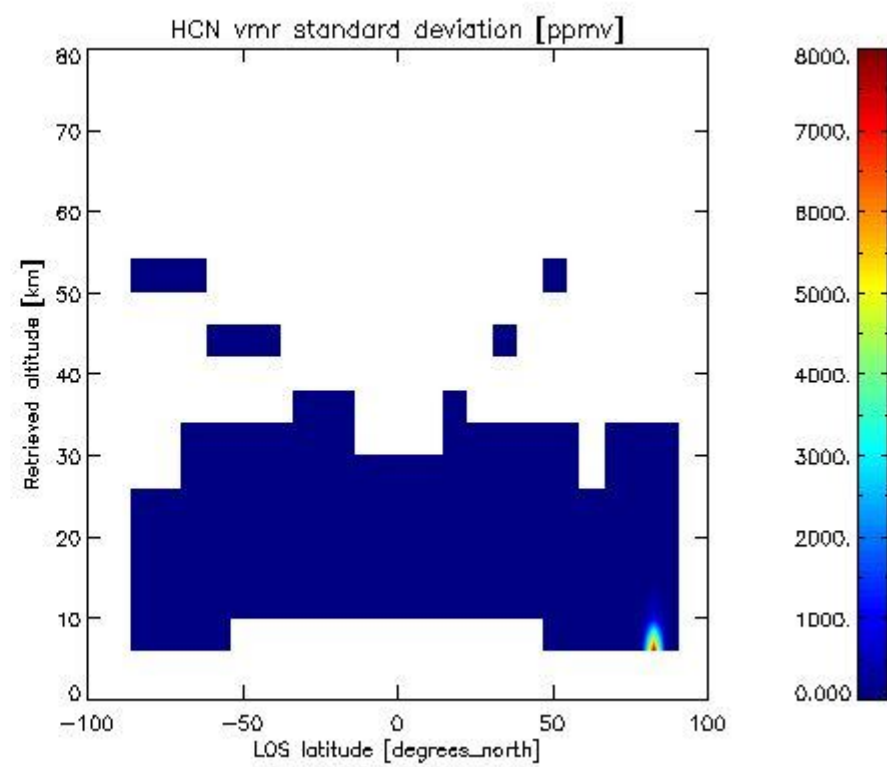
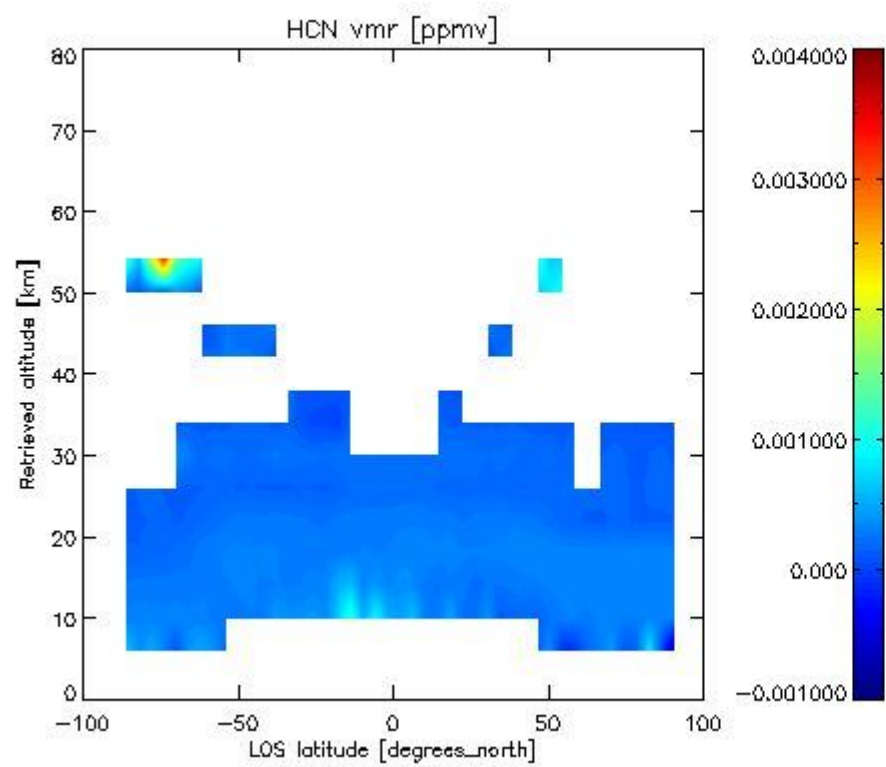


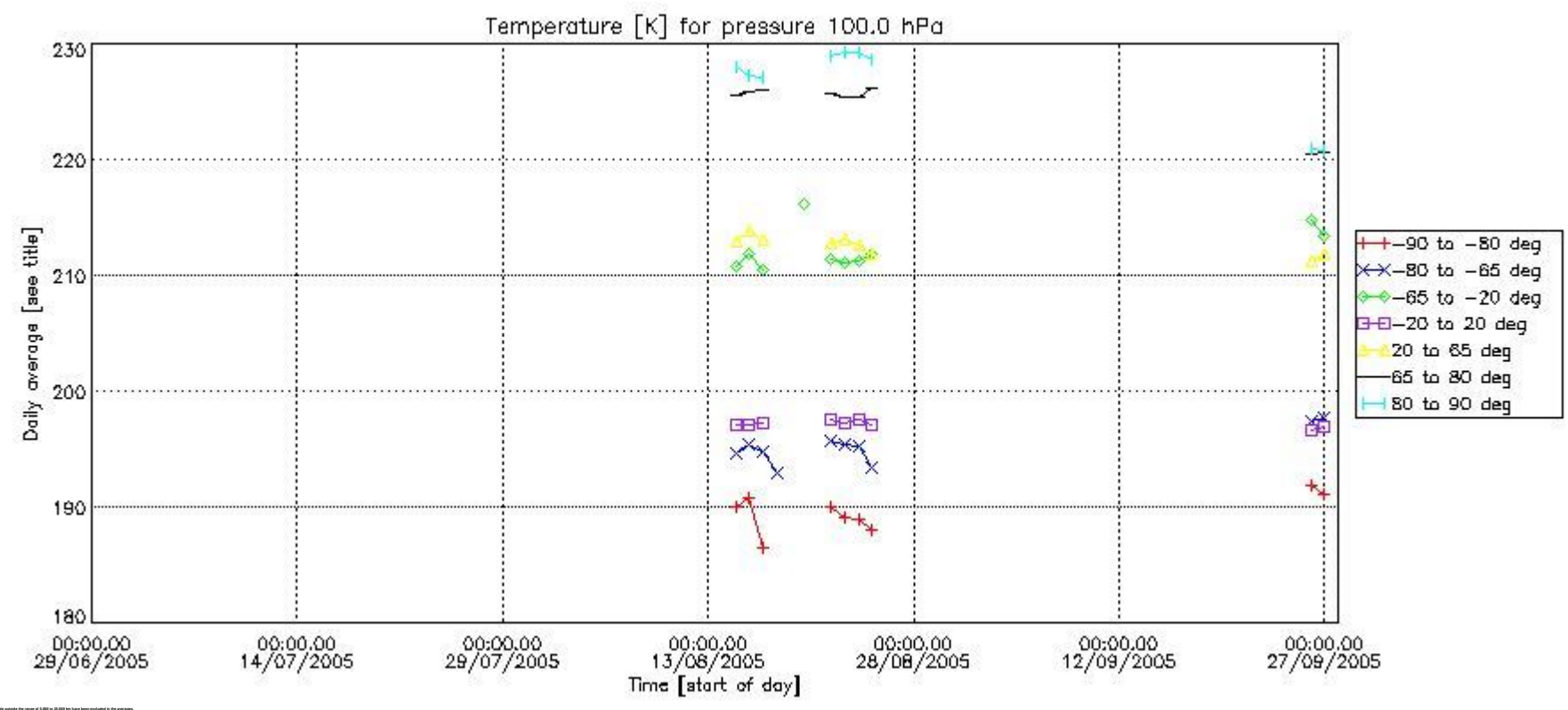
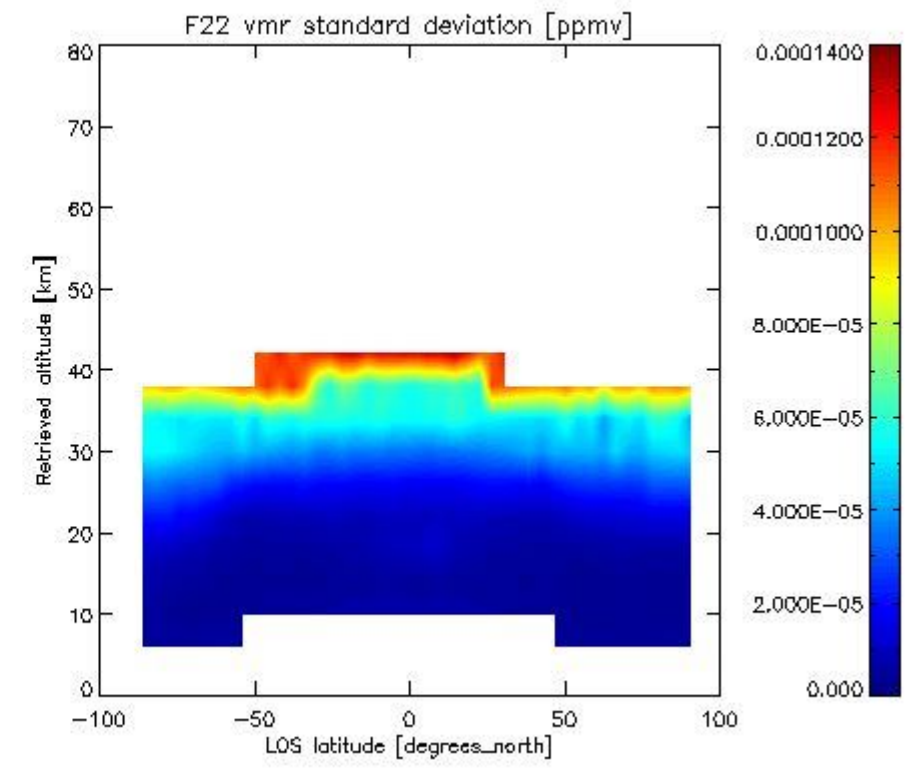
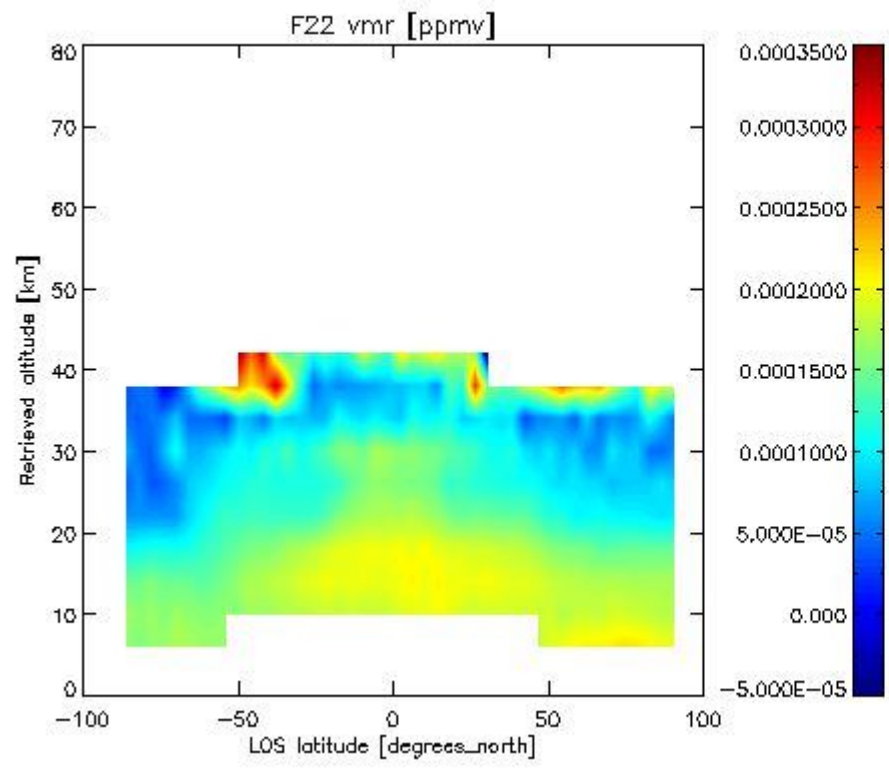
2.3.4.4 CLNO vmr: This section shows values (left) and error (right) for CLNO after binning individual vmr values over retrieved altitude and target latitude.

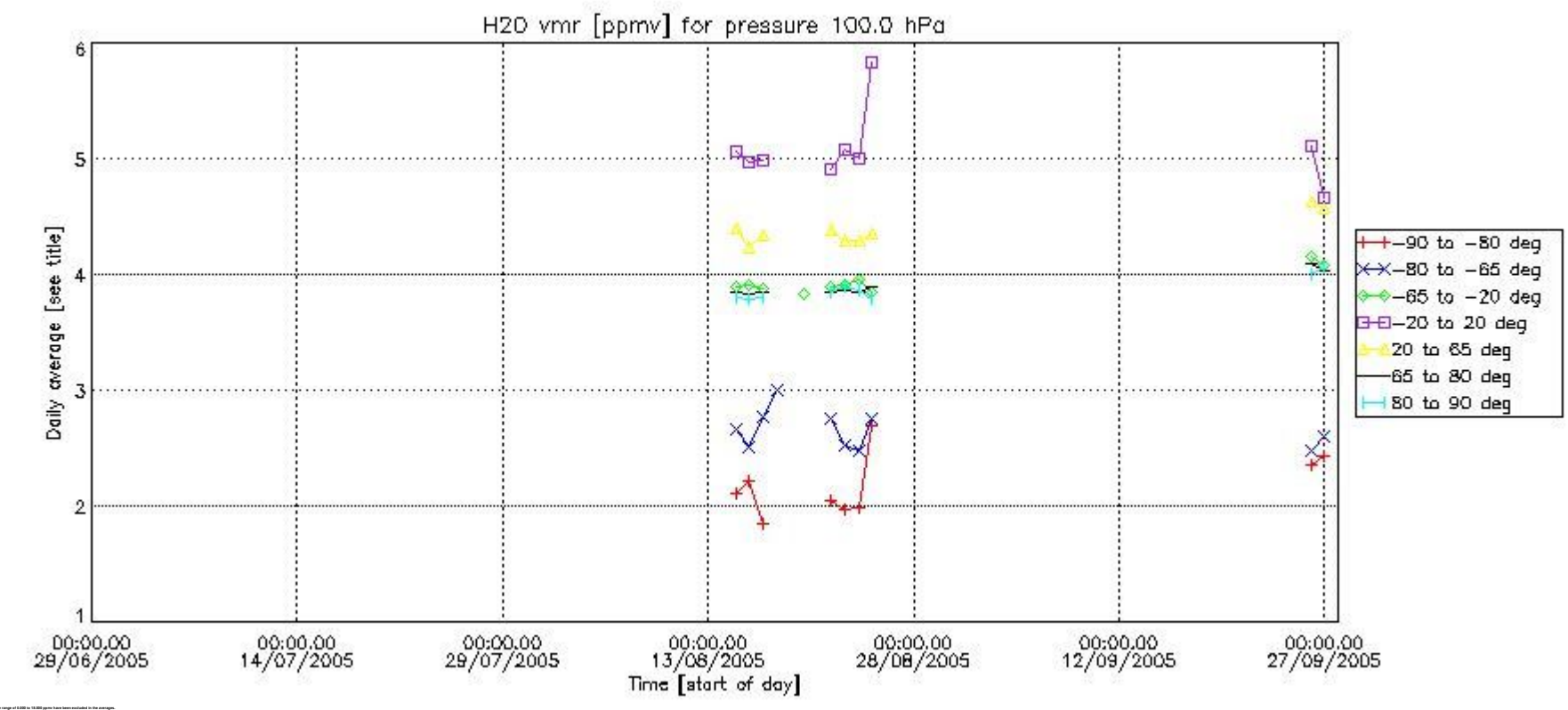
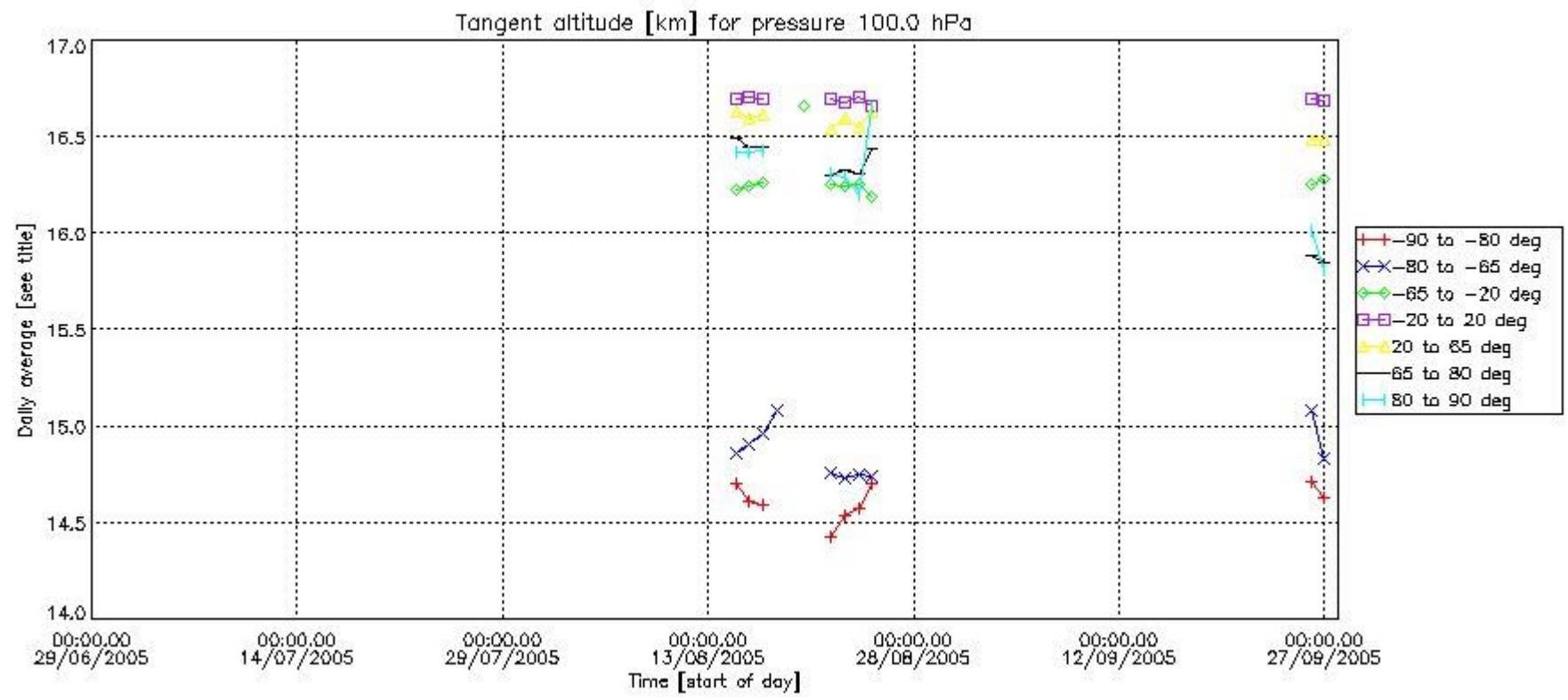


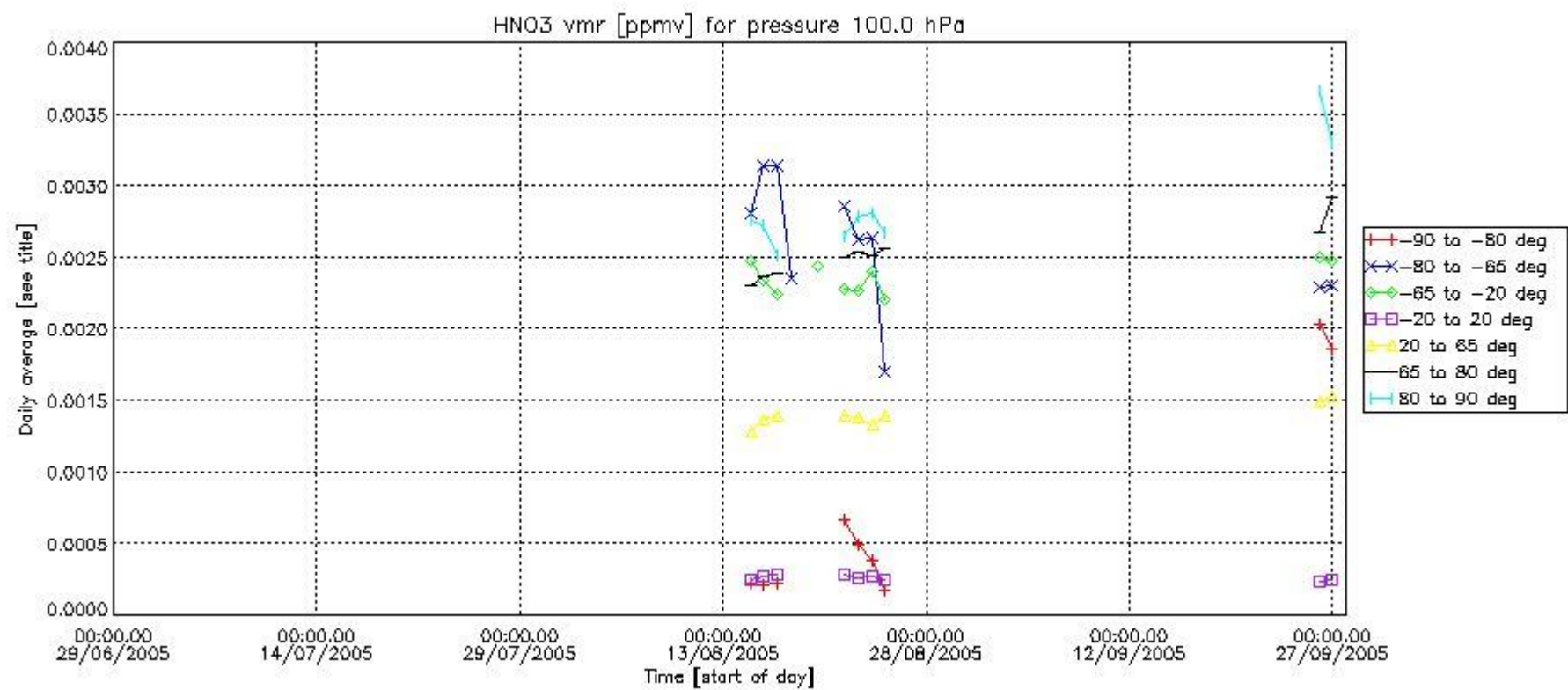
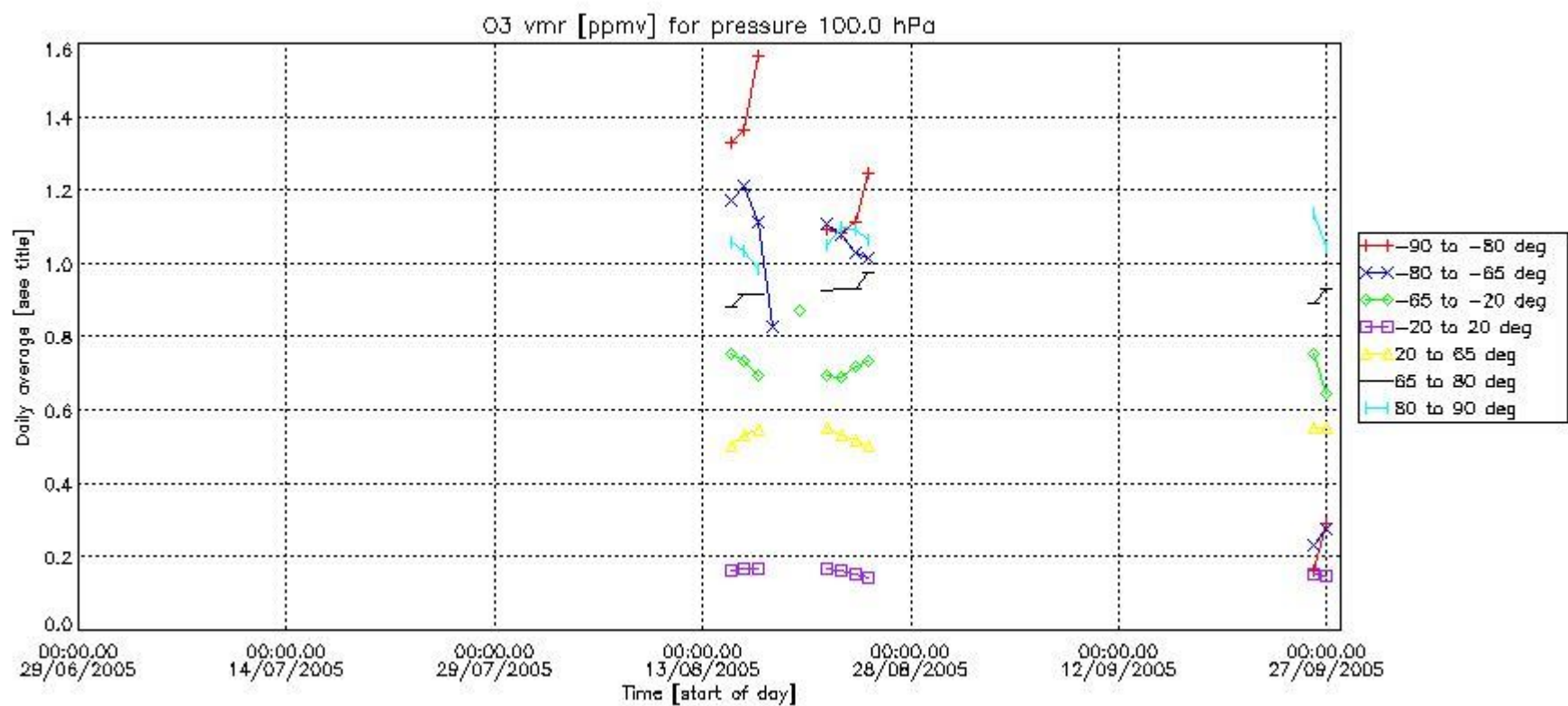


