

2. MIPAS Daily Report for level 2 products summary report

(See [mipas_daily_report_level2_ML2PP_7_03_W_20040814.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	19APR2016 22:48:17
Data source version	ML2PP/7.03-W
Processing scope for products	14AUG2004 00:00:00 to 15AUG2004 00:00:00
Start time of first product within scope	14AUG2004 06:23:57
Stop time of last product within scope	15AUG2004 01:23:54
Total number of level 2 products	5
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__2PWDSI20040814_062334_000014822029_00263_12842_1000.N1	14AUG2004 06:23:57	14AUG2004 06:48:16	1	2/1	
1	MIP_NL__2PWDSI20040814_184134_000060252029_00271_12850_1000.N1	14AUG2004 18:41:34	14AUG2004 20:21:59	0	146/146	VMR_TERM_MACRO_MICRO[HCN/macro:1; HCN/micro:1]
2	MIP_NL__2PWDSI20040814_202205_000060362029_00272_12851_1000.N1	14AUG2004 20:22:05	14AUG2004 22:02:41	0	147/147	VMR_TERM_MACRO_MICRO[HCN/macro:1]
3	MIP_NL__2PWDSI20040814_220247_000060362029_00273_12852_1000.N1	14AUG2004 22:02:47	14AUG2004 23:43:23	0	147/147	VMR_TERM_MACRO_MICRO[F14/macro:1; HCN/micro:1]
4	MIP_NL__2PWDSI20040814_234329_000060252029_00274_12853_1000.N1	14AUG2004 23:43:29	15AUG2004 01:23:54	0	146/146	VMR_TERM_MACRO_MICRO[HCN/micro:1; F14/micro:1]

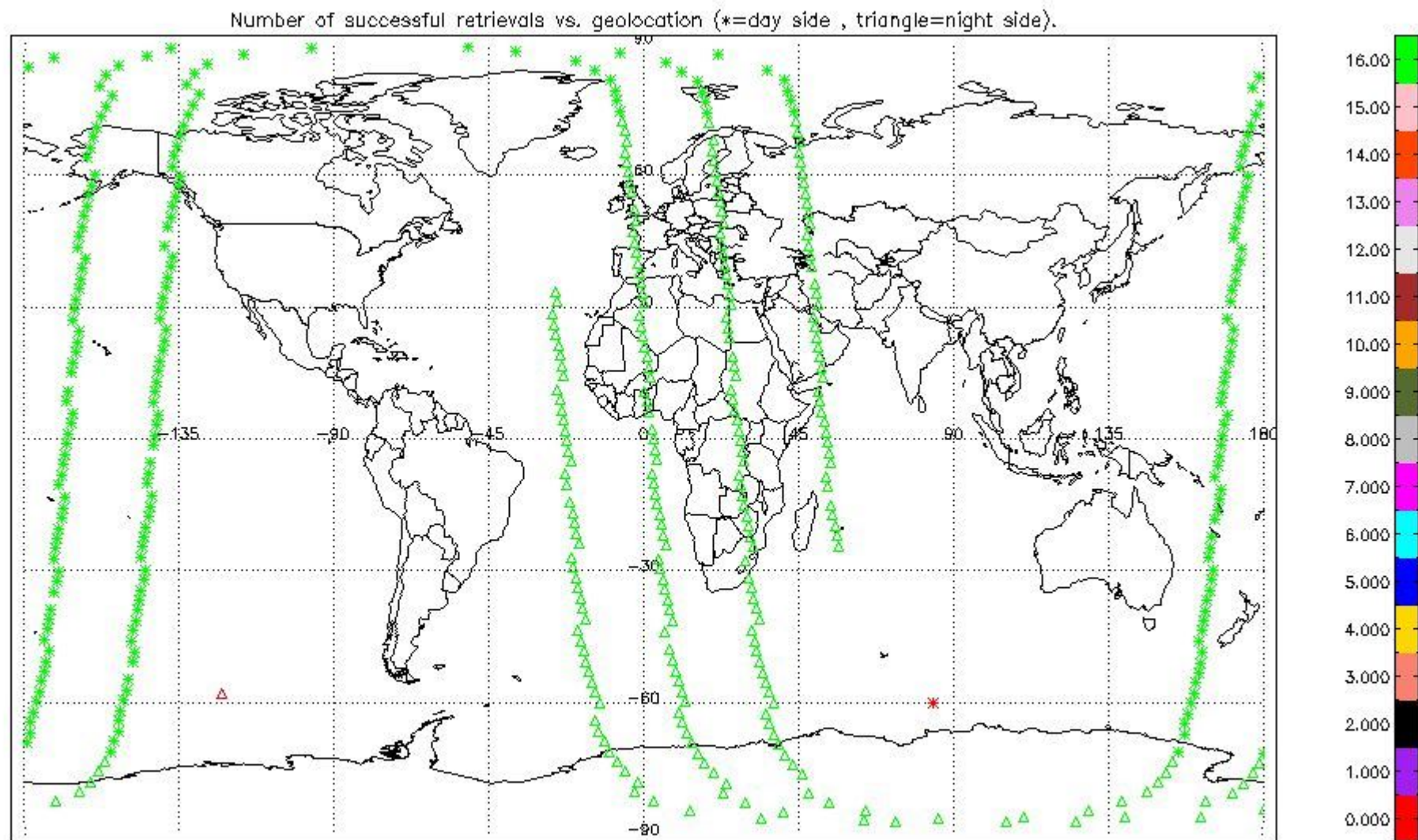
2.2 Processing performance indicators

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.

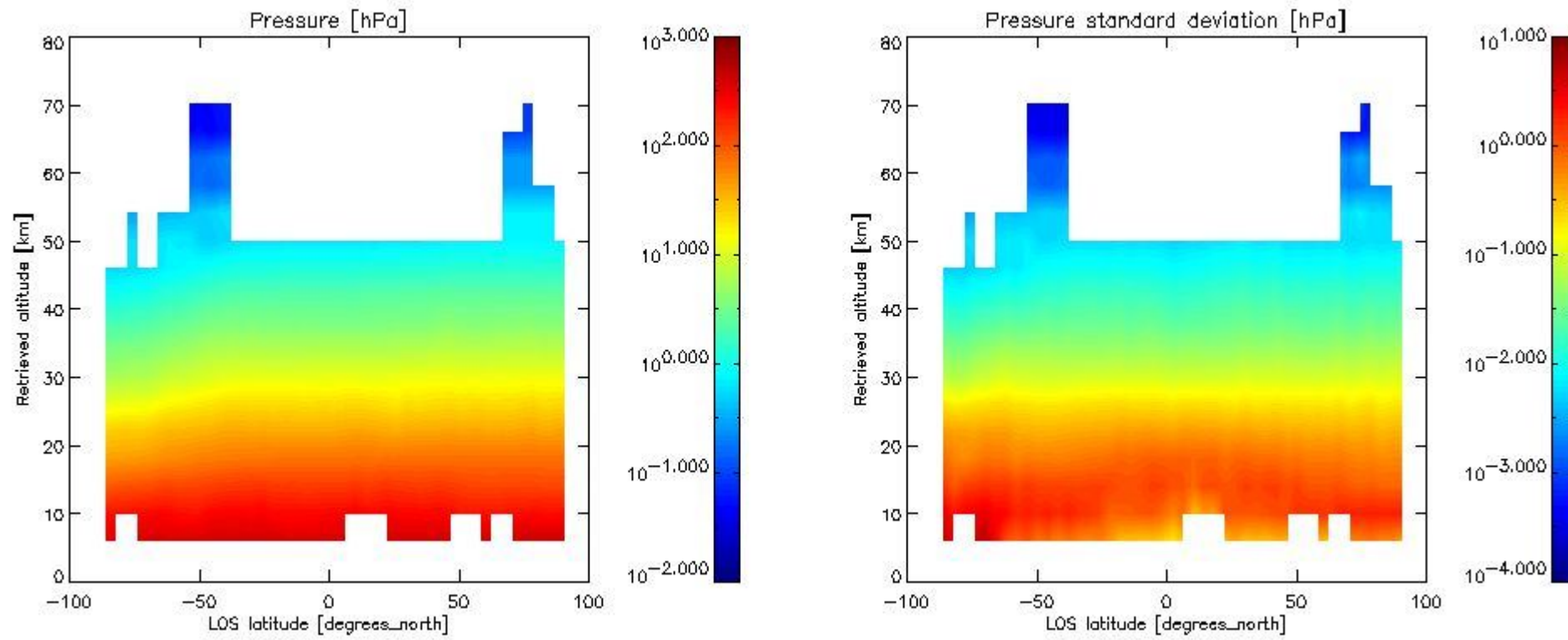
RETRIEVAL MDS	# scans processed	# Successful retrievals	%
PT	587	464	79.046
H2O	587	464	79.046
O3	587	464	79.046
HNO3	587	464	79.046
CH4	587	464	79.046

N2O	587	464	79.046
NO2	587	464	79.046
F11	587	464	79.046
CLNO	587	464	79.046
N2O5	587	464	79.046
F12	587	464	79.046
COF2	587	464	79.046
CCL4	587	464	79.046
HCN	587	464	79.046
F14	587	464	79.046
F22	587	464	79.046



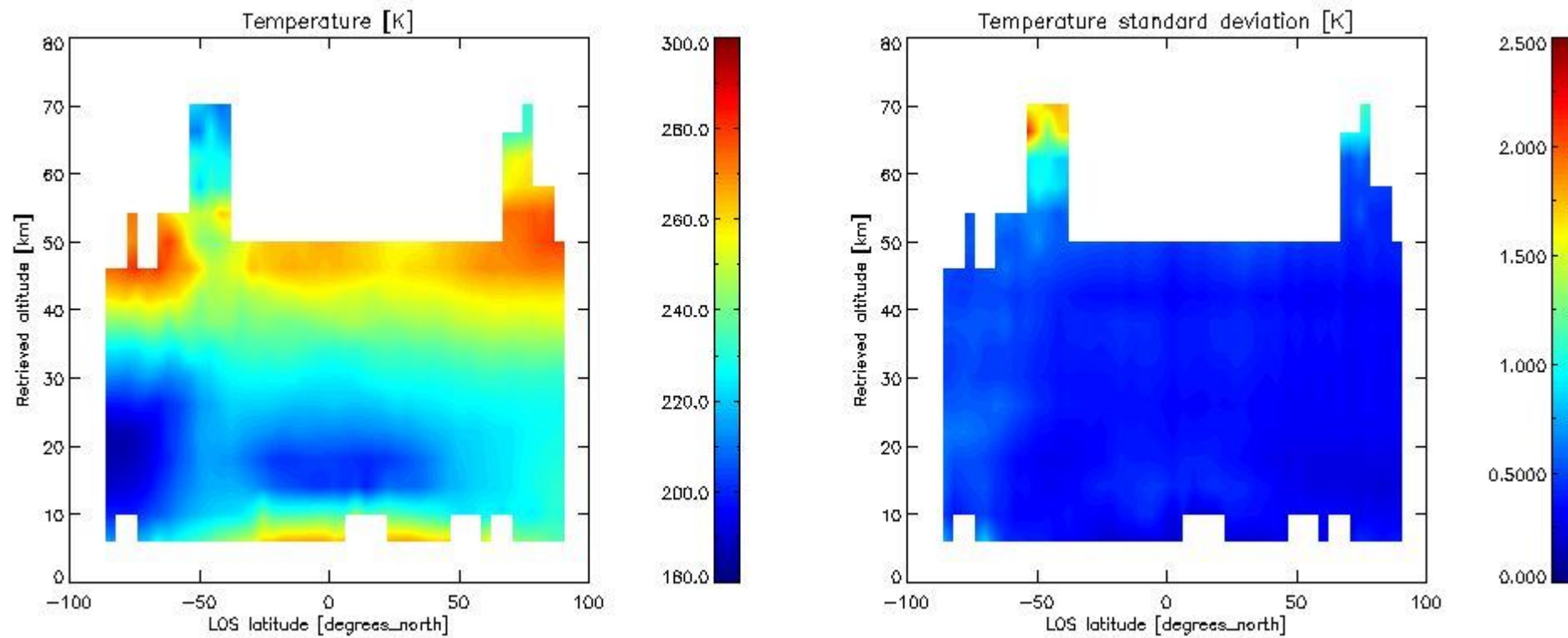
2.2.2 Pressure overview

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



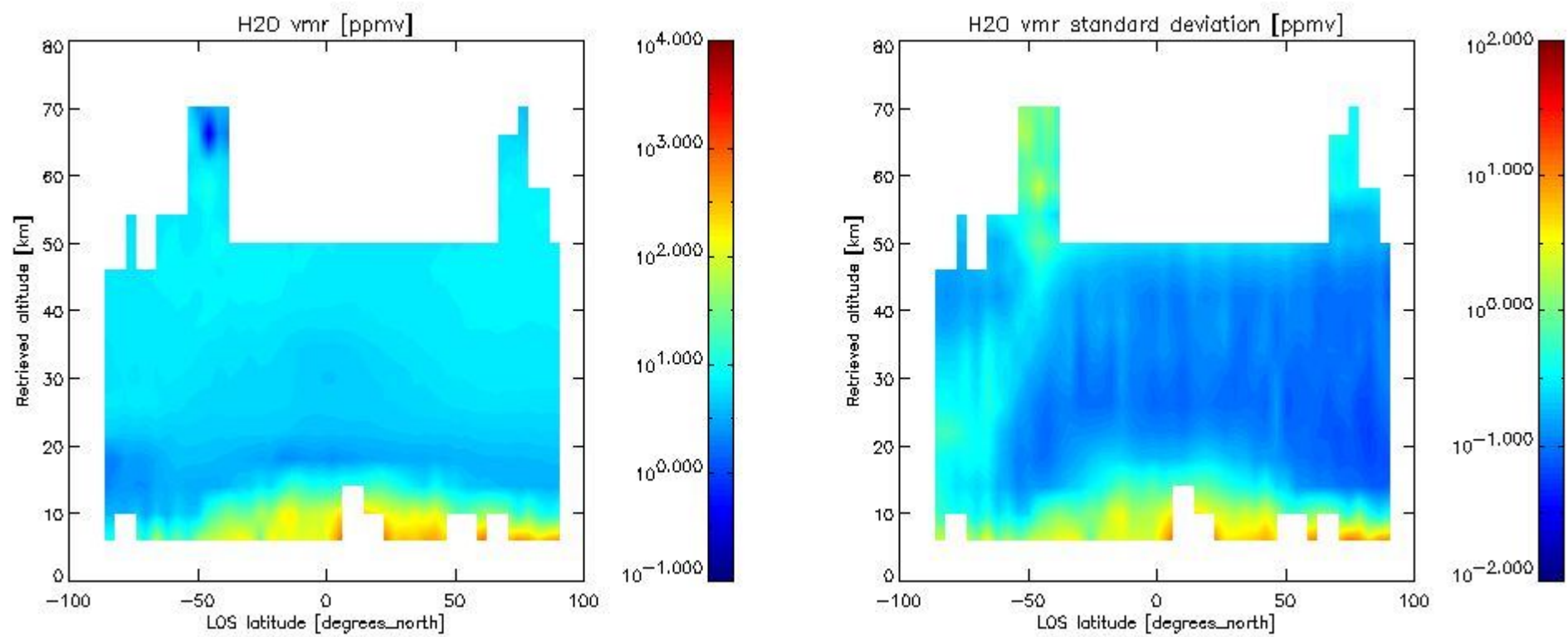
2.2.3 Temperature overview

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

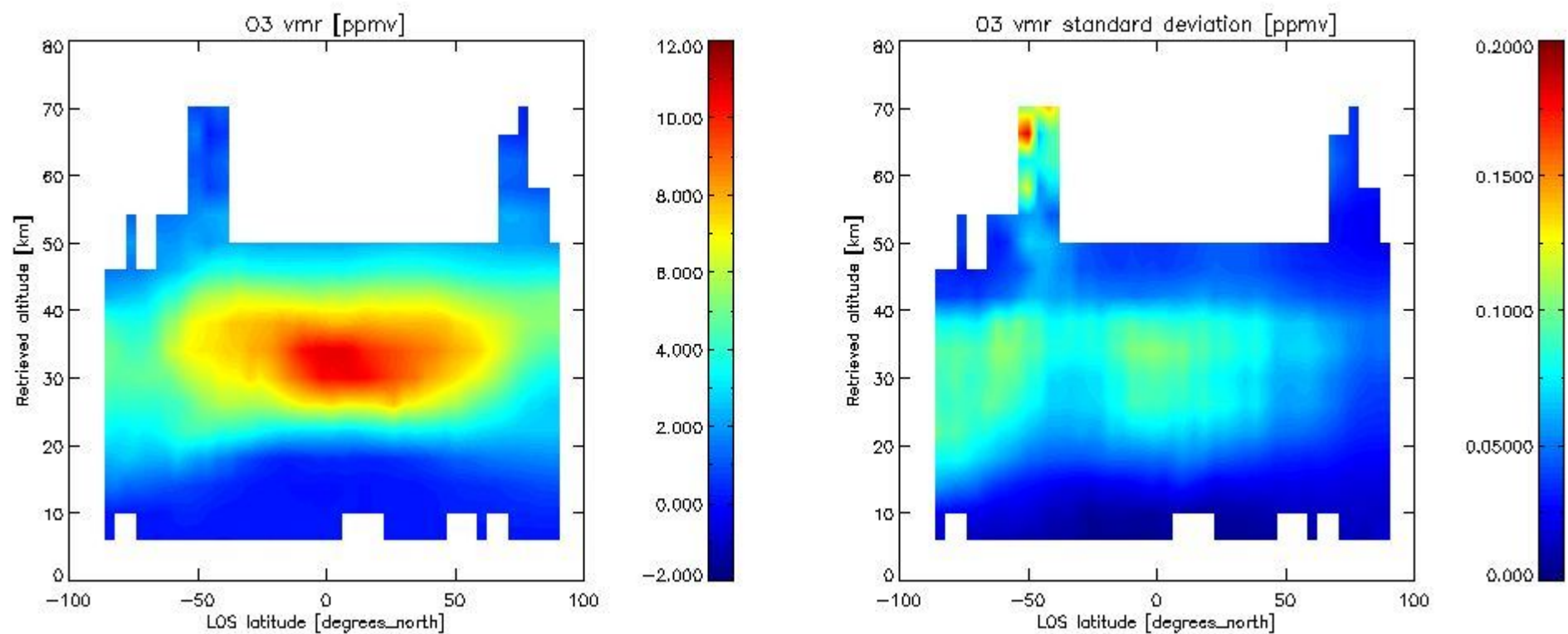


2.2.4 Species overview

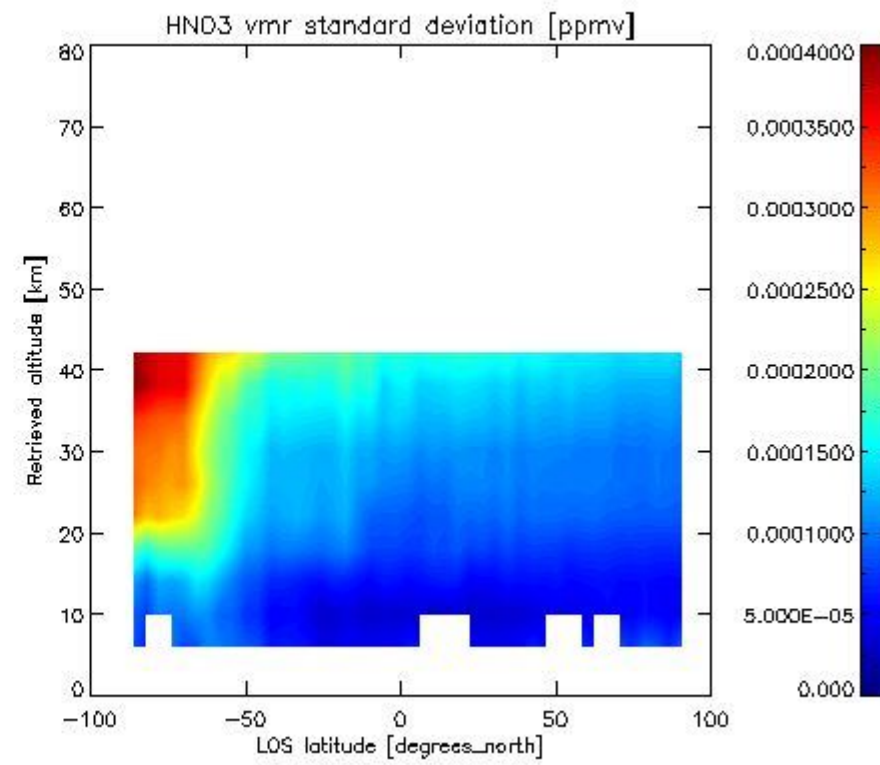
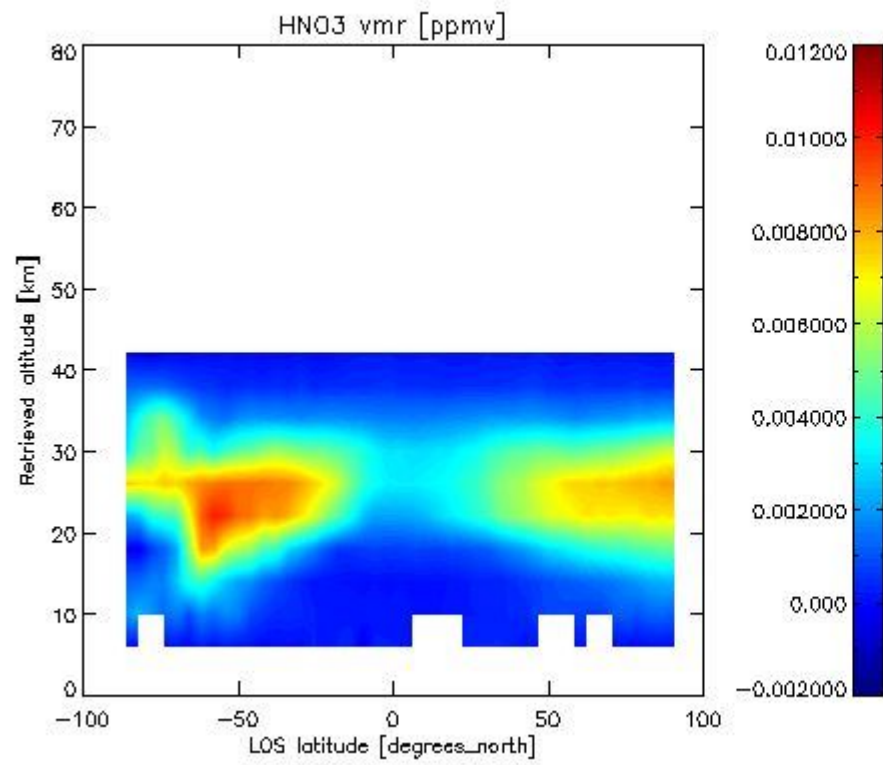
2.2.4.1 H₂O overview This section shows values (left) and error (right) for H₂O after binning individual sweep values over retrieved altitude and tangent latitude.



