

2. MIPAS Daily Report for level 2 products summary report

(See [mipas_daily_report_level2_ML2PP_7_03_W_20050928.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 15:09:12
Data source version	ML2PP/7.03-W
Processing scope for products	28SEP2005 00:00:00 to 29SEP2005 00:00:00
Start time of first product within scope	27SEP2005 22:49:04
Stop time of last product within scope	28SEP2005 23:04:10
Total number of level 2 products	9
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__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]
1	MIP_NL__2PWDSI20050928_002946_000005062041_00117_18708_1000.N1	28SEP2005 00:29:46	28SEP2005 00:38:12	0	11/11	
2	MIP_NL__2PWDSI20050928_071543_000057672041_00121_18712_1000.N1	28SEP2005 07:15:43	28SEP2005 08:51:50	0	103/103	VMR_TERM_MACRO_MICRO[HCN/macro:3; CLNO/micro:1]
3	MIP_NL__2PWDSI20050928_085240_000060302041_00122_18713_1000.N1	28SEP2005 08:52:40	28SEP2005 10:33:09	0	128/128	VMR_TERM_MACRO_MICRO[CLNO/micro:3; HCN/micro:1]
4	MIP_NL__2PWDSI20050928_103316_000060352041_00123_18714_1000.N1	28SEP2005 10:33:16	28SEP2005 12:13:51	0	133/133	
5	MIP_NL__2PWDSI20050928_121357_000005062041_00124_18715_1000.N1	28SEP2005 12:13:57	28SEP2005 12:22:23	0	11/11	
6	MIP_NL__2PWDSI20050928_185955_000057662041_00128_18719_1000.N1	28SEP2005 18:59:55	28SEP2005 20:36:01	0	103/103	VMR_TERM_MACRO_MICRO[HCN/macro:2; CLNO/micro:1; HCN/micro:3]
7	MIP_NL__2PWDSI20050928_203651_000060302041_00129_18720_1000.N1	28SEP2005 20:36:51	28SEP2005 22:17:21	0	128/128	VMR_TERM_MACRO_MICRO[HCN/macro:1; F14/macro:2; O3/micro:1; HCN/micro:1]
8	MIP_NL__2PWDSI20050928_221727_000028032041_00130_18721_1000.N1	28SEP2005 22:17:27	28SEP2005 23:04:10	0	62/62	VMR_TERM_MACRO_MICRO[HCN/micro:1]

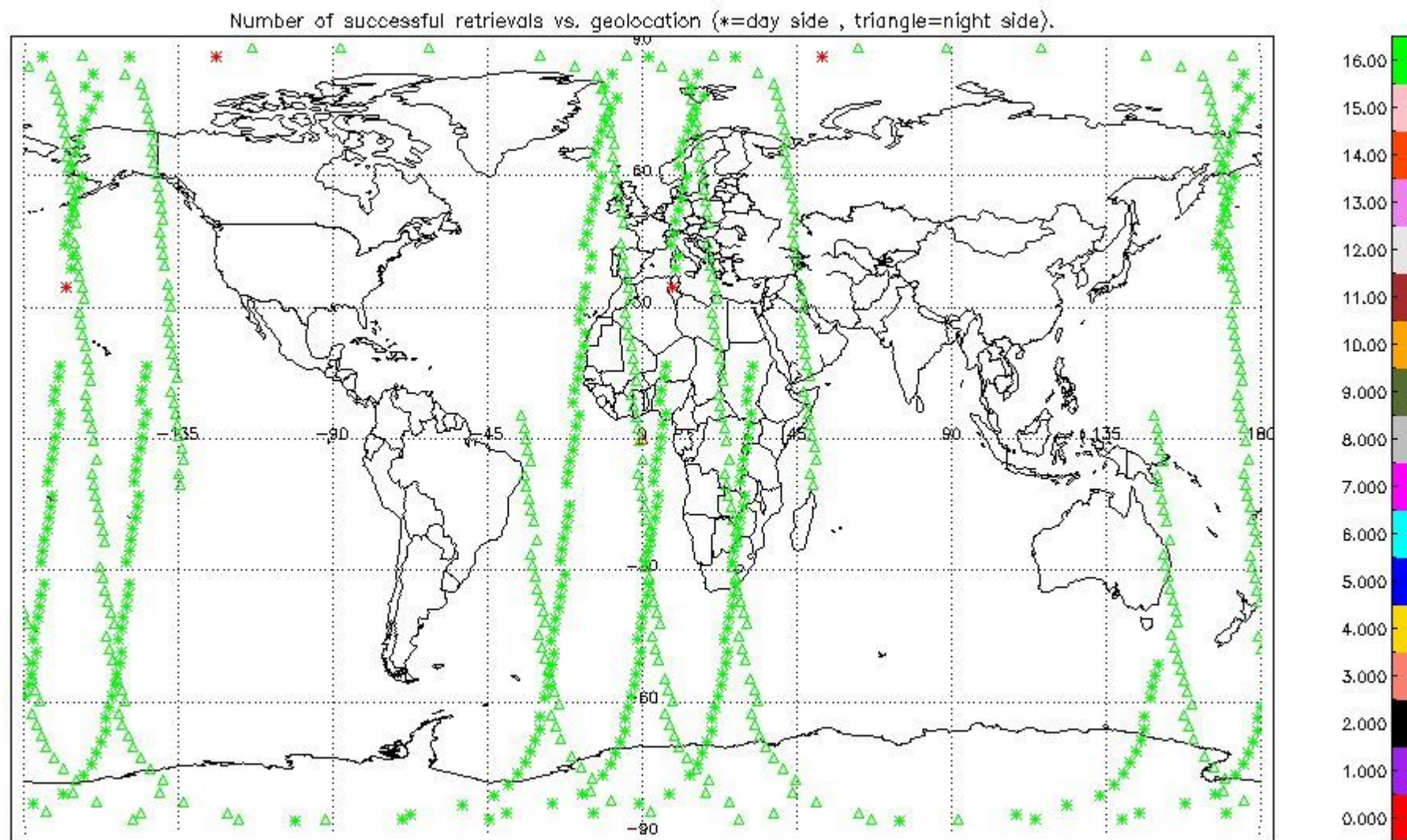
2.2 Processing performance indicators

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.

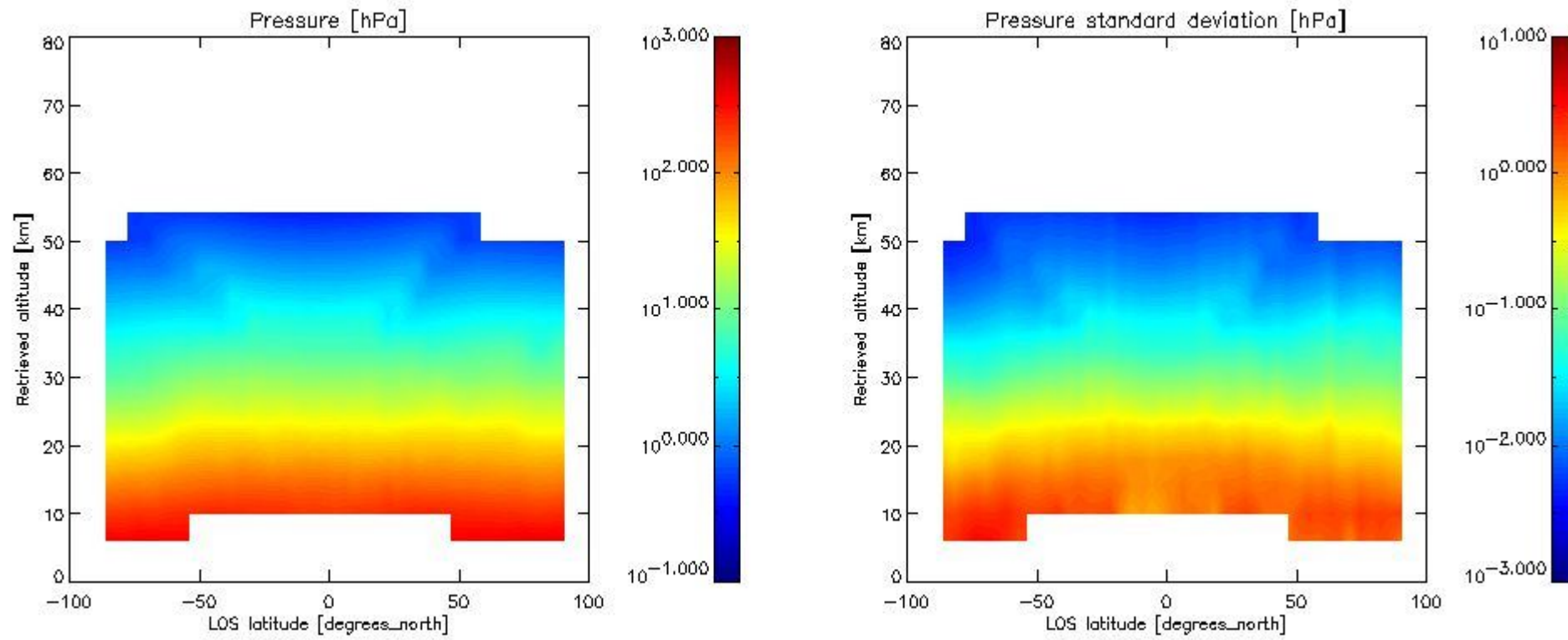
RETRIEVAL MDS	# scans processed	# Successful retrievals	%
PT	812	710	87.438

H2O	812	710	87.438
O3	812	710	87.438
HNO3	812	710	87.438
CH4	812	710	87.438
N2O	812	710	87.438
NO2	812	710	87.438
F11	812	710	87.438
CLNO	812	710	87.438
N2O5	812	710	87.438
F12	812	710	87.438
COF2	812	710	87.438
CCL4	812	710	87.438
HCN	812	710	87.438
F14	812	710	87.438
F22	812	710	87.438



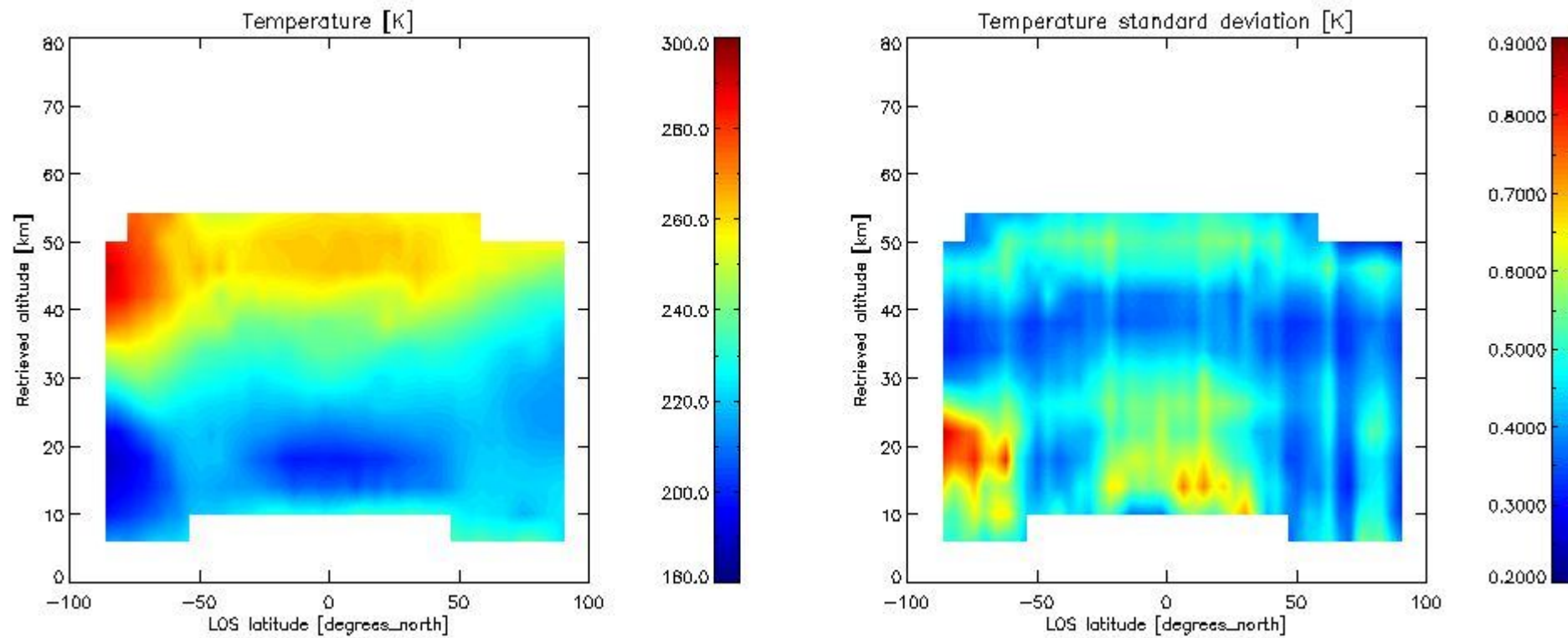
2.2.2 Pressure overview

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



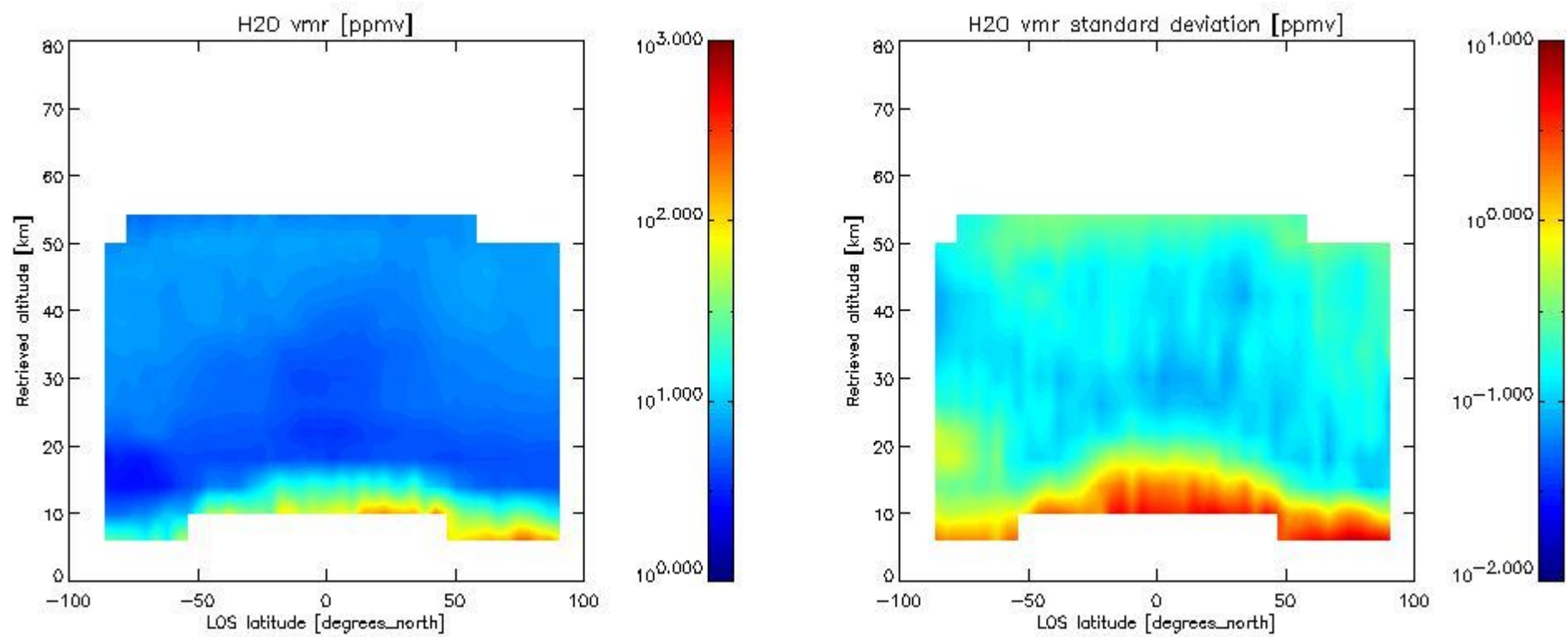
2.2.3 Temperature overview

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

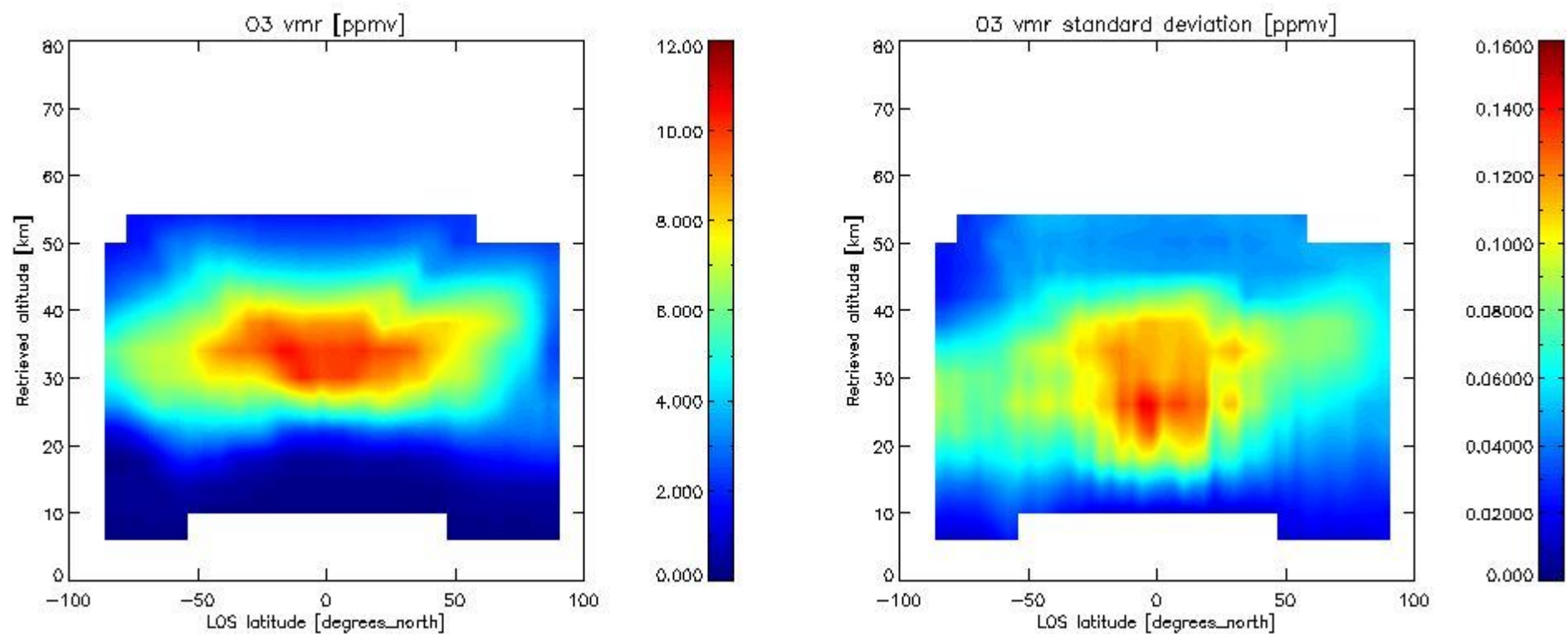


2.2.4 Species overview

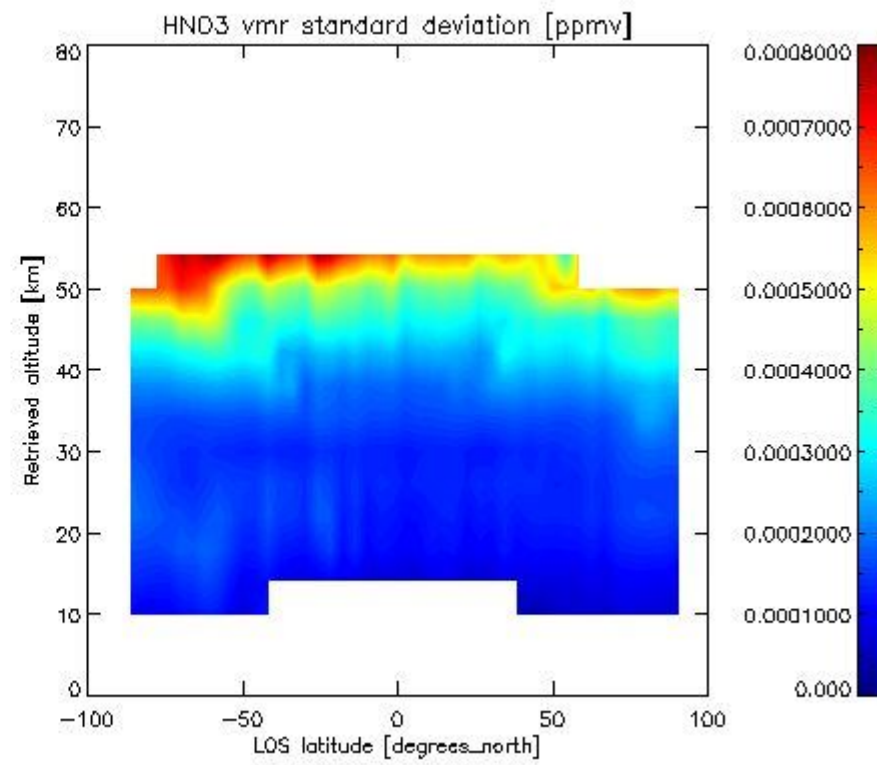
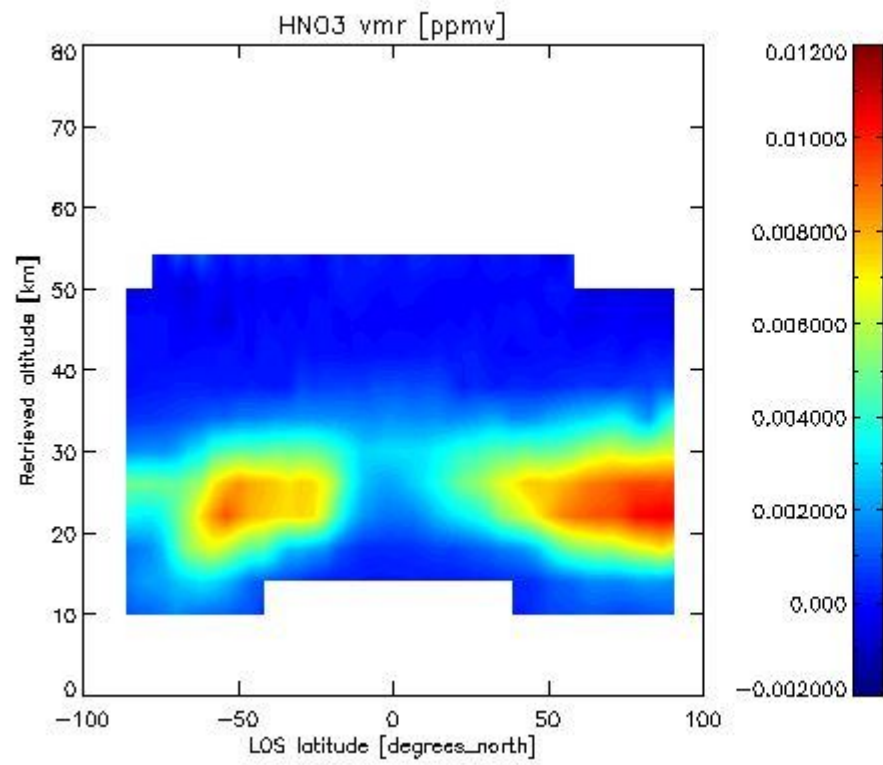
2.2.4.1 H₂O overview This section shows values (left) and error (right) for H₂O after binning individual sweep values over retrieved altitude and tangent latitude.



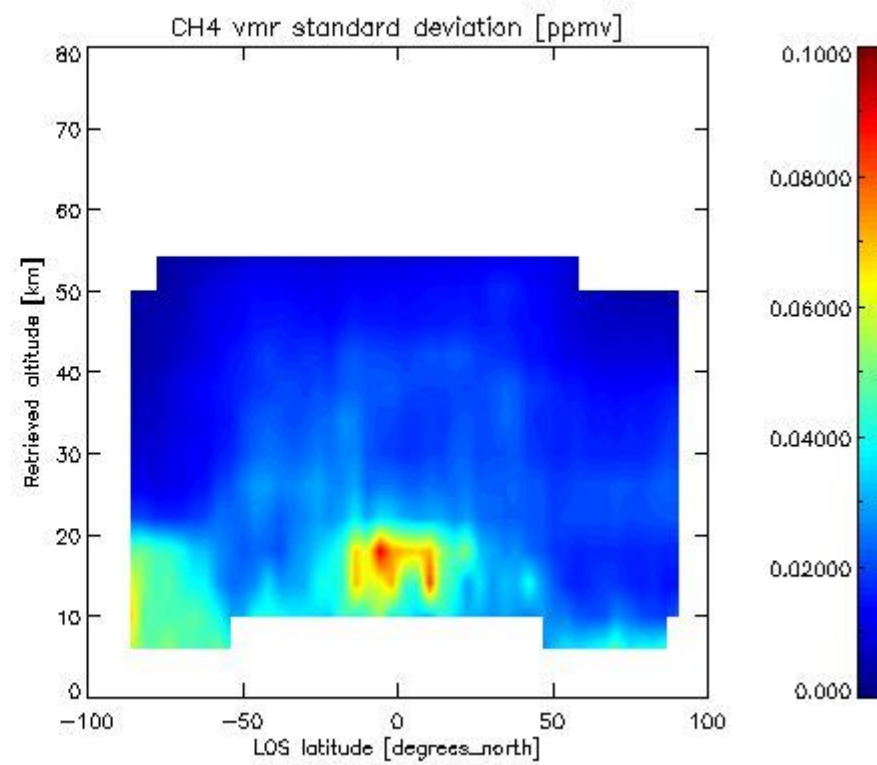
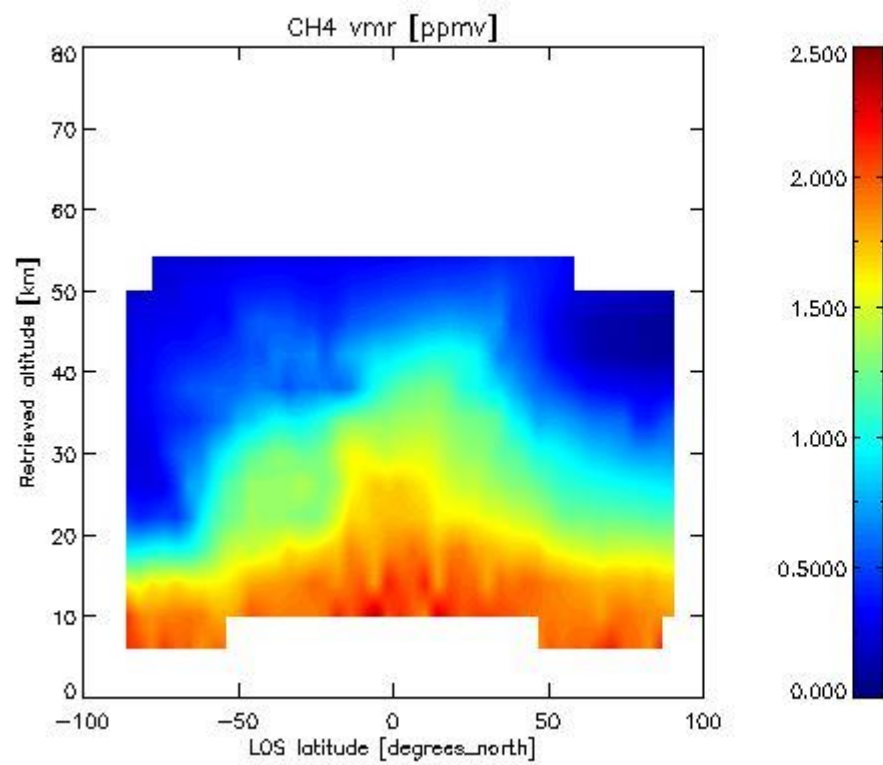
2.2.4.2 O₃ overview This section shows values (left) and error (right) for O₃ after binning individual sweep values over retrieved altitude and tangent latitude.



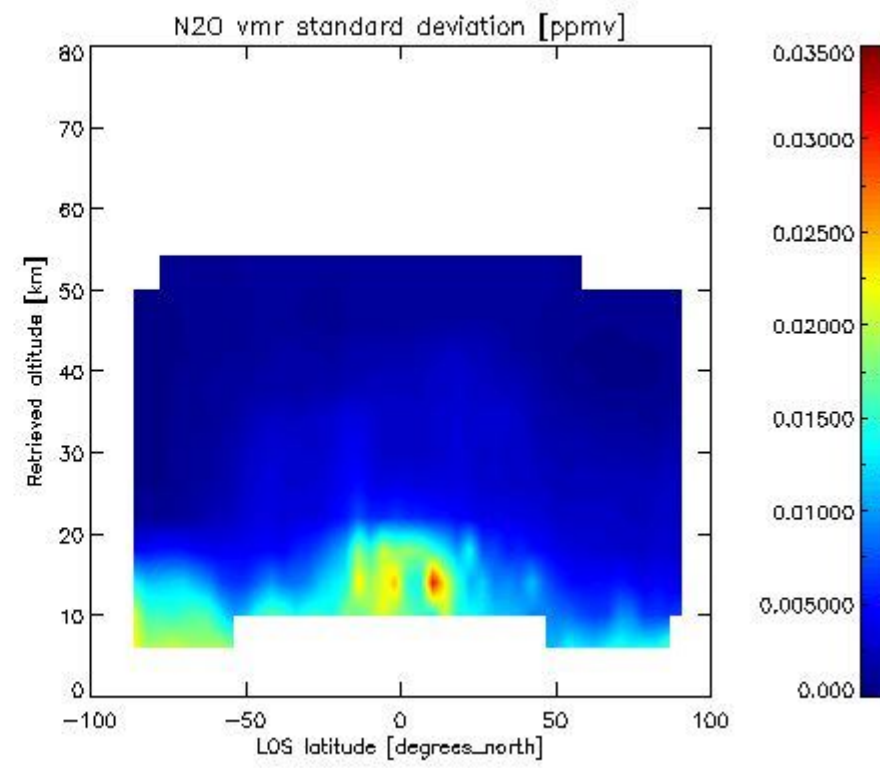
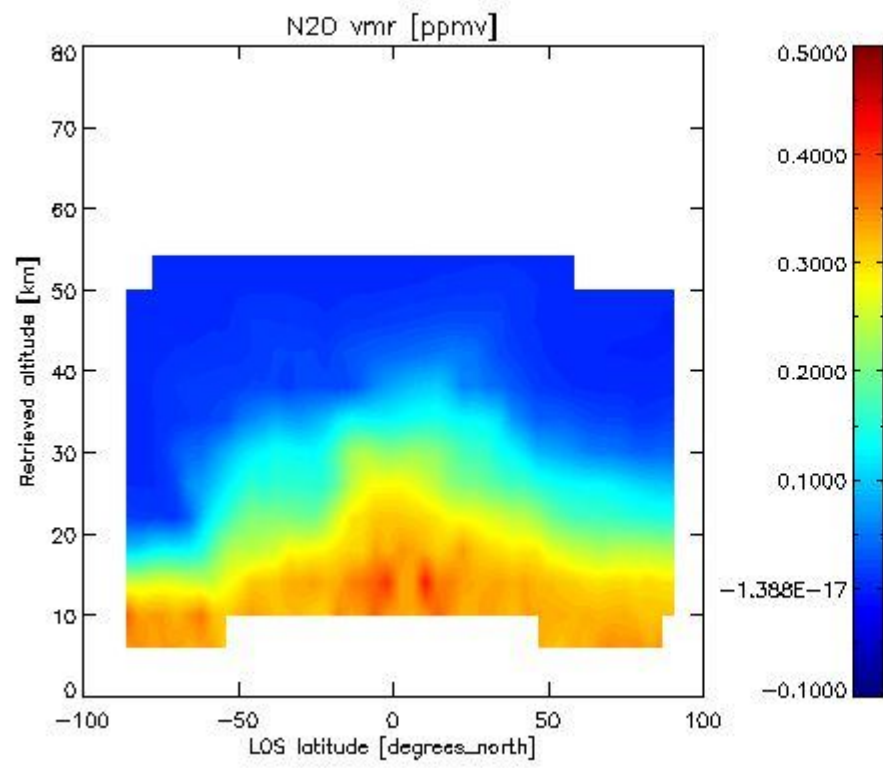
2.2.4.3 HNO₃ overview This section shows values (left) and error (right) for HNO₃ after binning individual sweep values over retrieved altitude and tangent latitude.



