

2. MIPAS Daily Report for level 2 products summary report

(See [mipas_daily_report_level2_ML2PP_7_03_W_20050930.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 15:12:53
Data source version	ML2PP/7.03-W
Processing scope for products	30SEP2005 00:00:00 to 01OCT2005 00:00:00
Start time of first product within scope	29SEP2005 23:26:26
Stop time of last product within scope	30SEP2005 22:19:36
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__2PWDSI20050929_232626_000060362041_00145_18736_1000.N1	29SEP2005 23:26:26	30SEP2005 01:07:02	0	133/133	VMR_TERM_MACRO_MICRO[HCN/macro:1; F14/macro:1; HCN/micro:1]
1	MIP_NL__2PWDSI20050930_010708_000005062041_00146_18737_1000.N1	30SEP2005 01:07:08	30SEP2005 01:15:34	0	11/11	VMR_TERM_MACRO_MICRO[O3/micro:1]
2	MIP_NL__2PWDSI20050930_061229_000042162041_00149_18740_1000.N1	30SEP2005 06:12:29	30SEP2005 07:22:45	0	69/69	VMR_TERM_MACRO_MICRO[HCN/micro:1]
3	MIP_NL__2PWDSI20050930_084145_000028462041_00150_18741_1000.N1	30SEP2005 08:41:45	30SEP2005 09:29:12	0	63/63	VMR_TERM_MACRO_MICRO[F14/macro:1]
4	MIP_NL__2PWDSI20050930_093002_000044792041_00151_18742_1000.N1	30SEP2005 09:30:02	30SEP2005 10:44:41	0	34/34	
5	MIP_NL__2PWDSI20050930_193717_000057662041_00157_18748_1000.N1	30SEP2005 19:37:17	30SEP2005 21:13:23	0	90/90	VMR_TERM_MACRO_MICRO[HCN/micro:1]
6	MIP_NL__2PWDSI20050930_211413_000039232041_00158_18749_1000.N1	30SEP2005 21:14:13	30SEP2005 22:19:36	0	82/82	

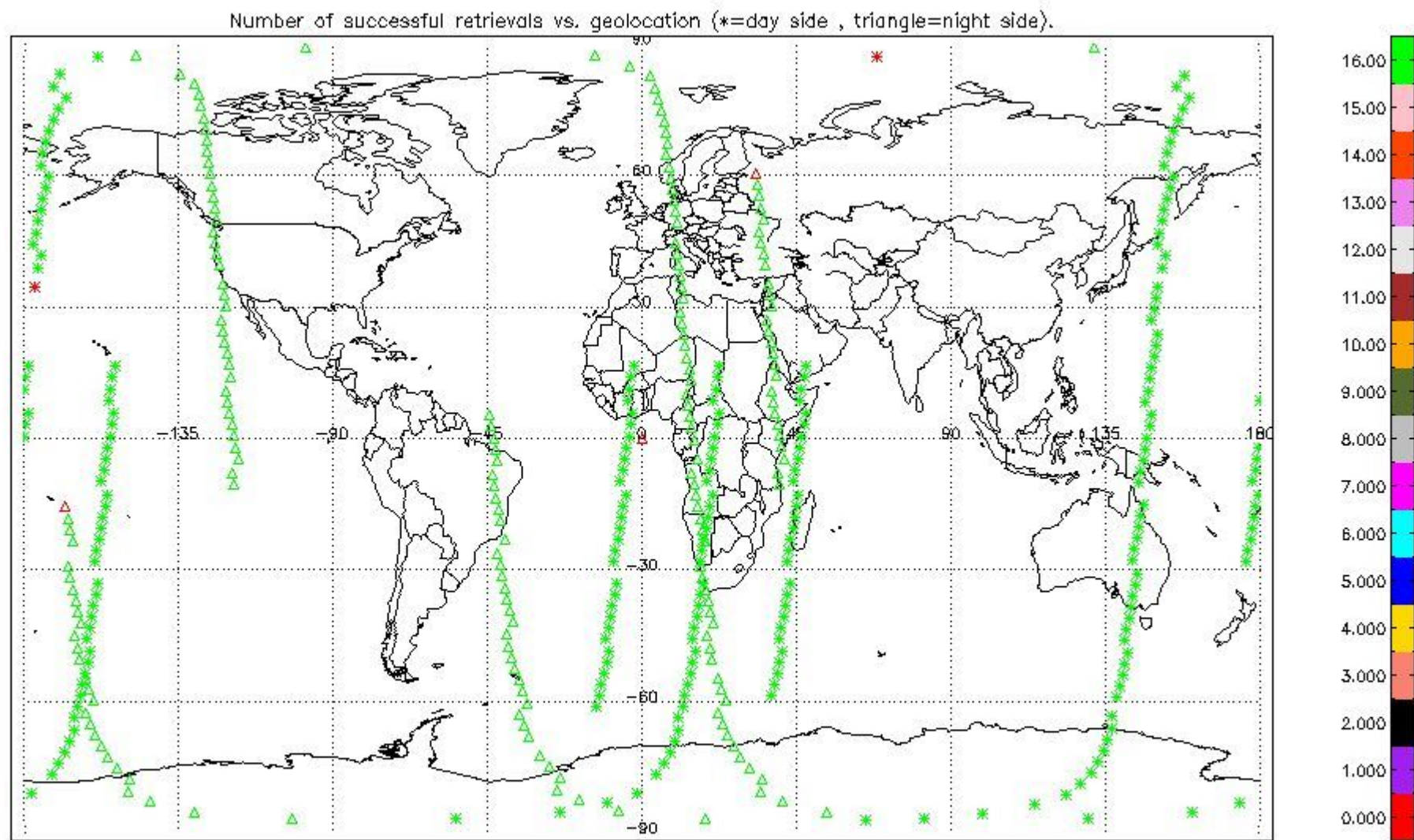
2.2 Processing performance indicators

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.

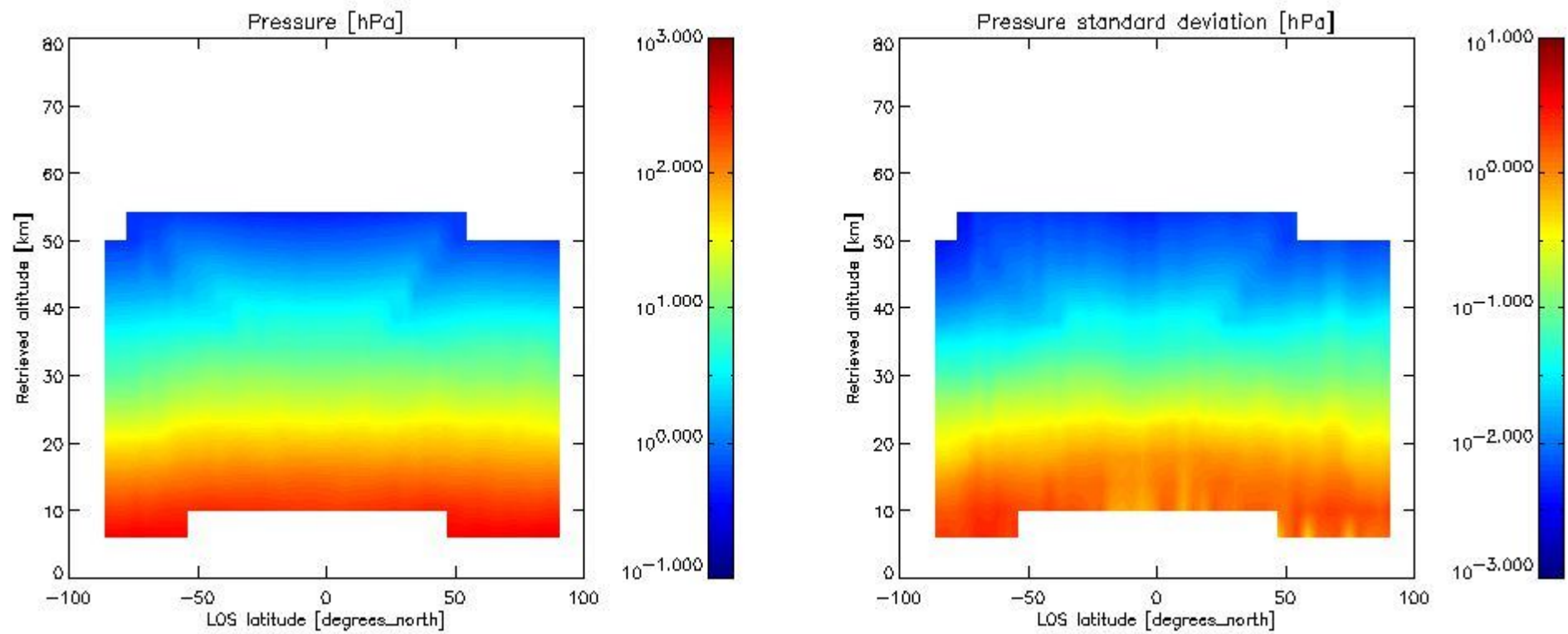
RETRIEVAL MDS	# scans processed	# Successful retrievals	%
PT	482	432	89.627
H2O	482	432	89.627
O3	482	432	89.627

HNO3	482	432	89.627
CH4	482	432	89.627
N2O	482	432	89.627
NO2	482	432	89.627
F11	482	432	89.627
CLNO	482	432	89.627
N2O5	482	432	89.627
F12	482	432	89.627
COF2	482	432	89.627
CCL4	482	432	89.627
HCN	482	432	89.627
F14	482	432	89.627
F22	482	432	89.627



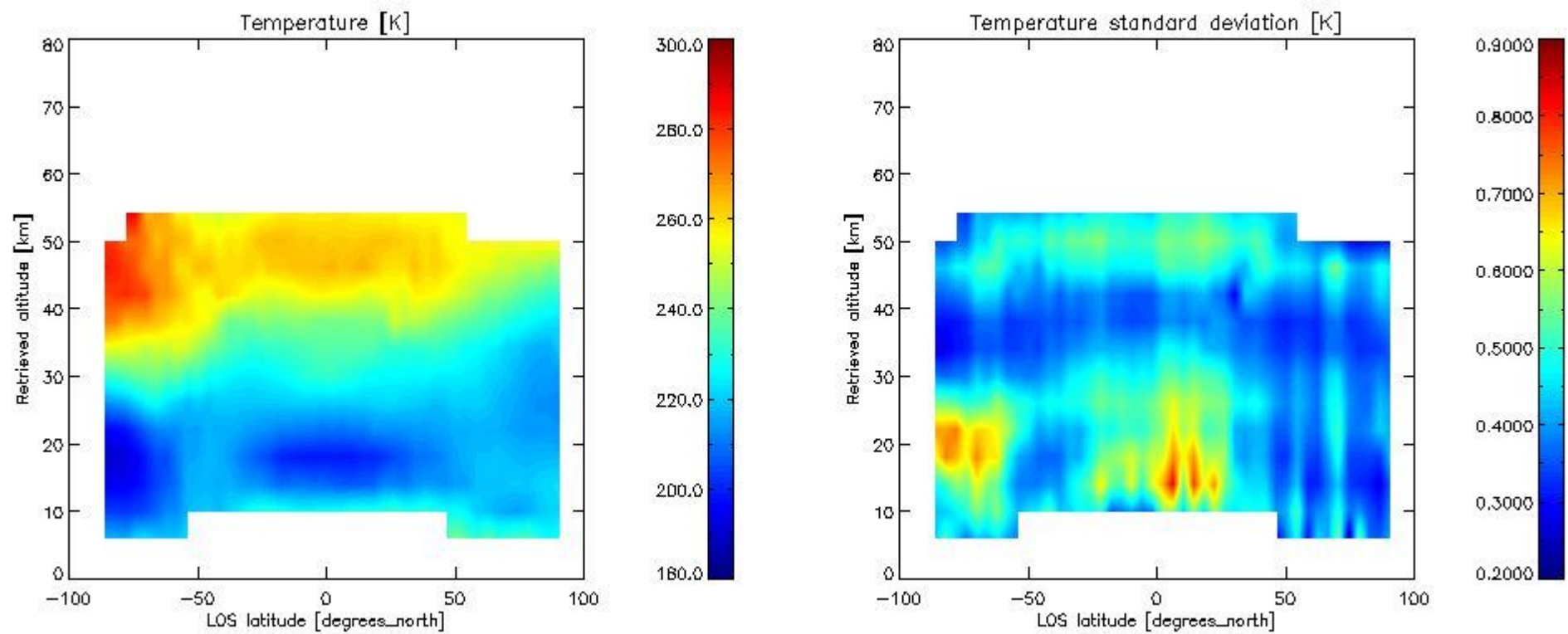
2.2.2 Pressure overview

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



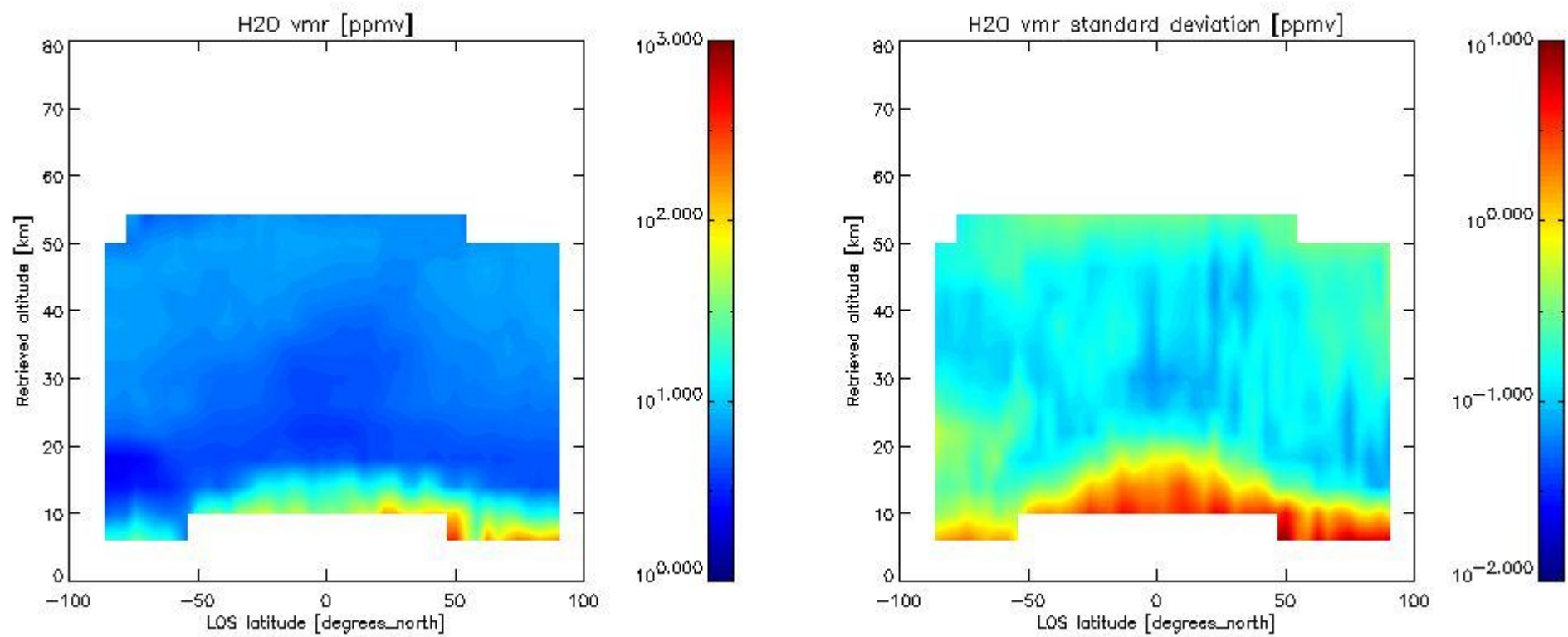
2.2.3 Temperature overview

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

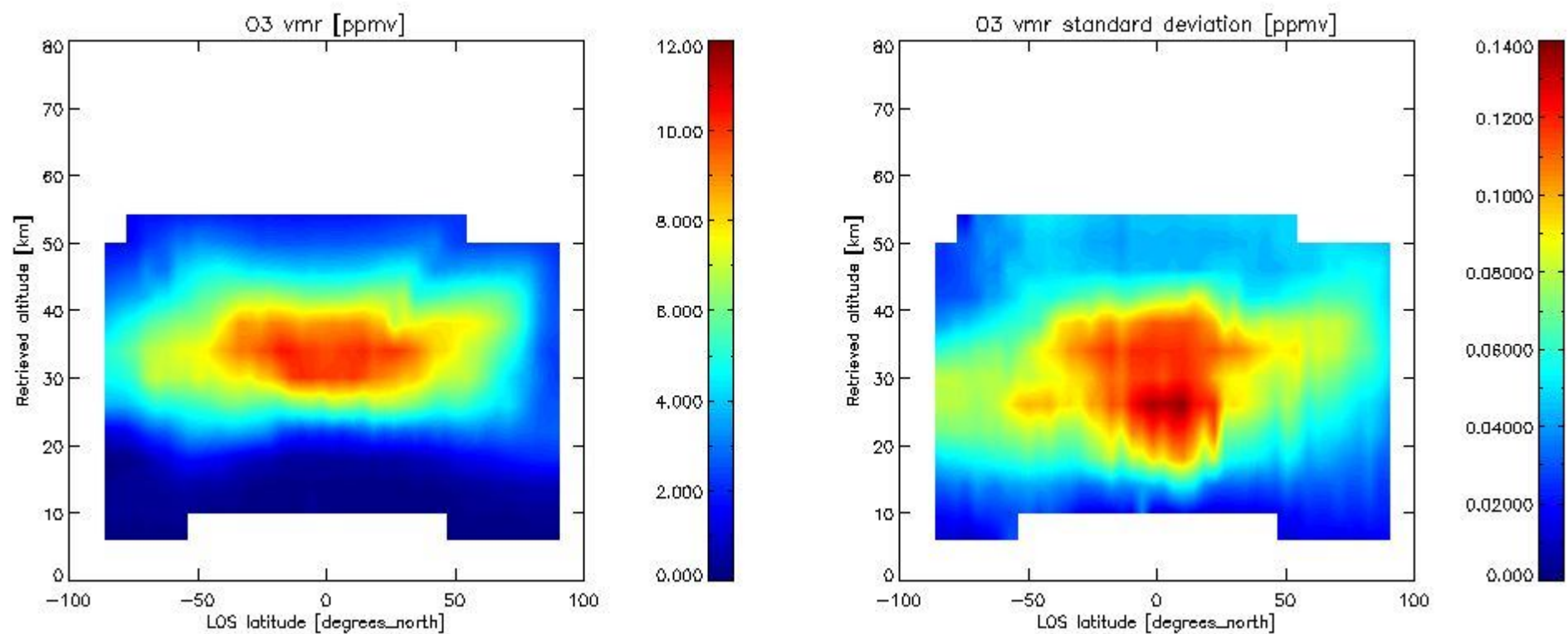


2.2.4 Species overview

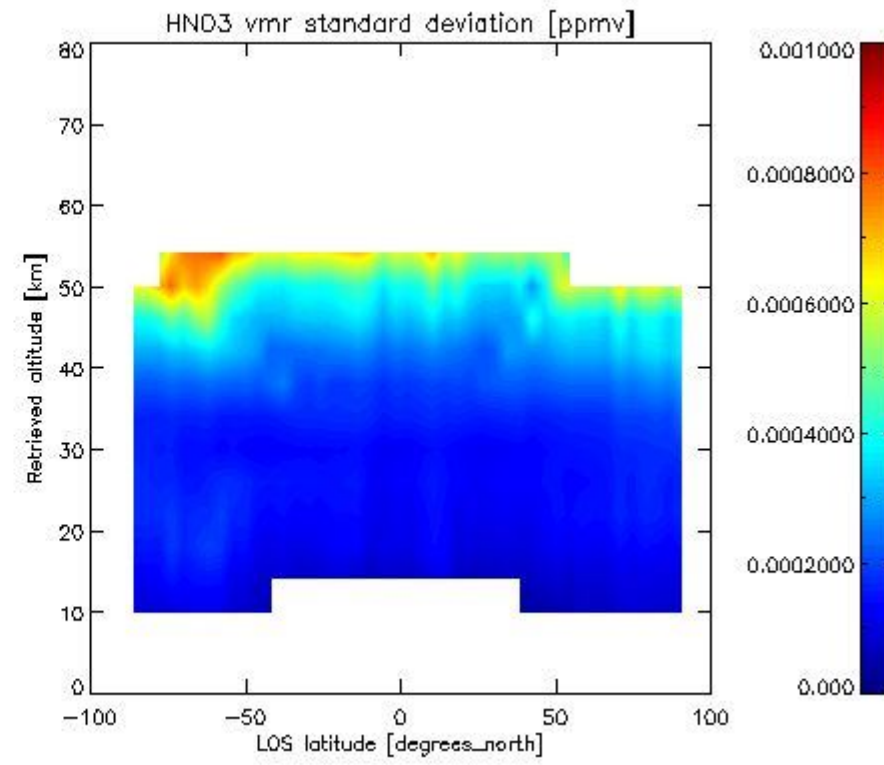
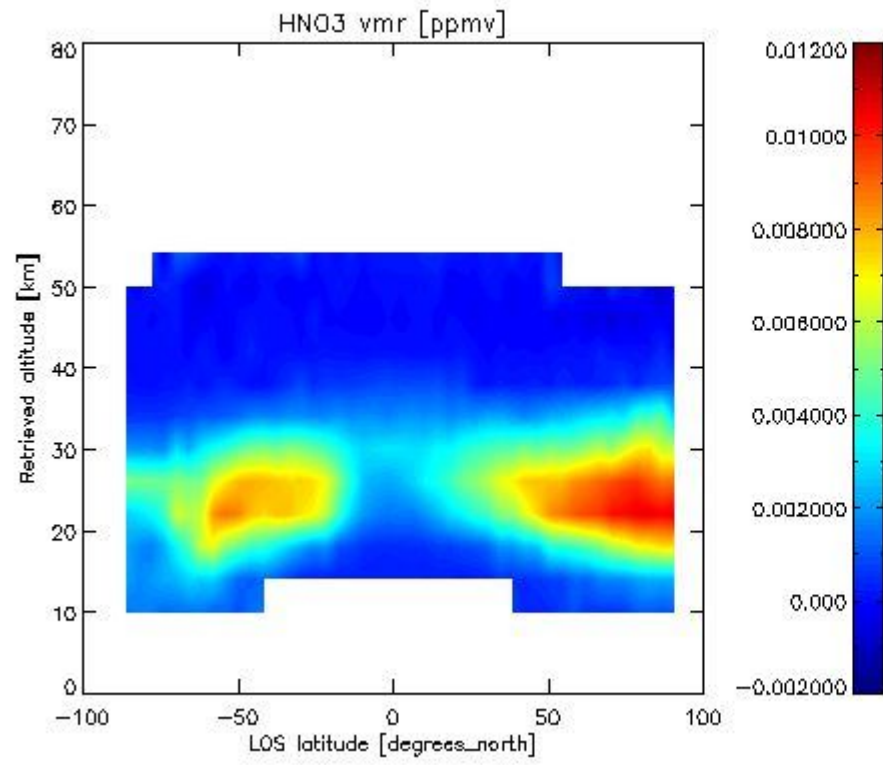
2.2.4.1 H₂O overview This section shows values (left) and error (right) for H₂O after binning individual sweep values over retrieved altitude and tangent latitude.



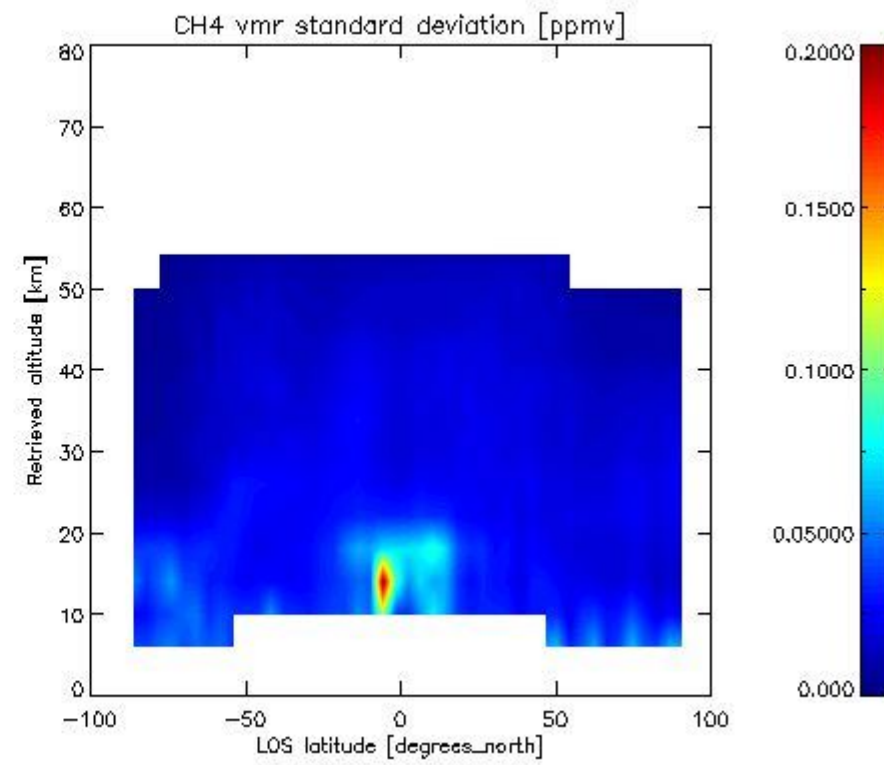
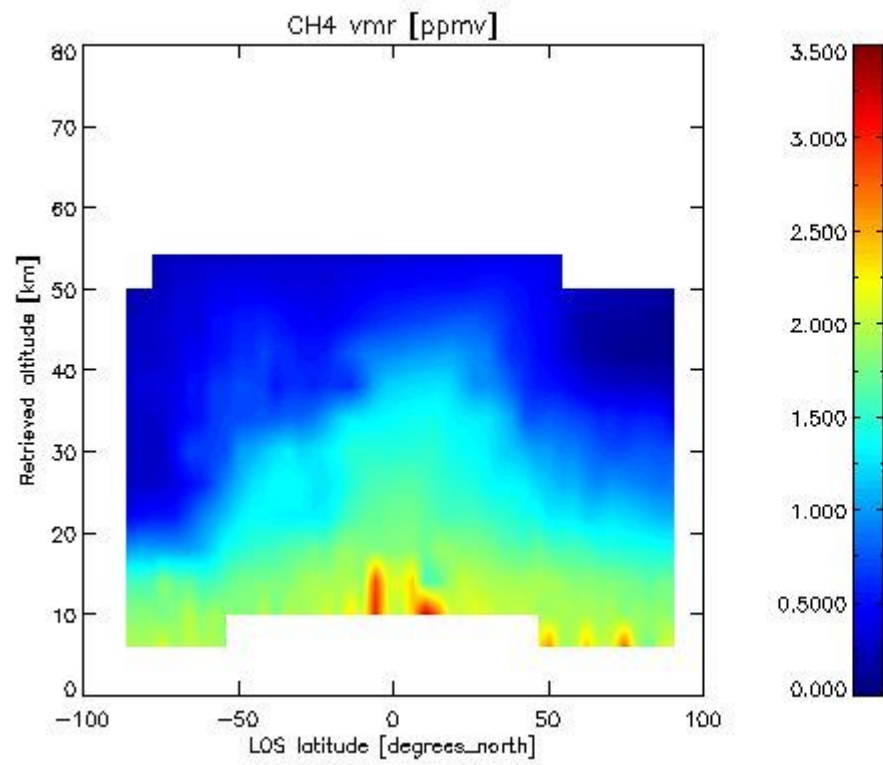
2.2.4.2 O3 overview This section shows values (left) and error (right) for O3 after binning individual sweep values over retrieved altitude and tangent latitude.



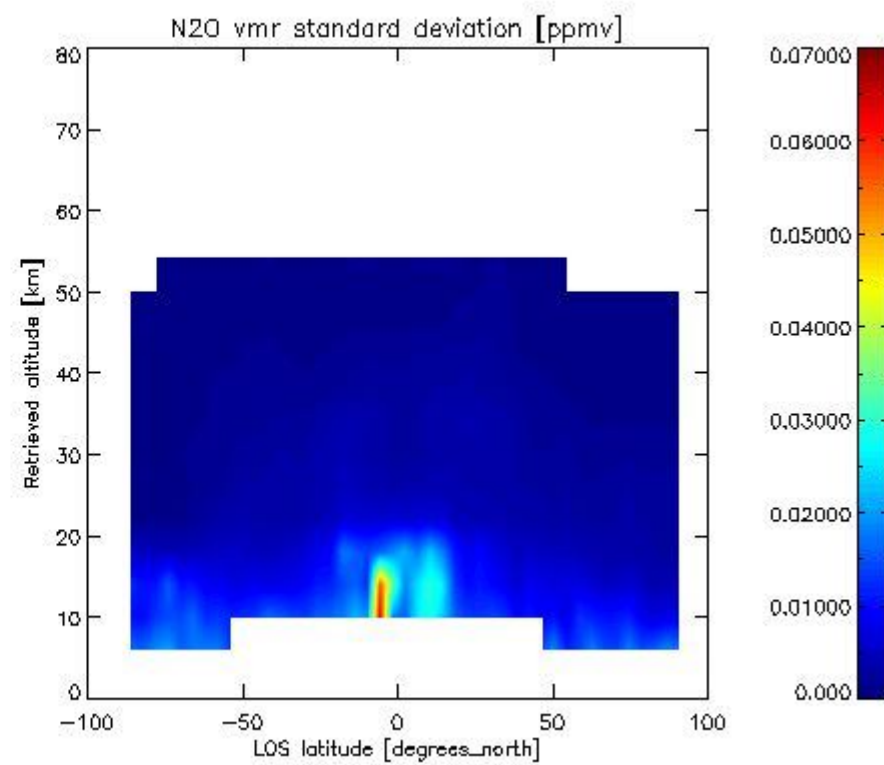
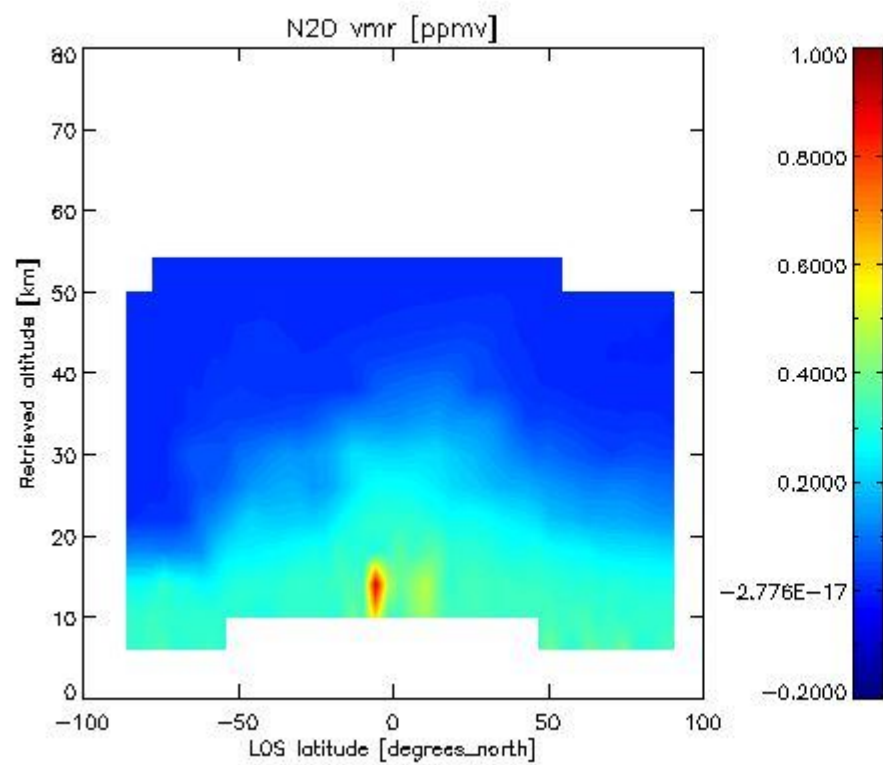
2.2.4.3 HNO3 overview This section shows values (left) and error (right) for HNO3 after binning individual sweep values over retrieved altitude and tangent latitude.