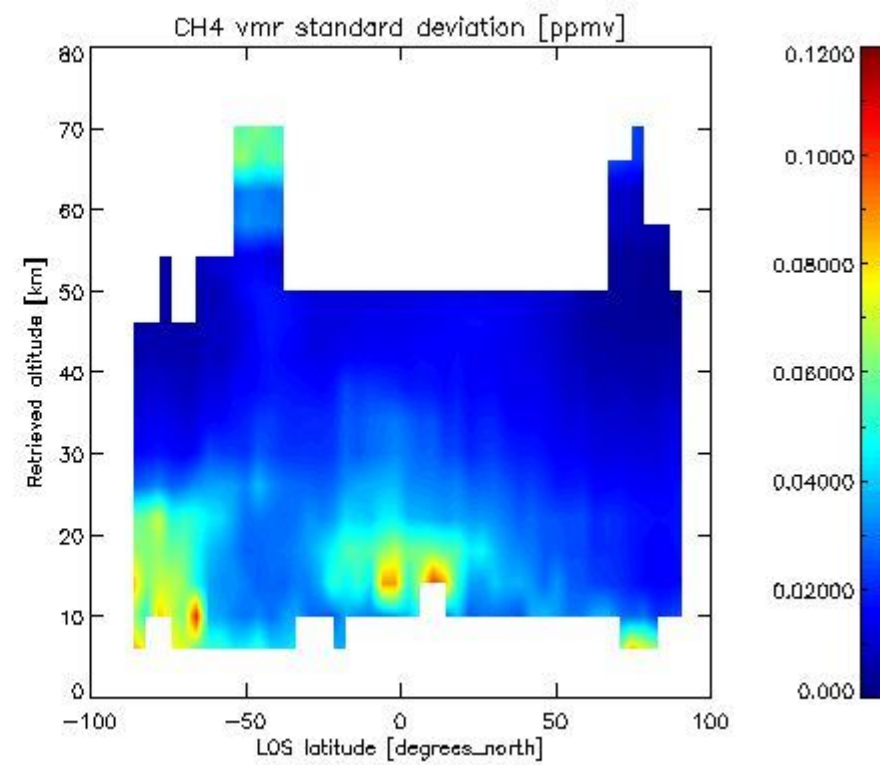
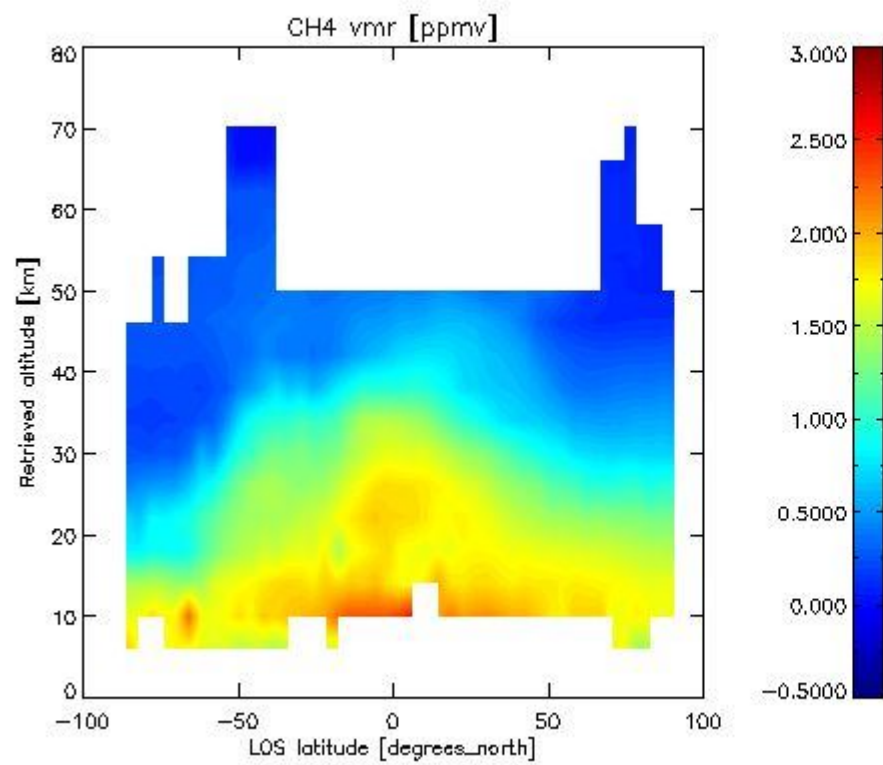
2.2.4.2 O₃ overview This section shows values (left) and error (right) for O₃ after binning individual sweep values over retrieved altitude and tangent latitude.



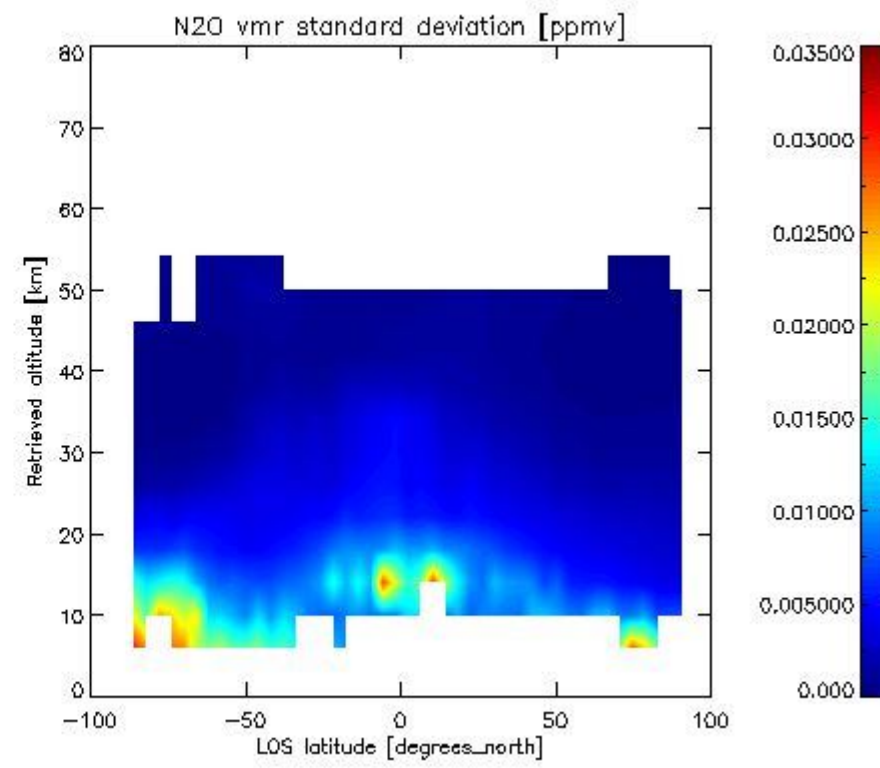
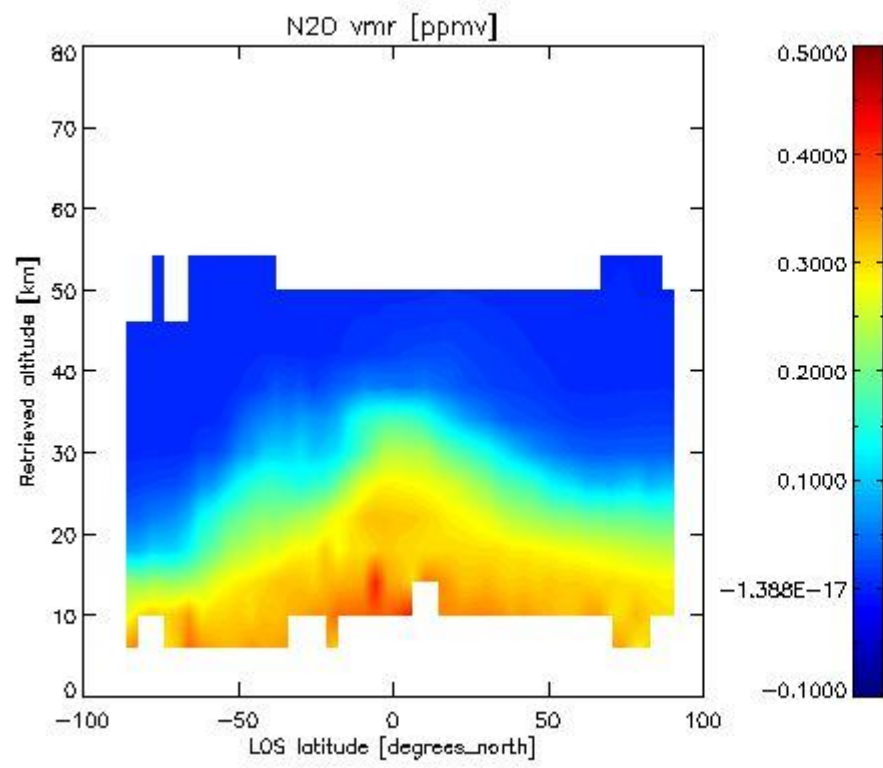
2.2.4.3 HNO₃ overview This section shows values (left) and error (right) for HNO₃ after binning individual sweep values over retrieved altitude and tangent latitude.



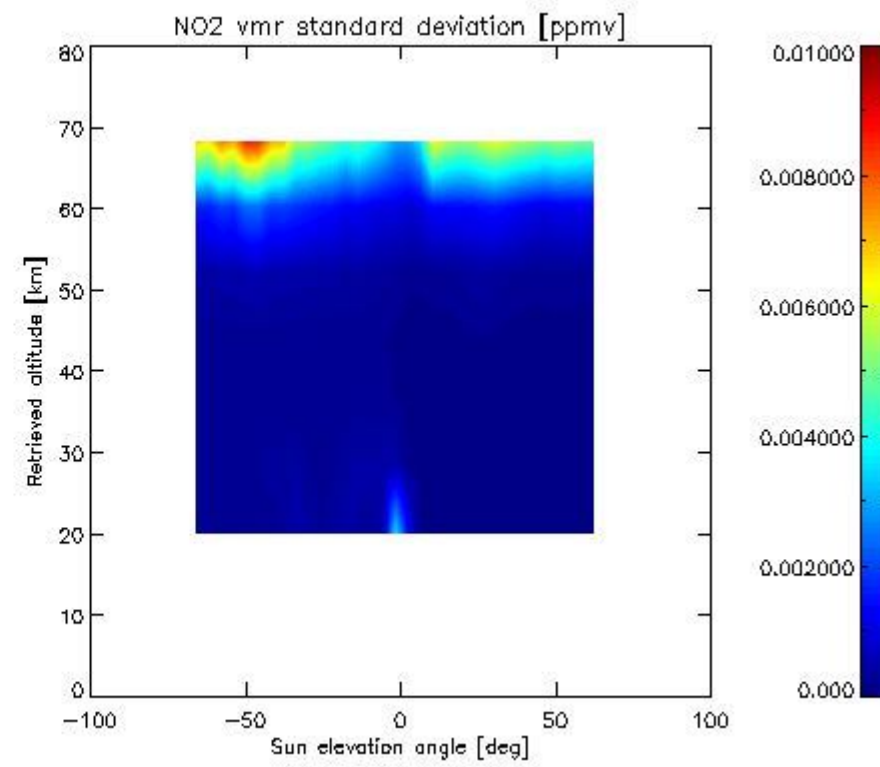
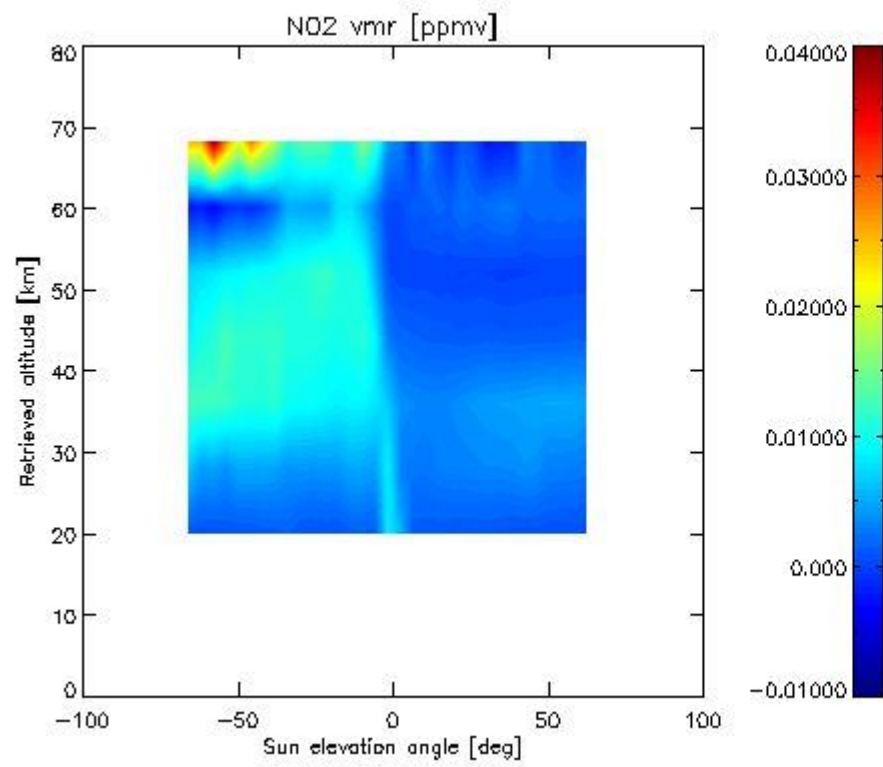
2.2.4.4 CH4 overview This section shows values (left) and error (right) for CH4 after binning individual sweep values over retrieved altitude and tangent latitude.



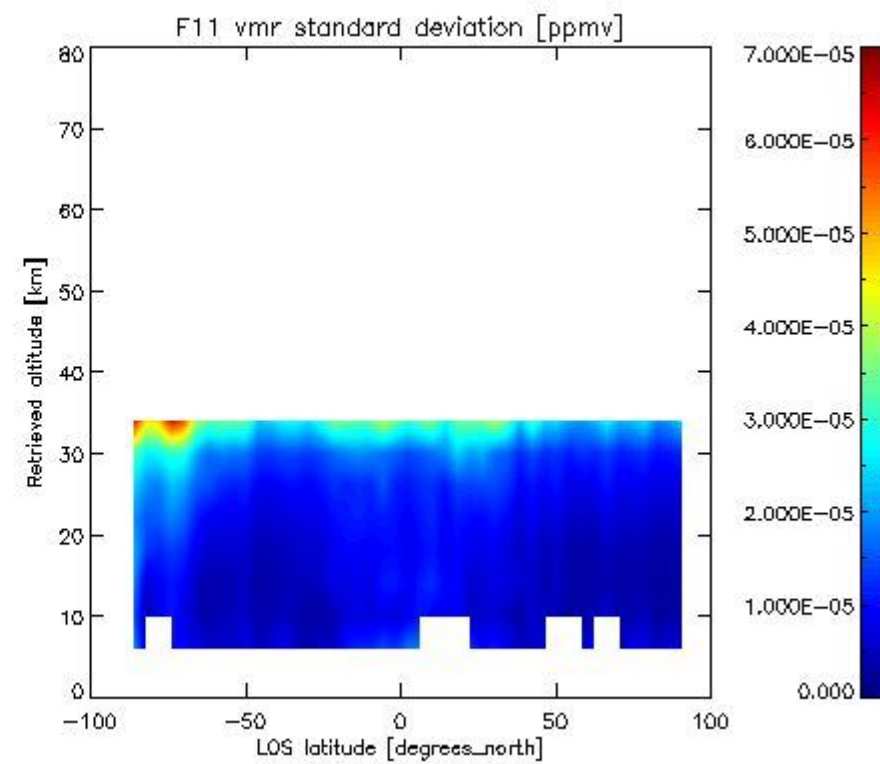
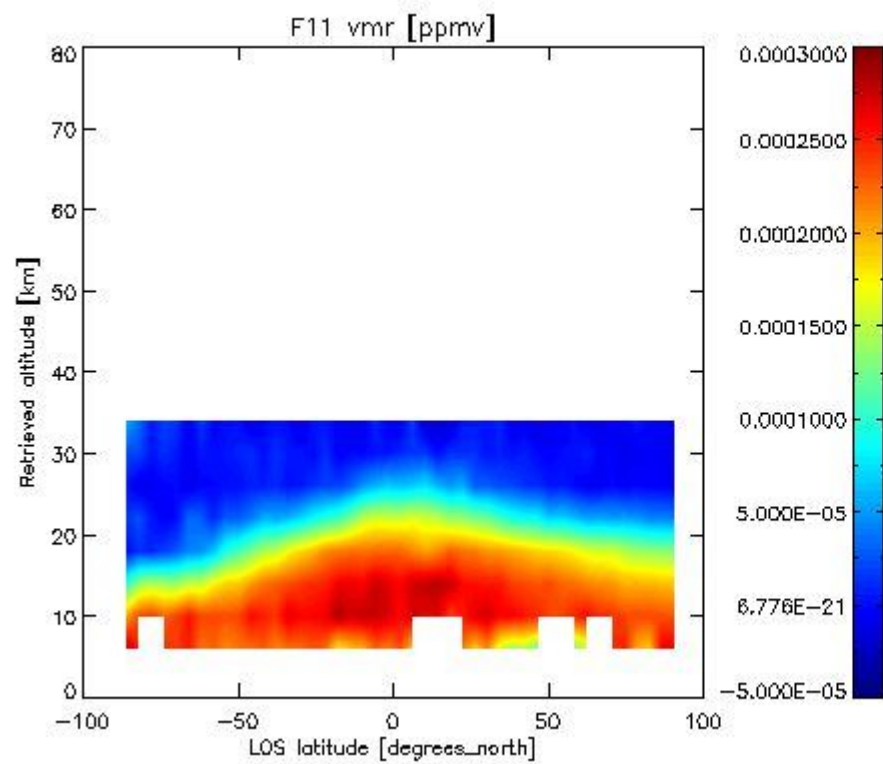
2.2.4.5 N2O overview This section shows values (left) and error (right) for N2O after binning individual sweep values over retrieved altitude and tangent latitude.



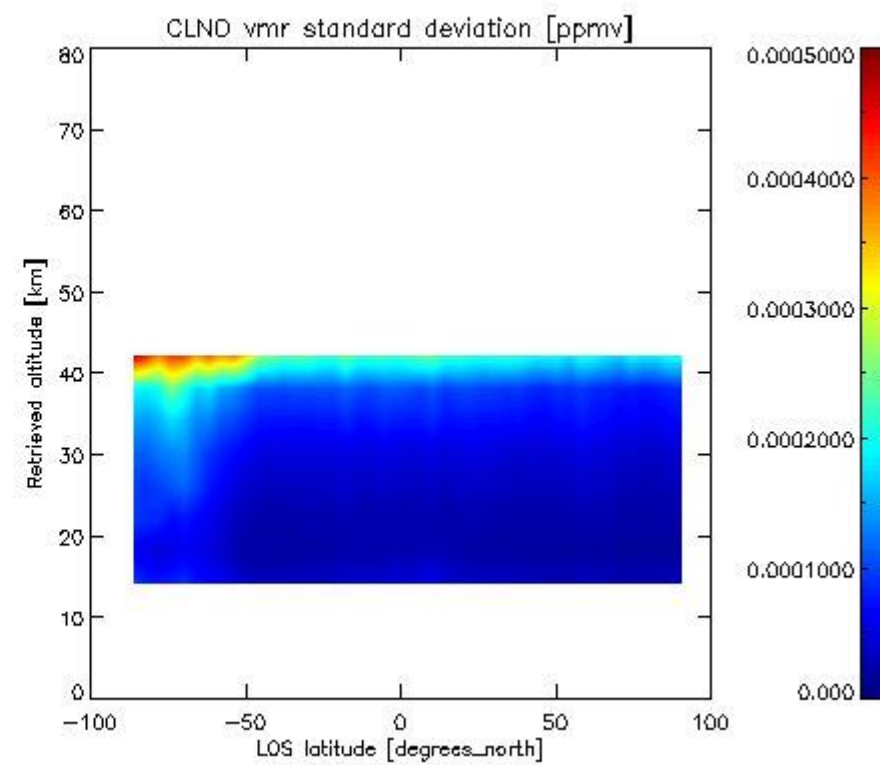
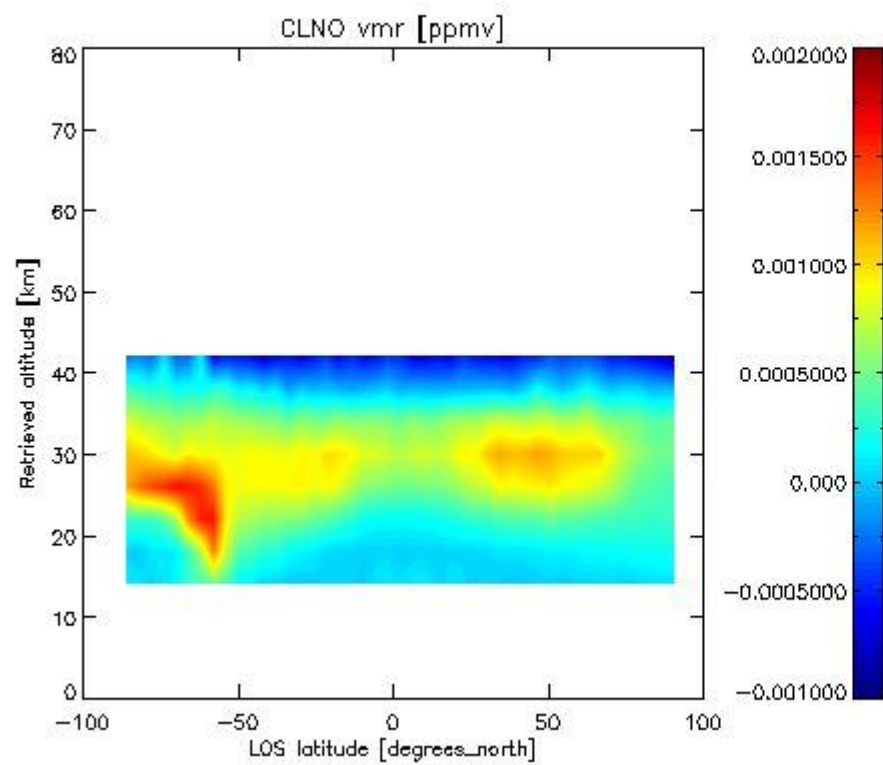
2.2.4.6 NO₂ overview This section shows values (left) and error (right) for NO₂ after binning individual sweep values over retrieved altitude and Sun Elevation Angle. Note that for NO₂ the bin heights are 6 km.