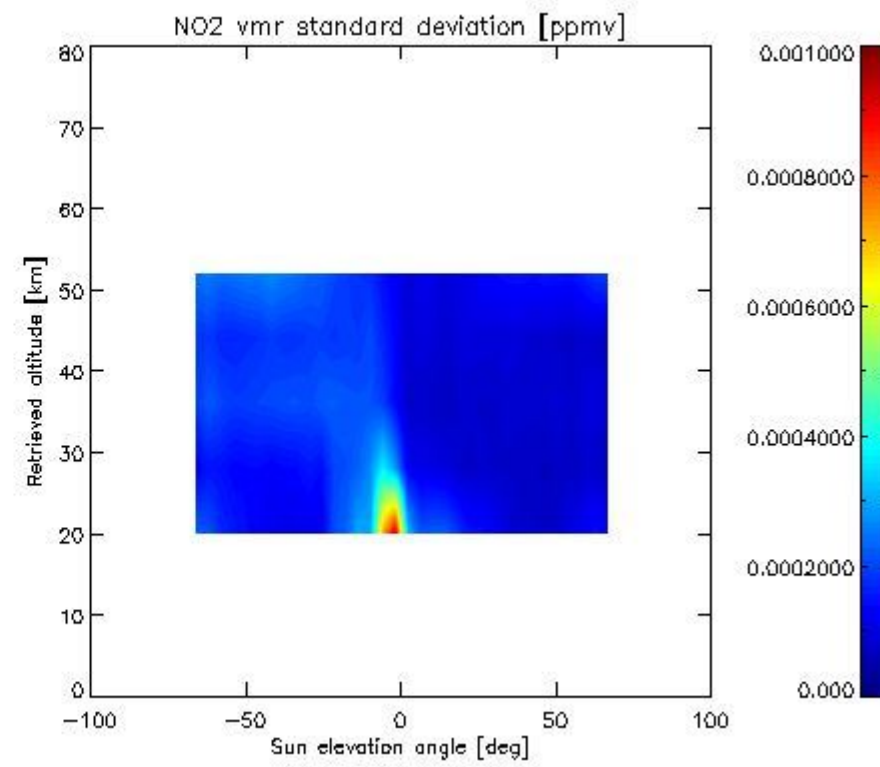
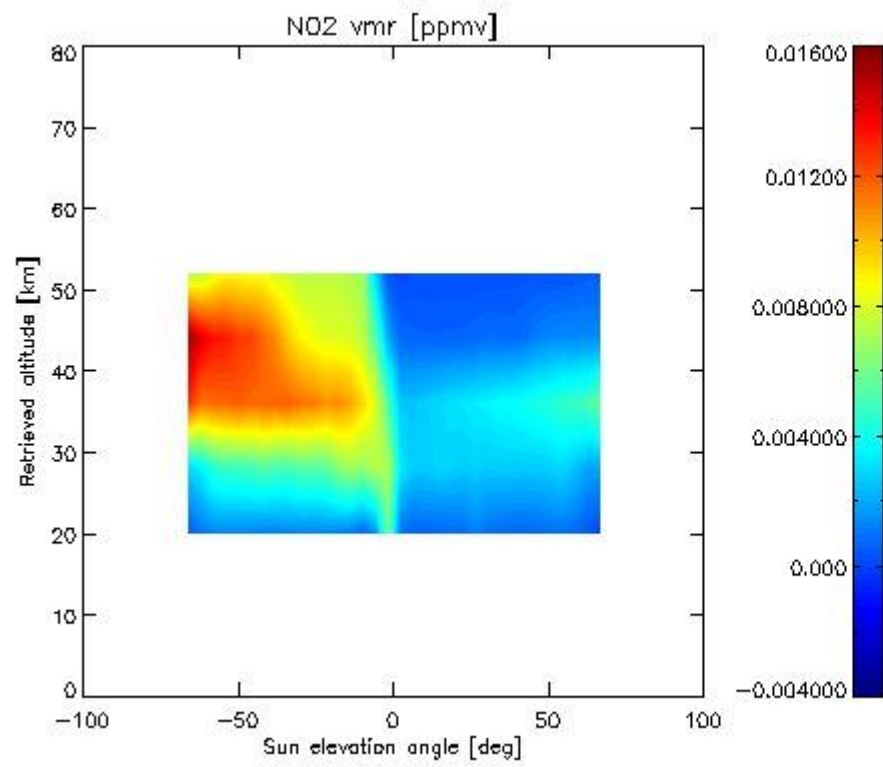
2.2.4.4 CH4 overview This section shows values (left) and error (right) for CH4 after binning individual sweep values over retrieved altitude and tangent latitude.



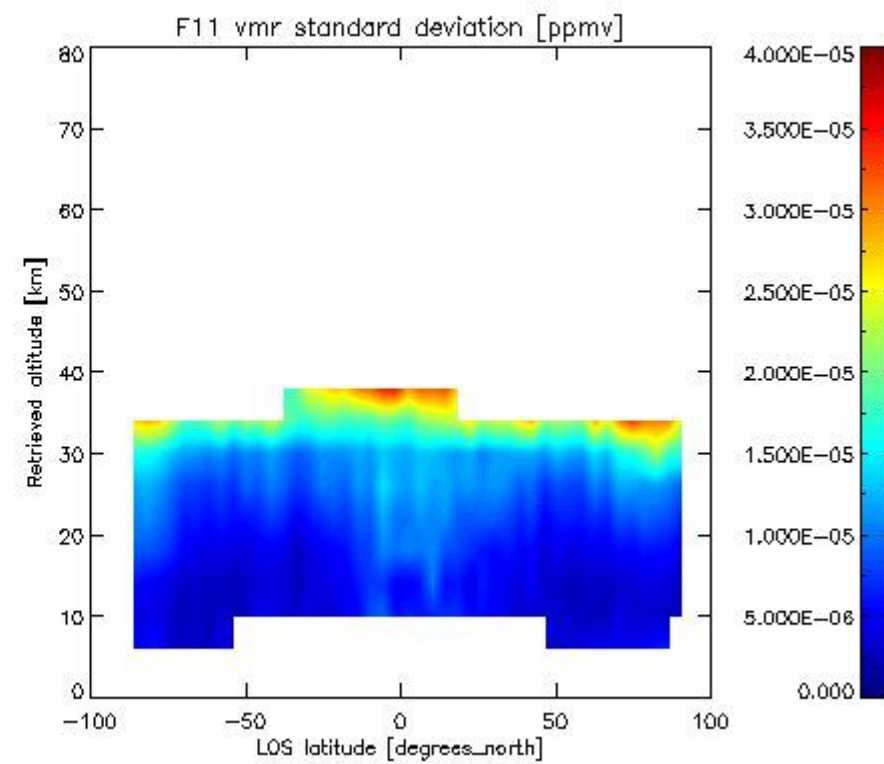
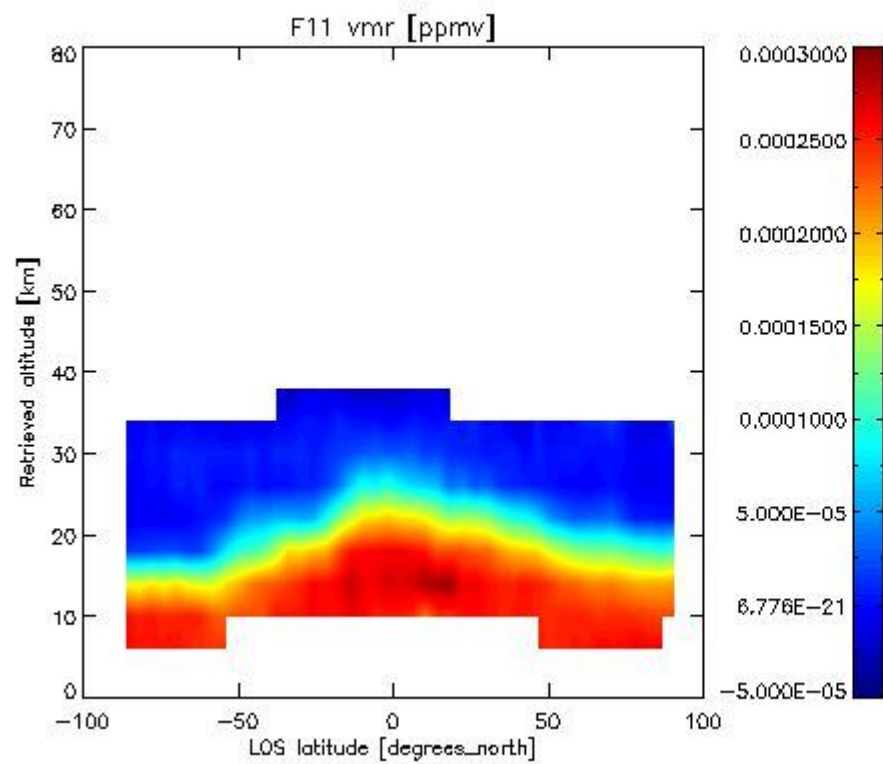
2.2.4.5 N2O overview This section shows values (left) and error (right) for N2O after binning individual sweep values over retrieved altitude and tangent latitude.



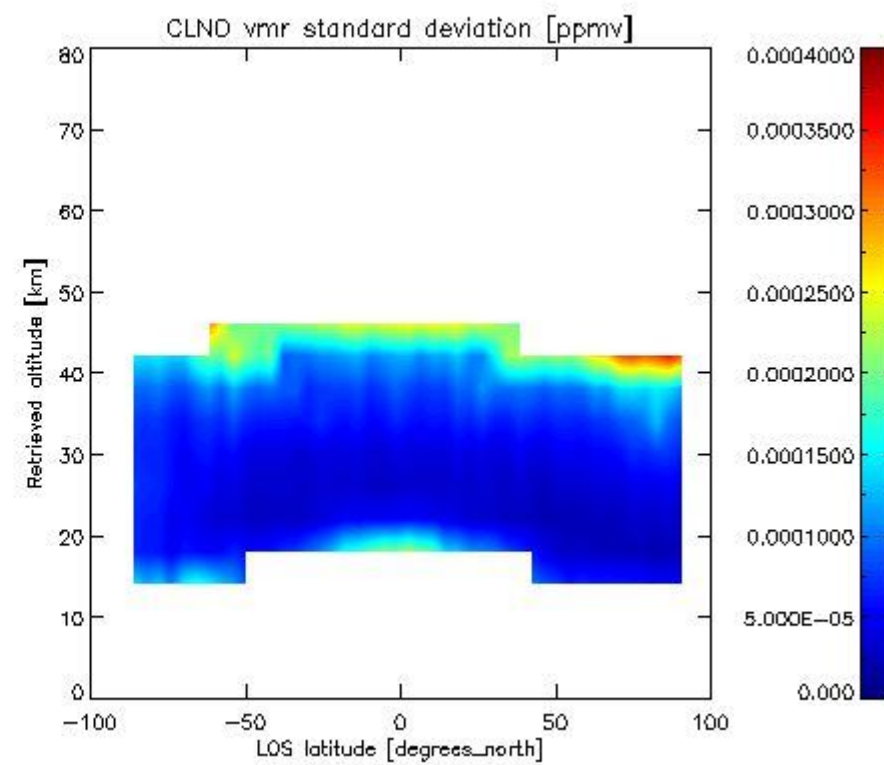
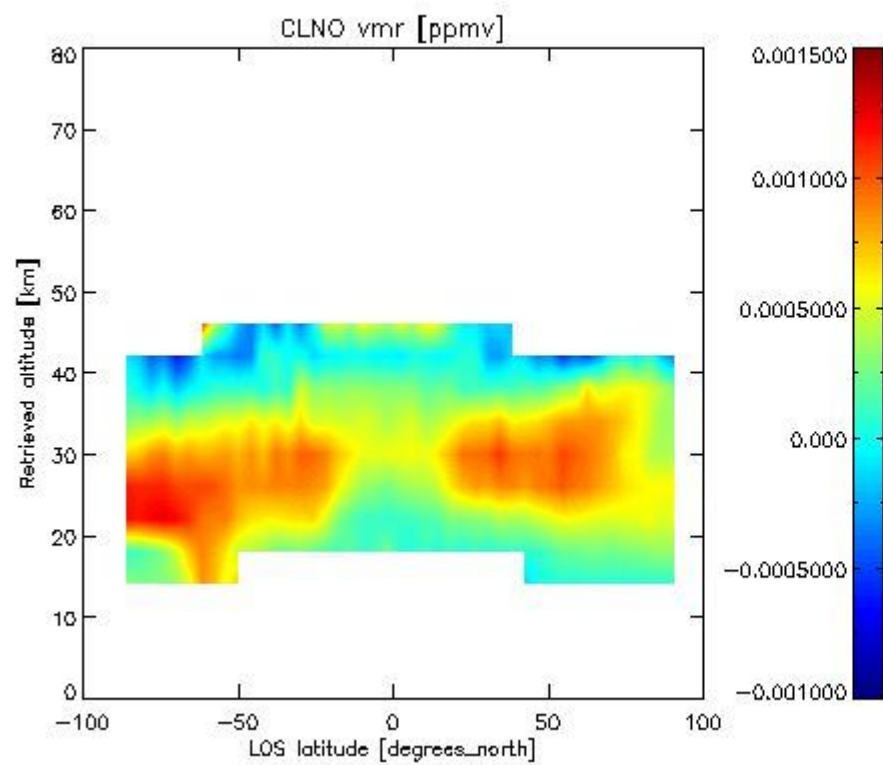
2.2.4.6 NO₂ overview This section shows values (left) and error (right) for NO₂ after binning individual sweep values over retrieved altitude and Sun Elevation Angle. Note that for NO₂ the bin heights are 6 km.

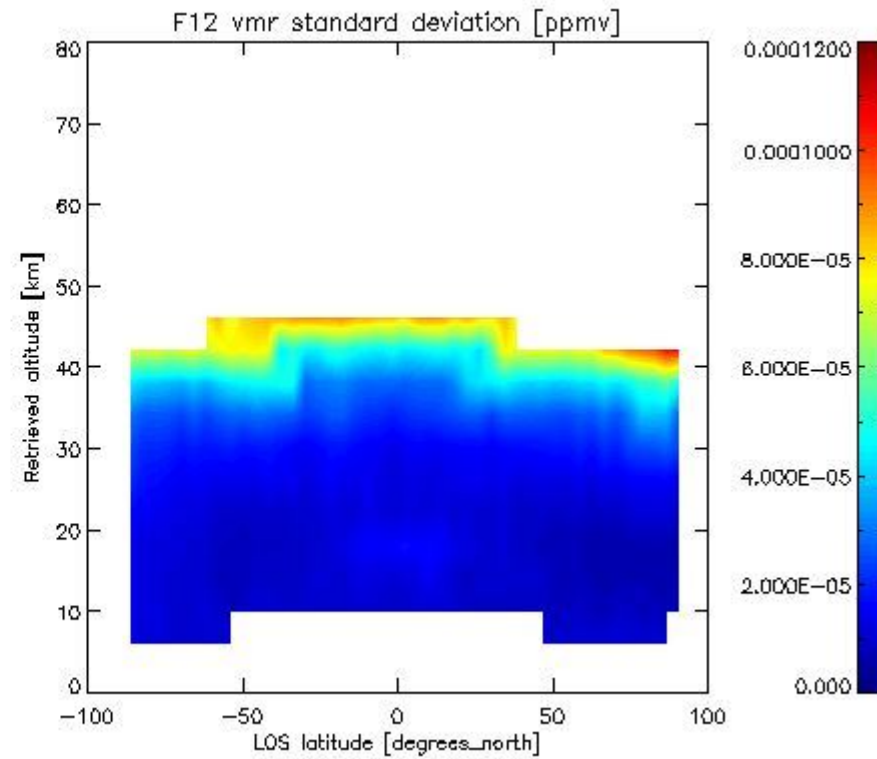
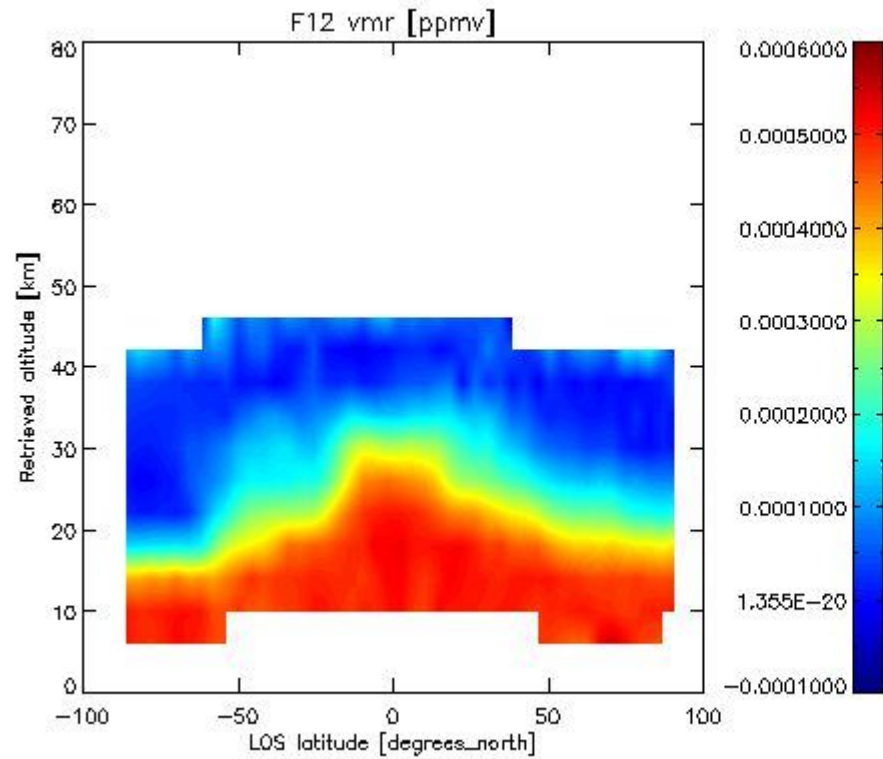
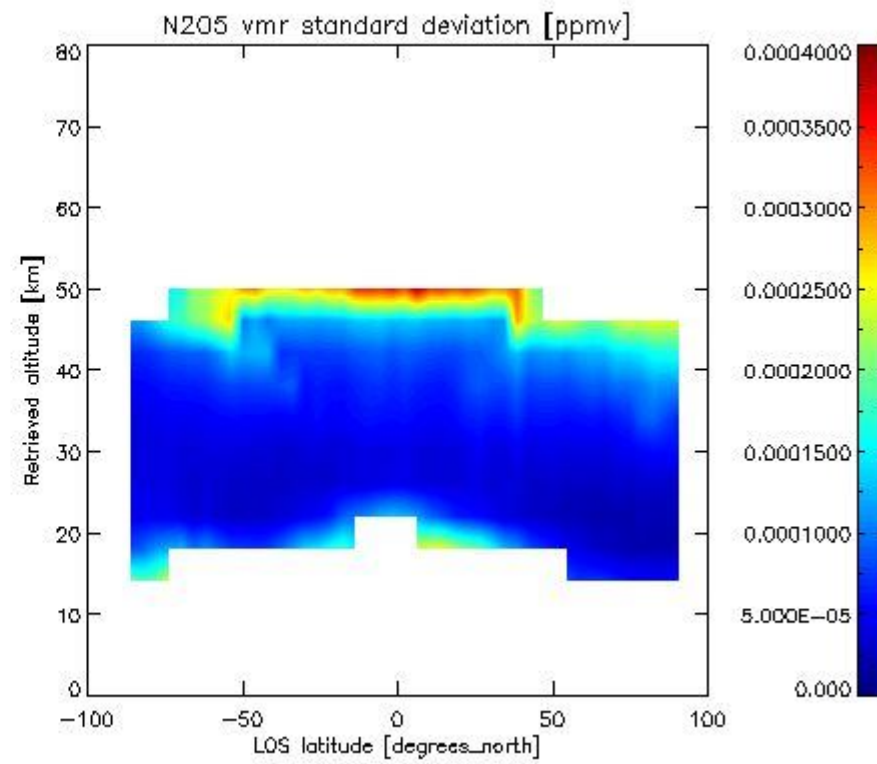
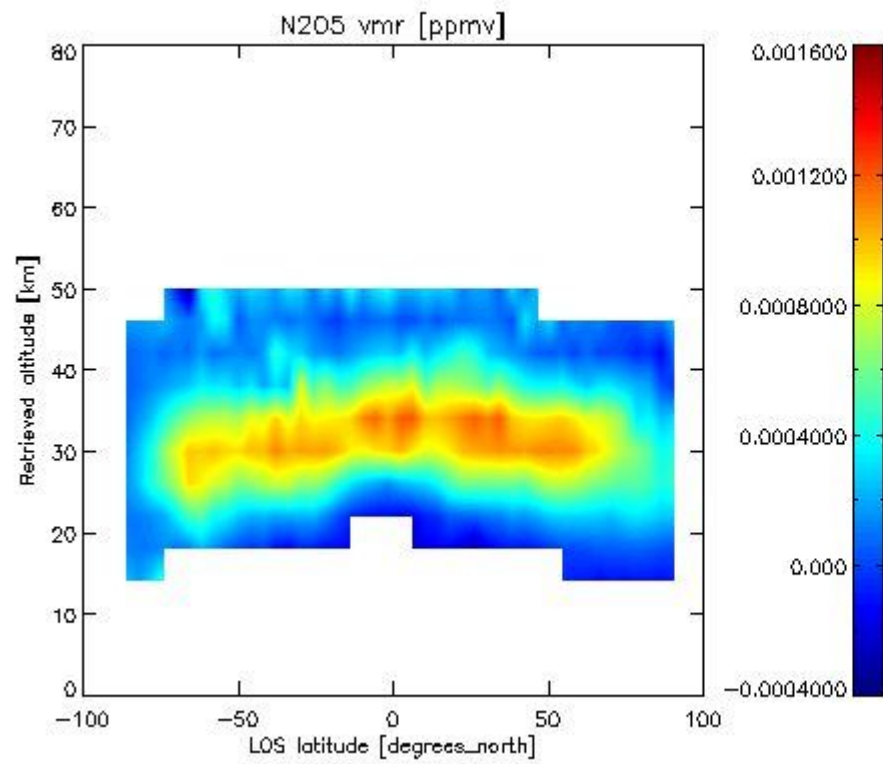


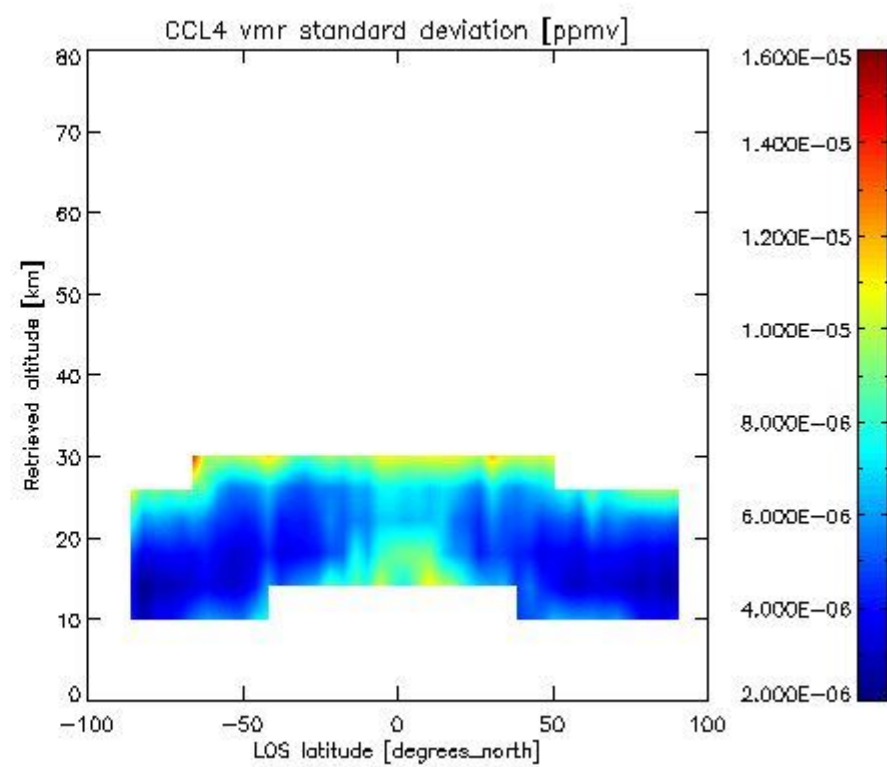
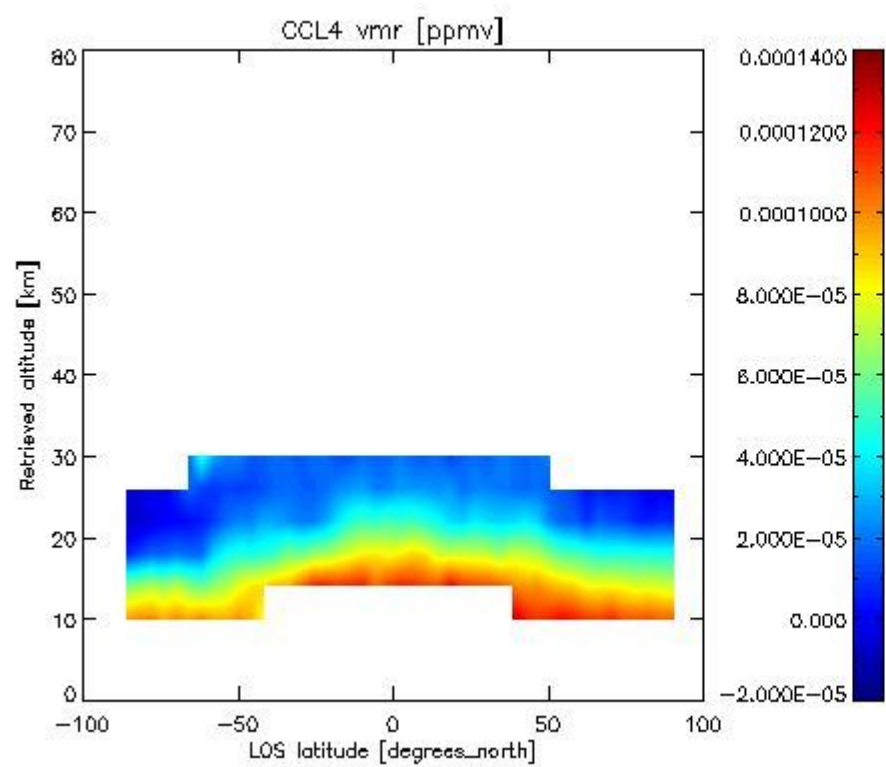
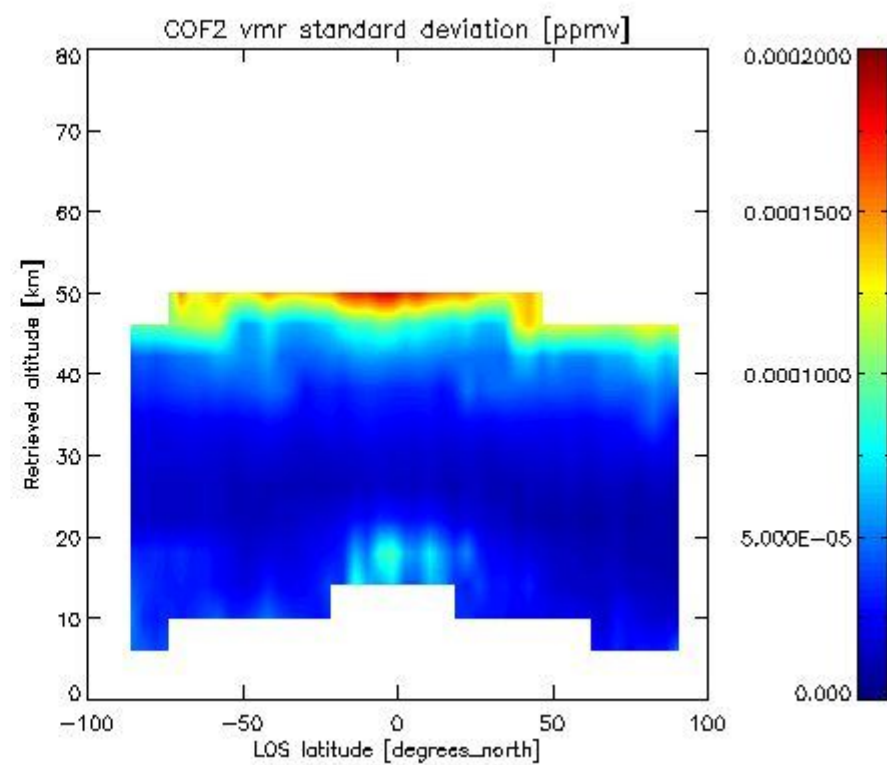
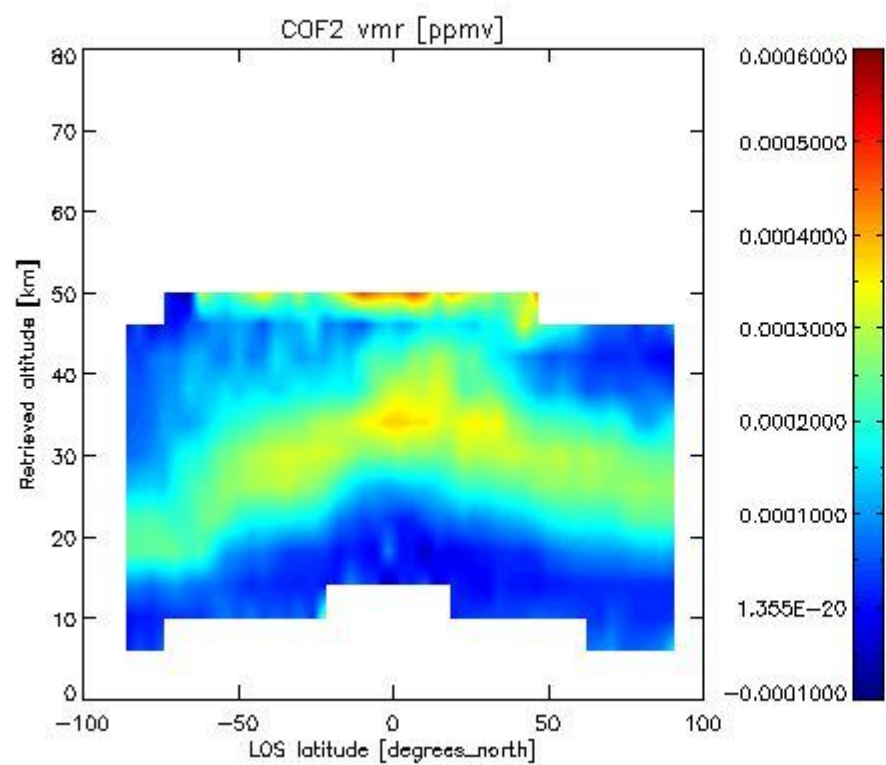
2.2.4.7 F11 overview This section shows values (left) and error (right) for F11 after binning individual sweep values over retrieved altitude and tangent latitude.