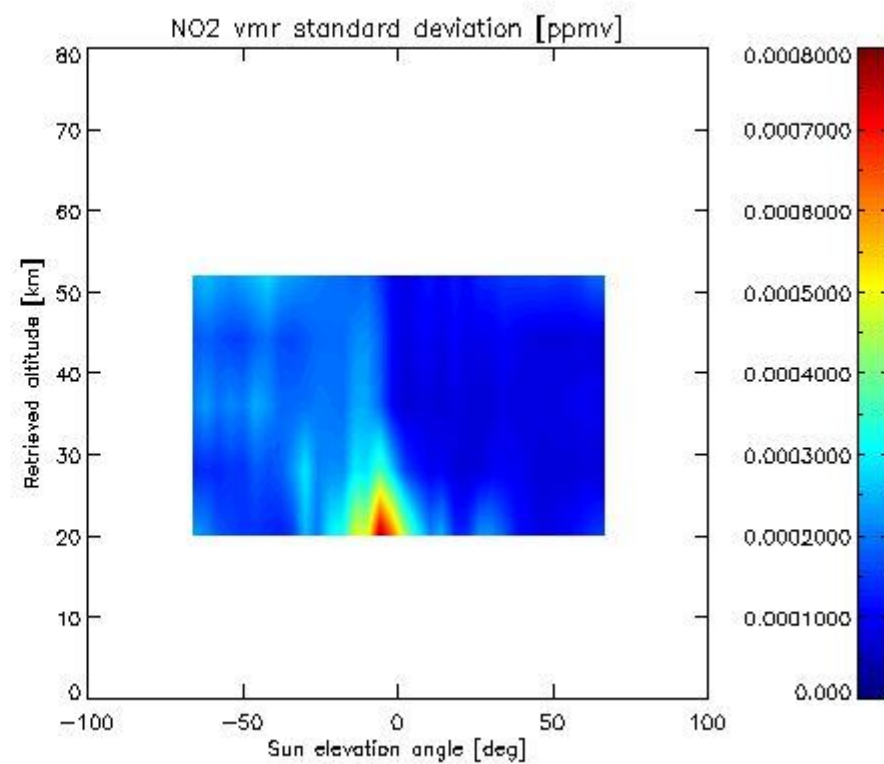
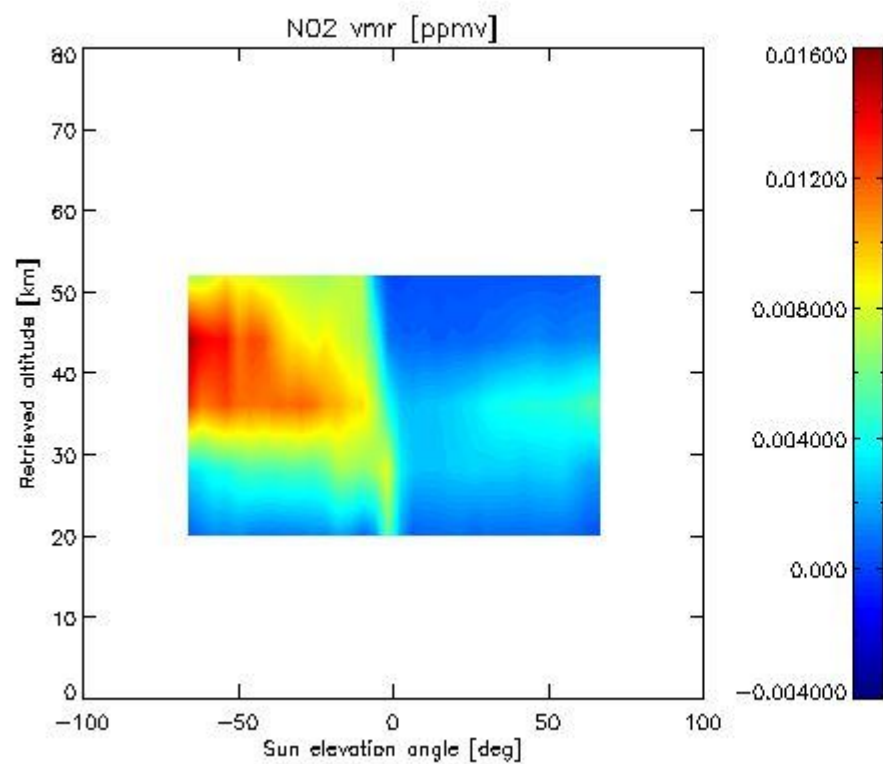
2.2.4.4 CH4 overview This section shows values (left) and error (right) for CH4 after binning individual sweep values over retrieved altitude and tangent latitude.



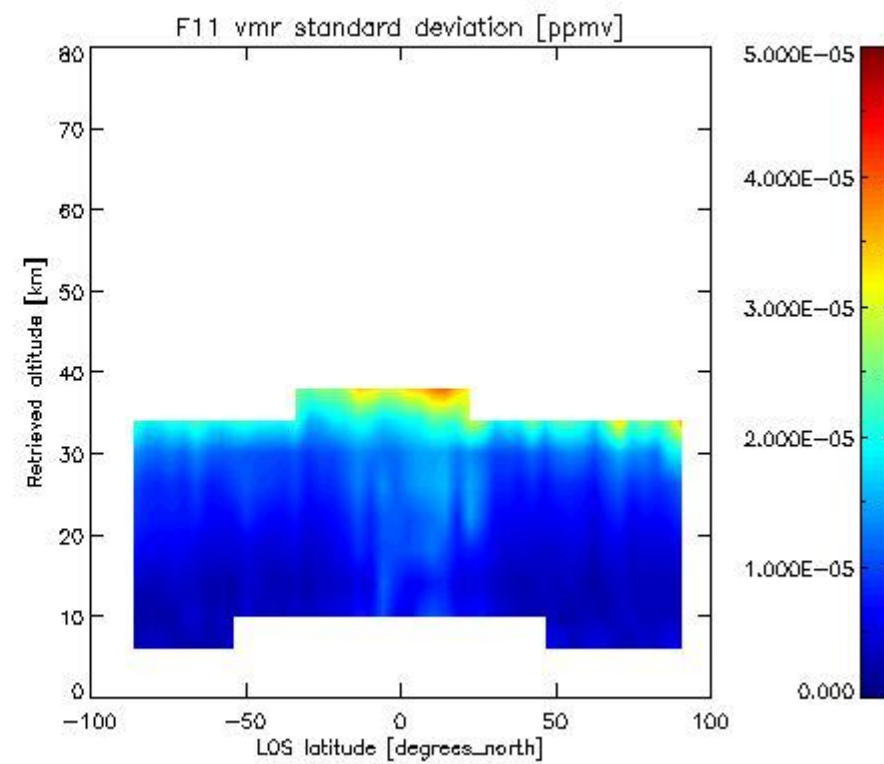
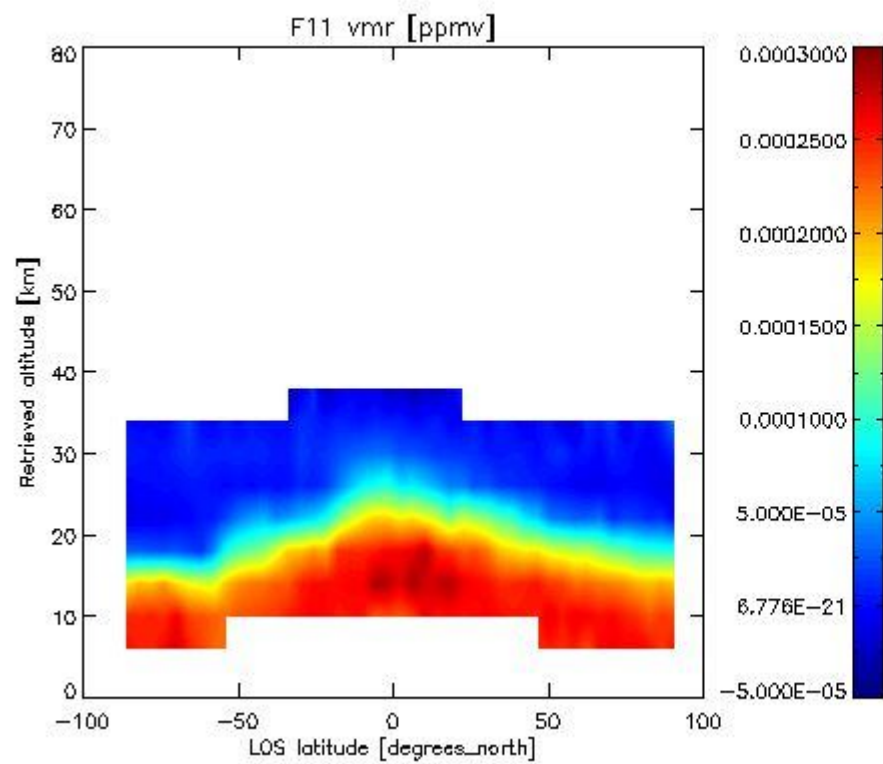
2.2.4.5 N2O overview This section shows values (left) and error (right) for N2O after binning individual sweep values over retrieved altitude and tangent latitude.



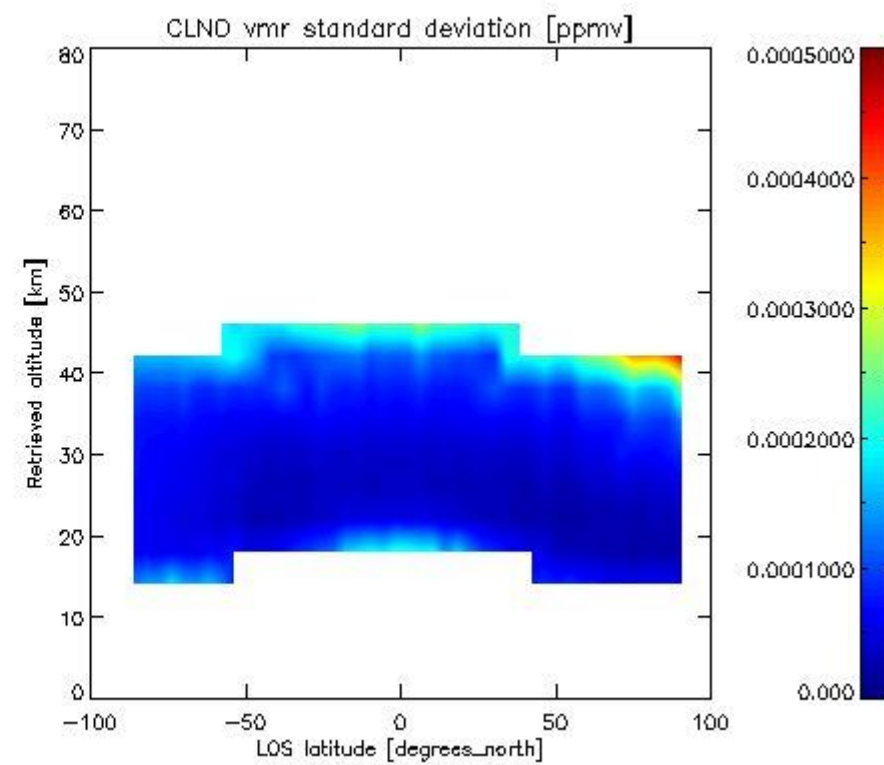
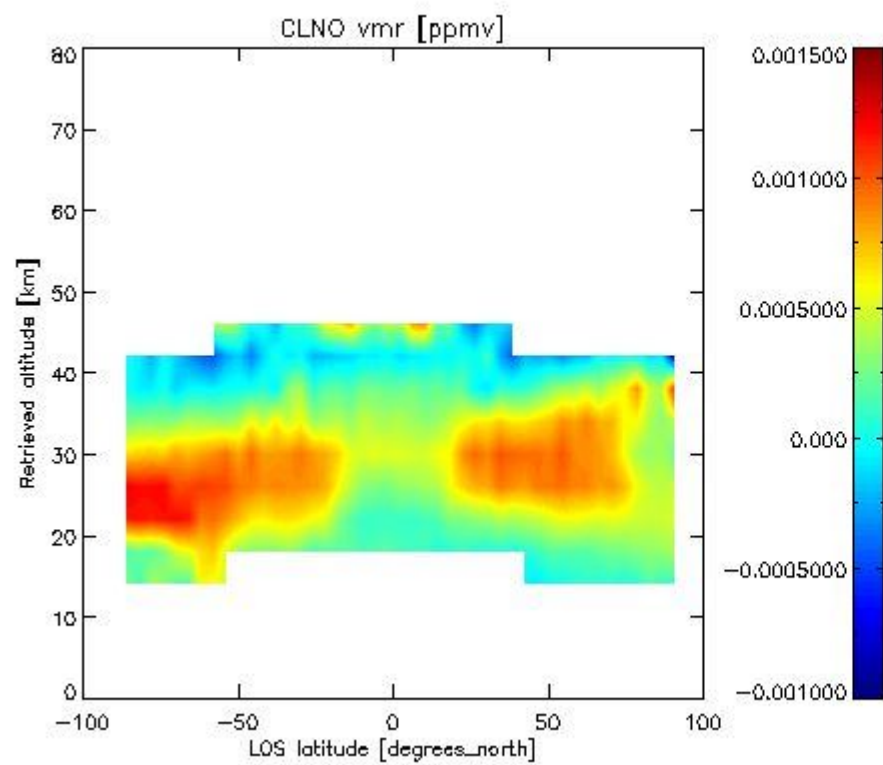
2.2.4.6 NO2 overview This section shows values (left) and error (right) for NO2 after binning individual sweep values over retrieved altitude and Sun Elevation Angle. Note that for NO2 the bin heights are 6 km.

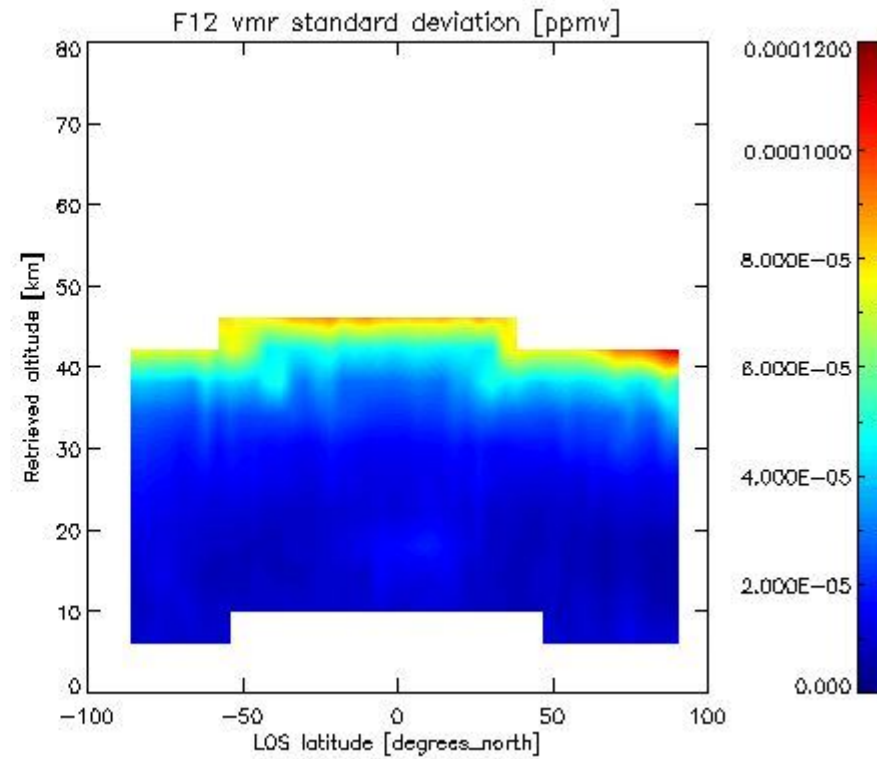
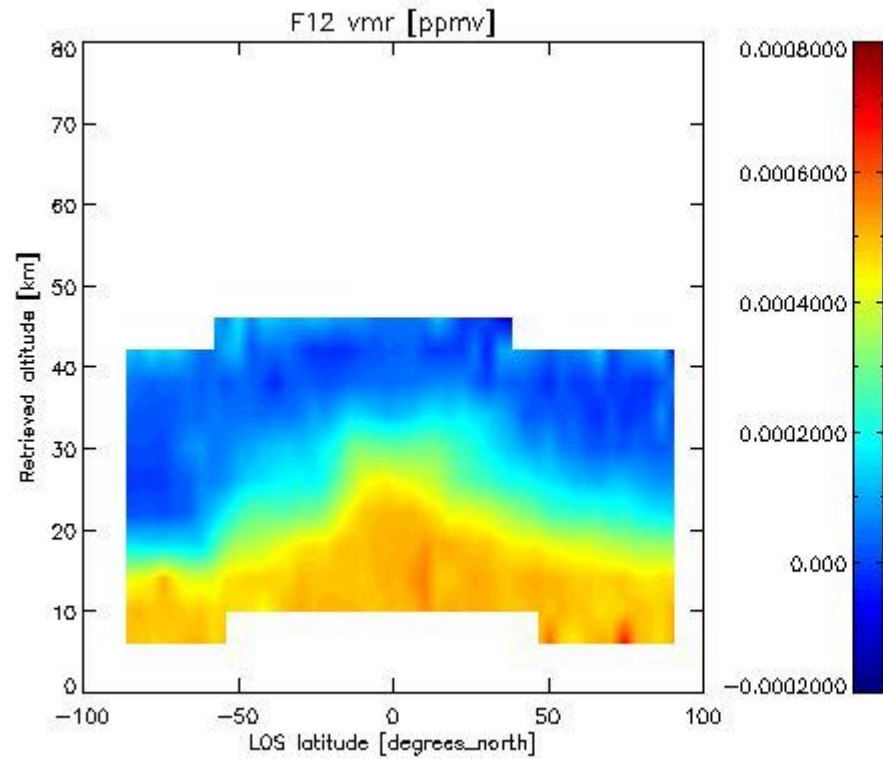
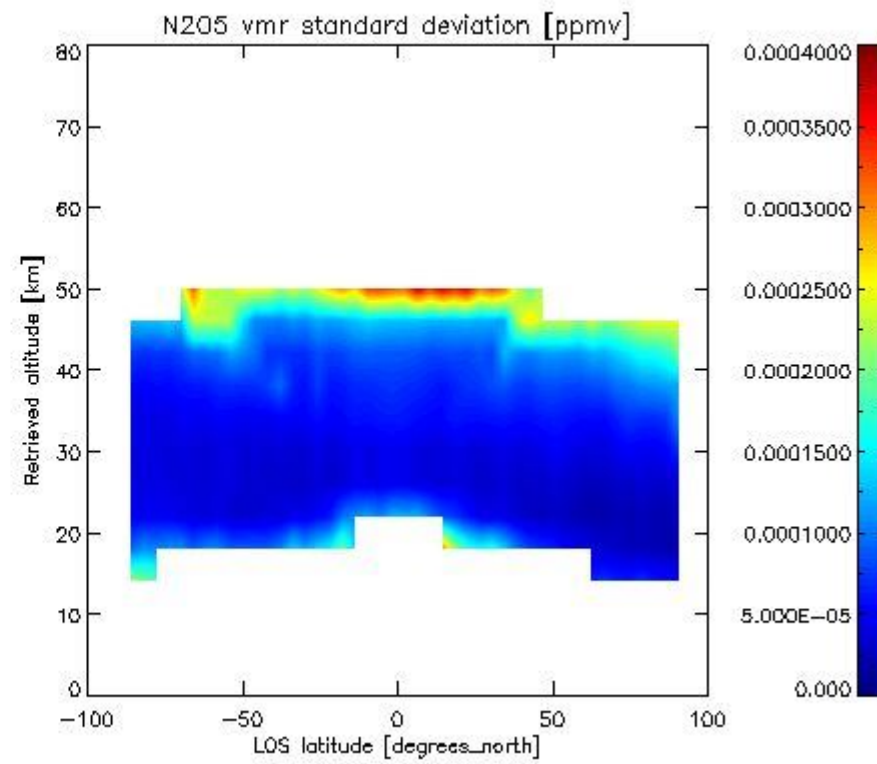
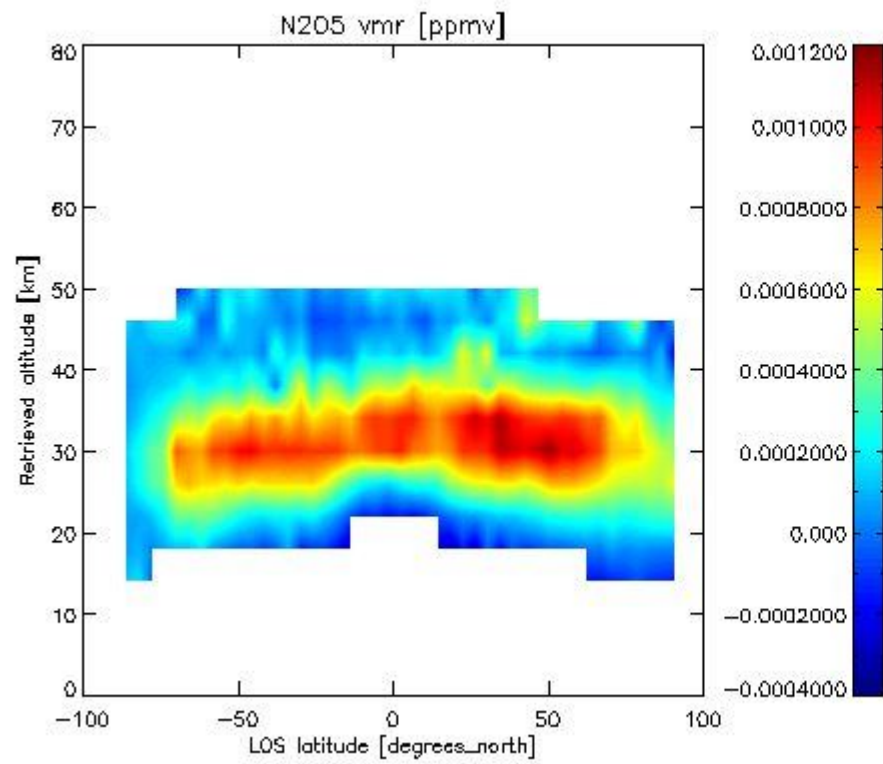


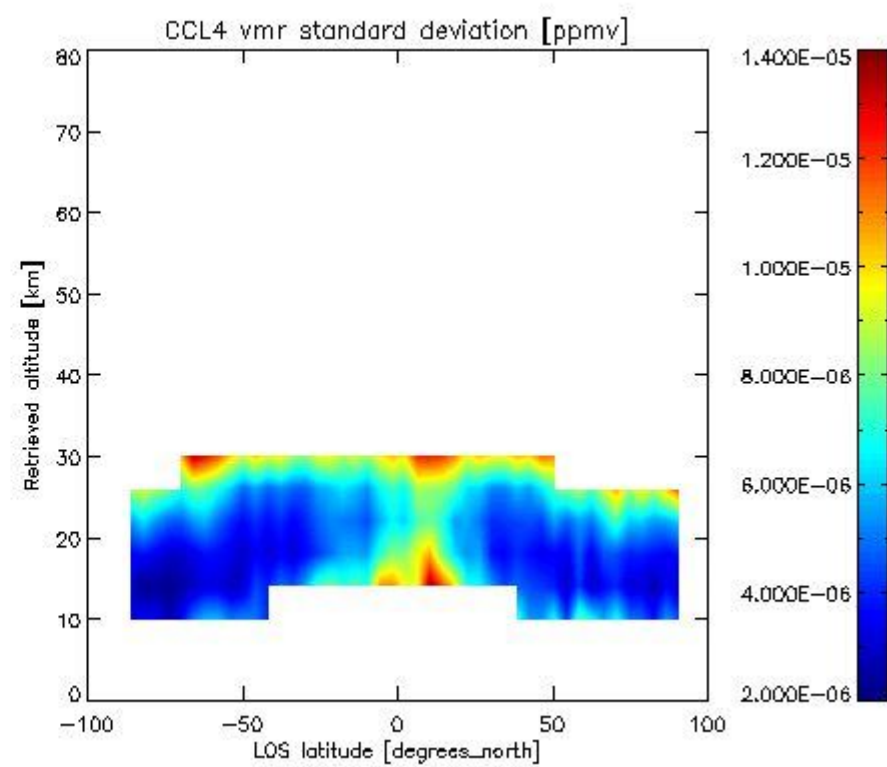
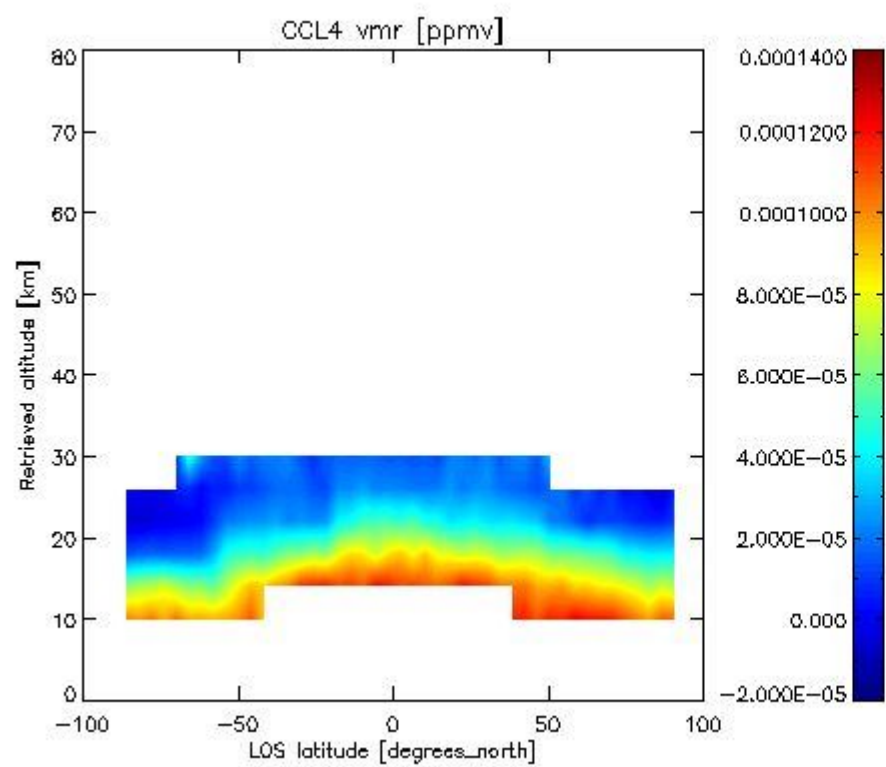
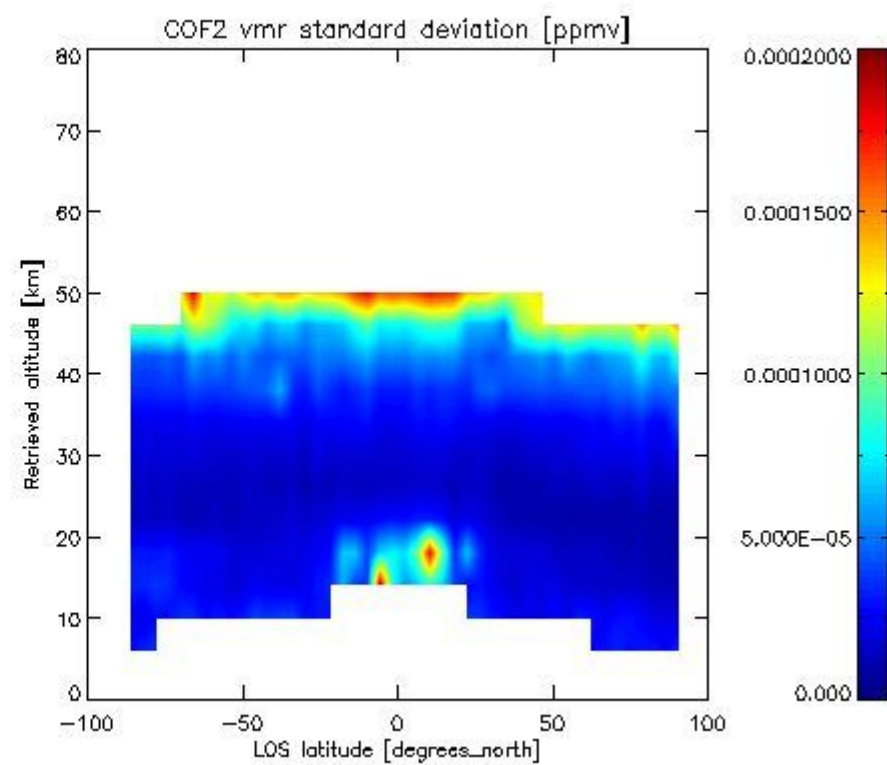
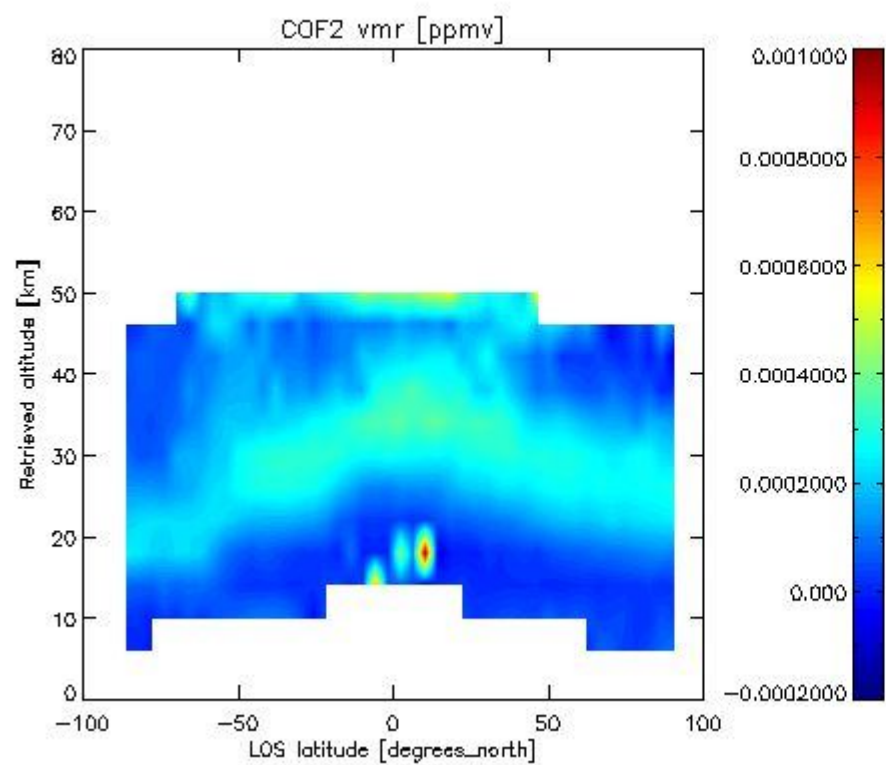
2.2.4.7 F11 overview This section shows values (left) and error (right) for F11 after binning individual sweep values over retrieved altitude and tangent latitude.