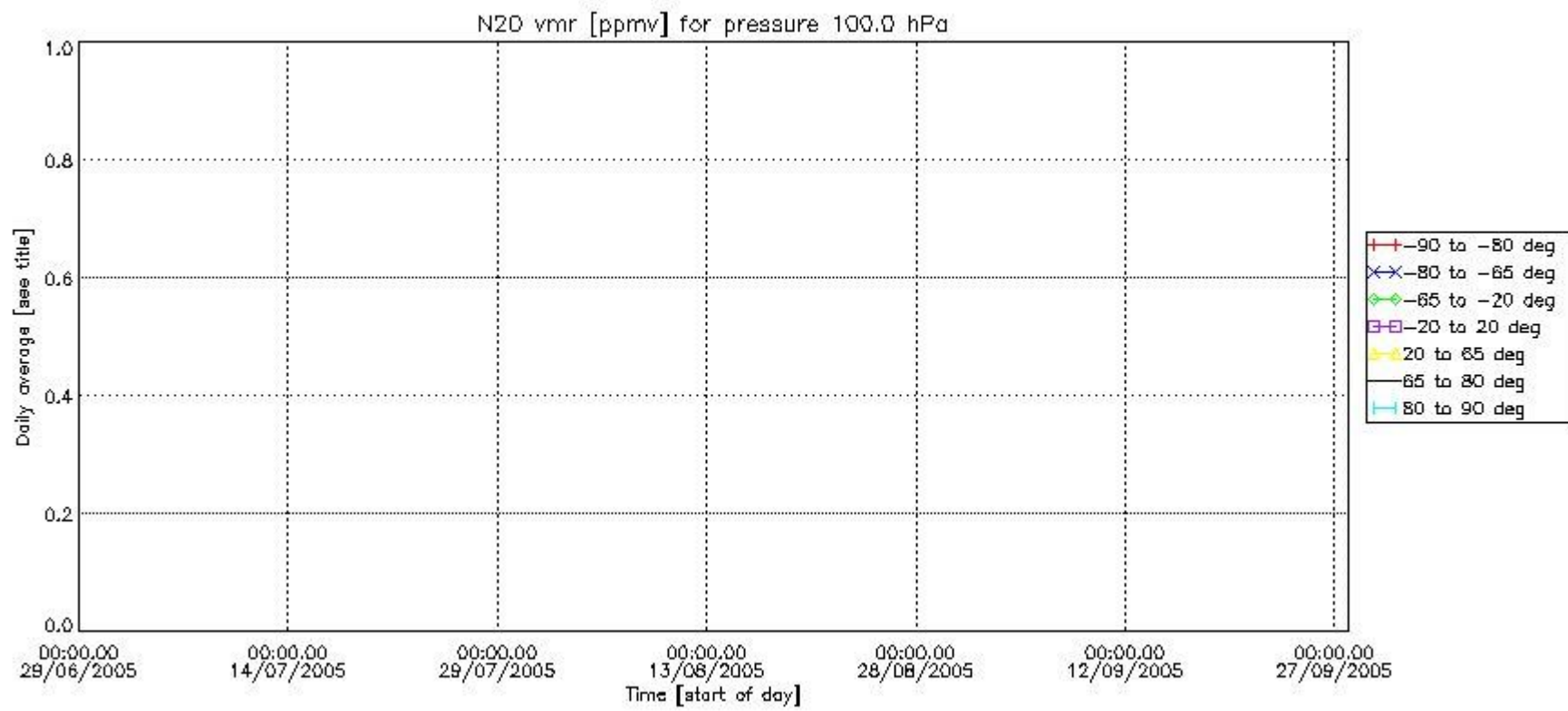
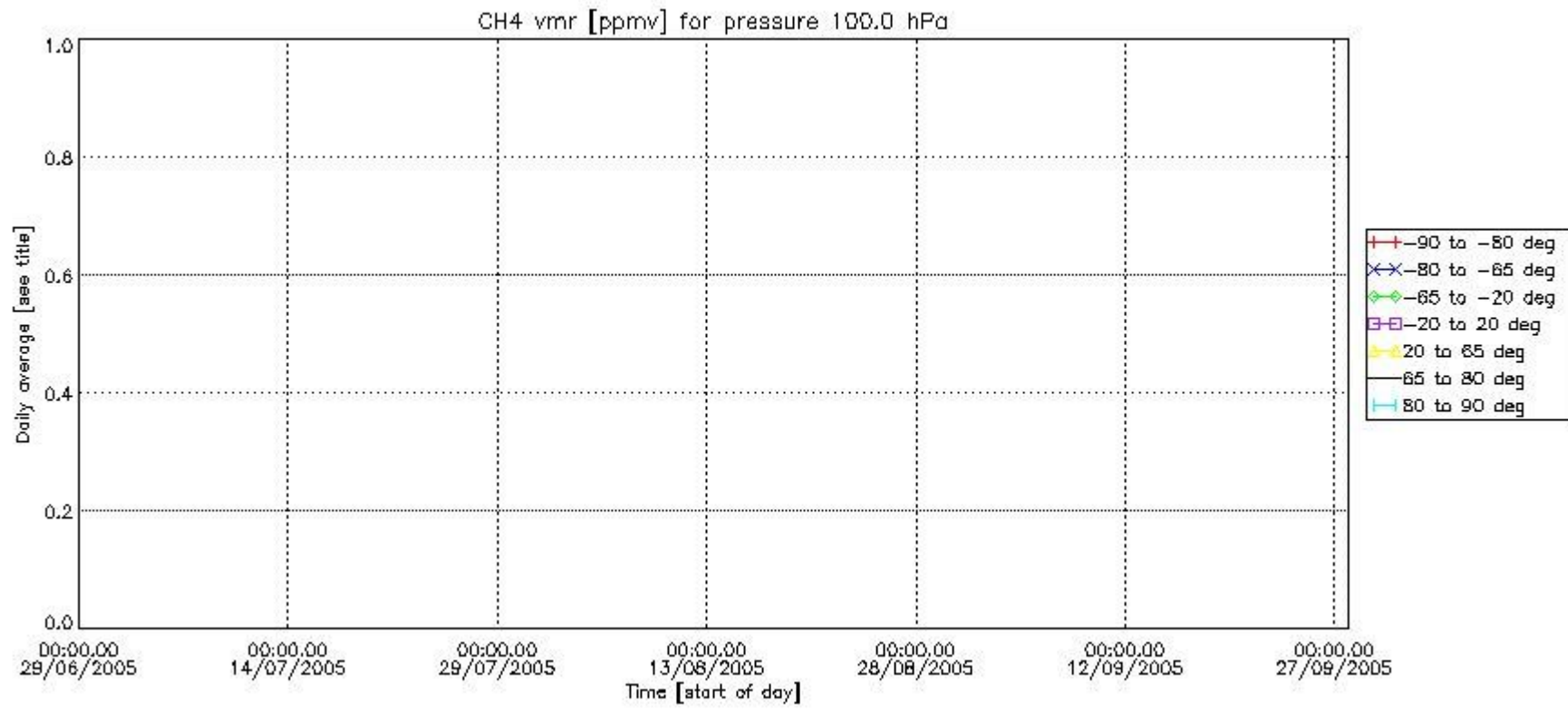


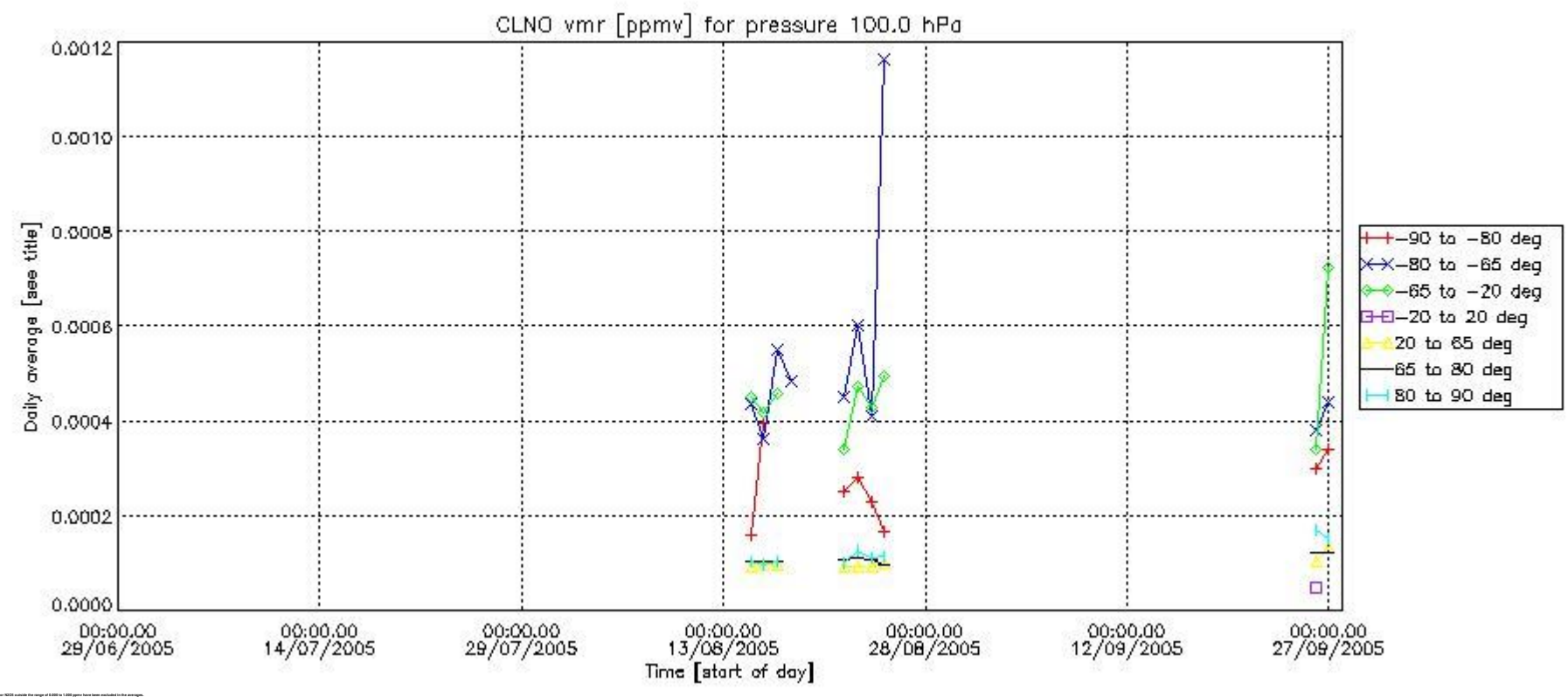
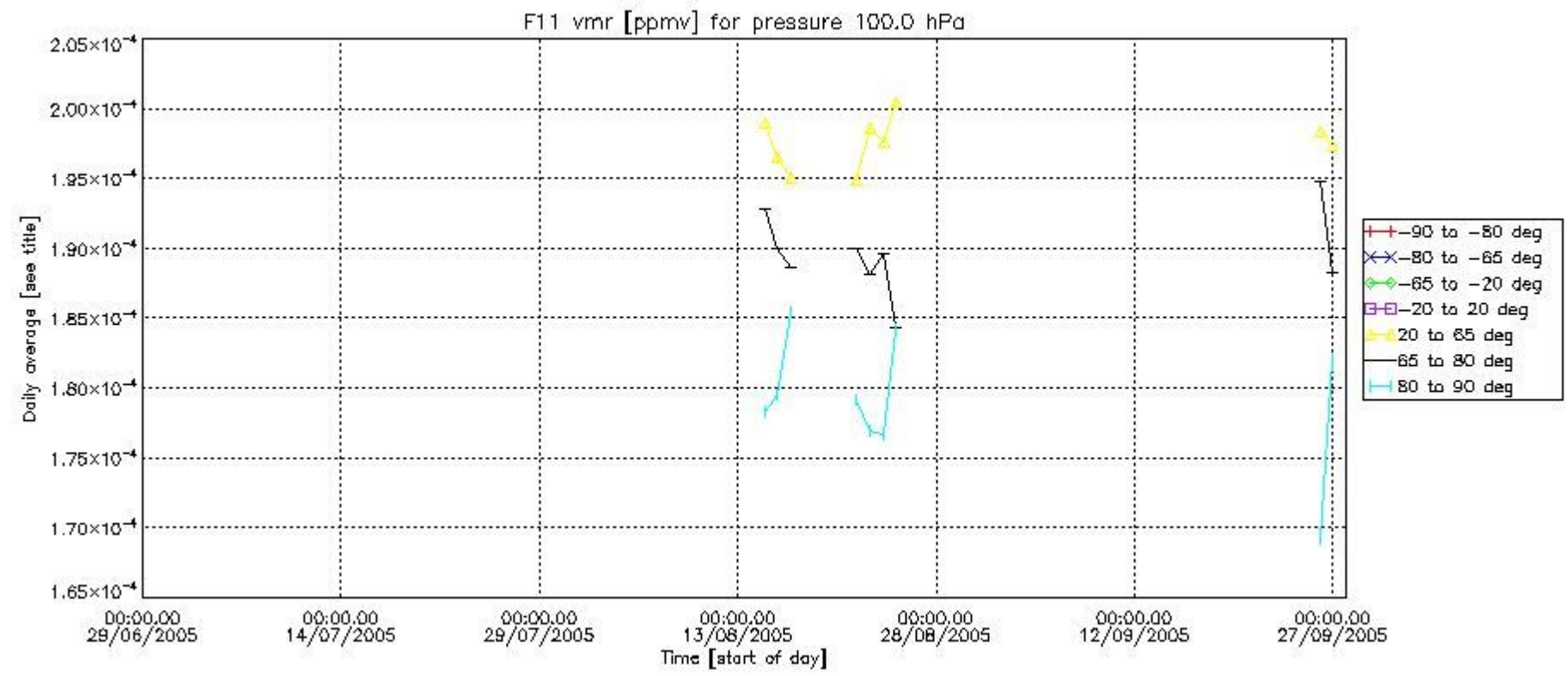


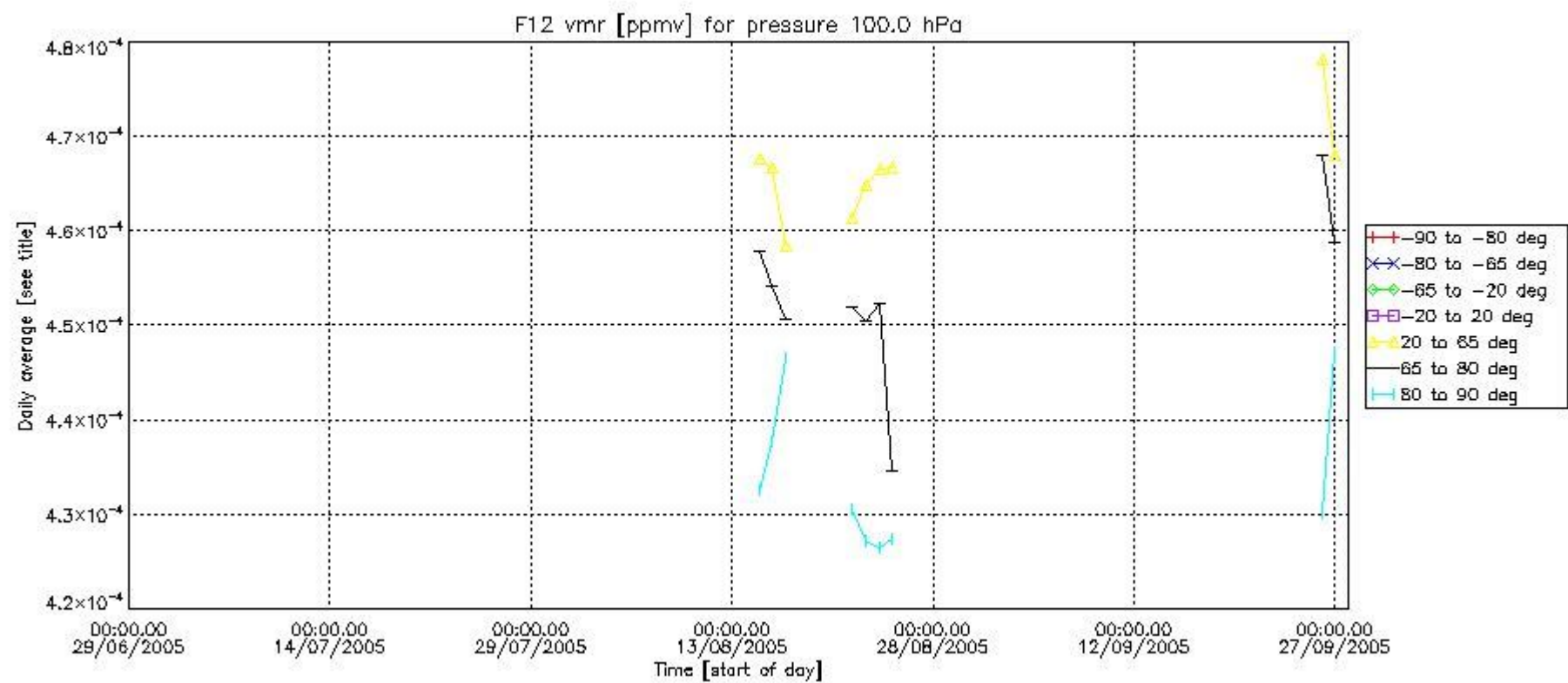
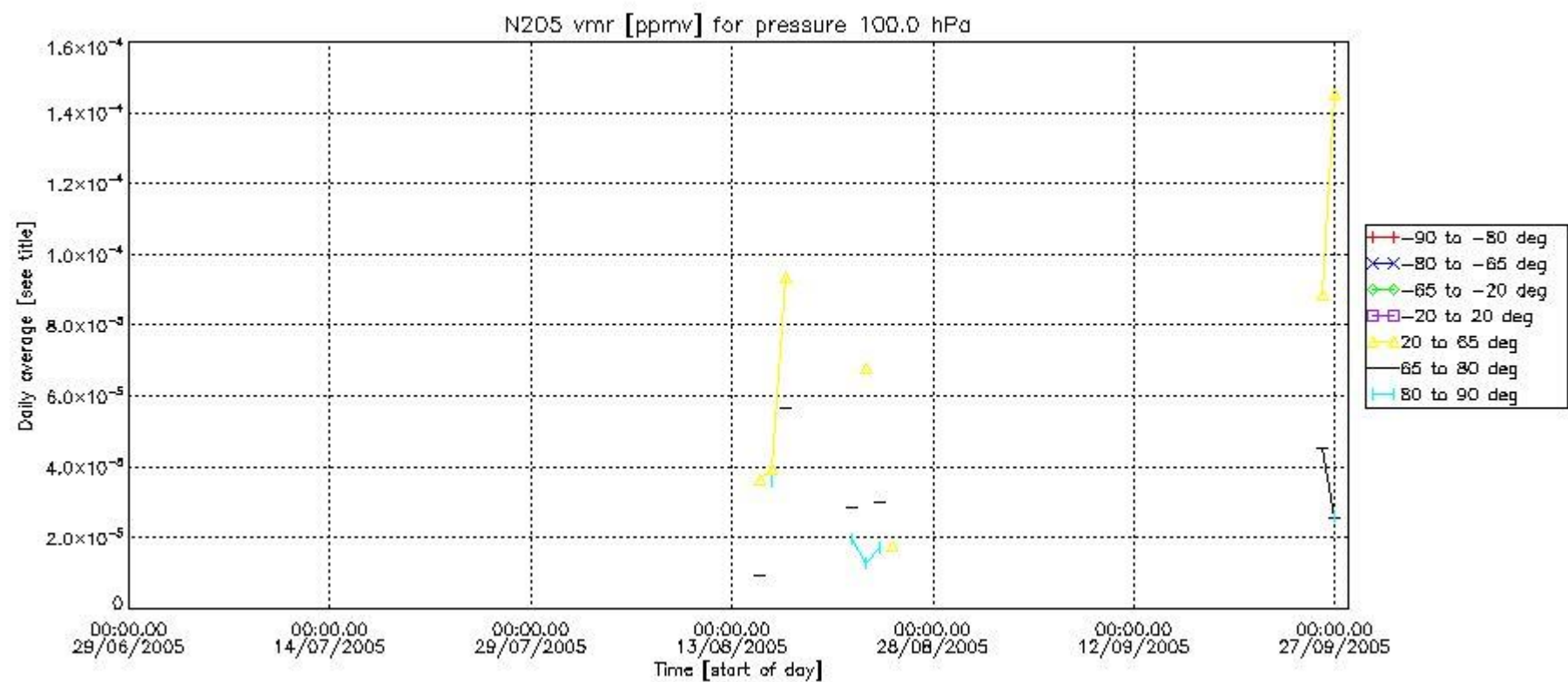