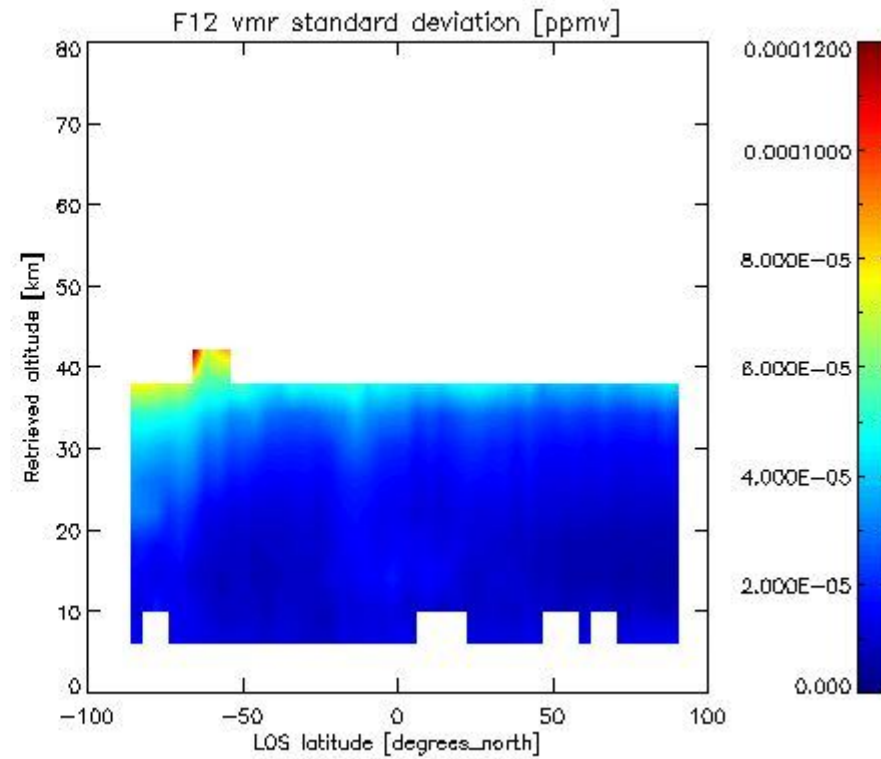
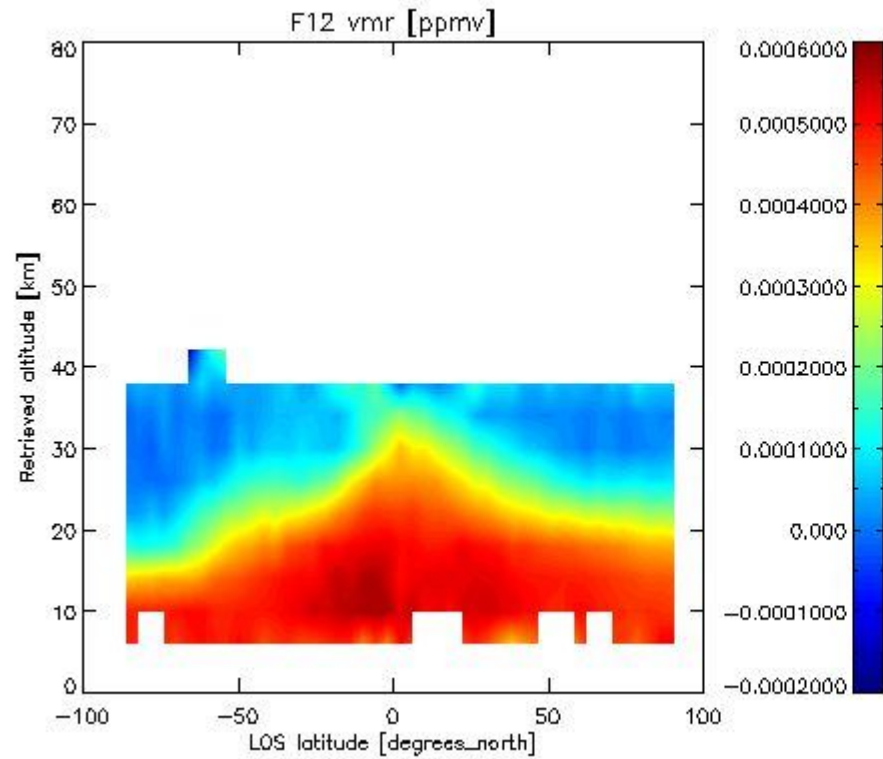
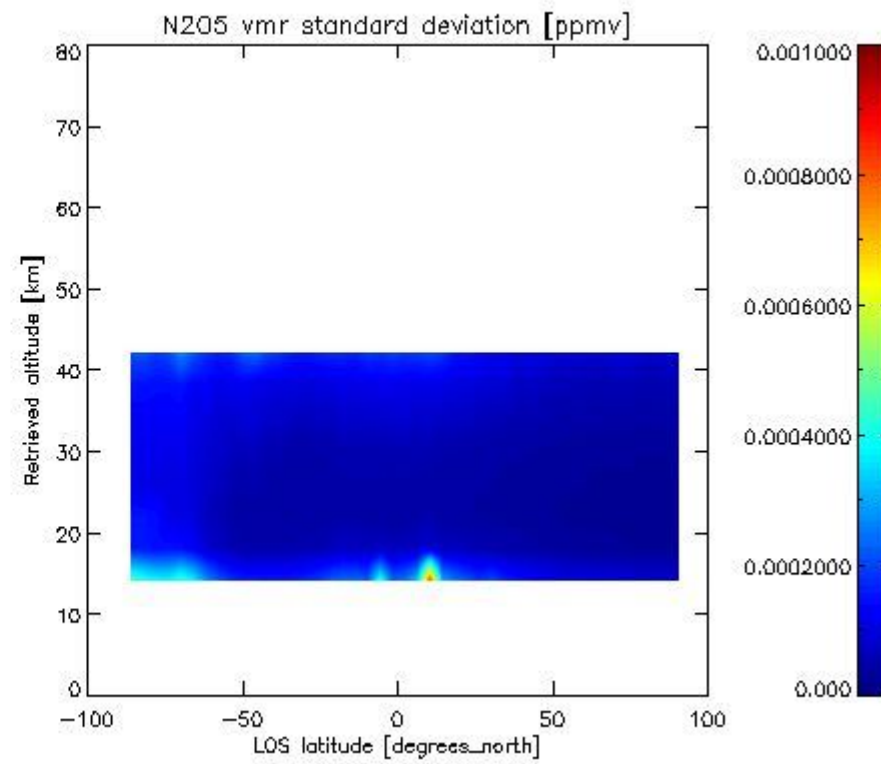
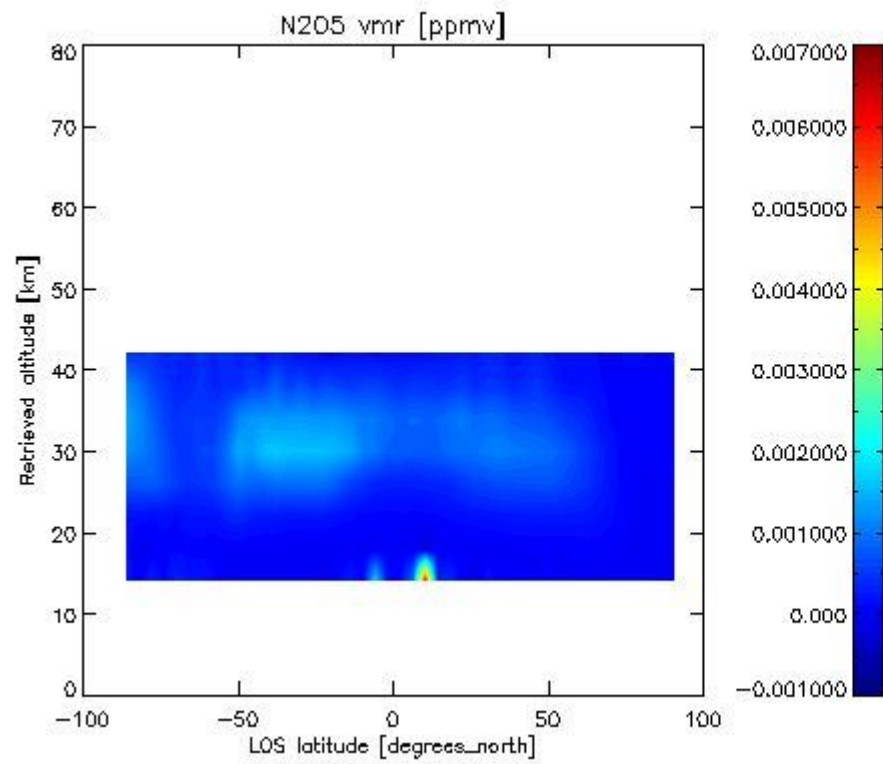


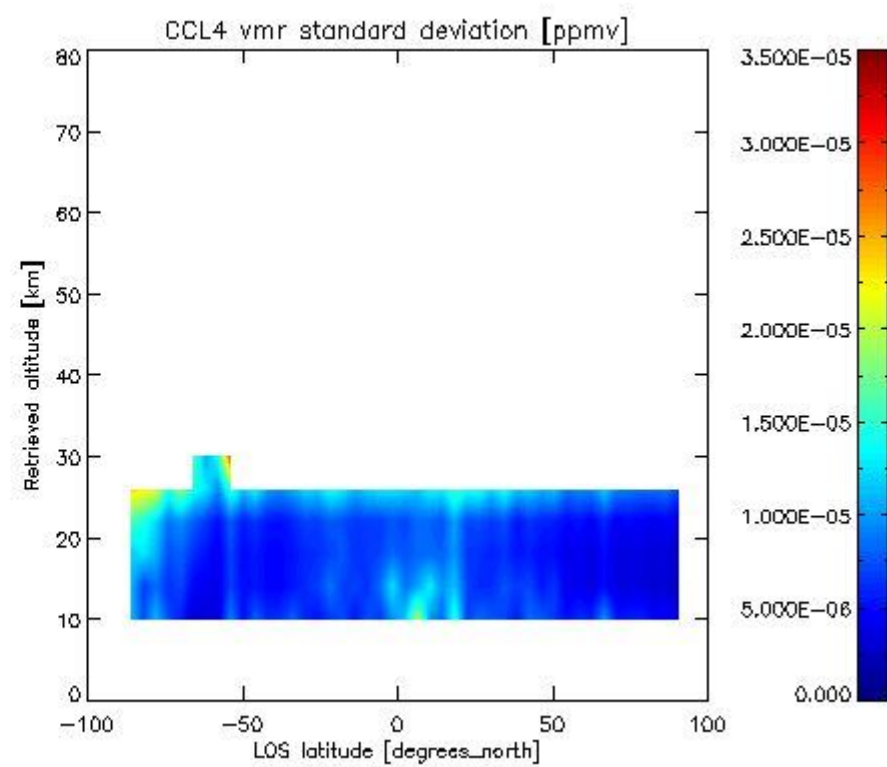
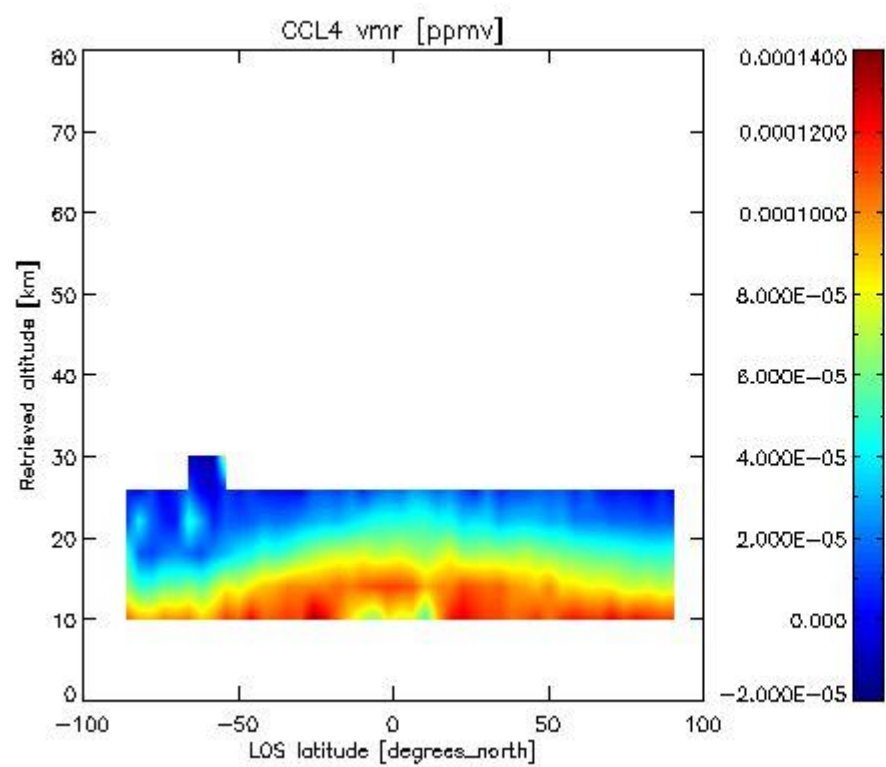
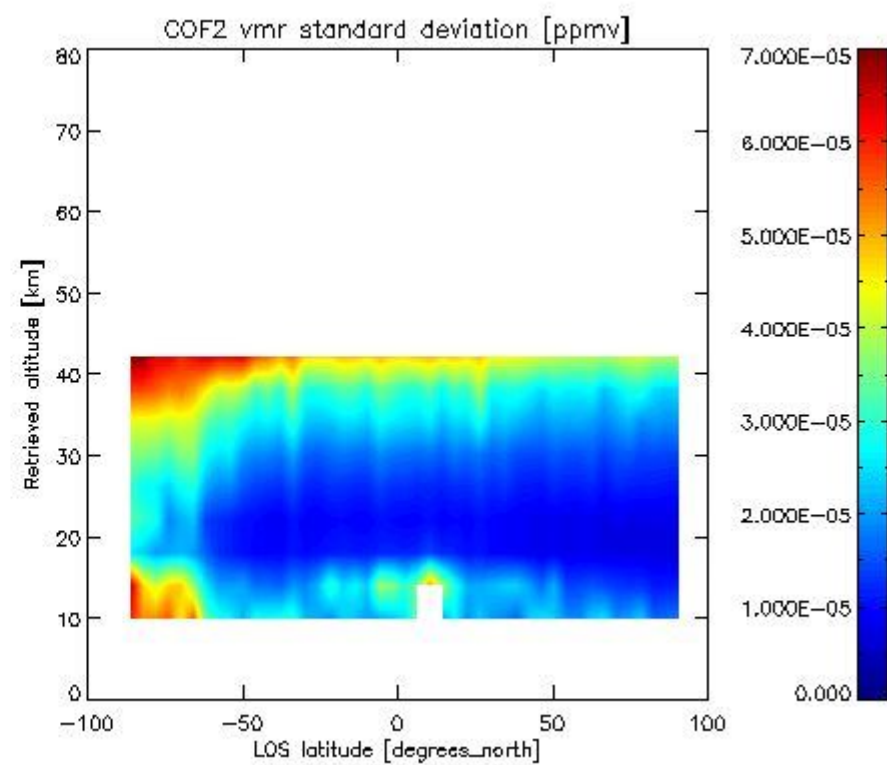
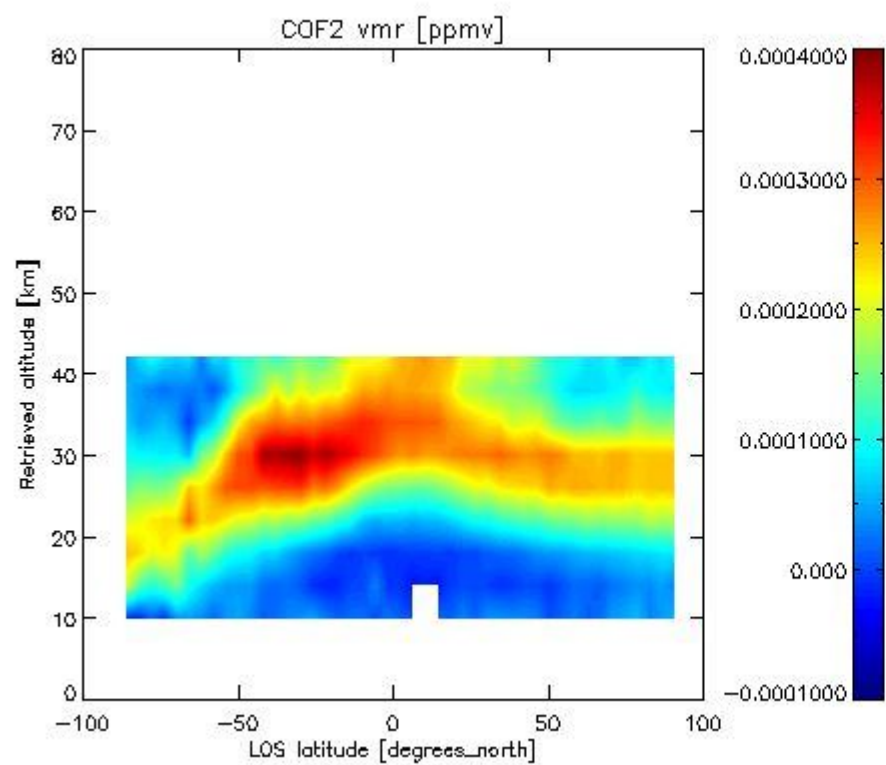
2.2.4.7 F11 overview This section shows values (left) and error (right) for F11 after binning individual sweep values over retrieved altitude and tangent latitude.