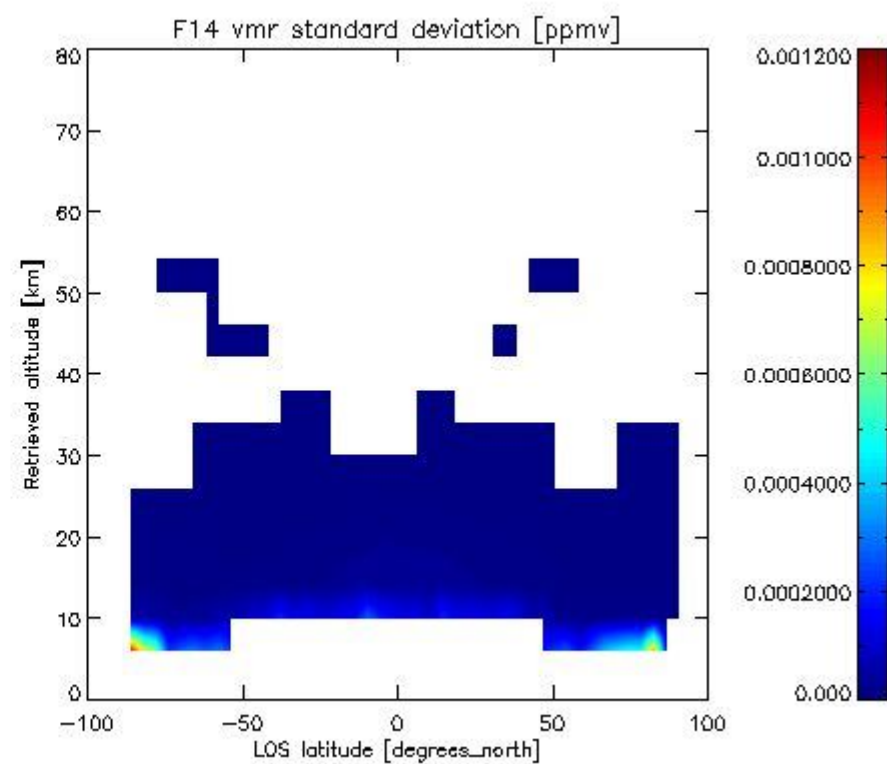
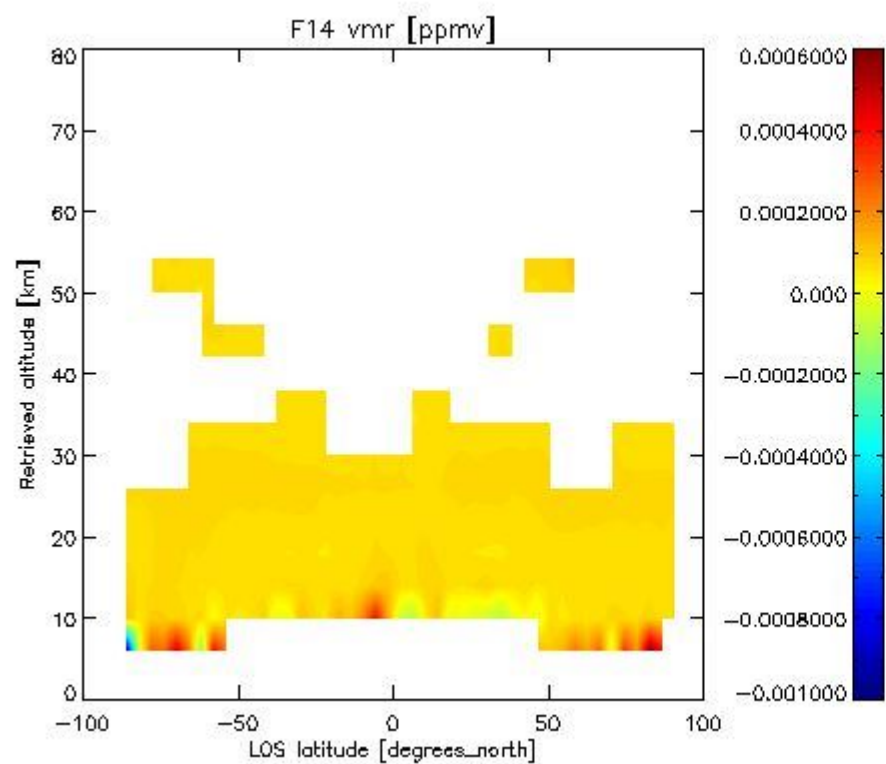
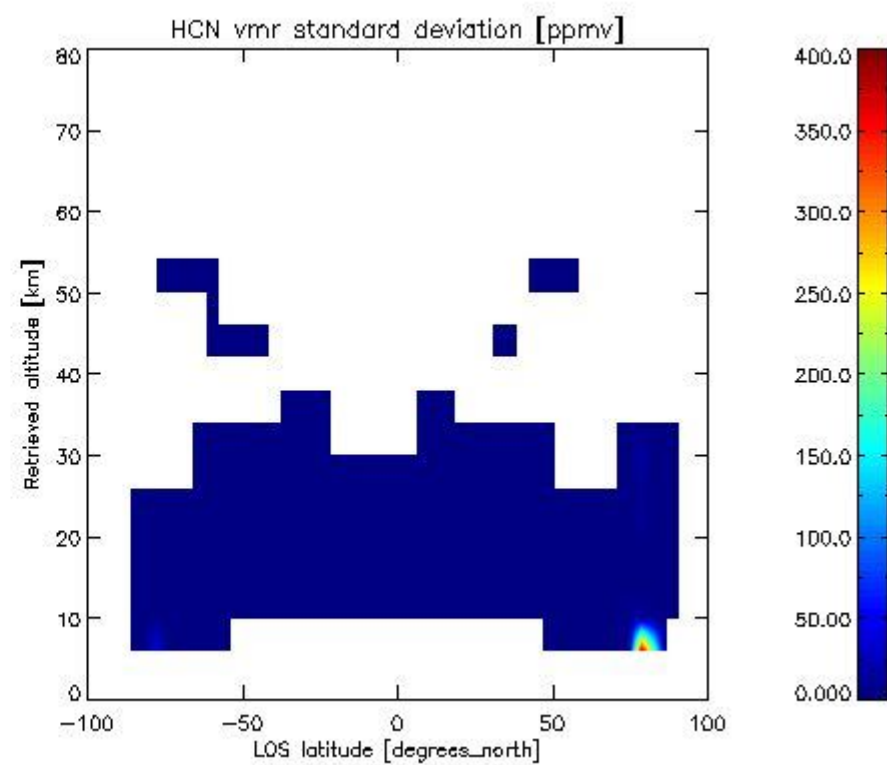
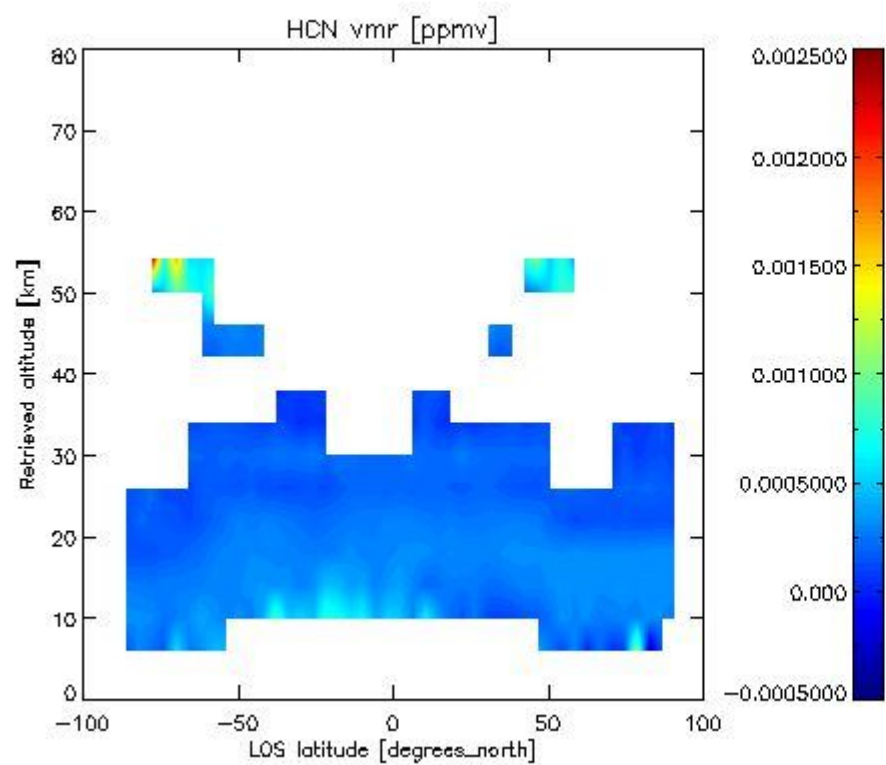


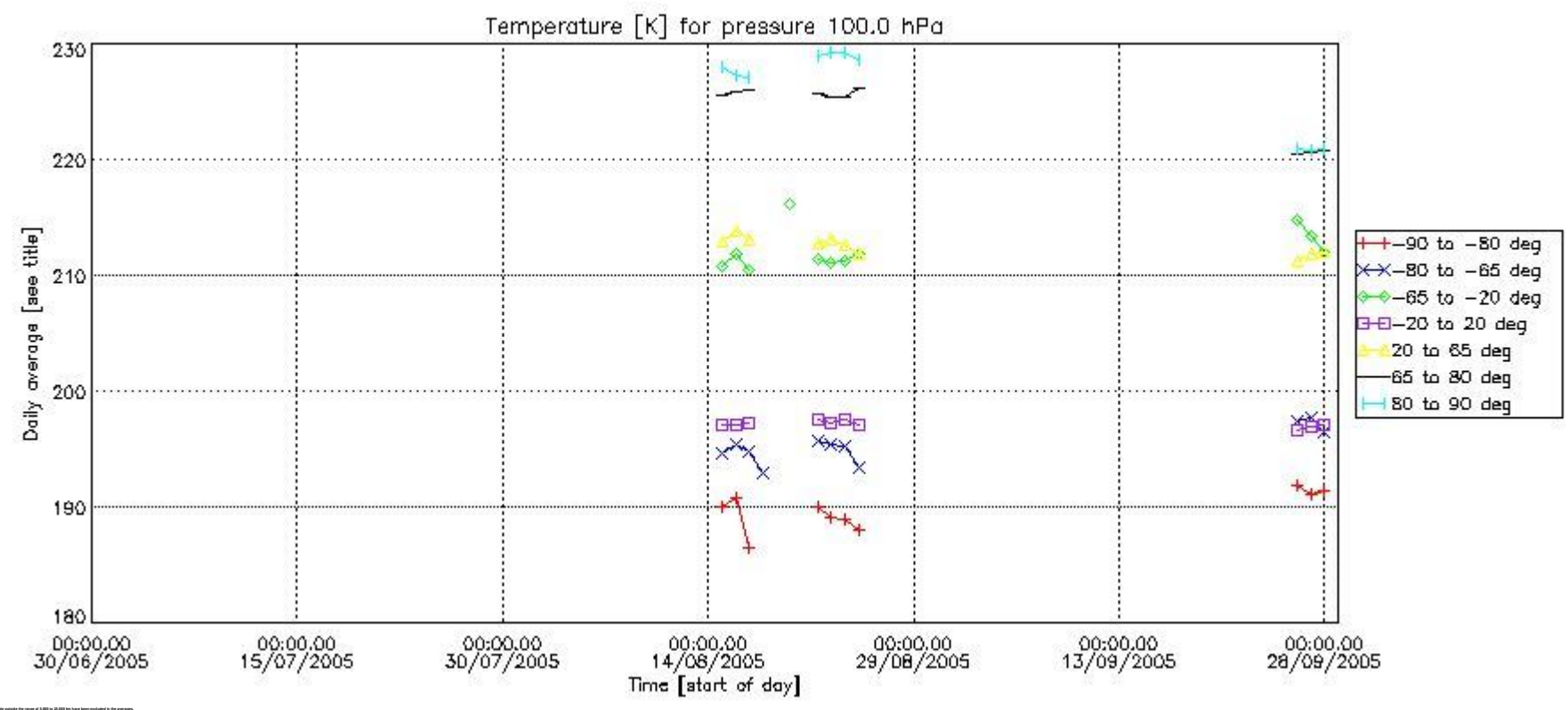
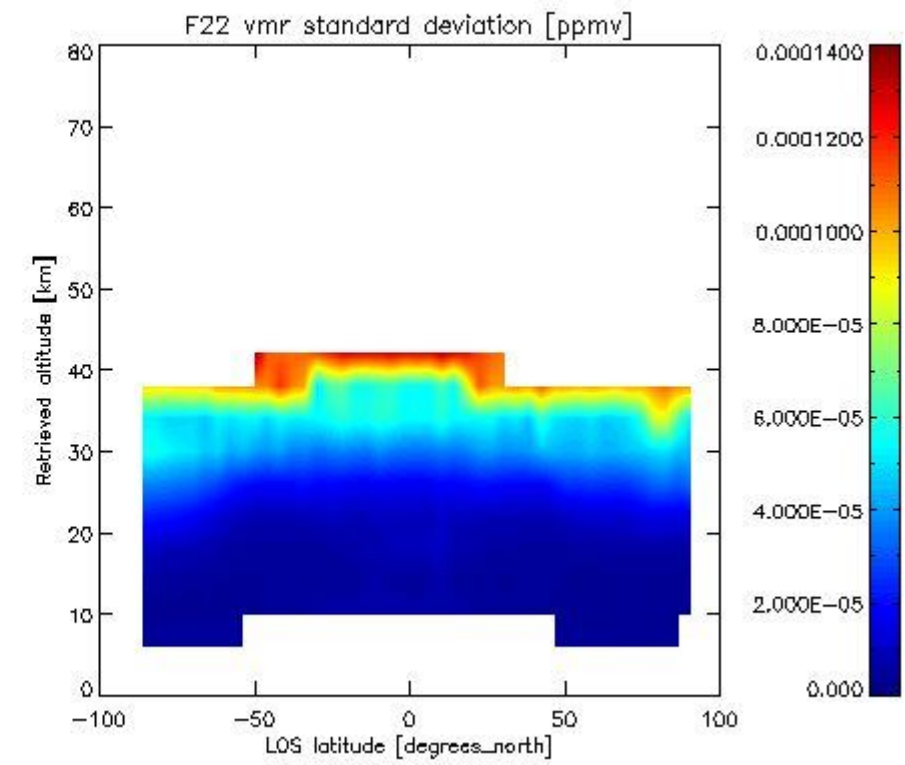
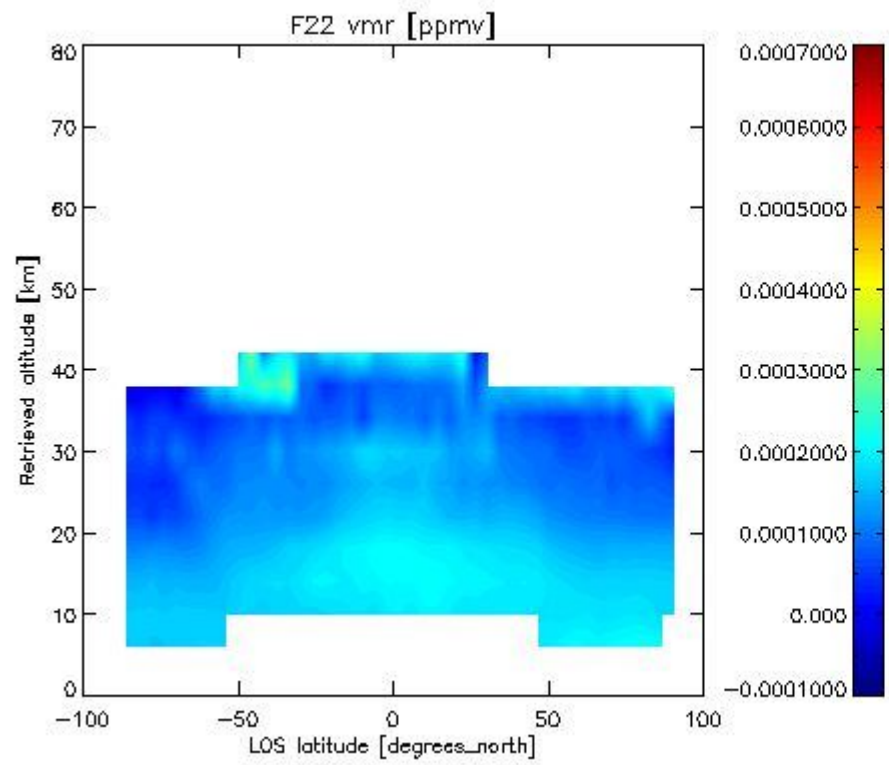
2.3.4.4 CLNO vmr: This section shows values (left) and error (right) for CLNO after binning individual vmr values over retrieved altitude and target latitude.

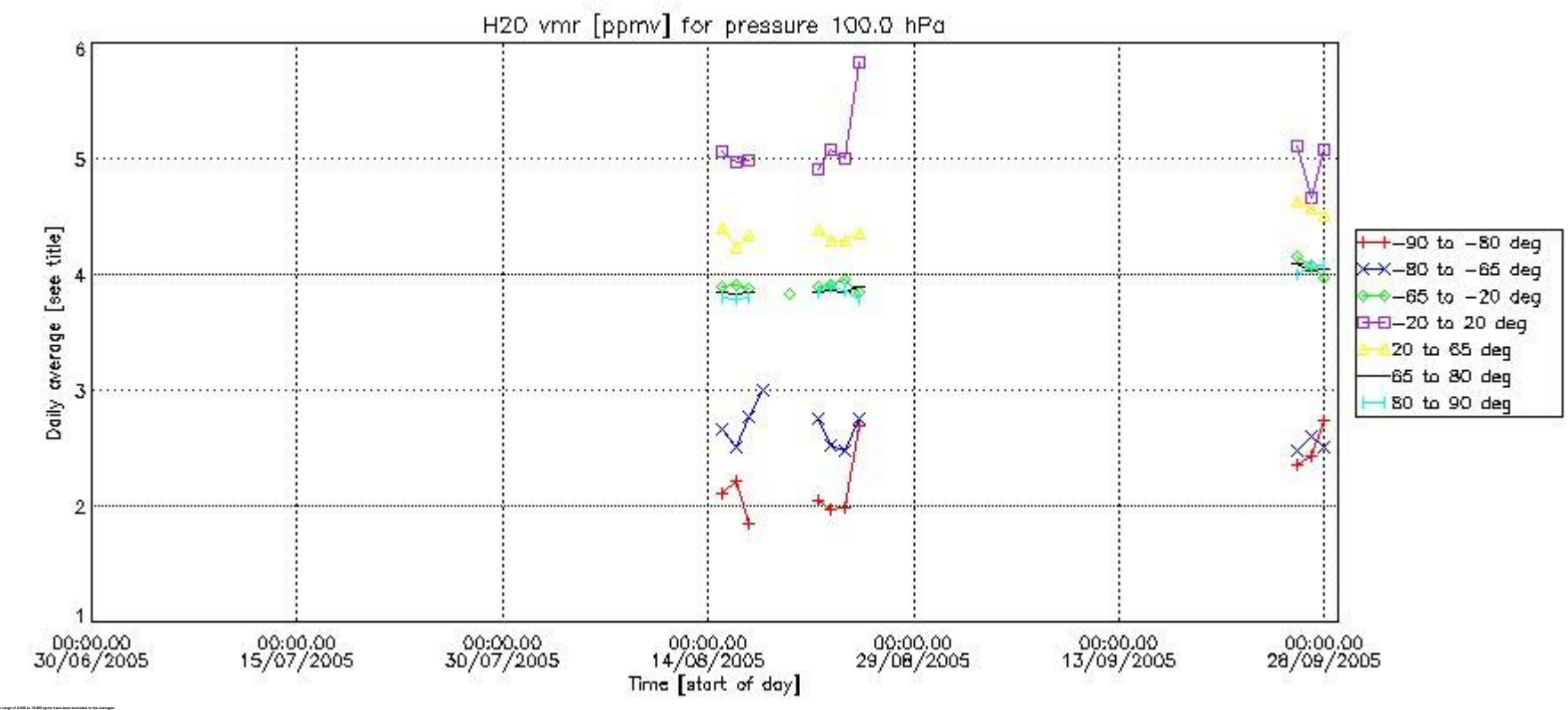
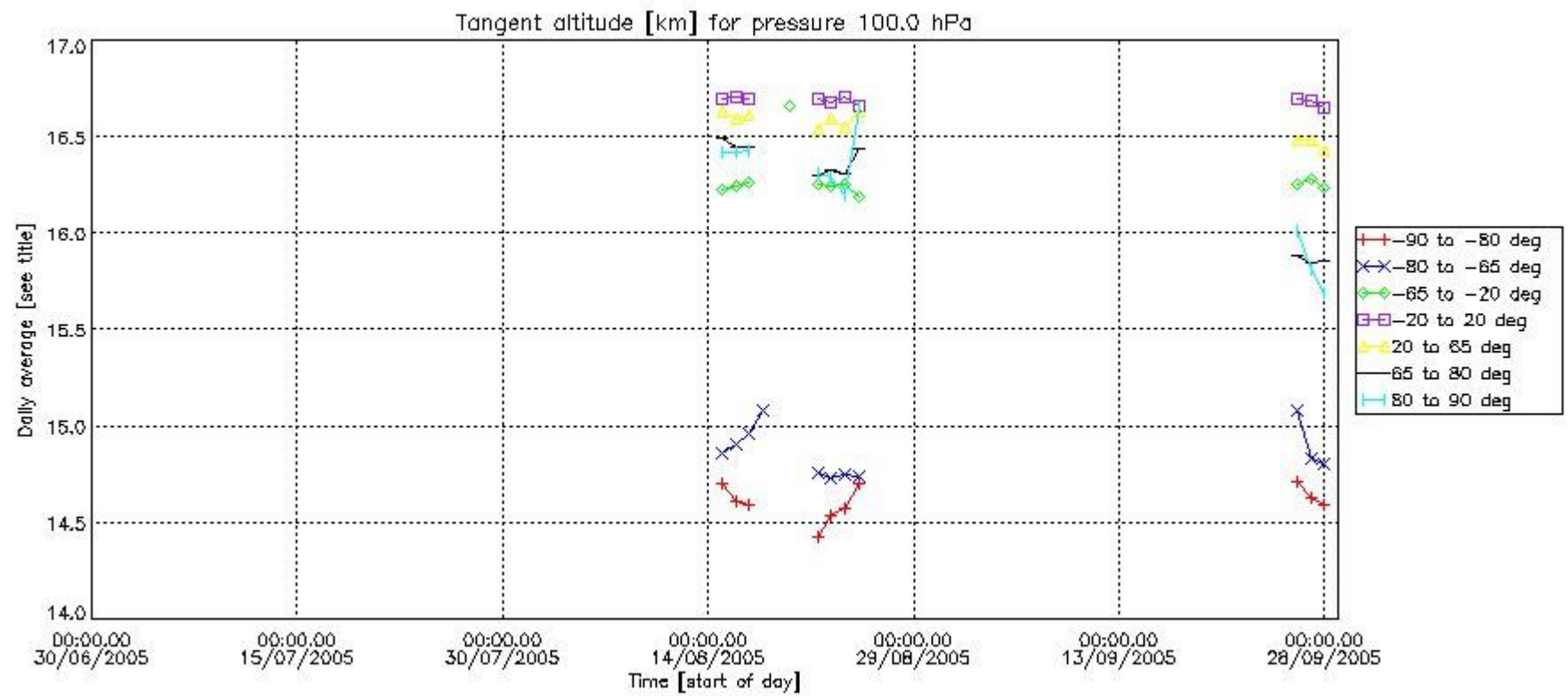


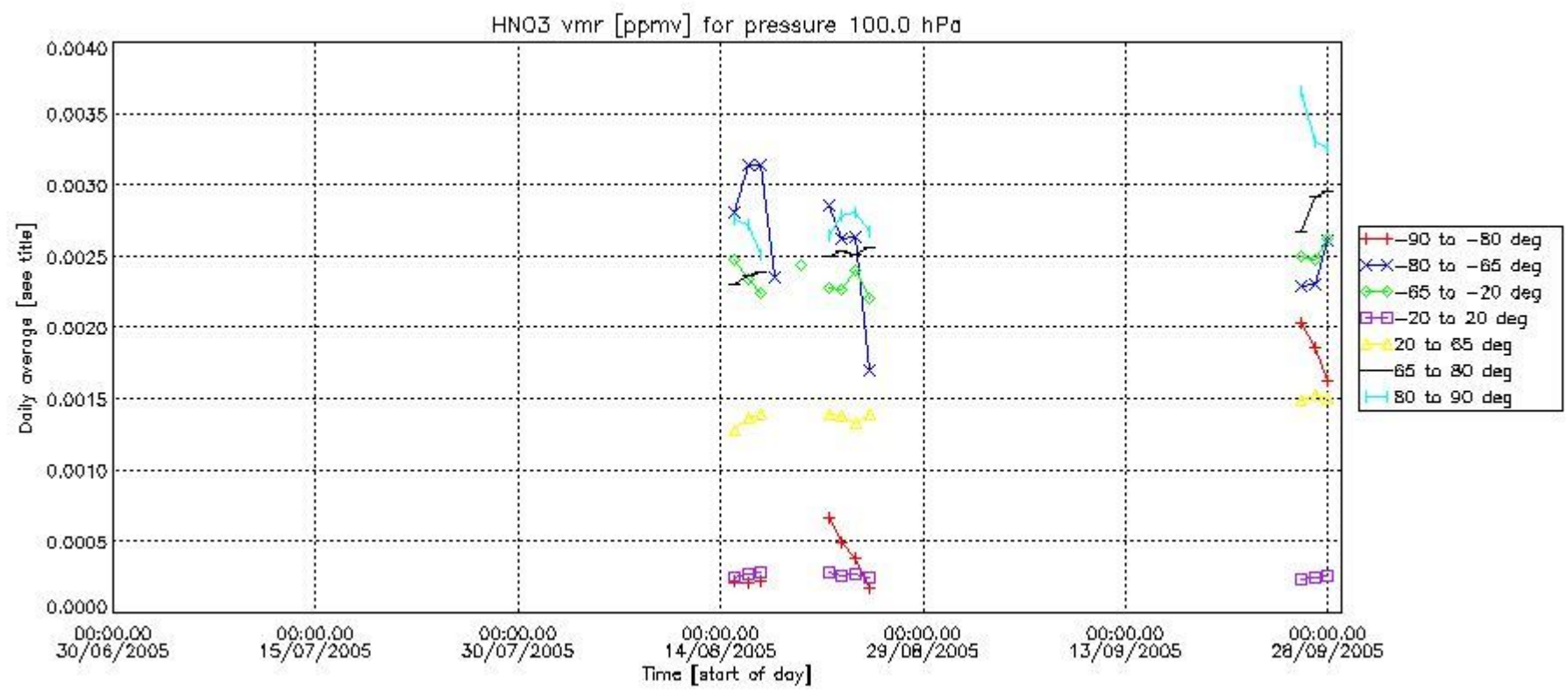
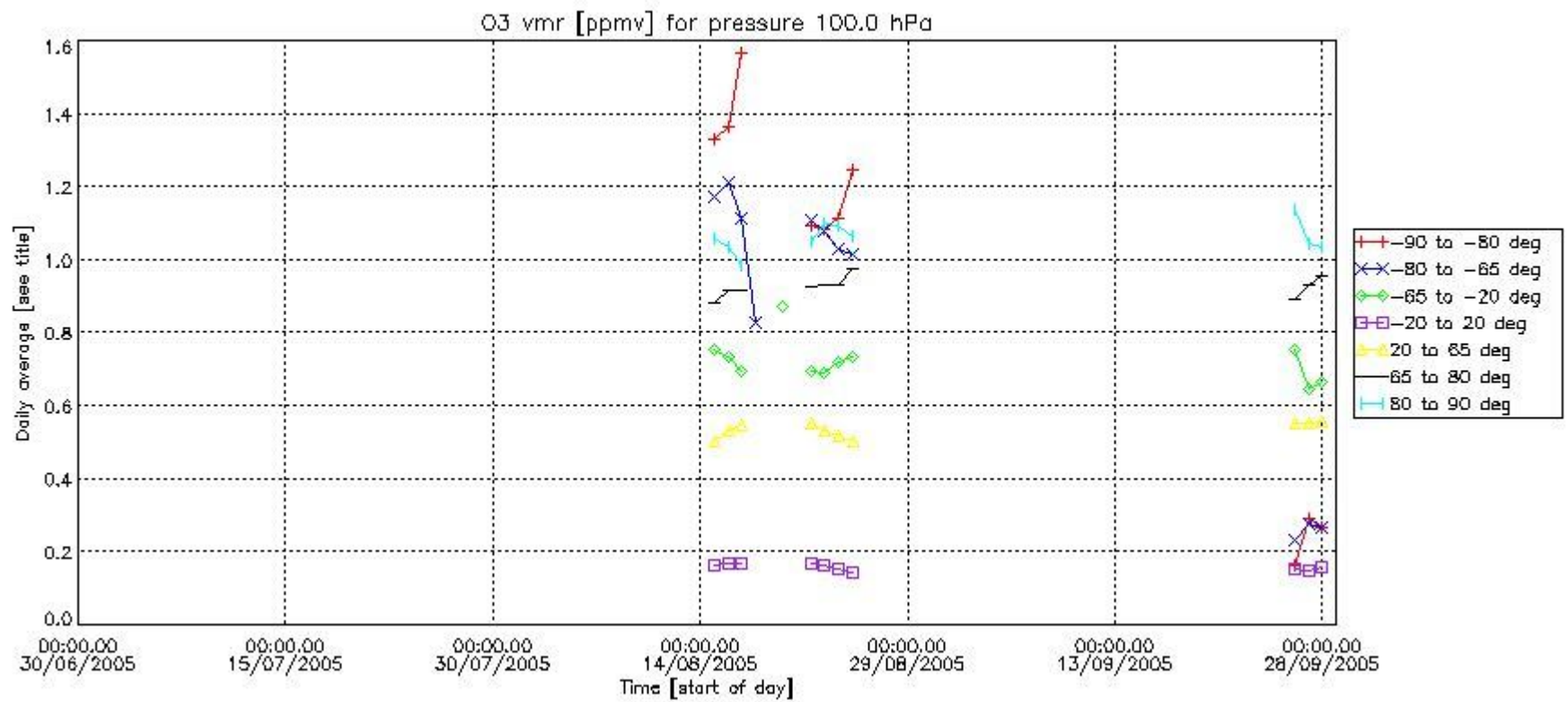