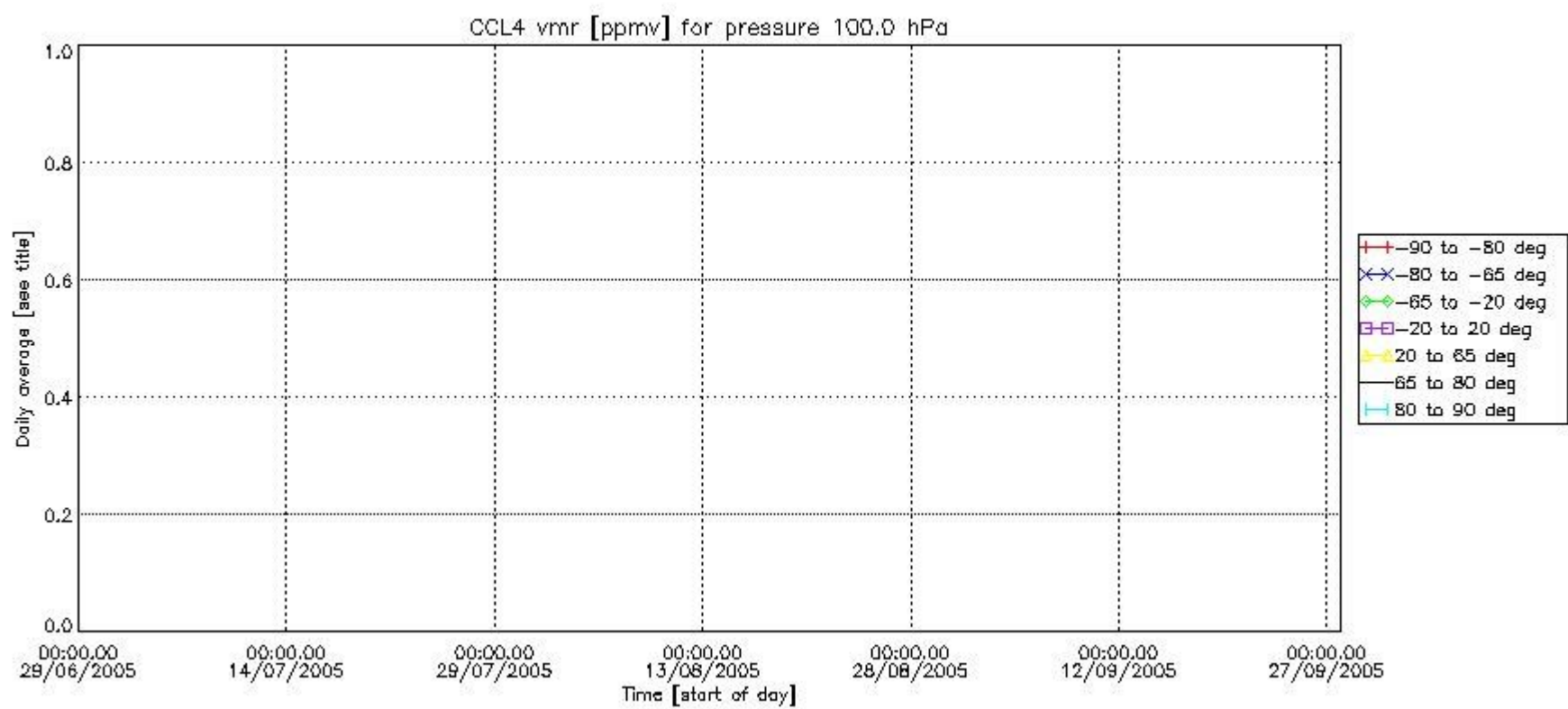
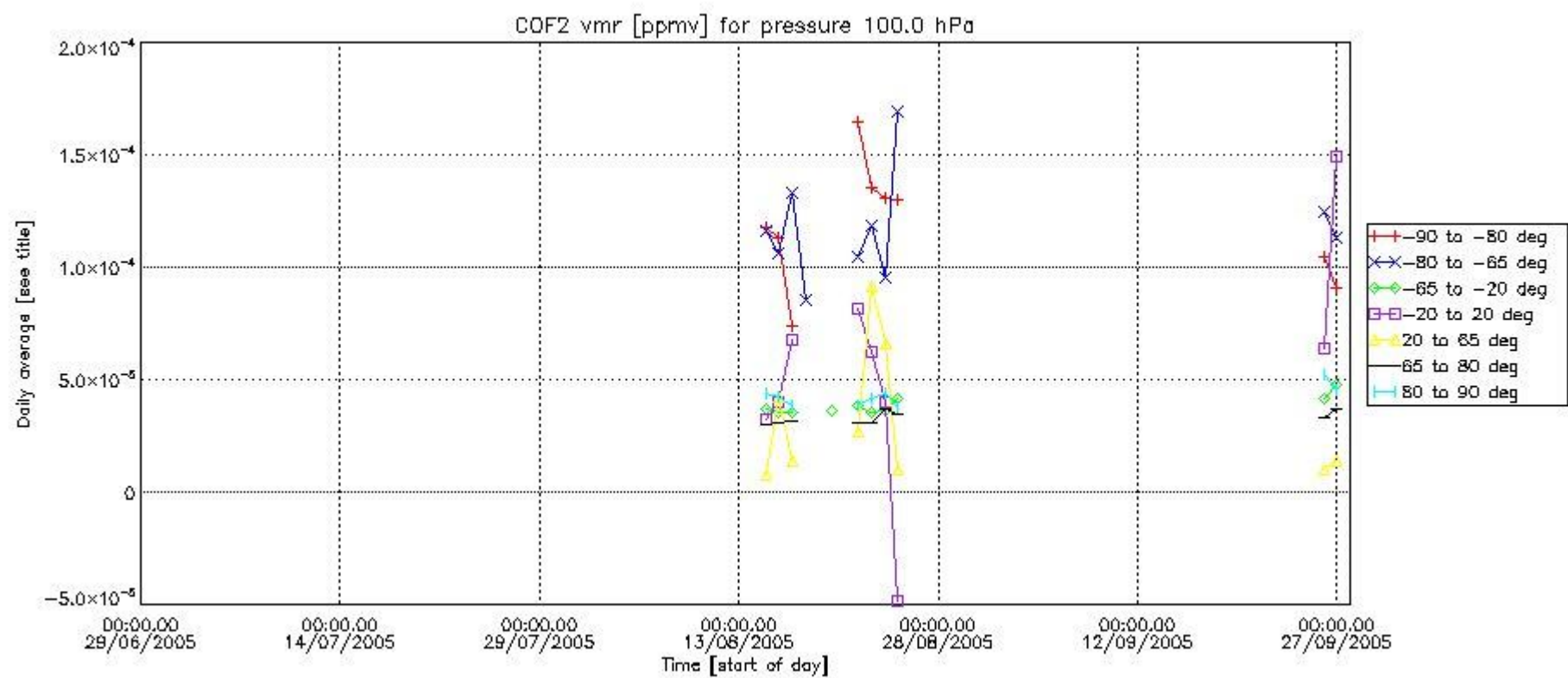


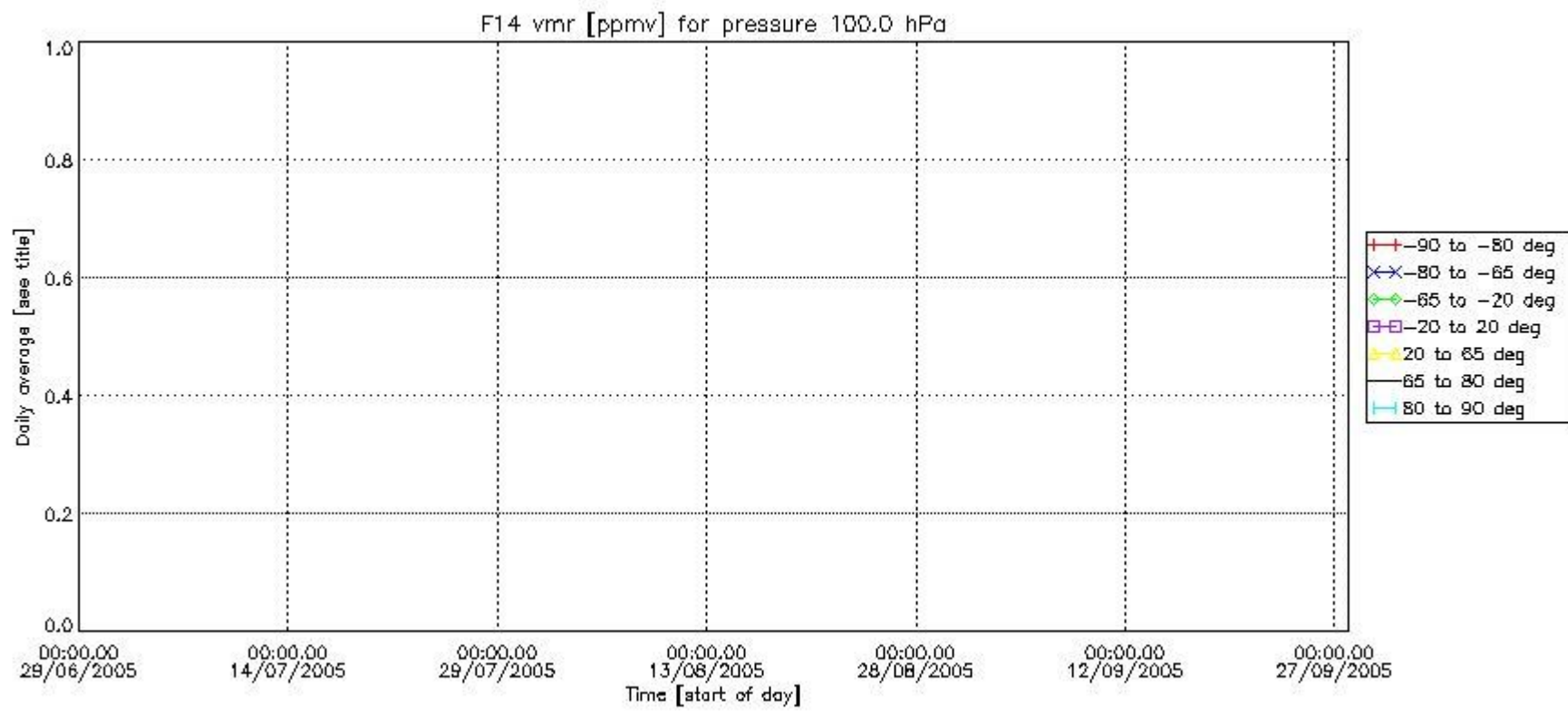
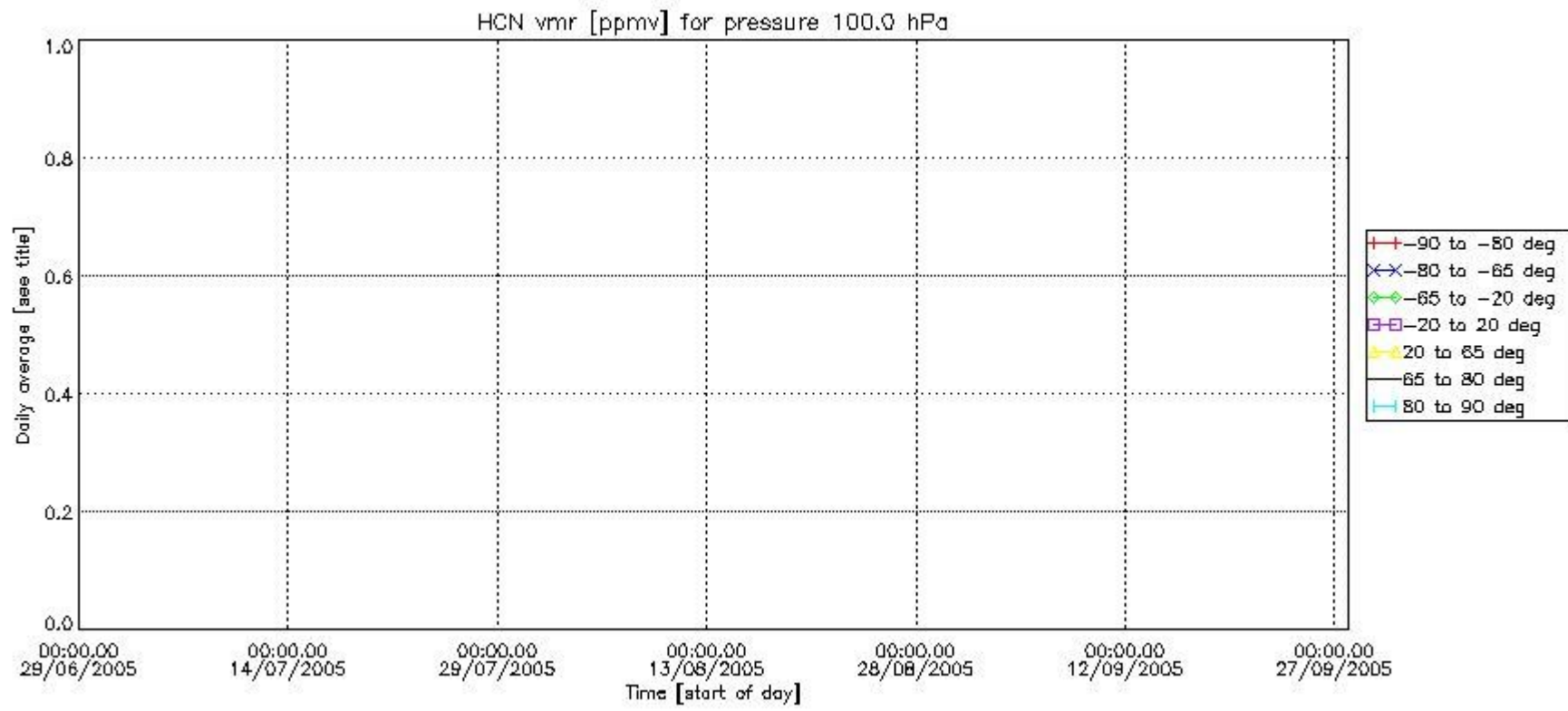


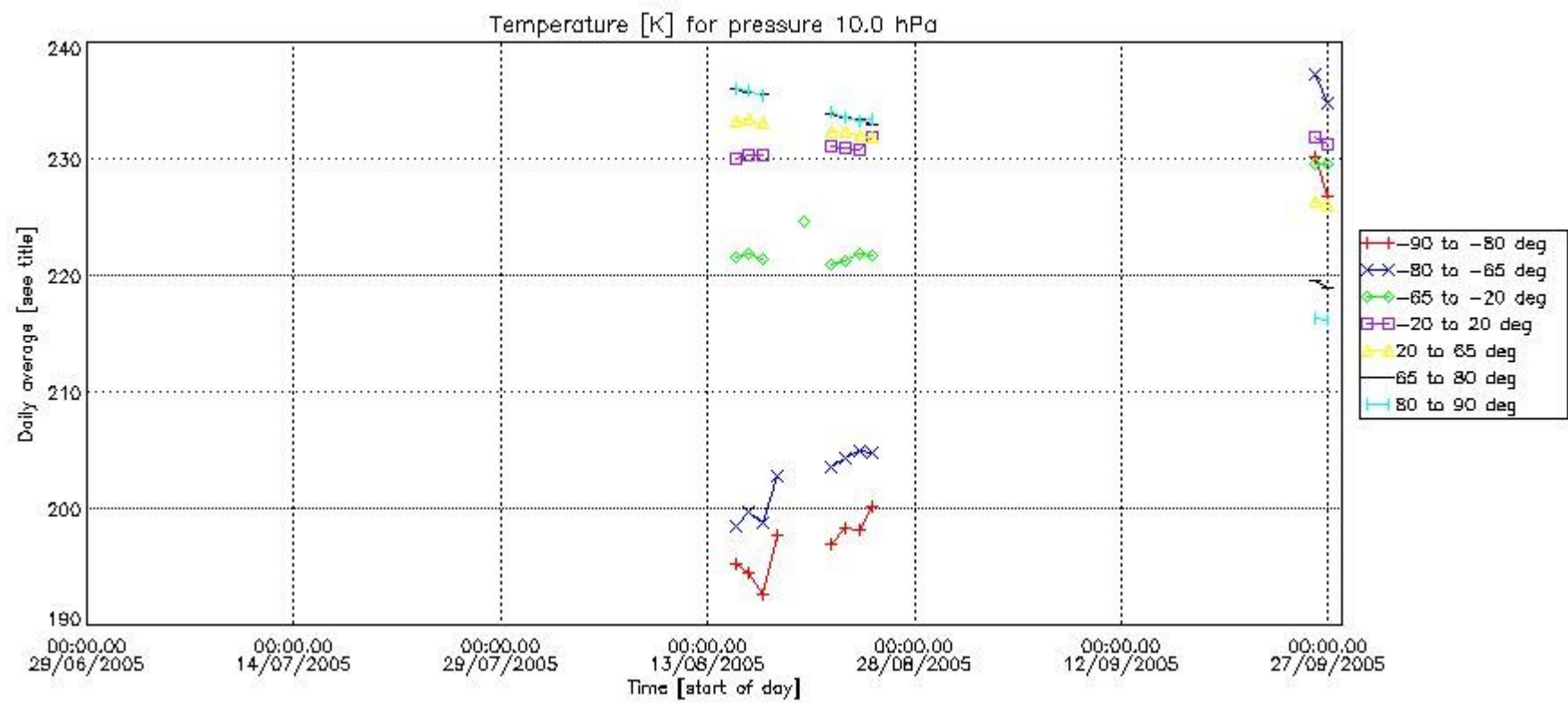
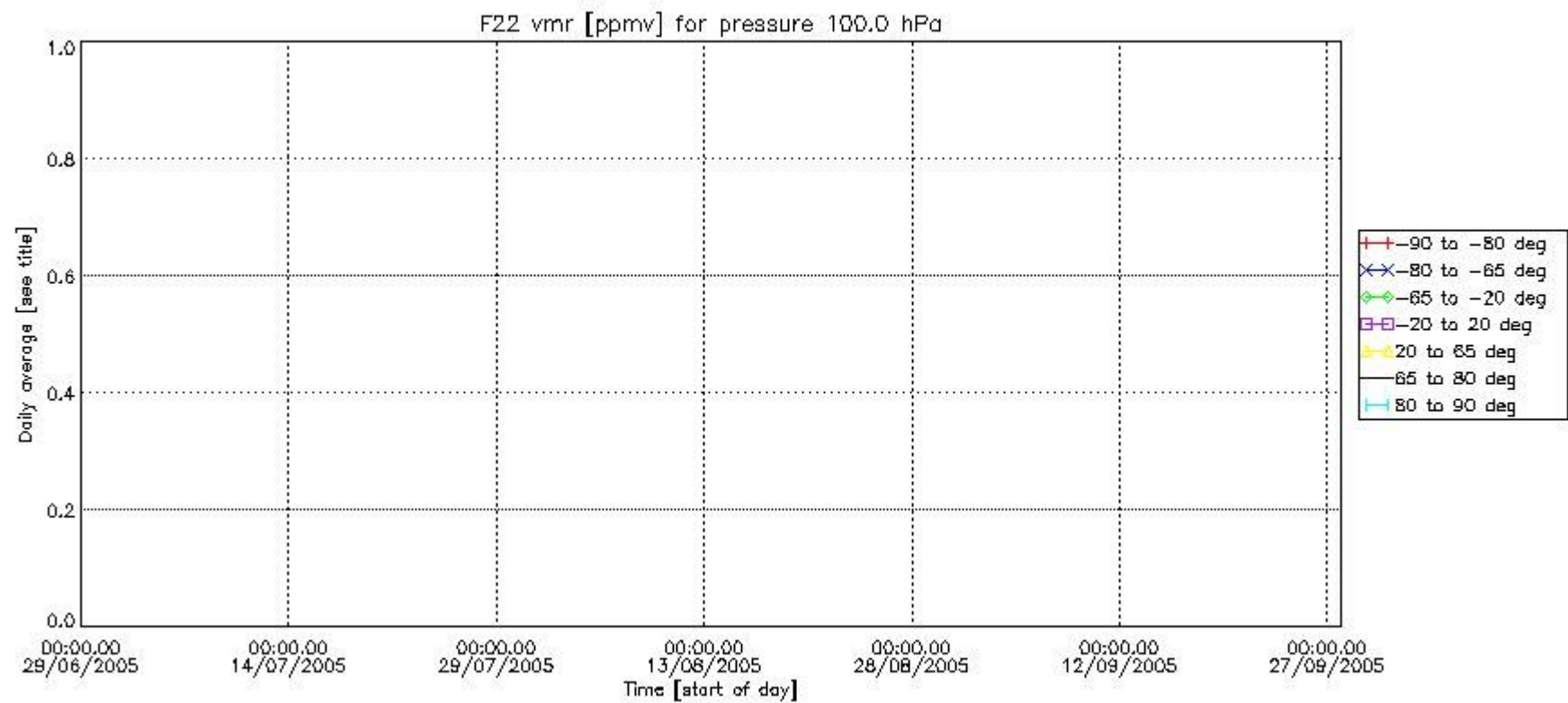