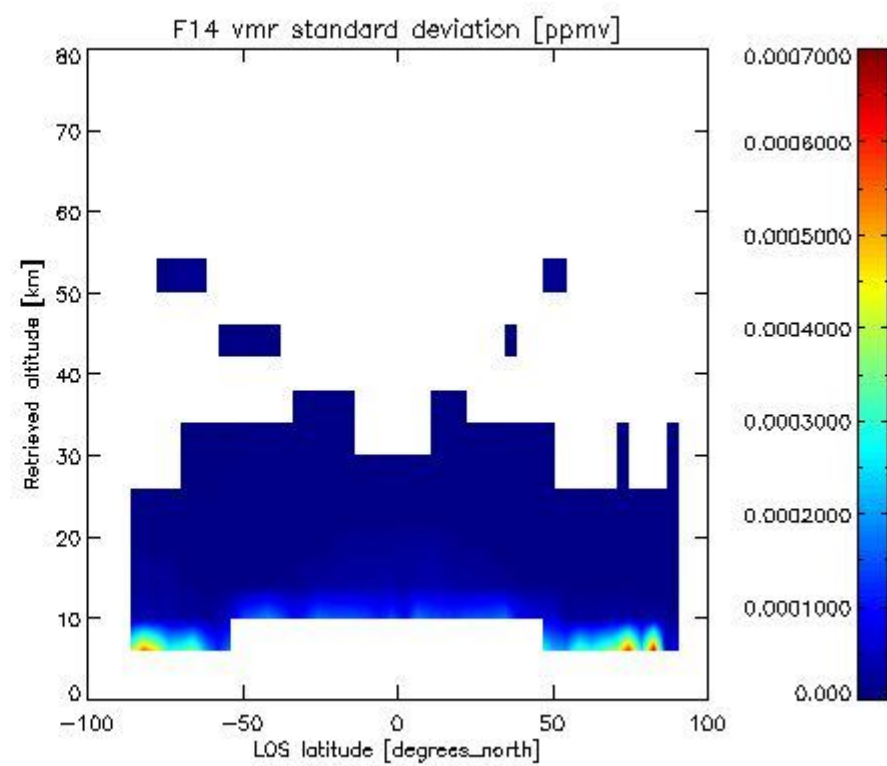
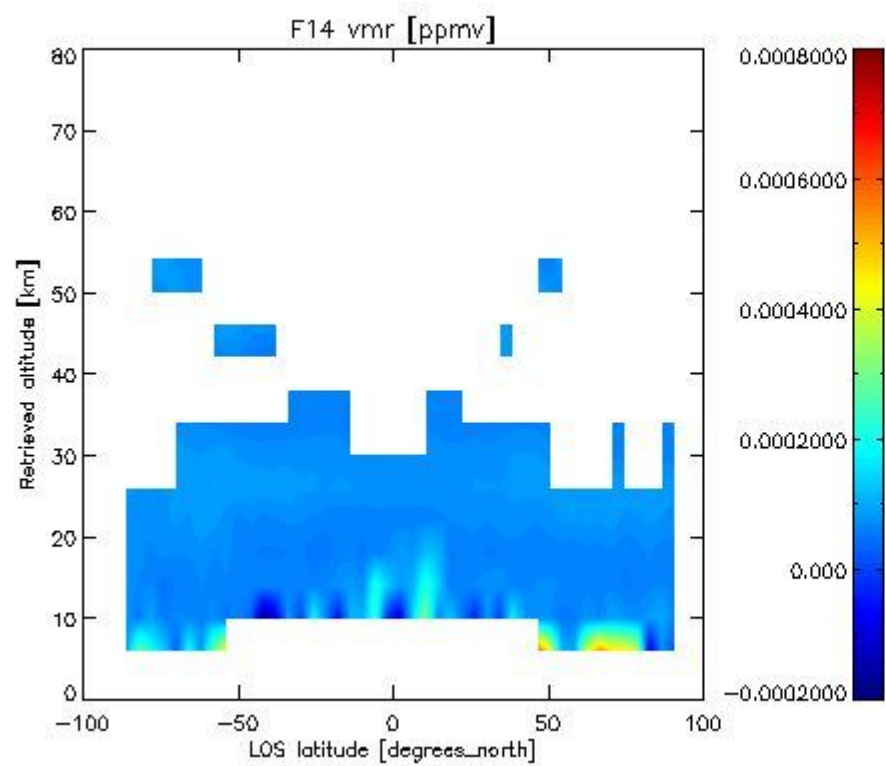
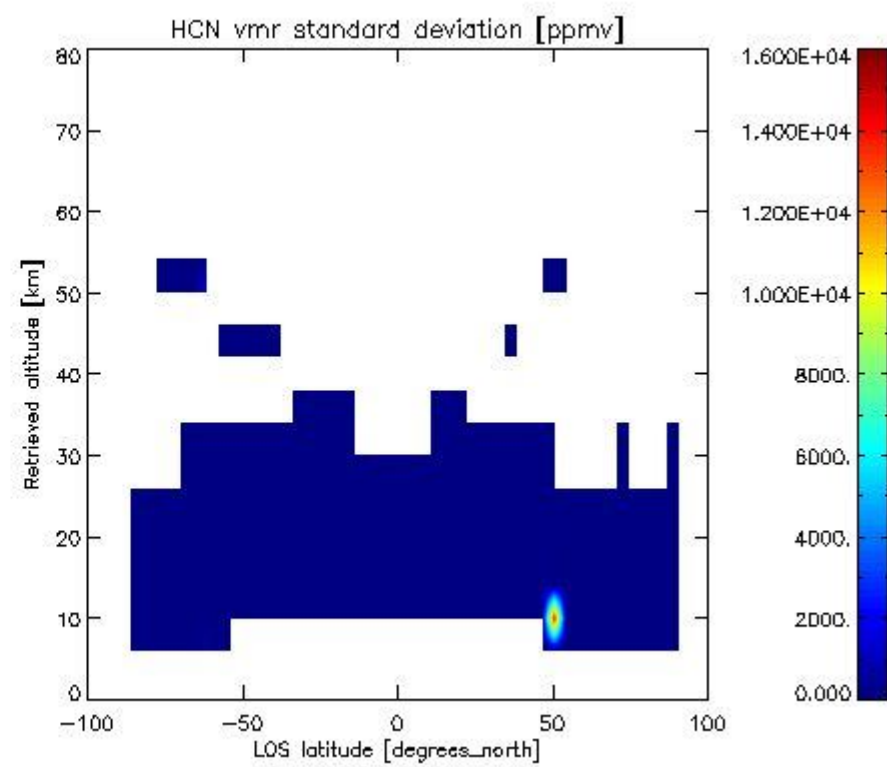
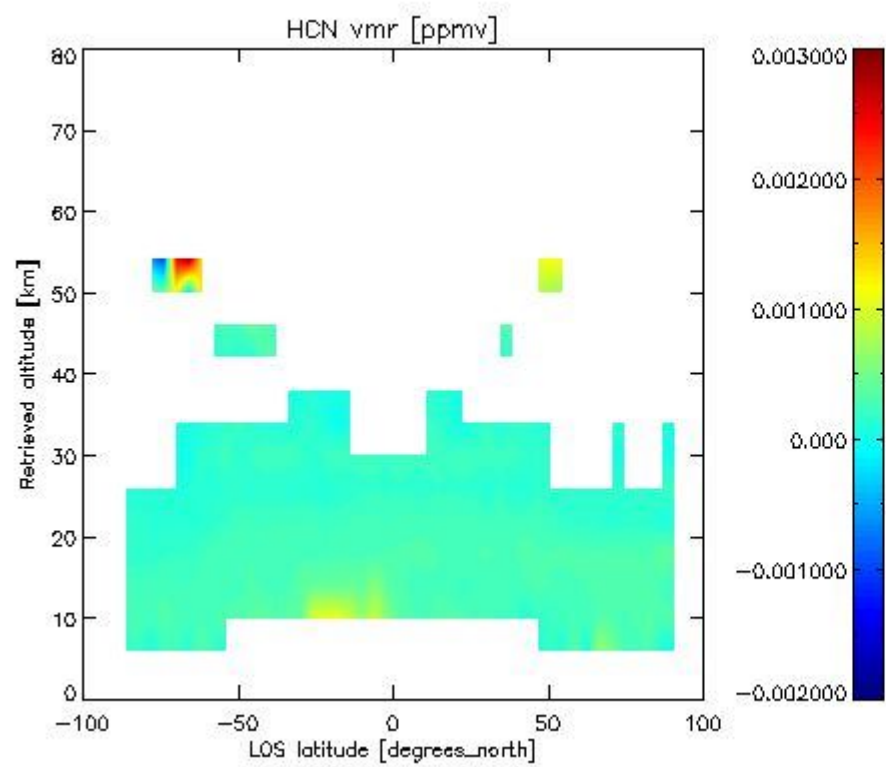


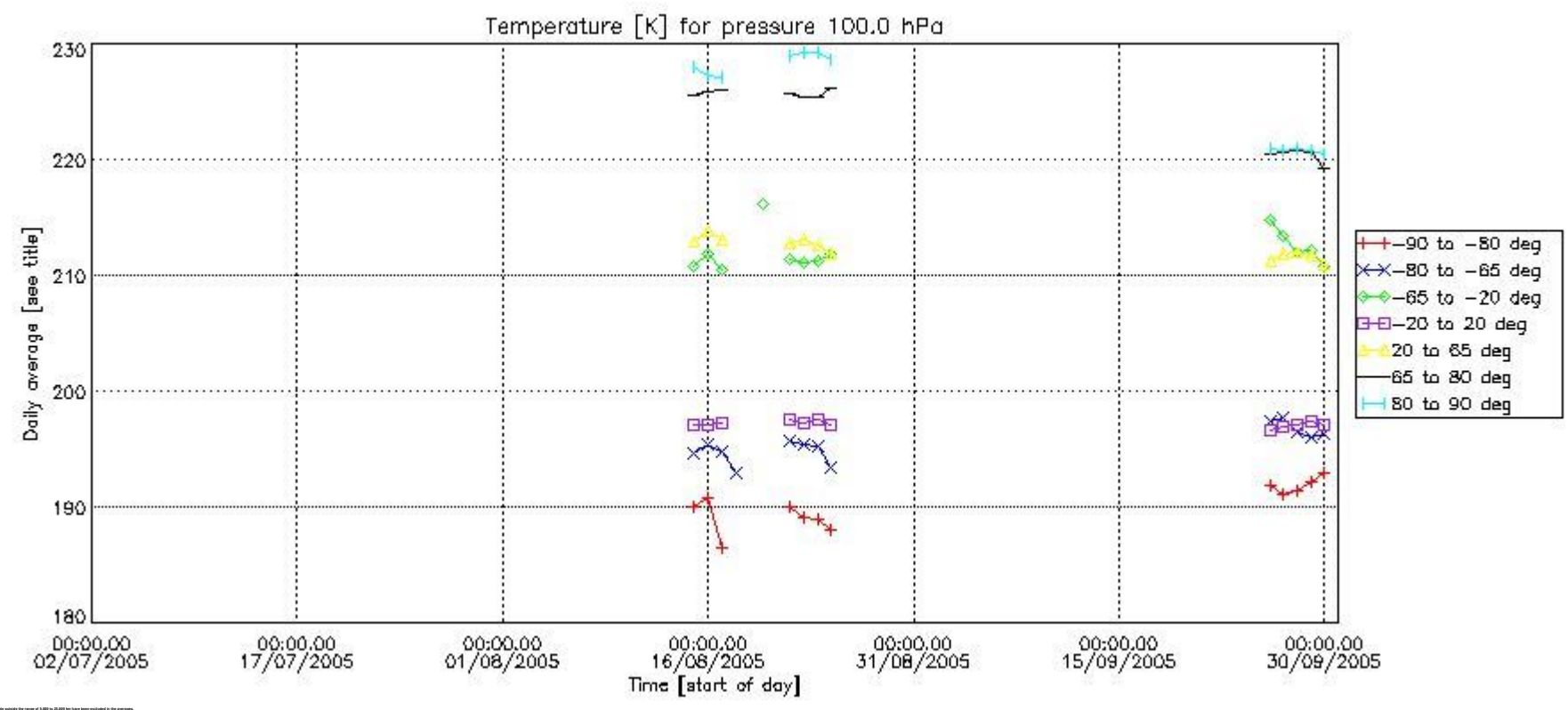
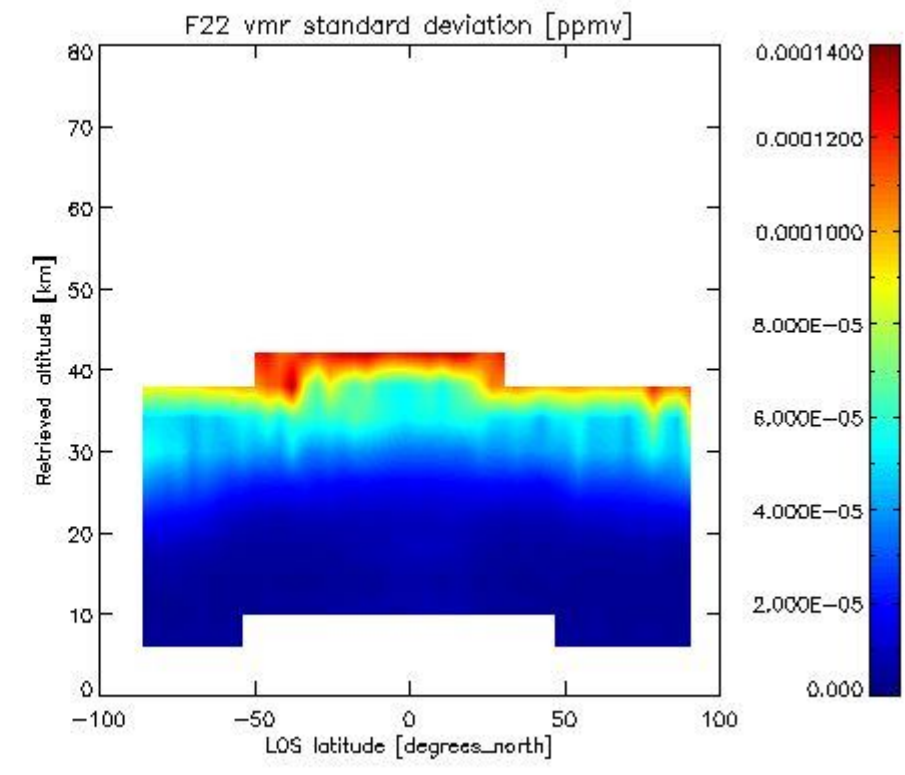
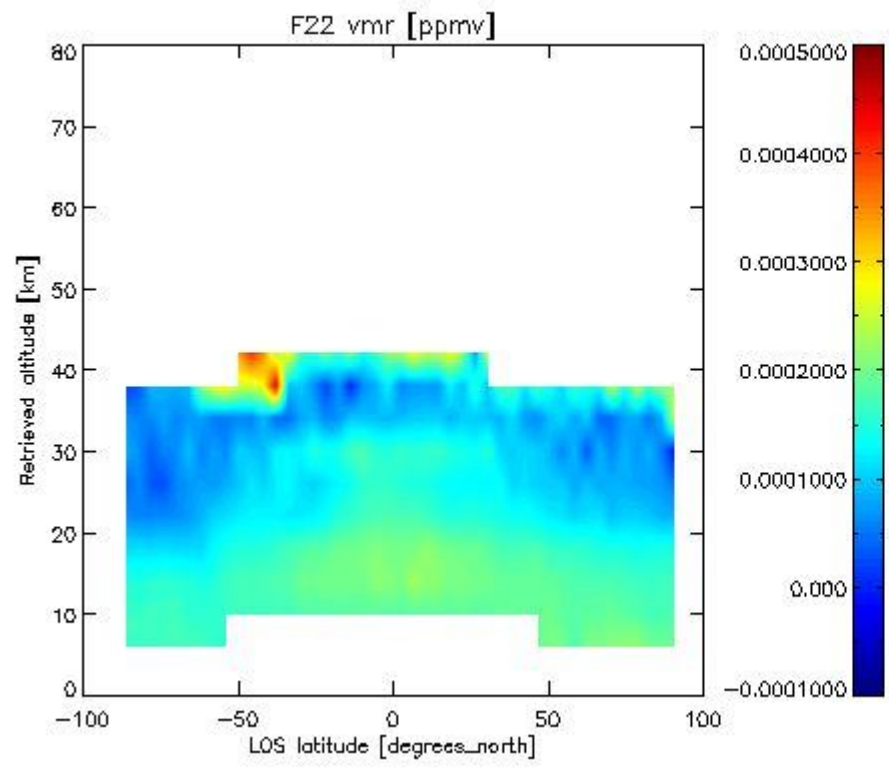
2.3.4.4 CLNO vmr: This section shows values (left) and error (right) for CLNO after binning individual vmr values over retrieved altitude and target latitude.

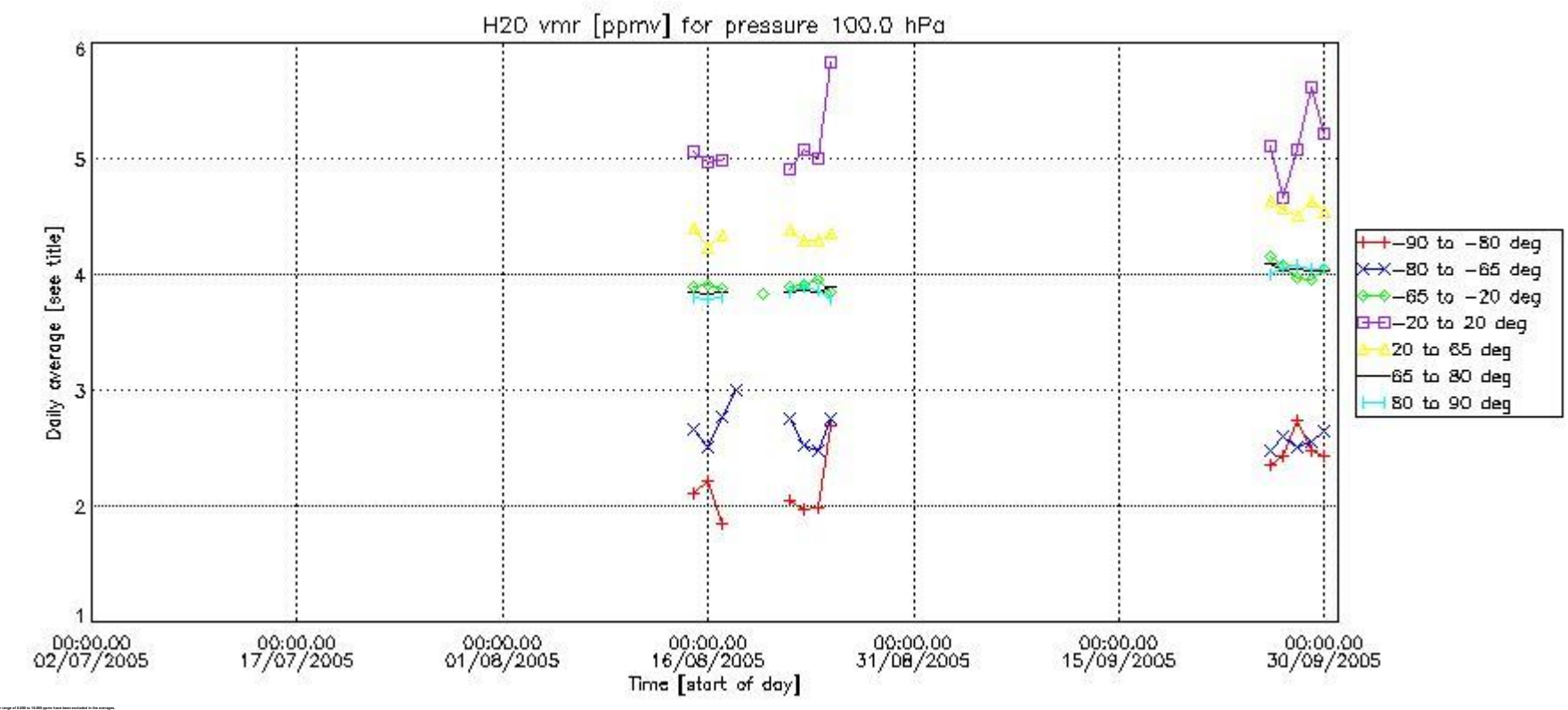
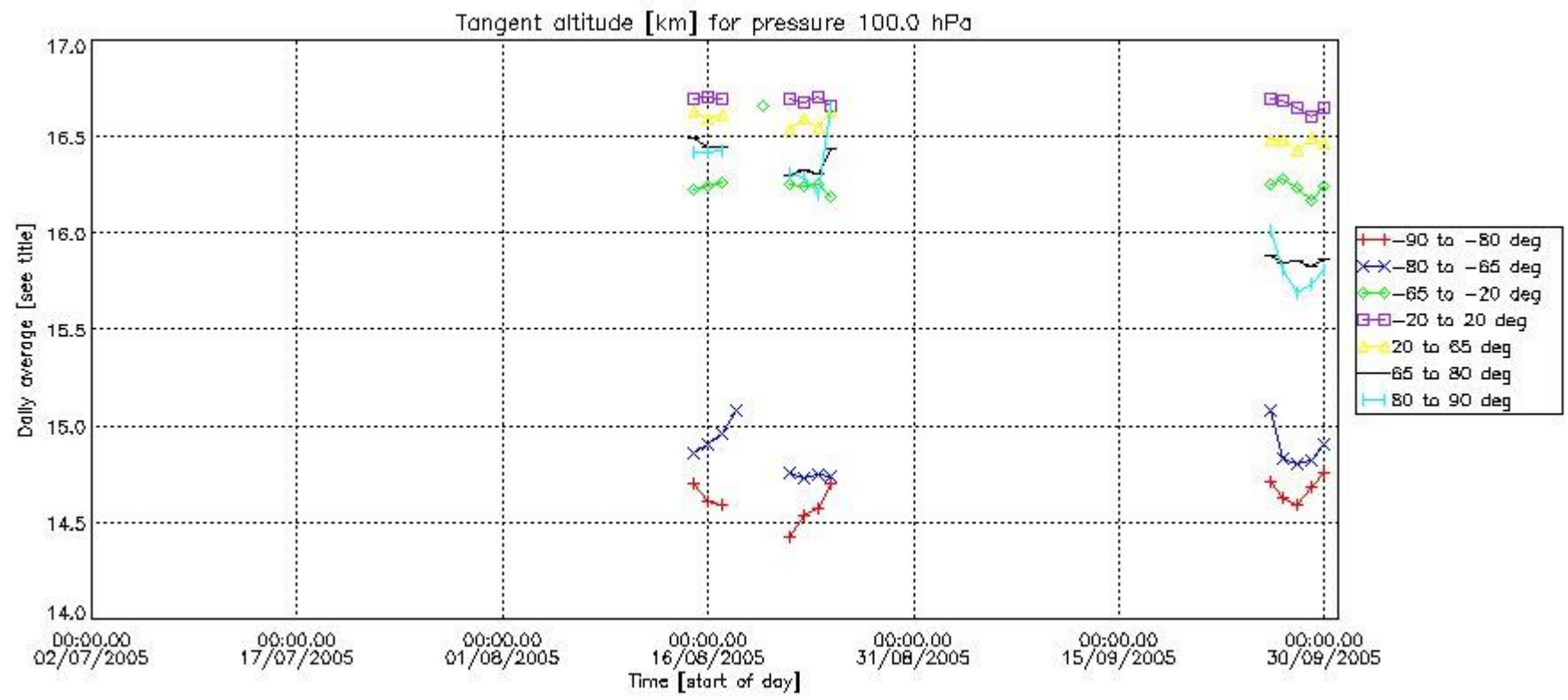


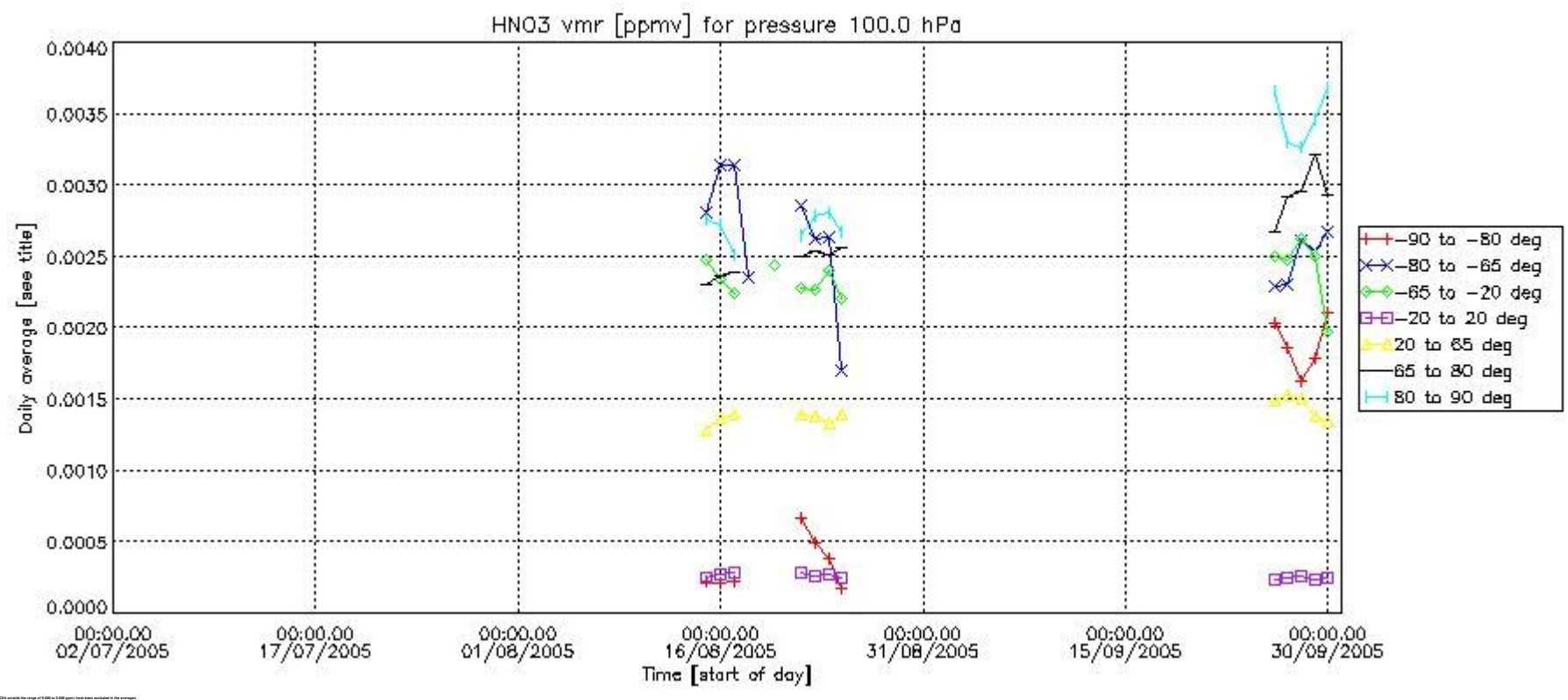
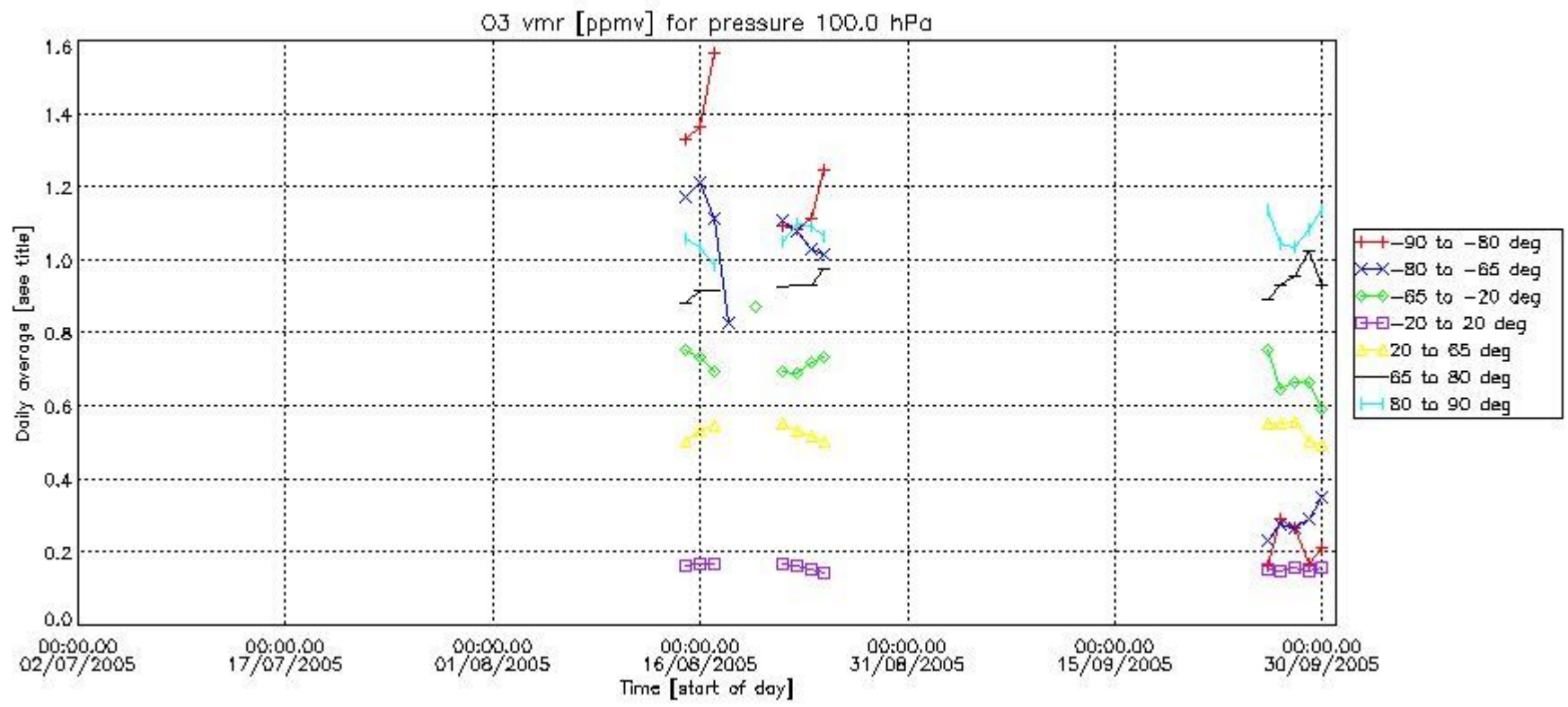