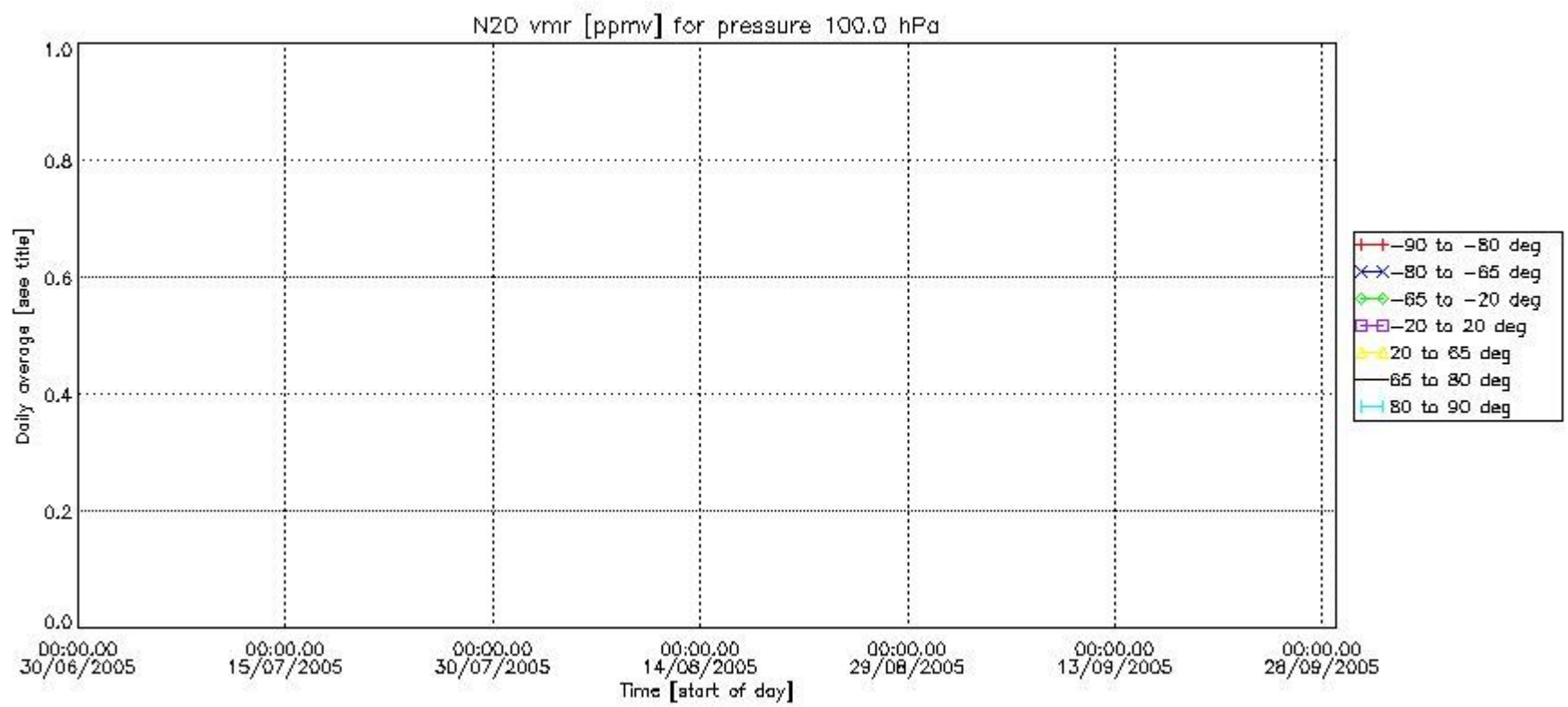
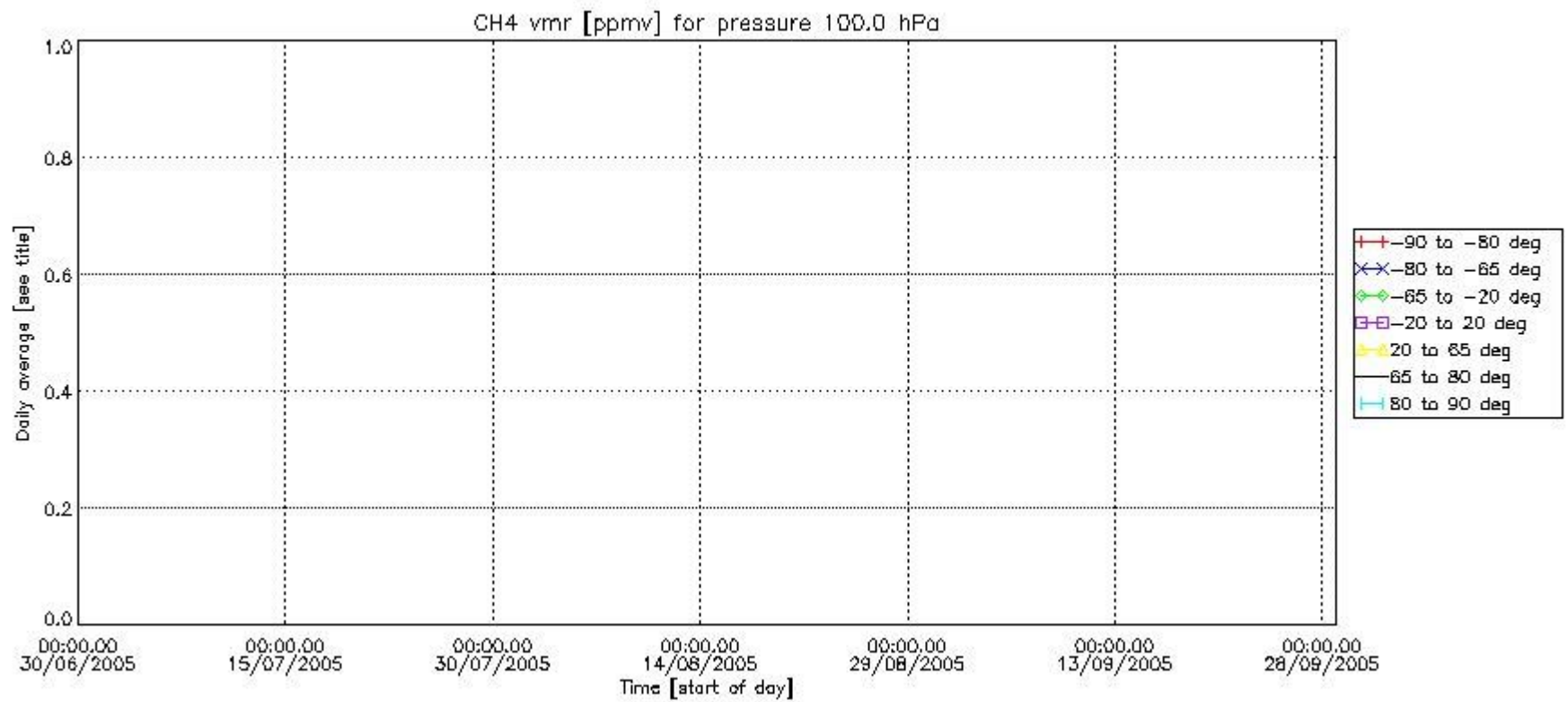


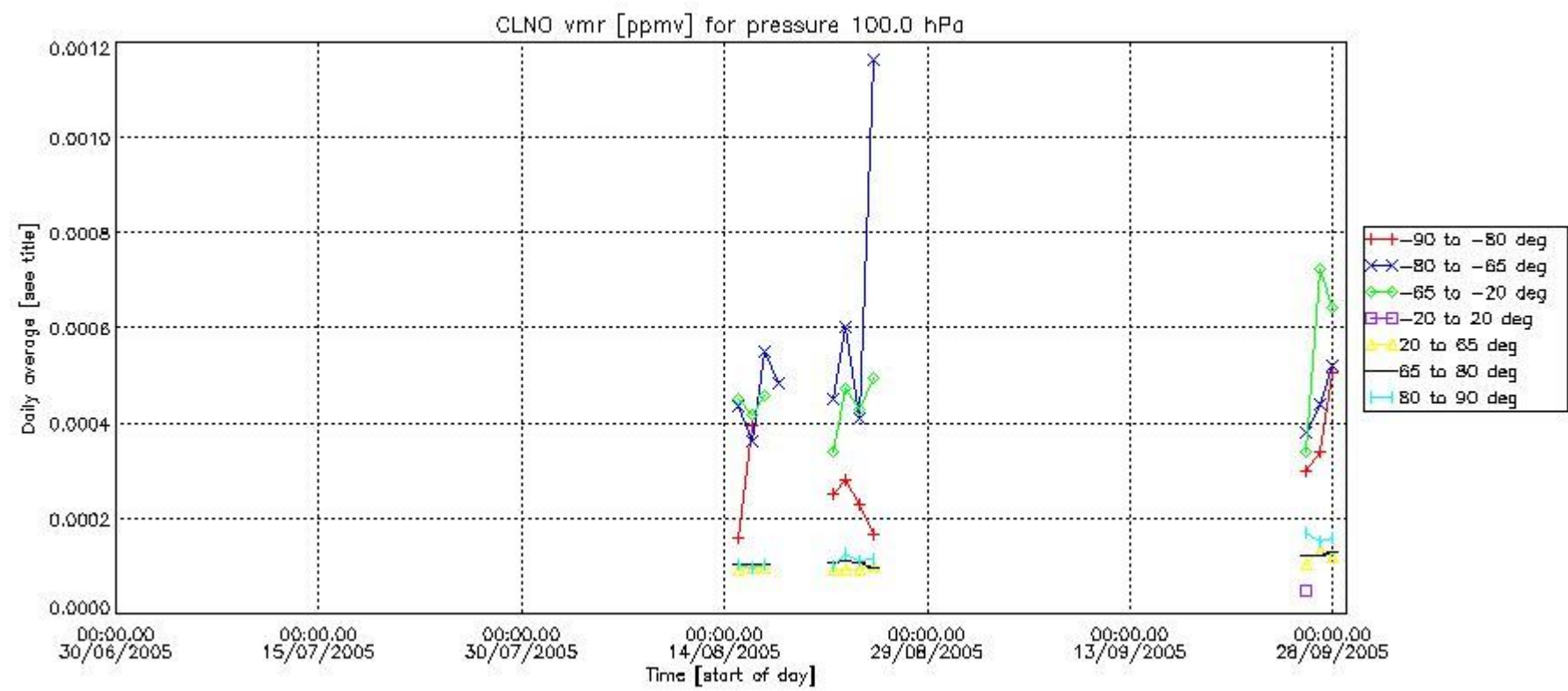
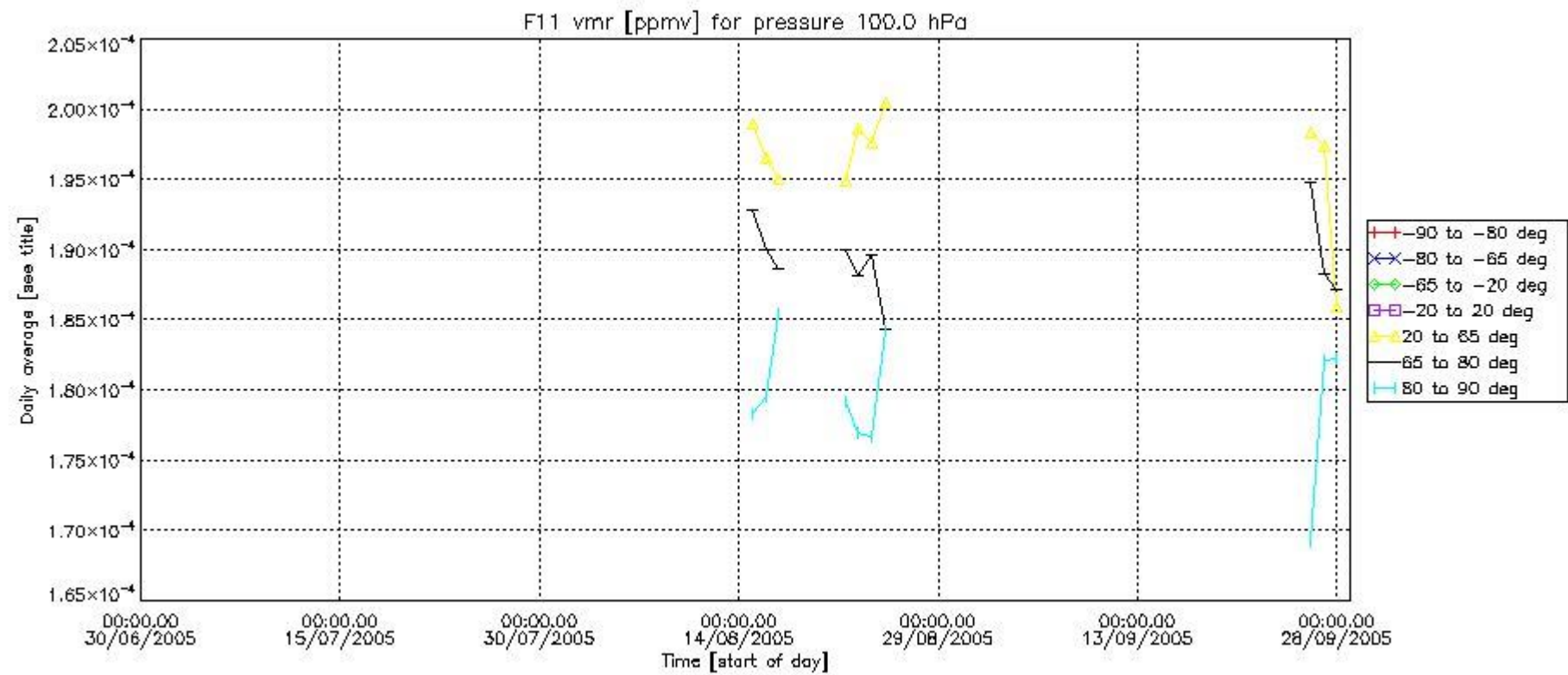


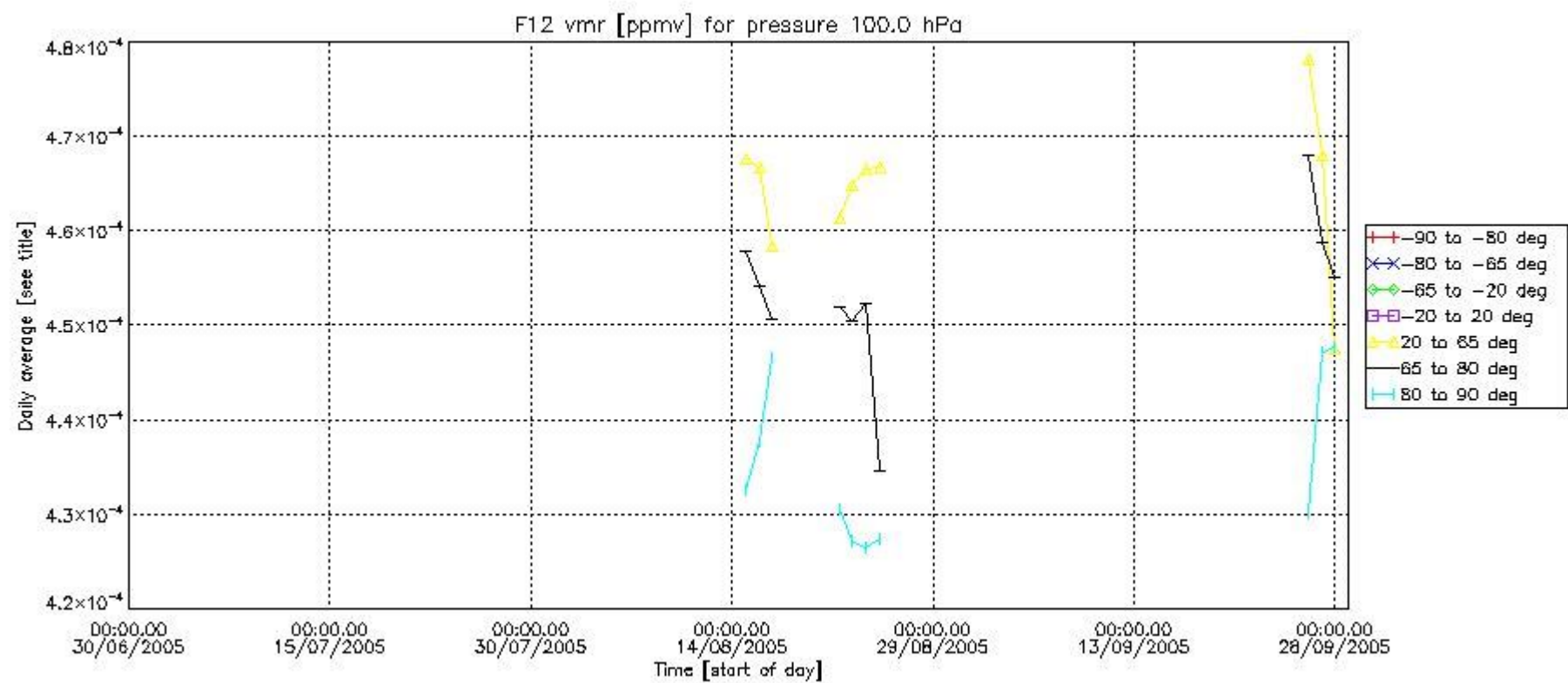
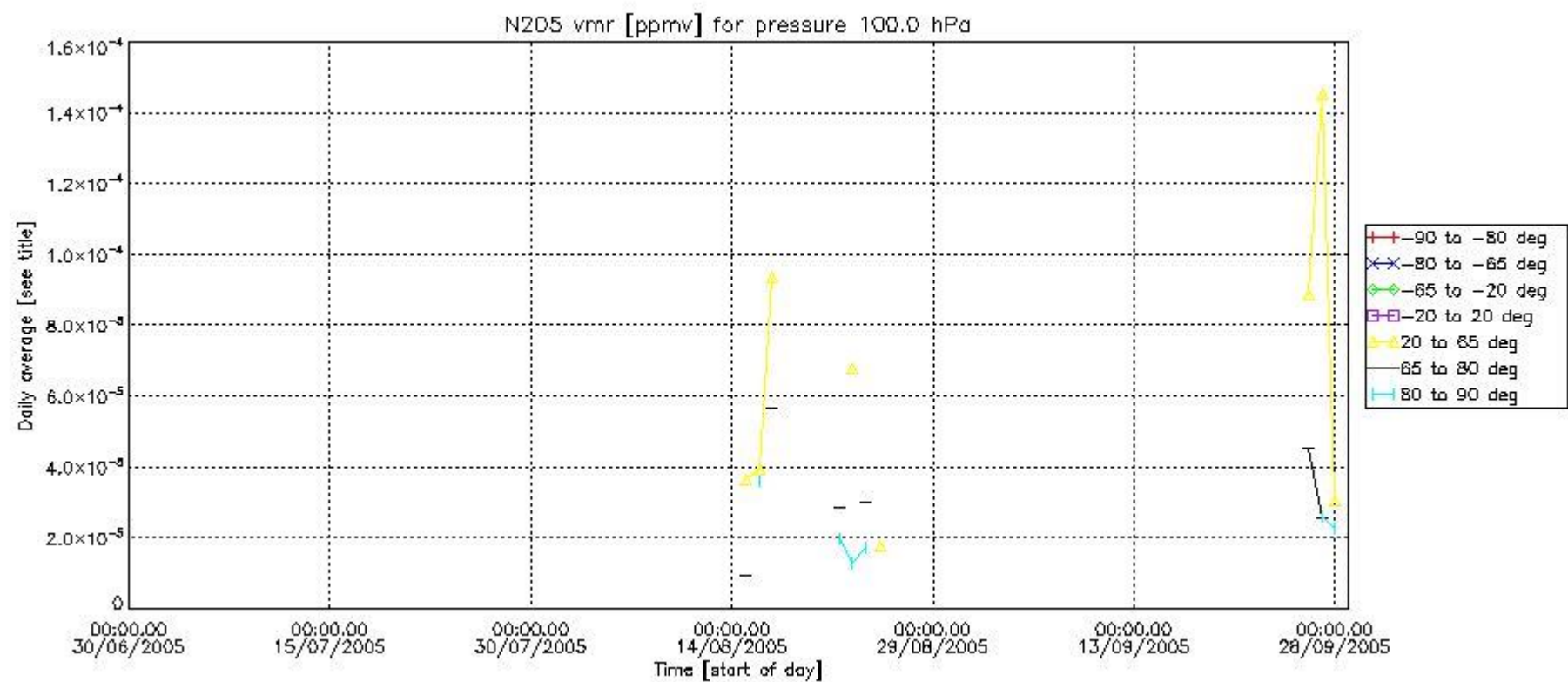


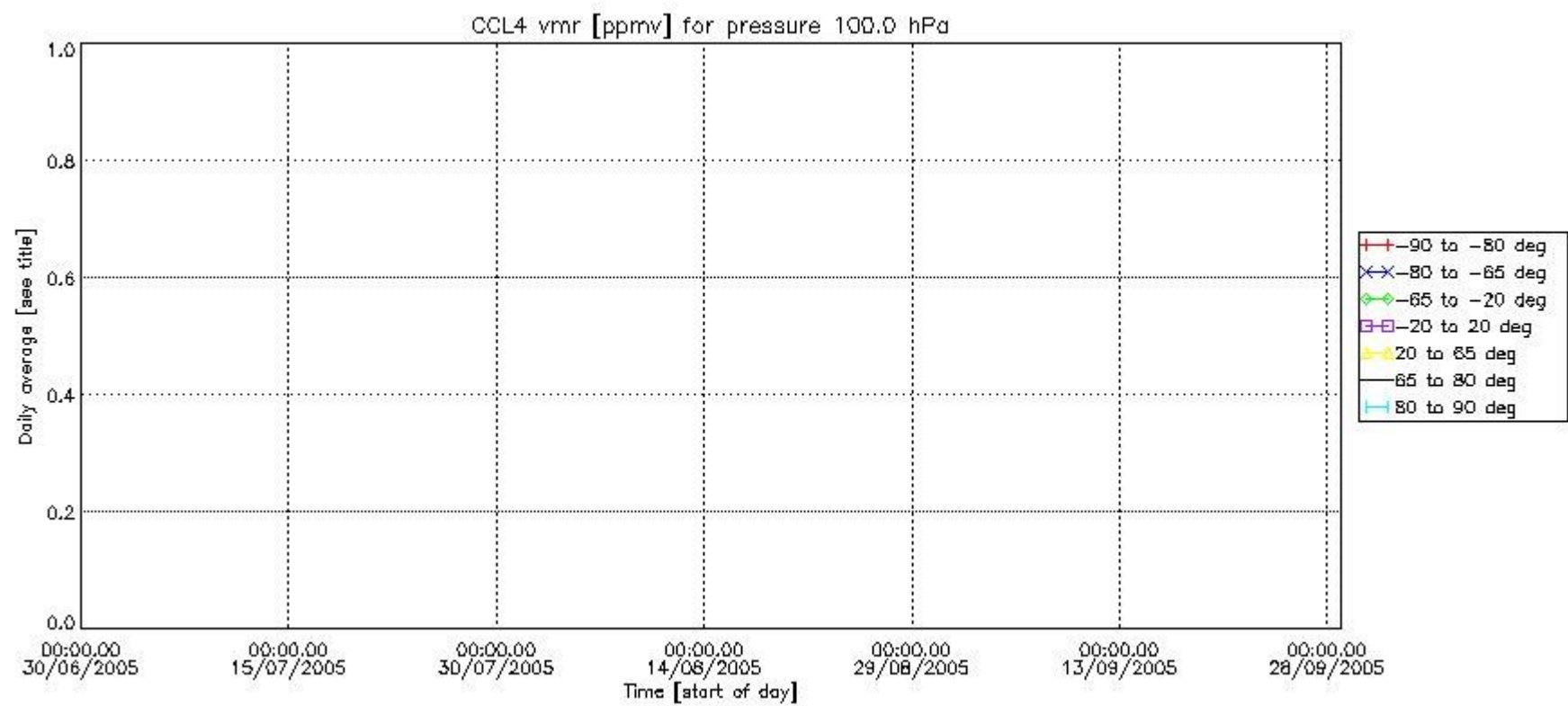
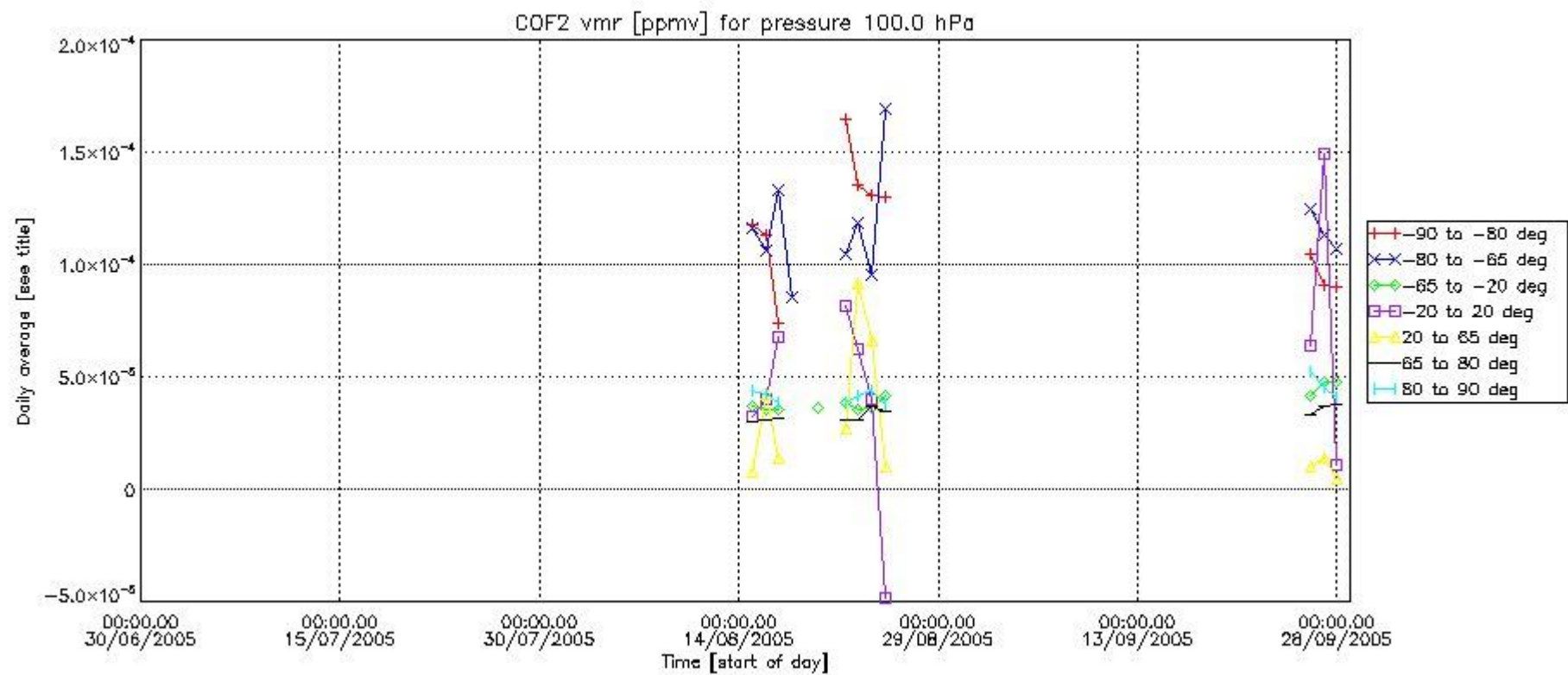


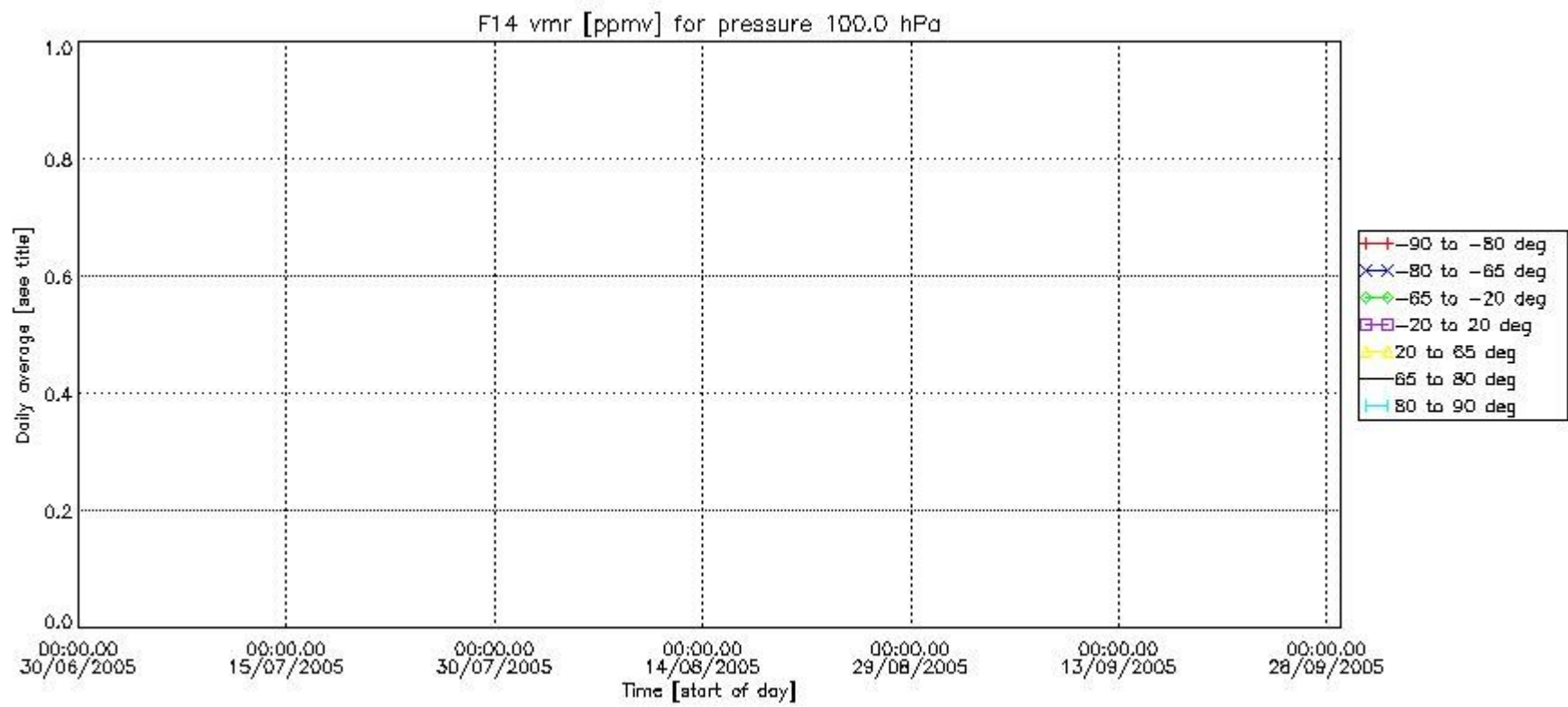
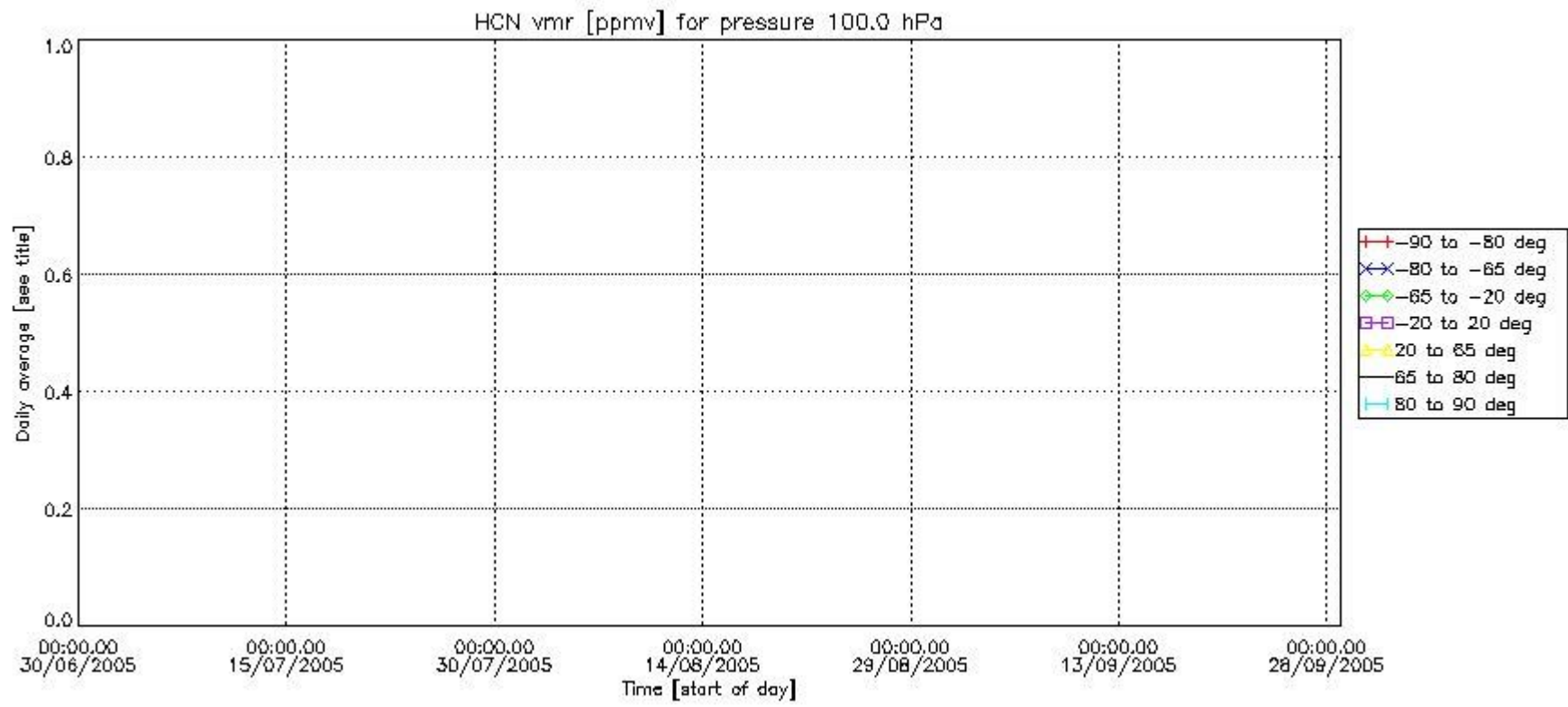