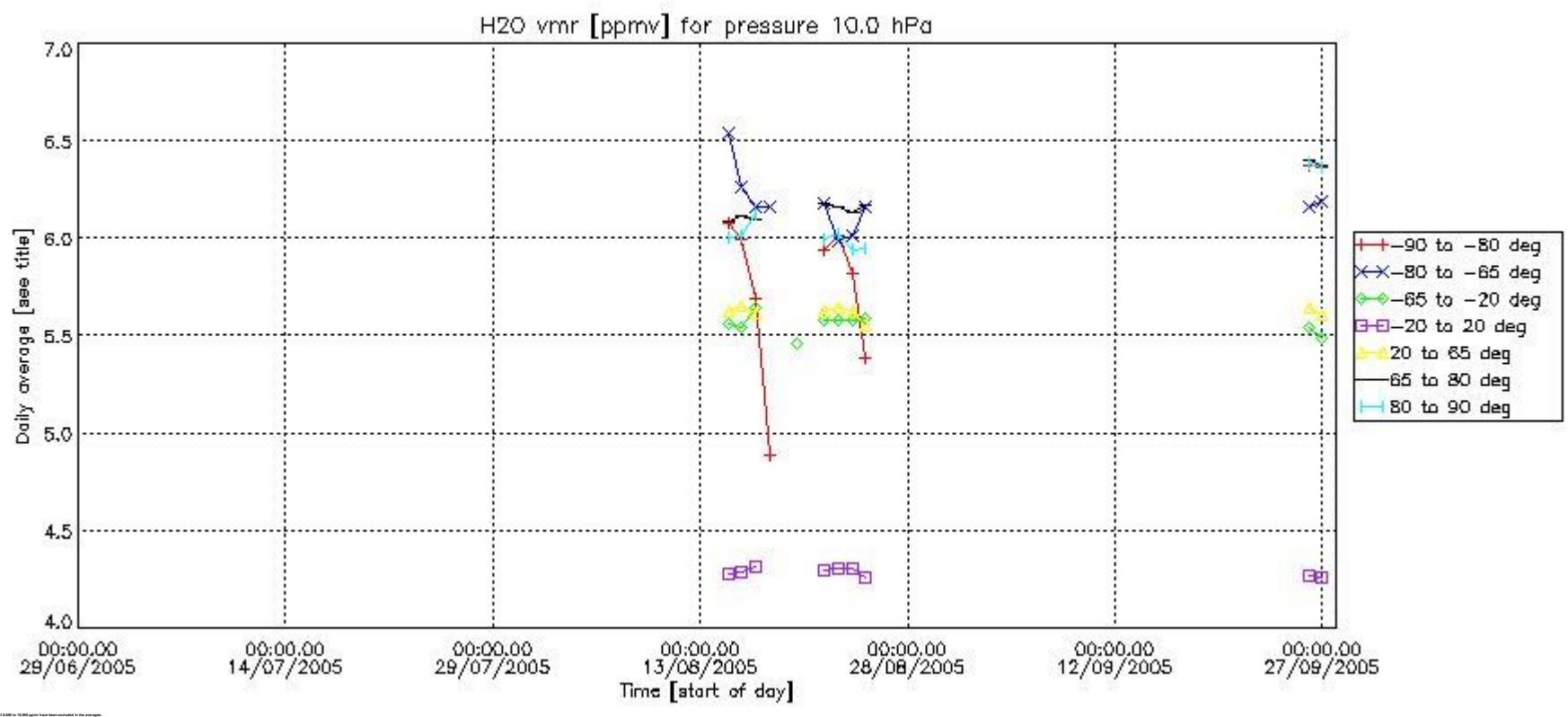
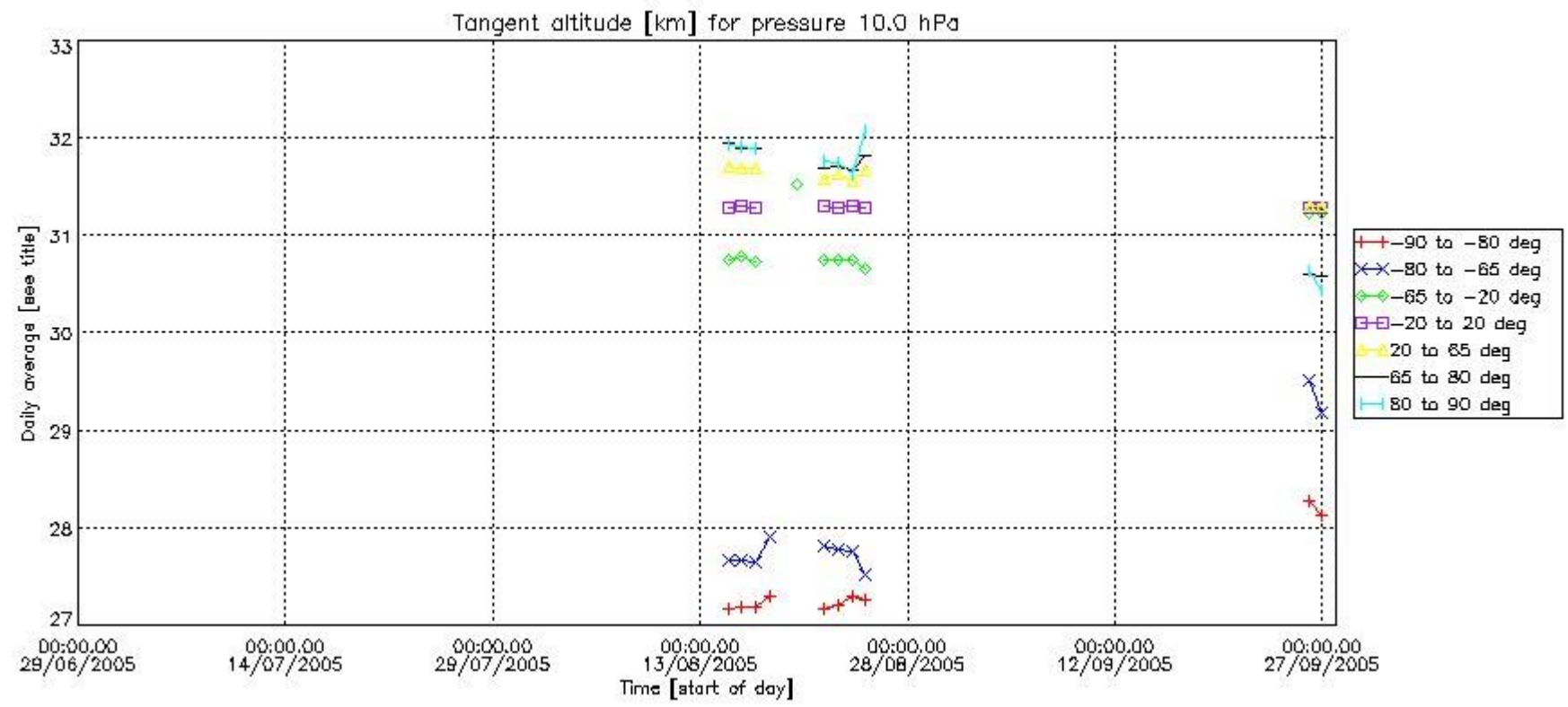


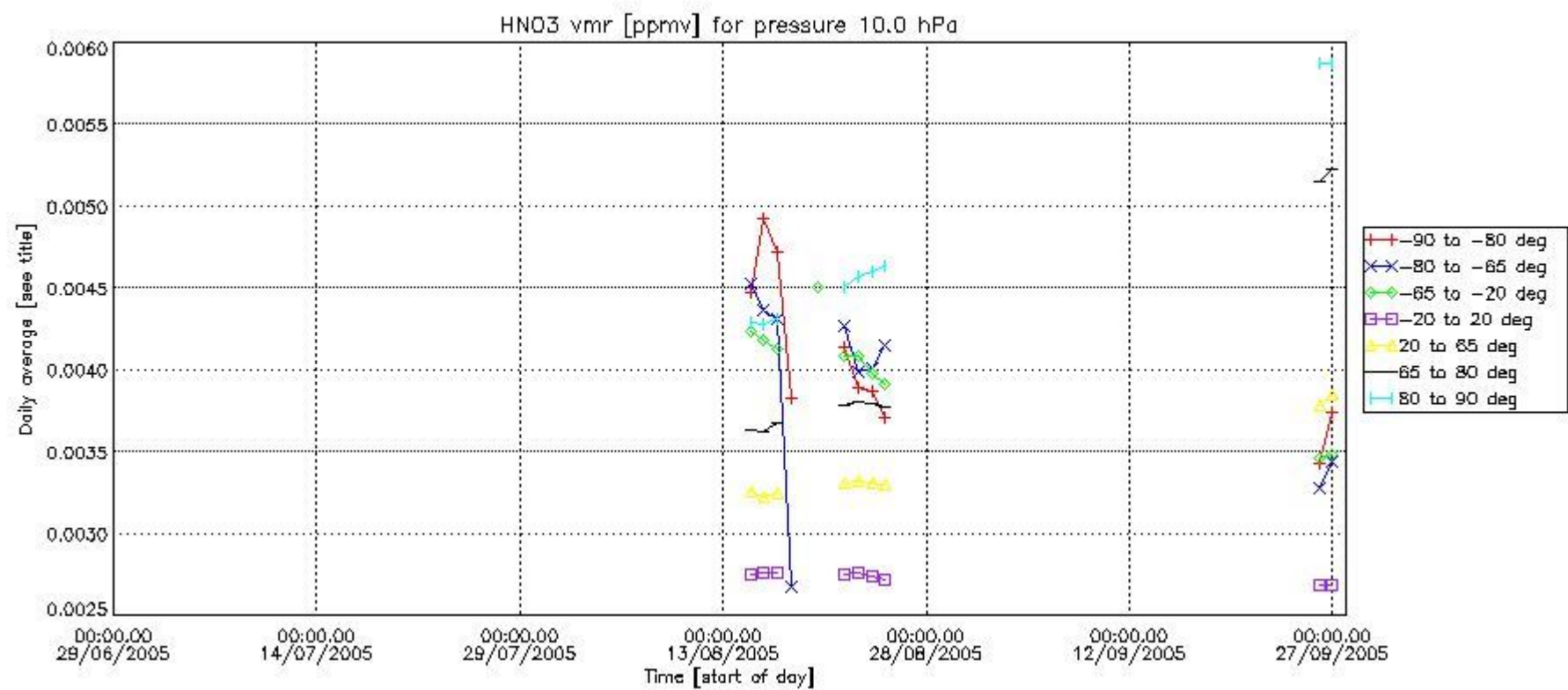
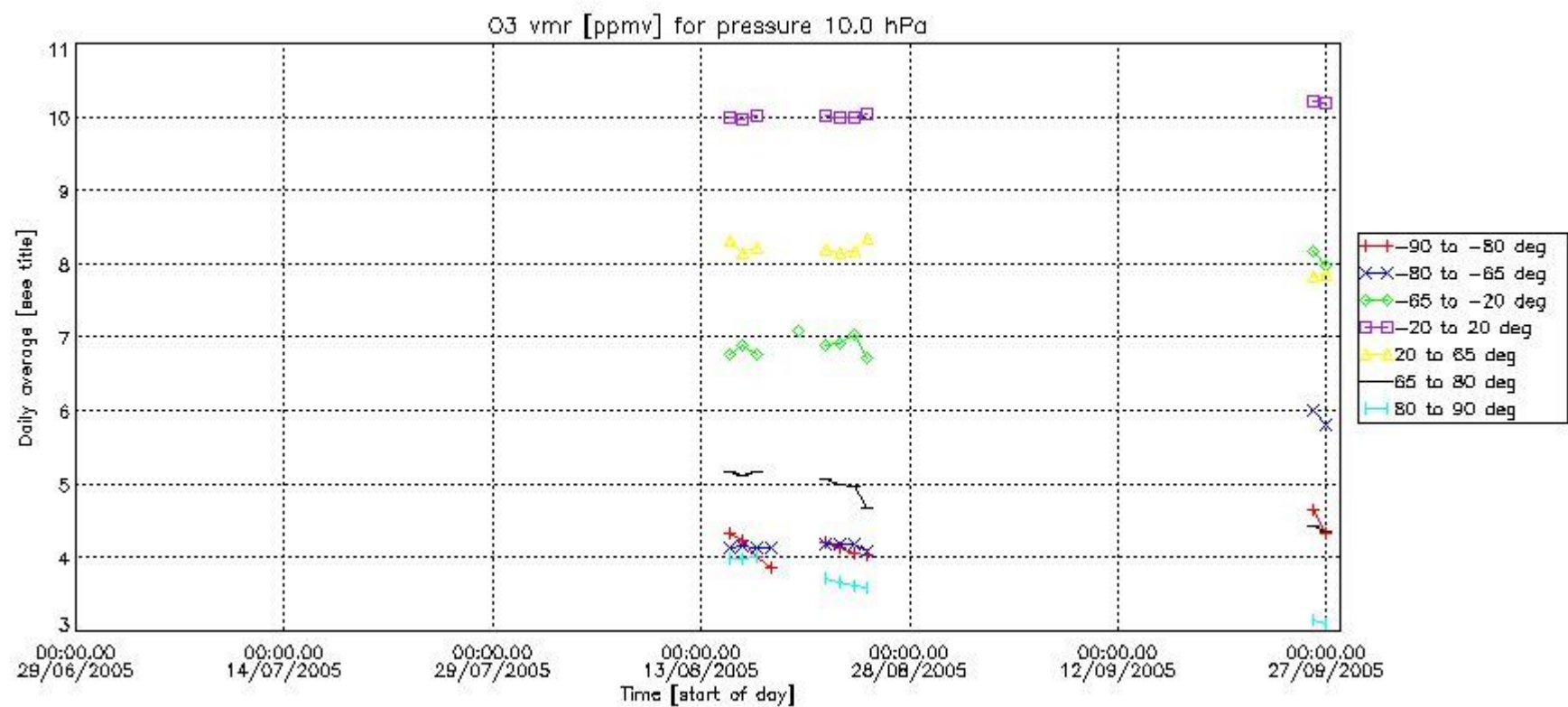


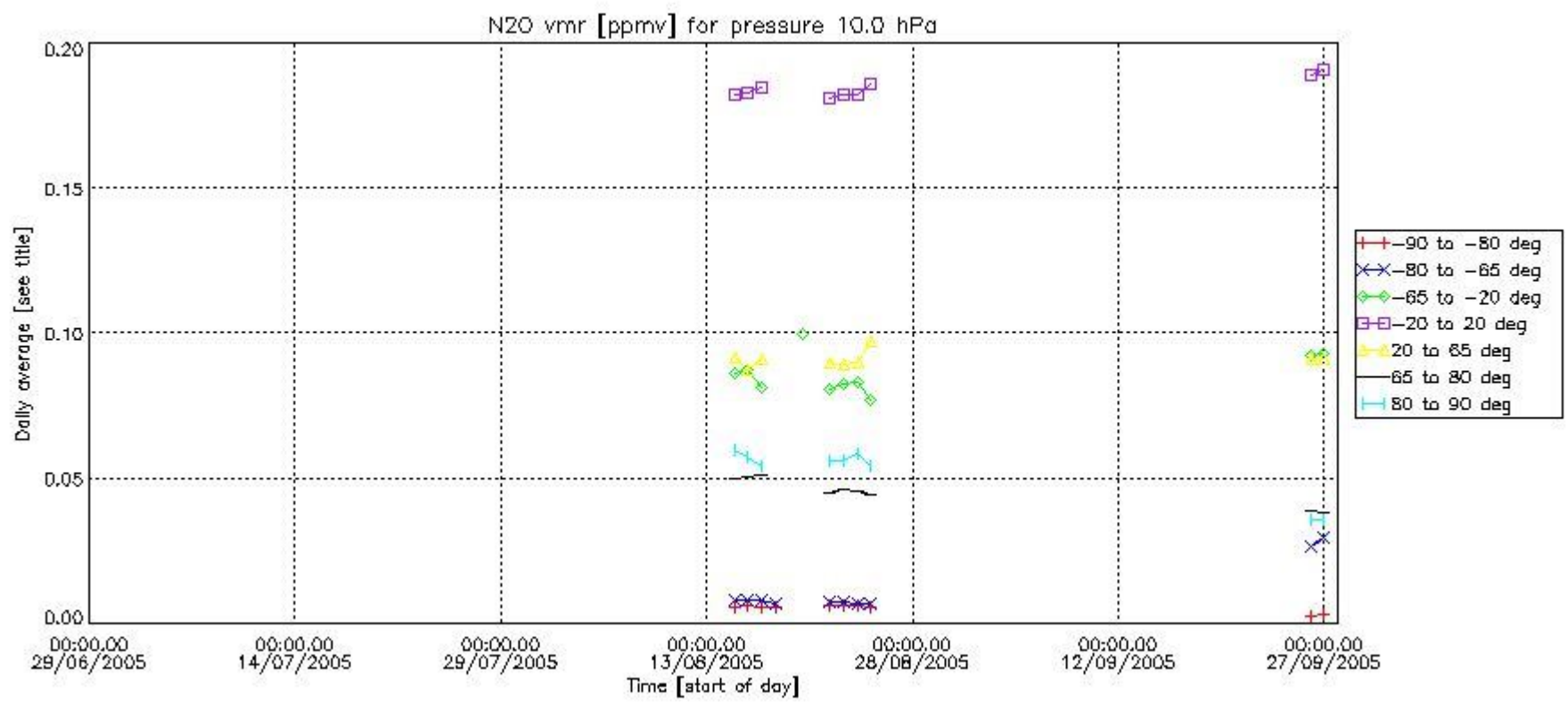
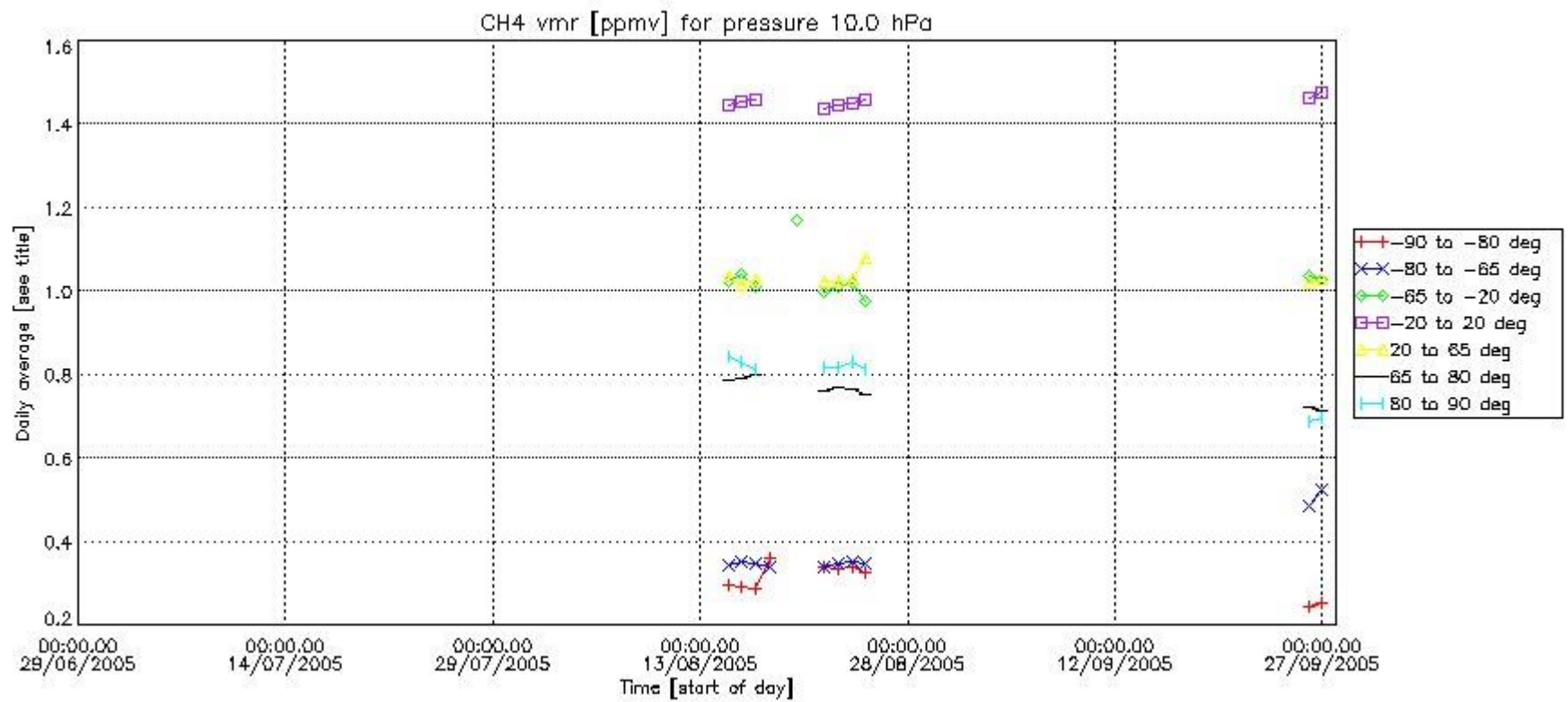


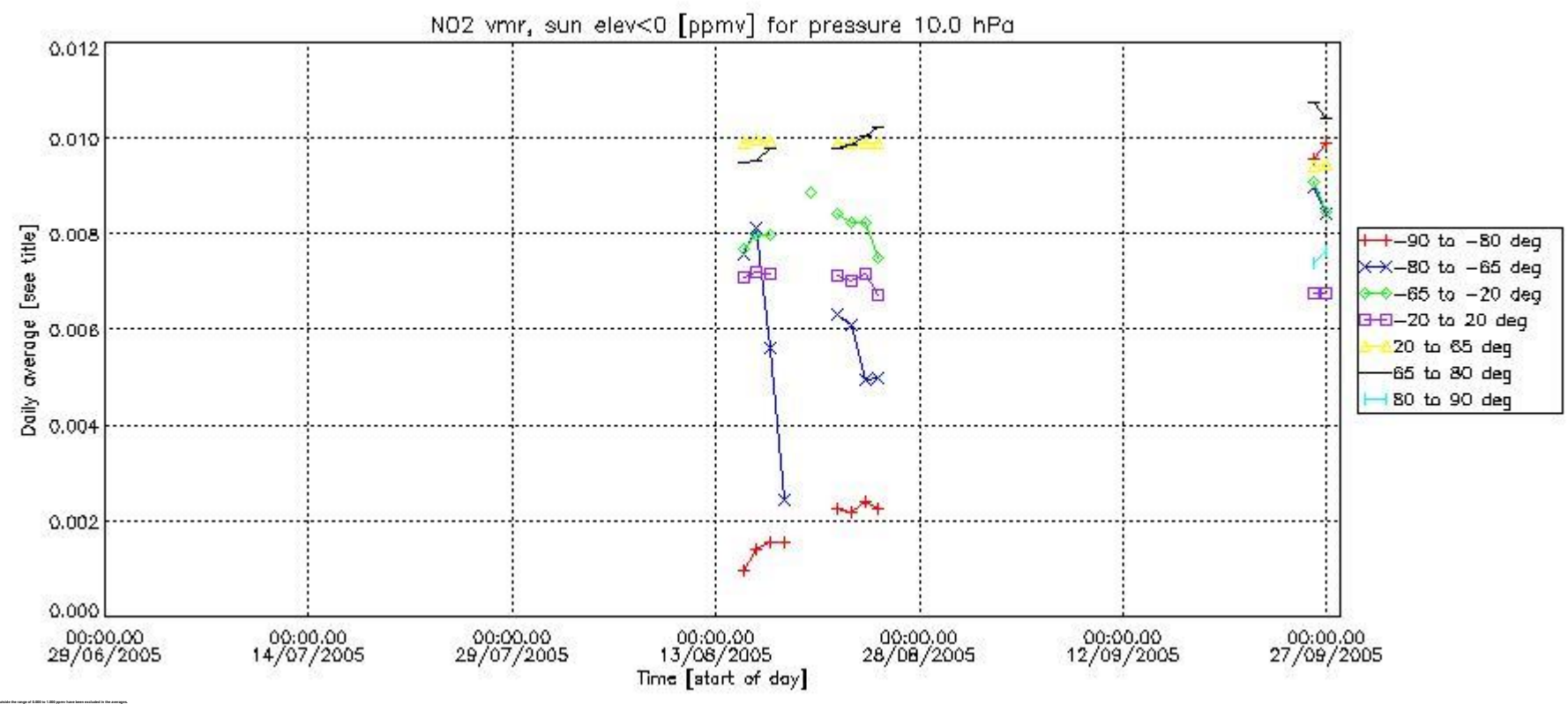
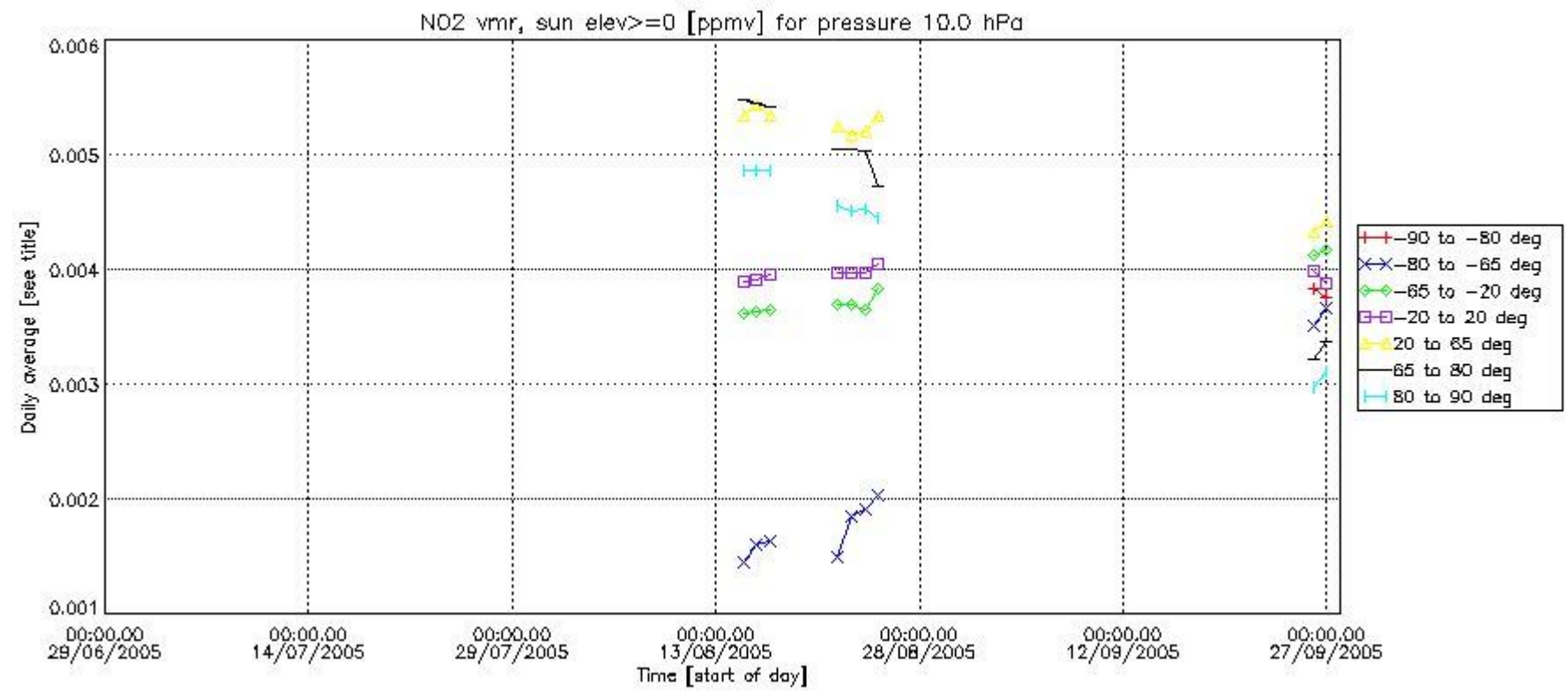