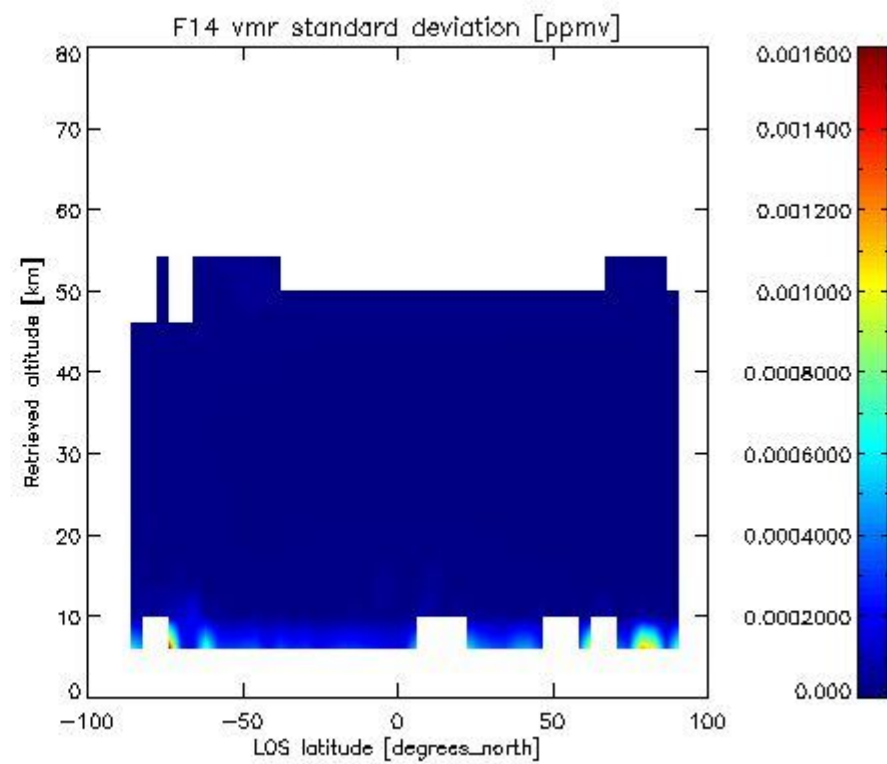
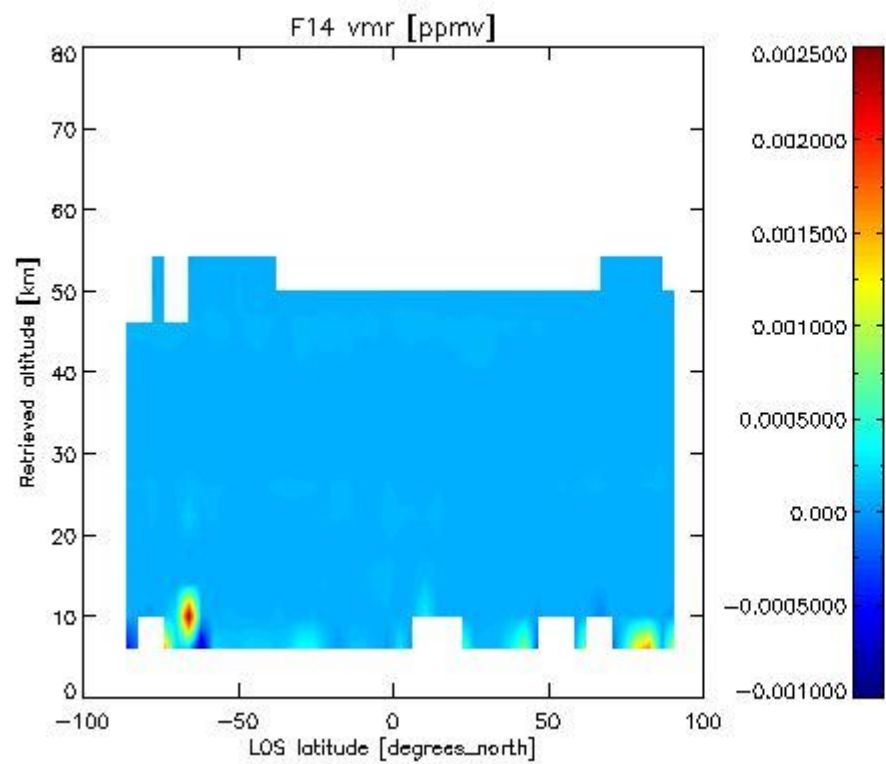
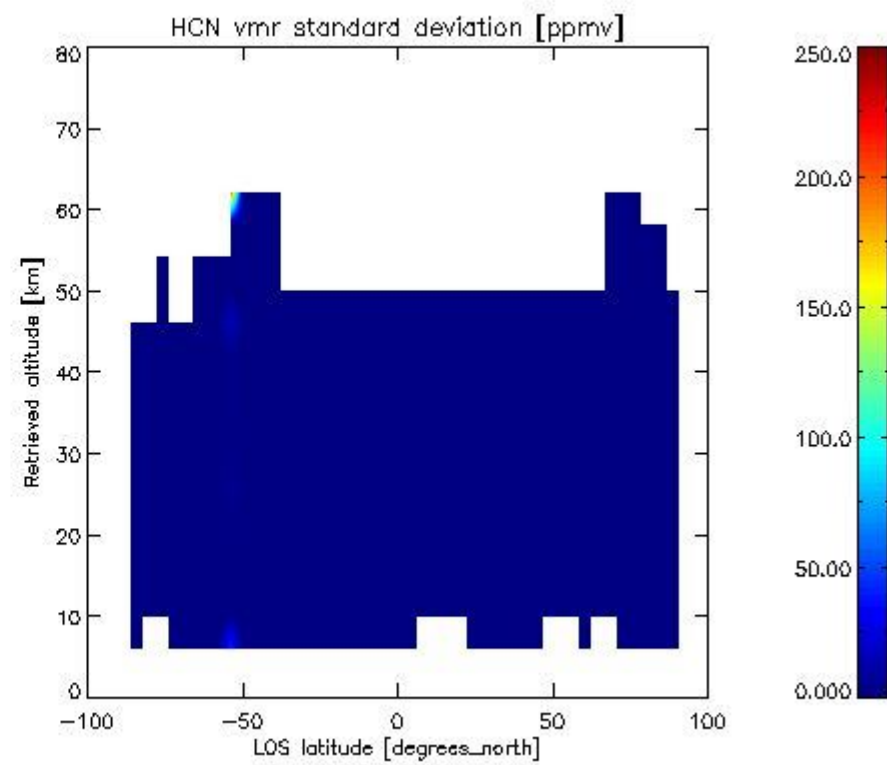
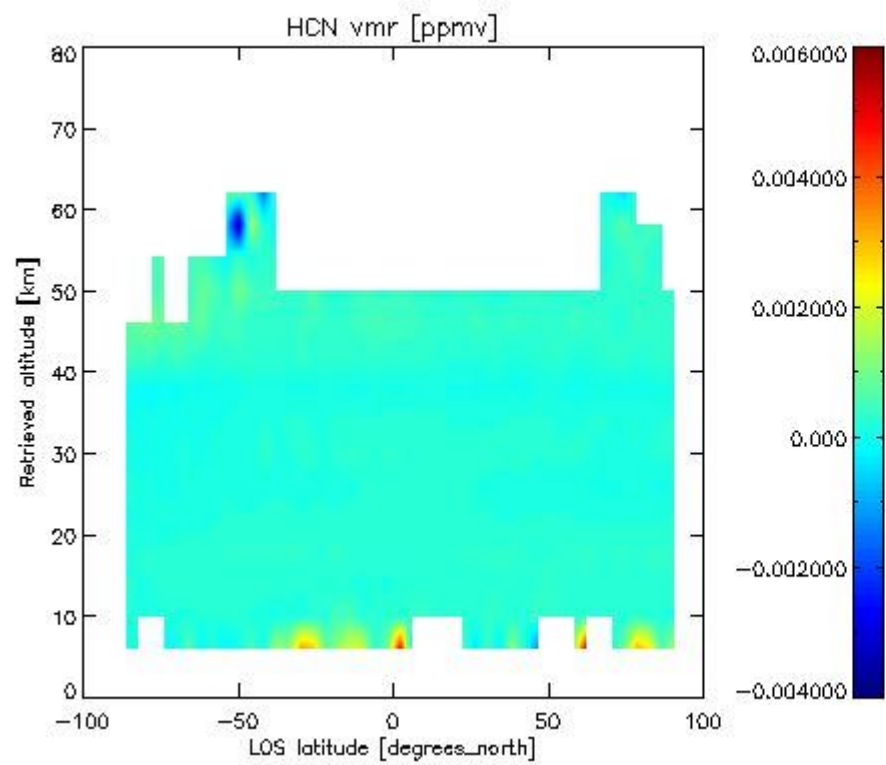


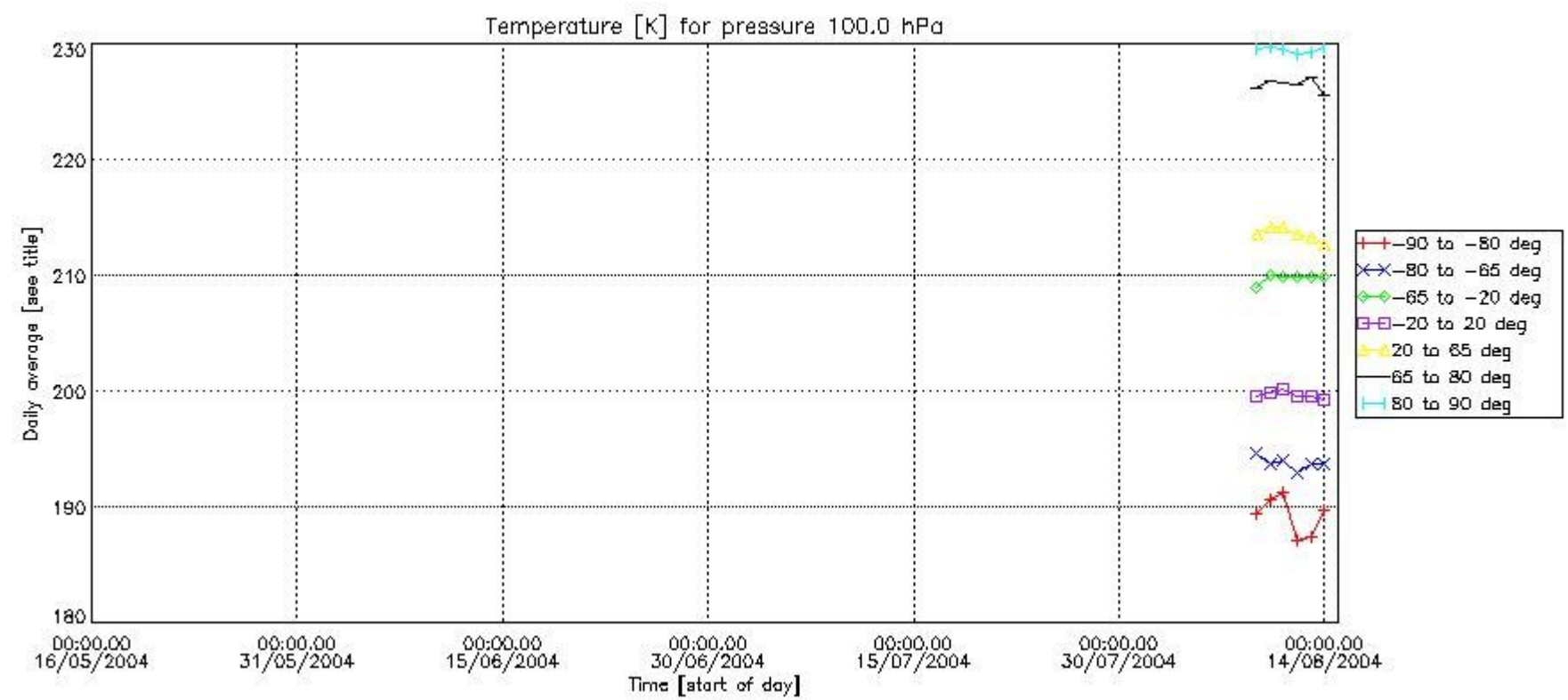
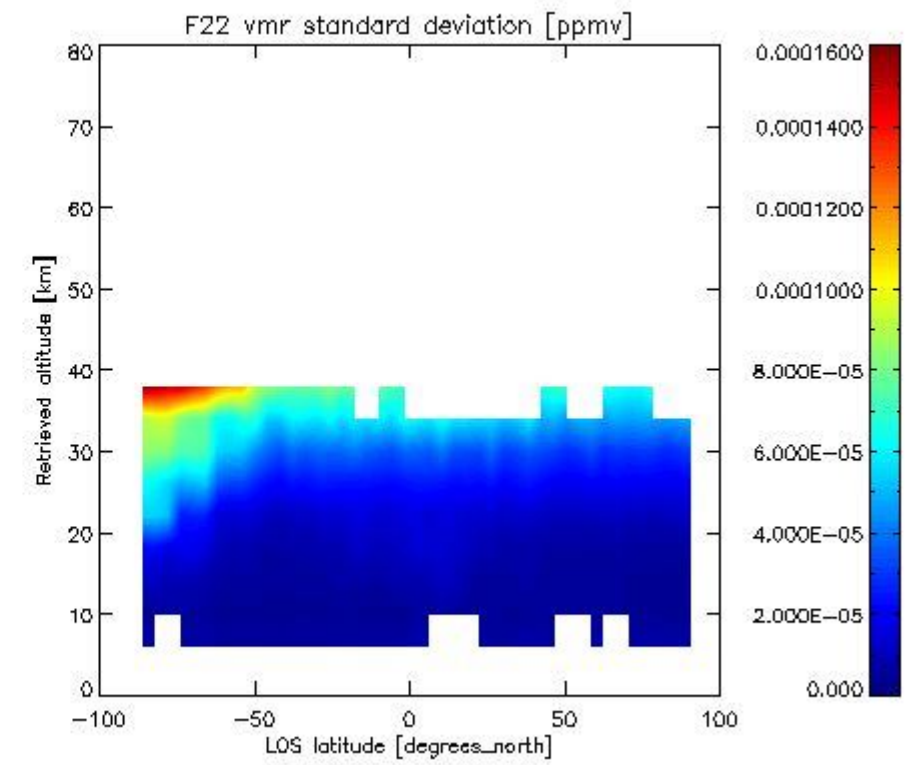
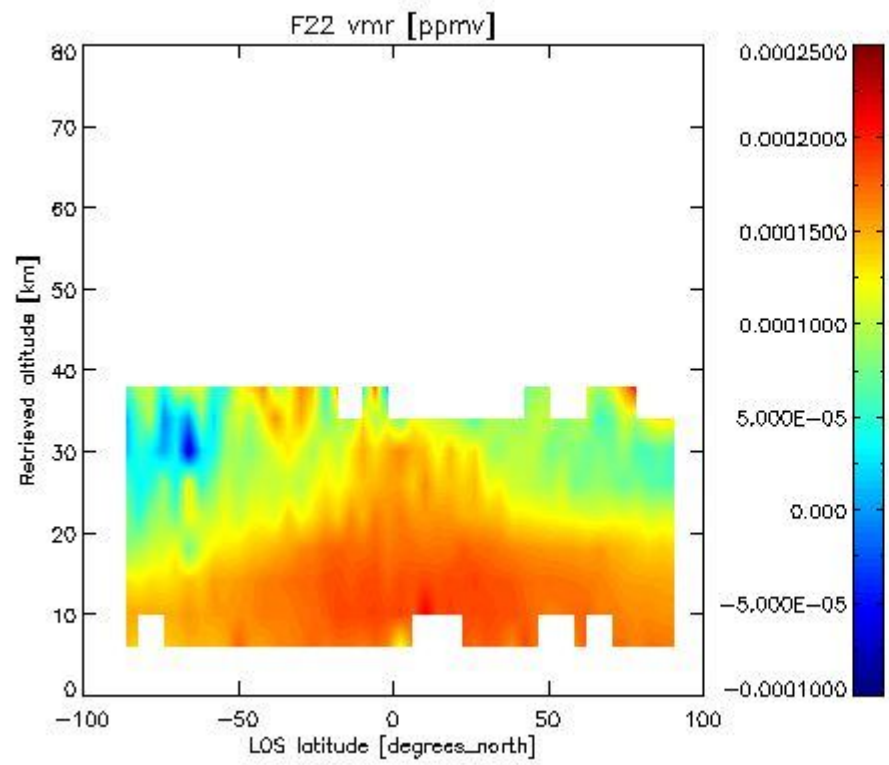
2.3.4 CLNO overview This section shows values (left) and error (right) for CLNO after binning individual sweep values over retrieved altitude and target latitude.

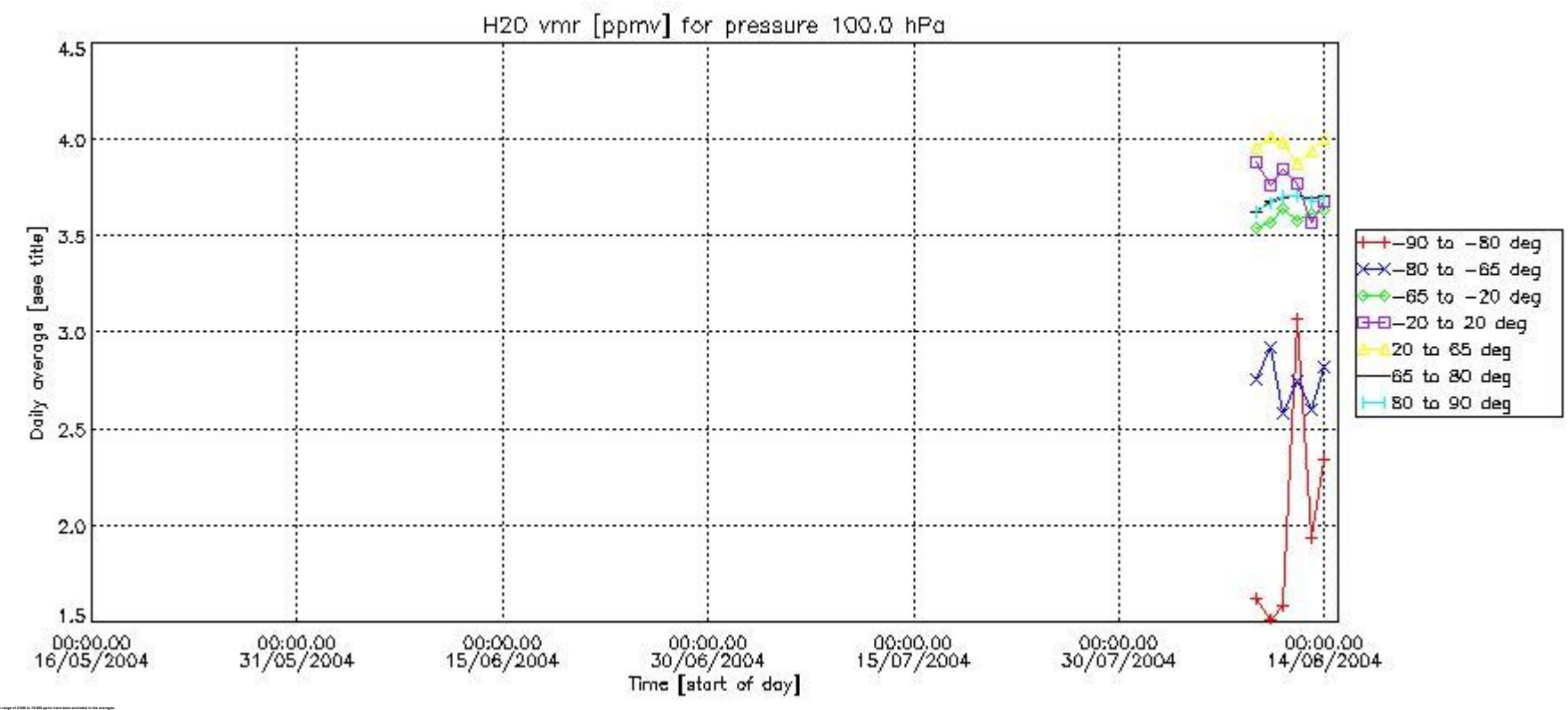
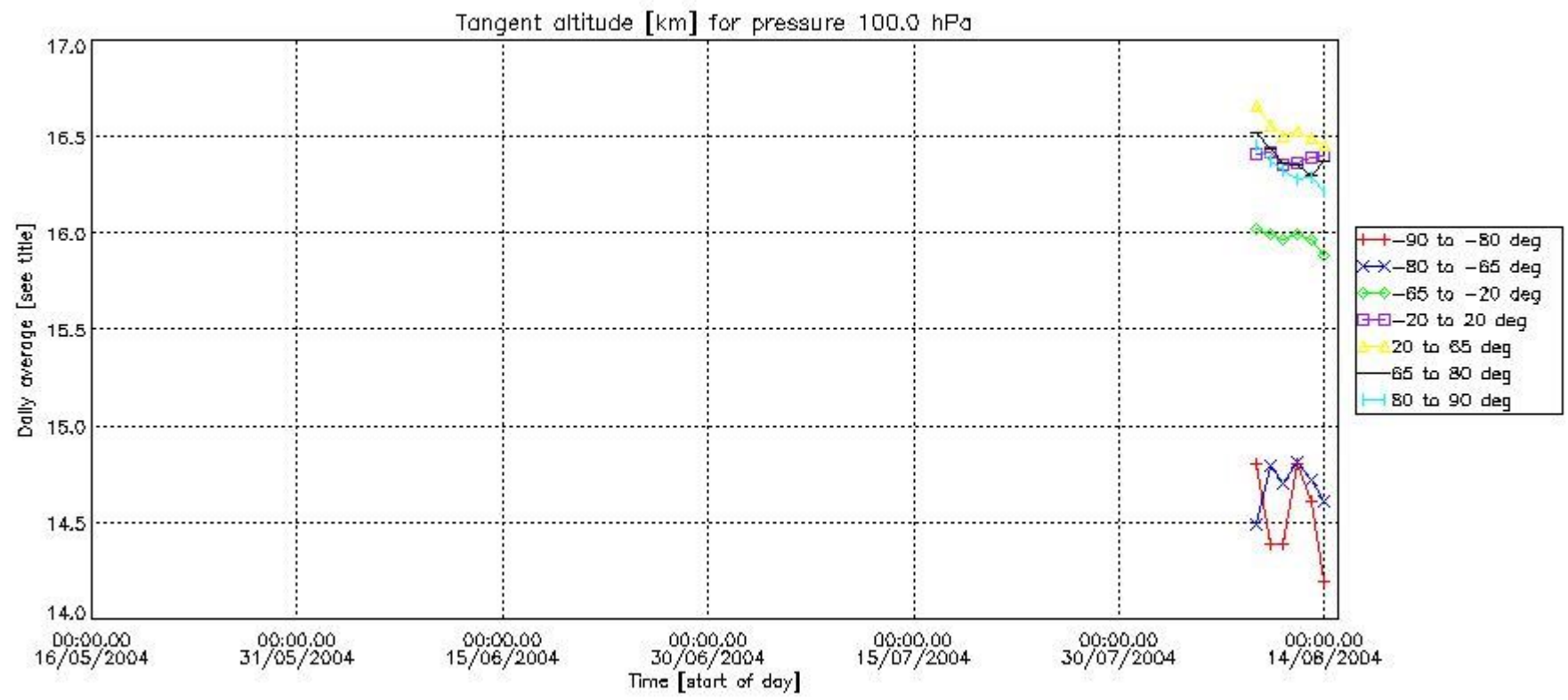