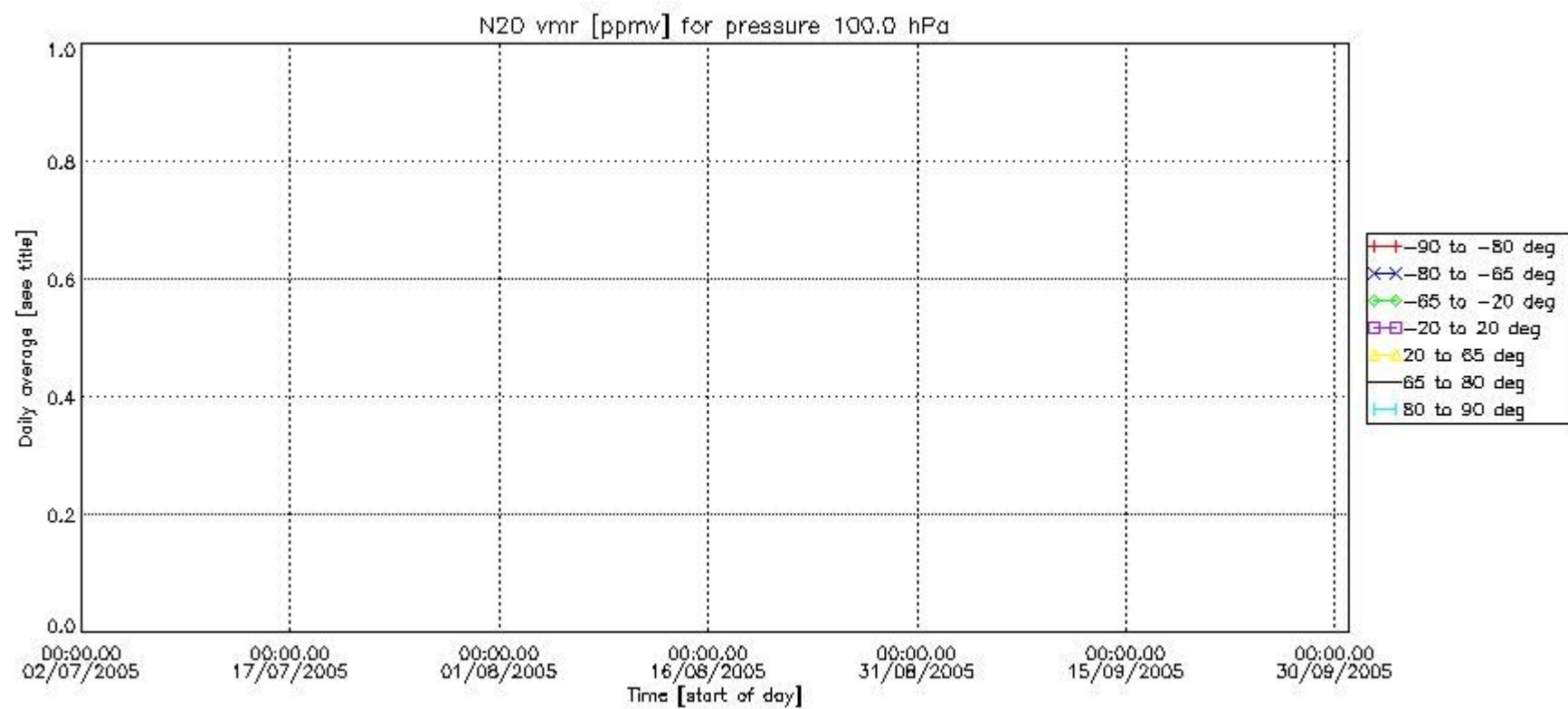
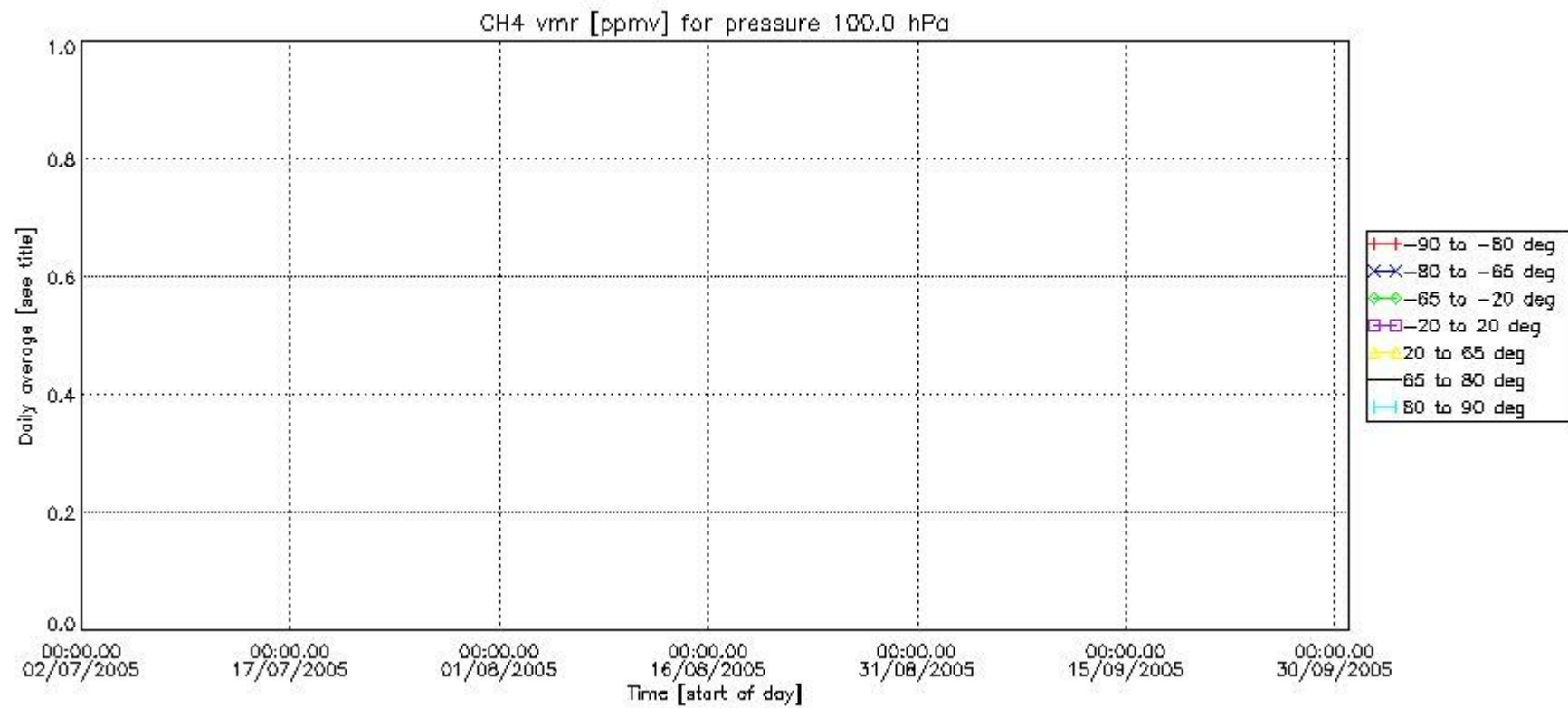


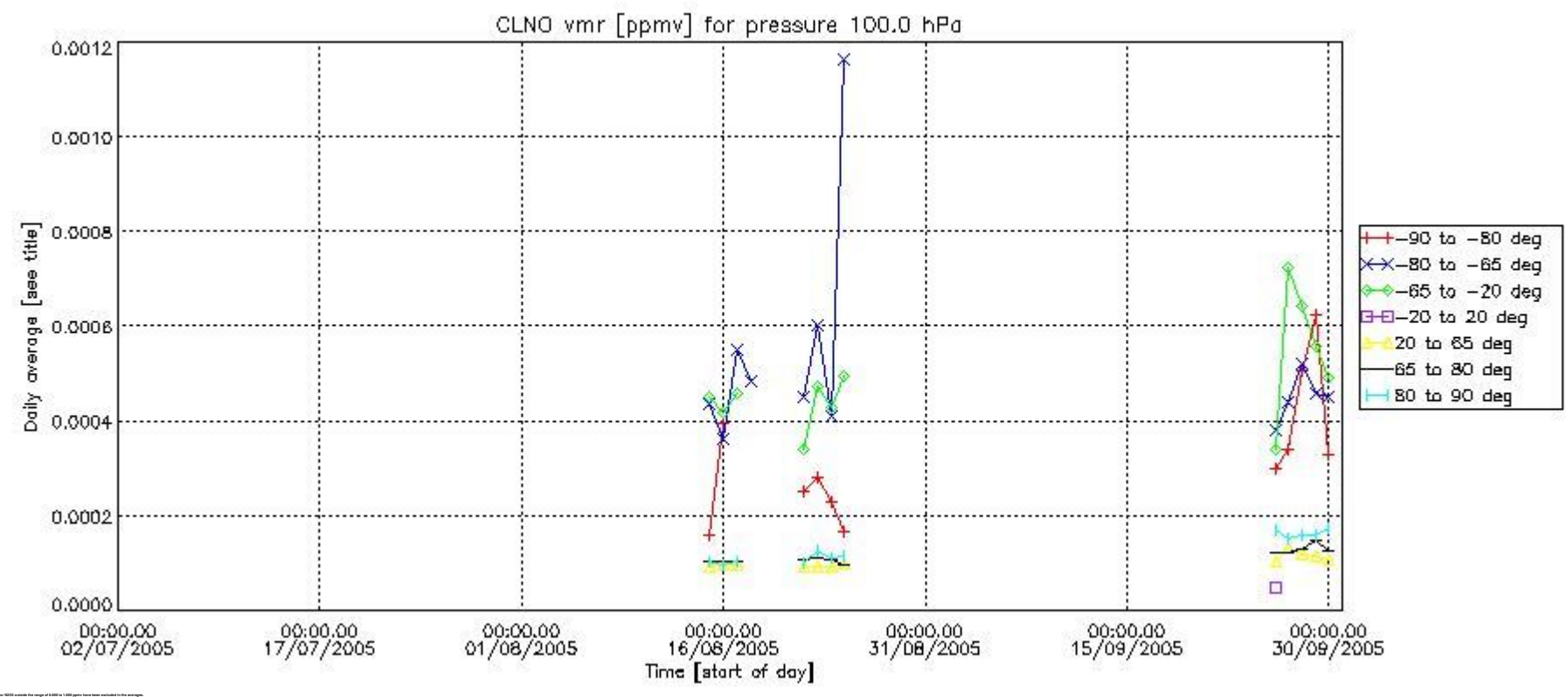
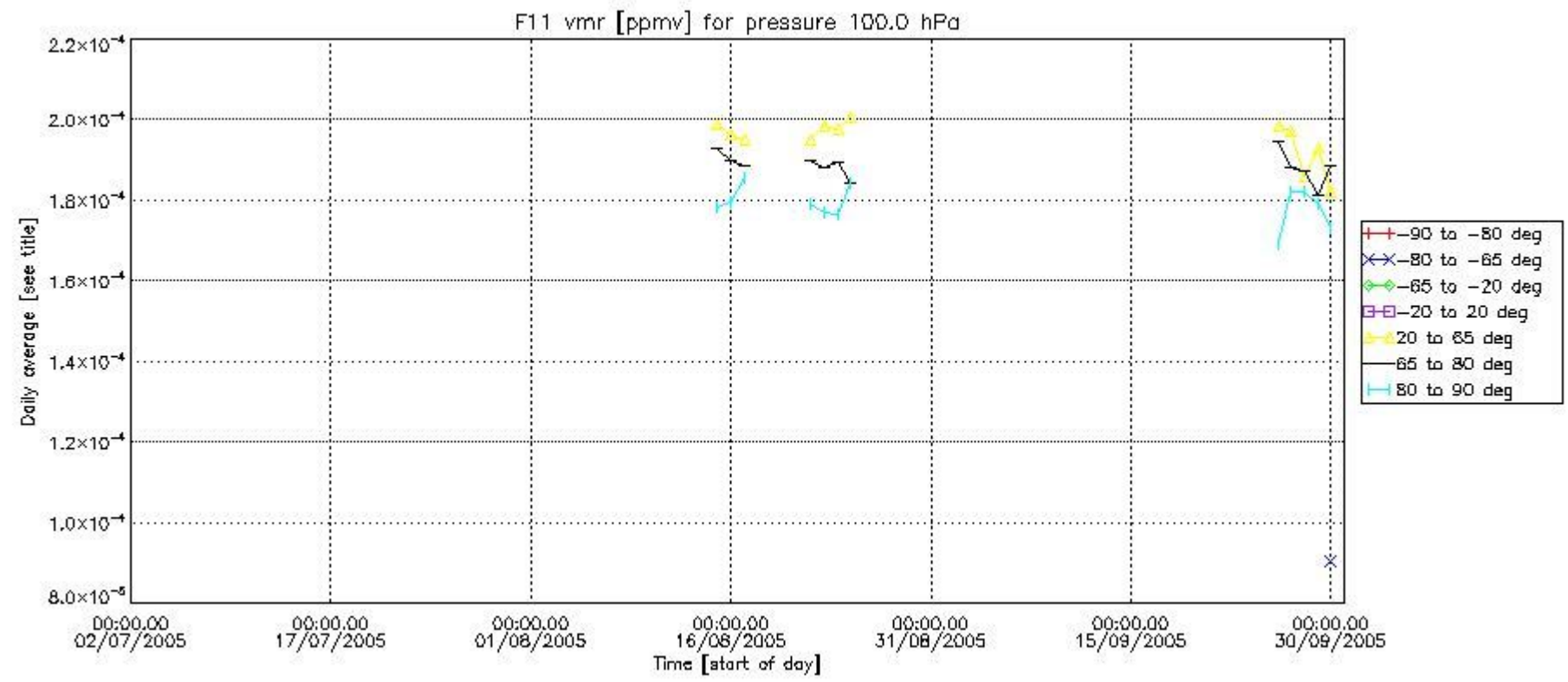


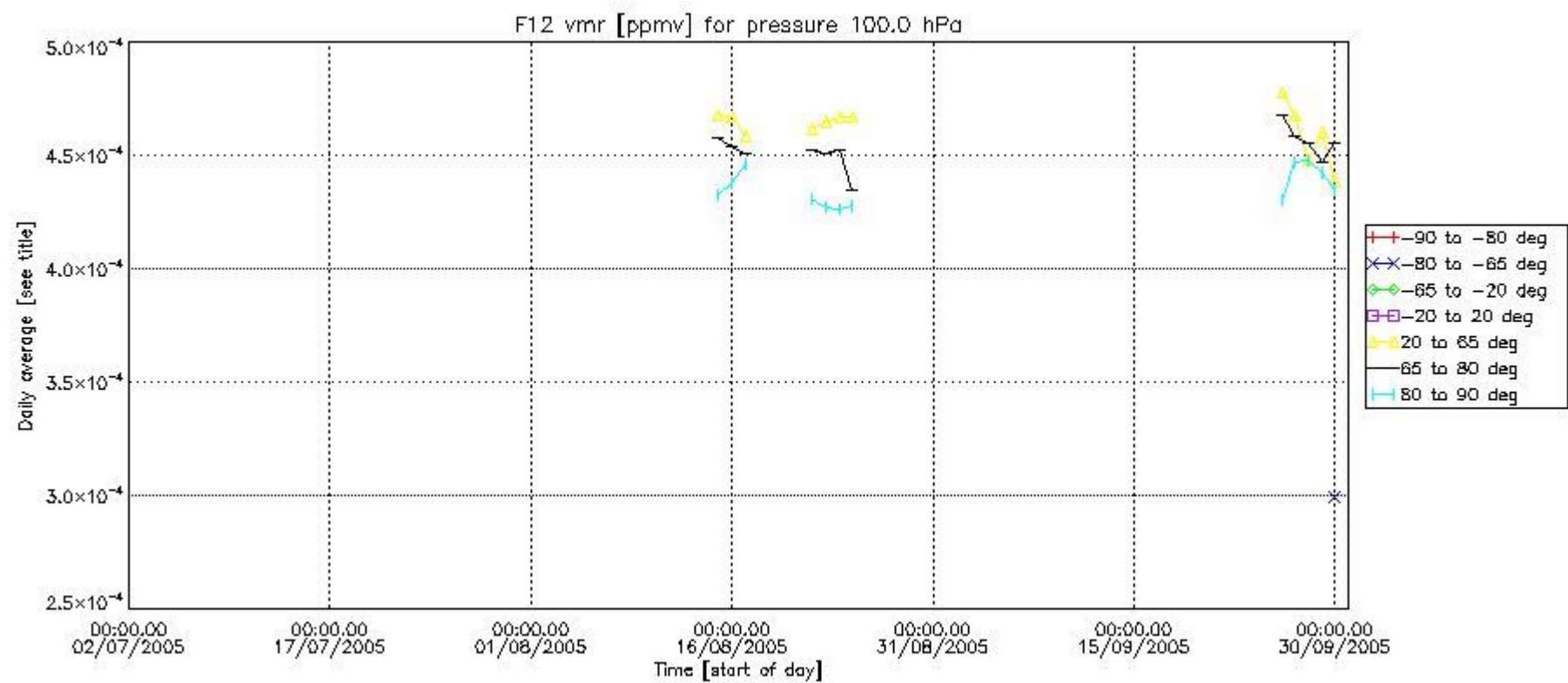
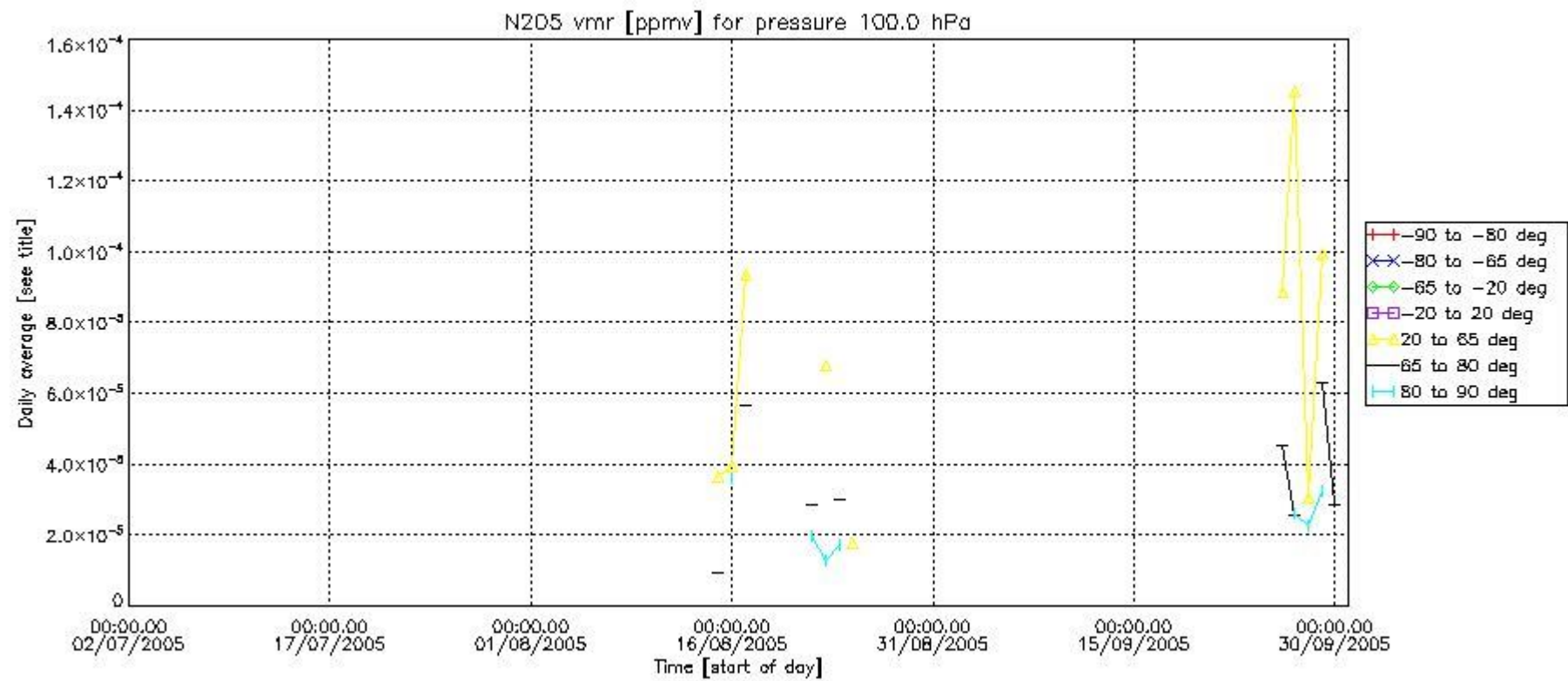


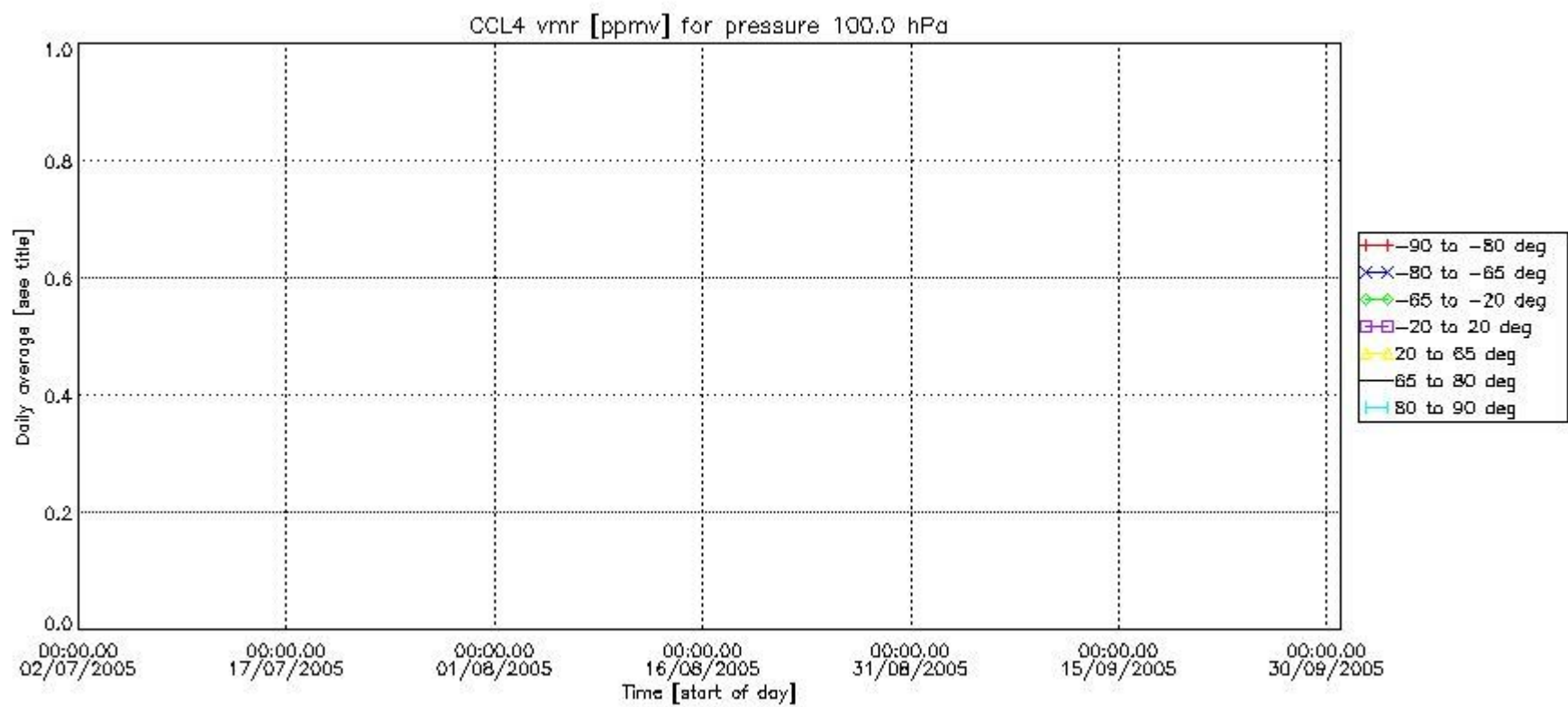
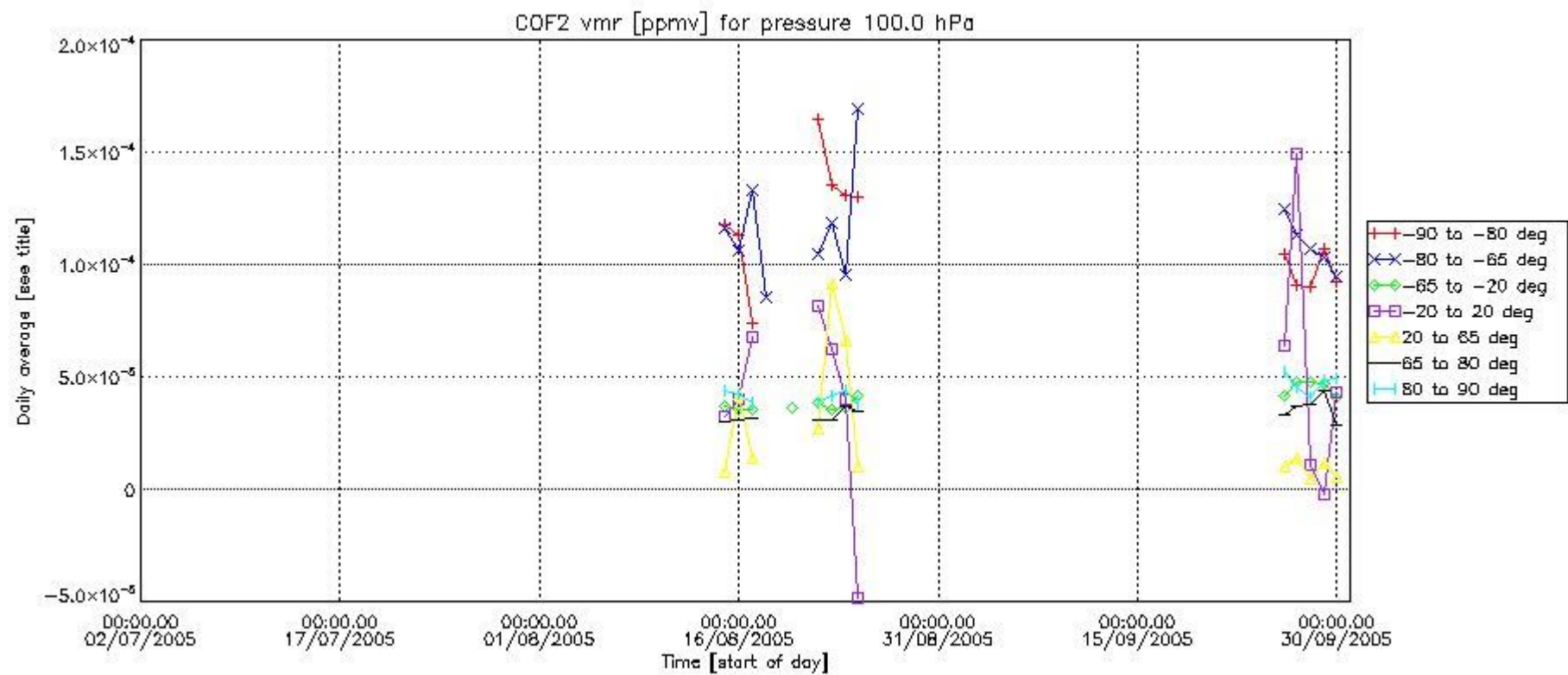


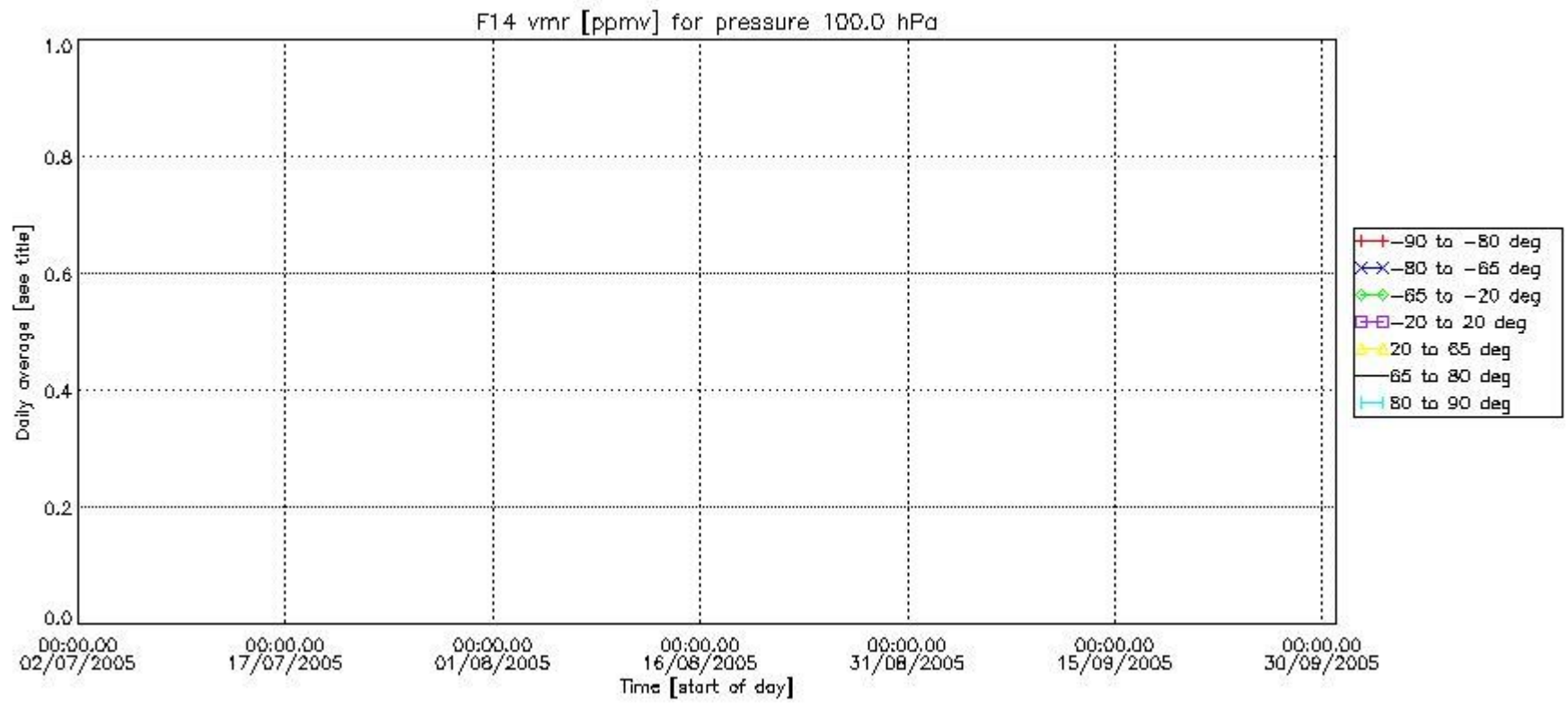
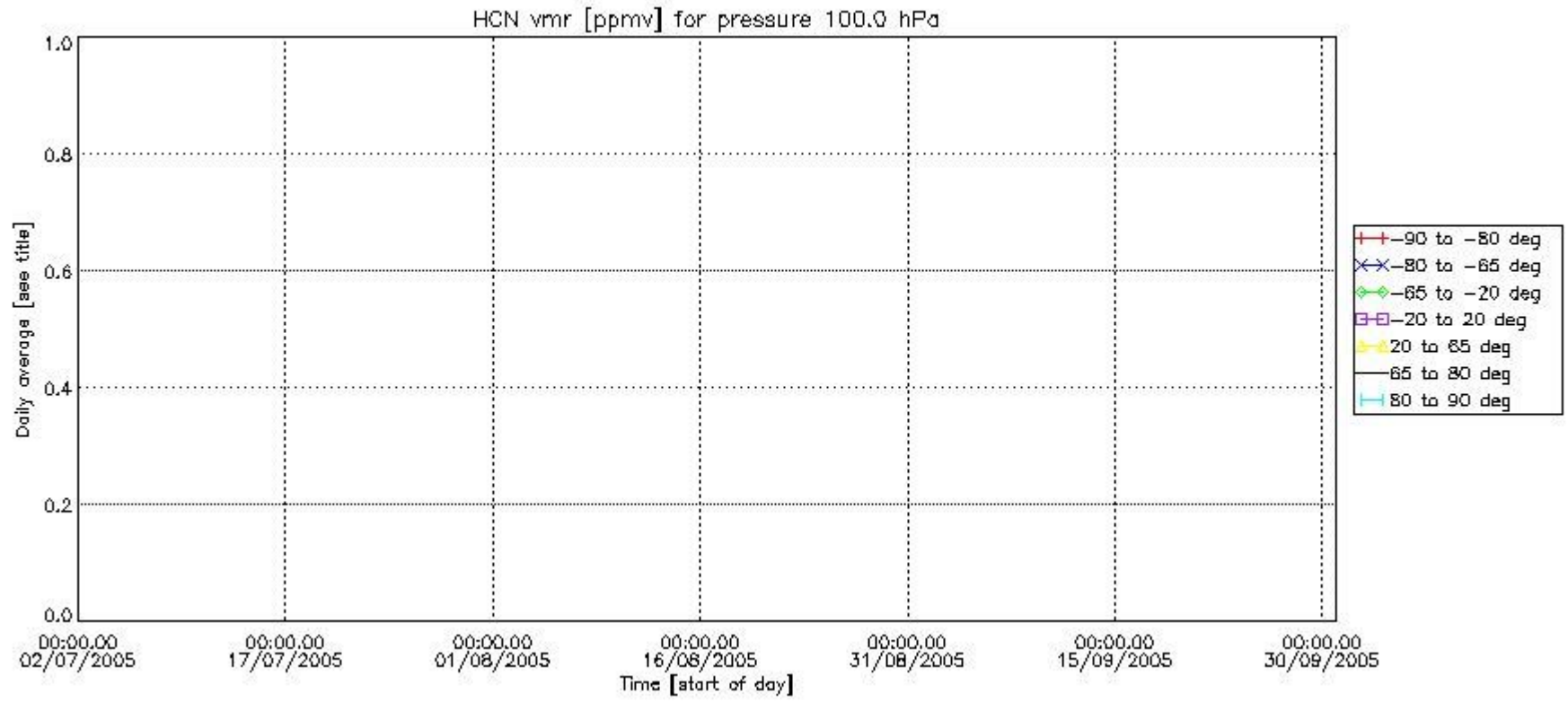