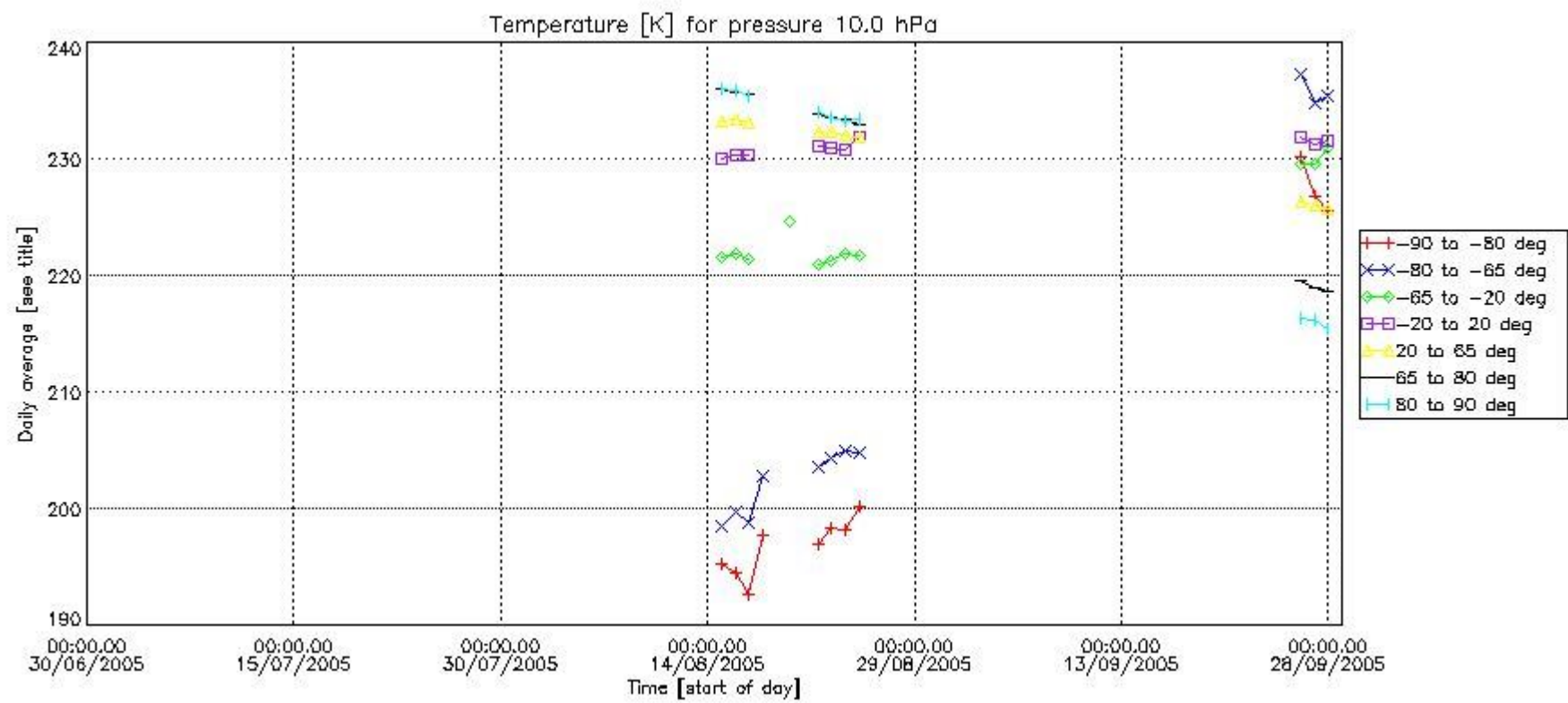
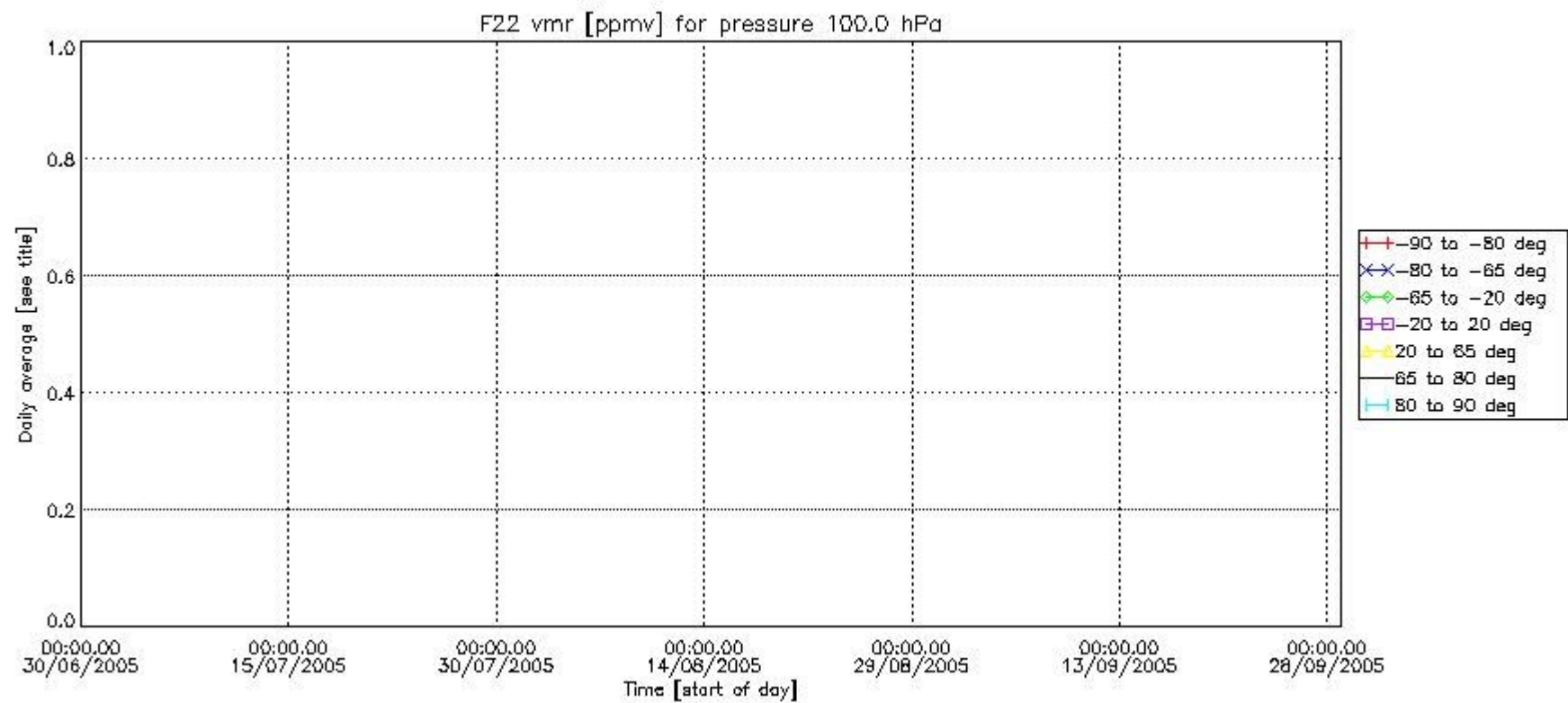


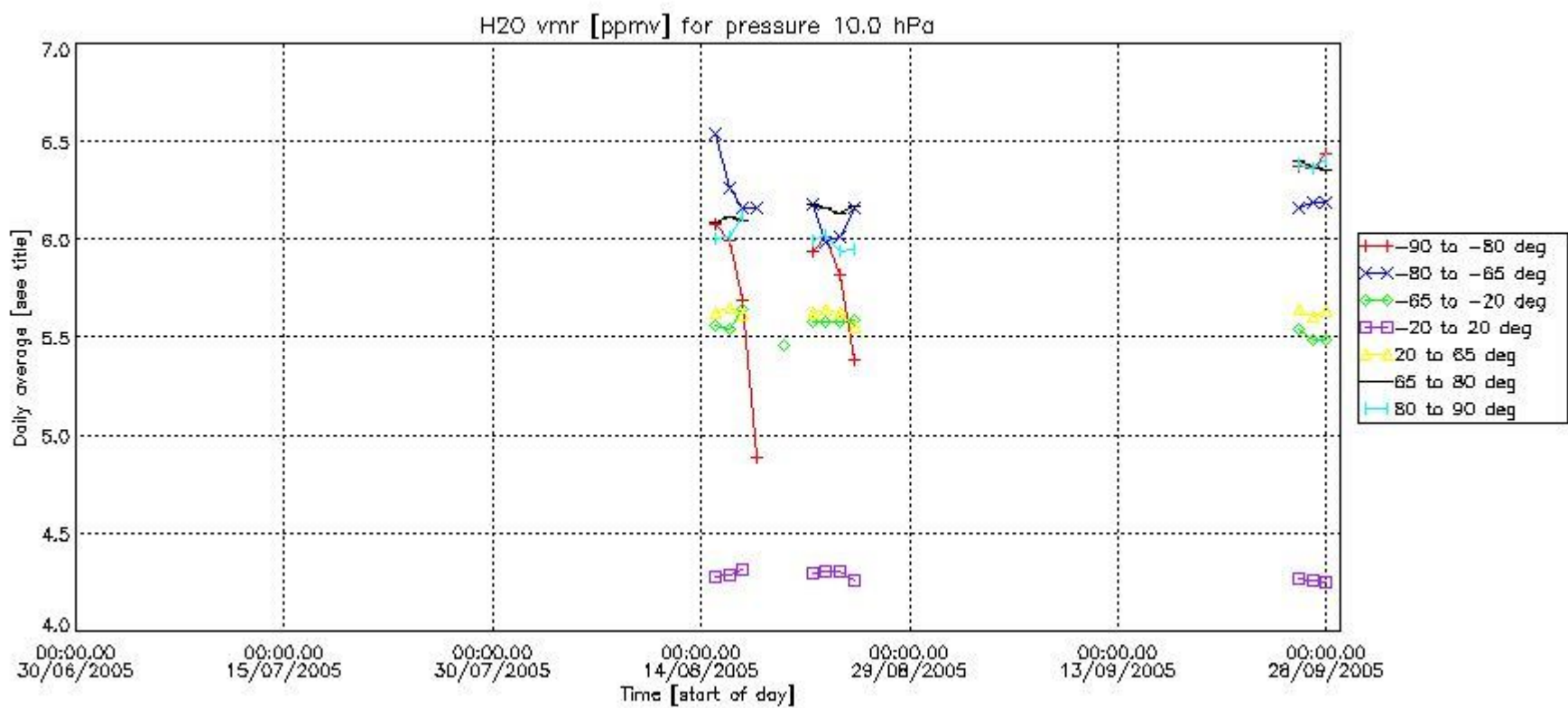
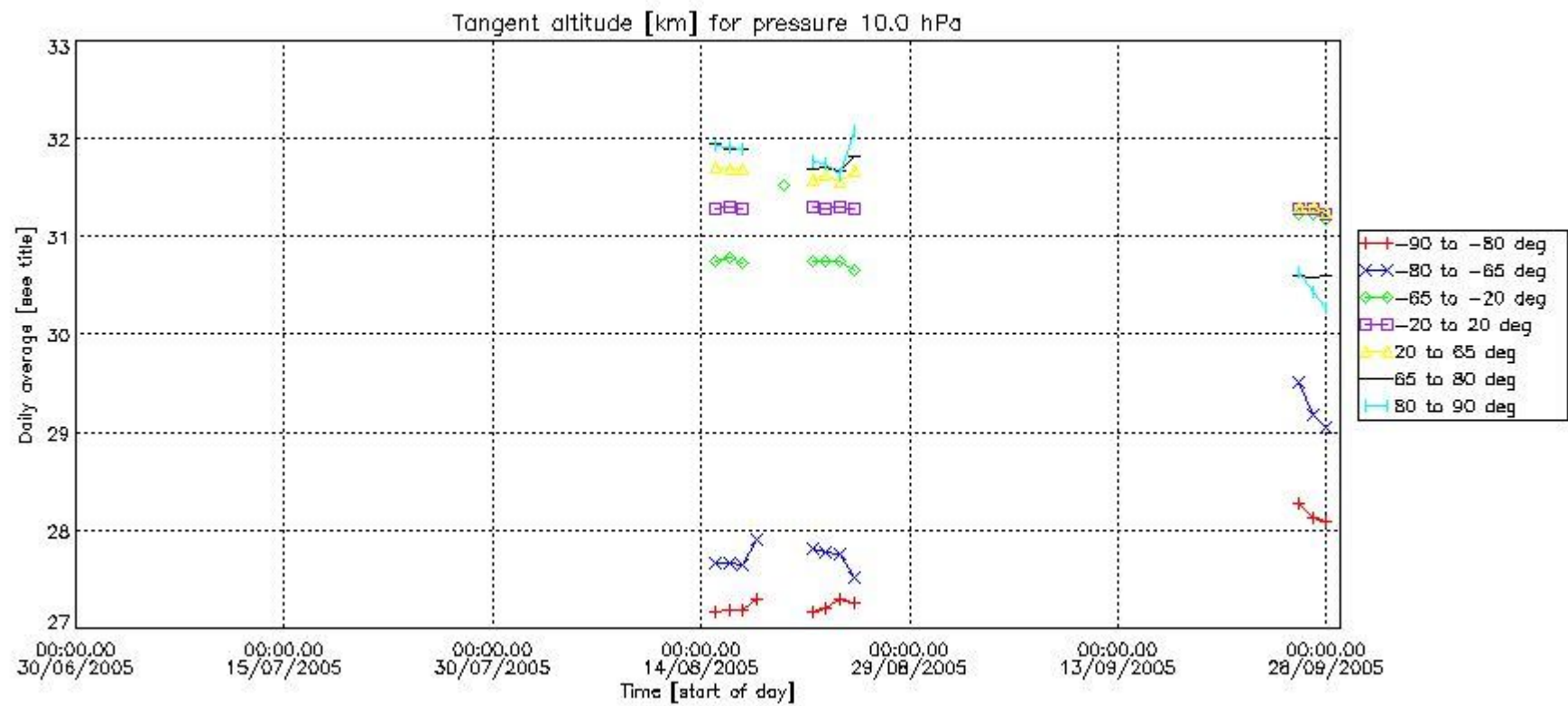


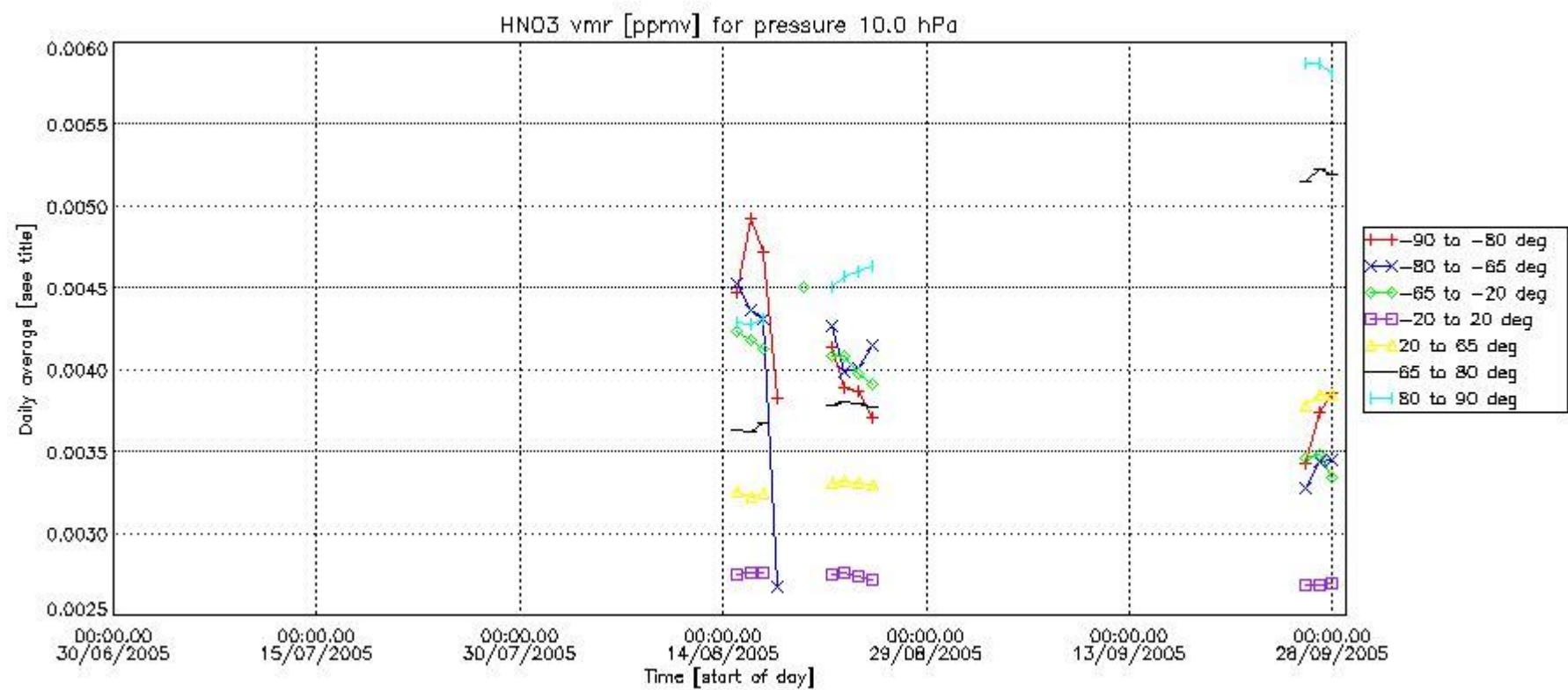
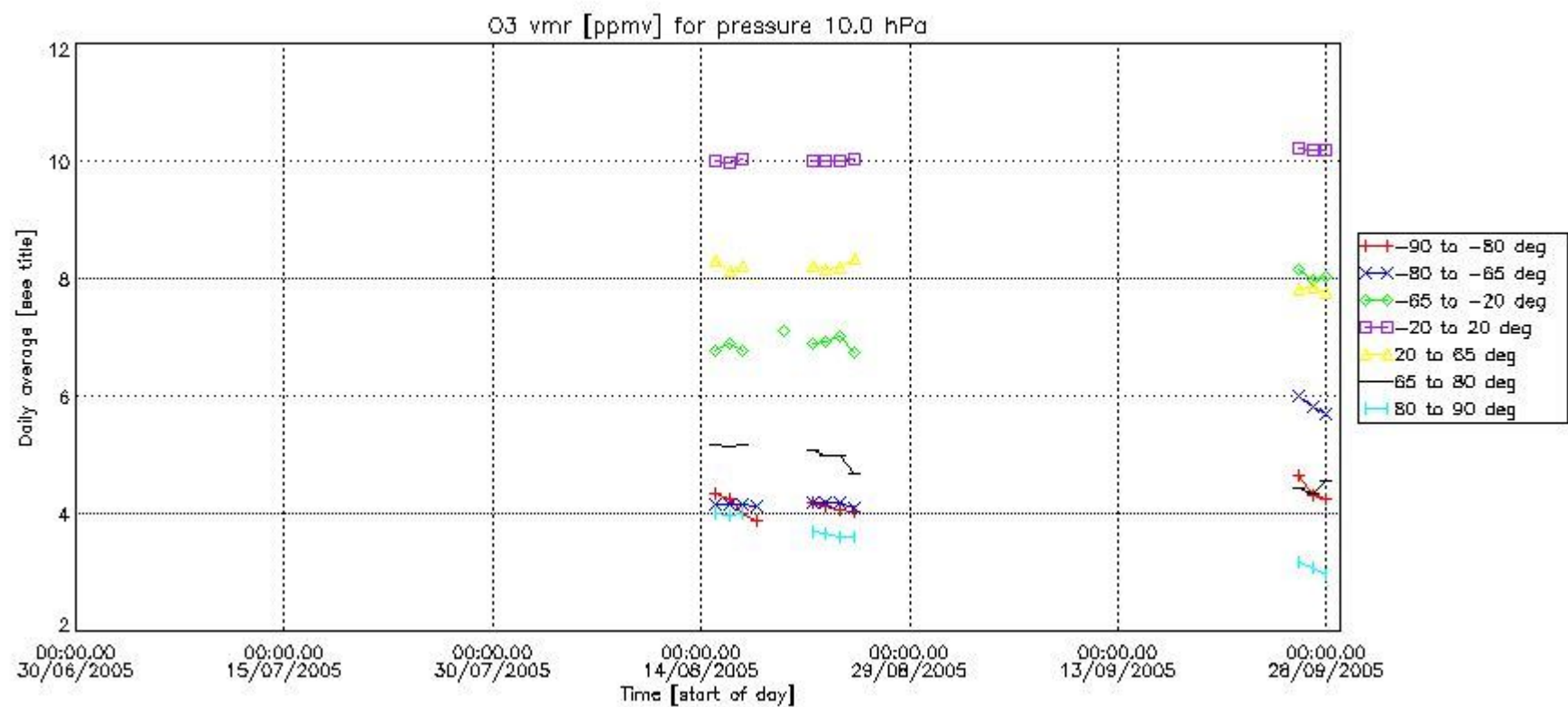


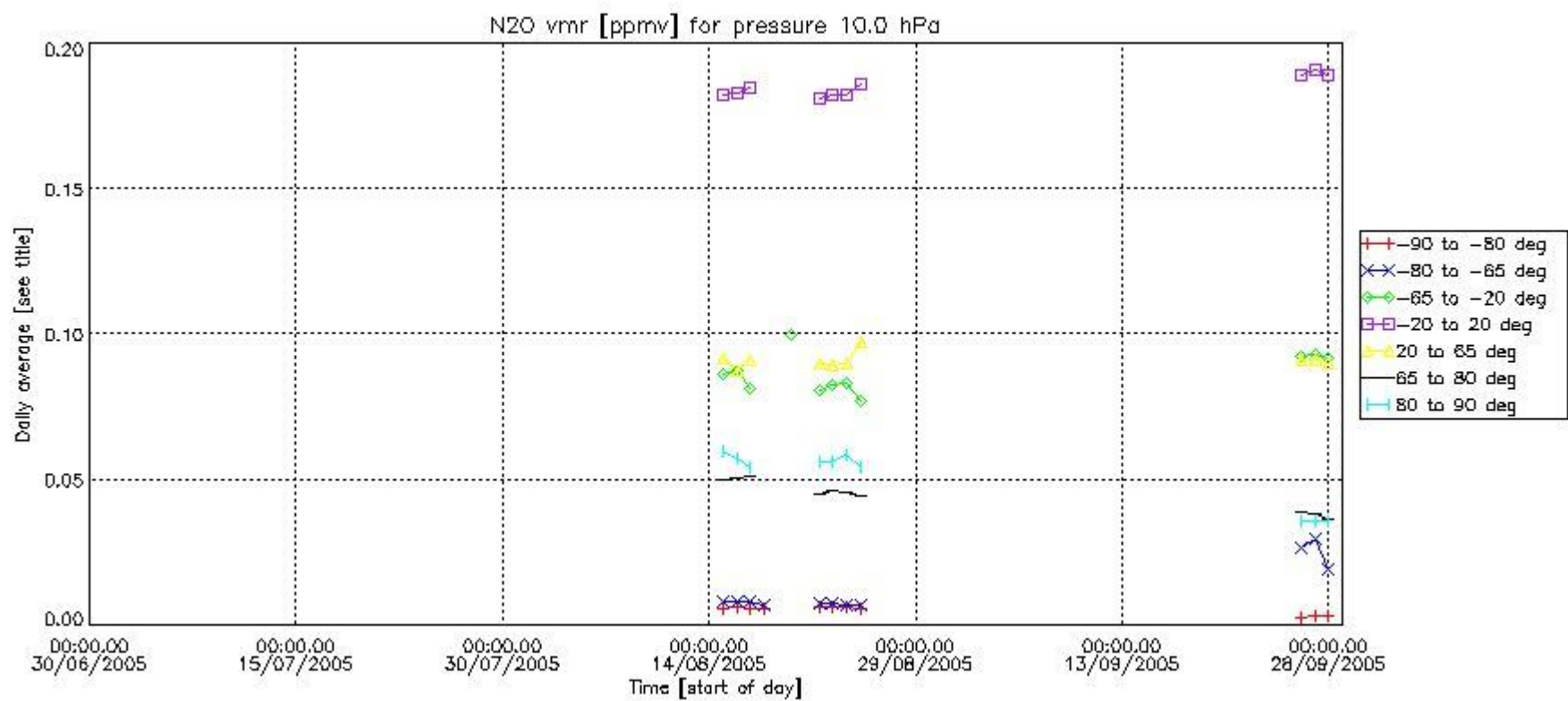
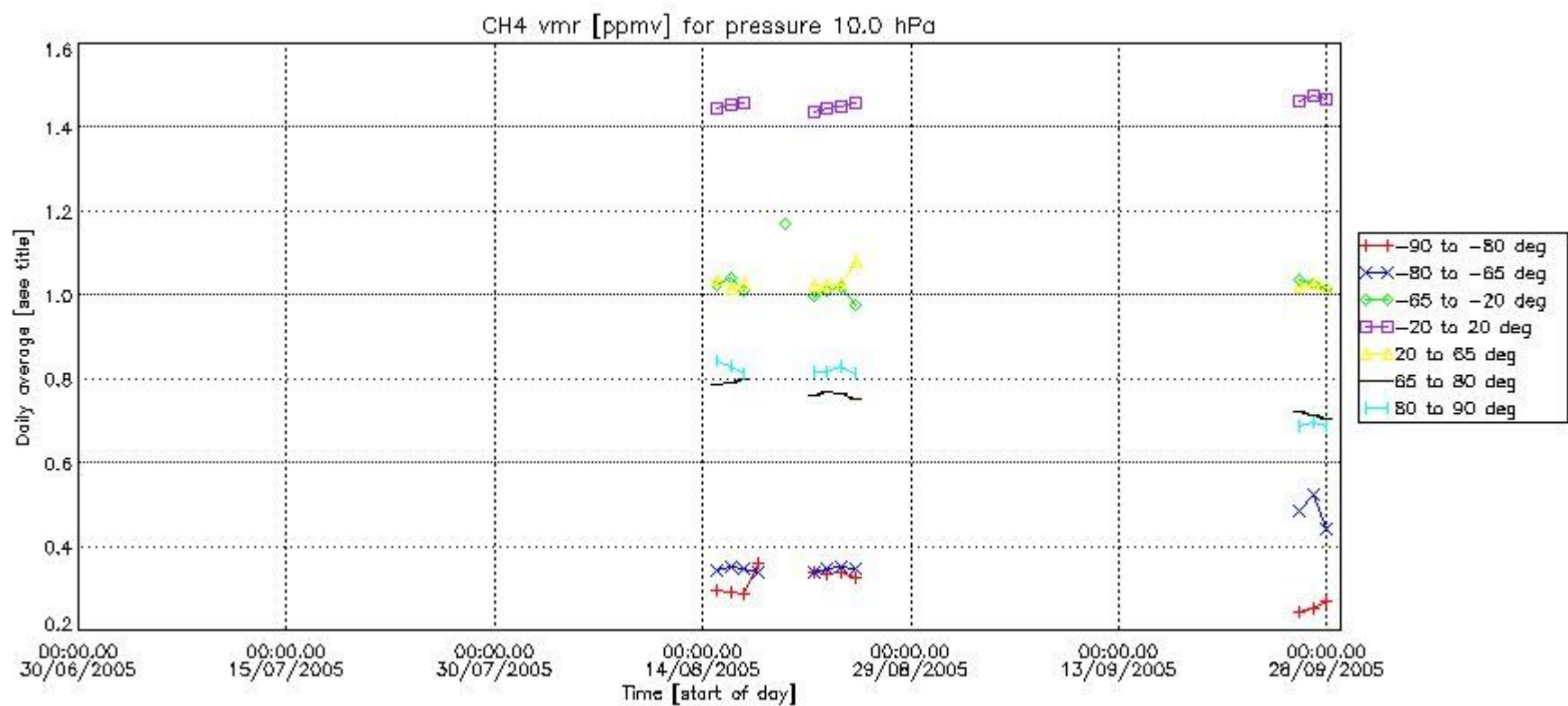


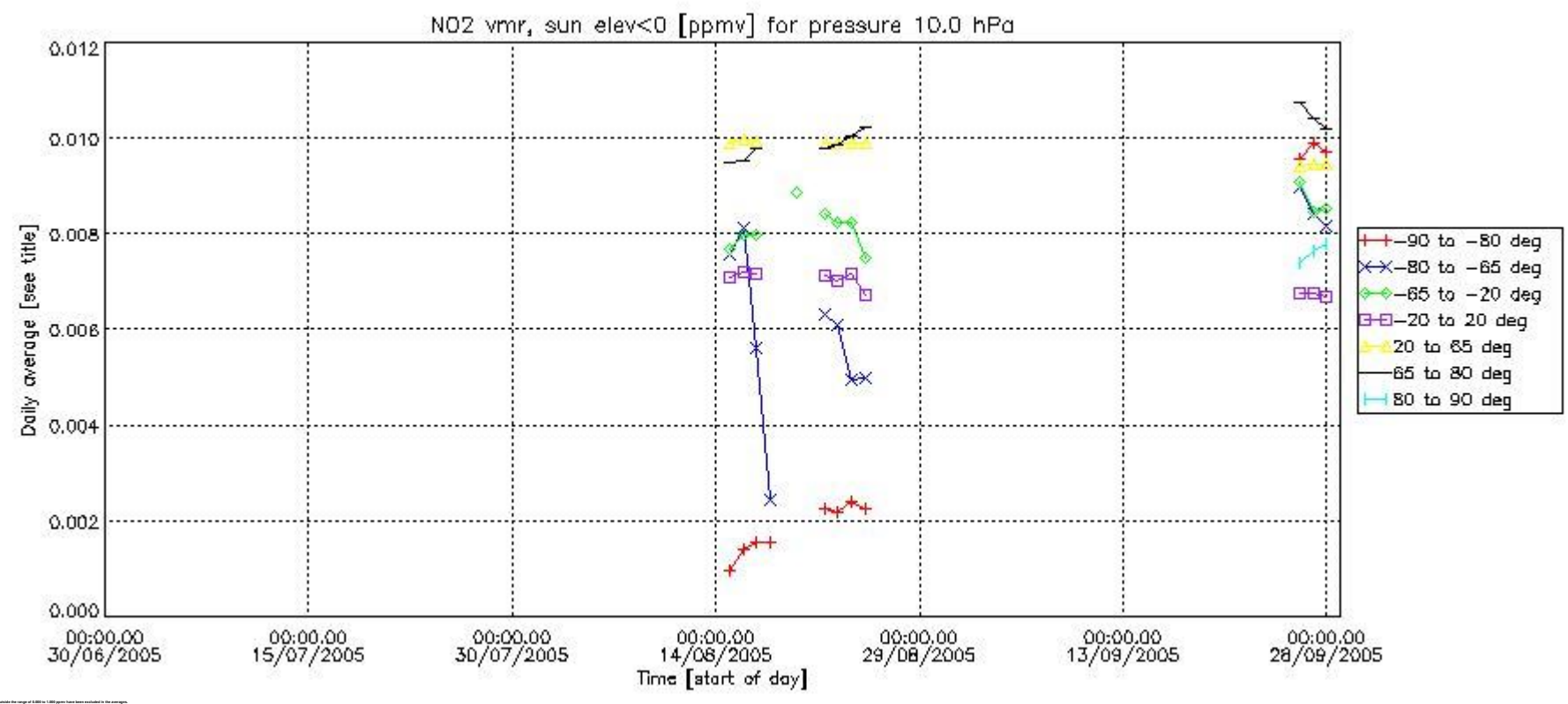
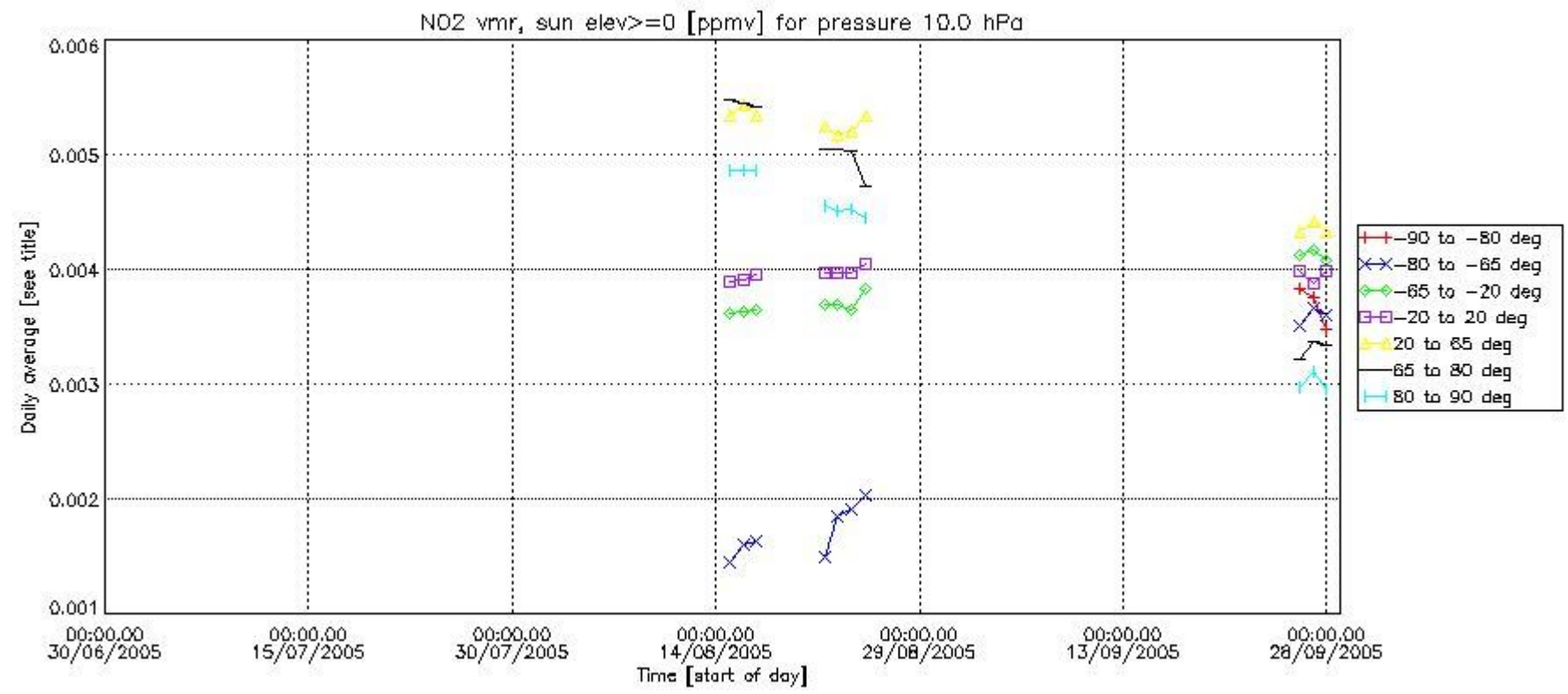