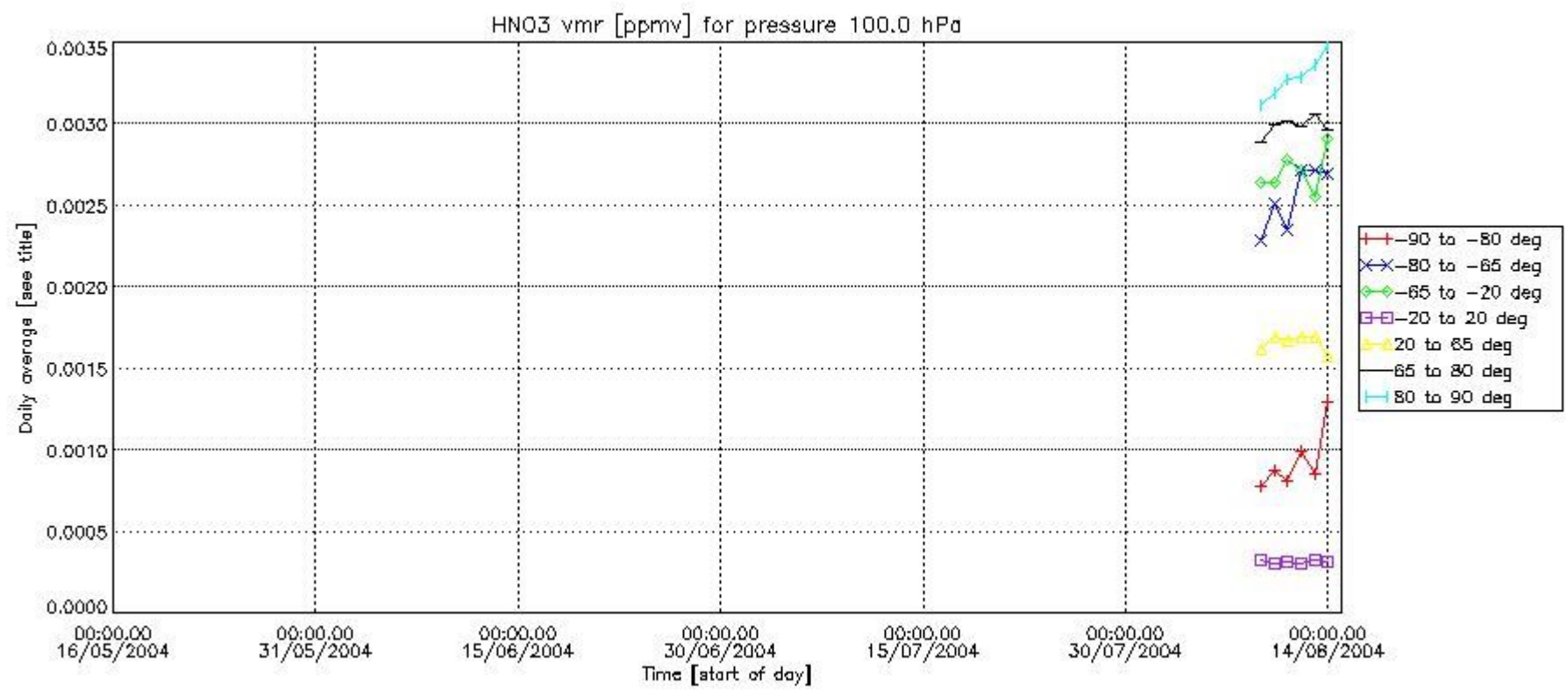
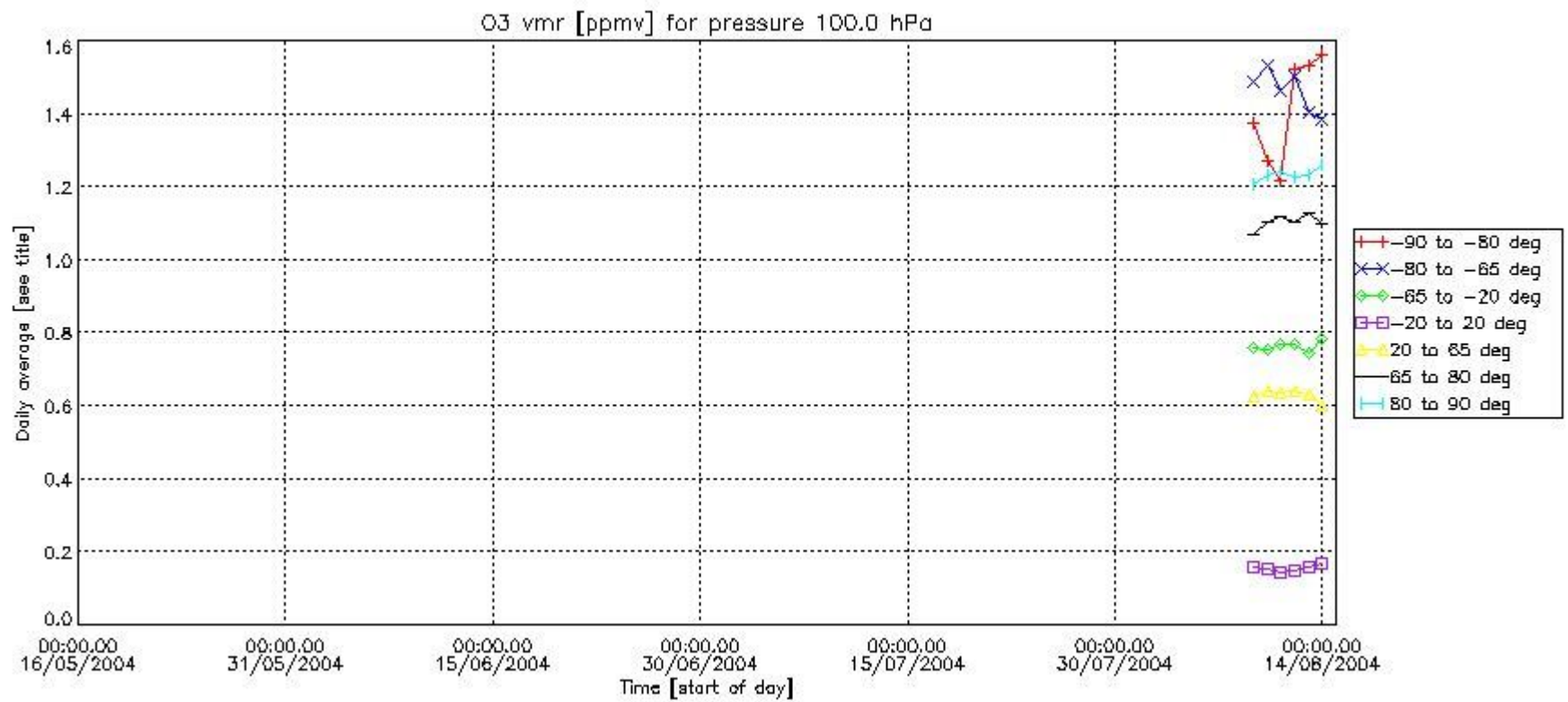


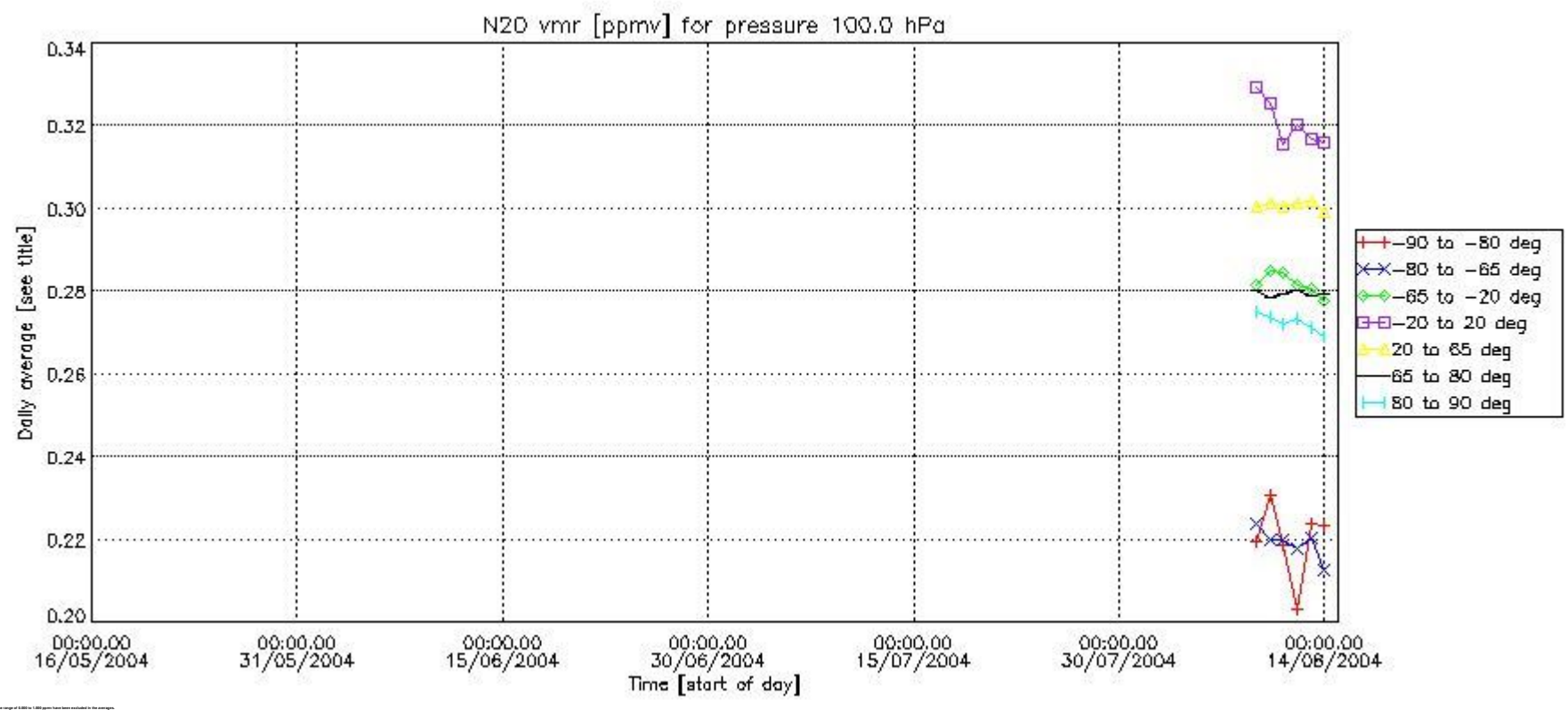
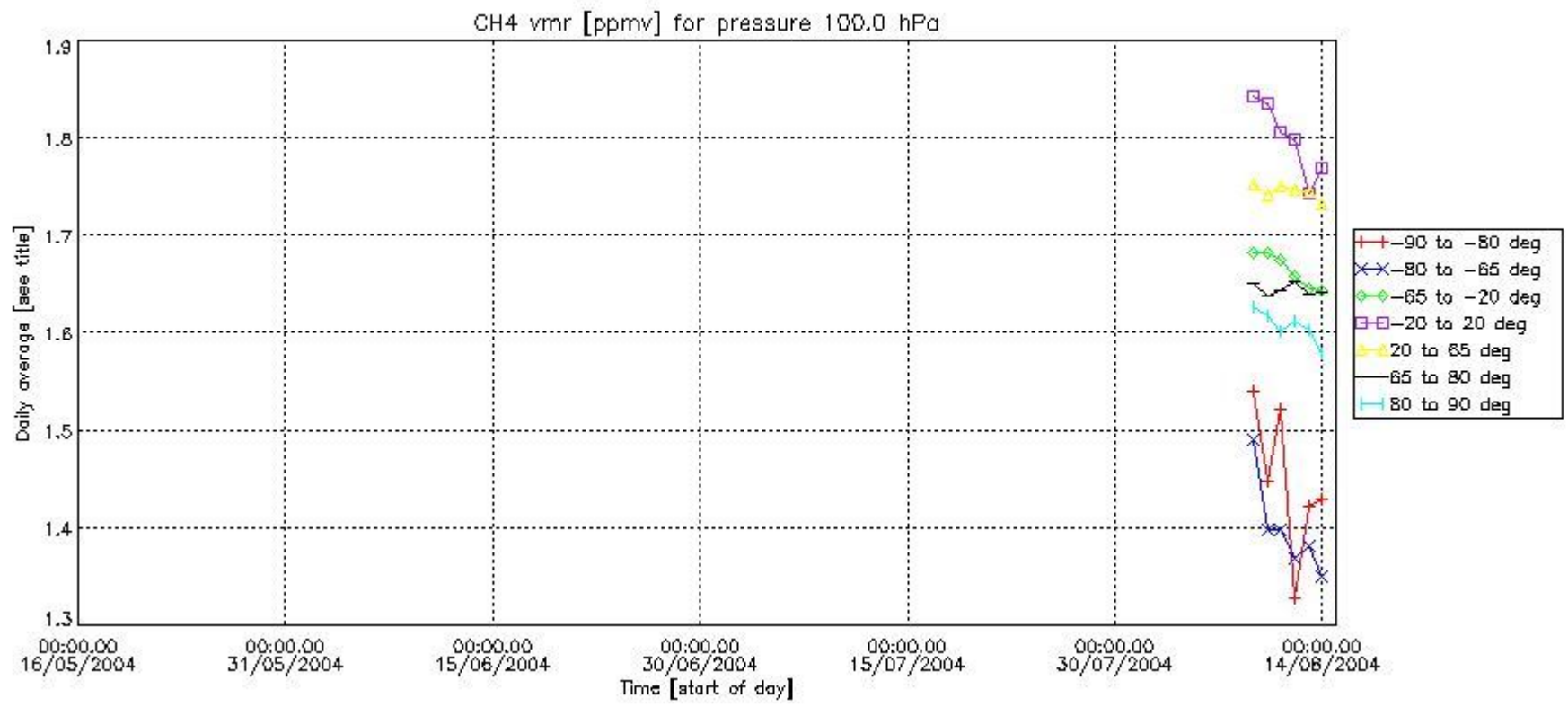


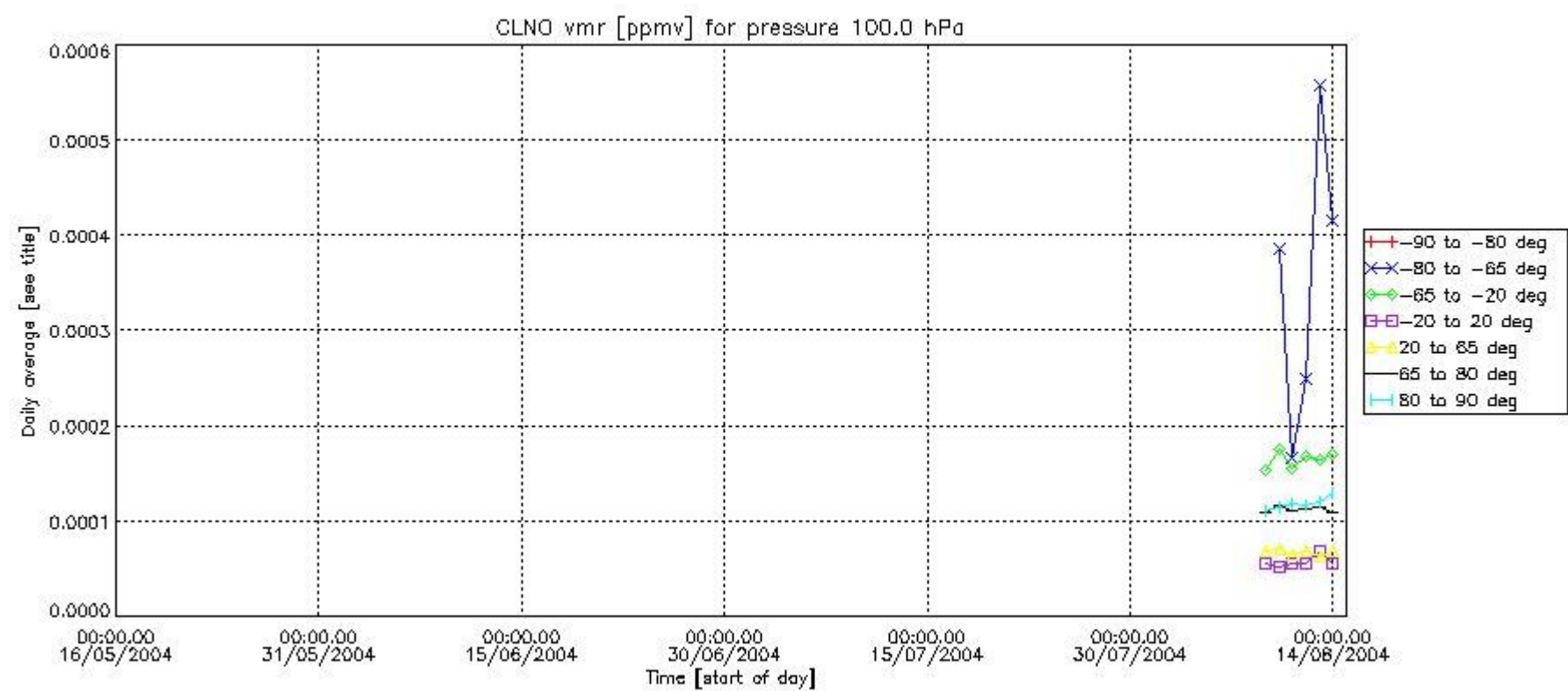
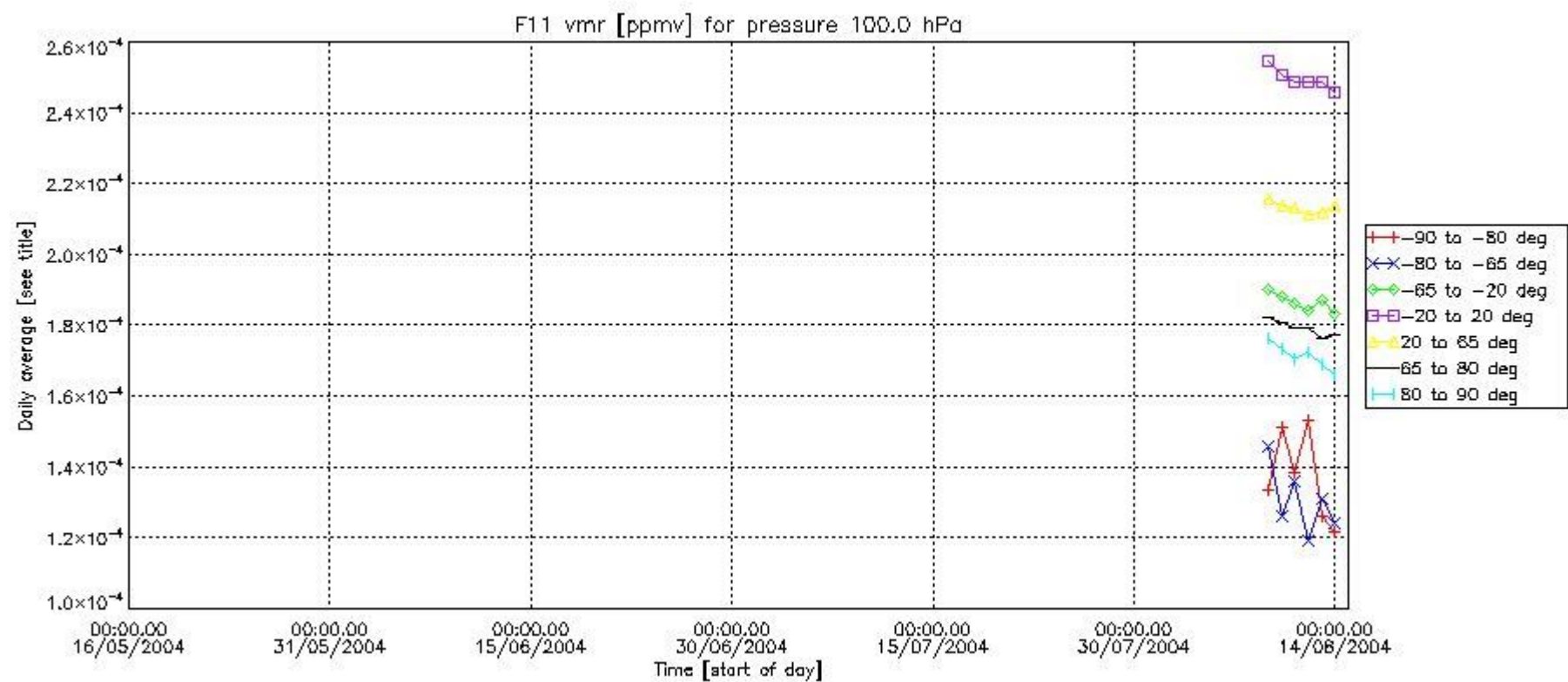