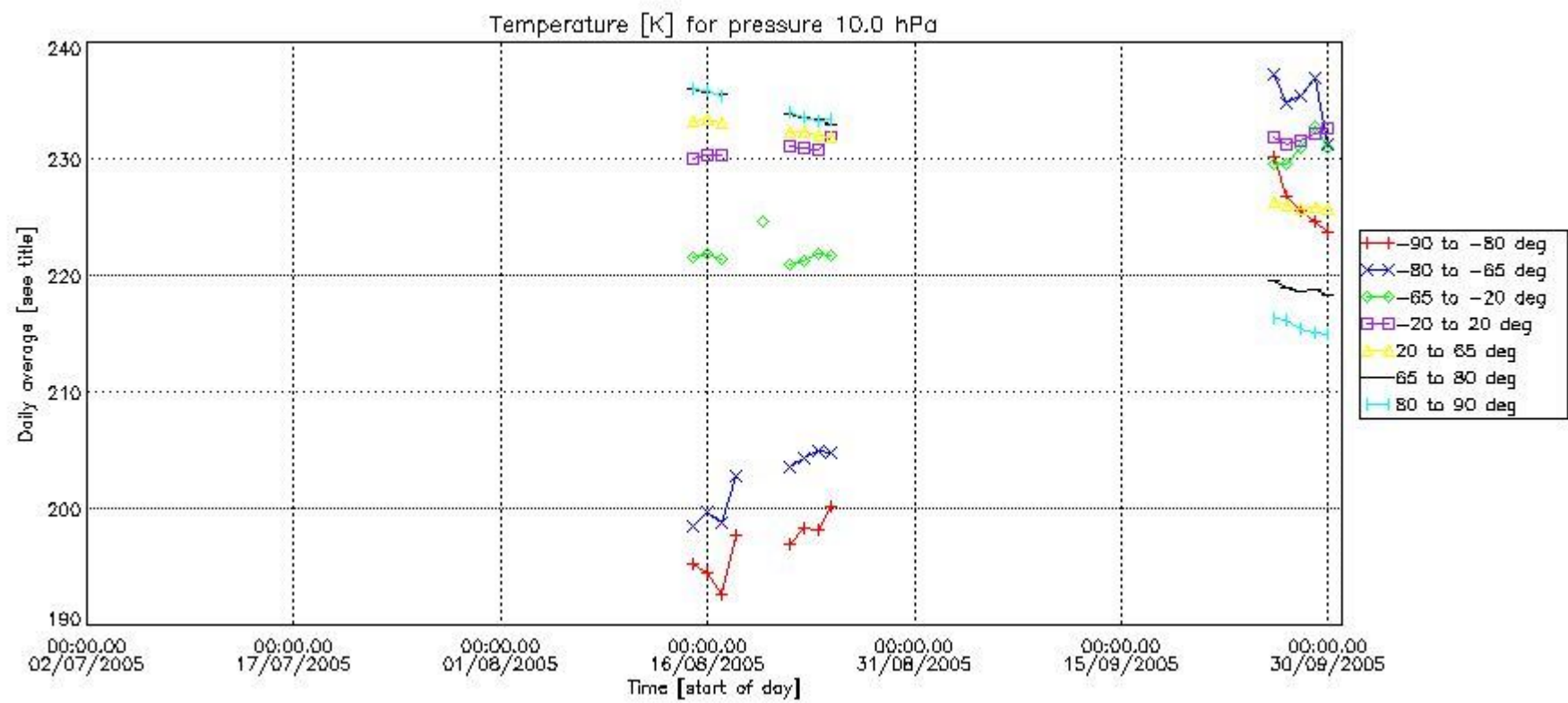
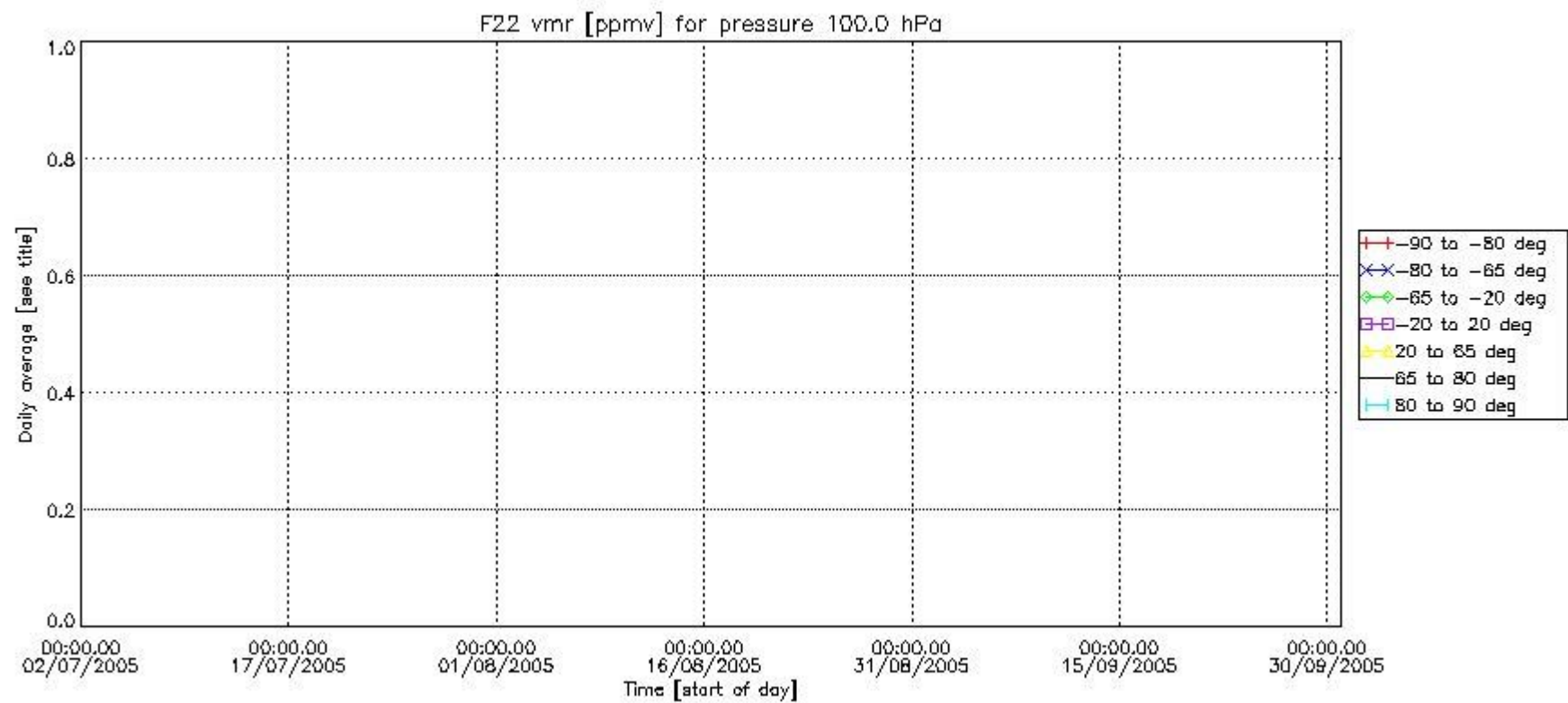


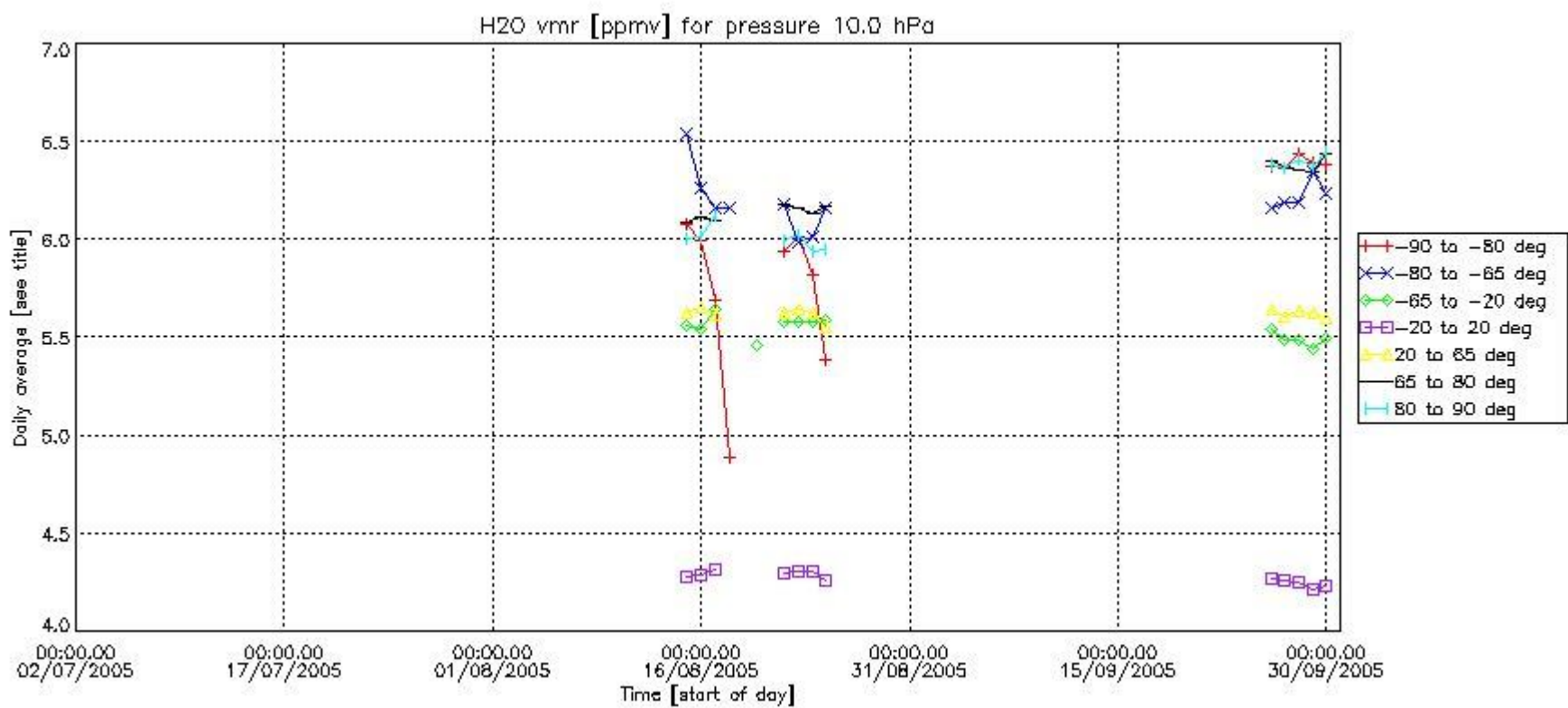
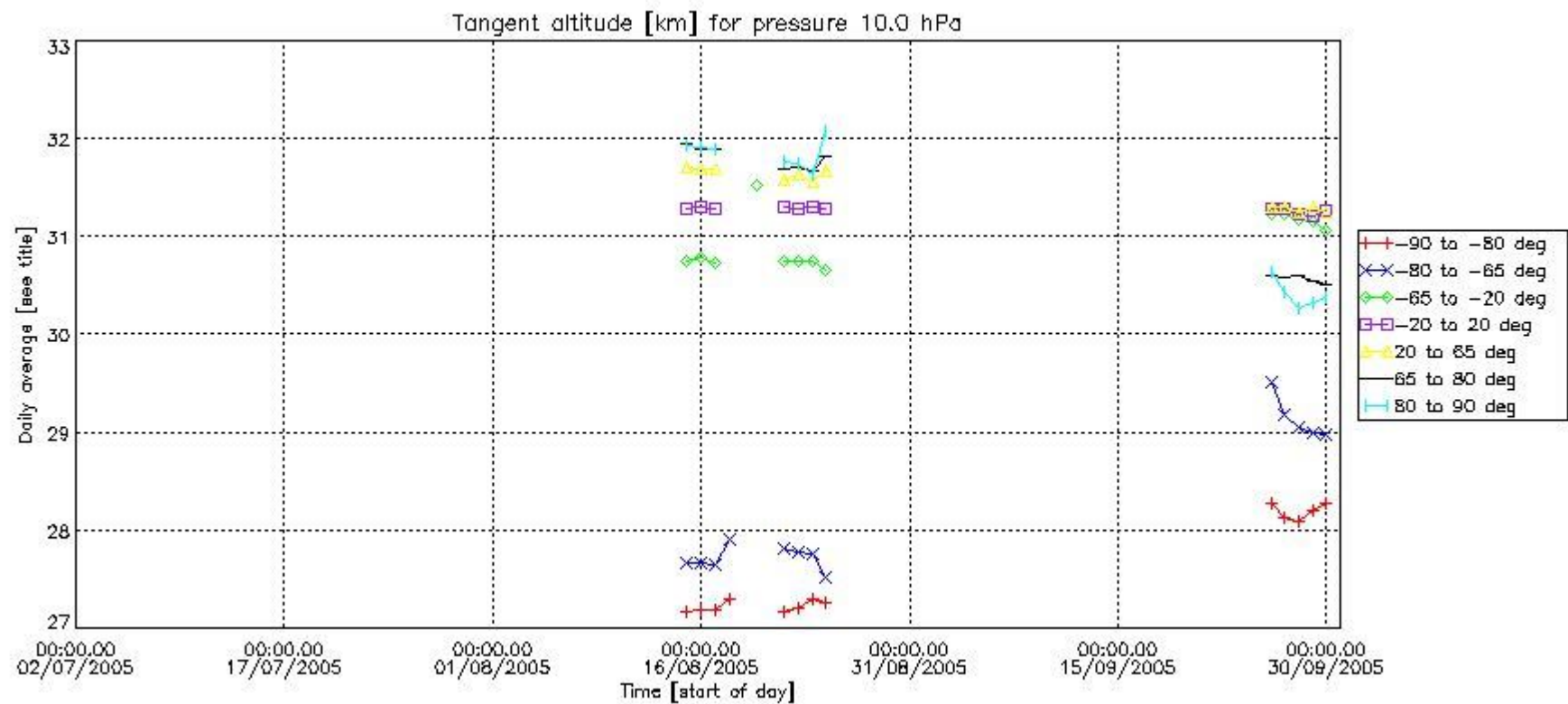


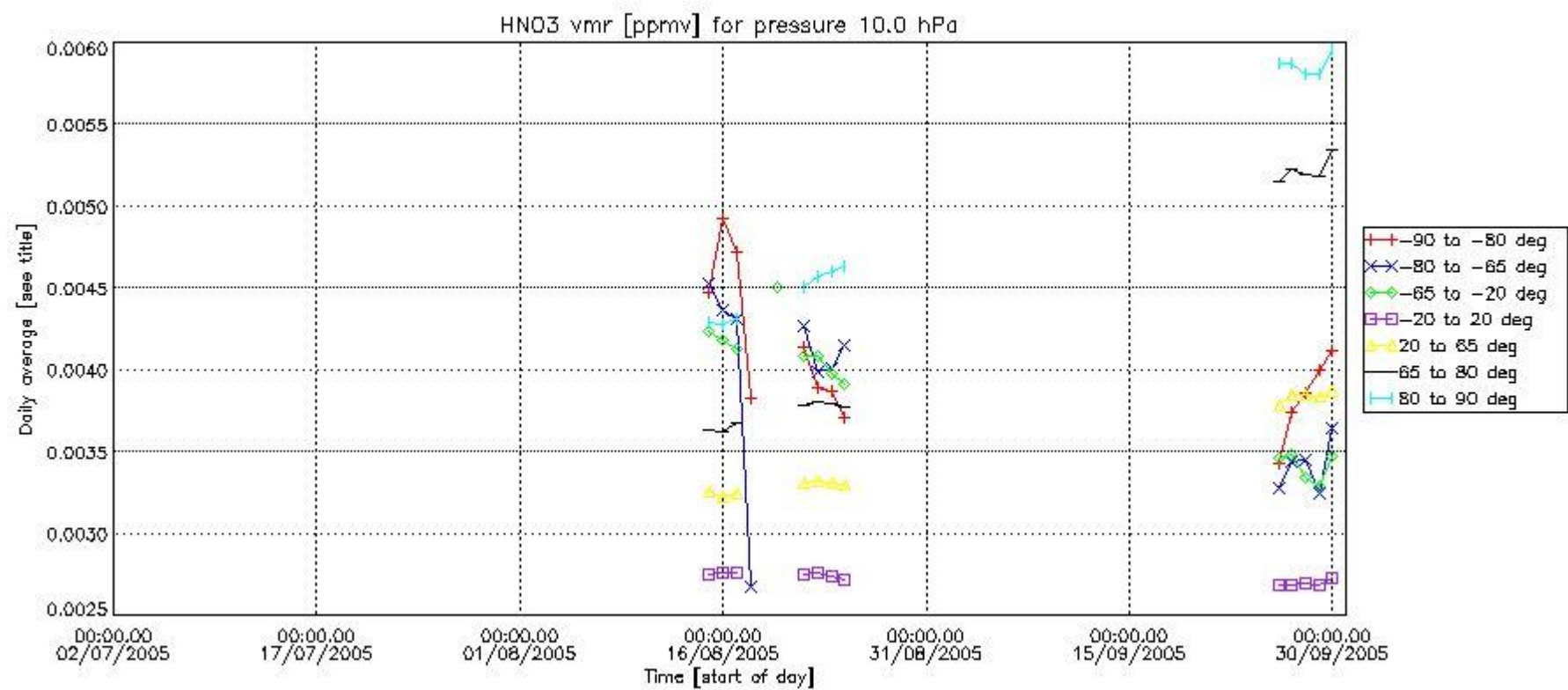
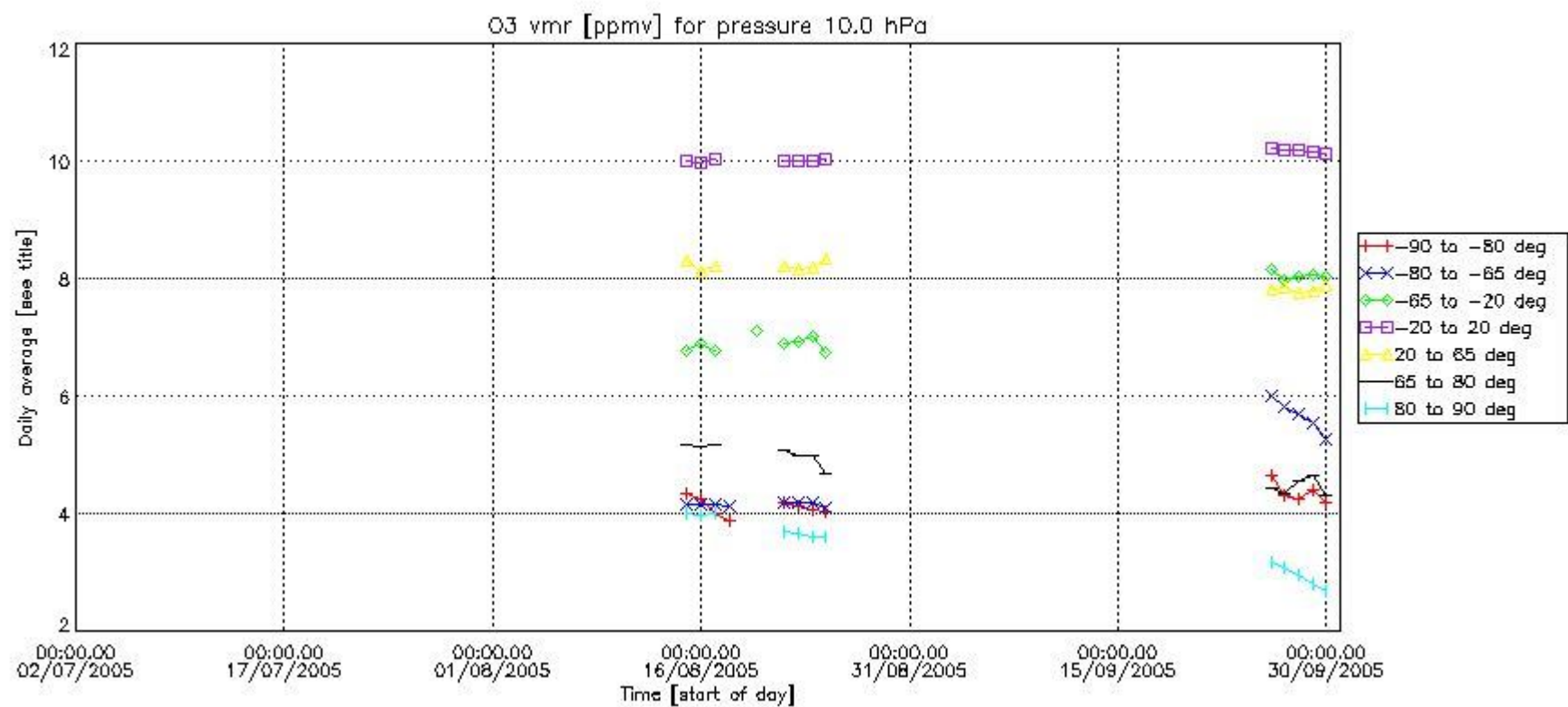


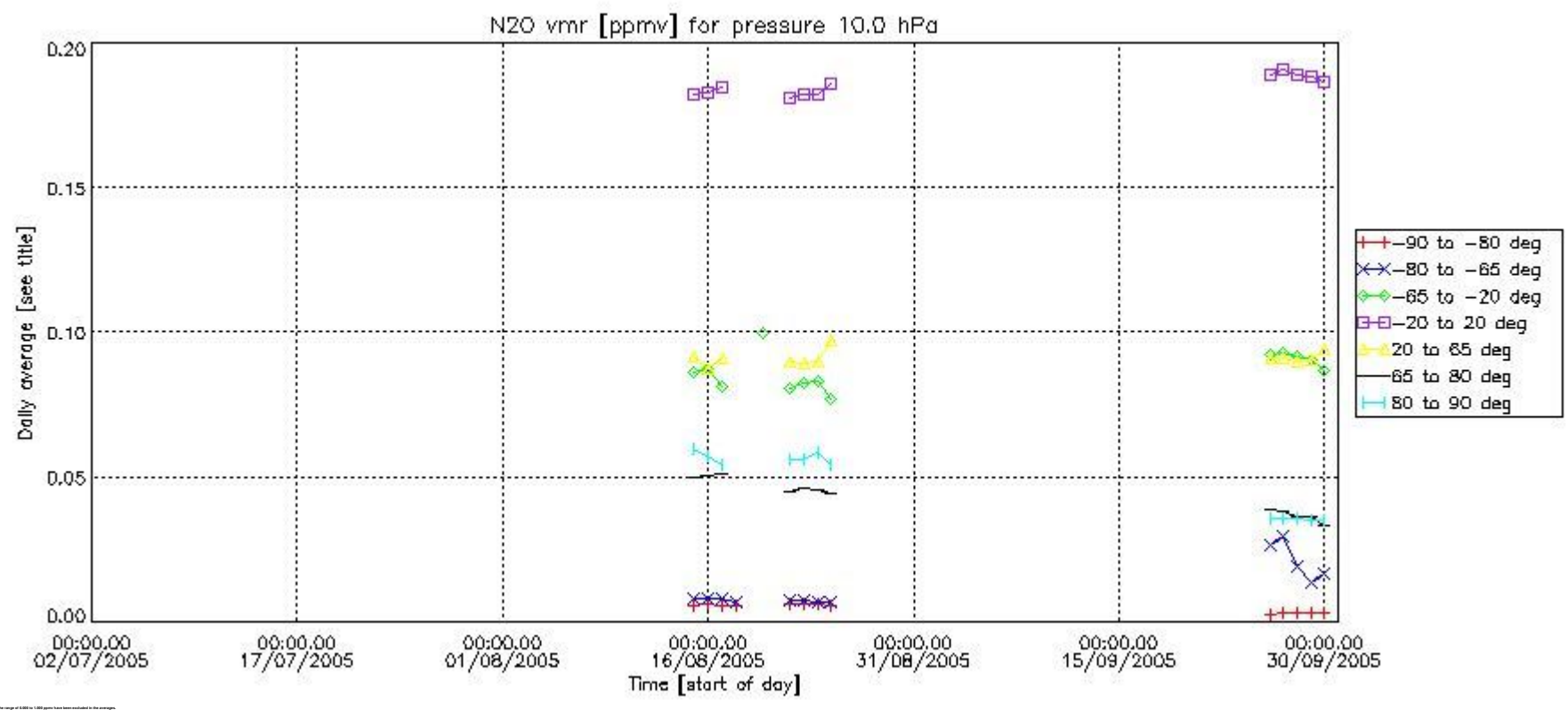
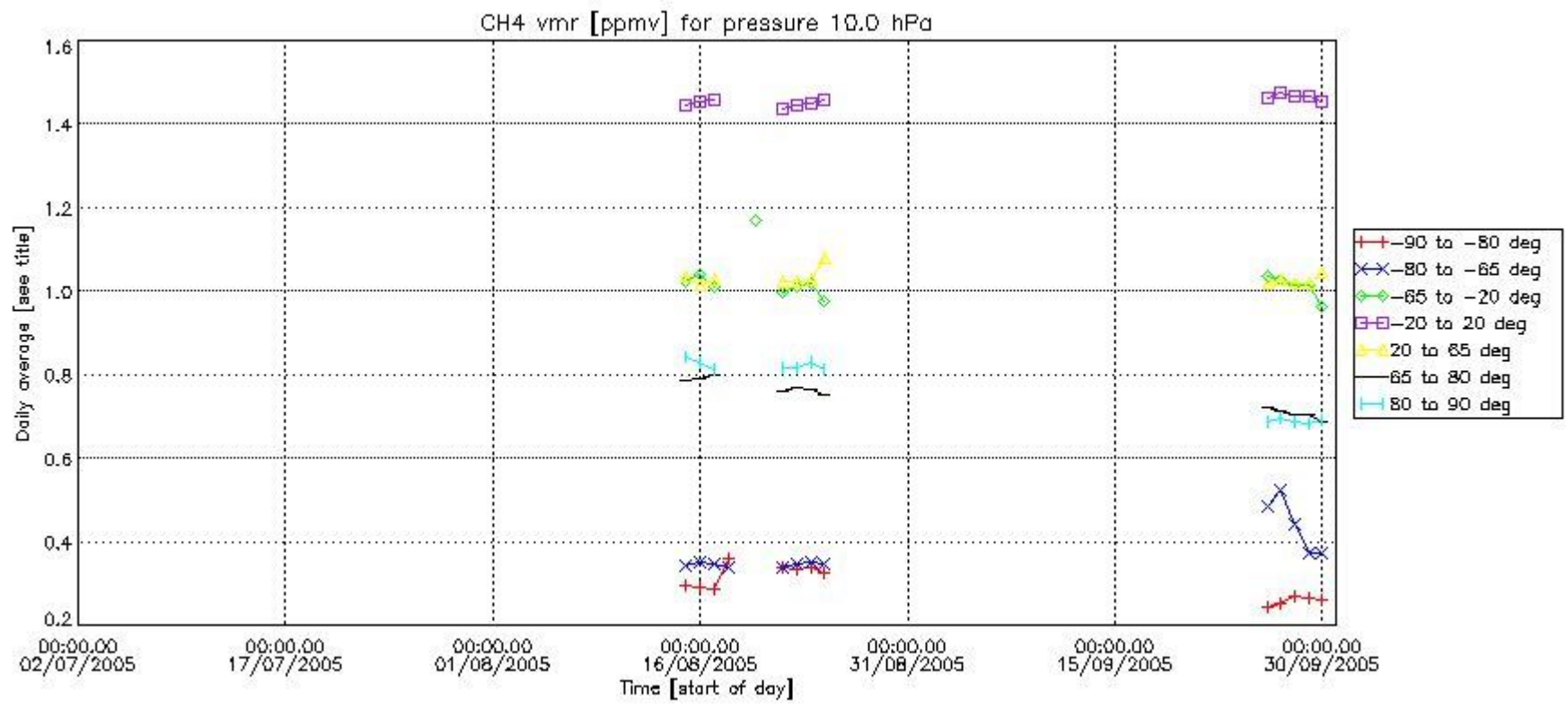


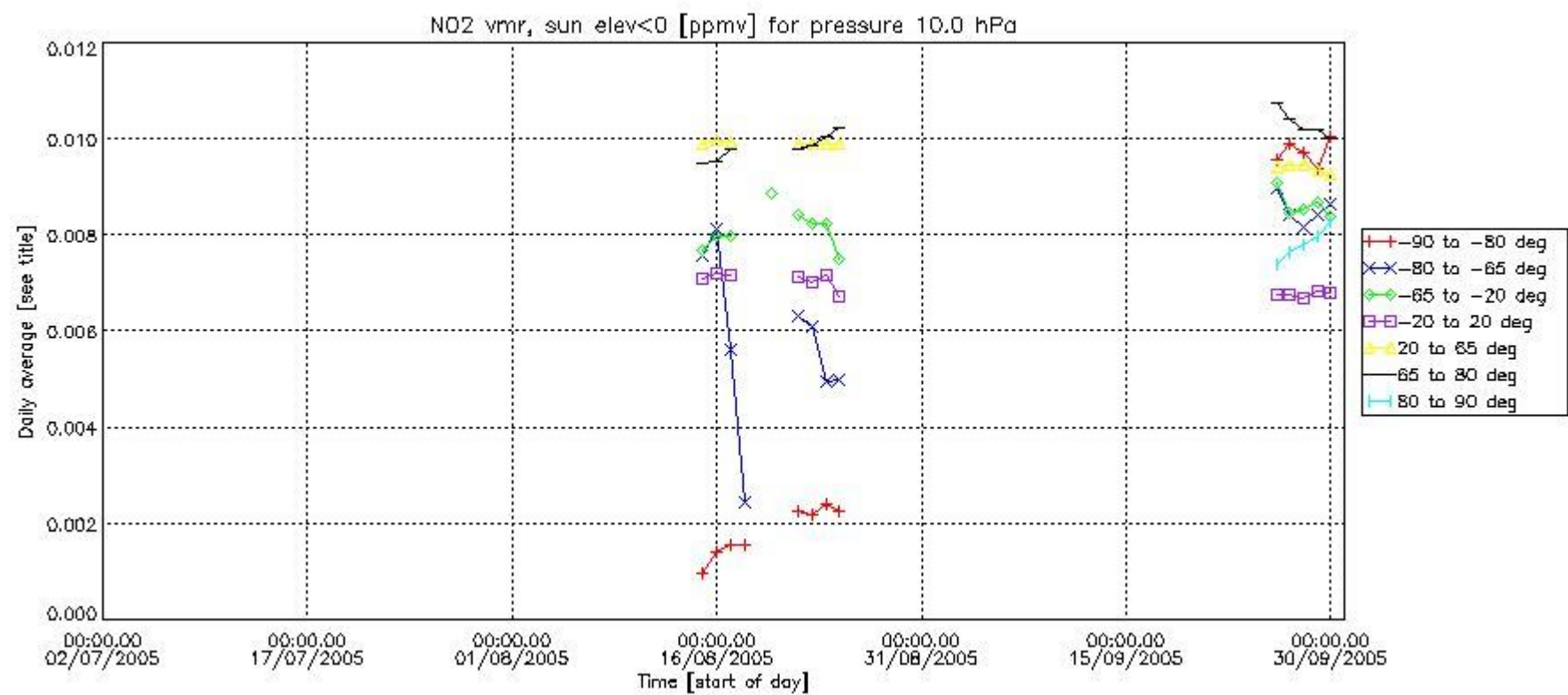
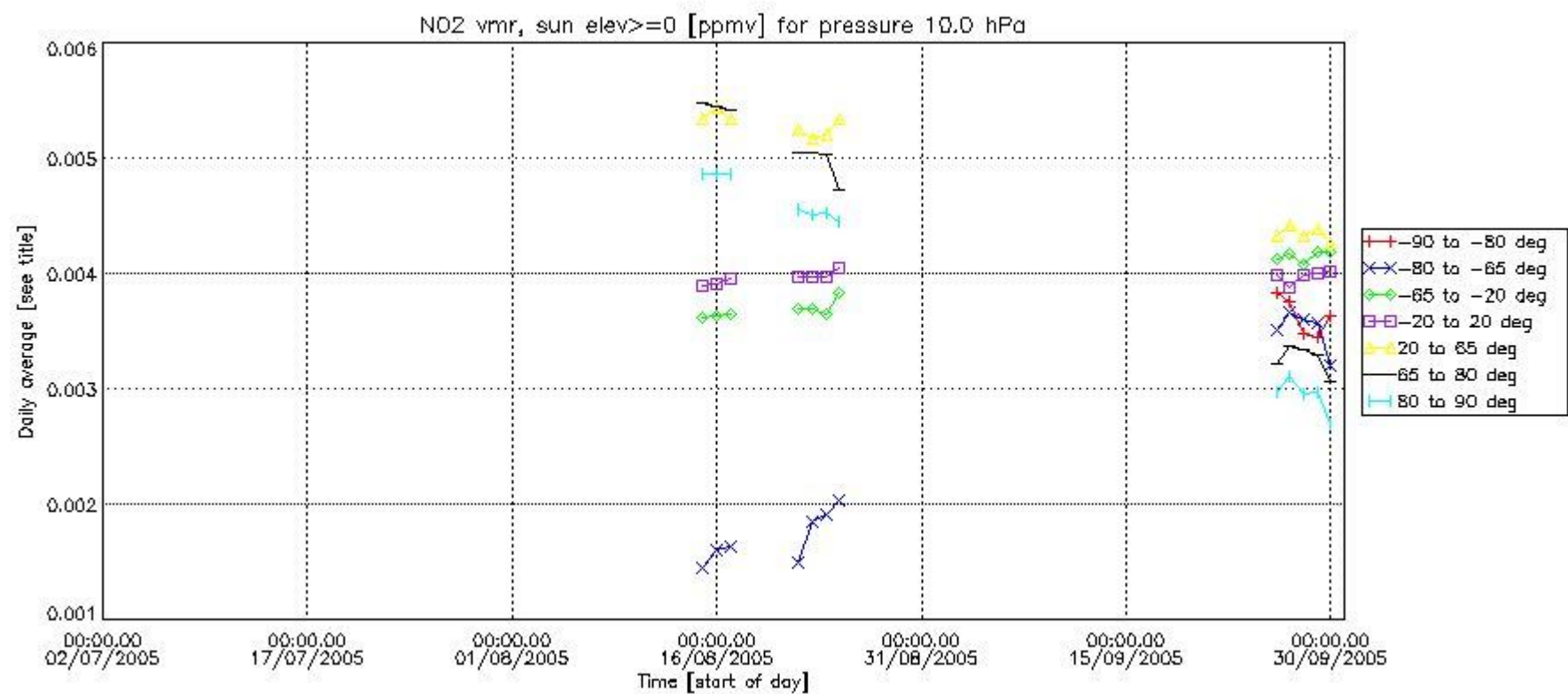