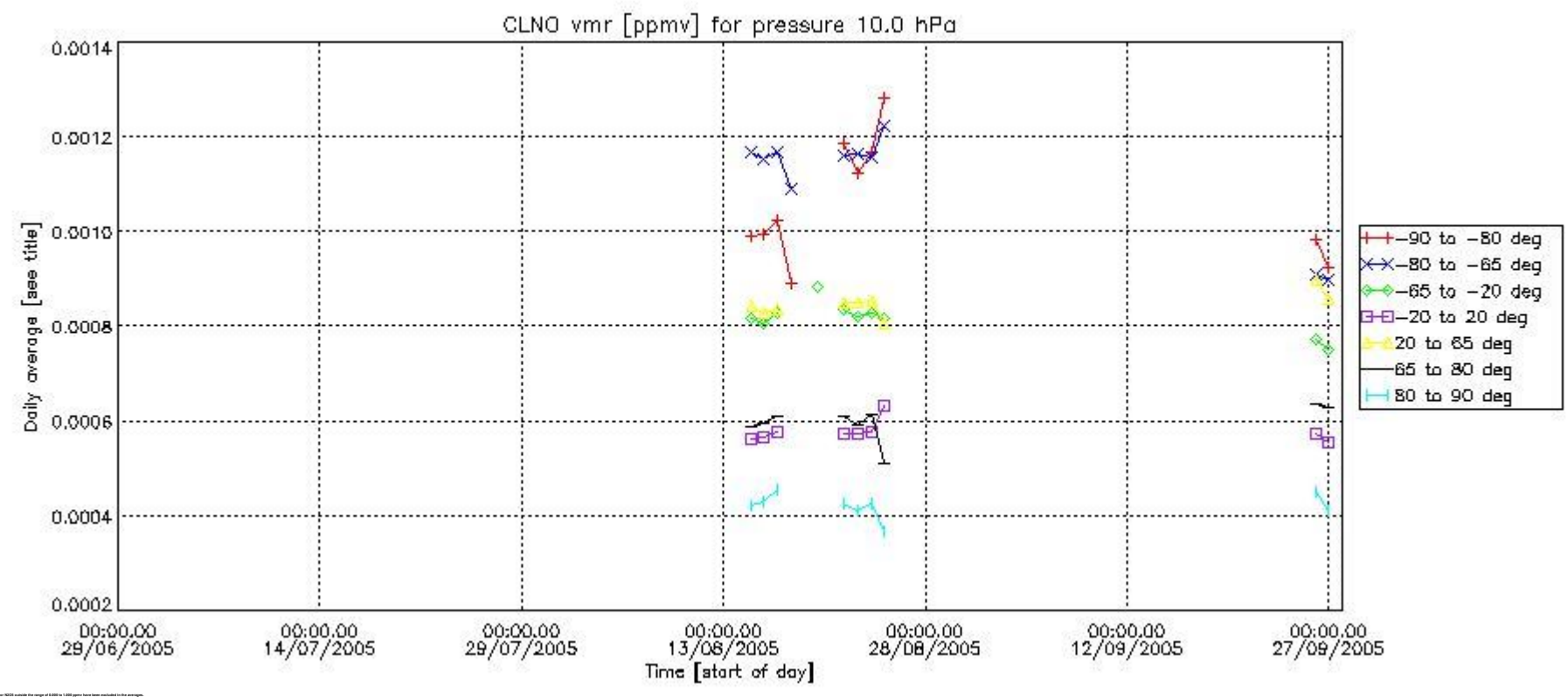
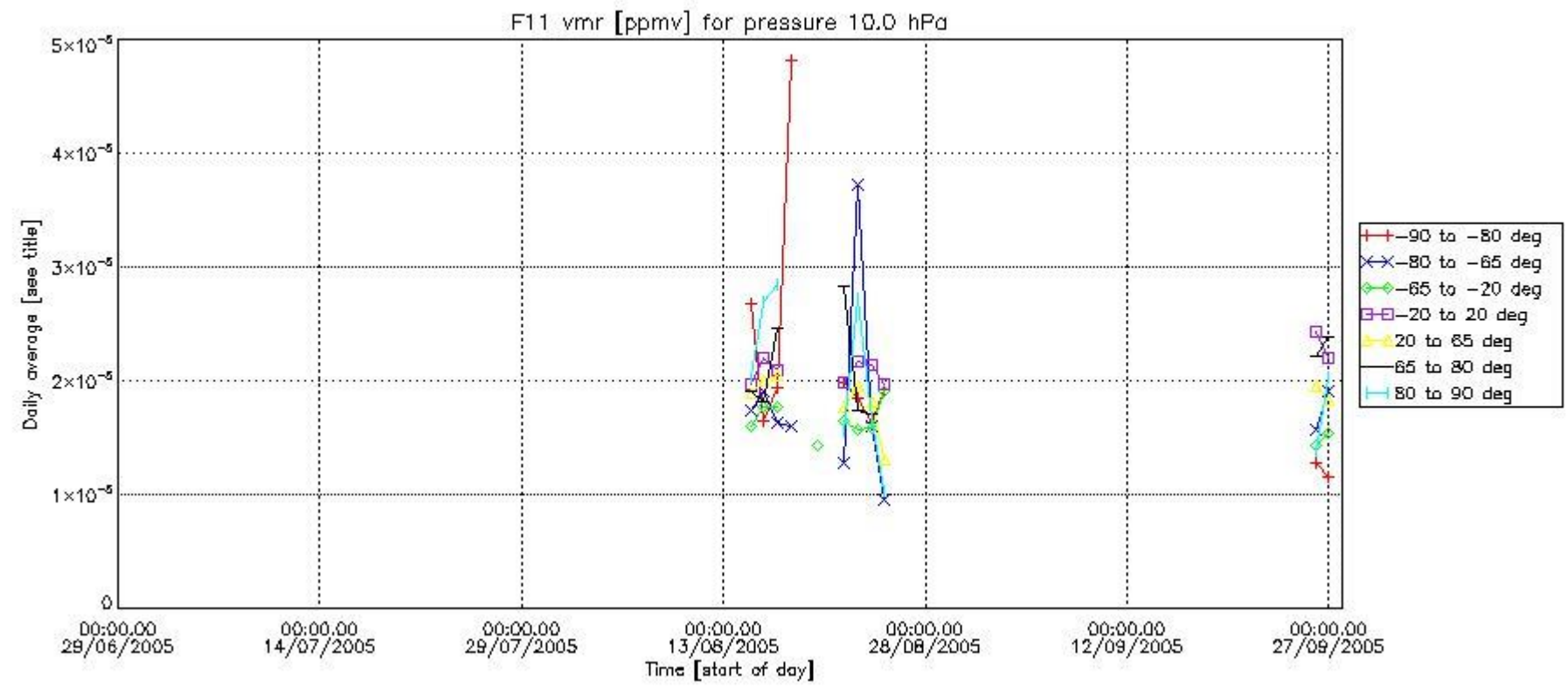


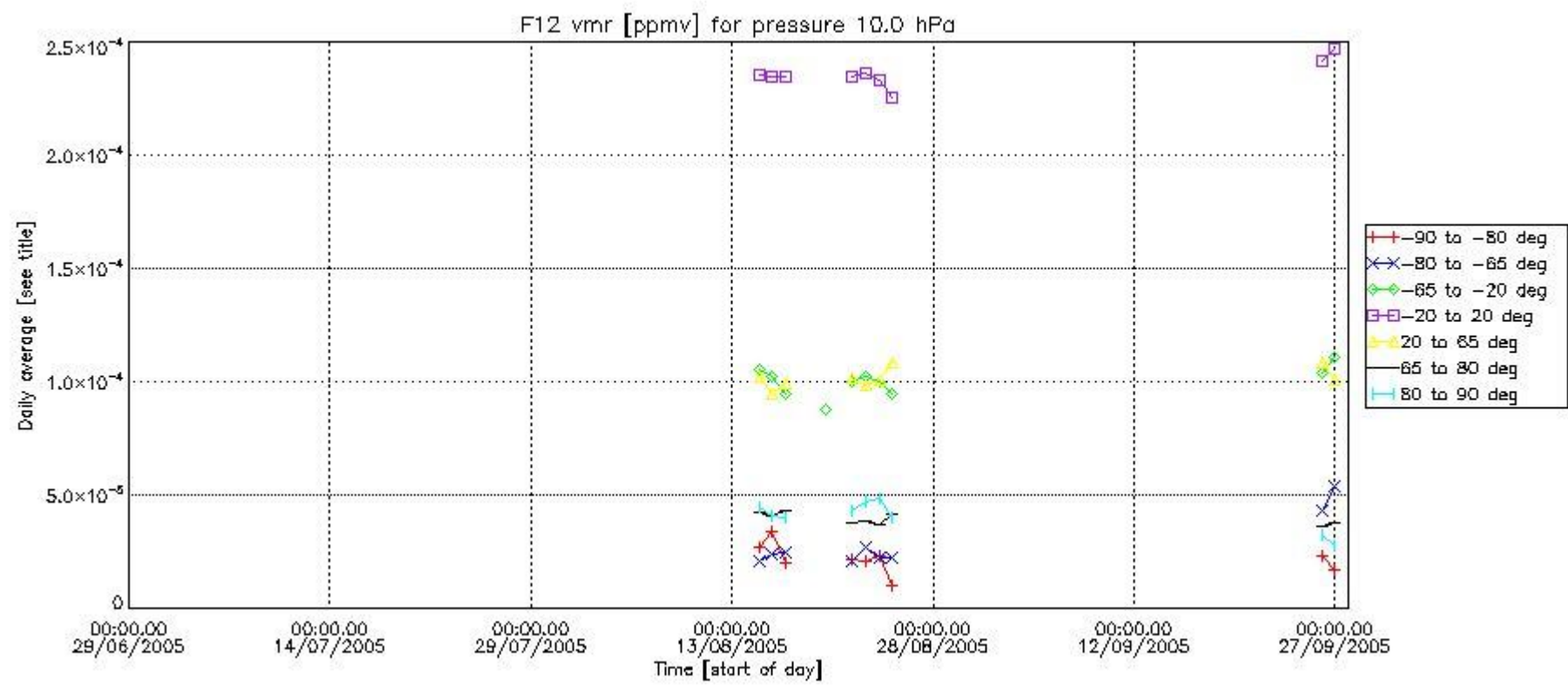
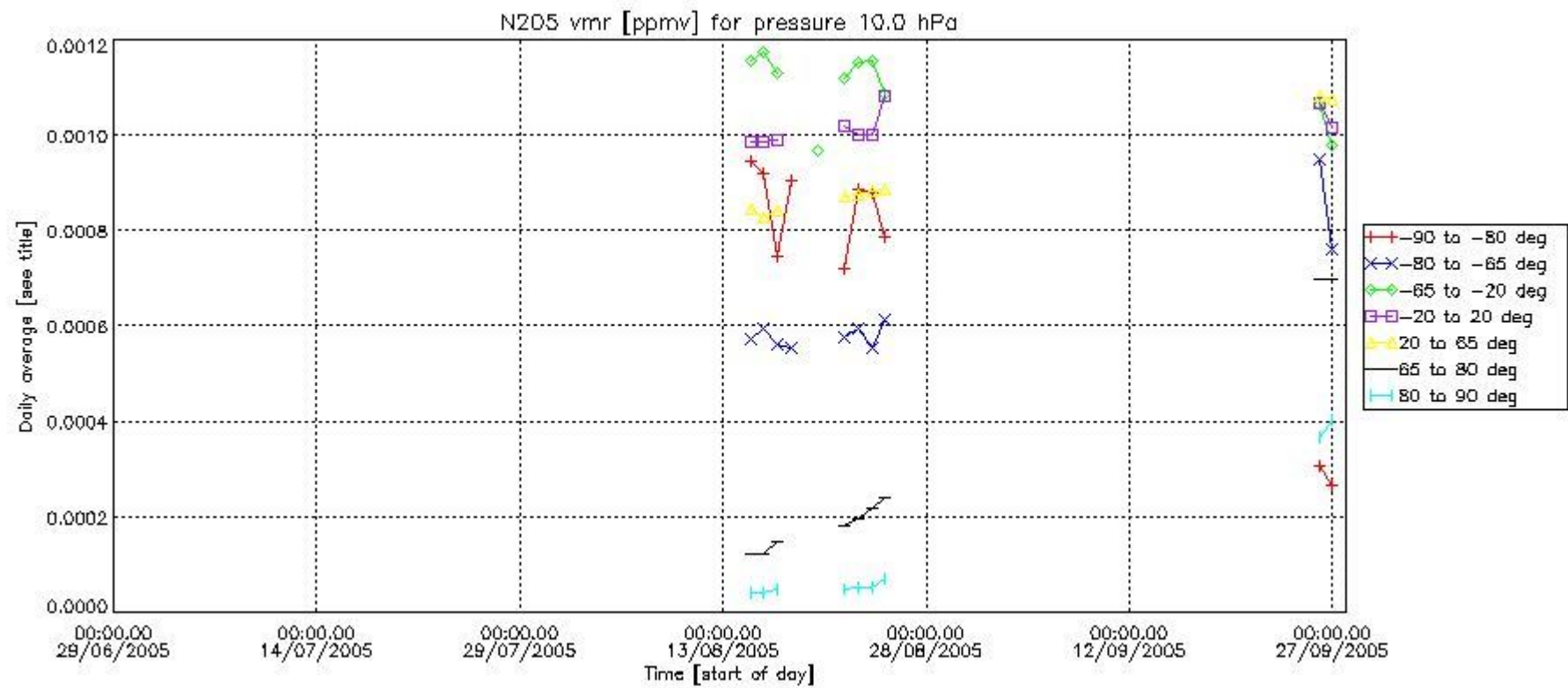


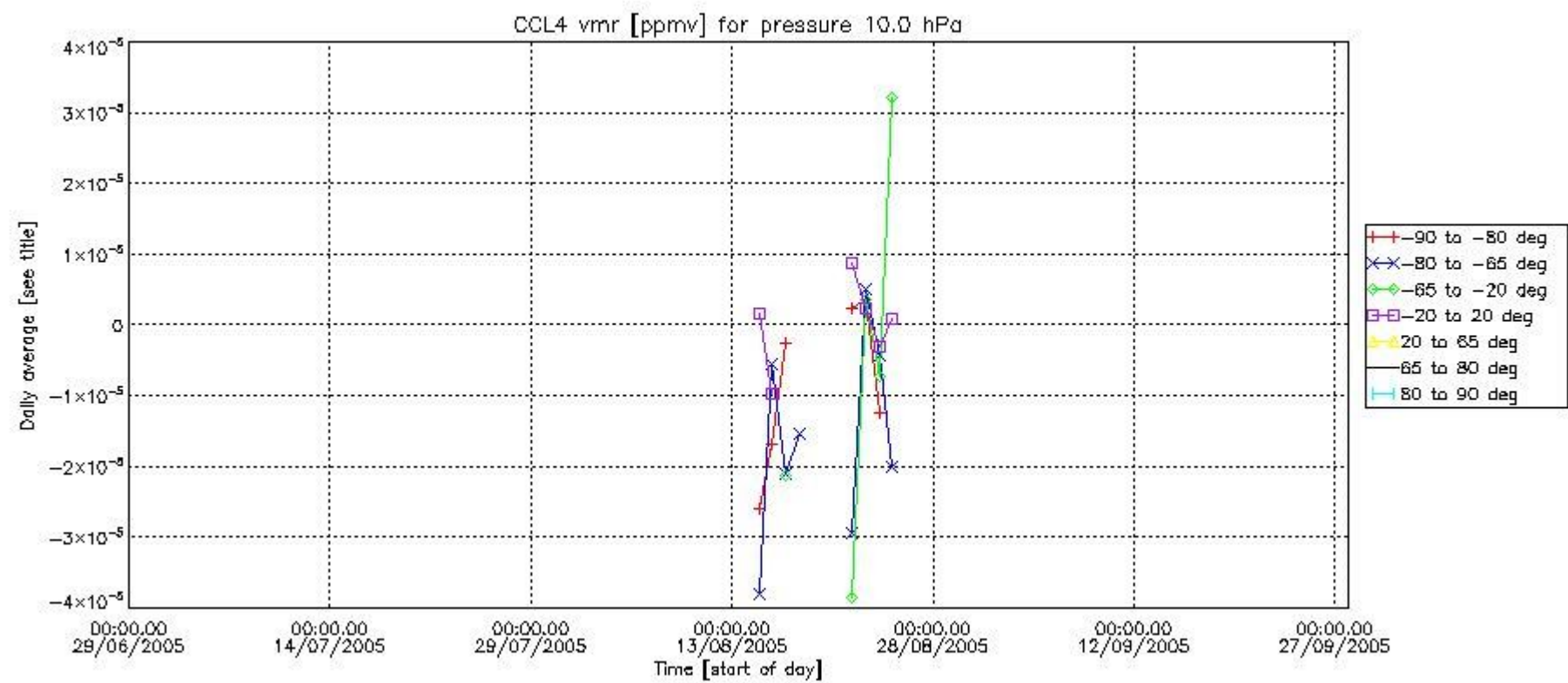
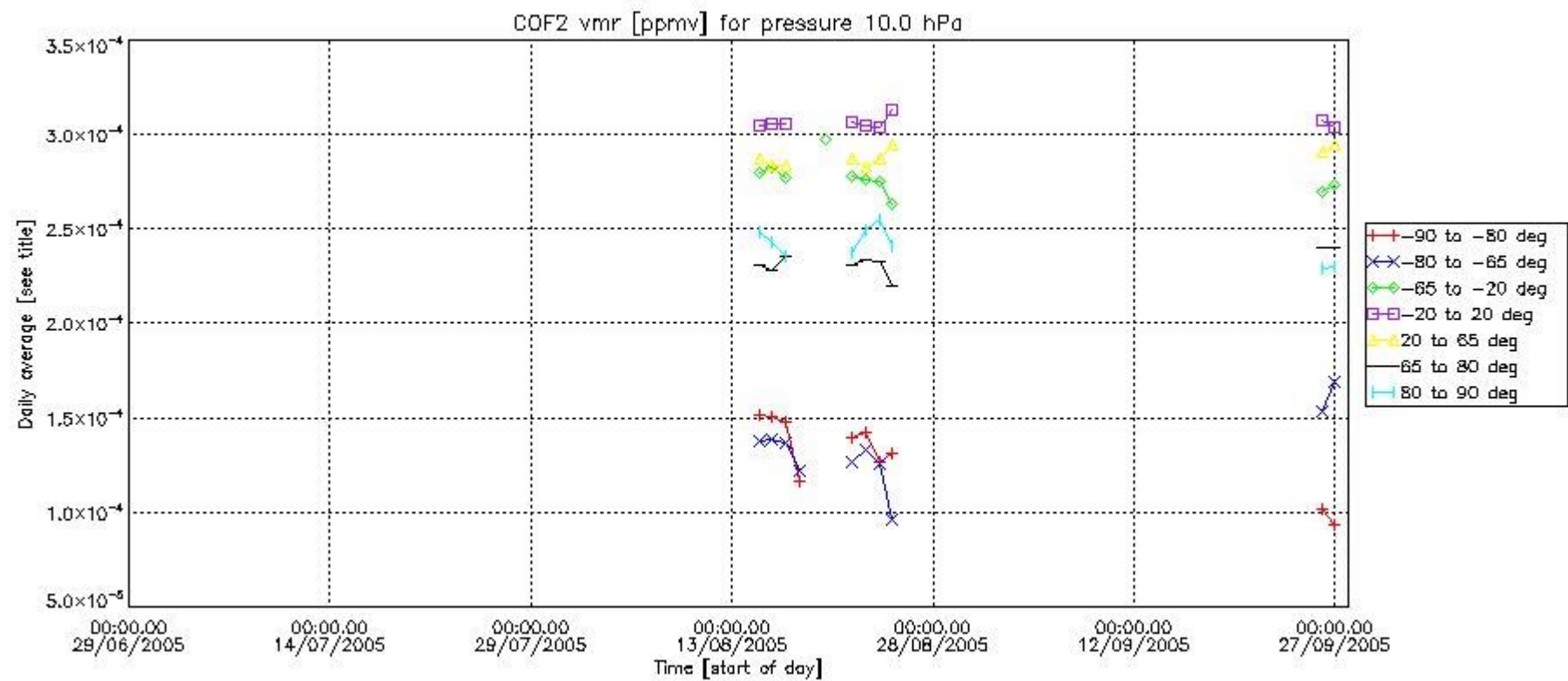