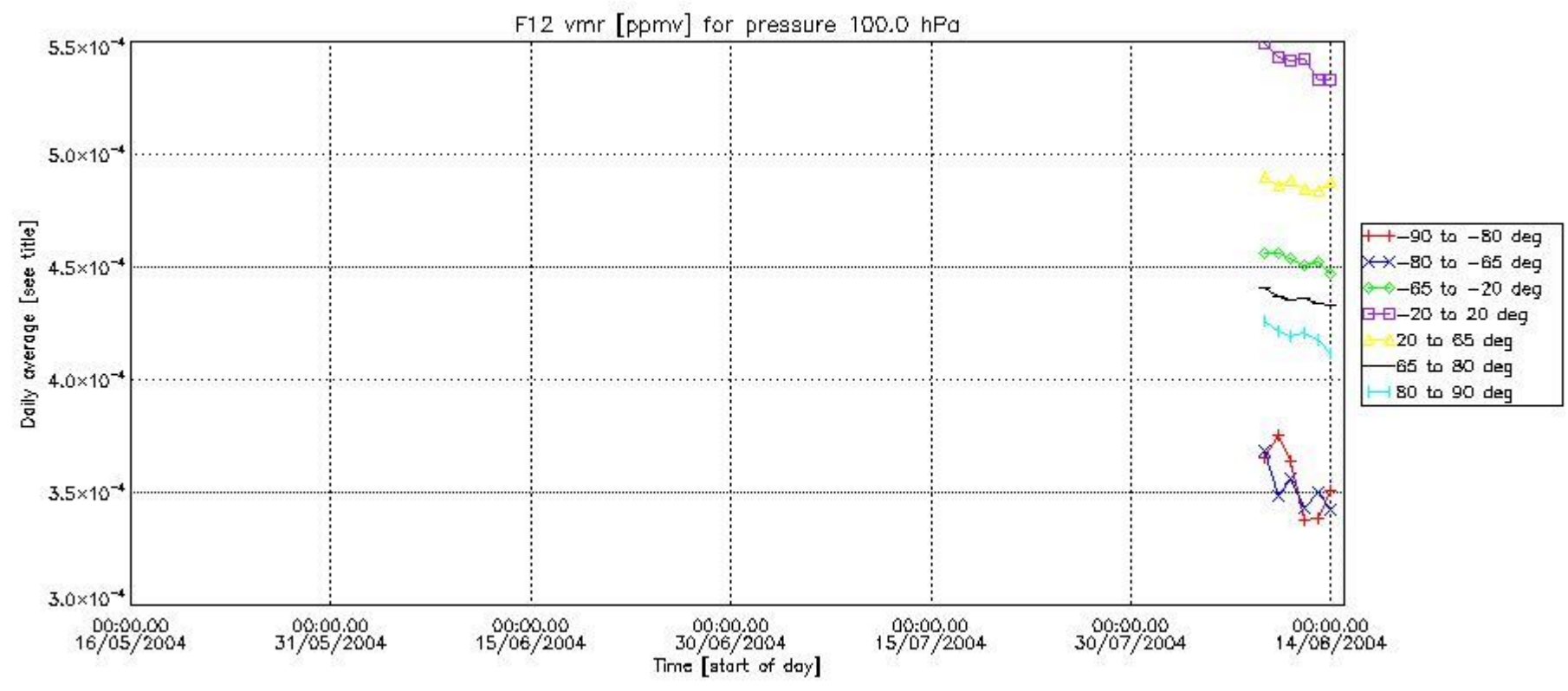
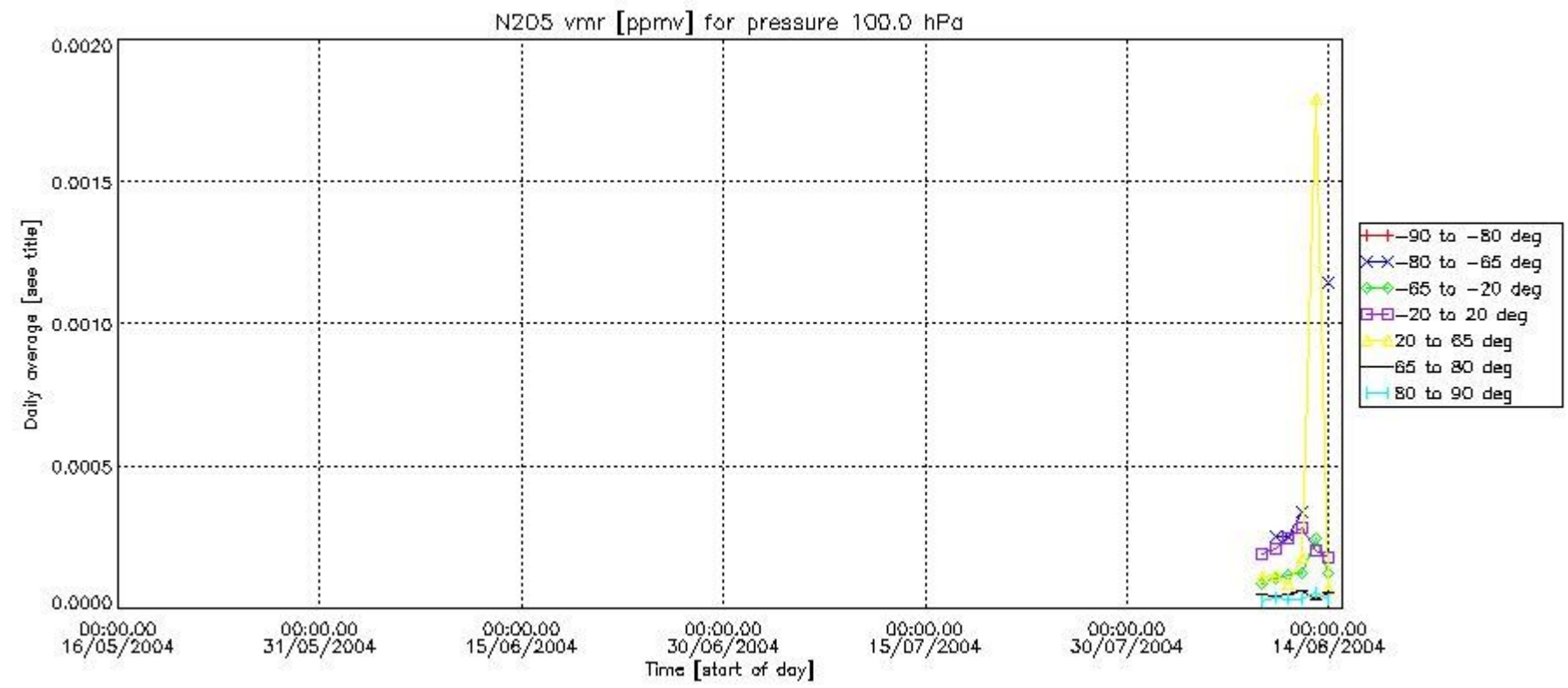


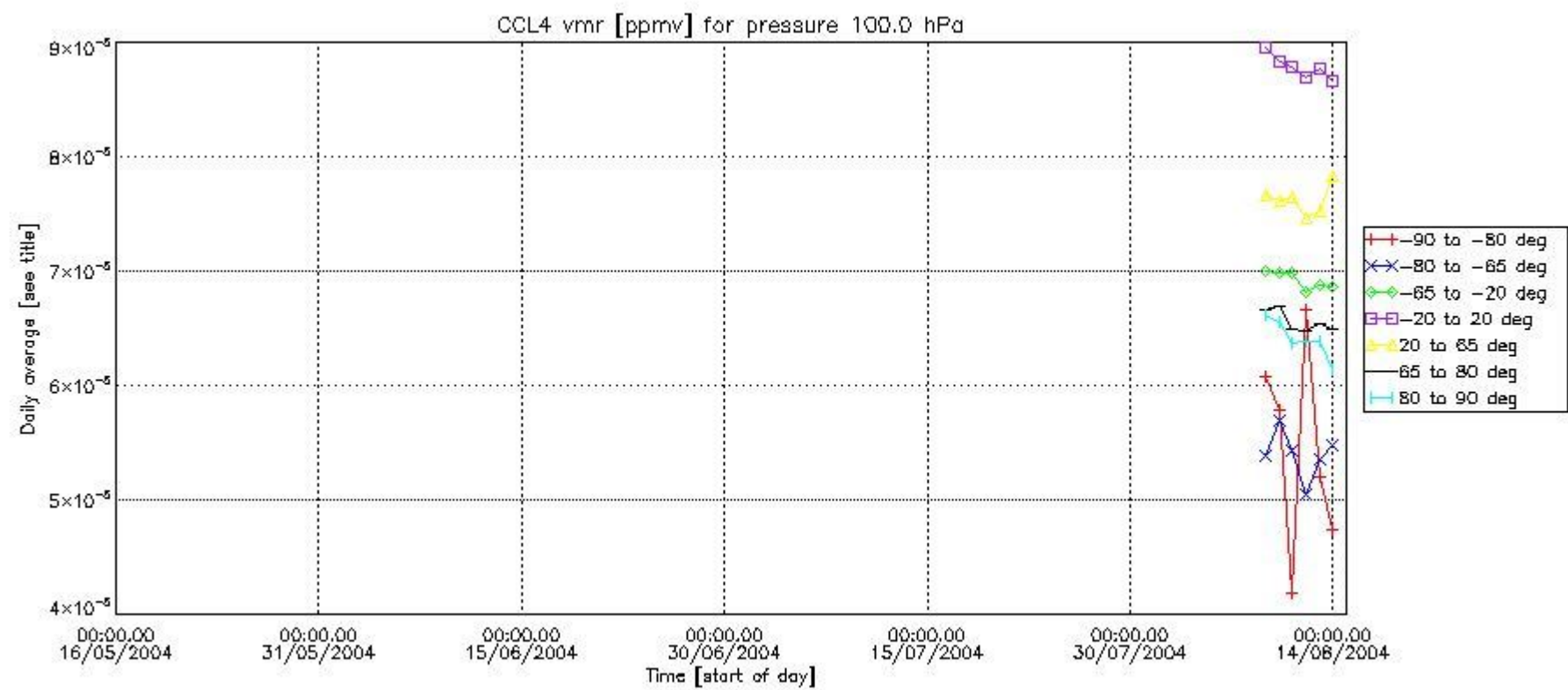
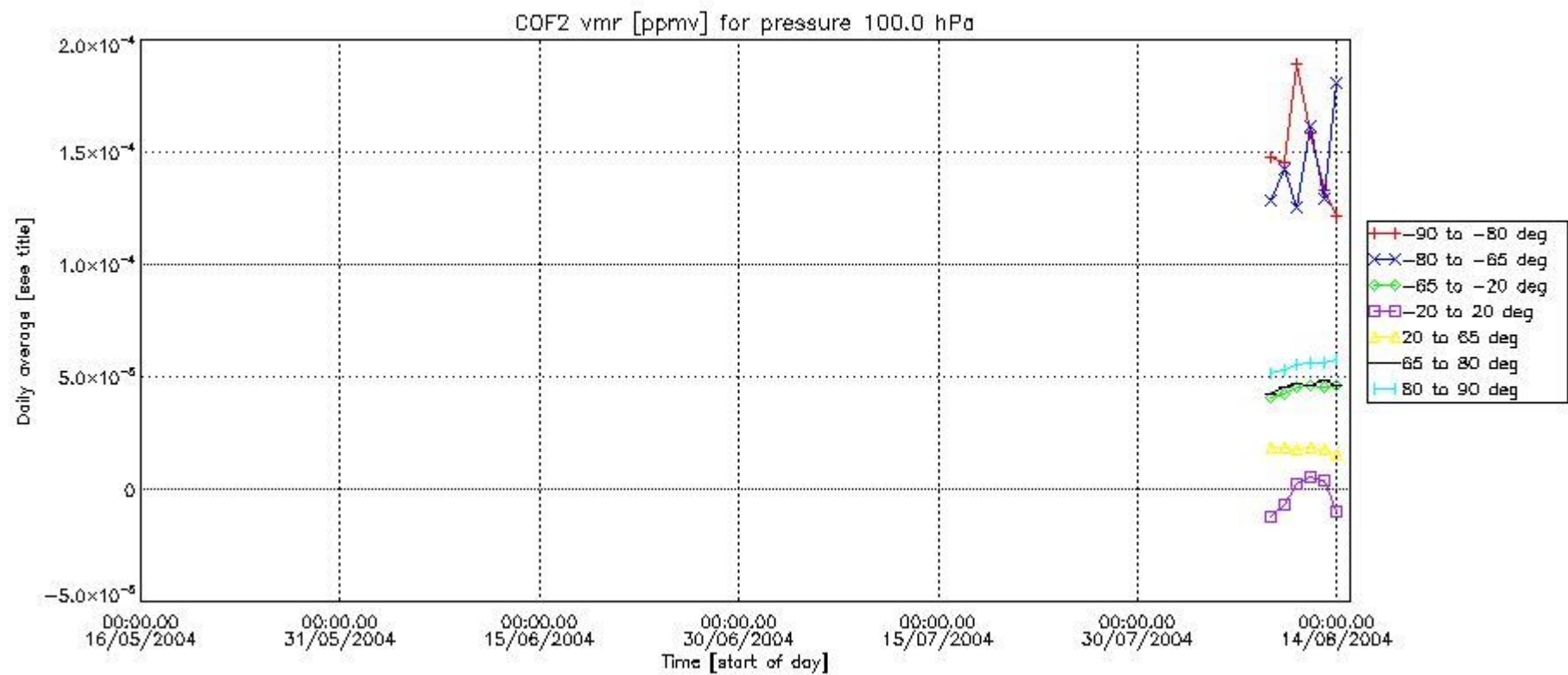


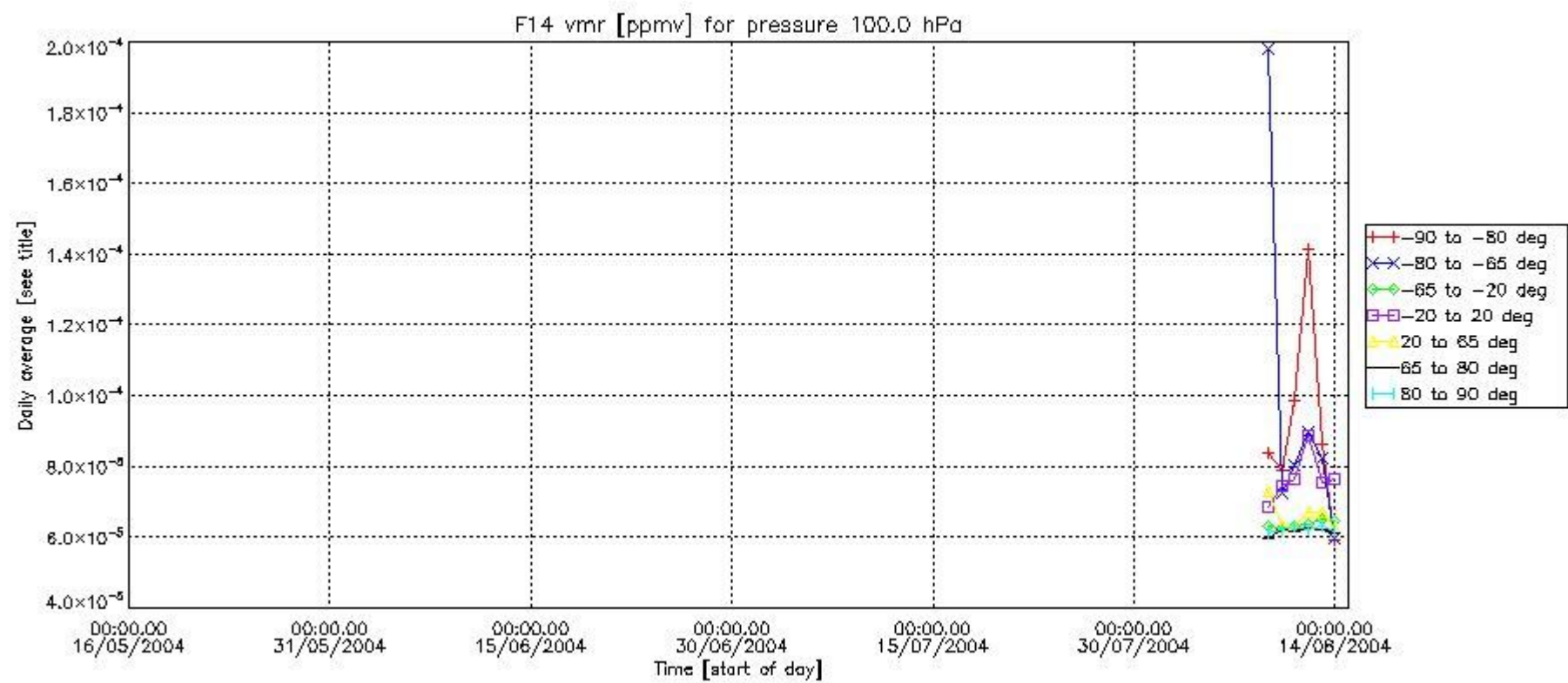
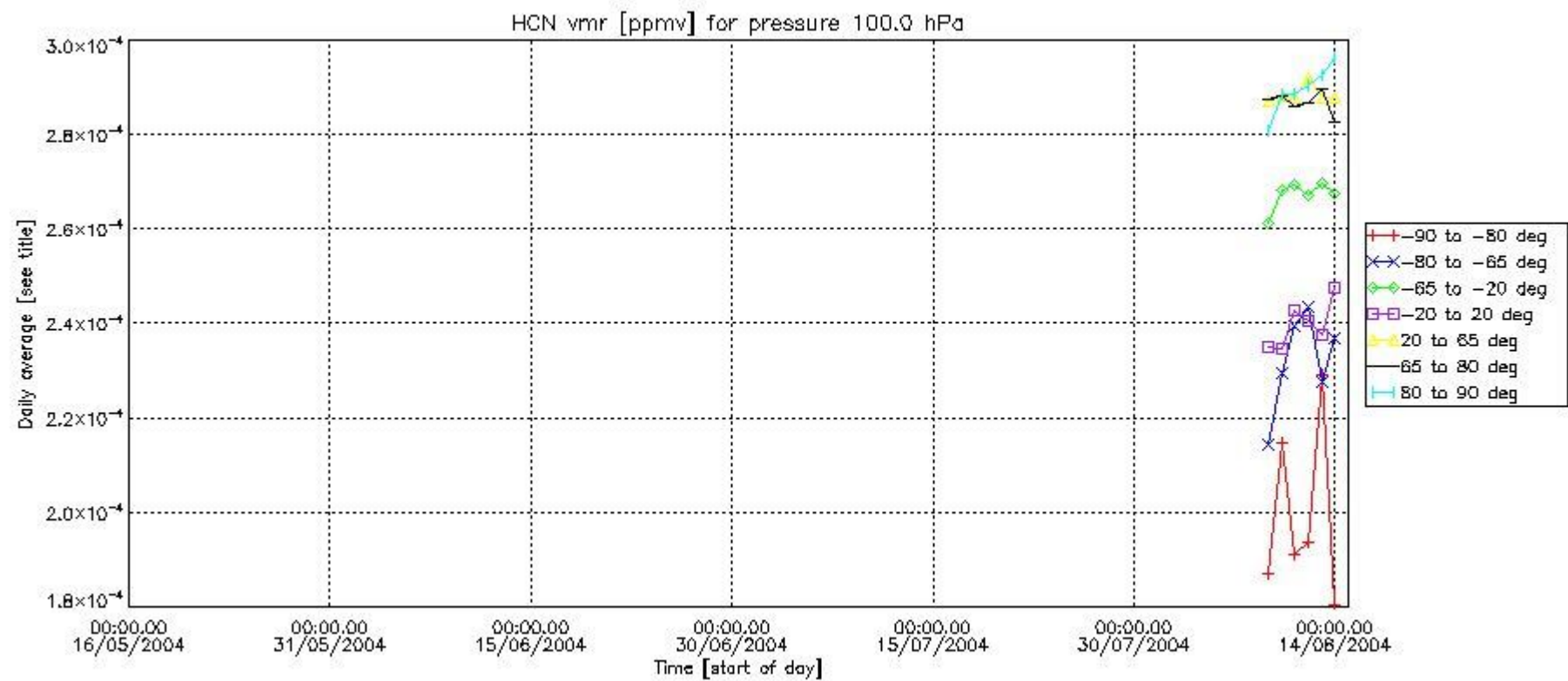


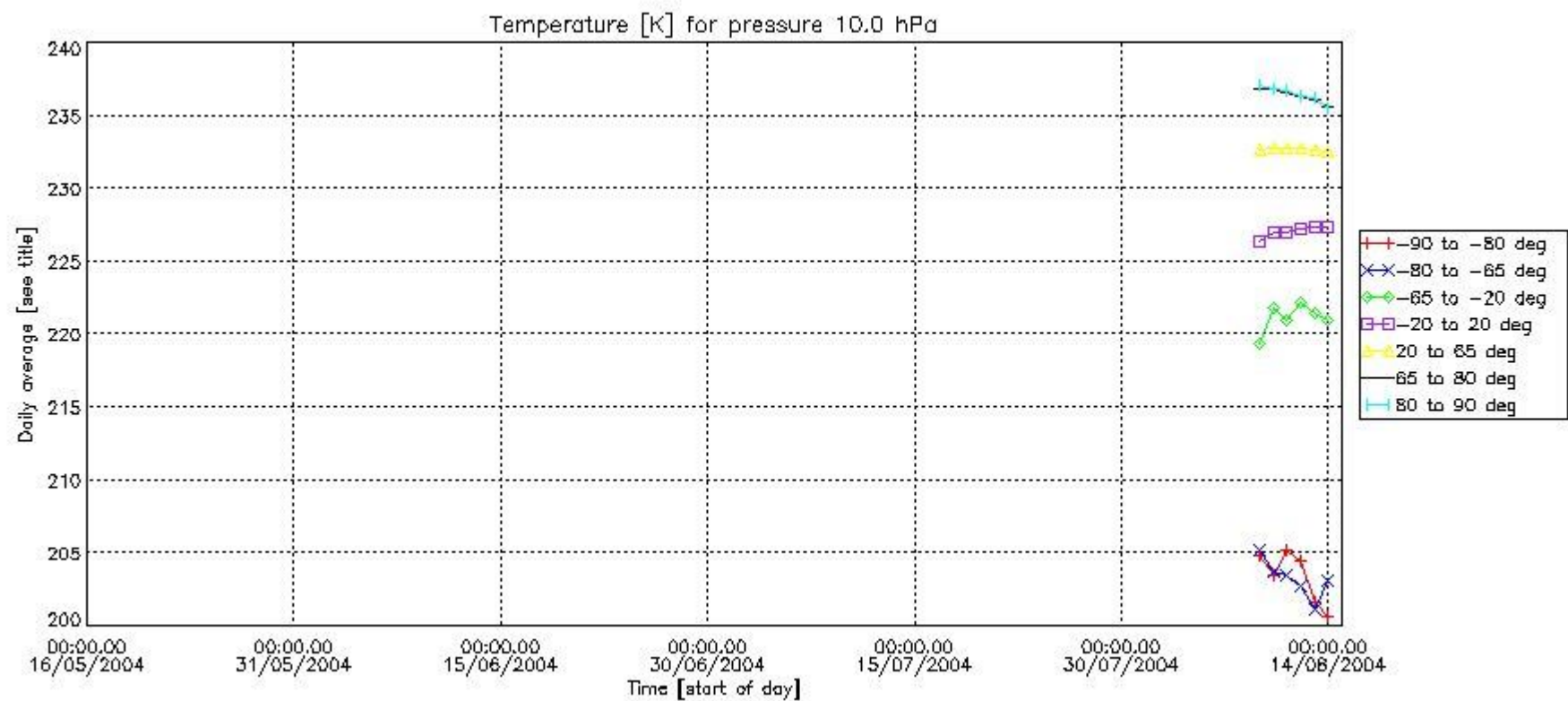
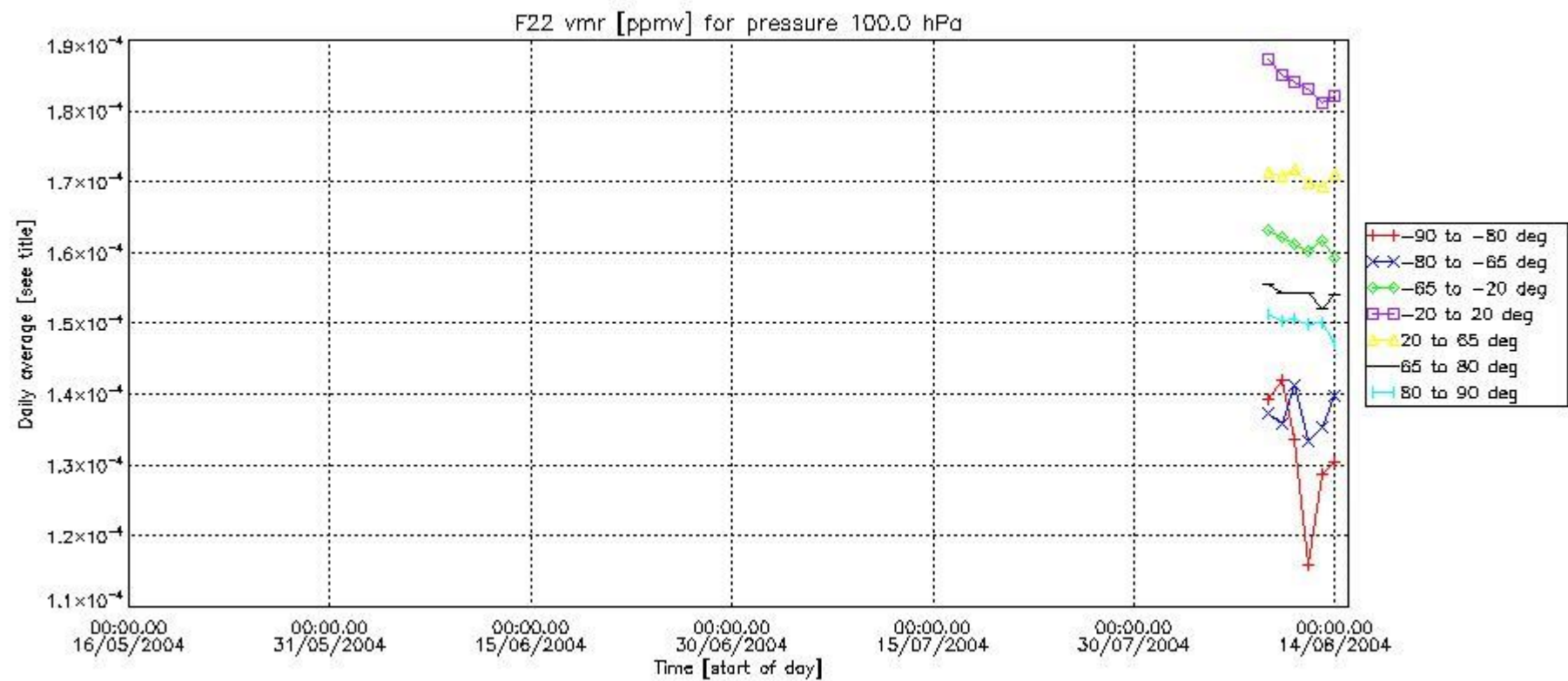