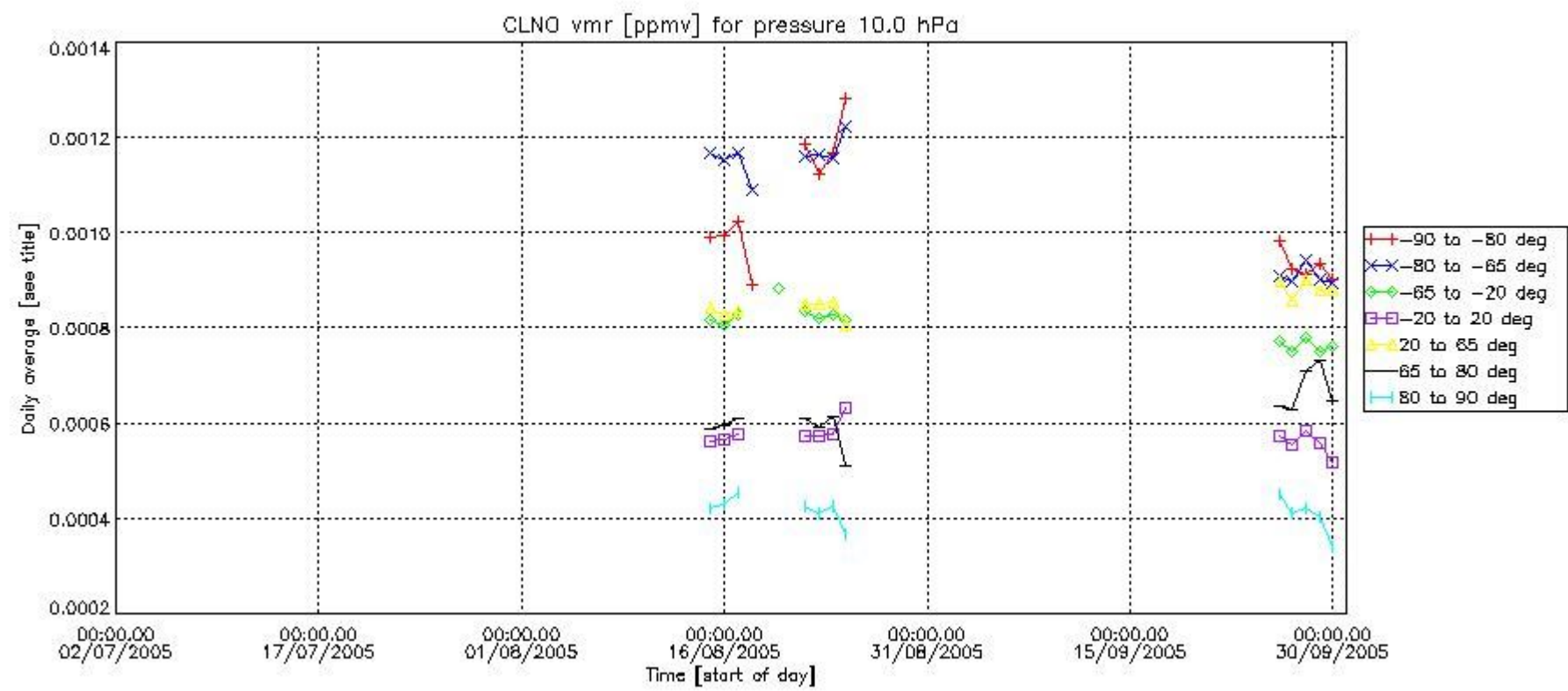
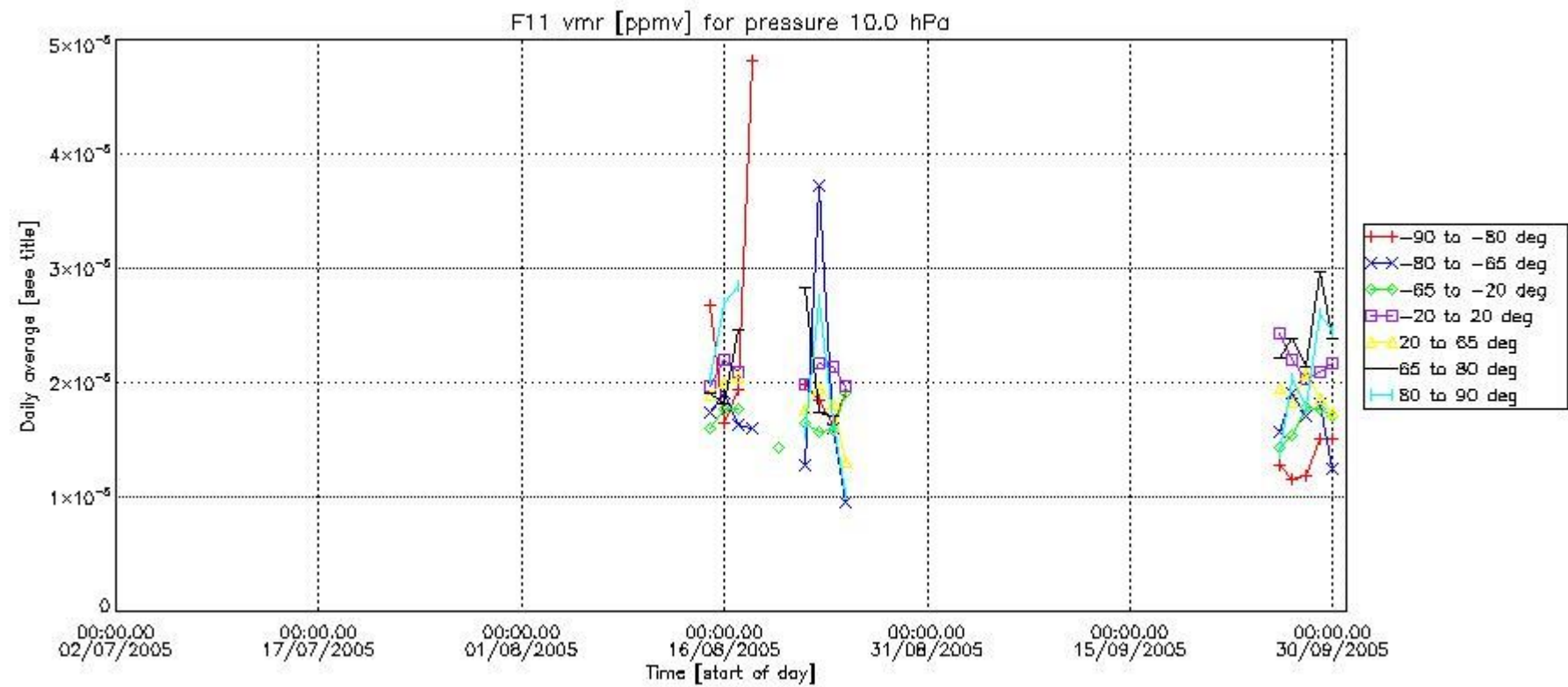


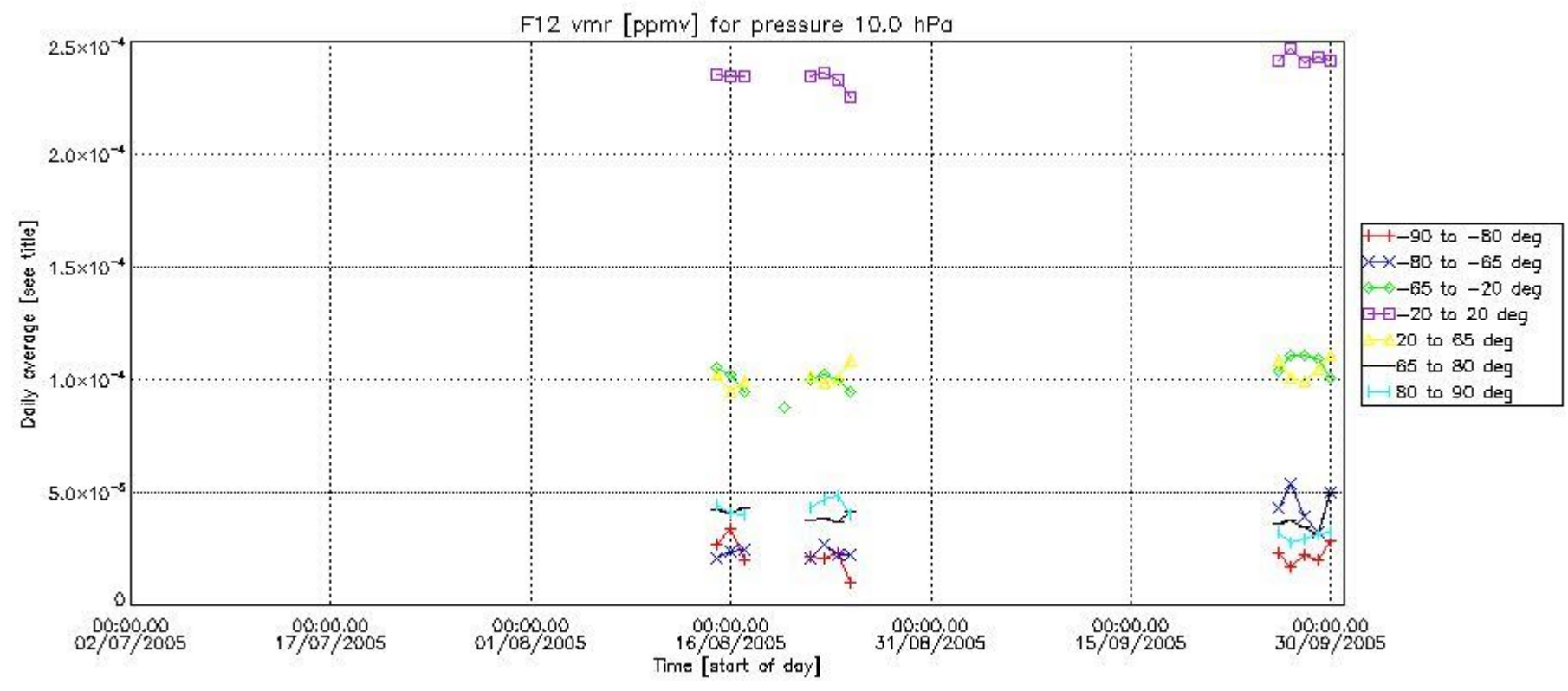
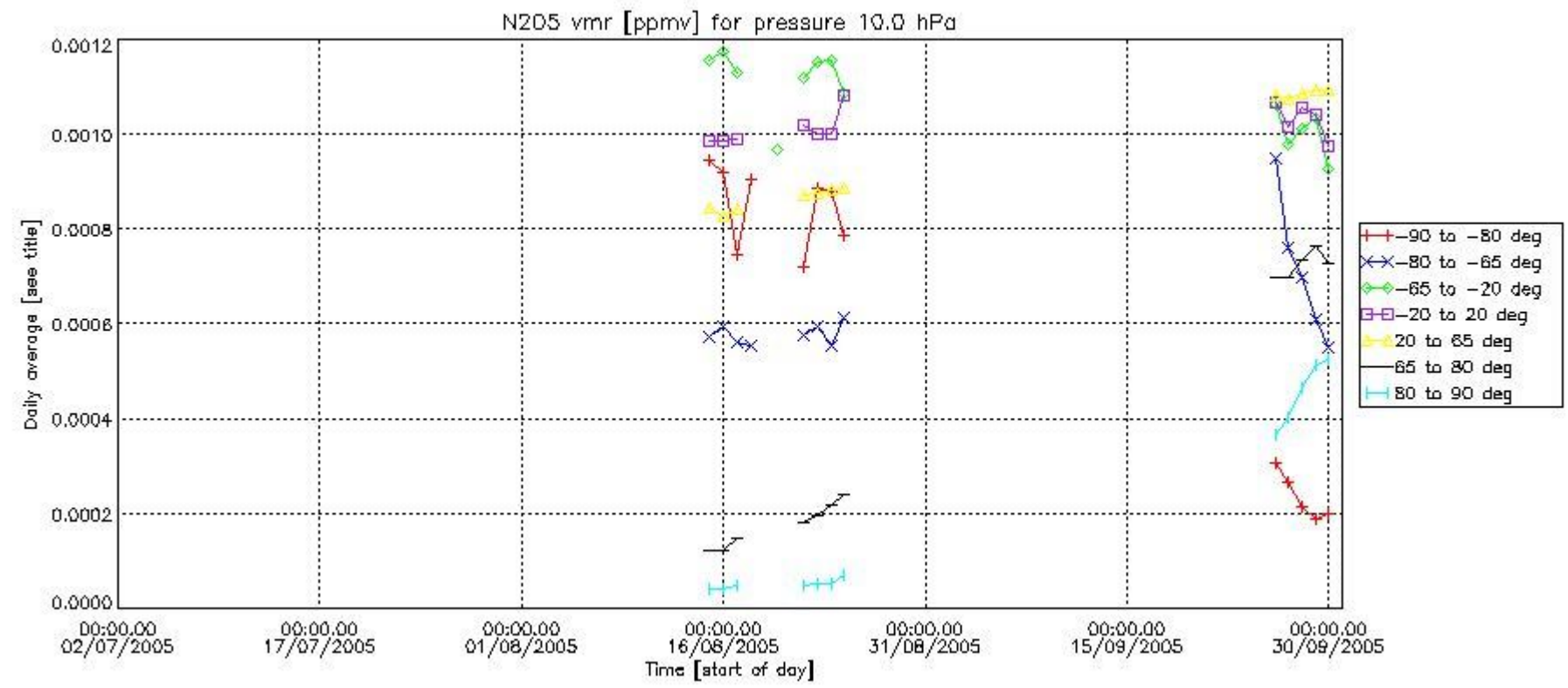


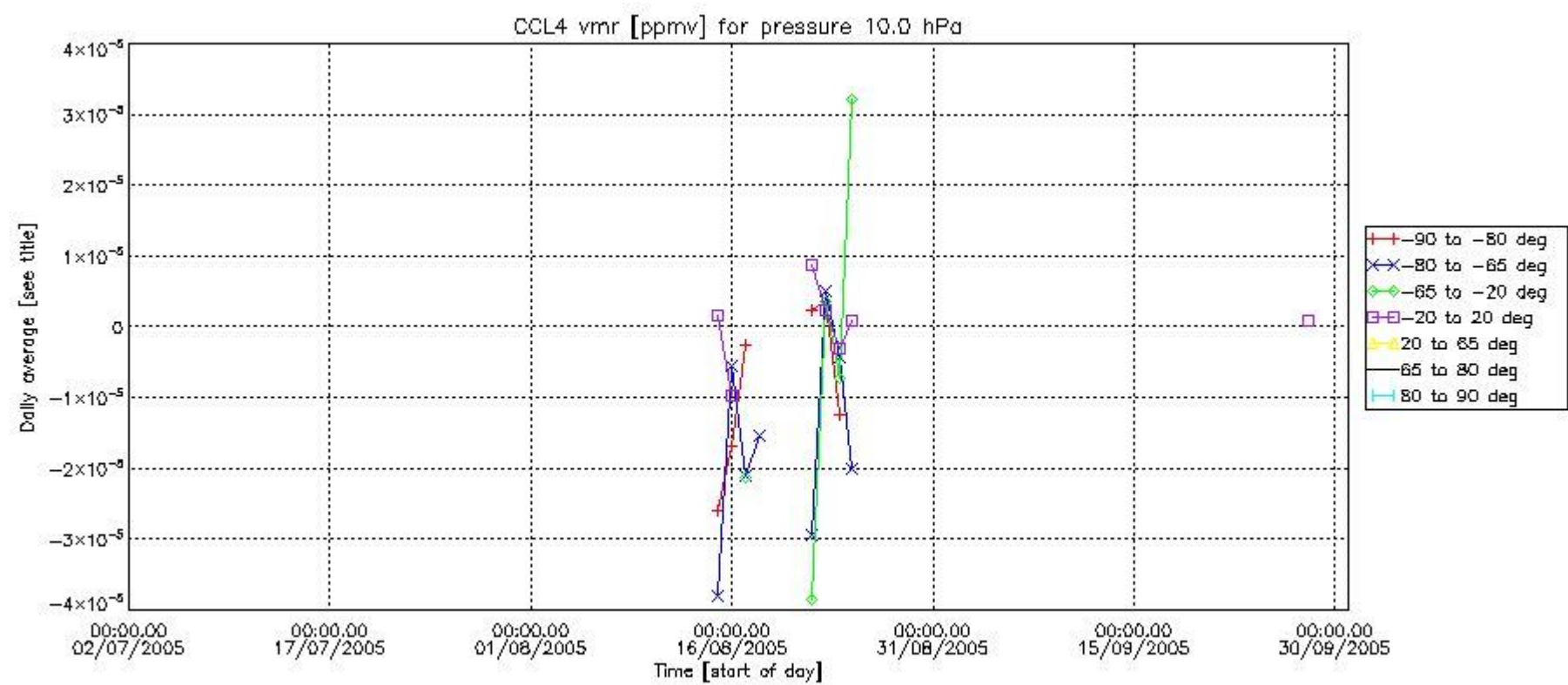
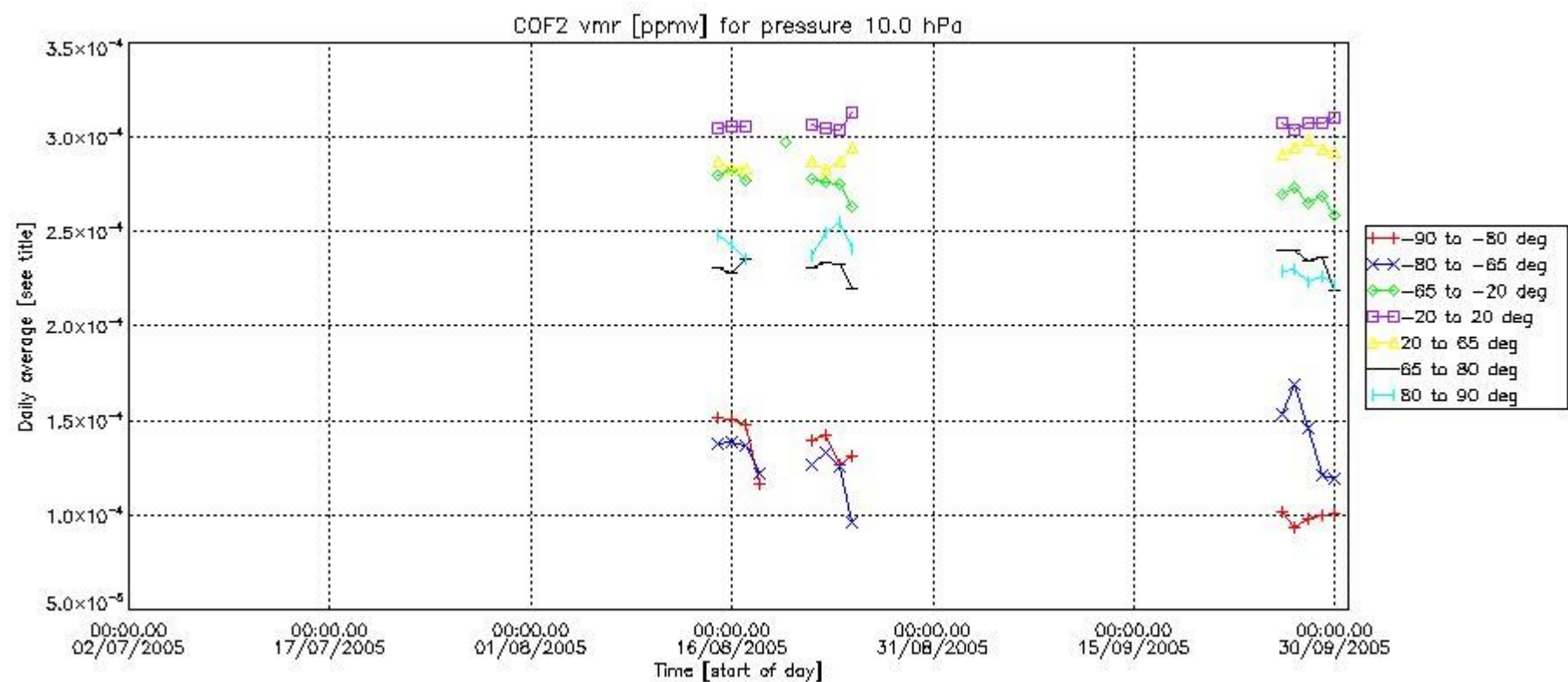


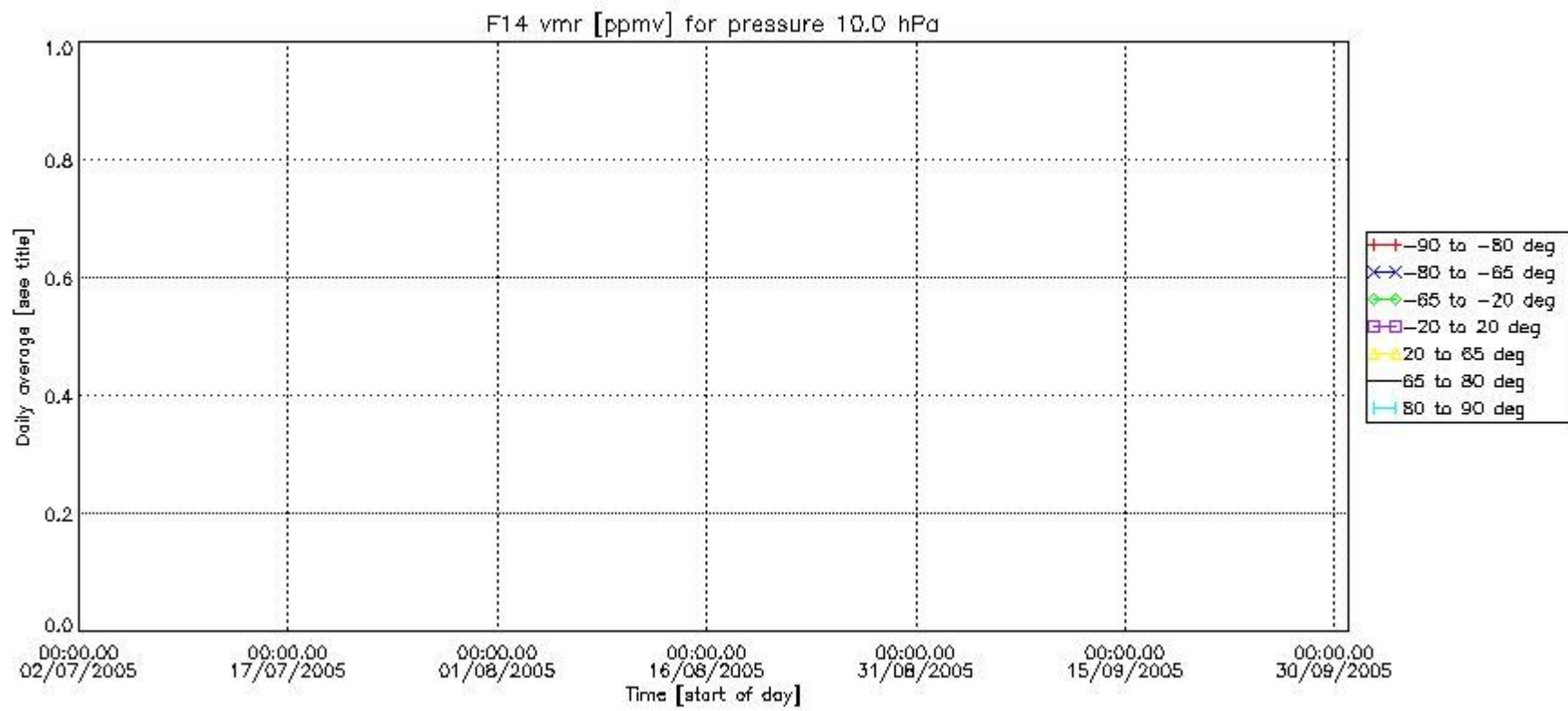
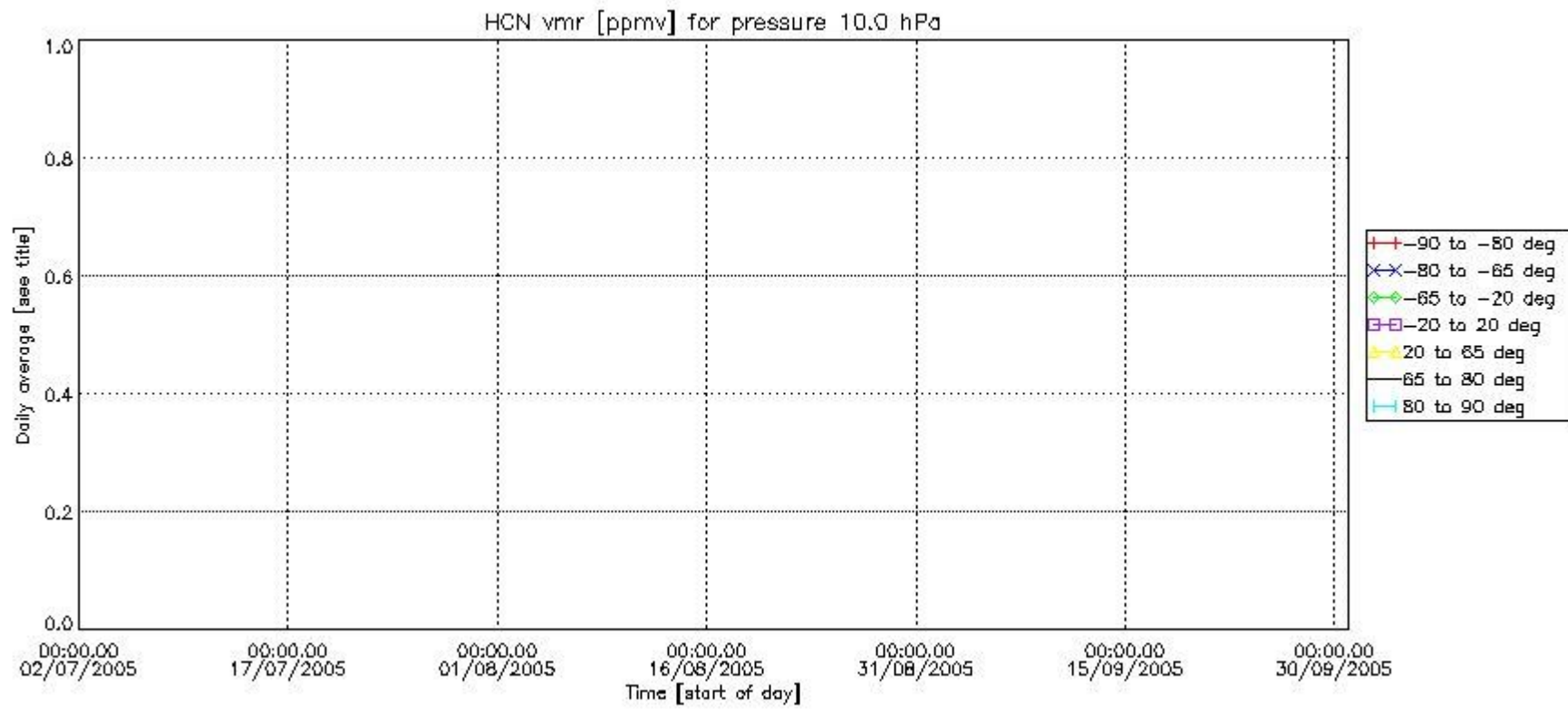