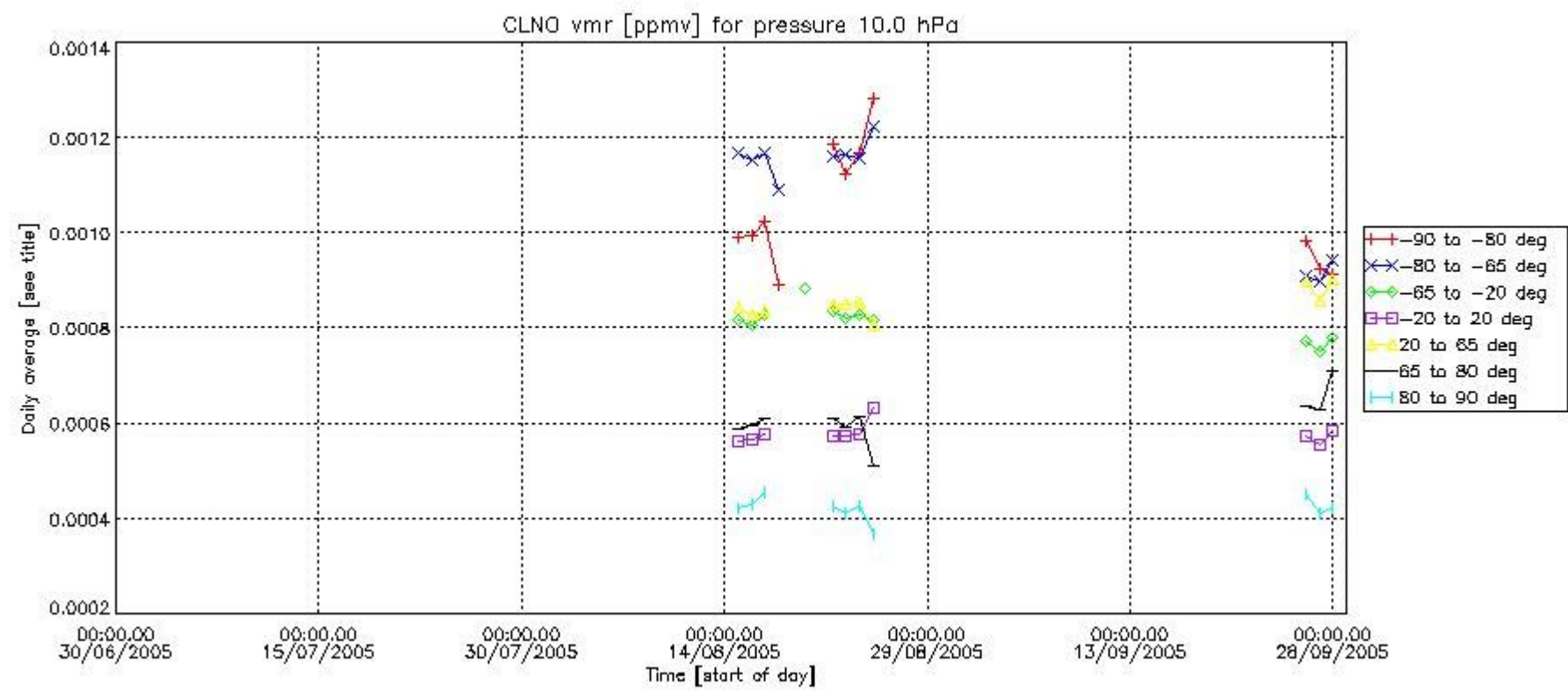
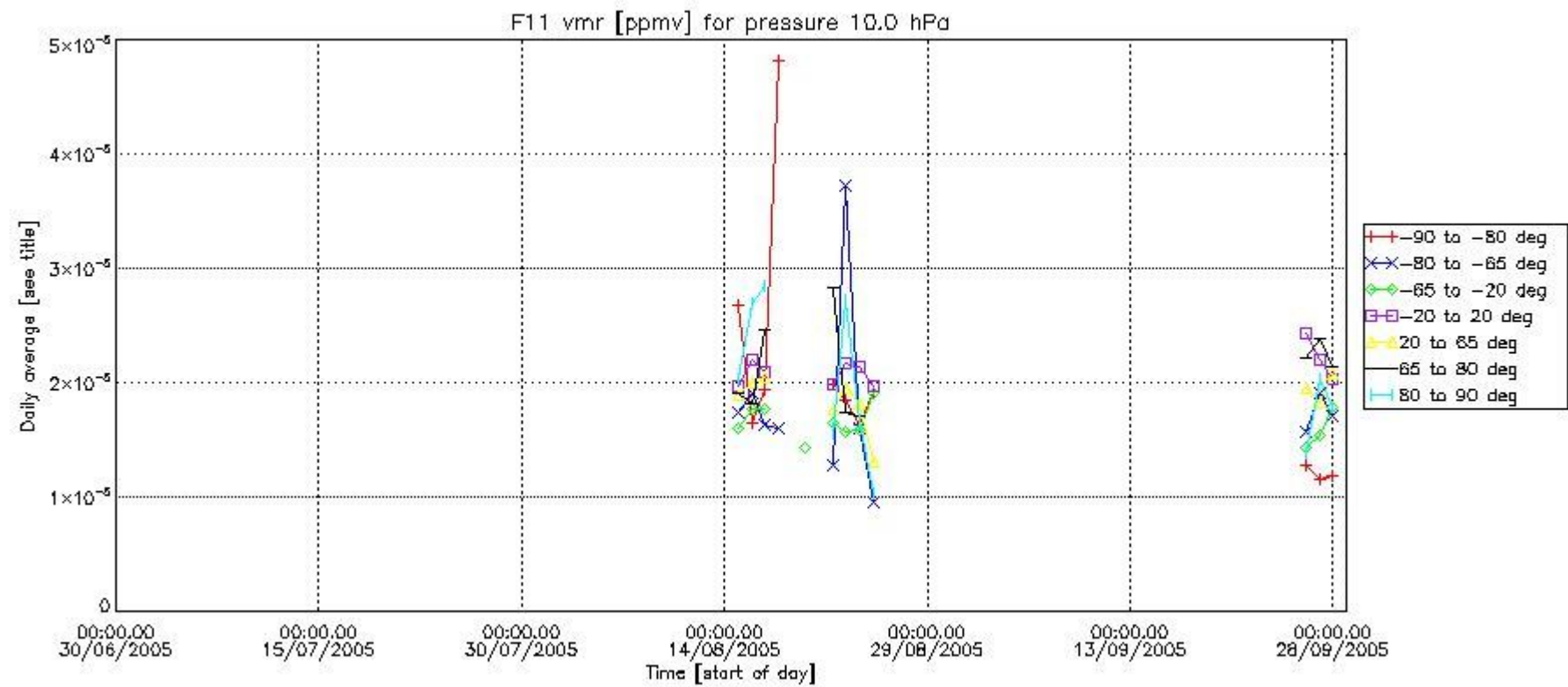


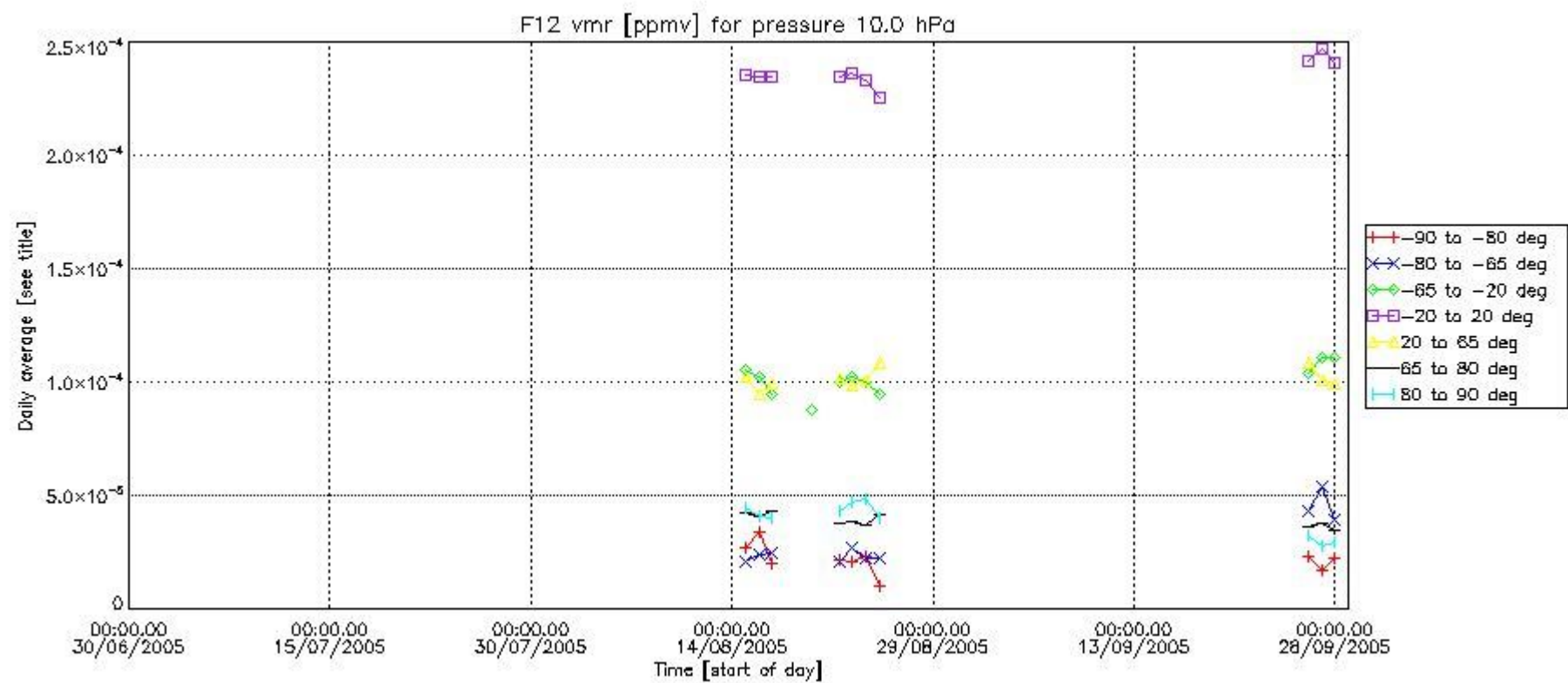
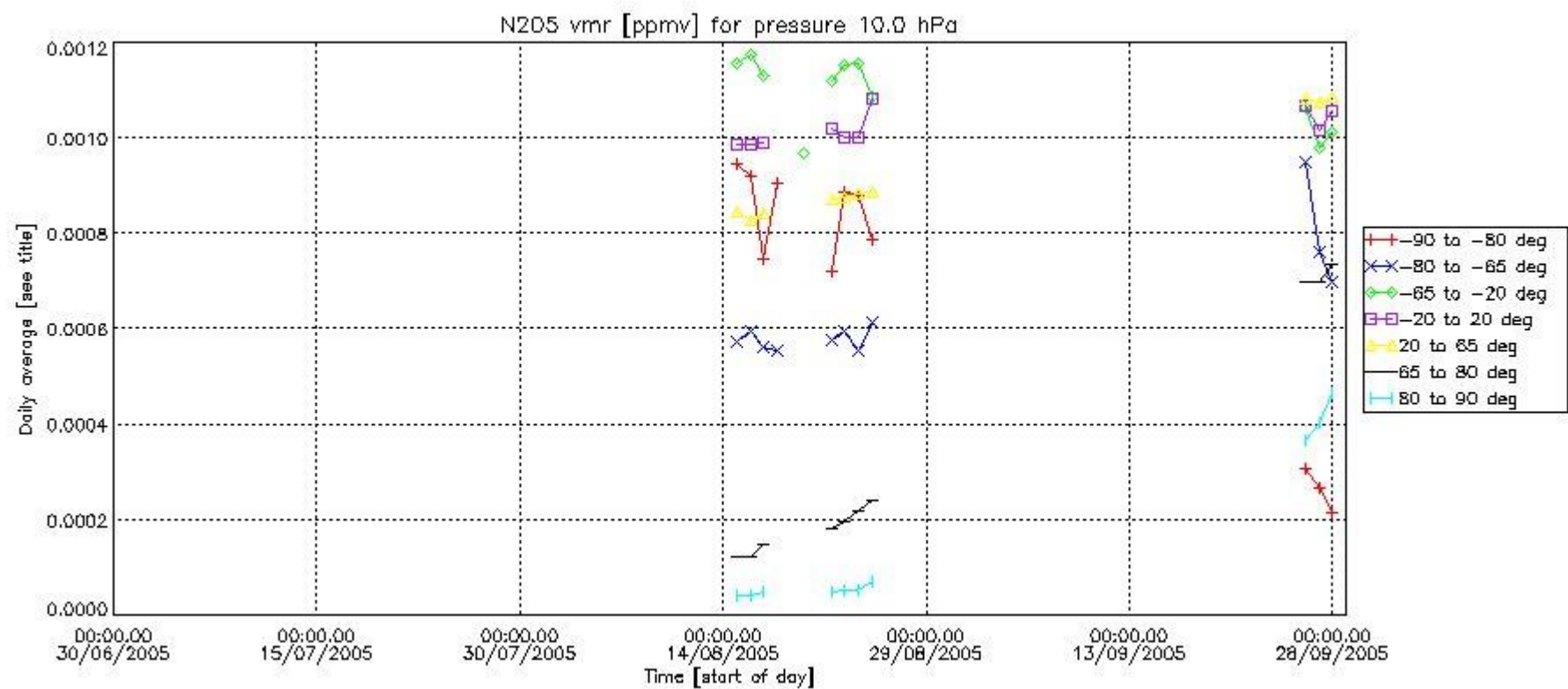


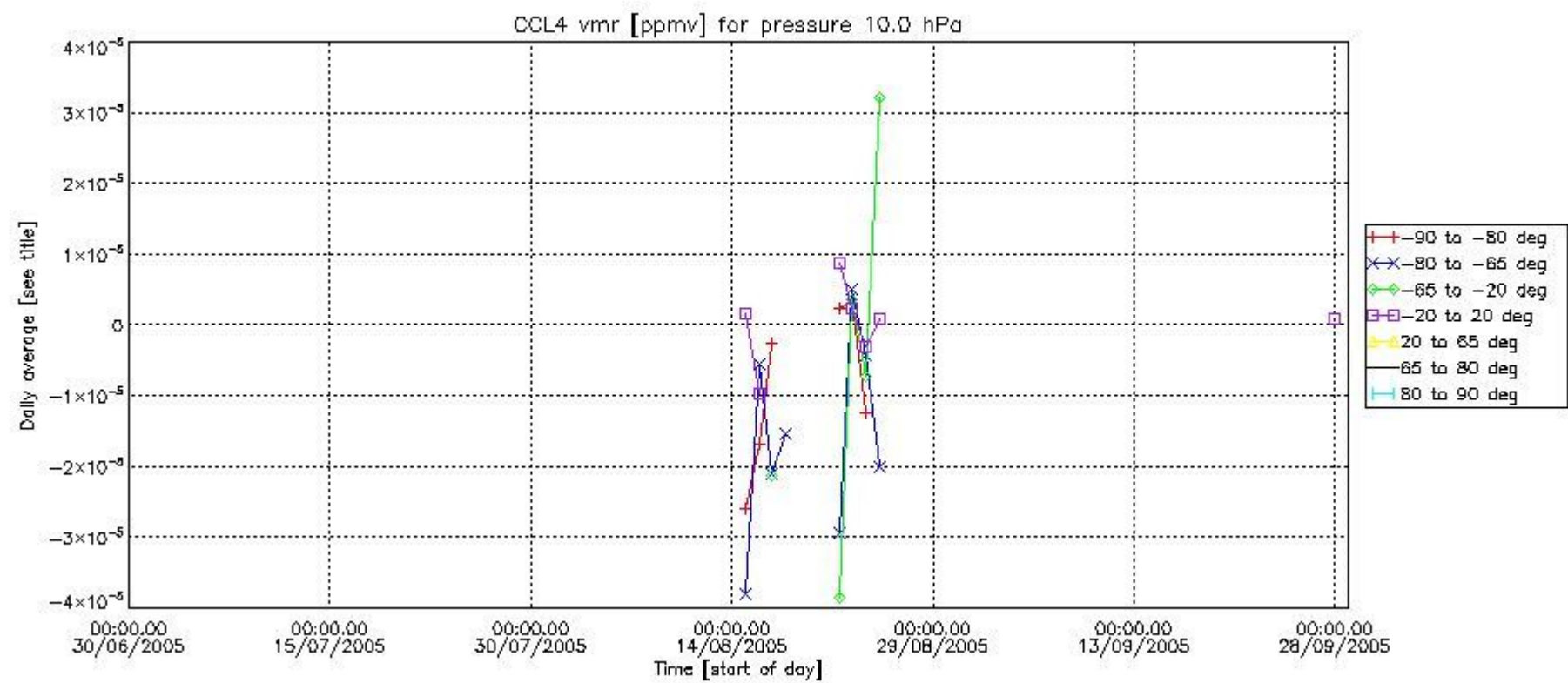
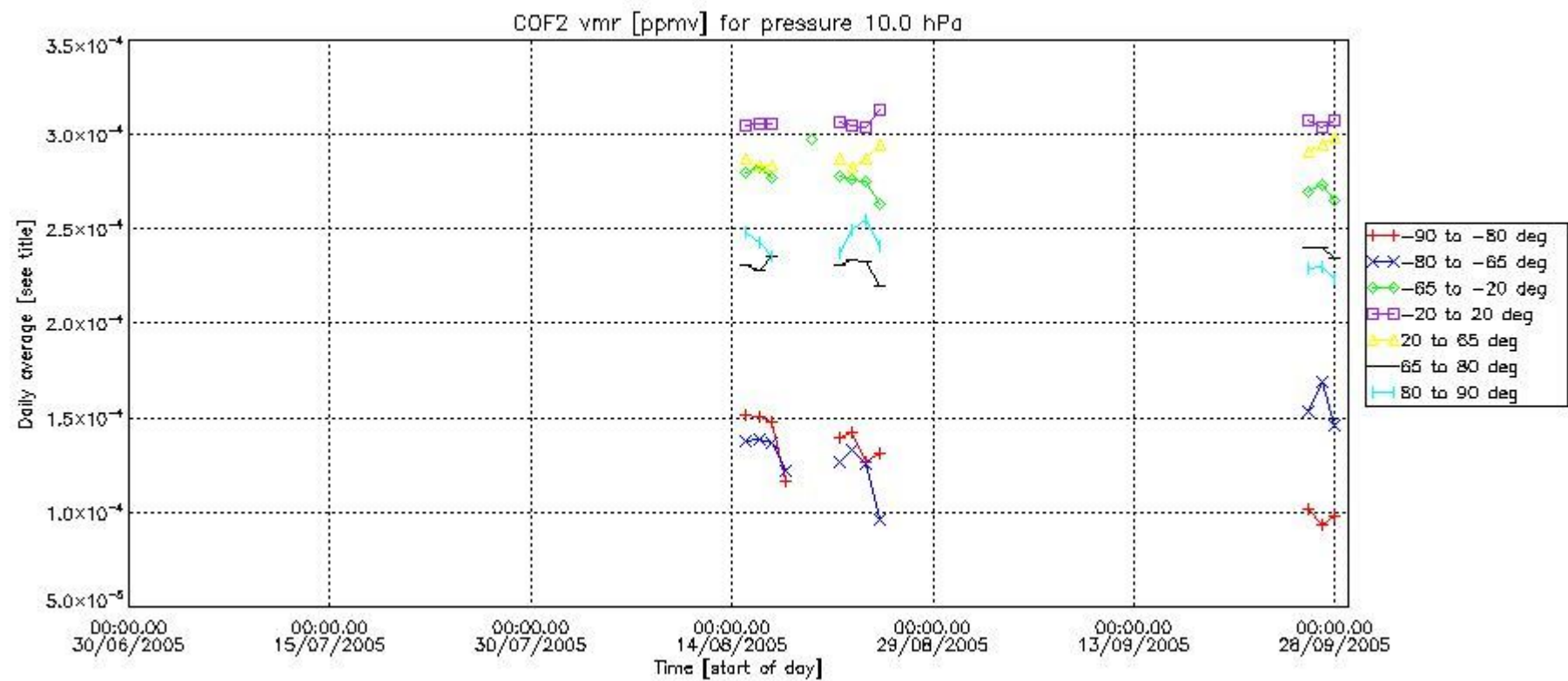


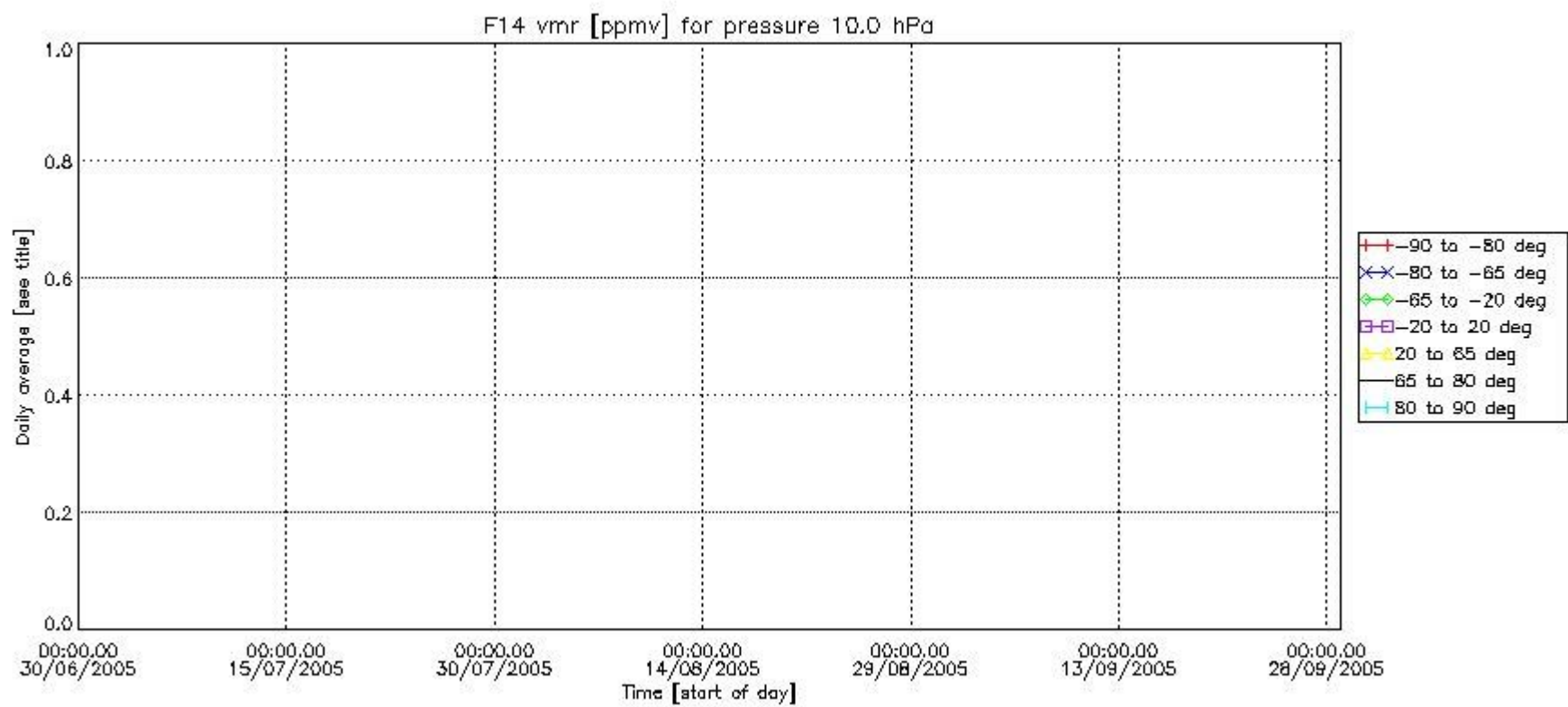
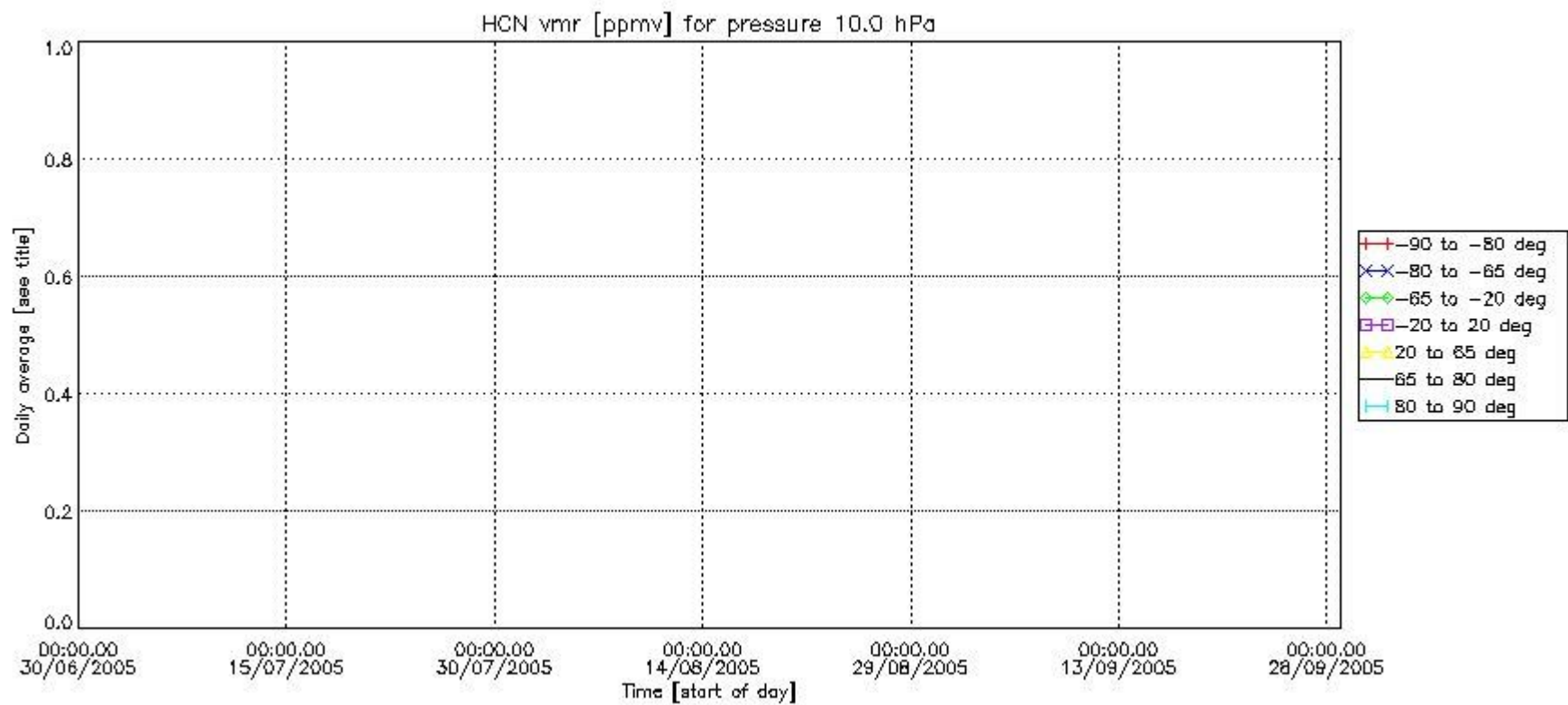