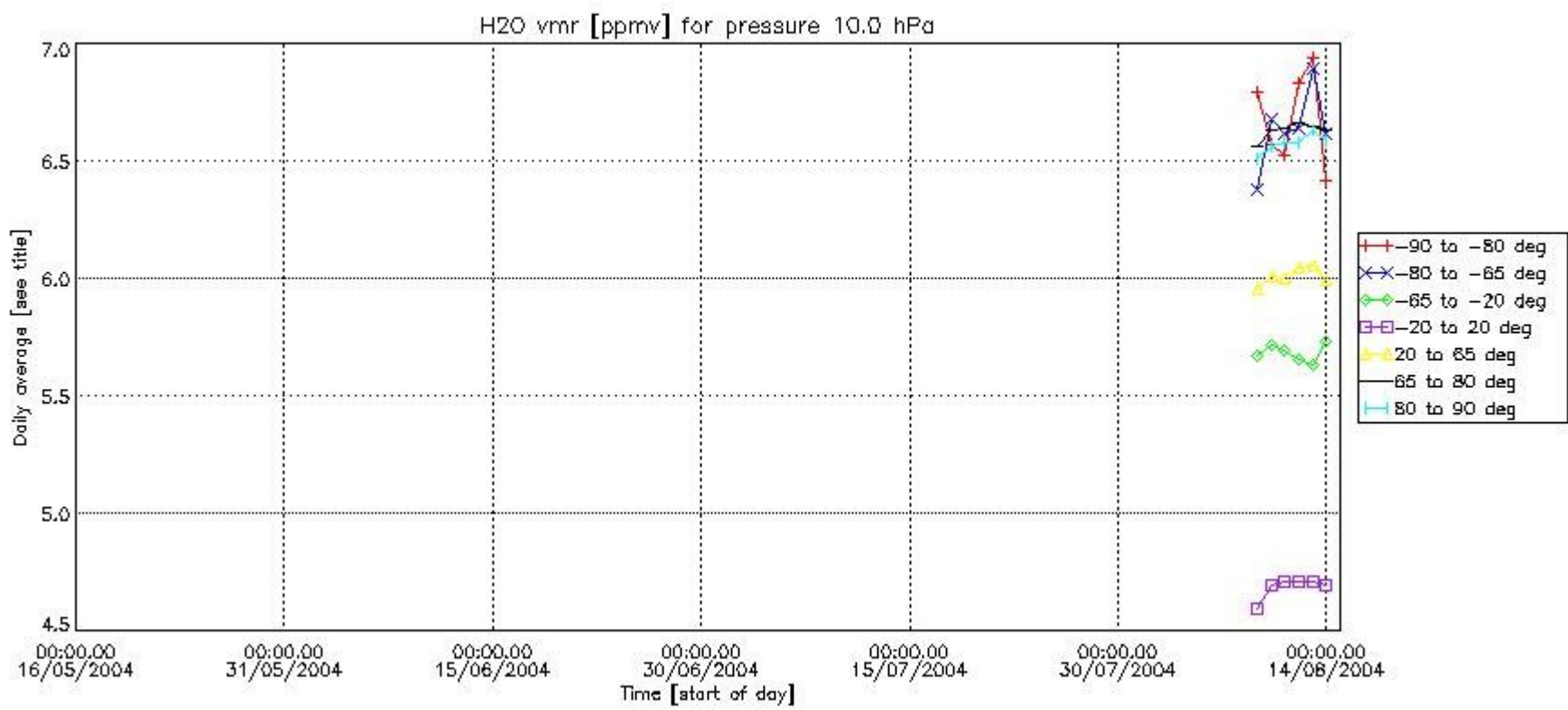
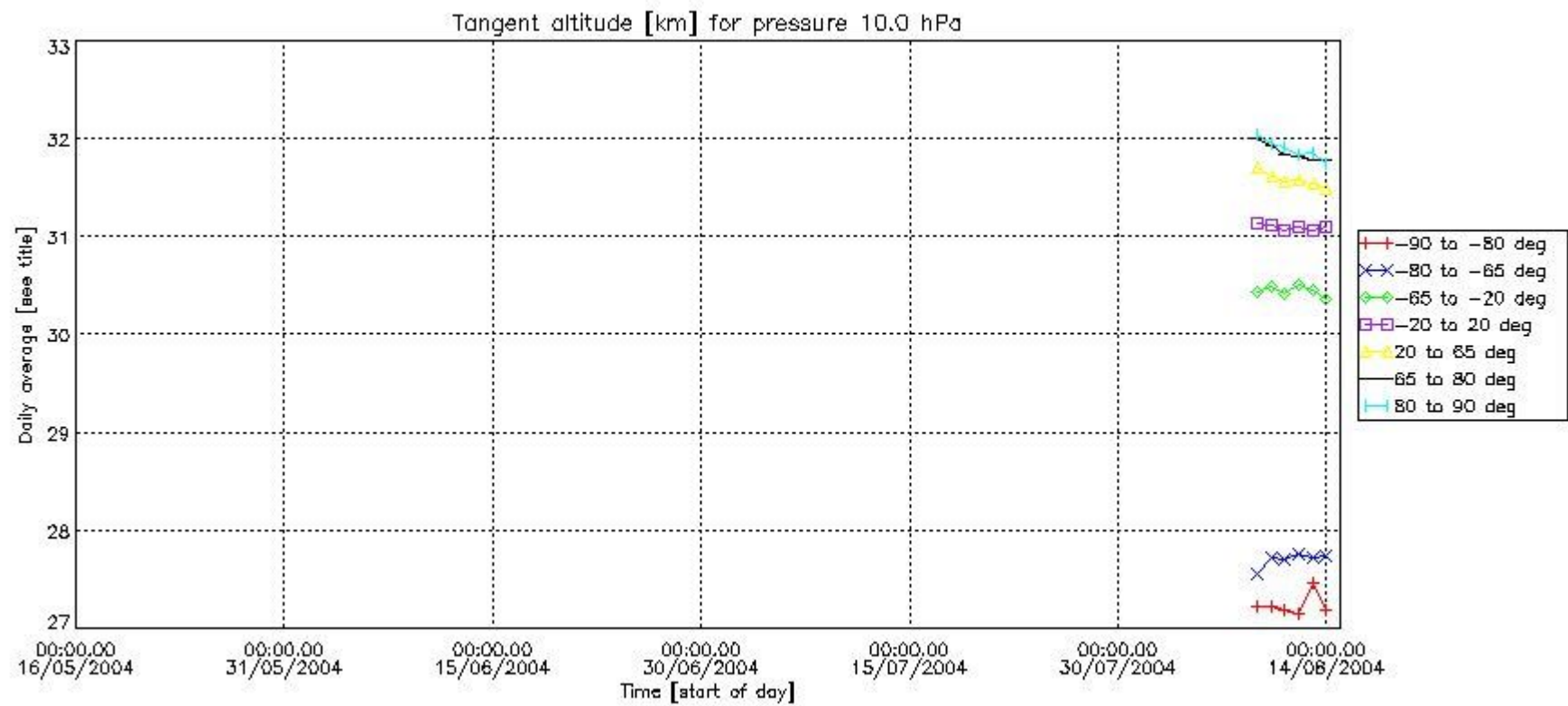


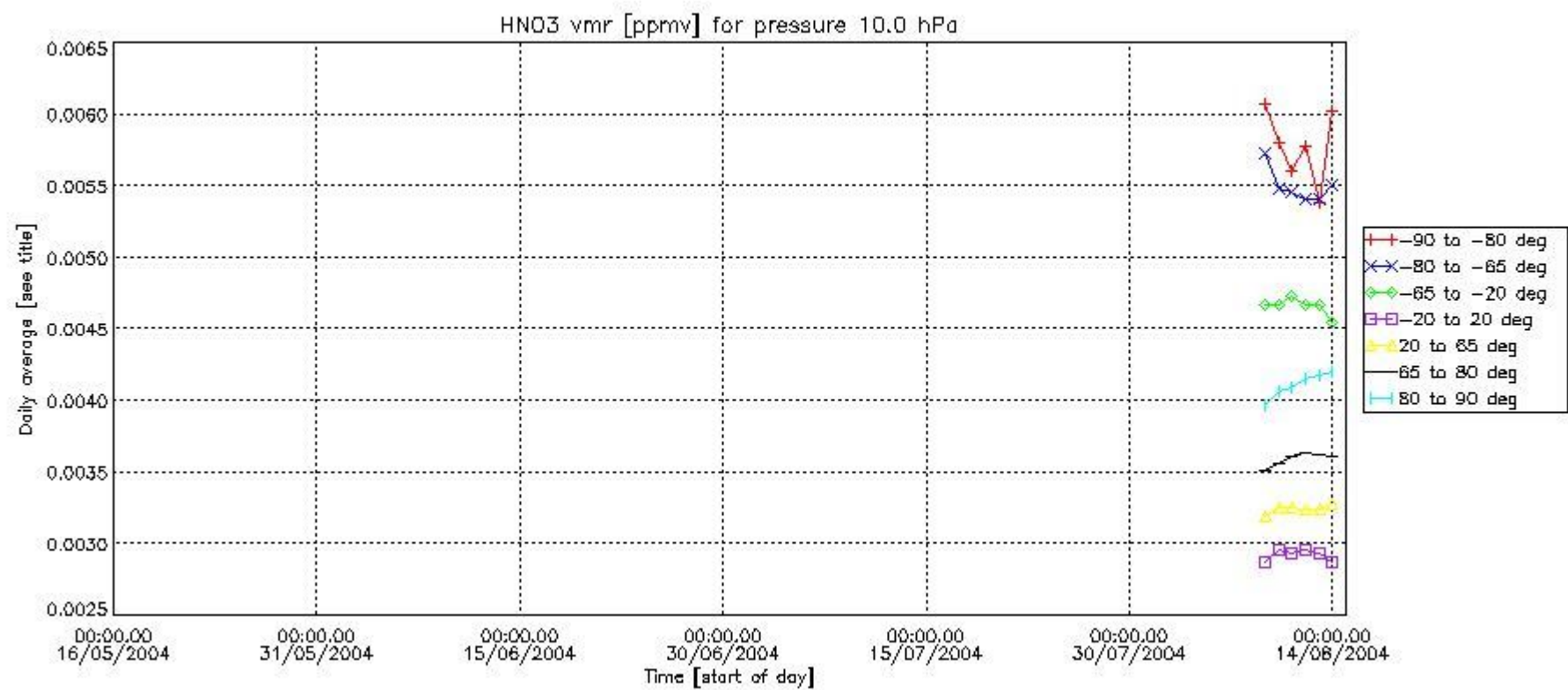
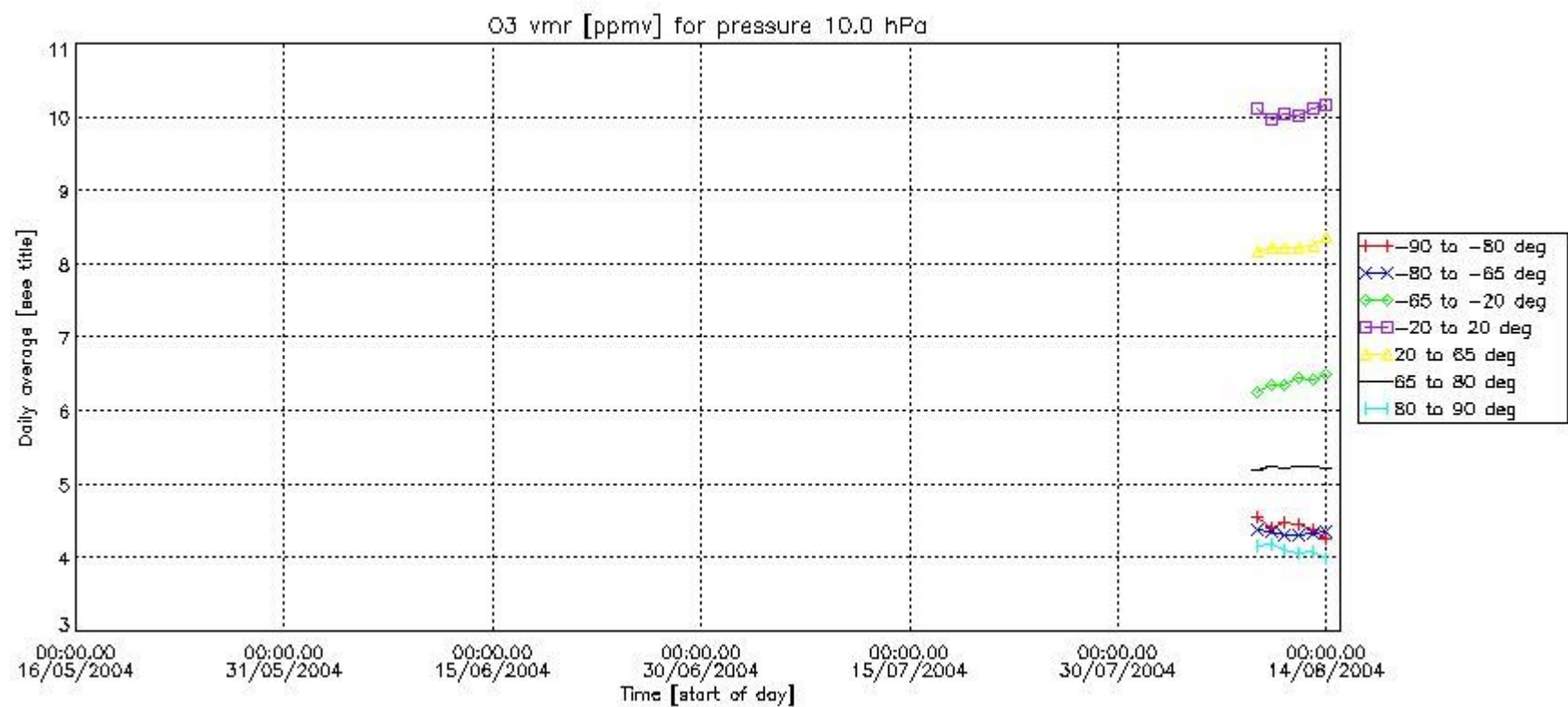


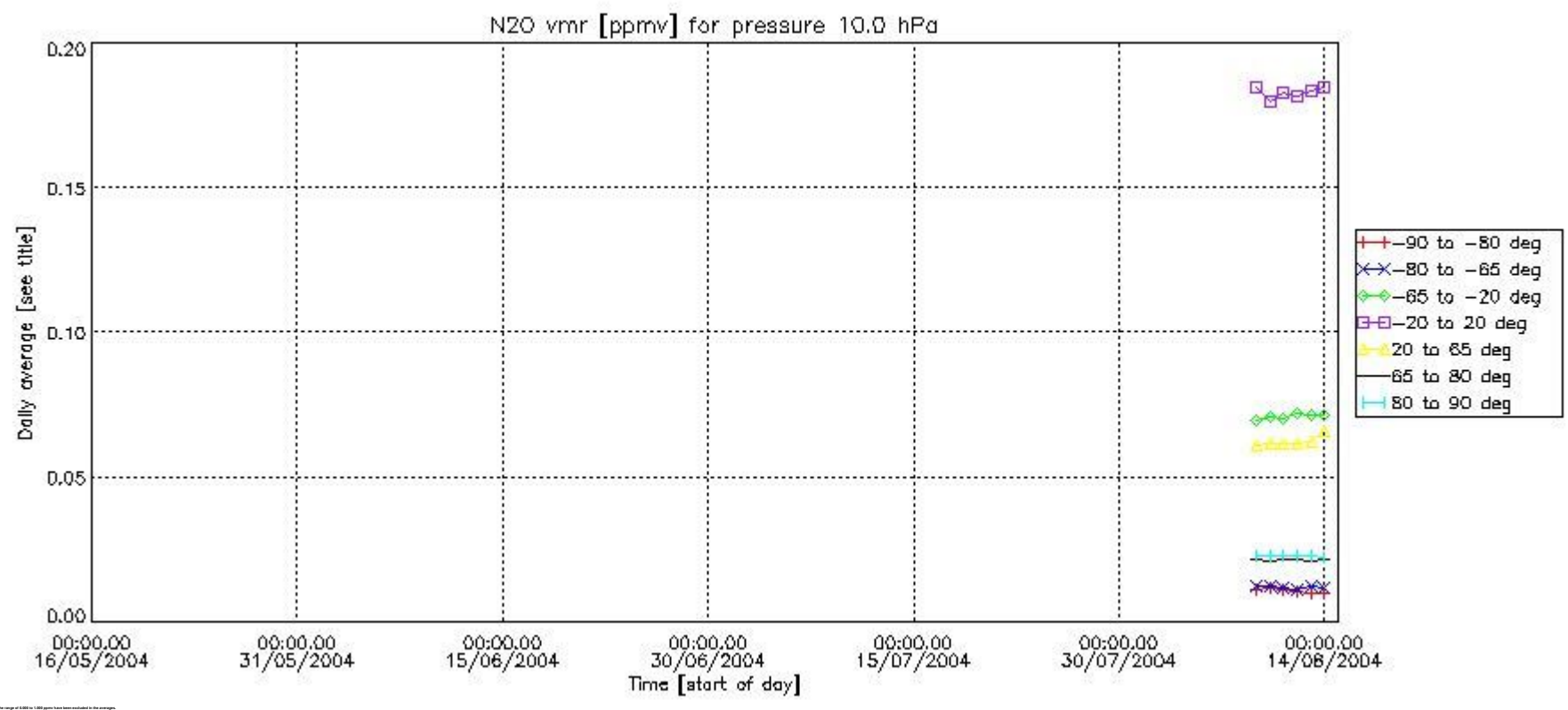
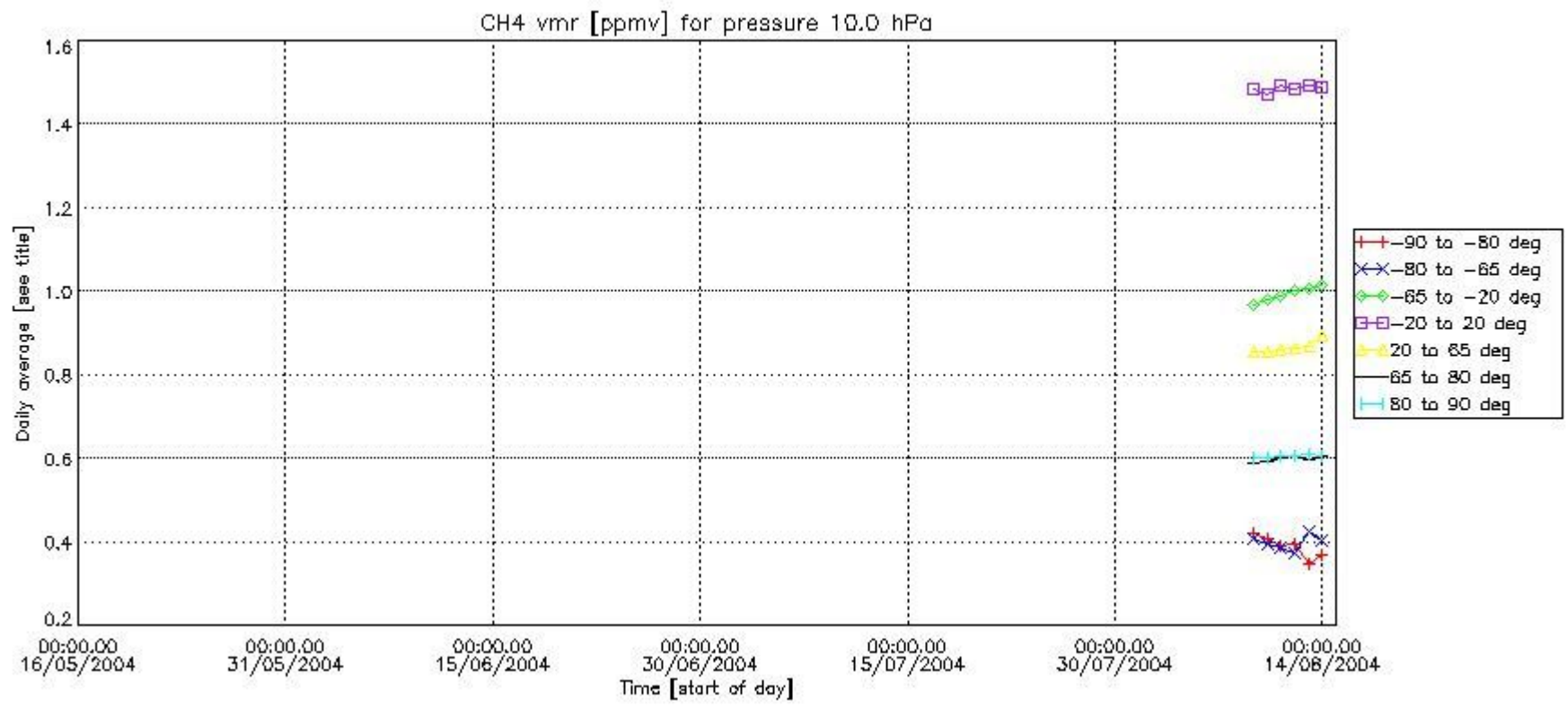