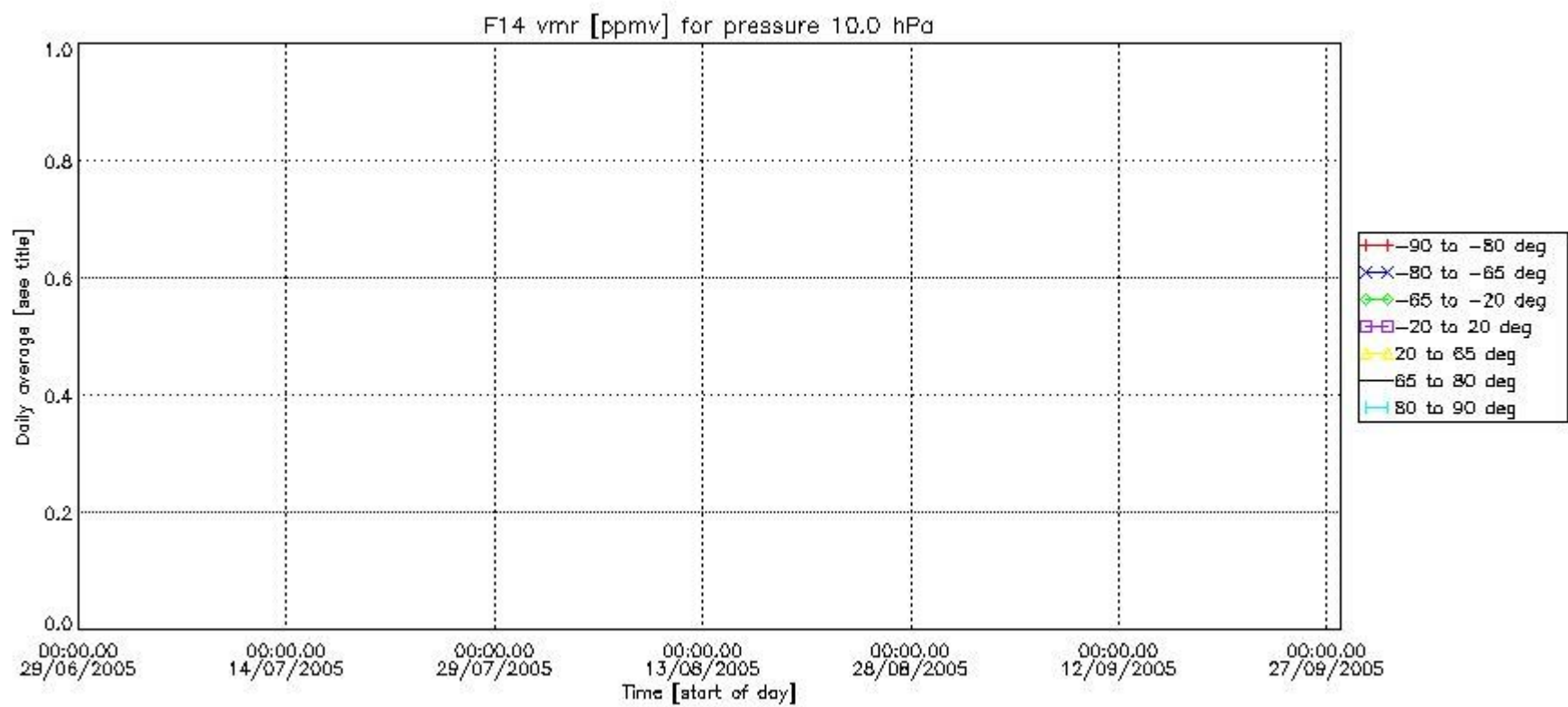
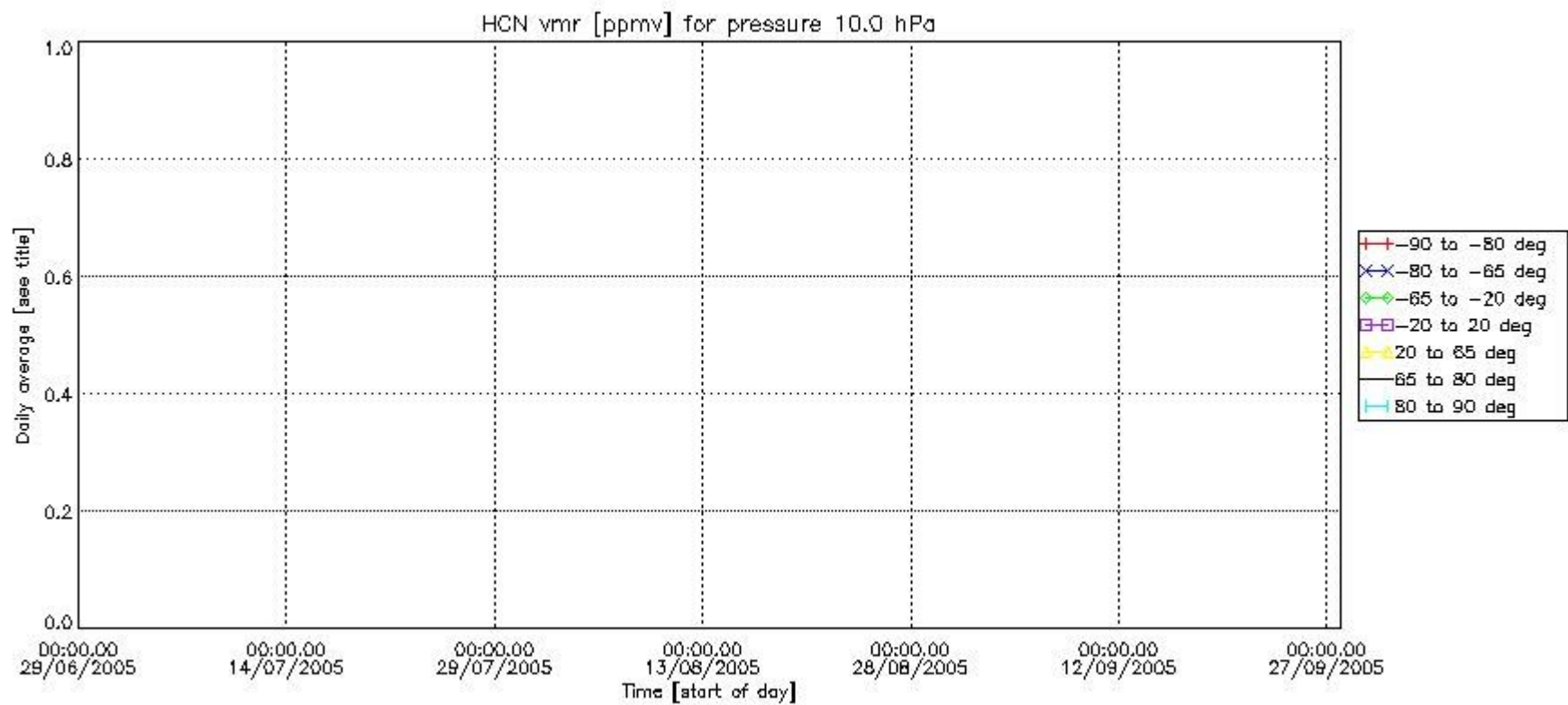


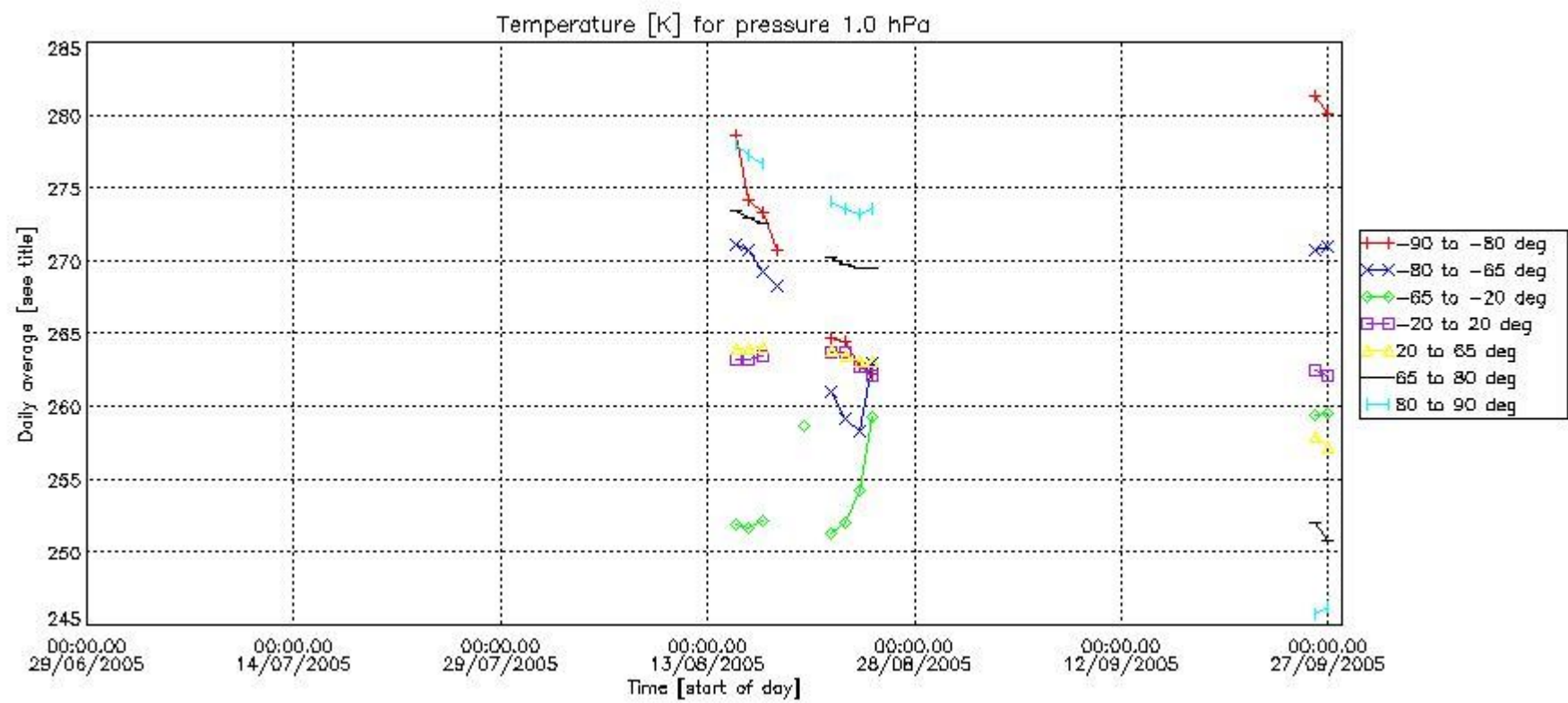
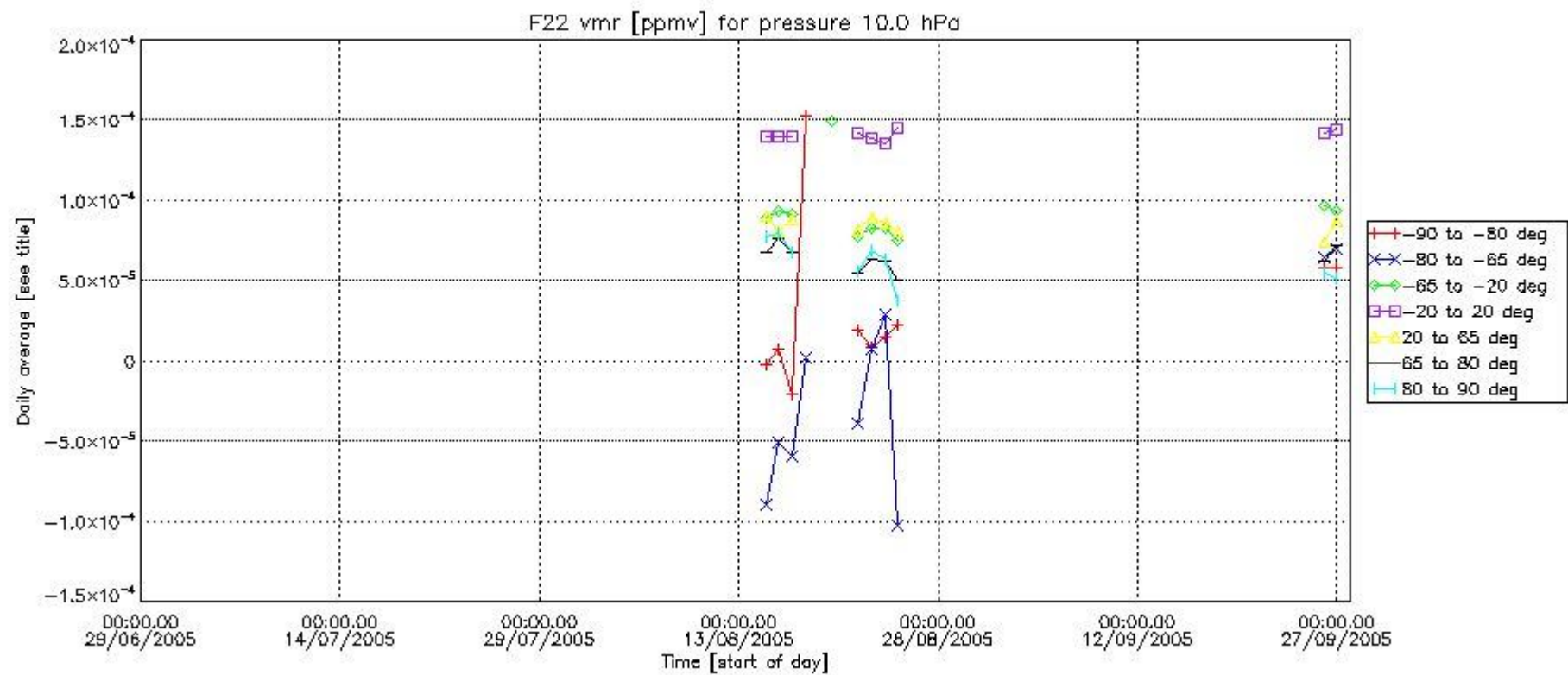


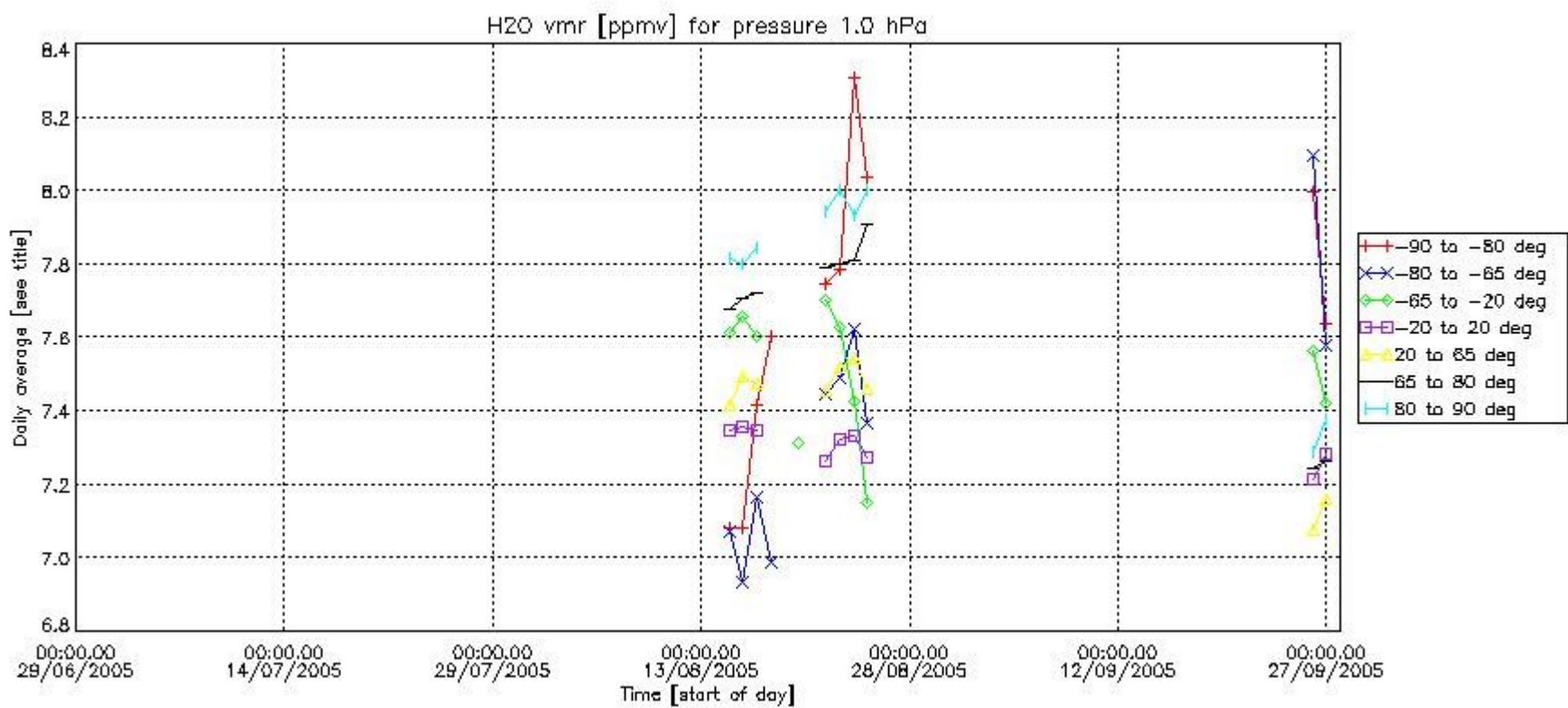
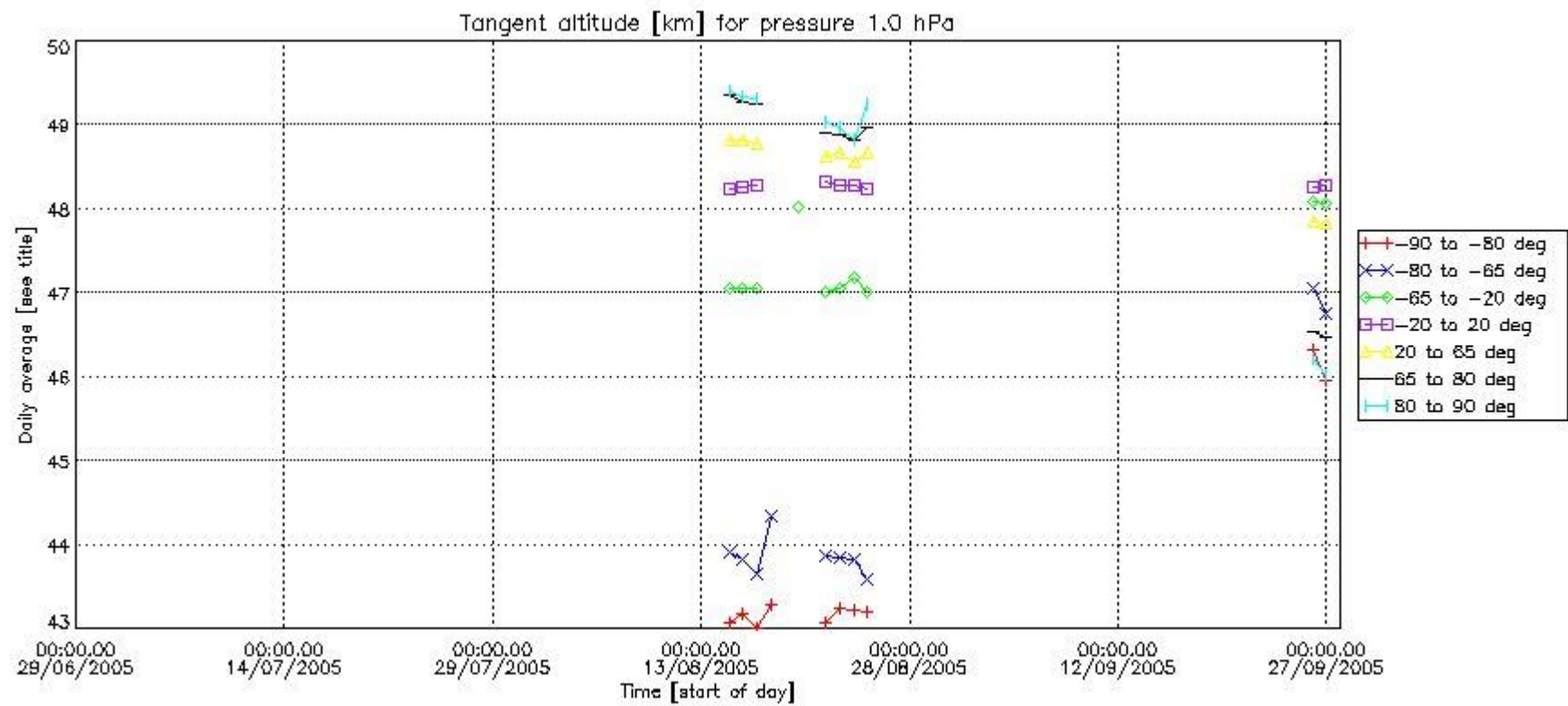


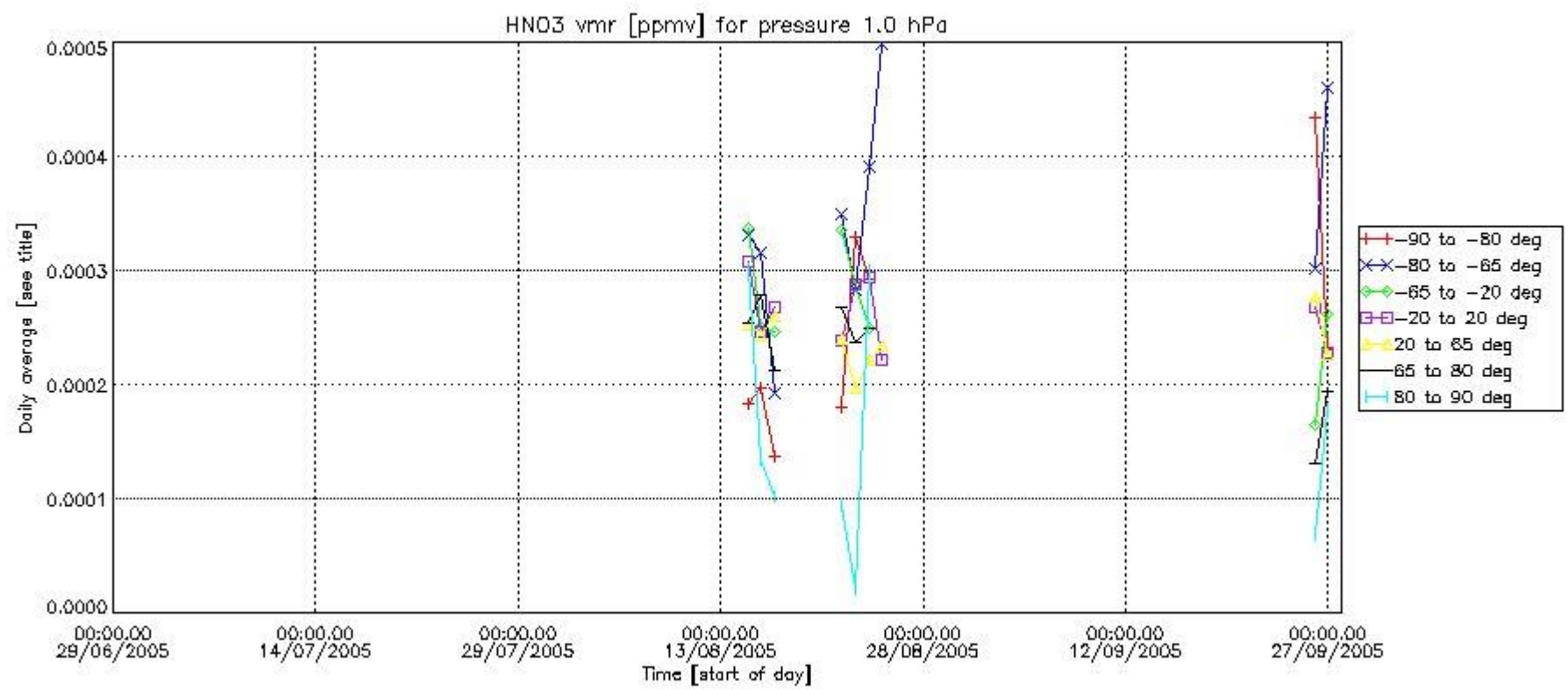
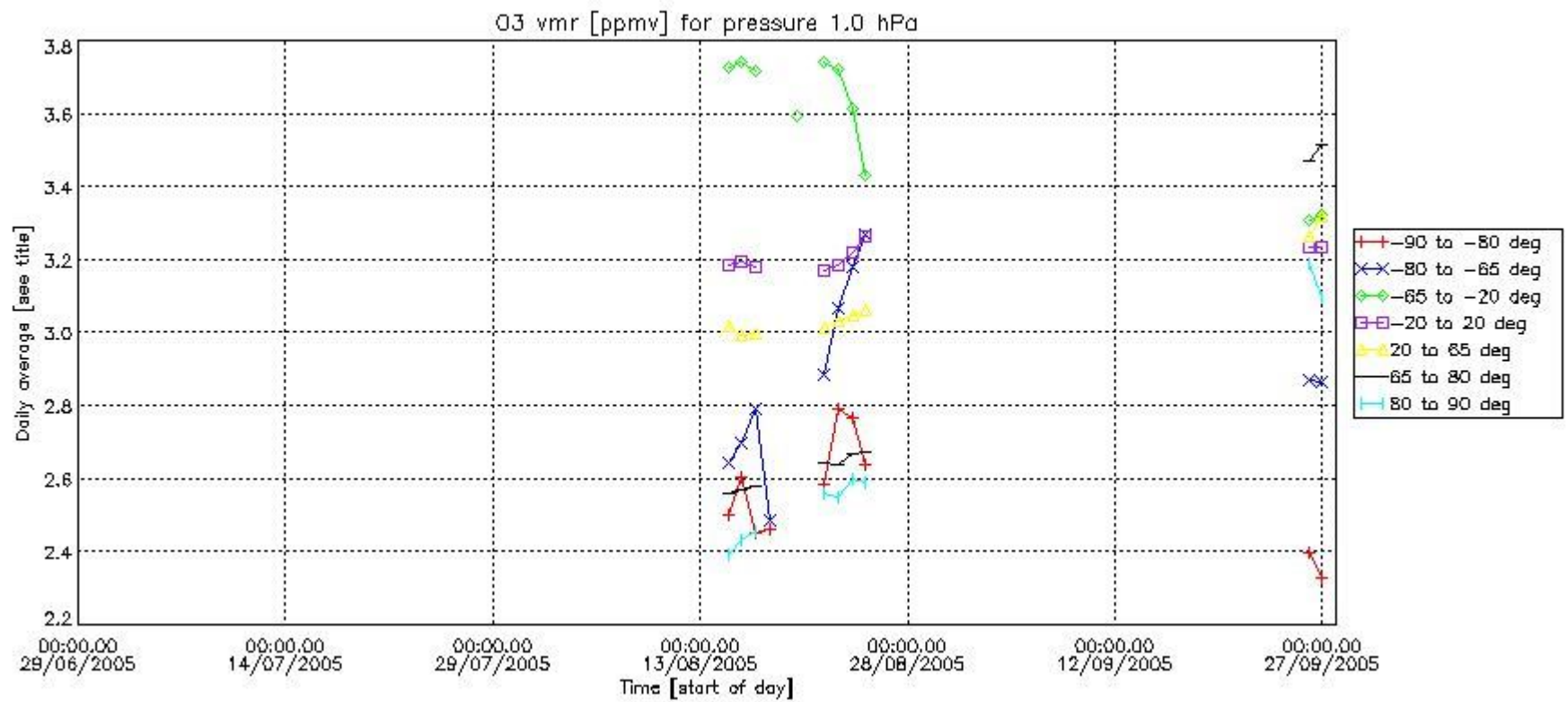