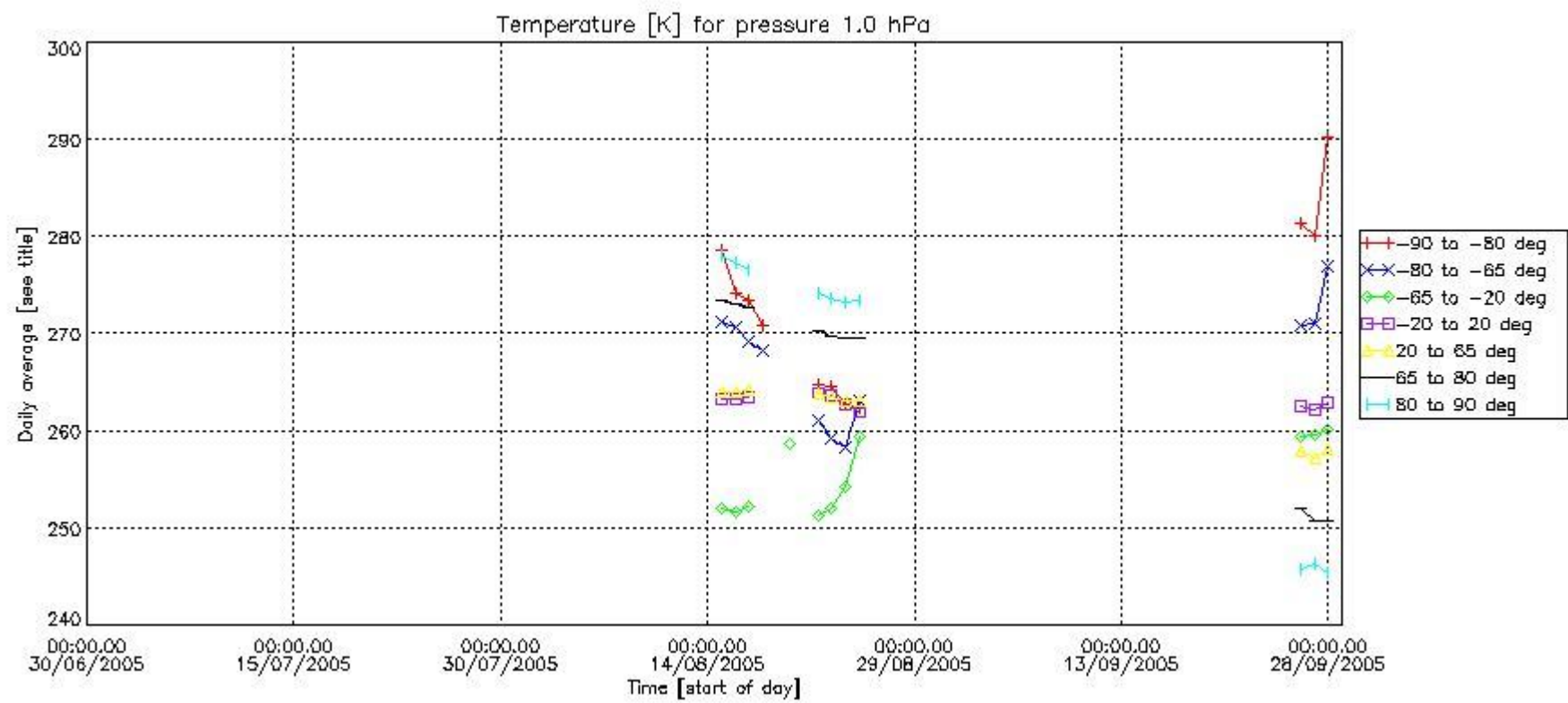
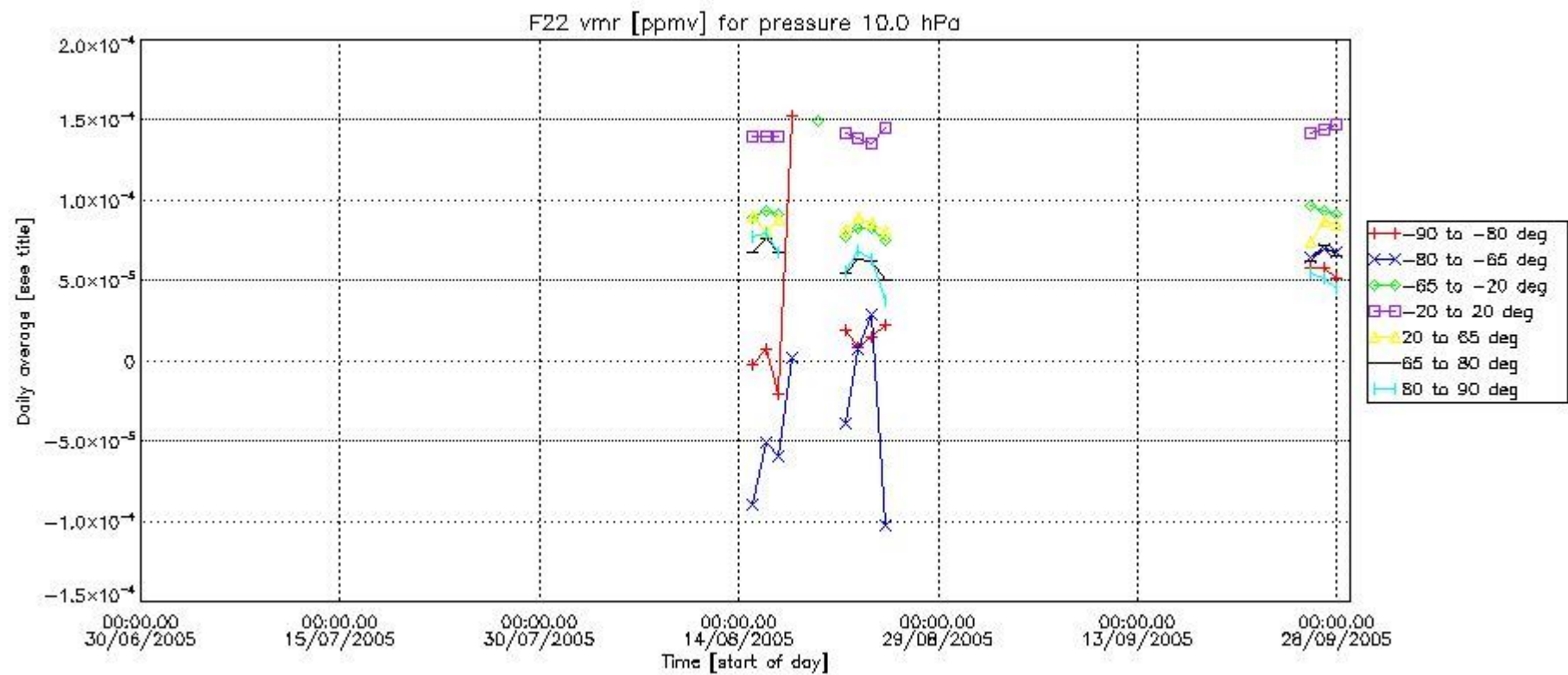


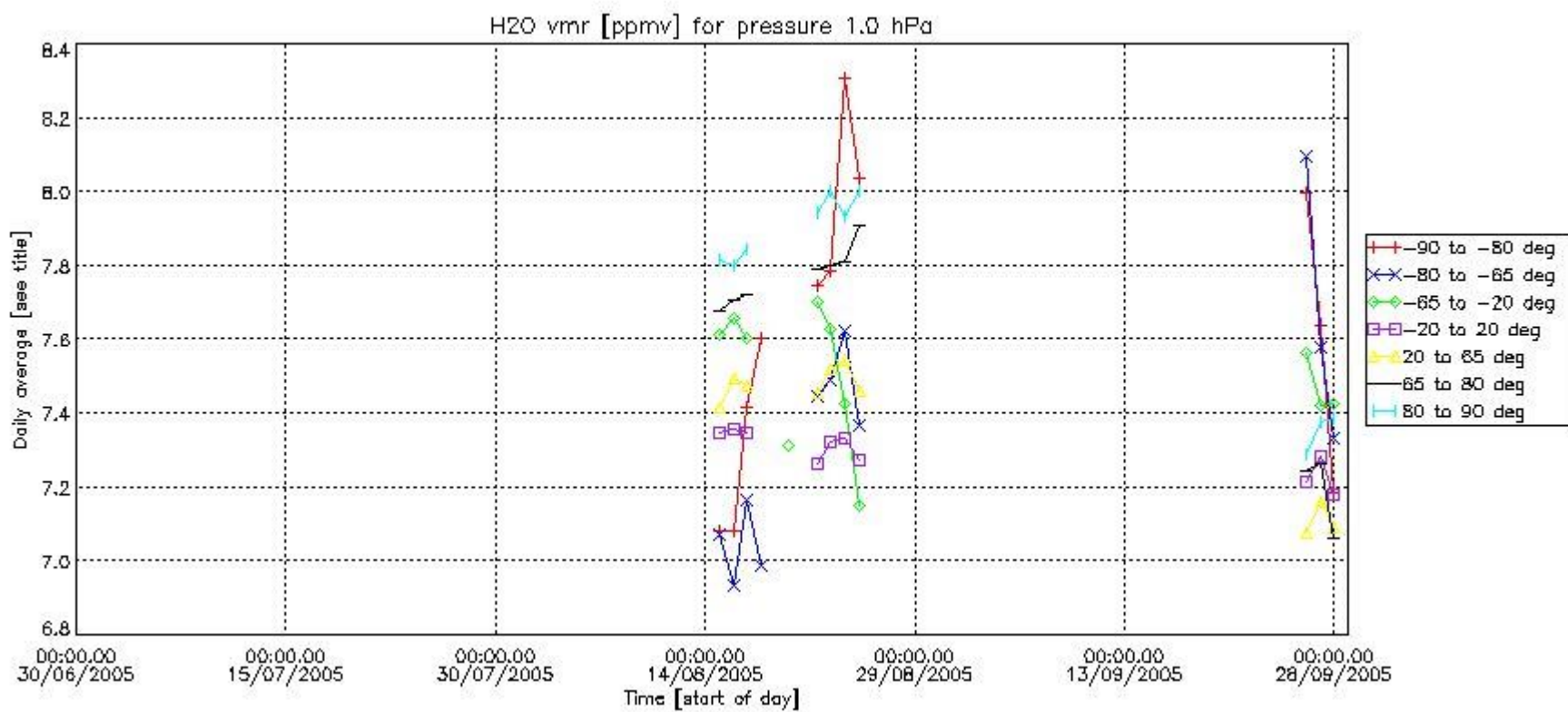
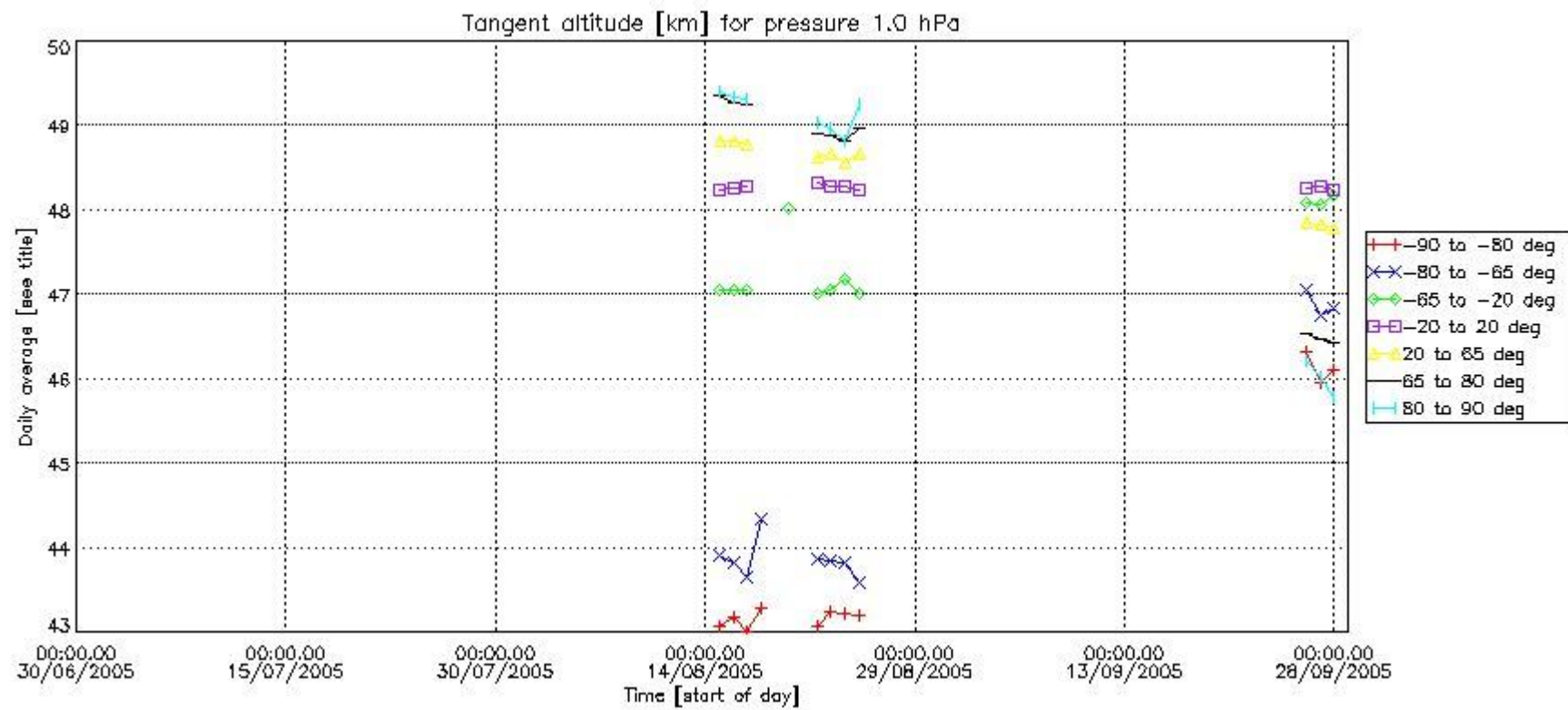


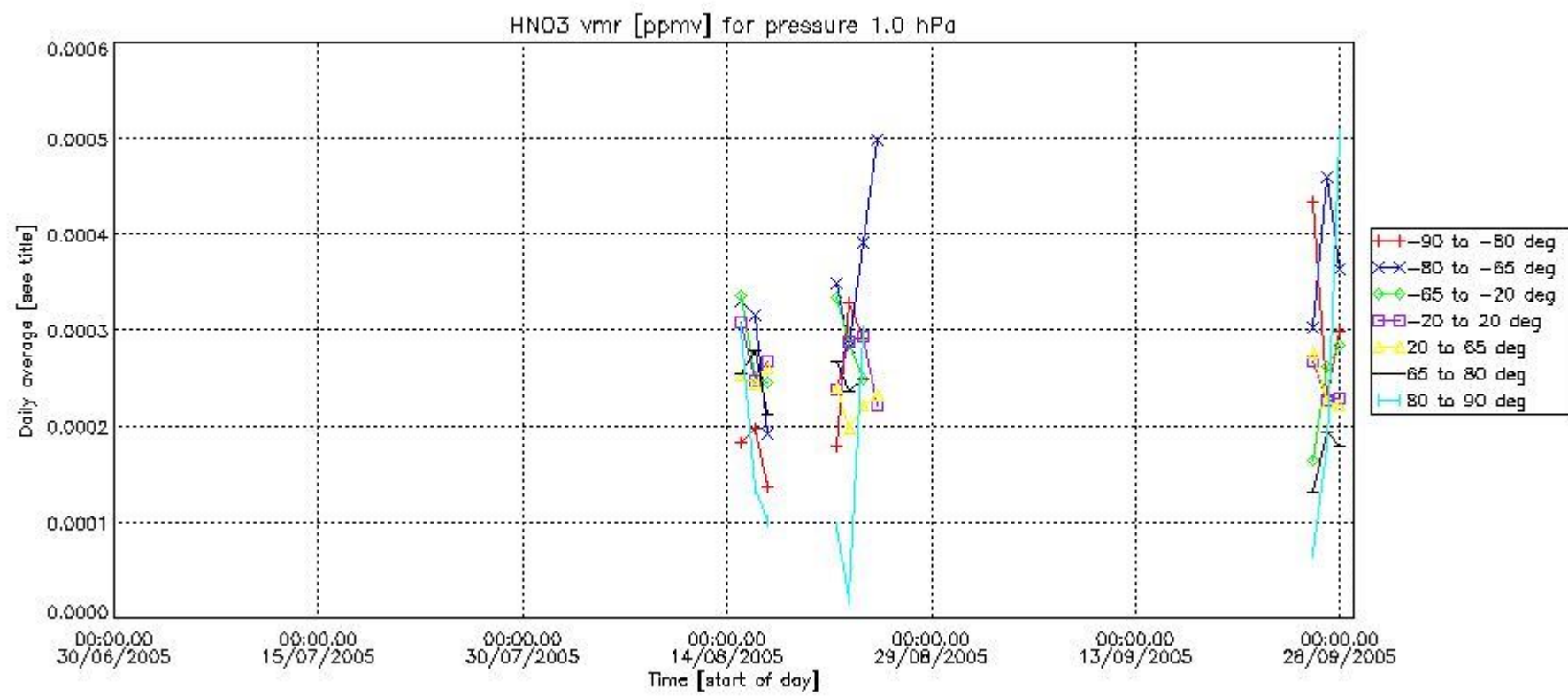
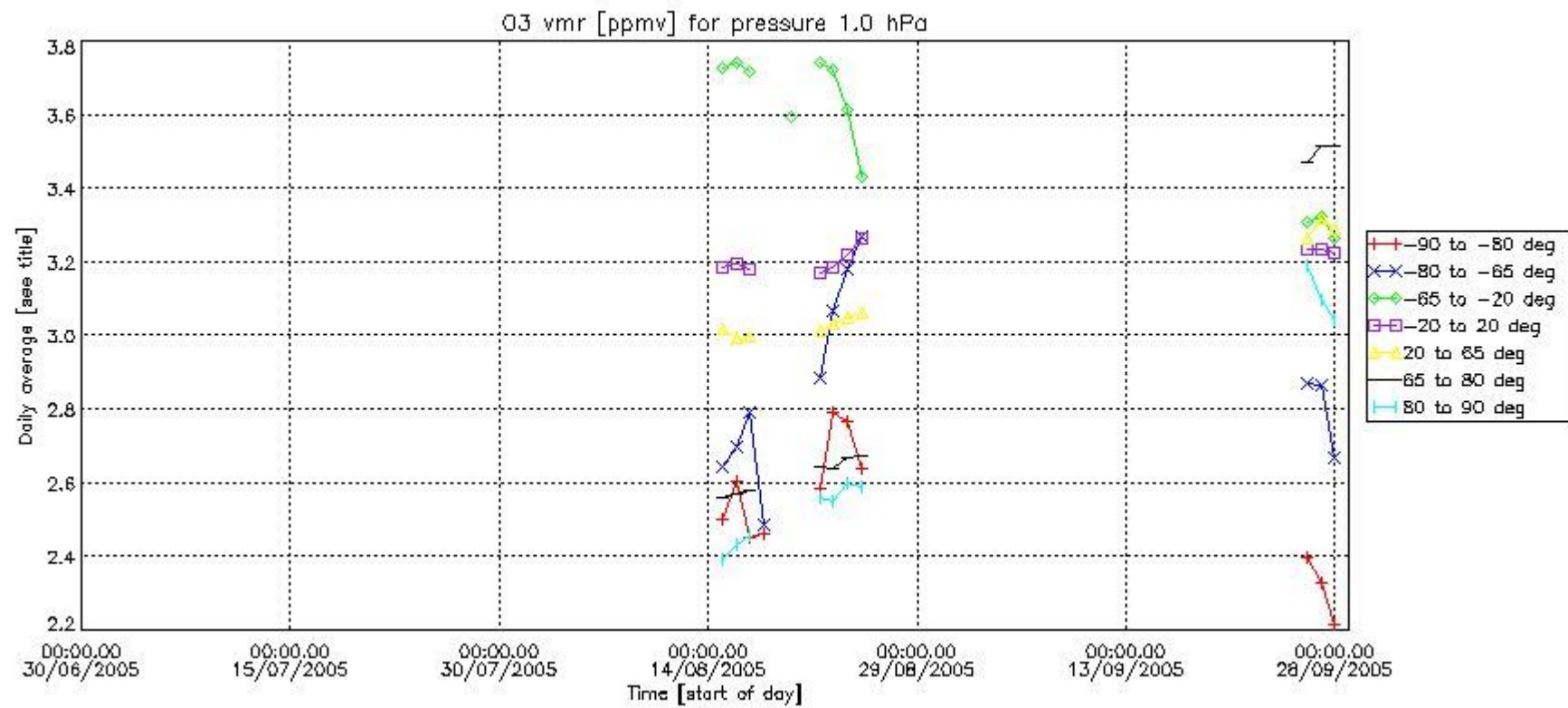


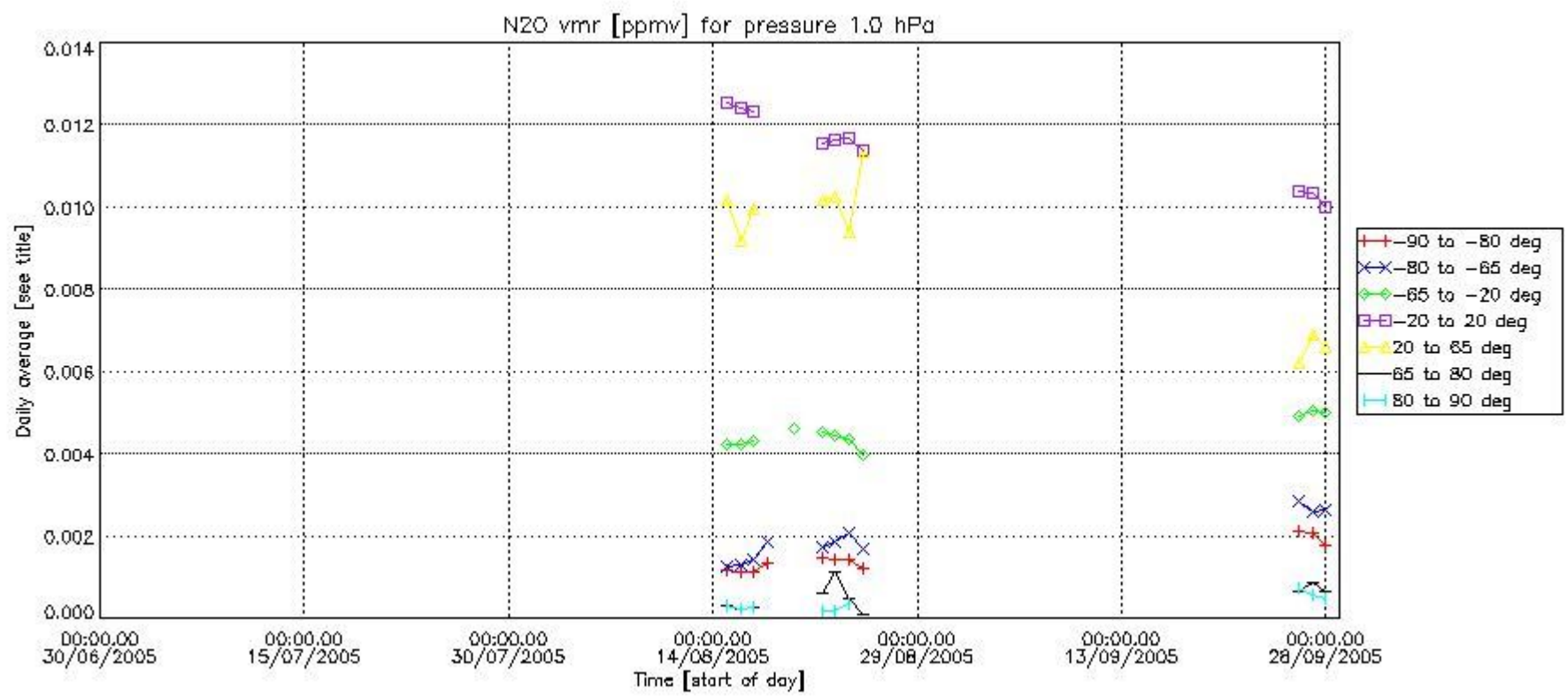
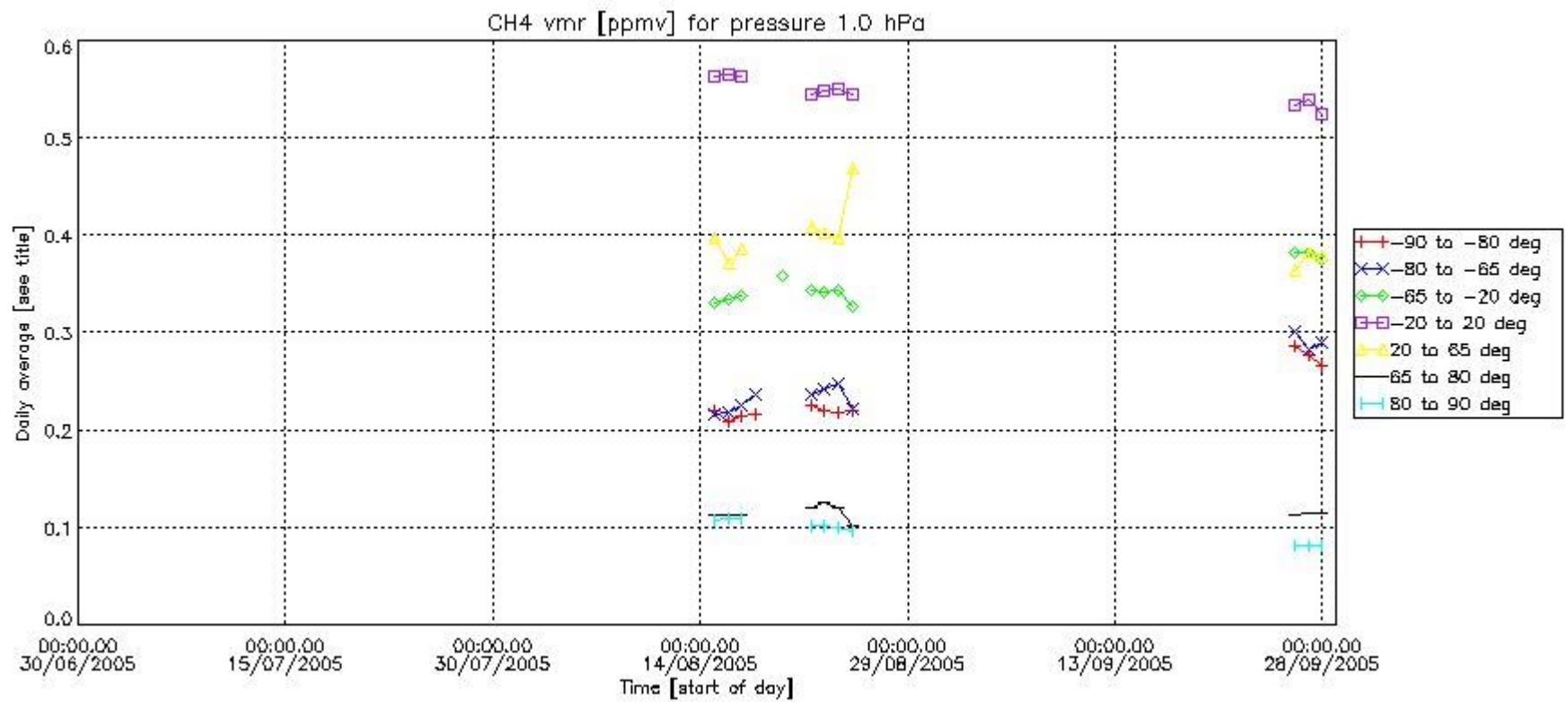


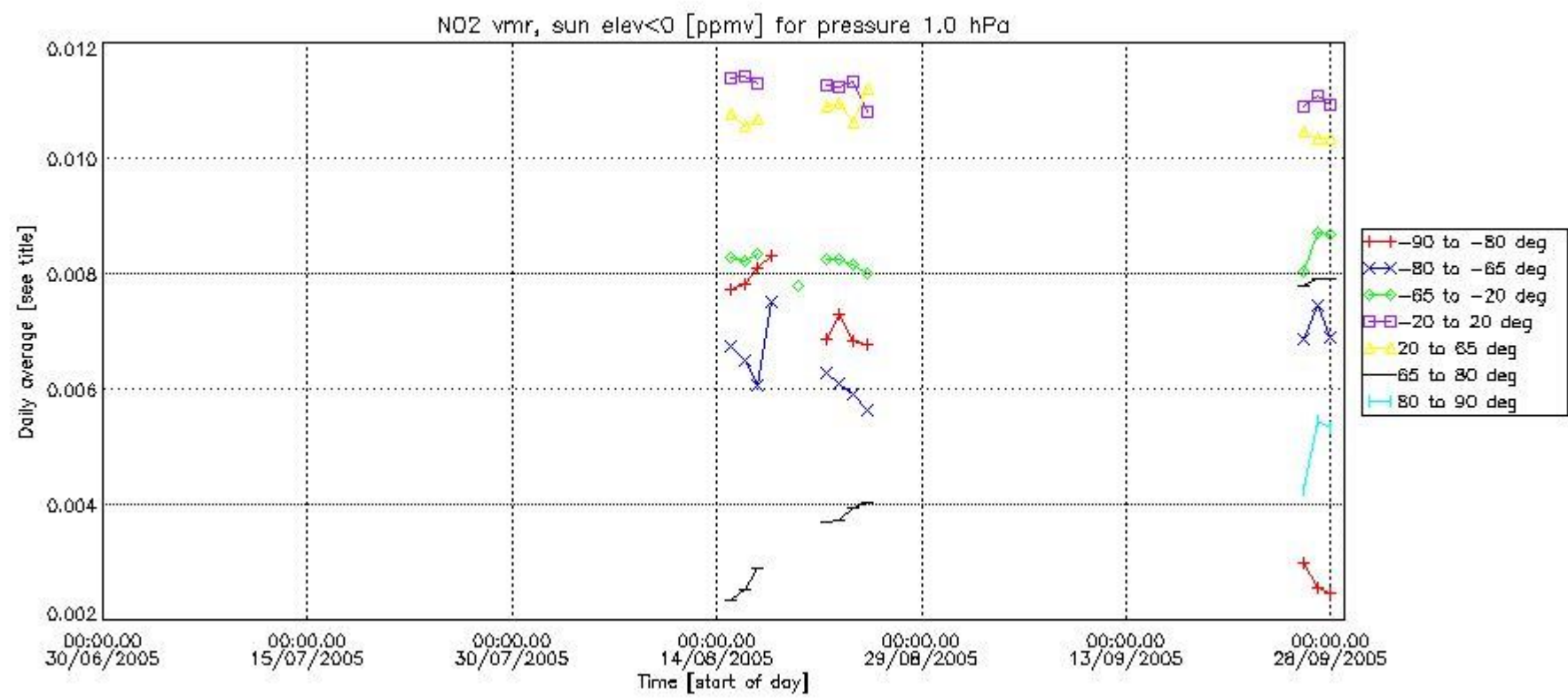
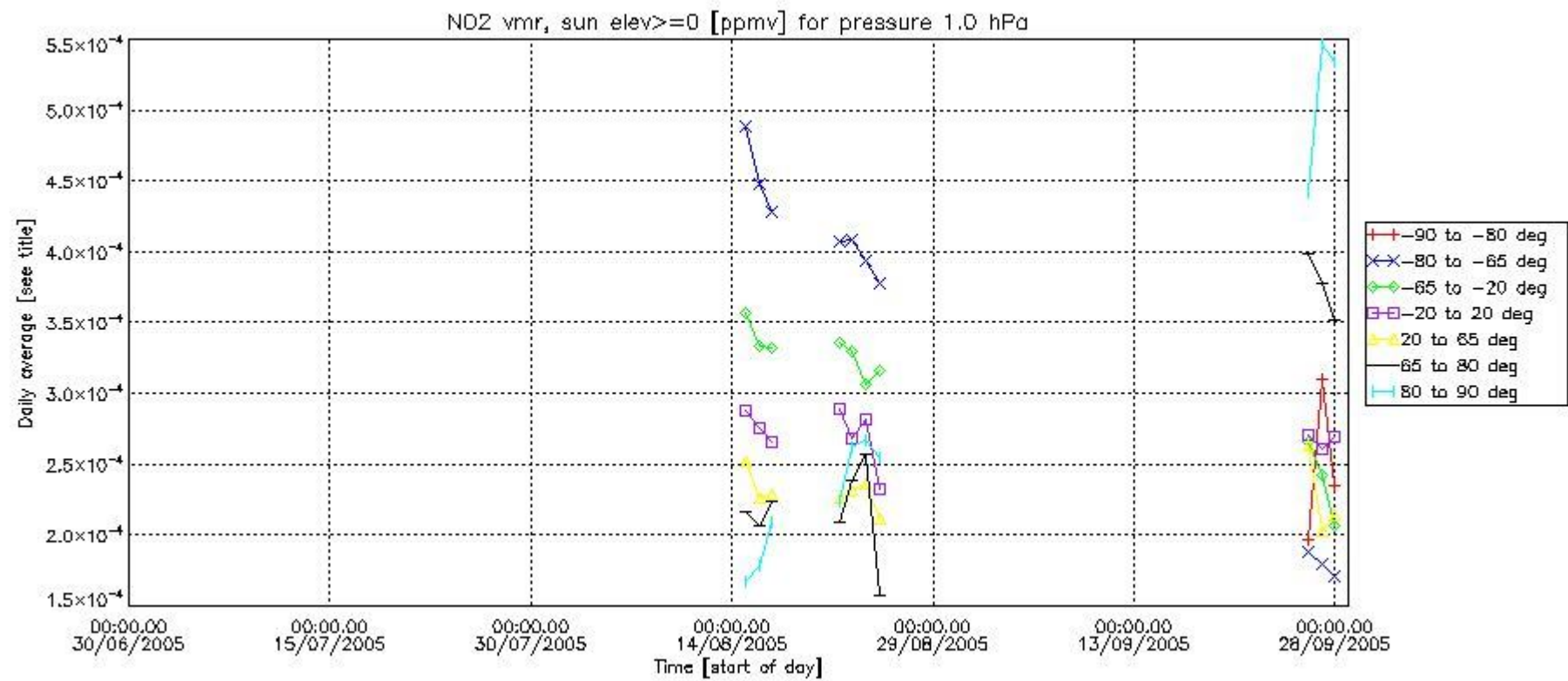