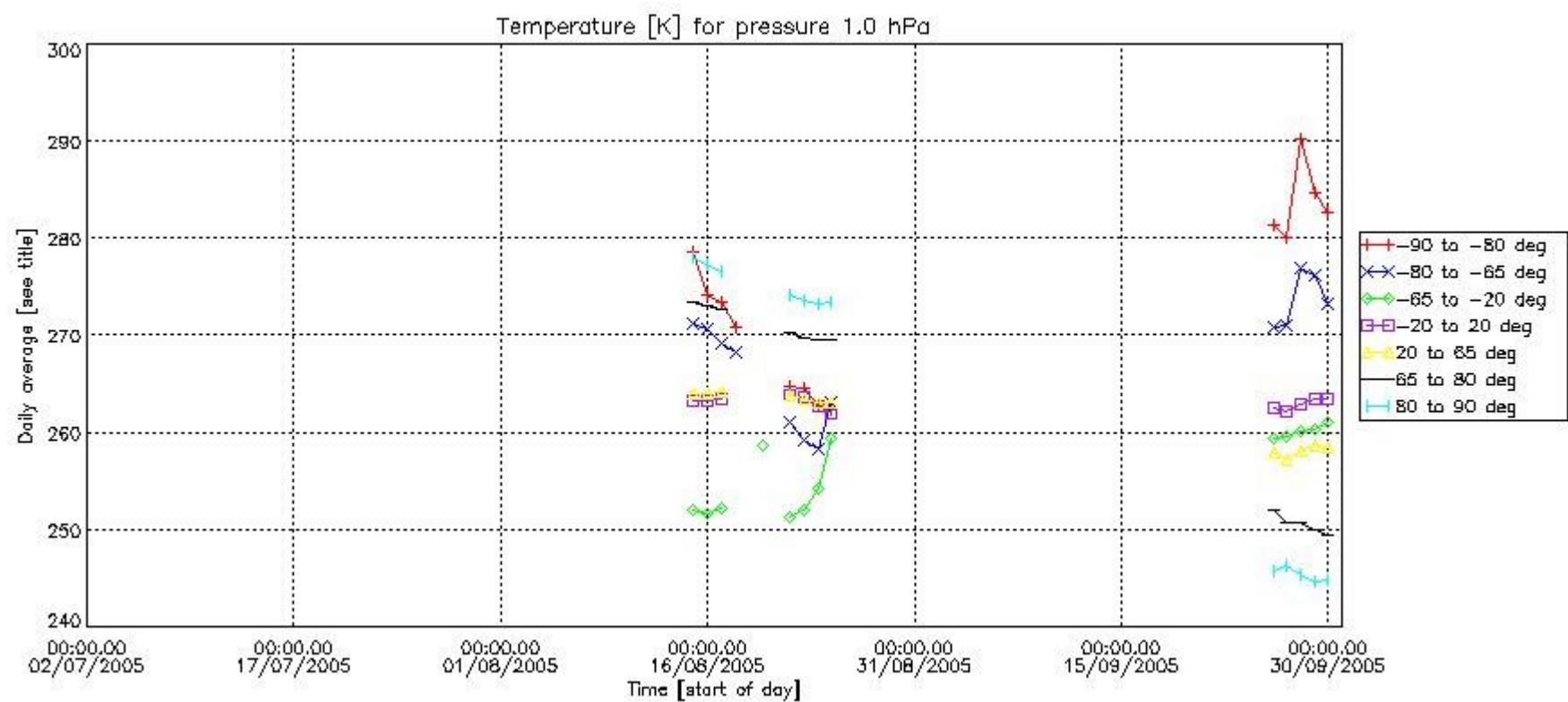
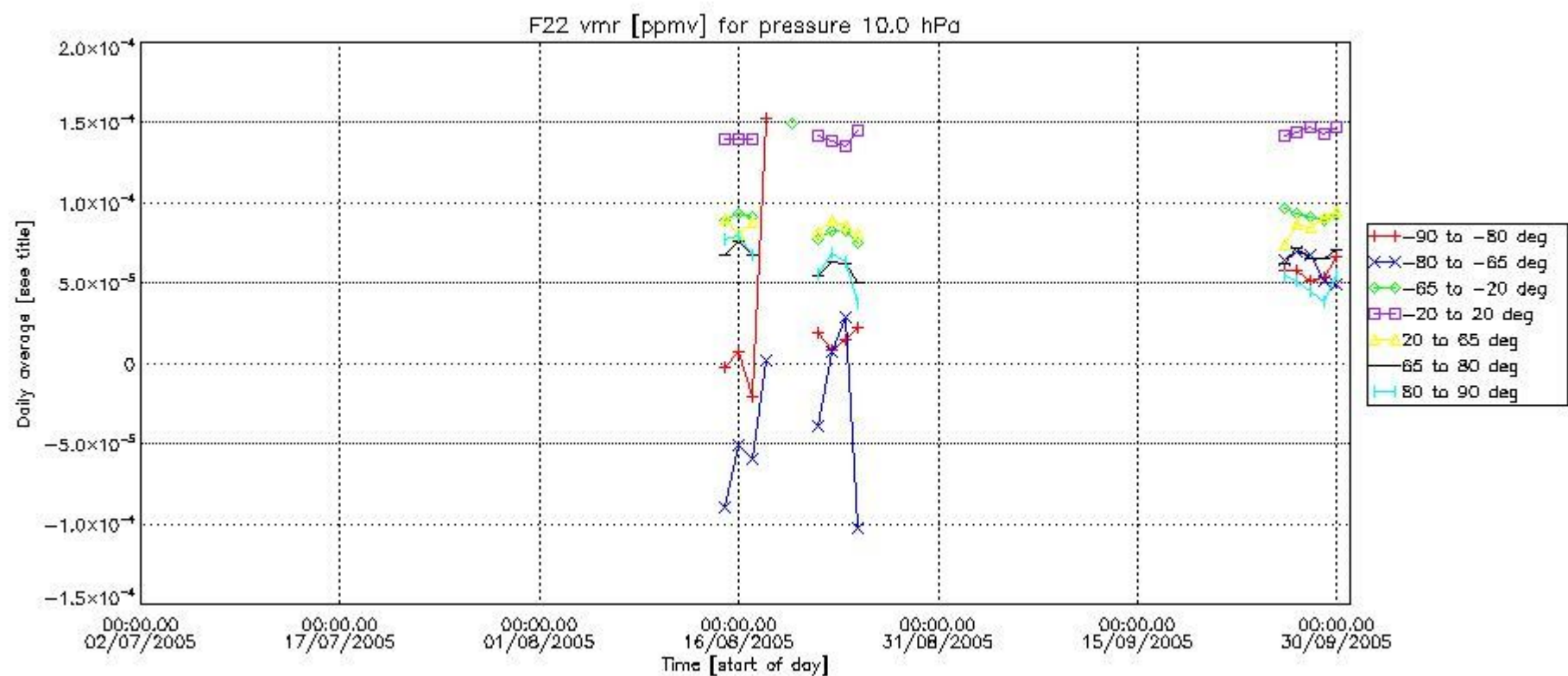


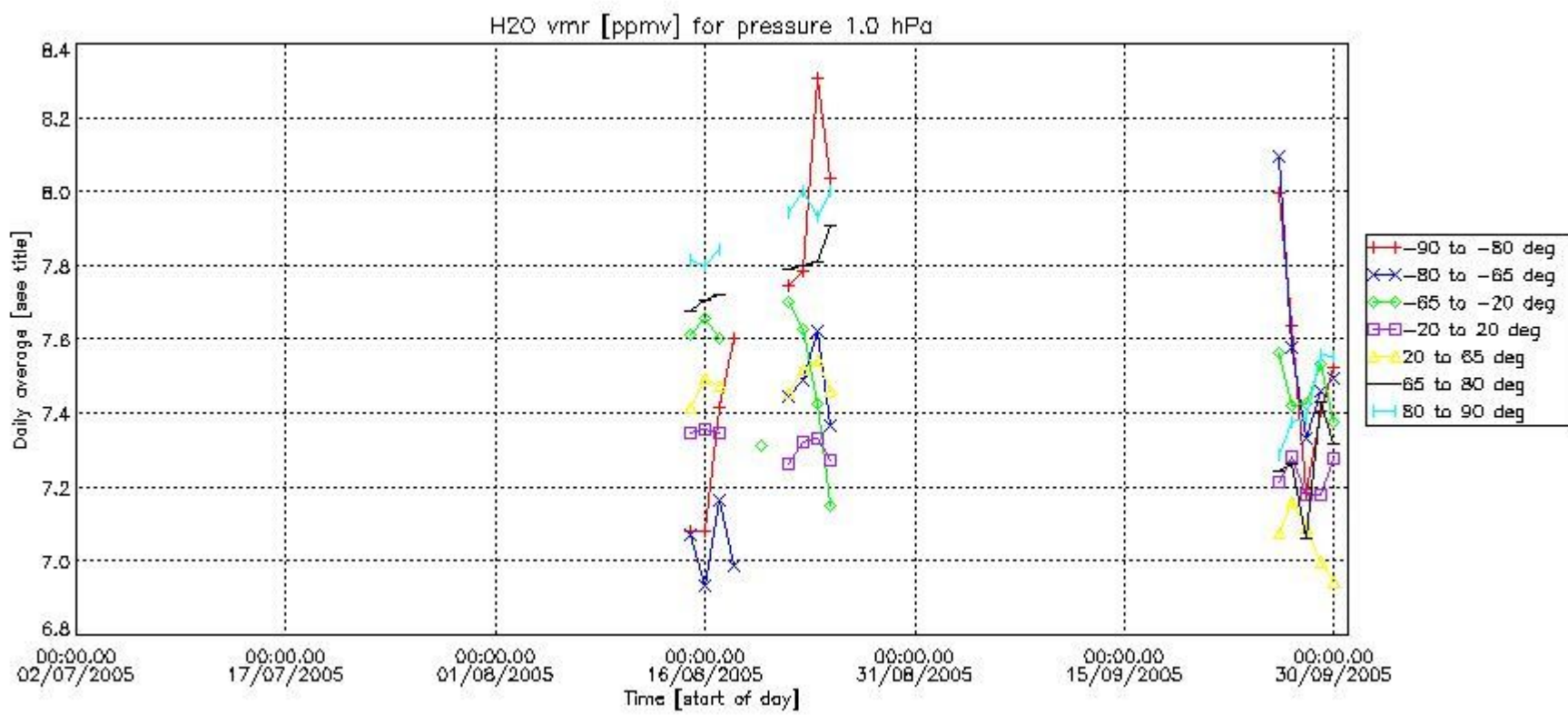
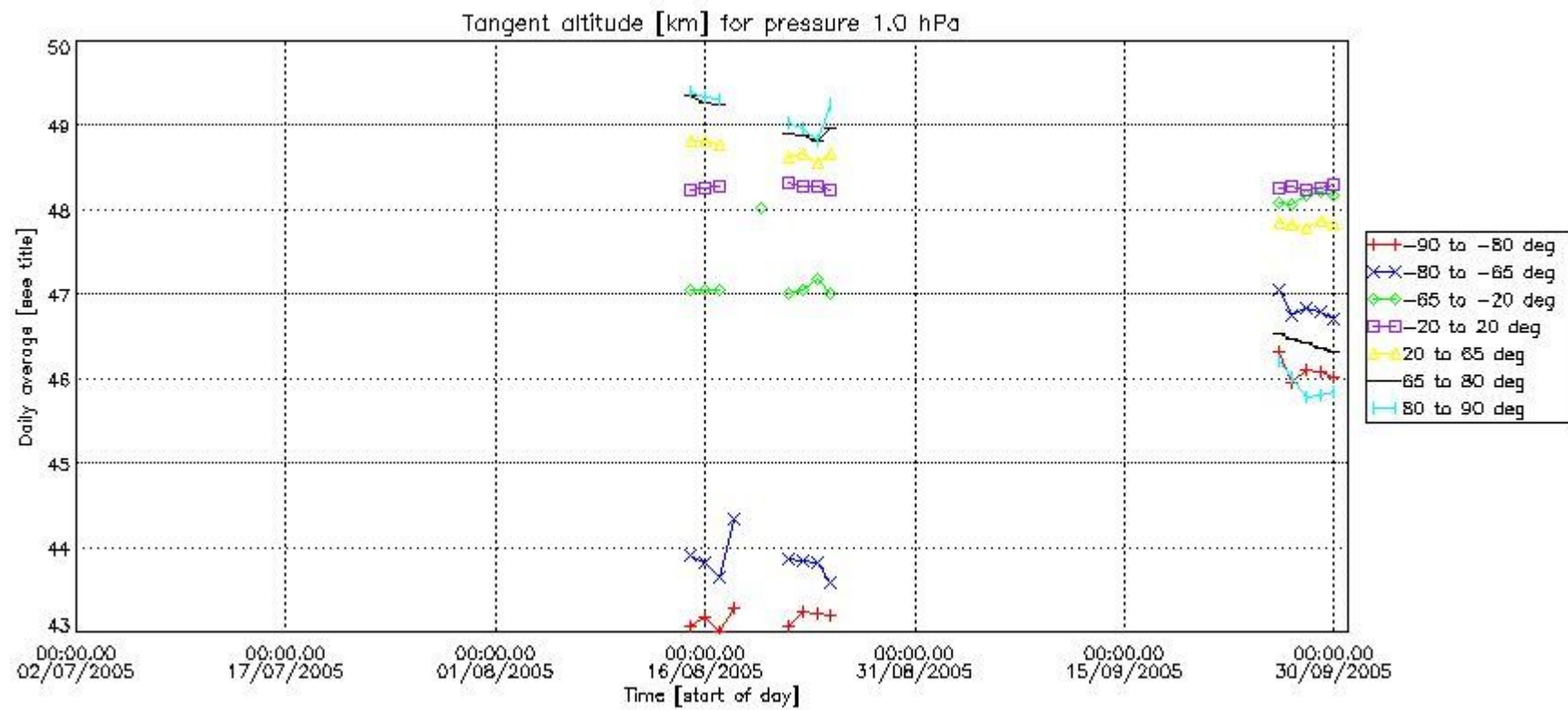


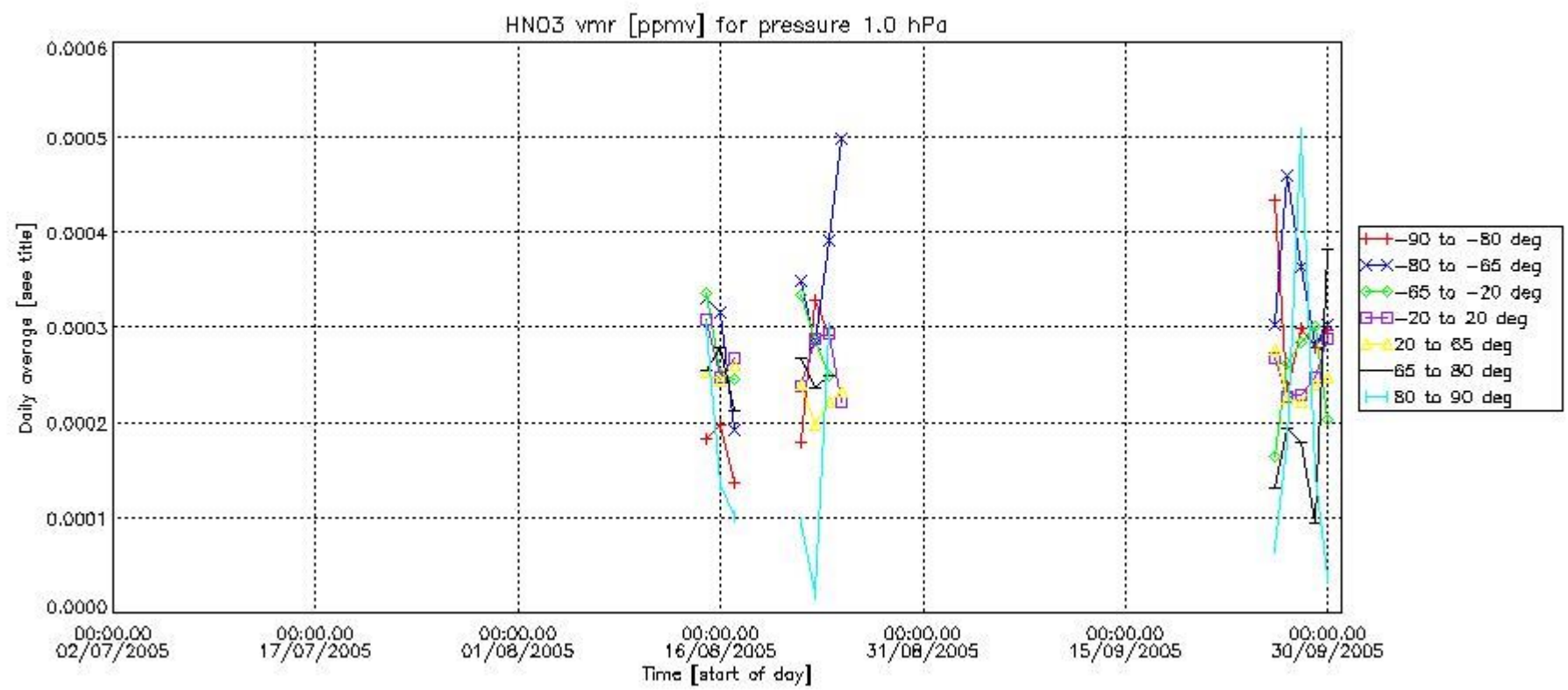
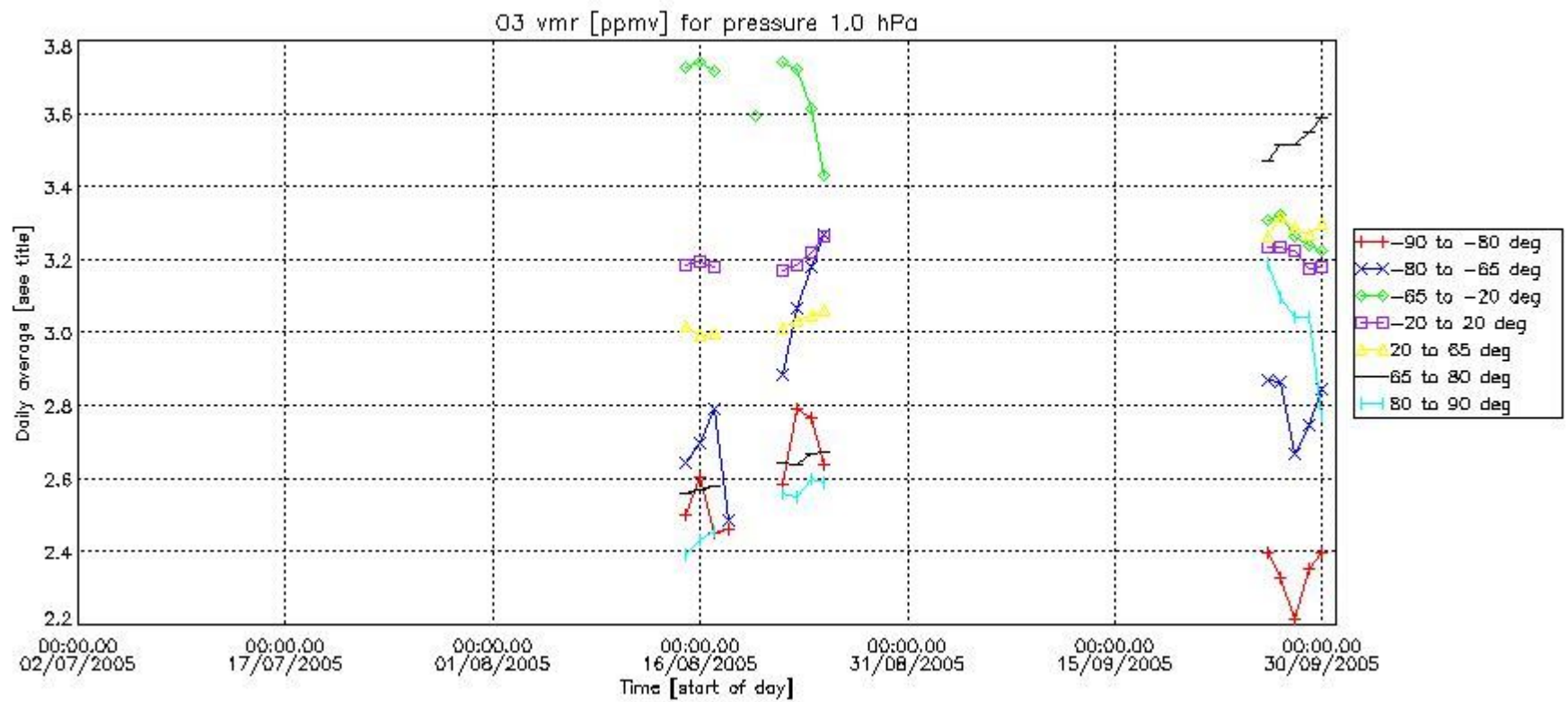


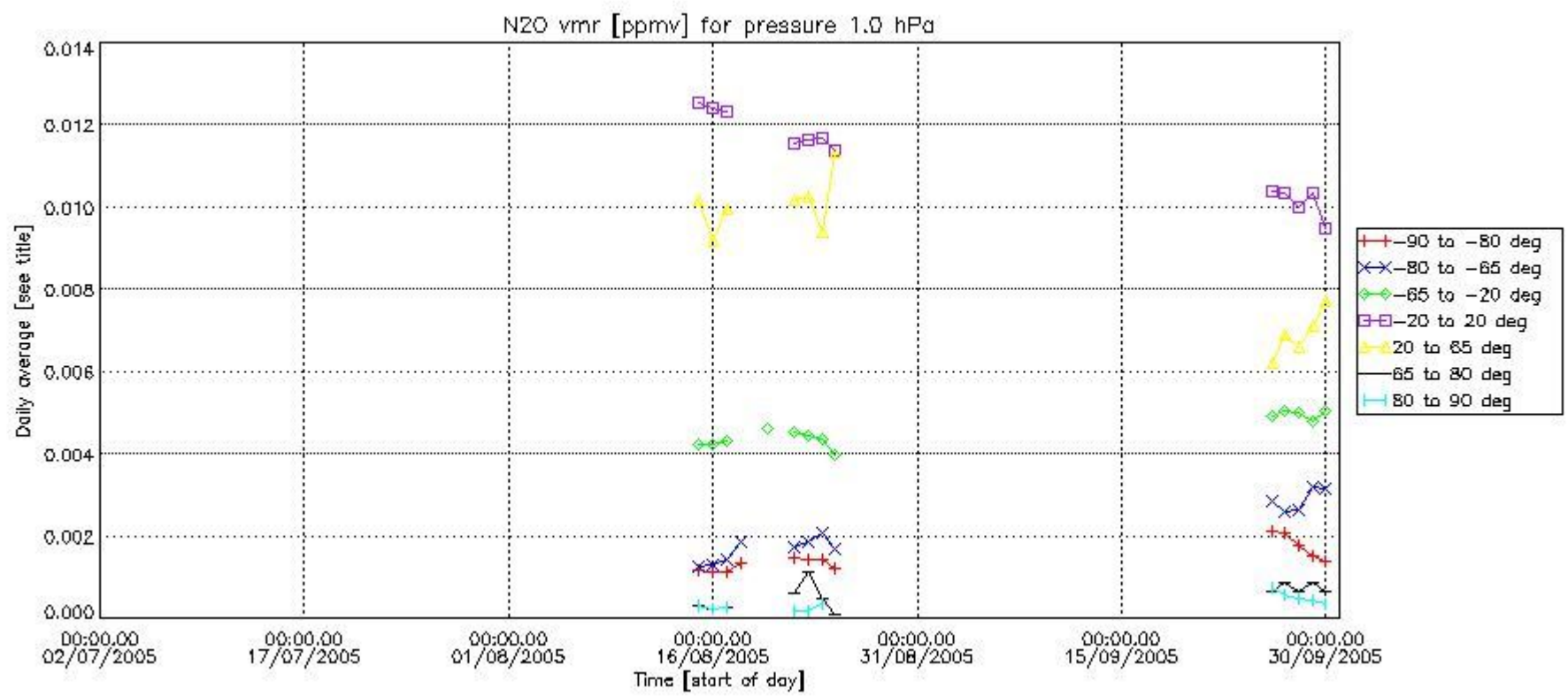
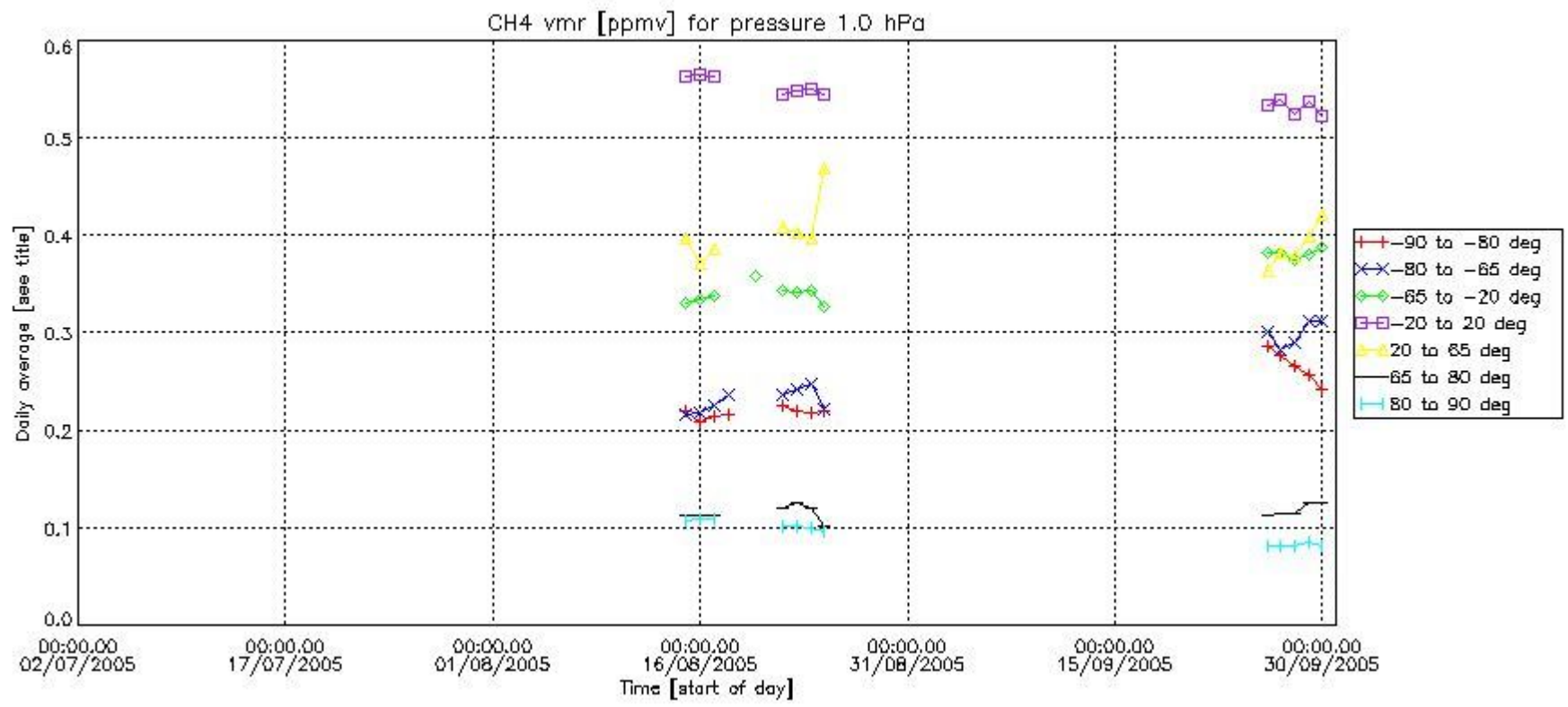


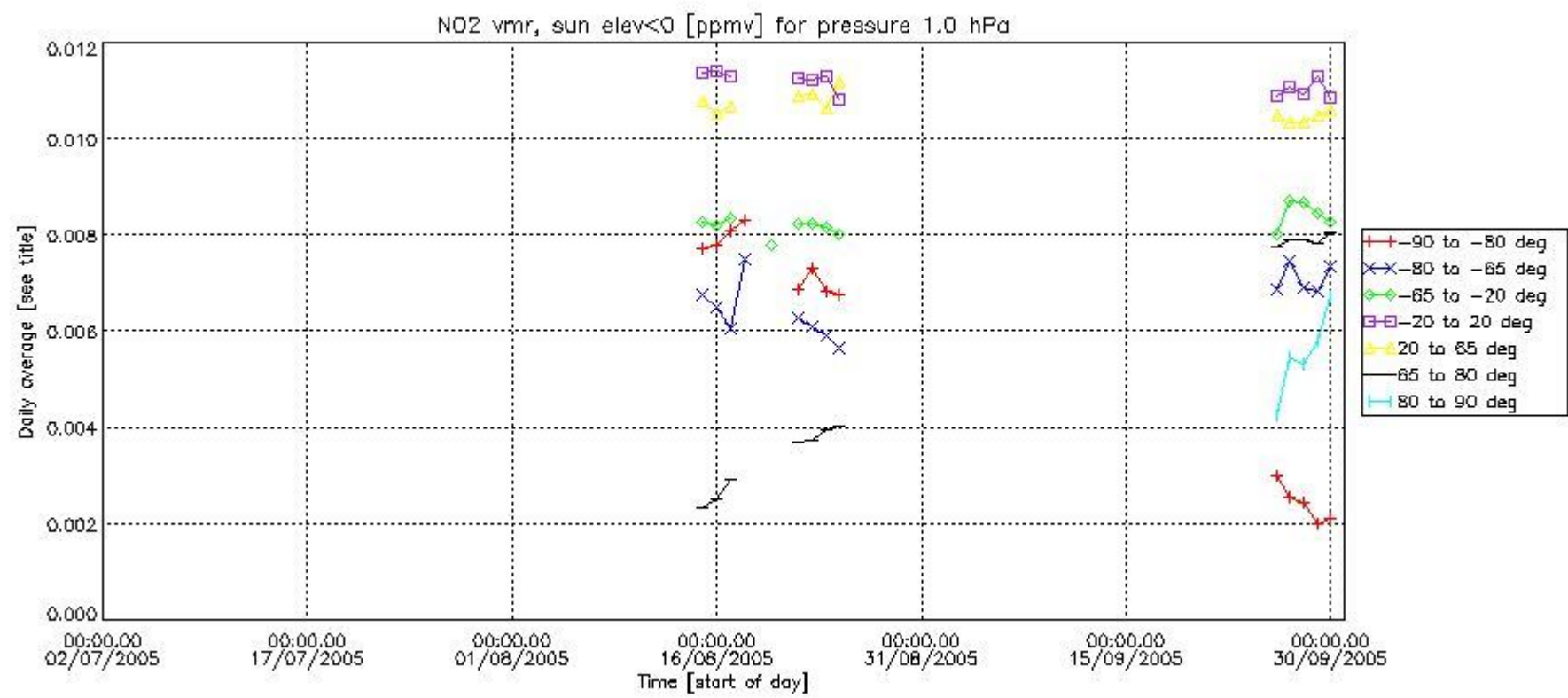
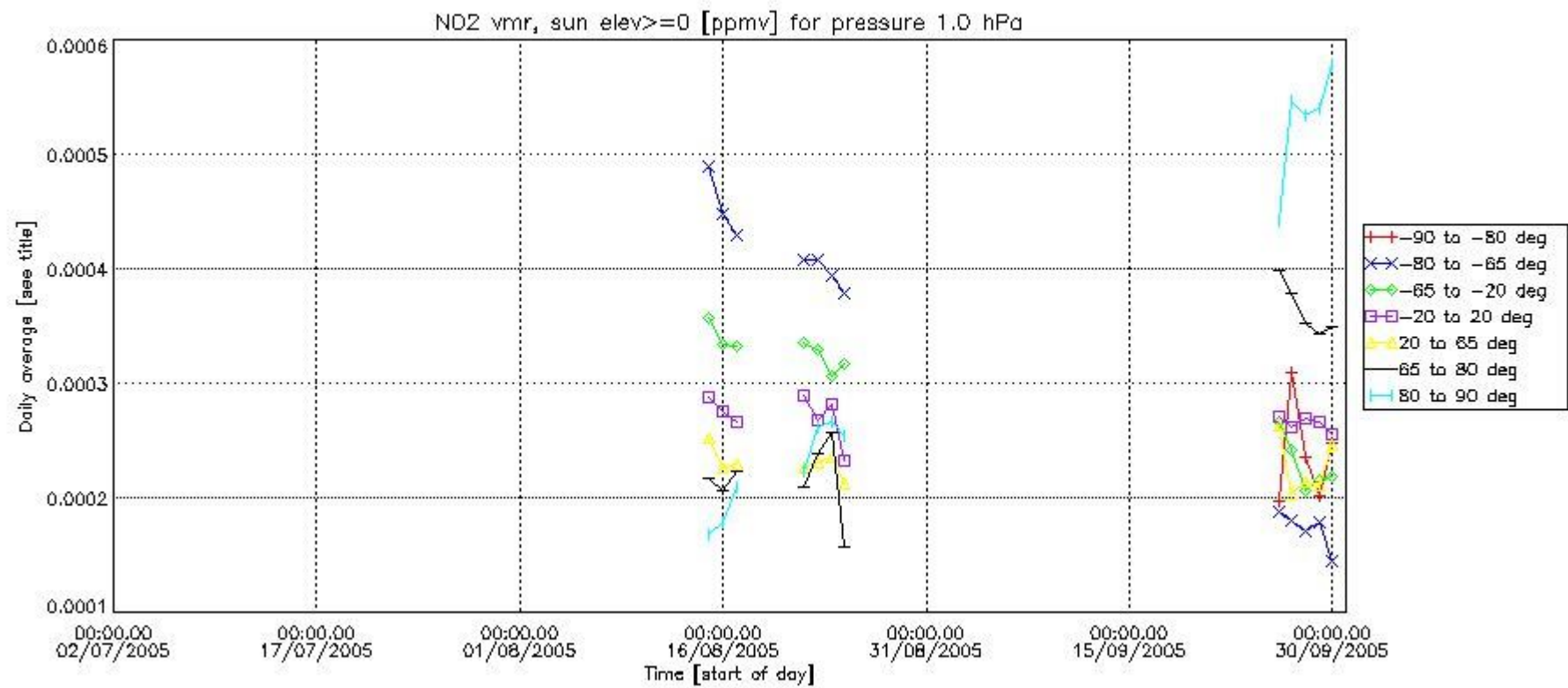