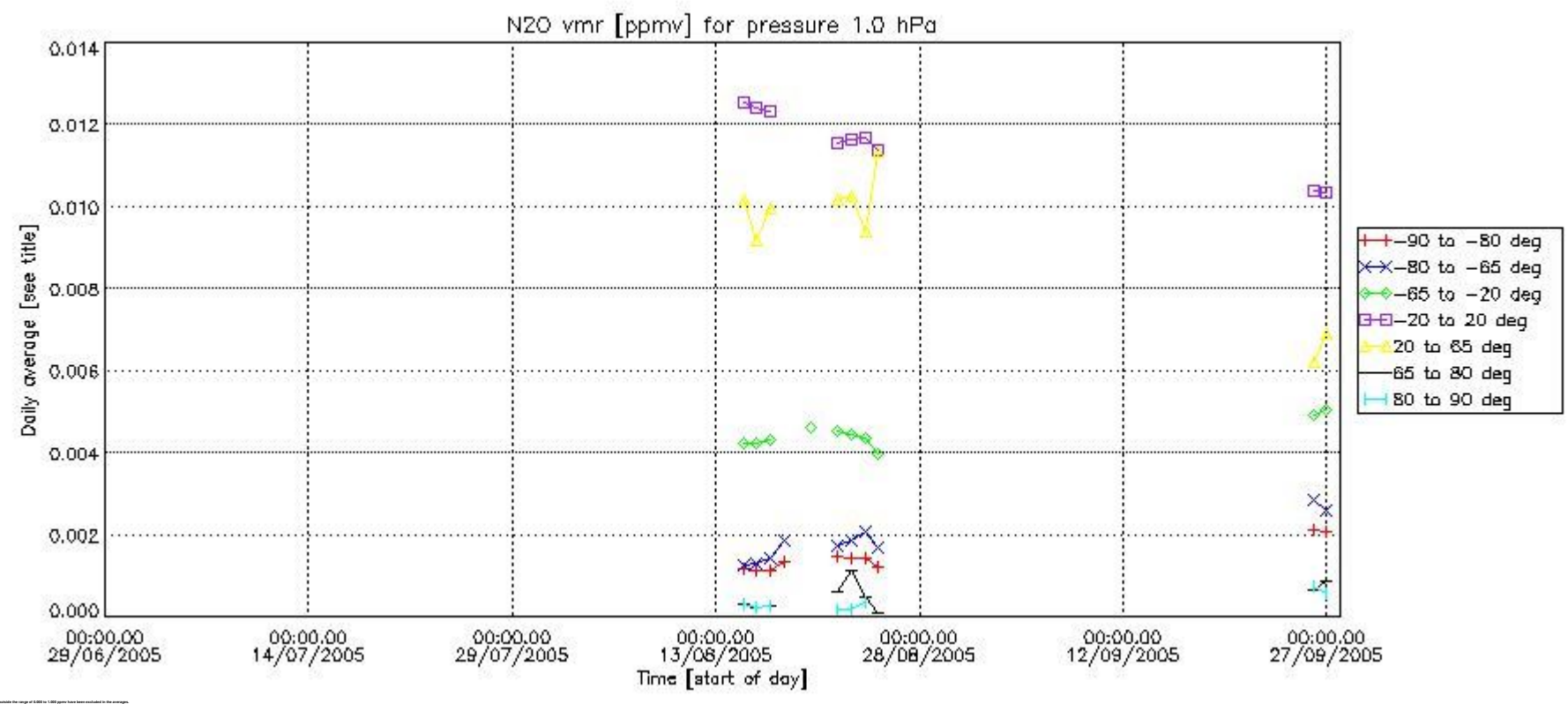
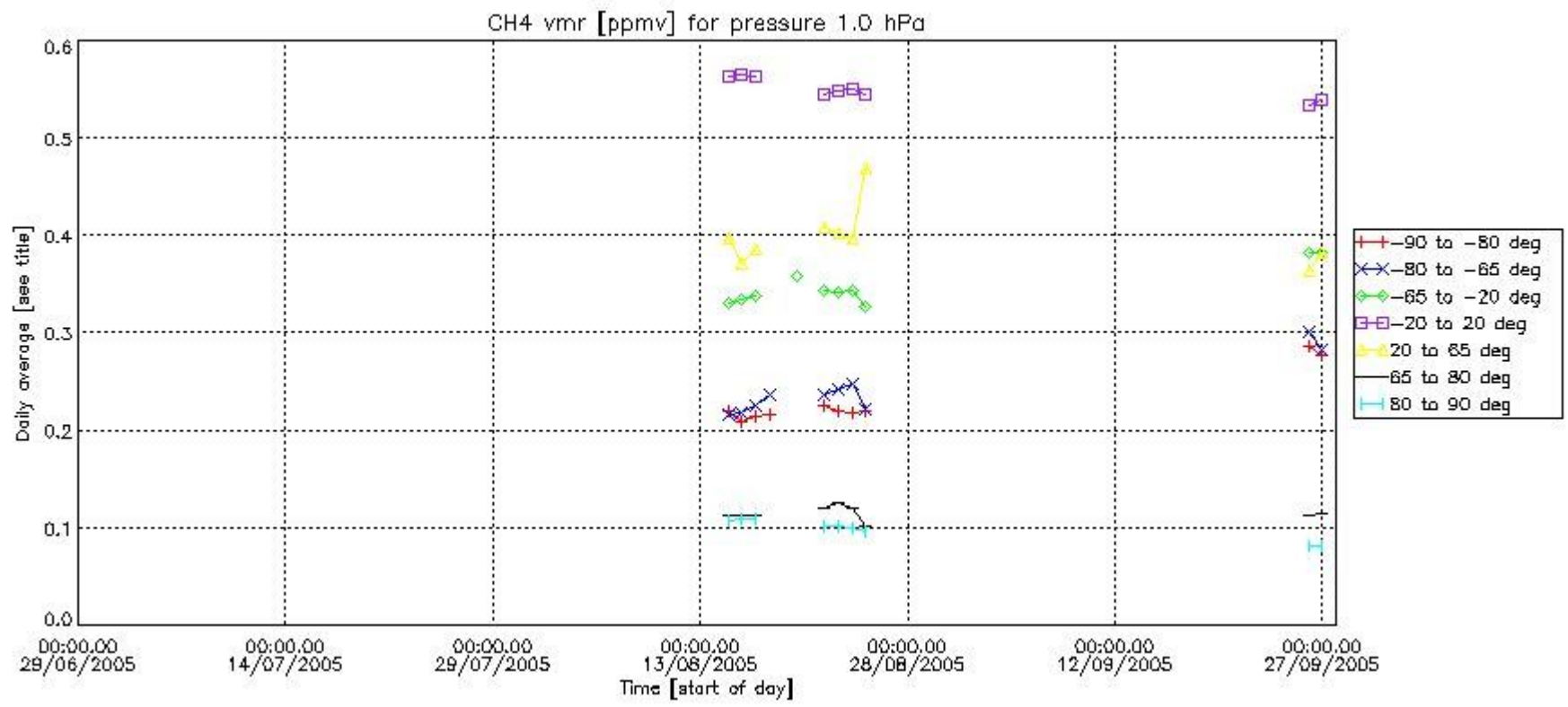


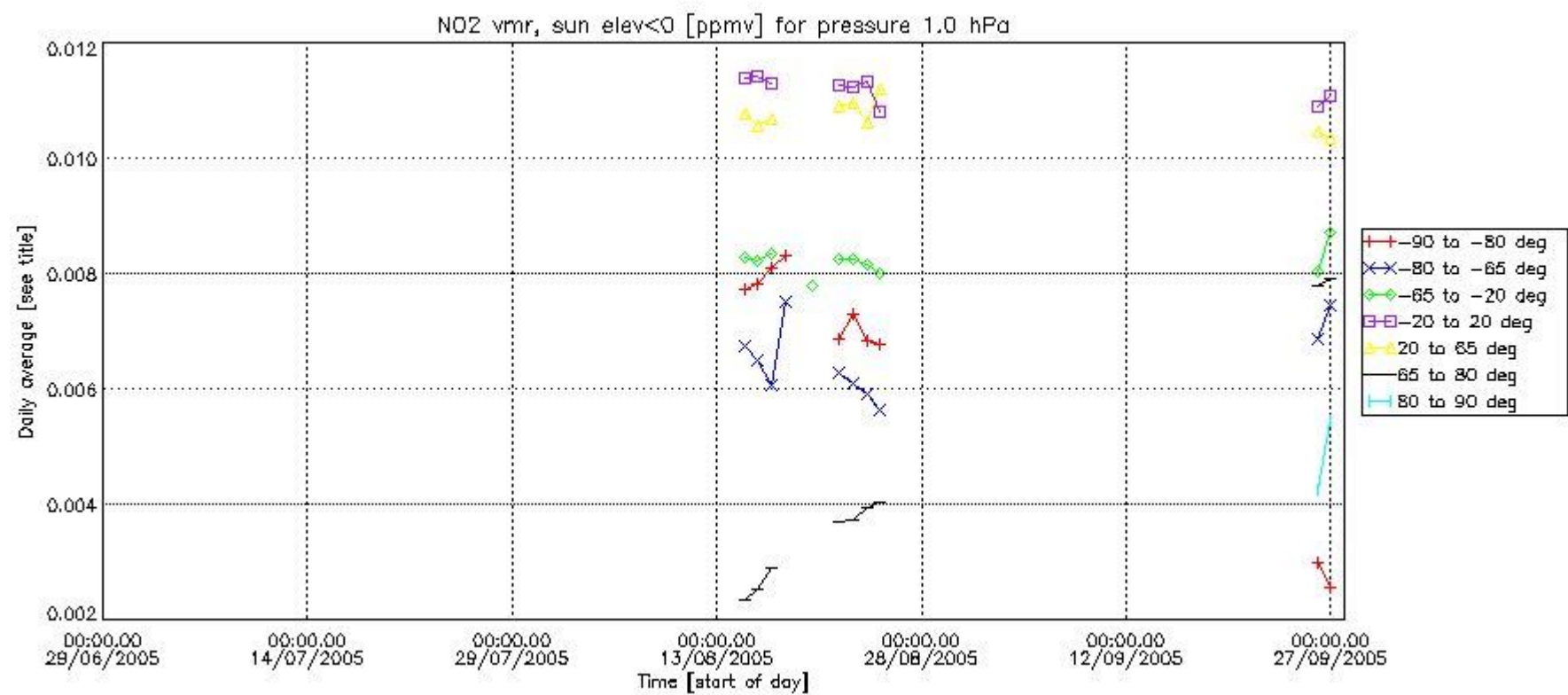
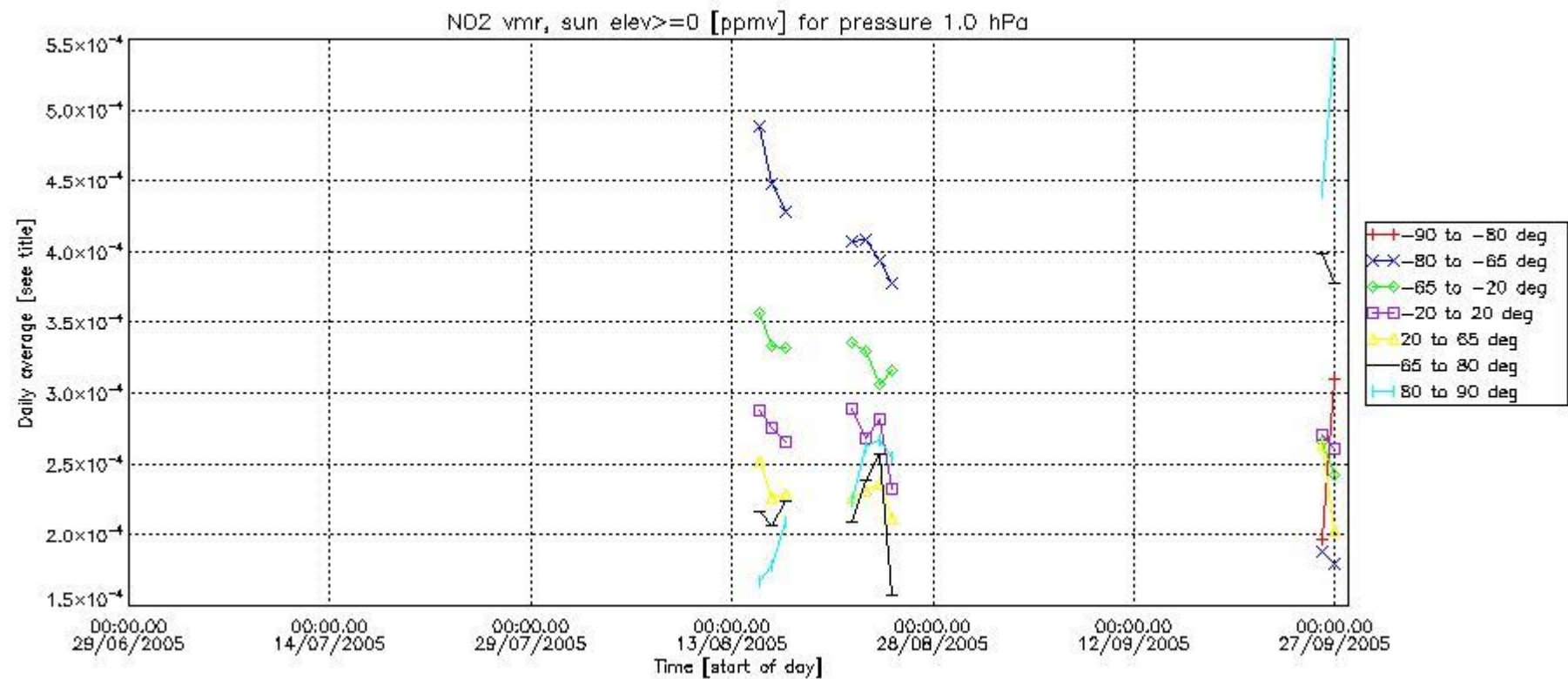


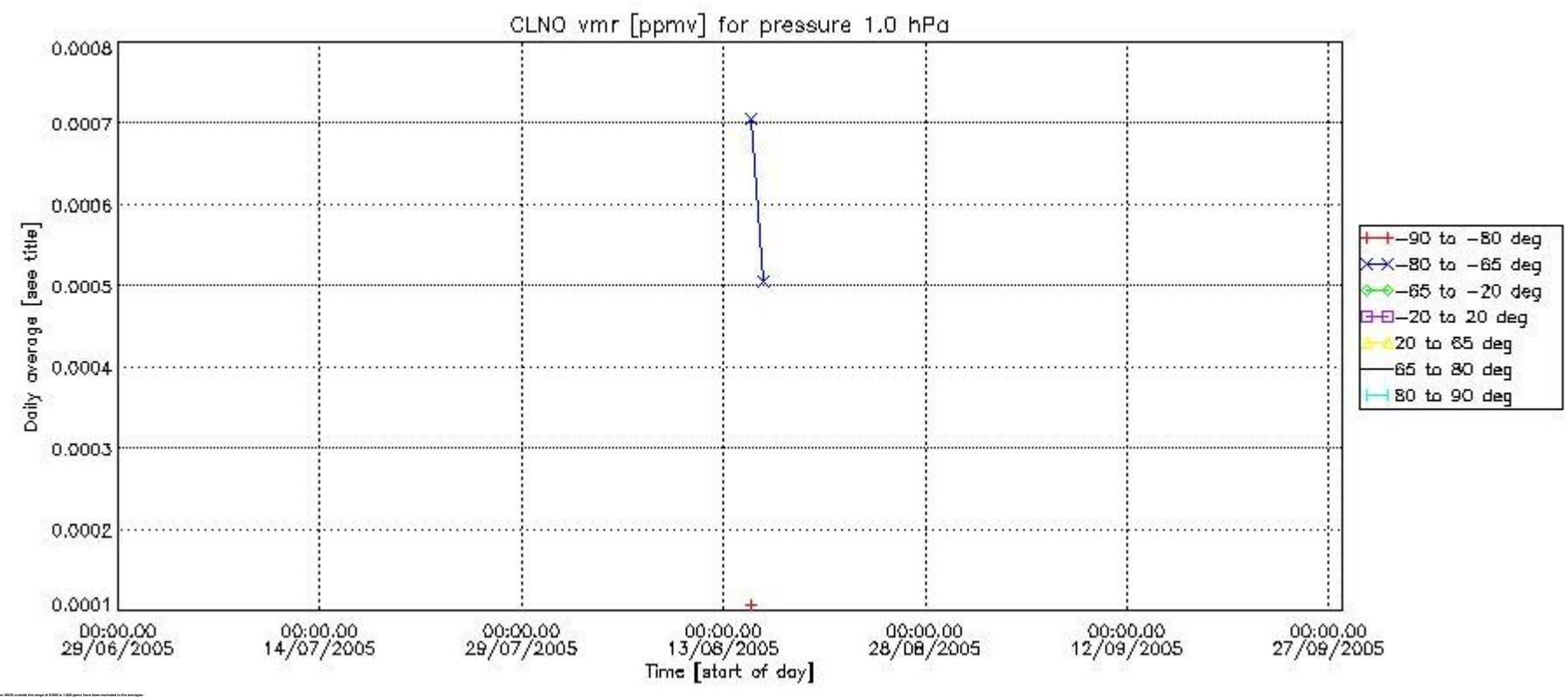
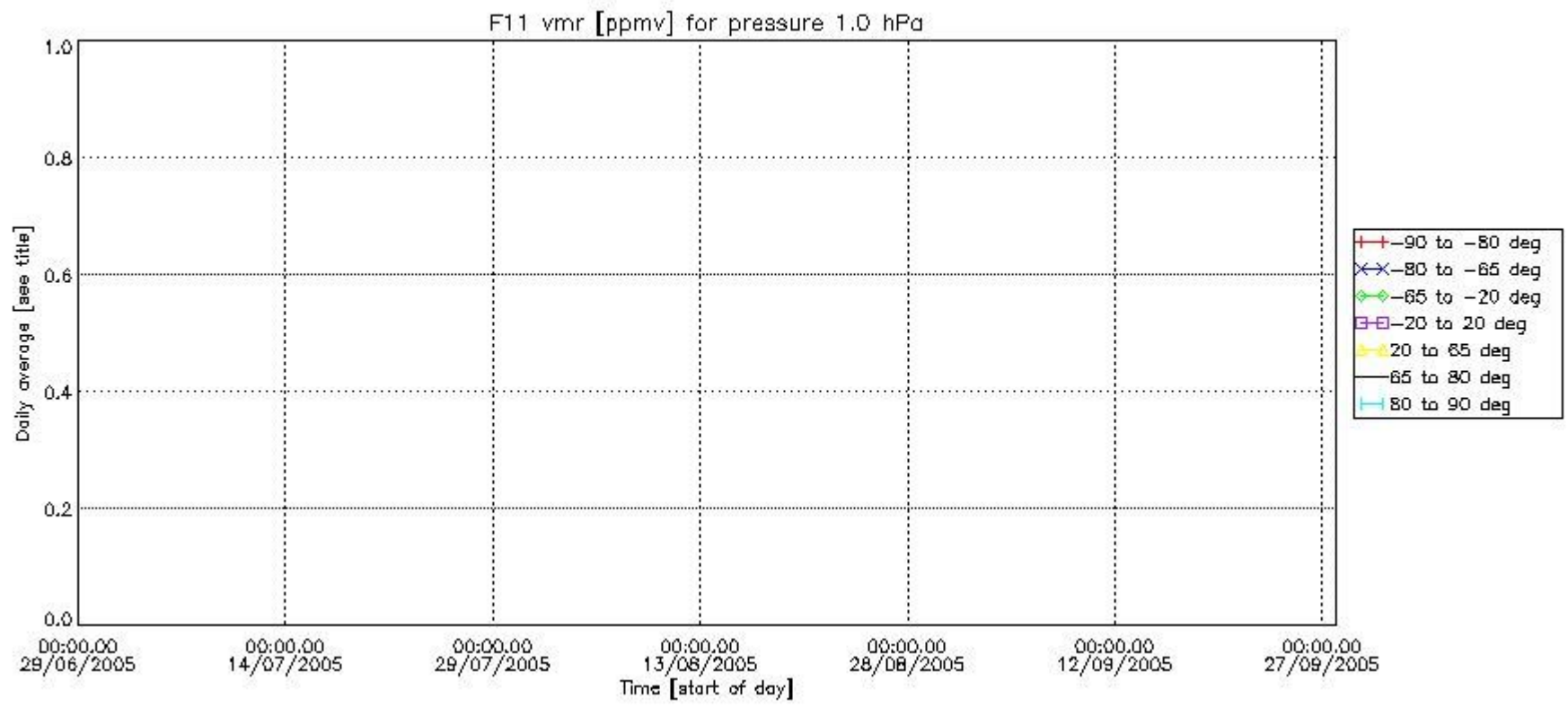