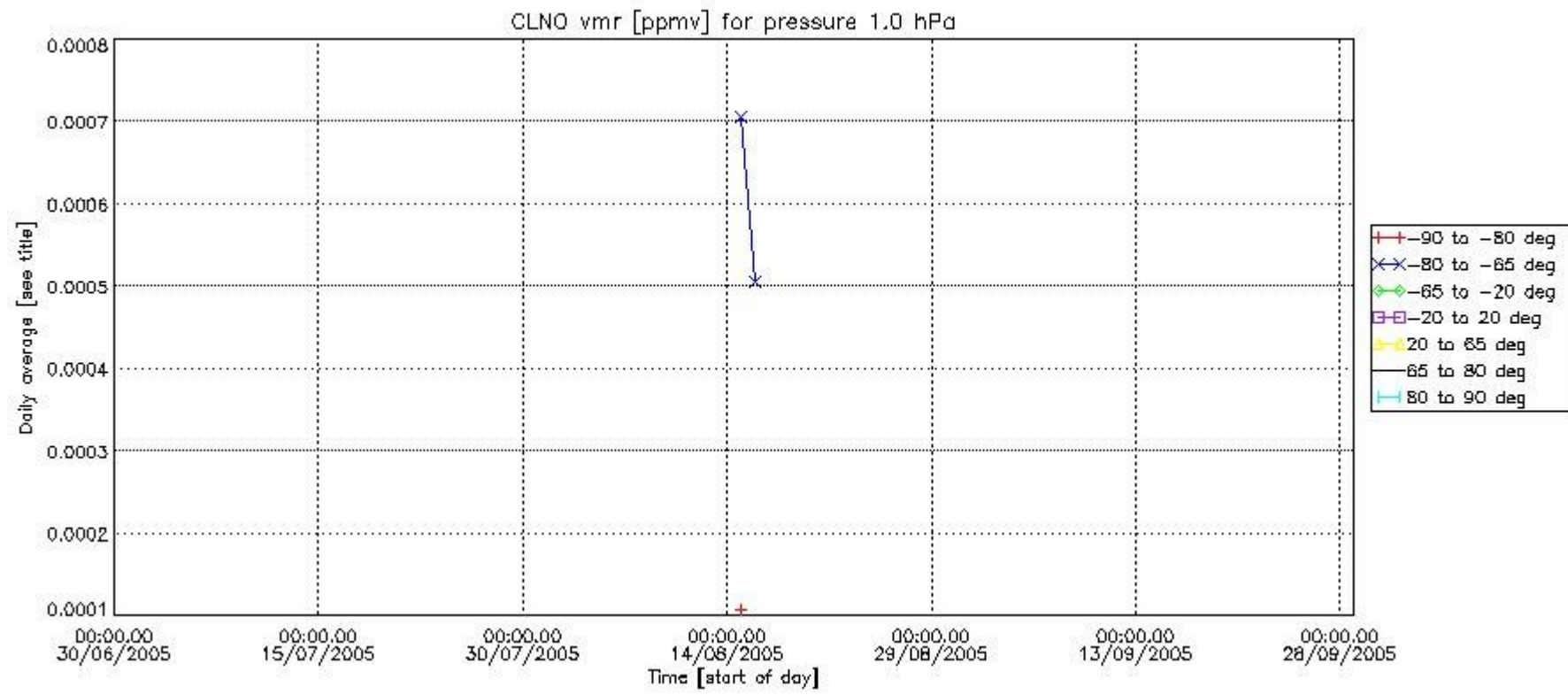
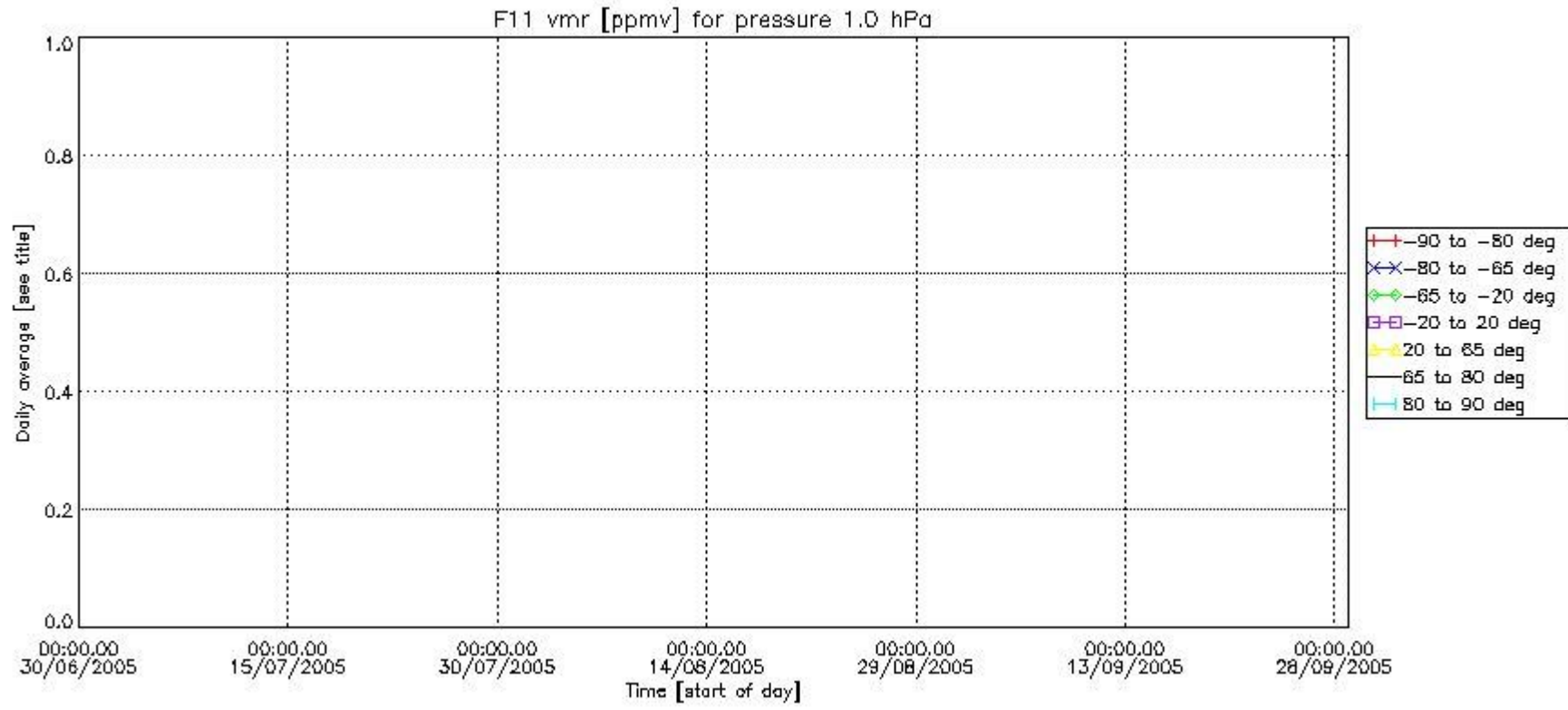


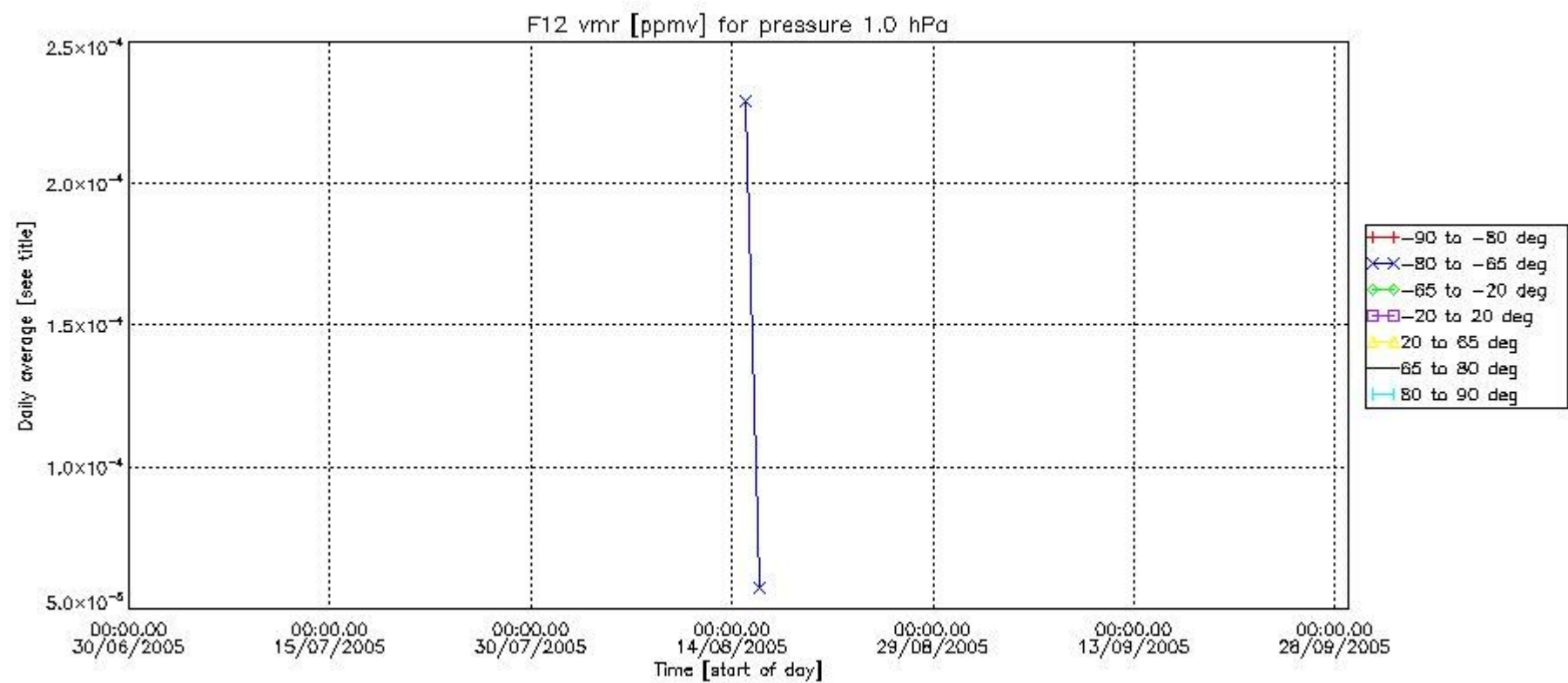
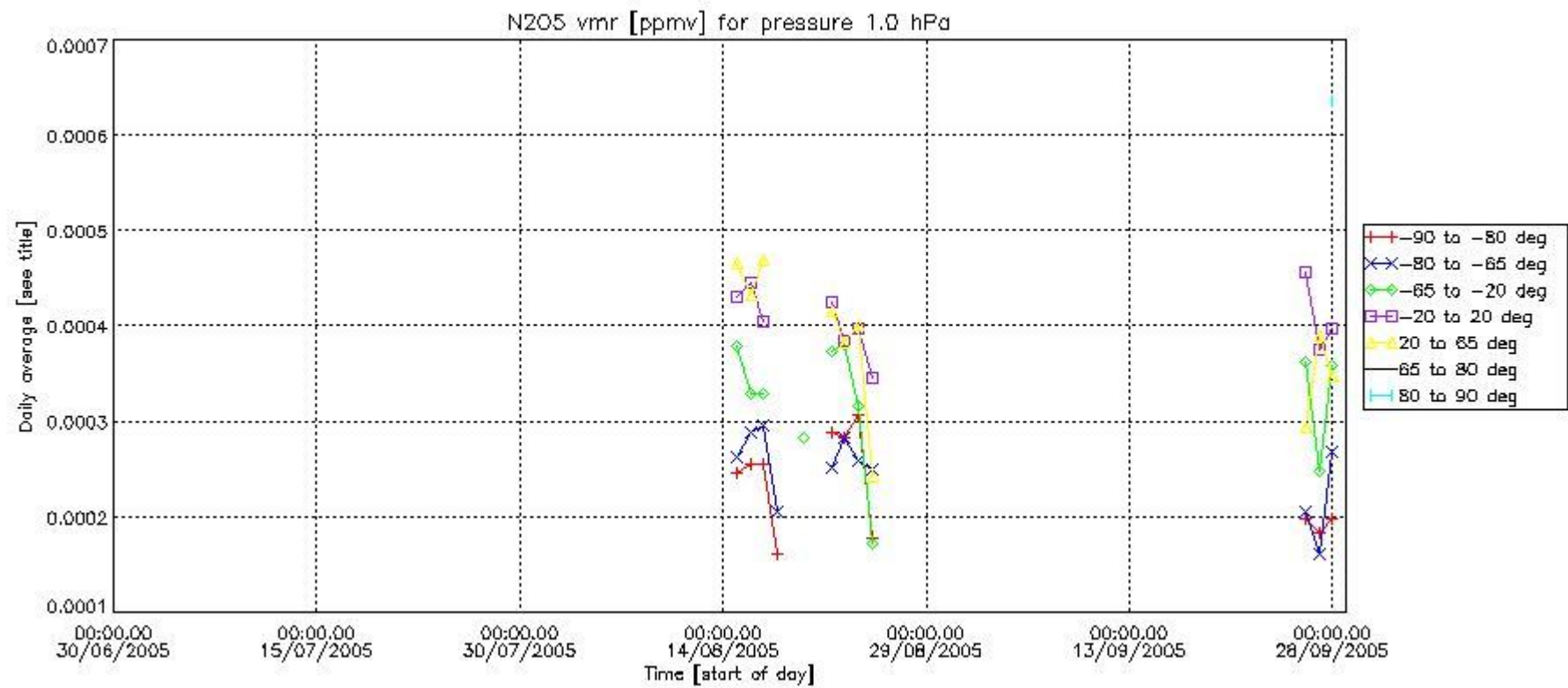


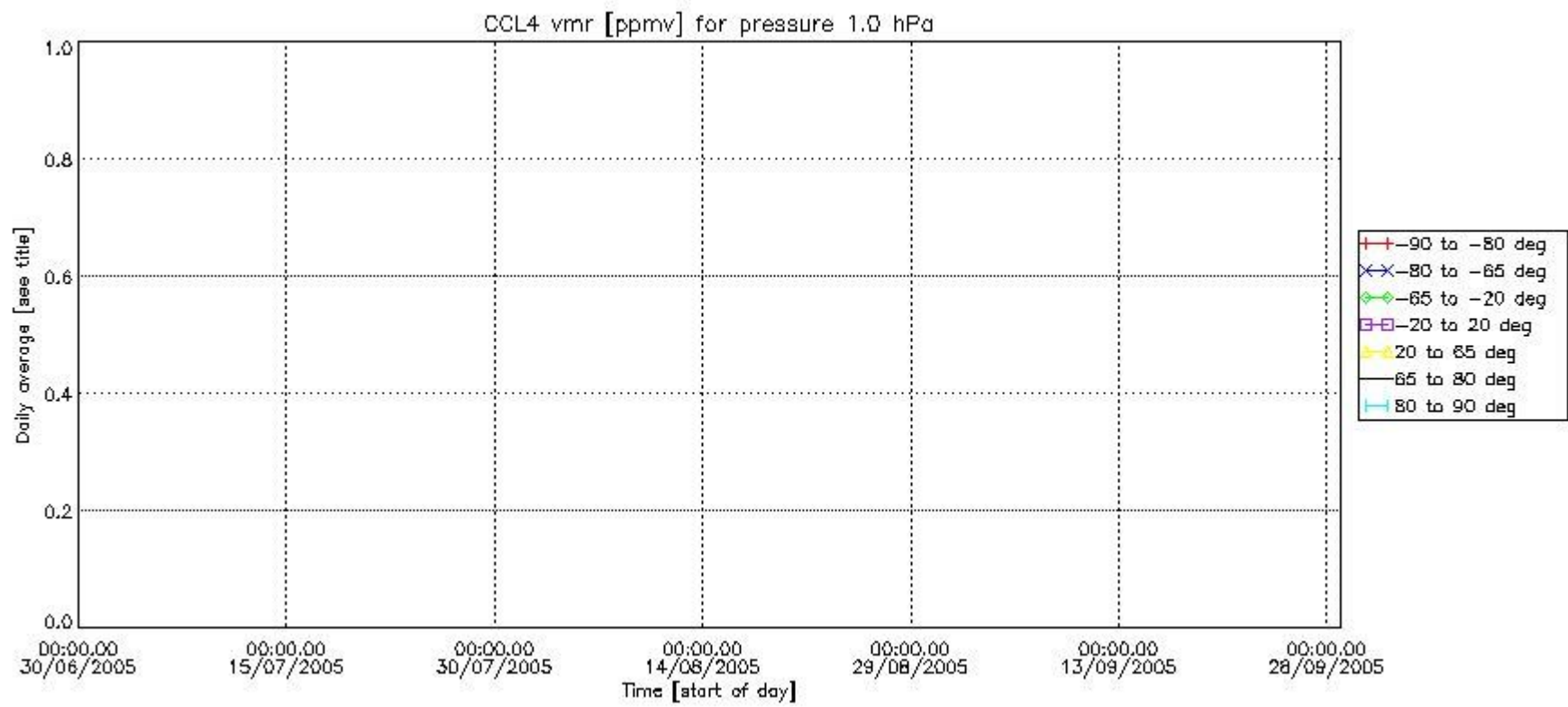
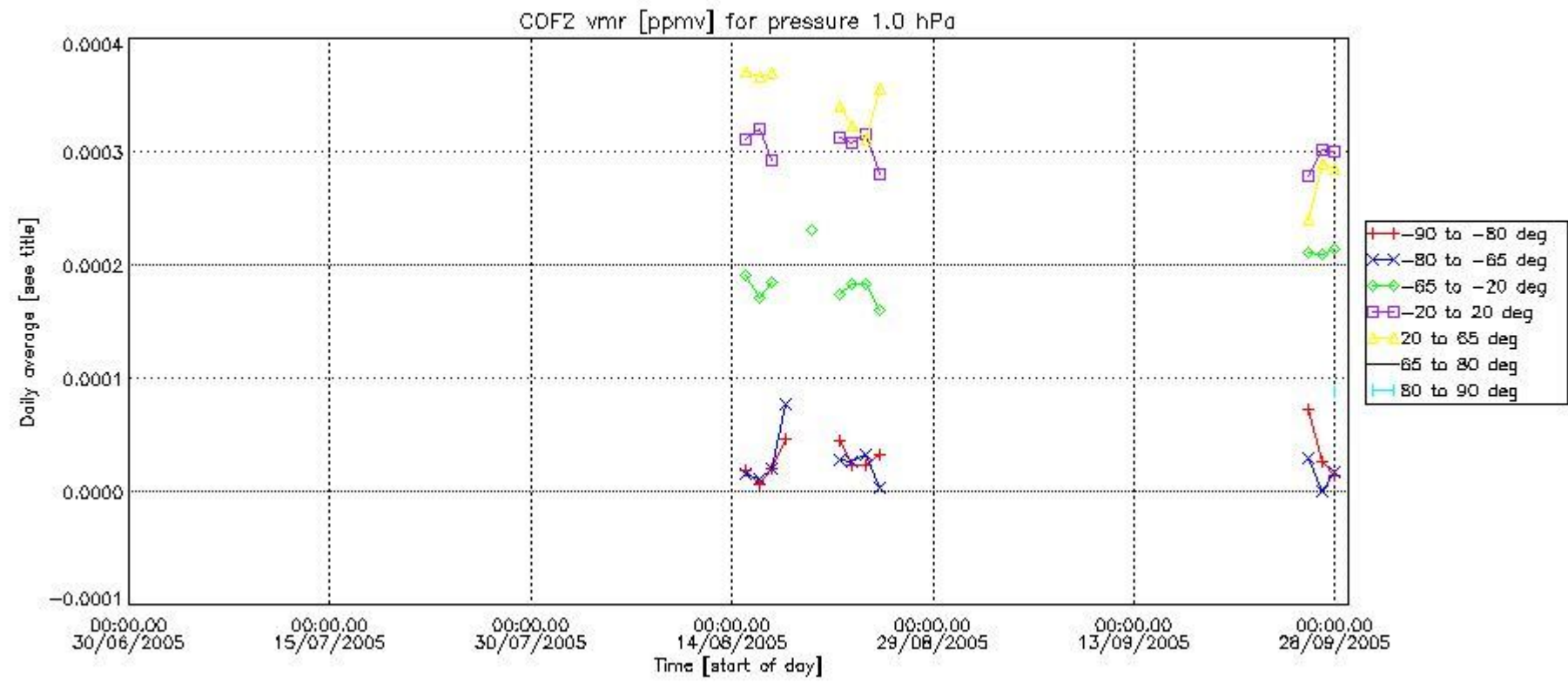


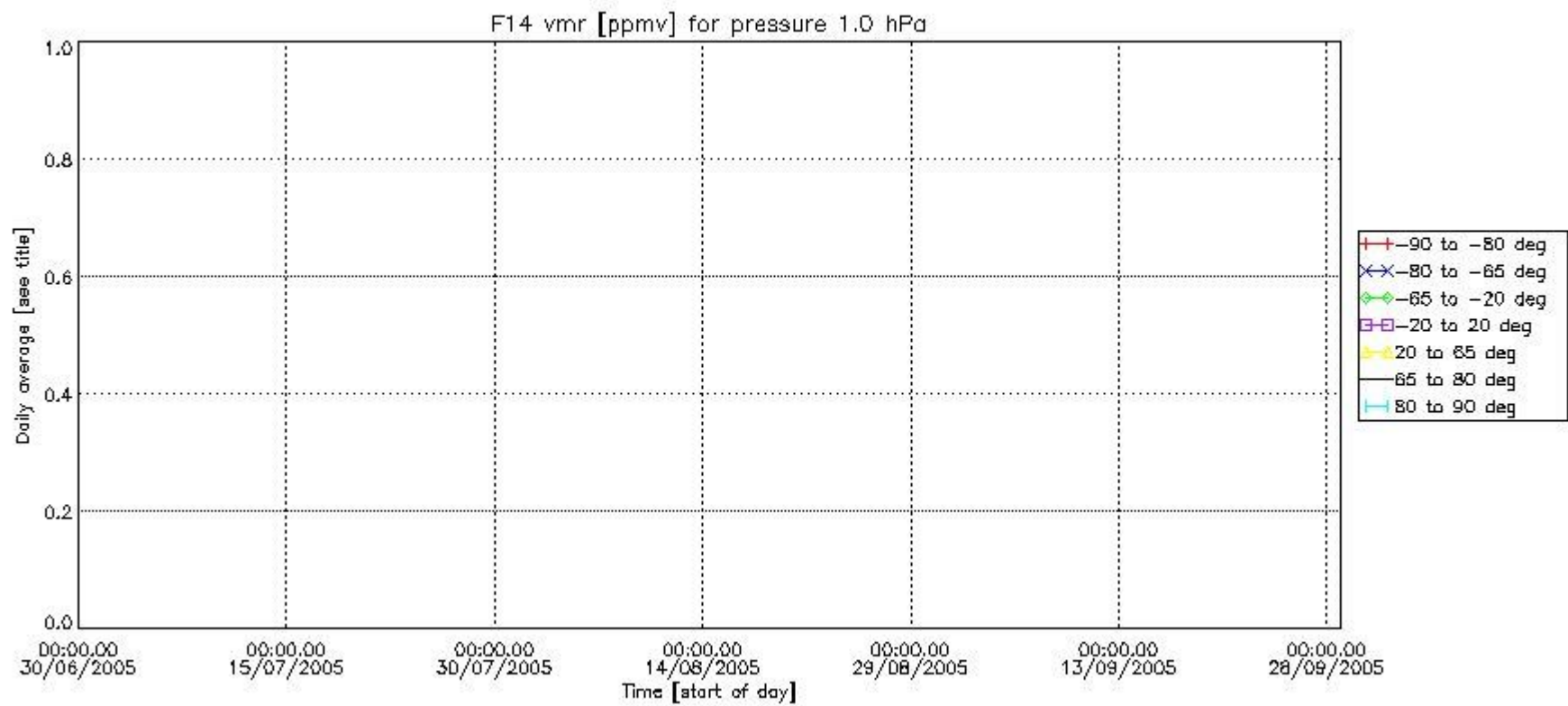
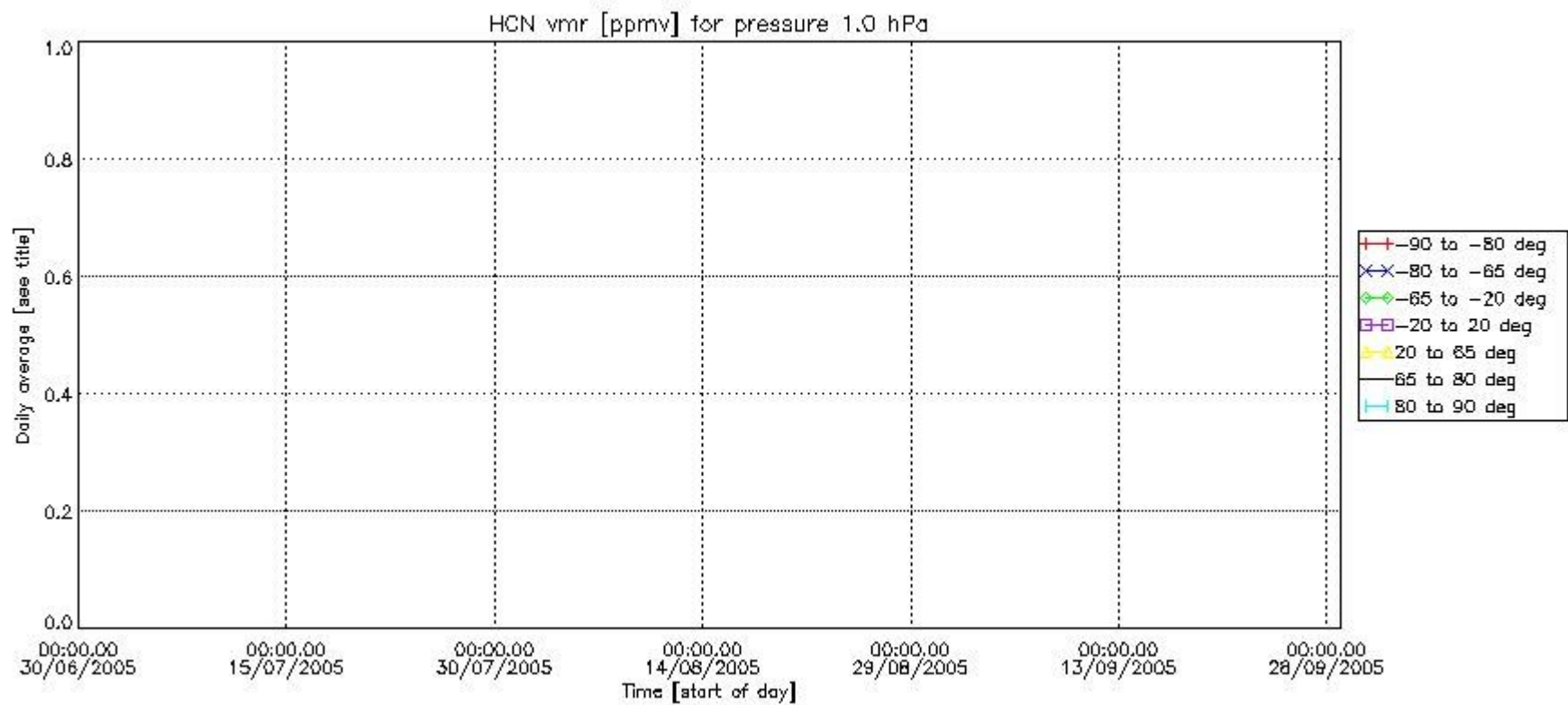


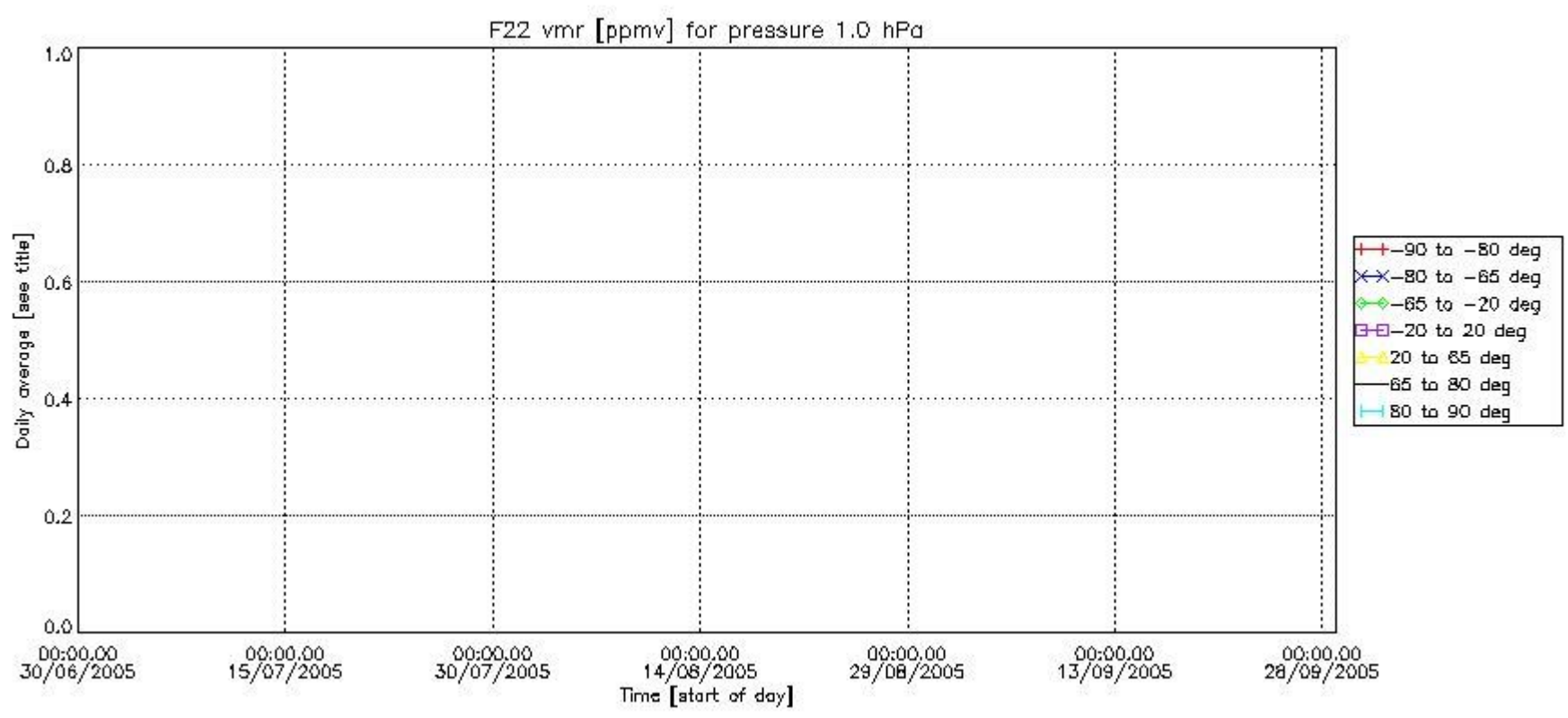












Number of successful retrievals vs. geolocation (*=day side , triangle=night side).