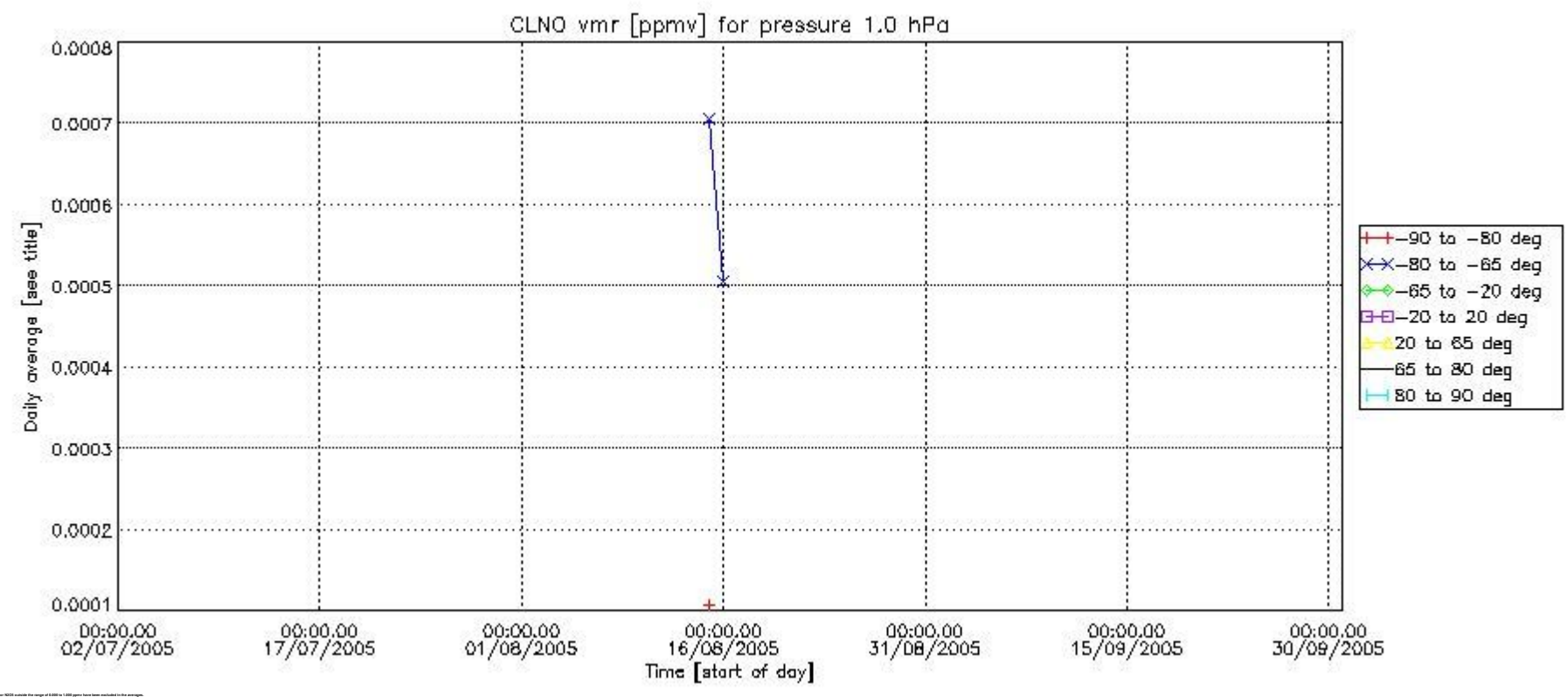
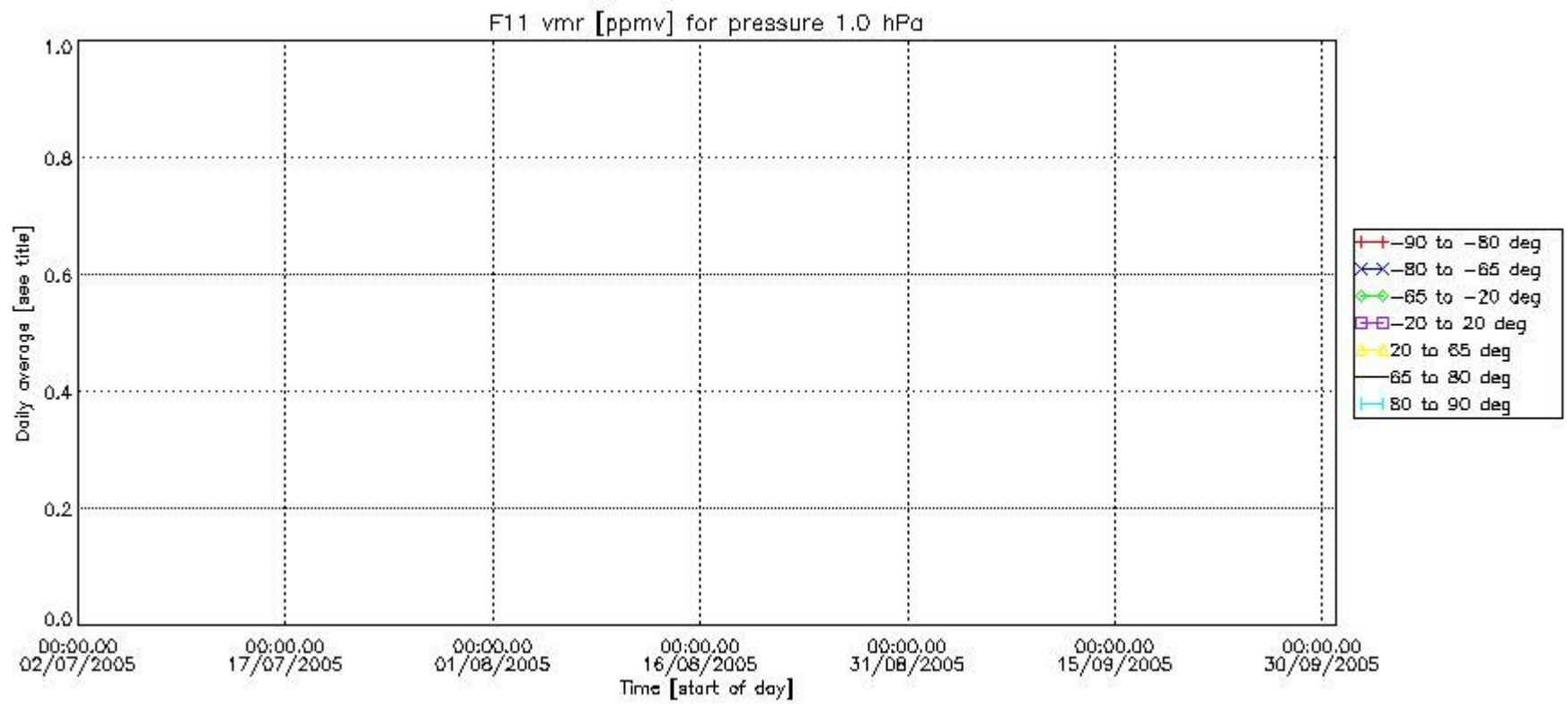


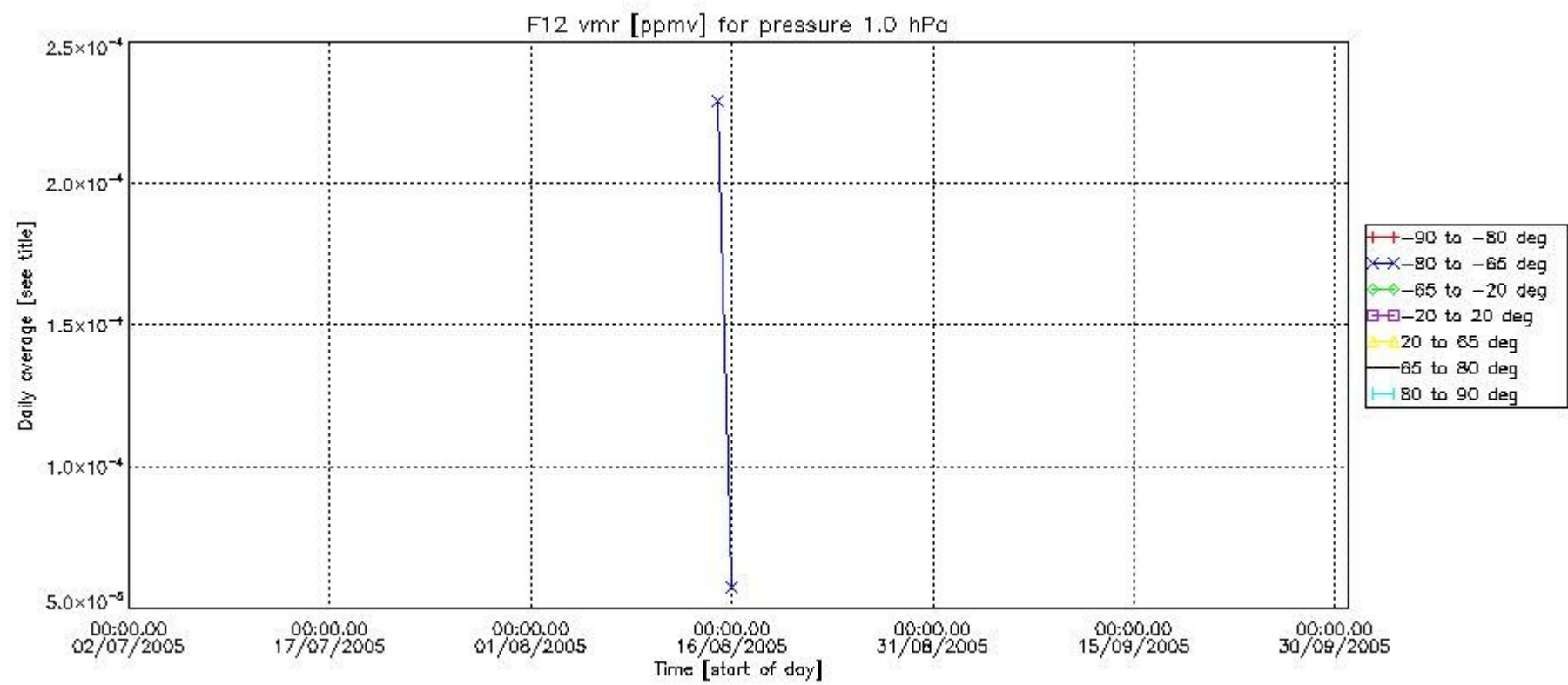
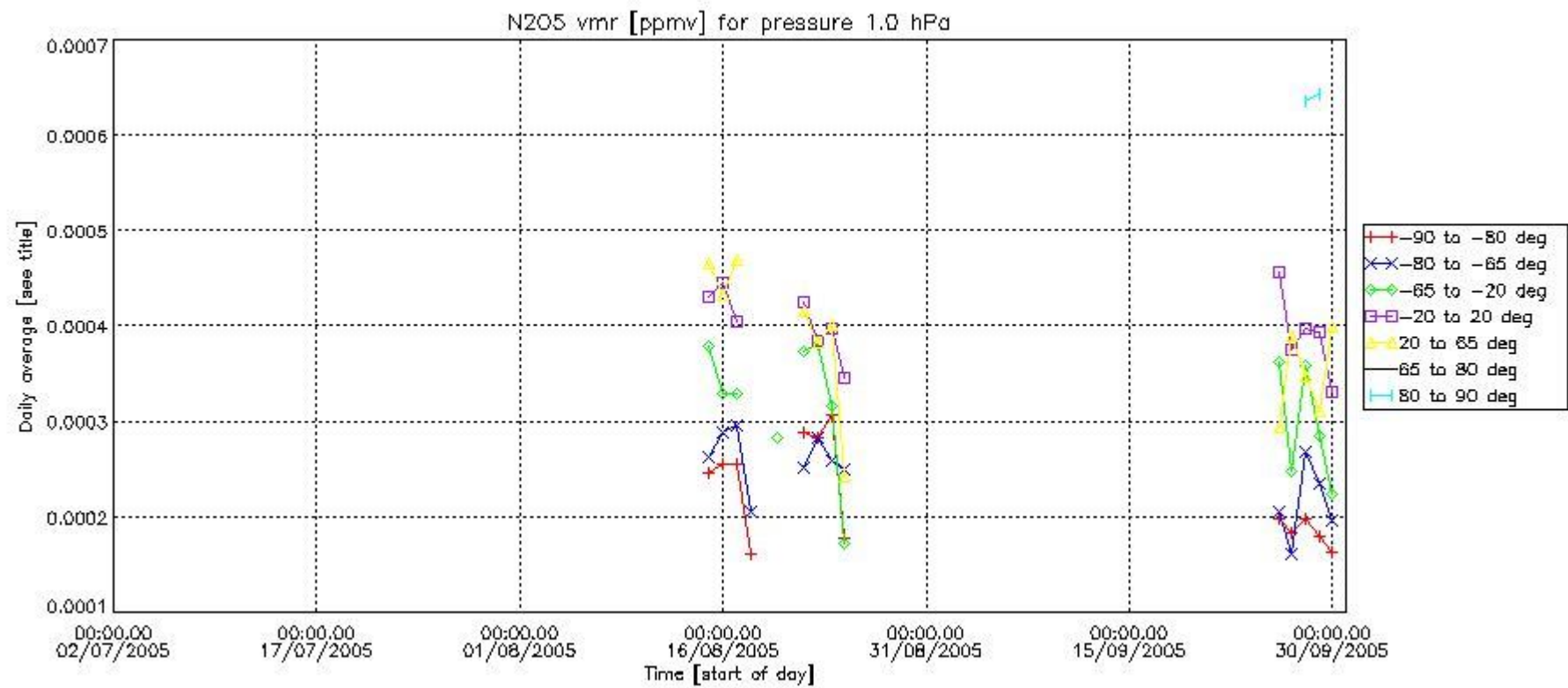


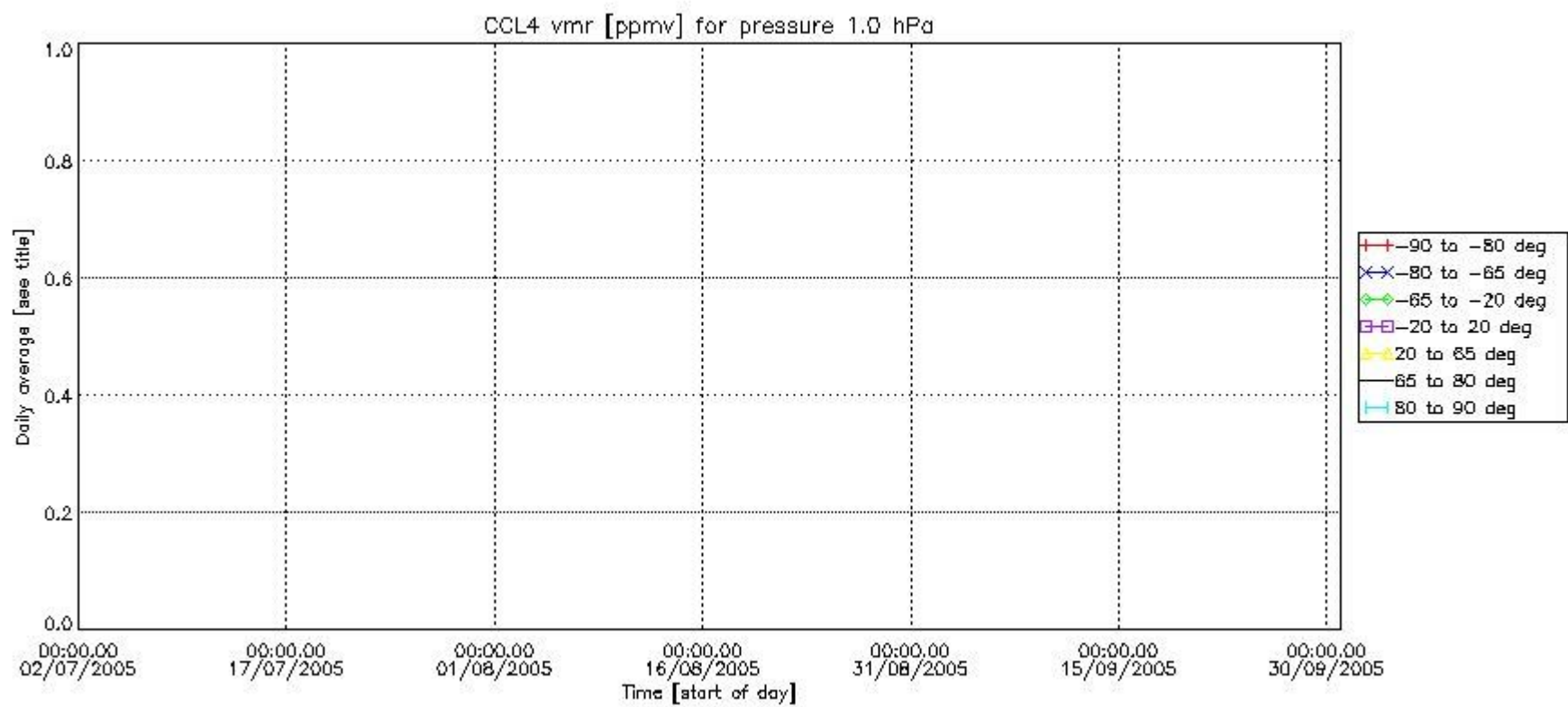
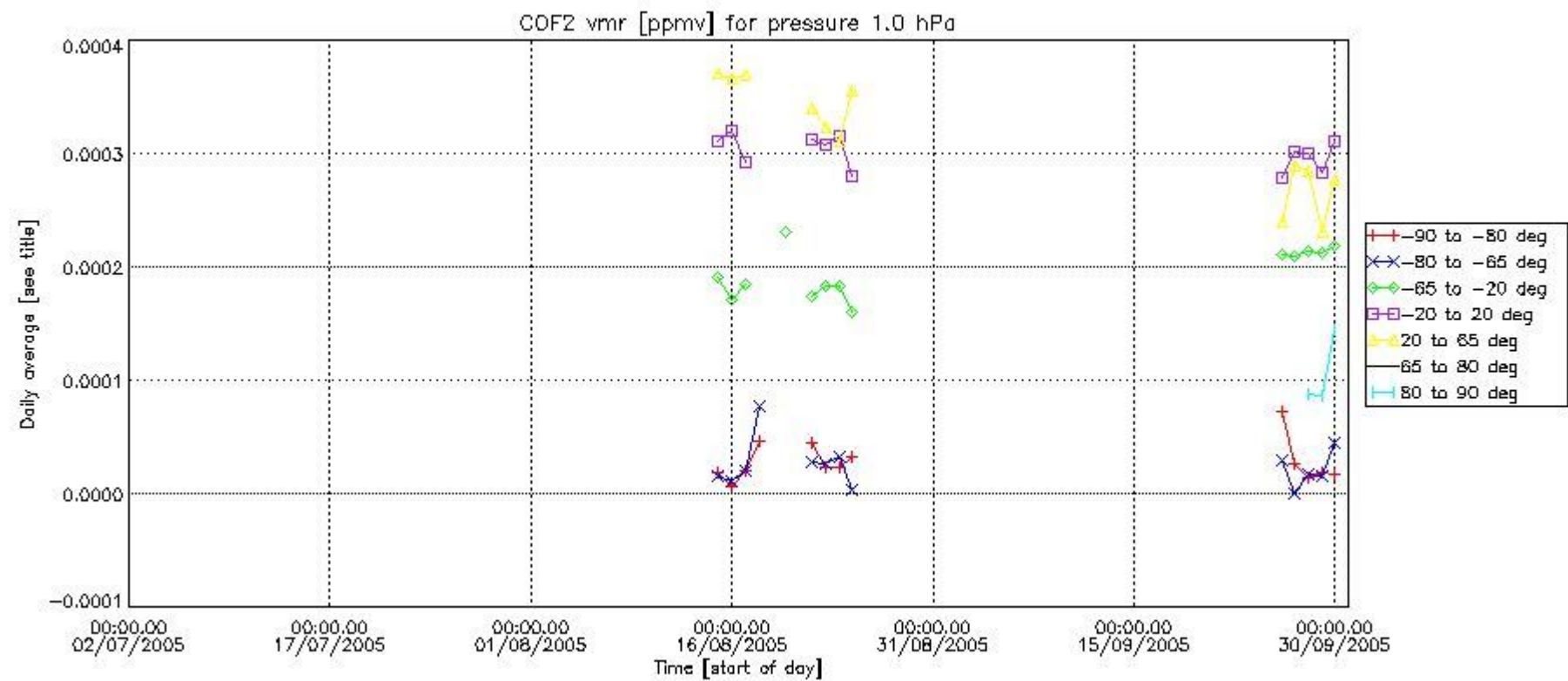


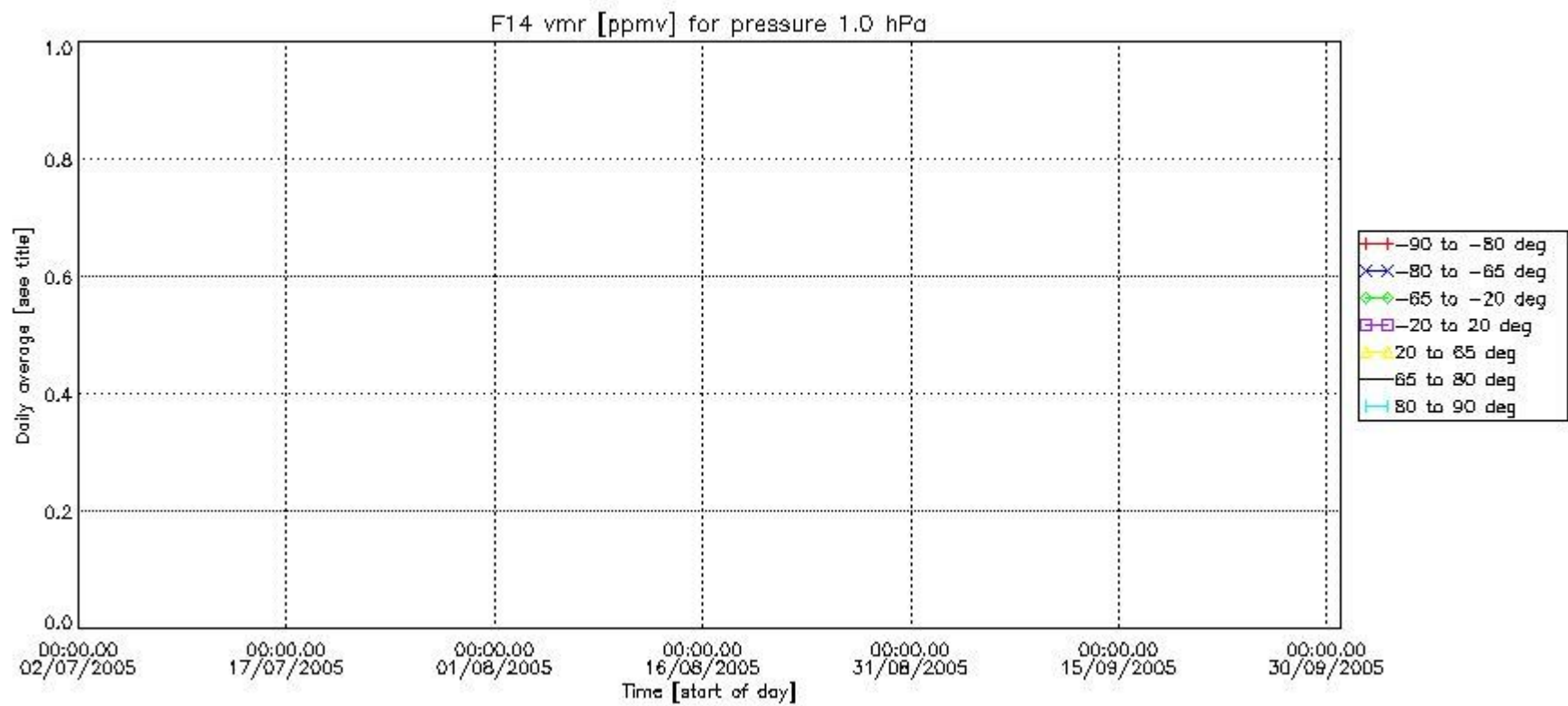
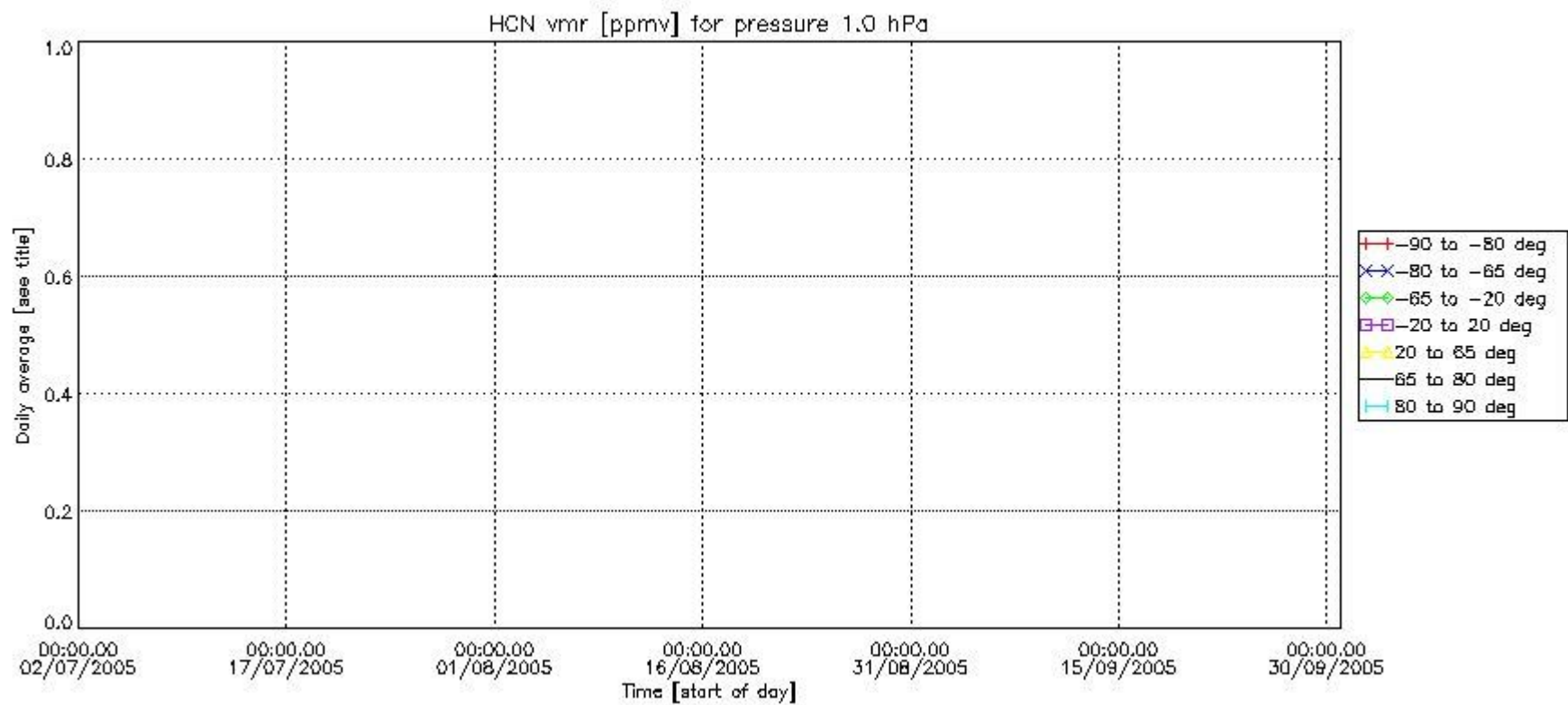


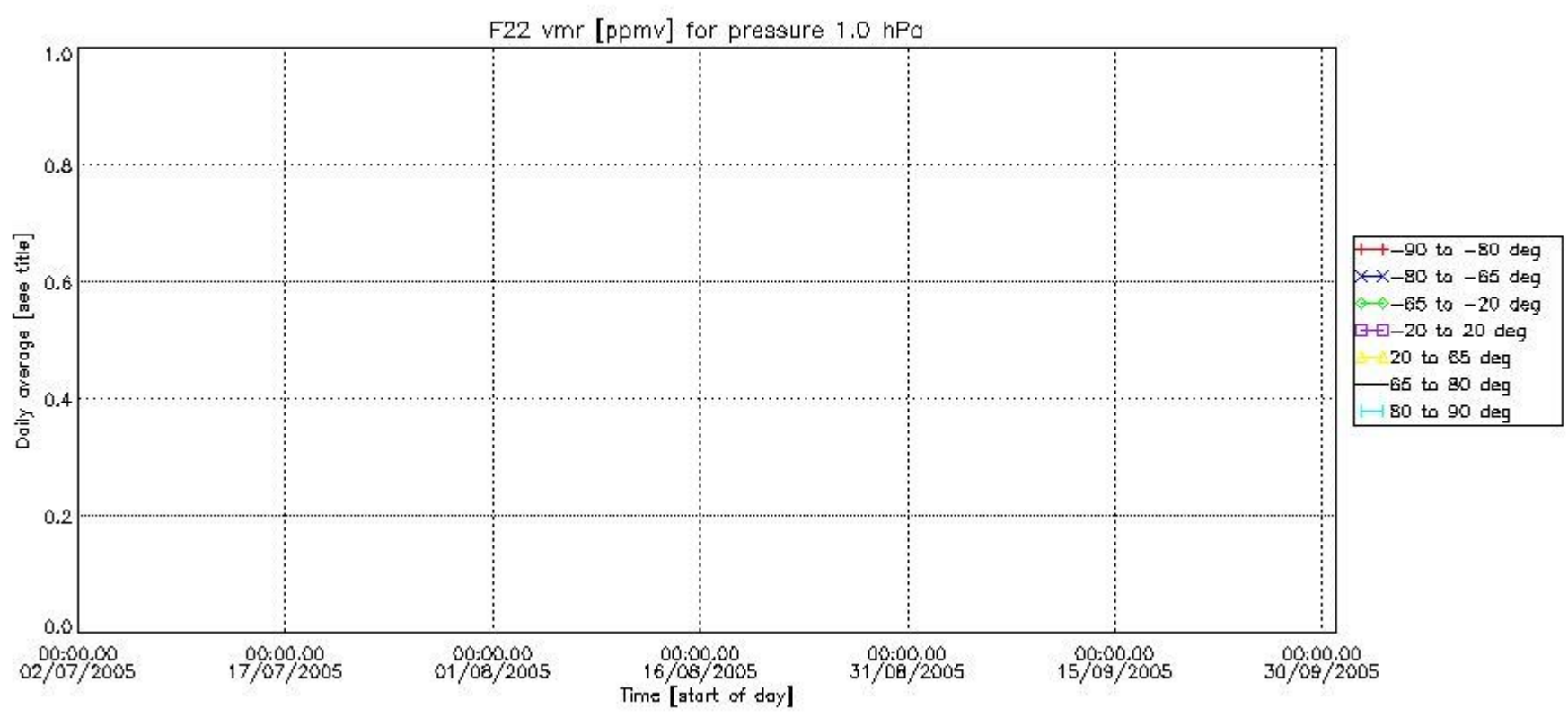












Number of successful retrievals vs. geolocation (*=day side , triangle=night side).