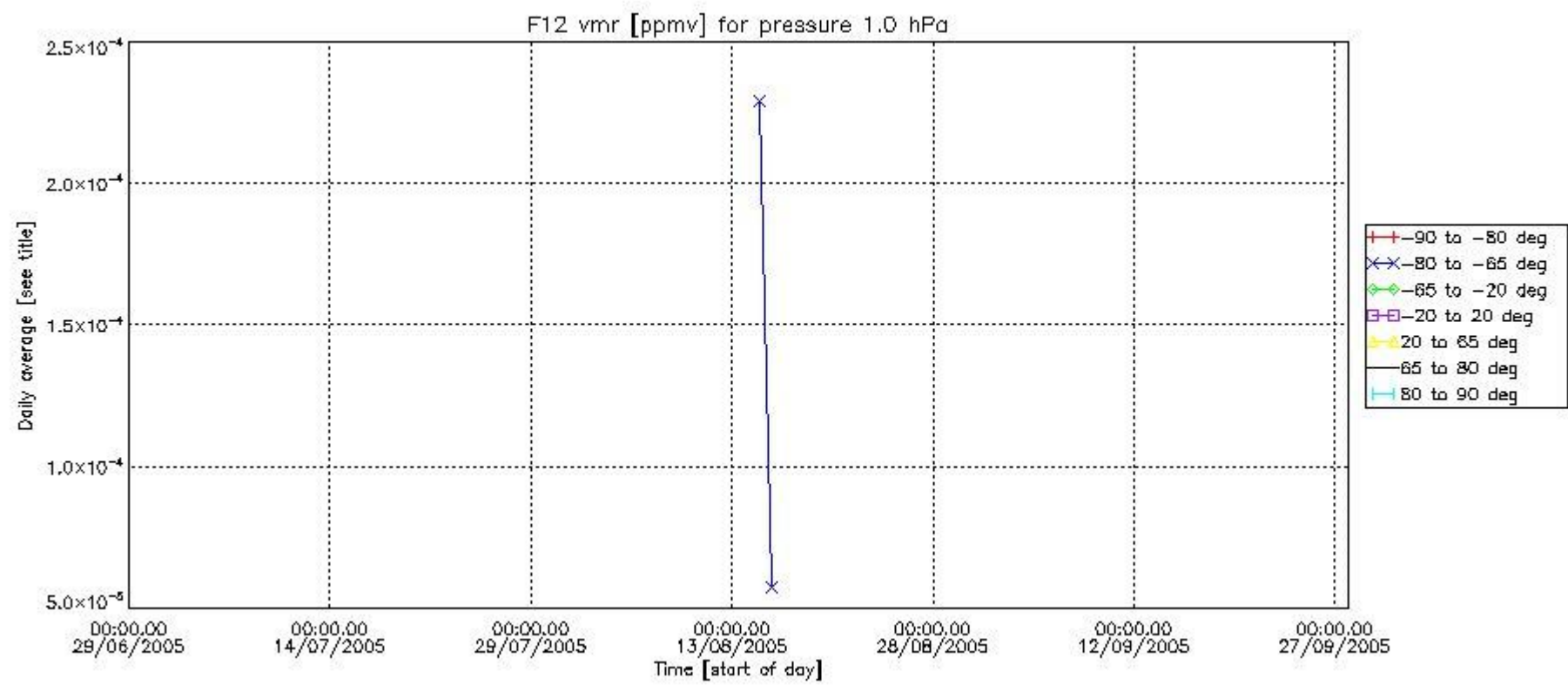
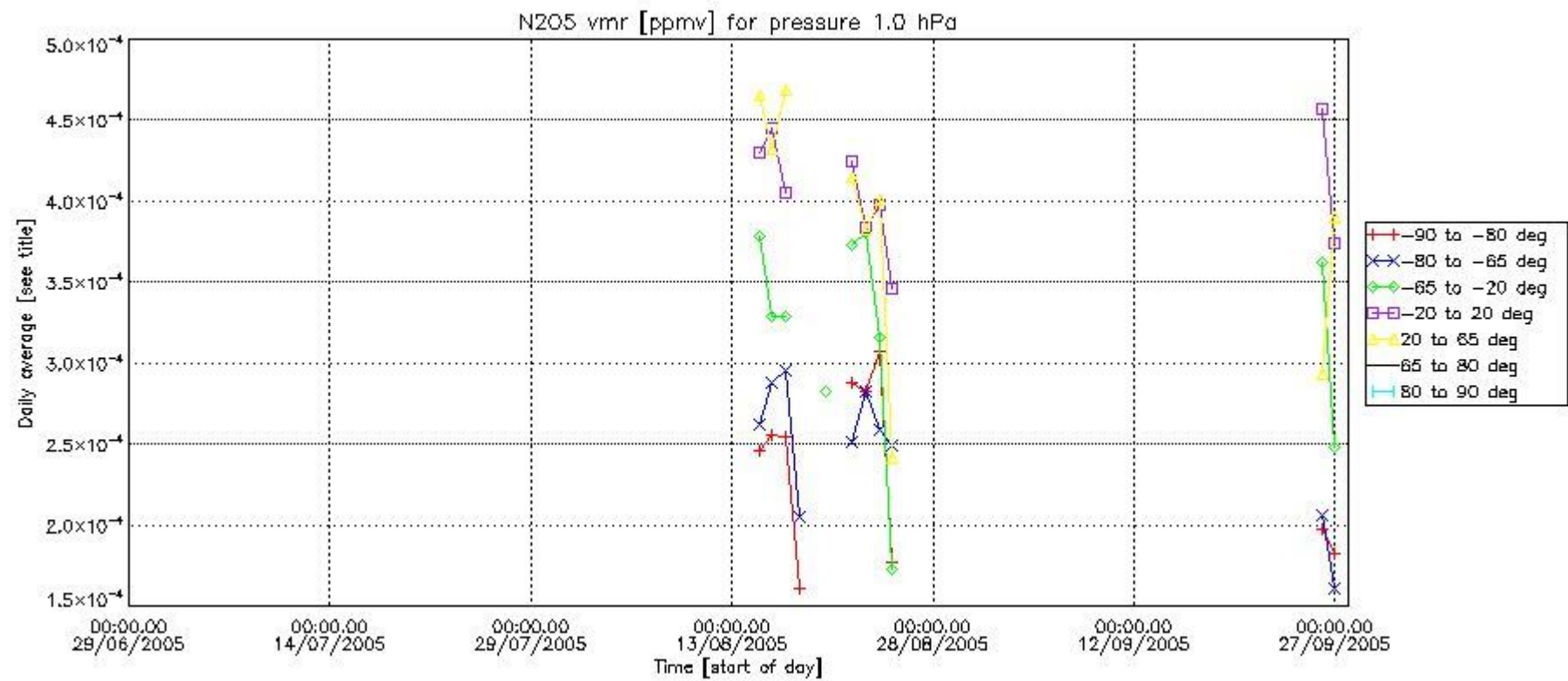


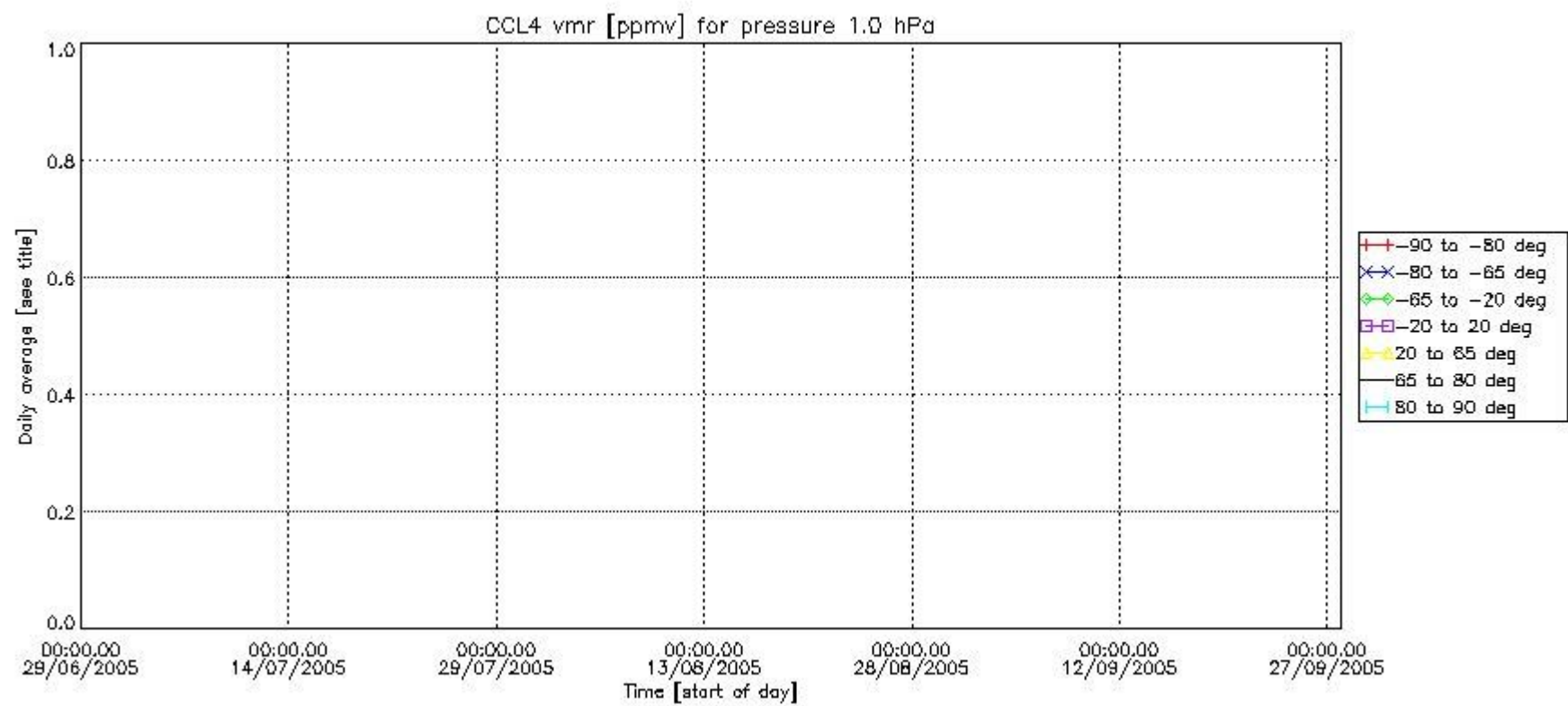
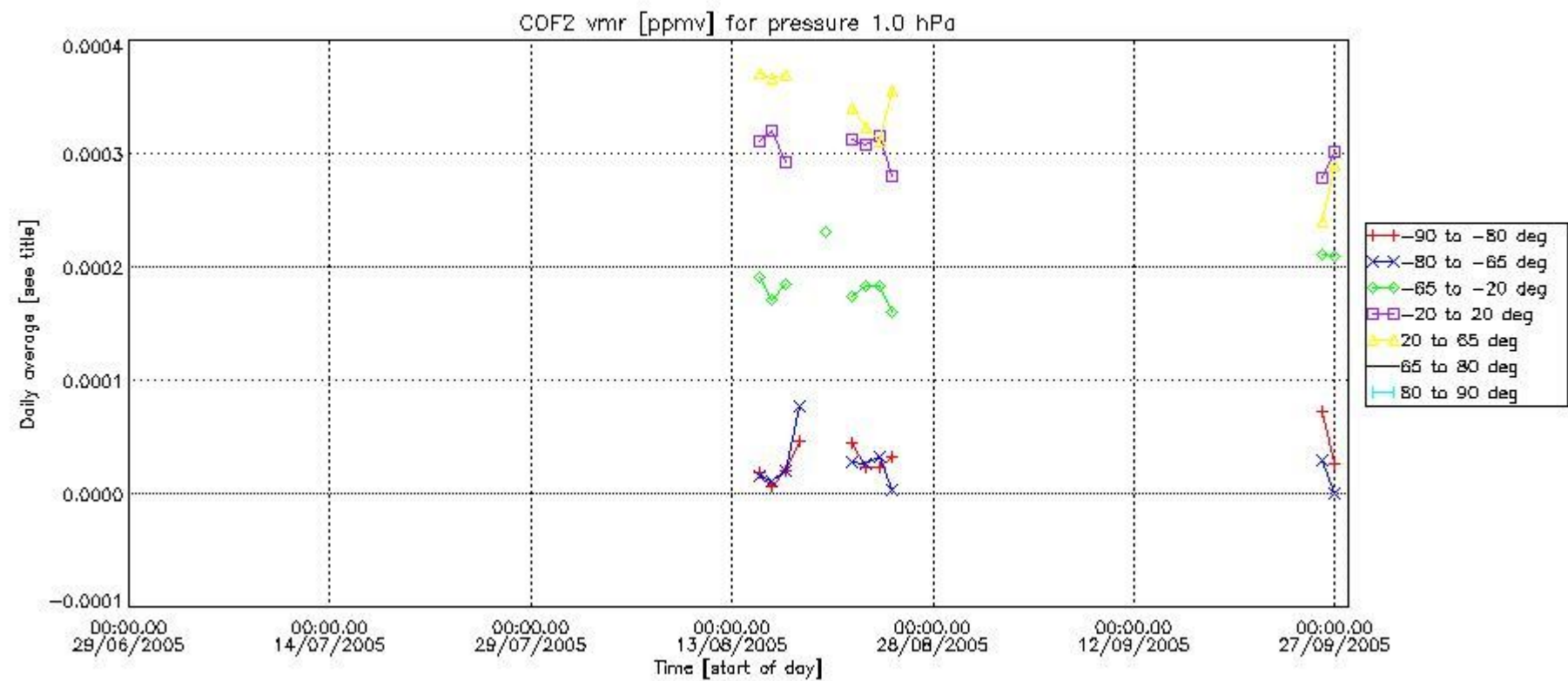


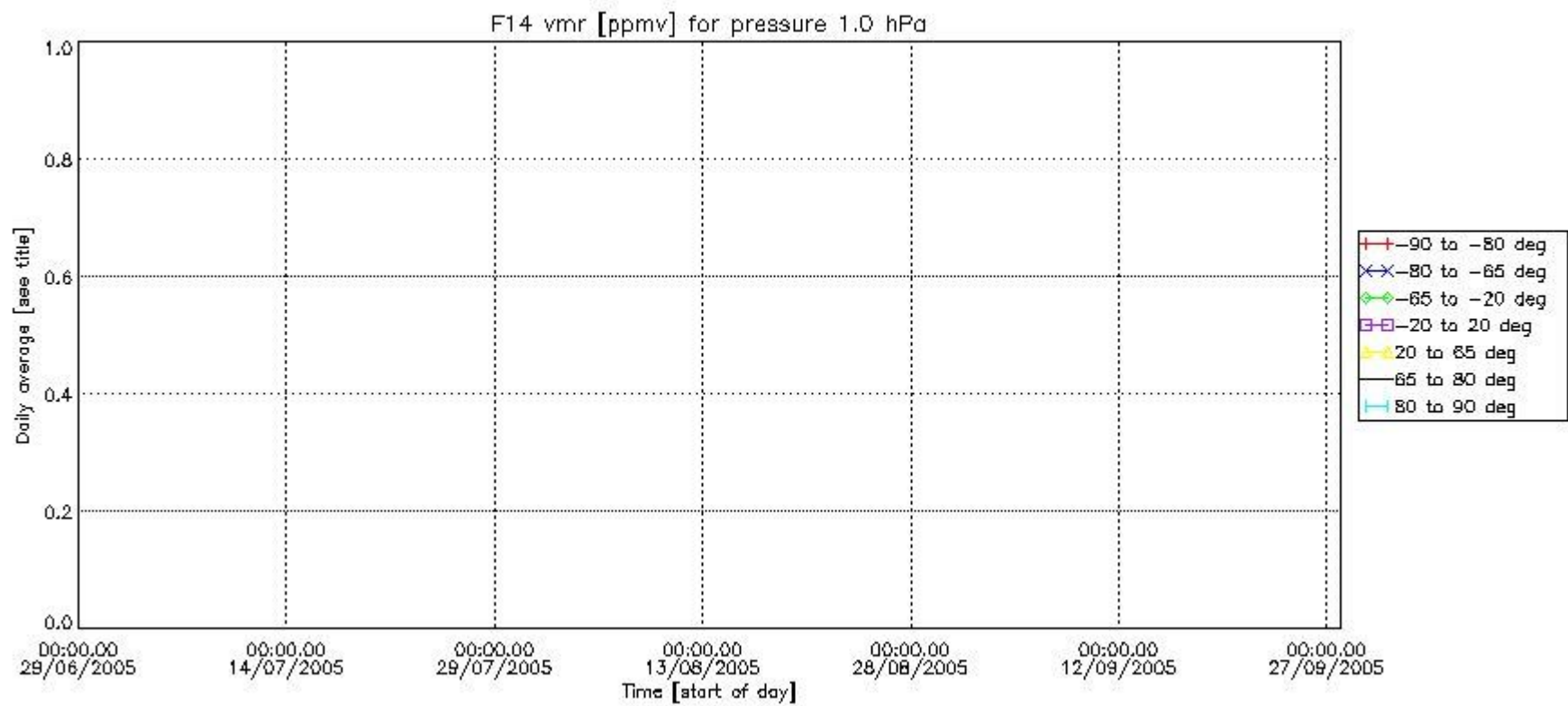
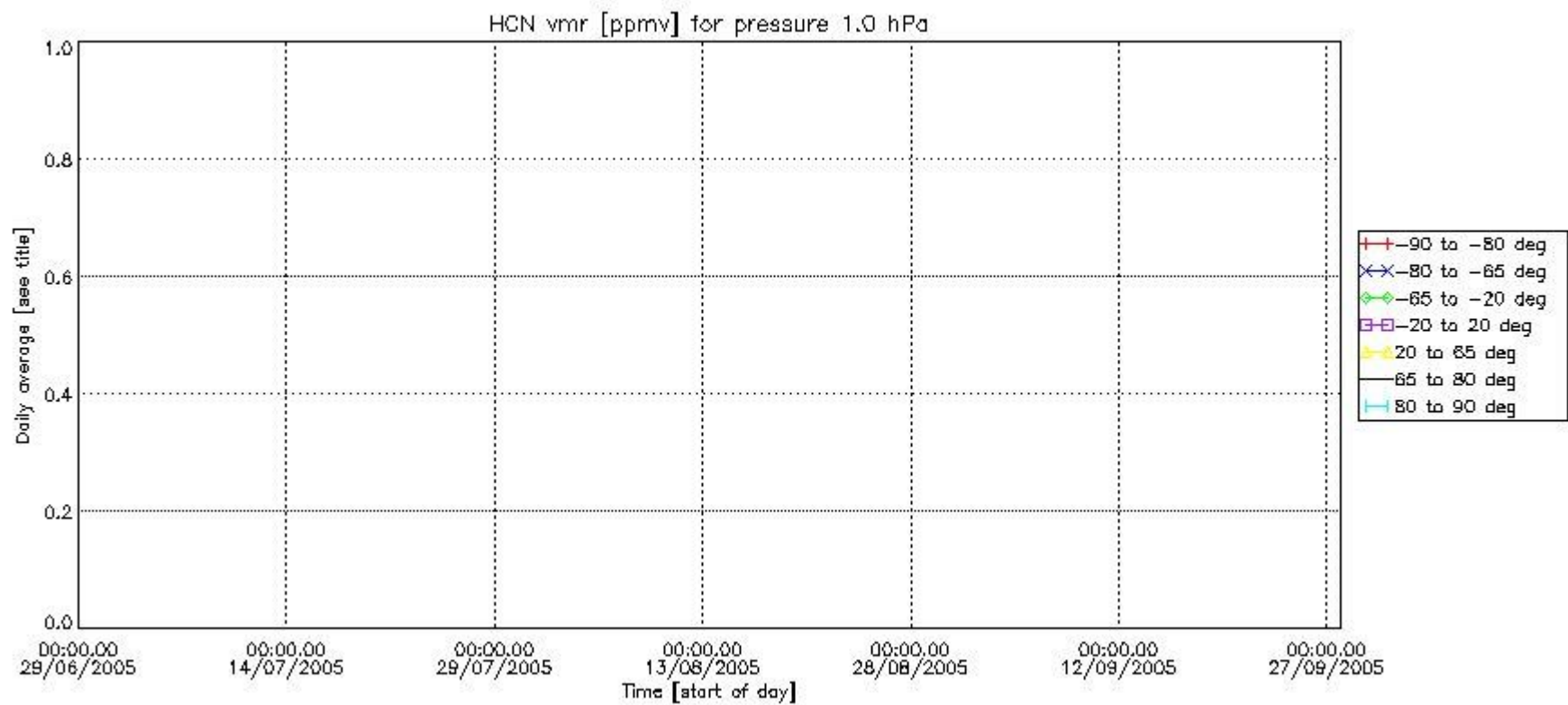


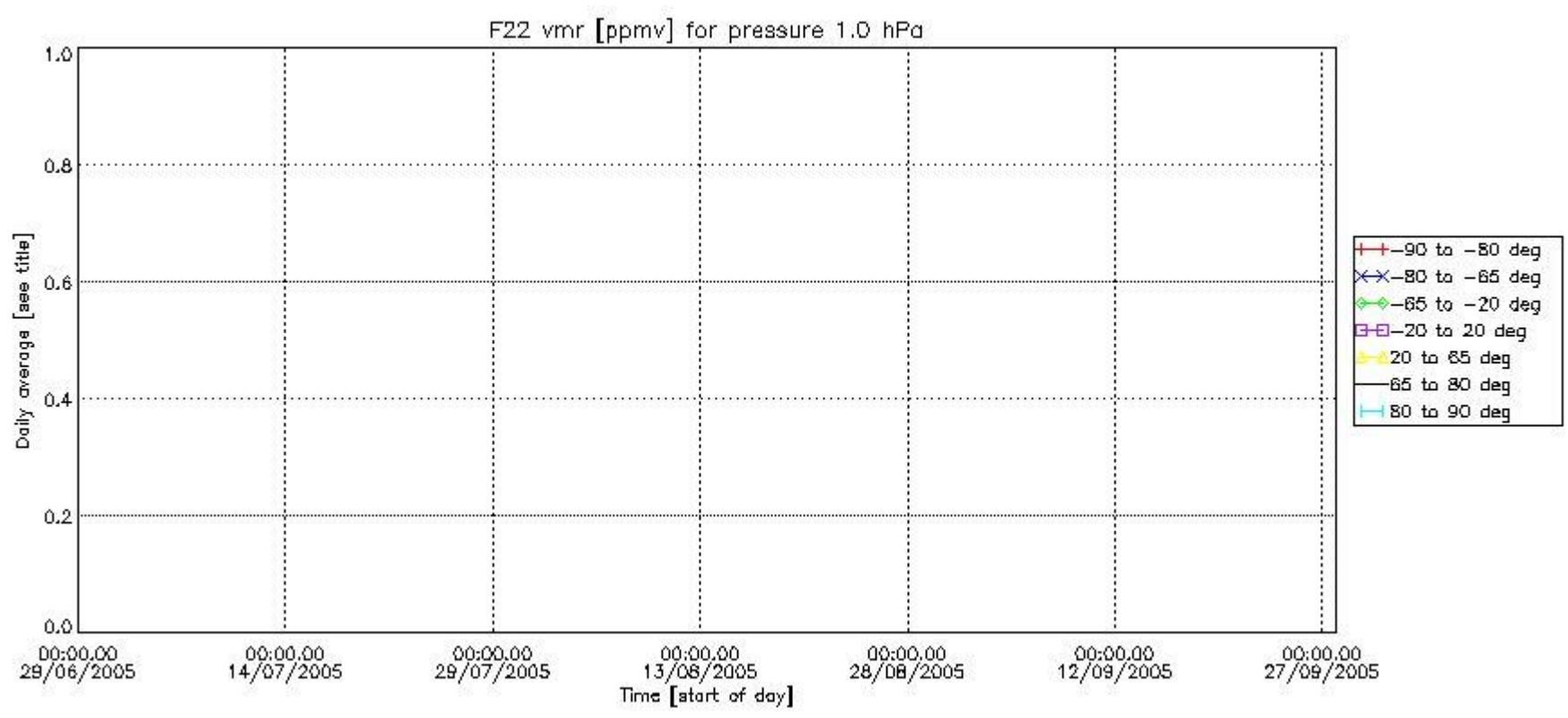












Number of successful retrievals vs. geolocation (*=day side , triangle=night side).