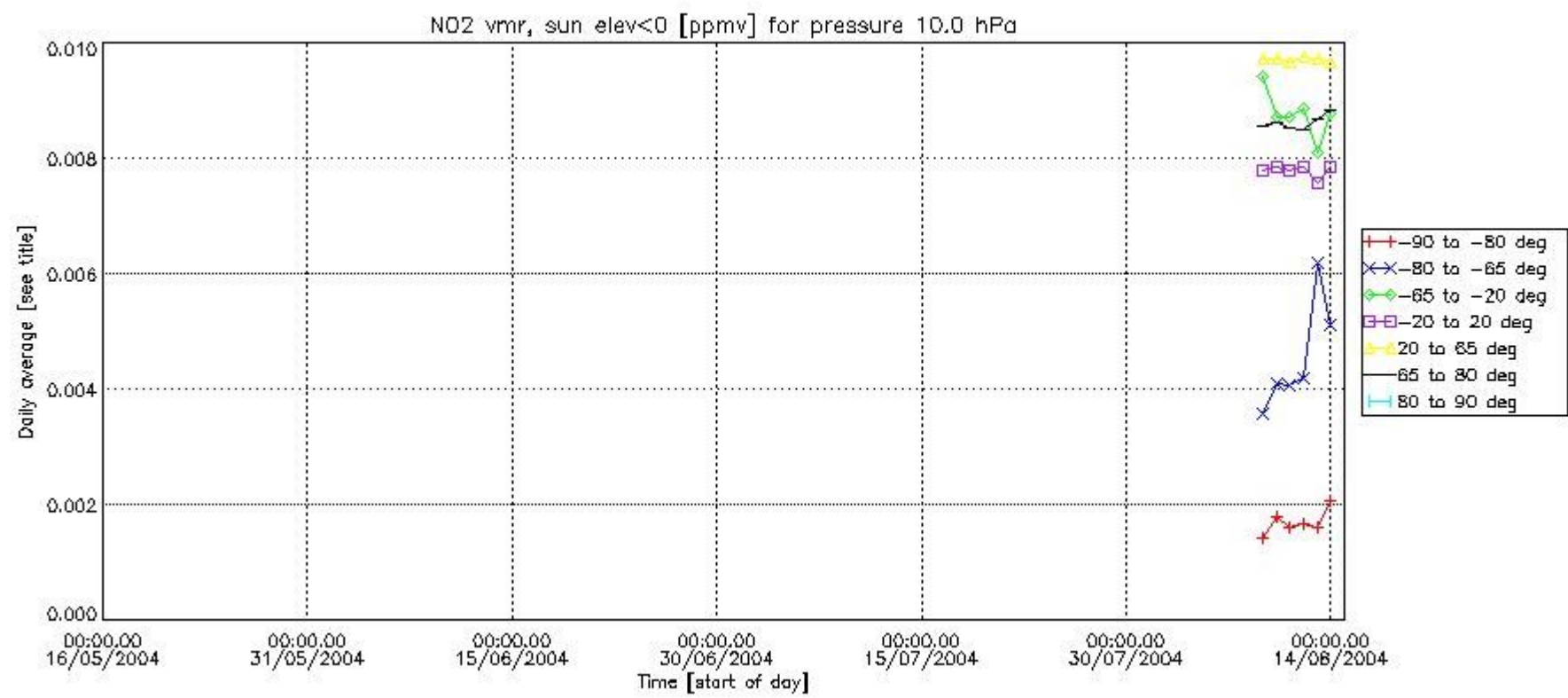
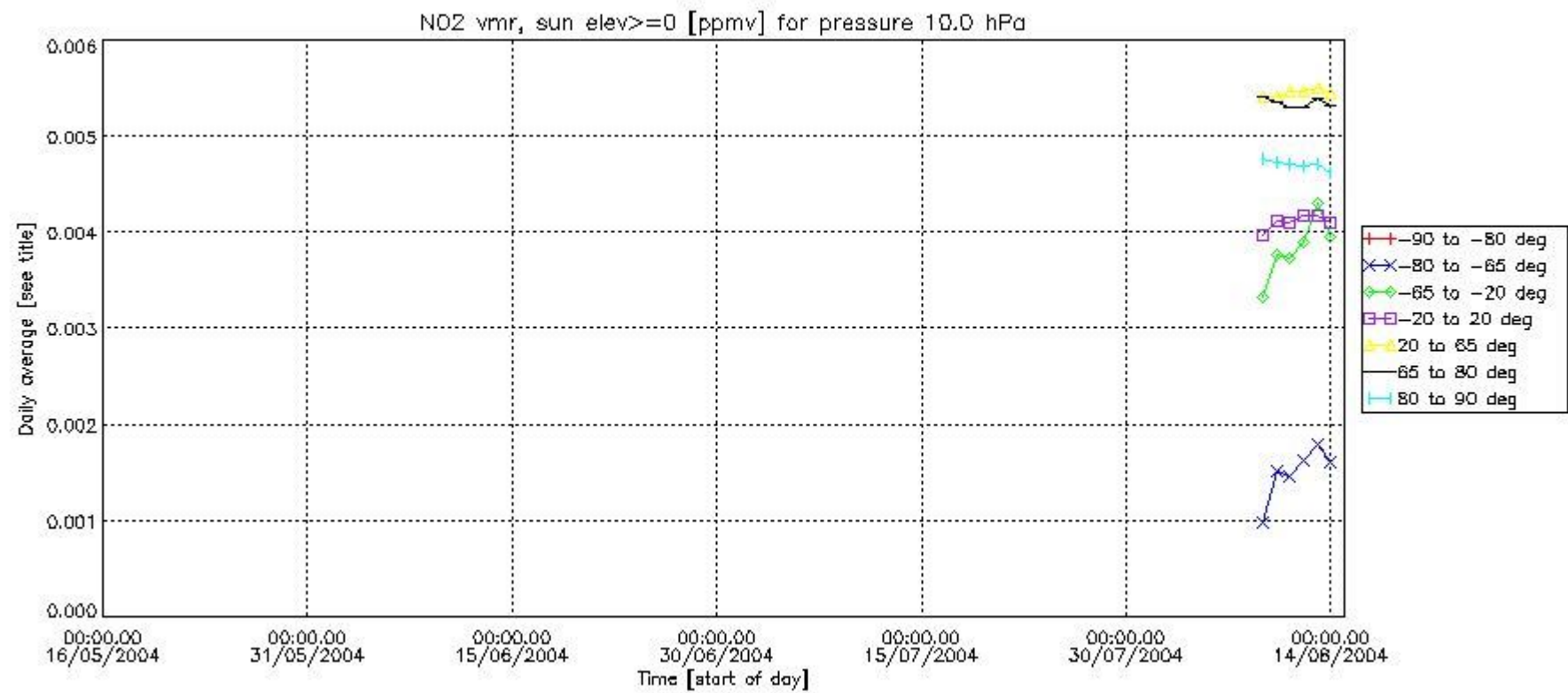


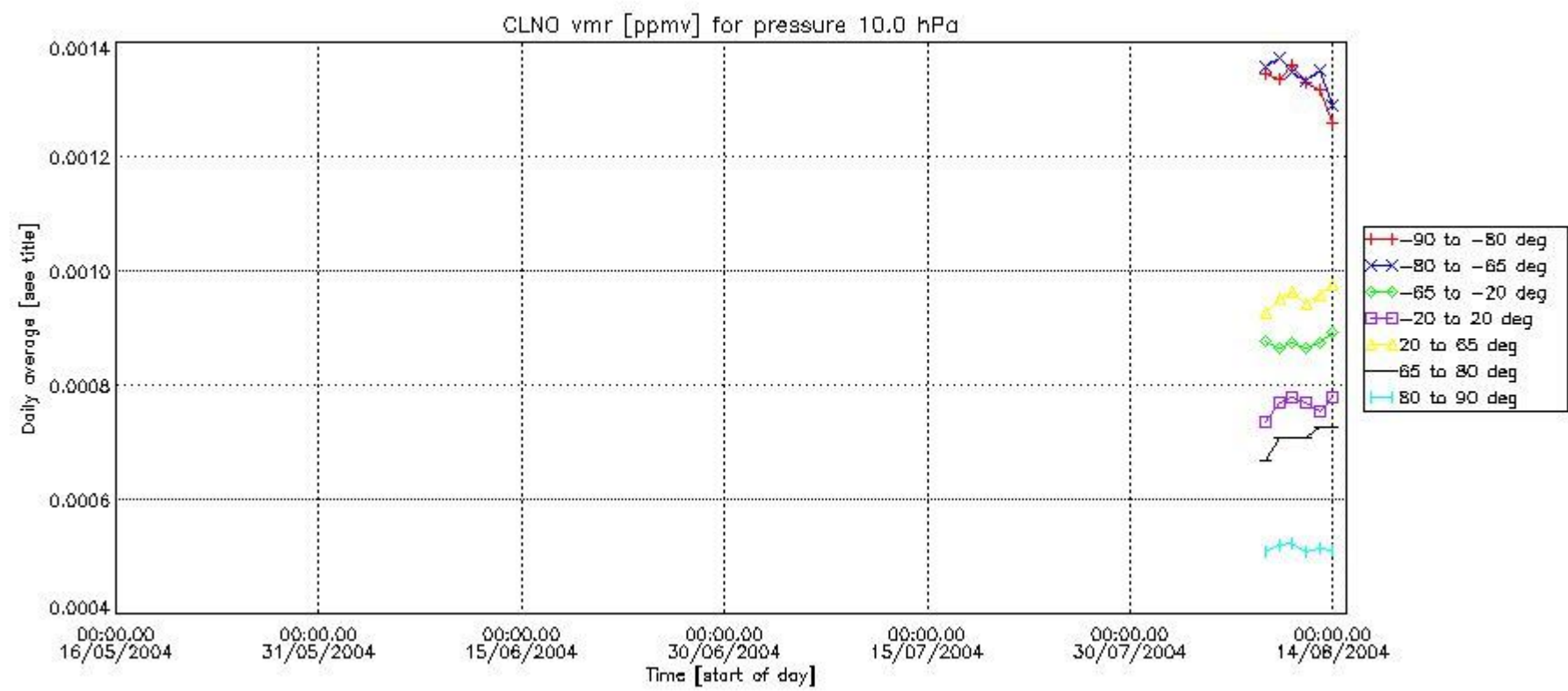
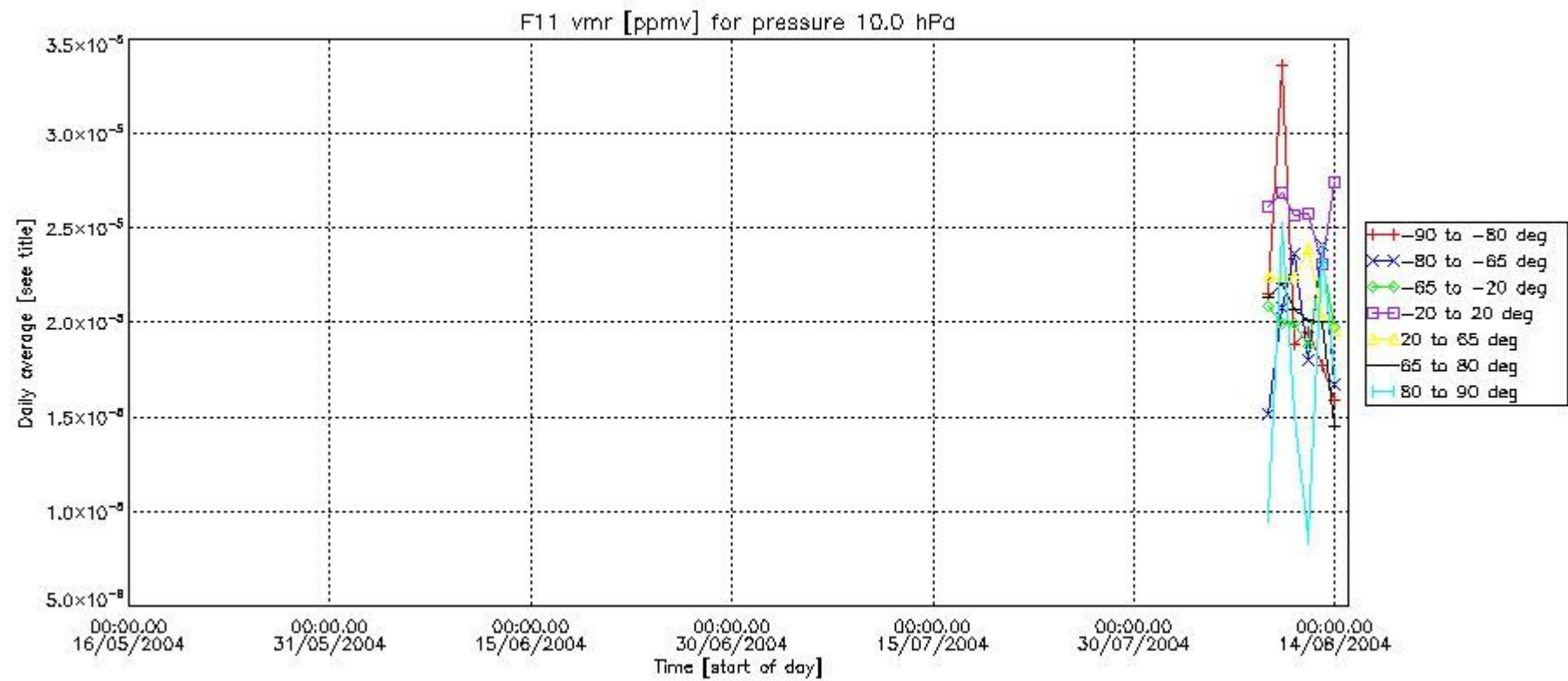


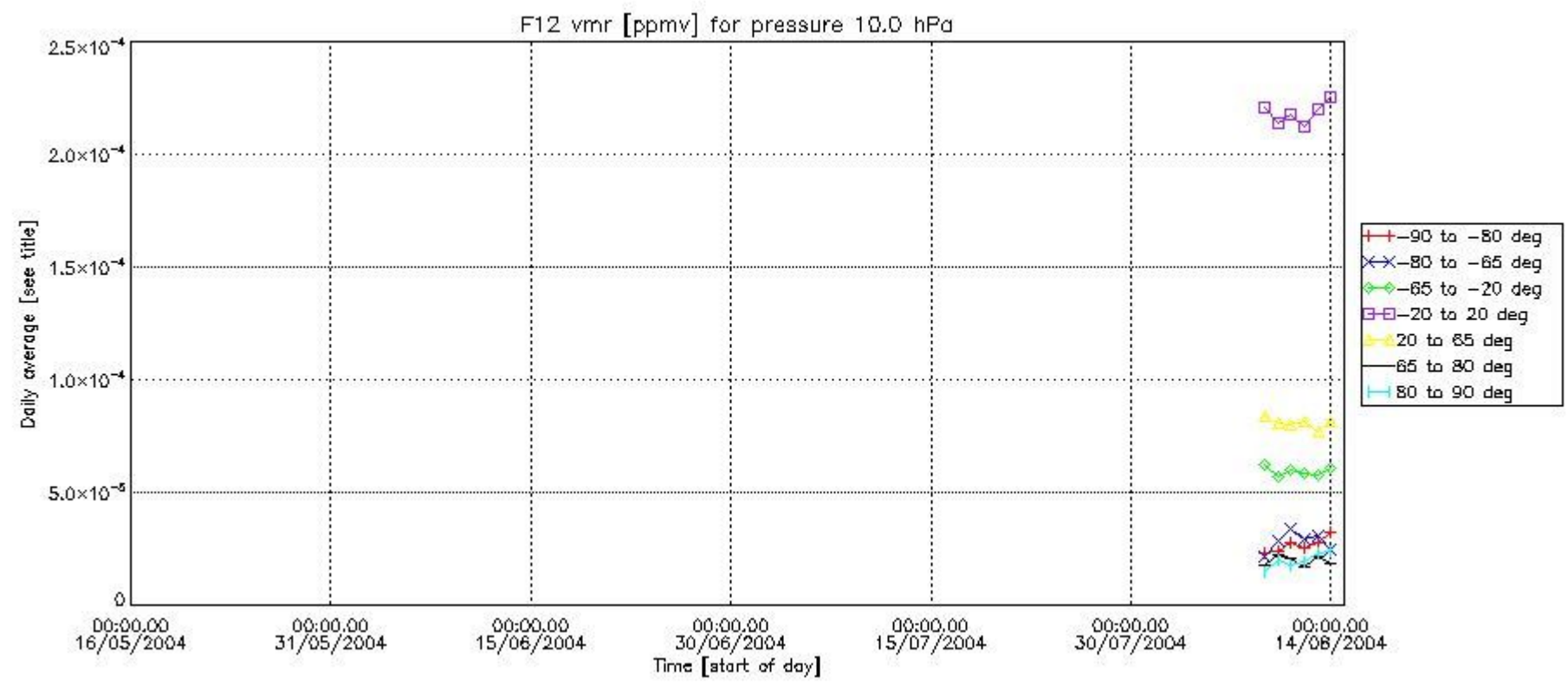
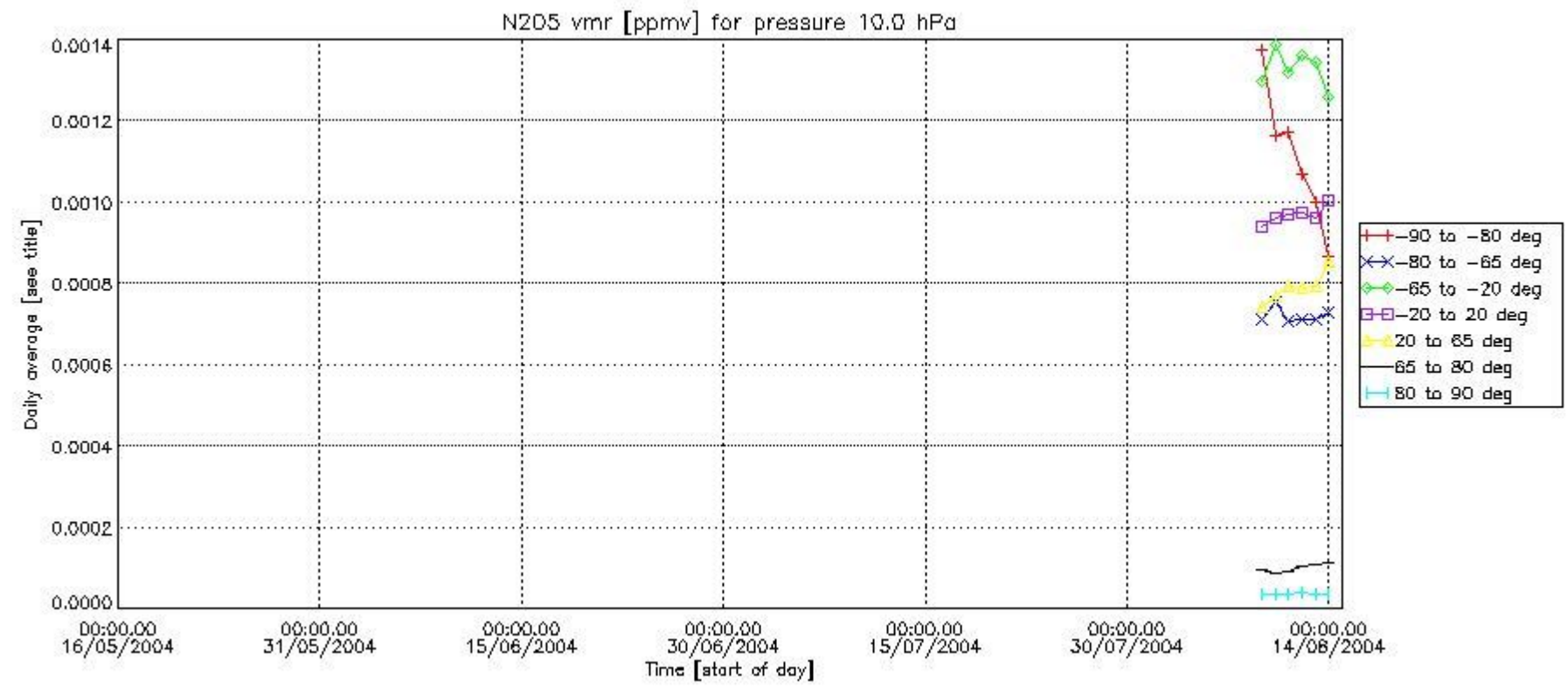


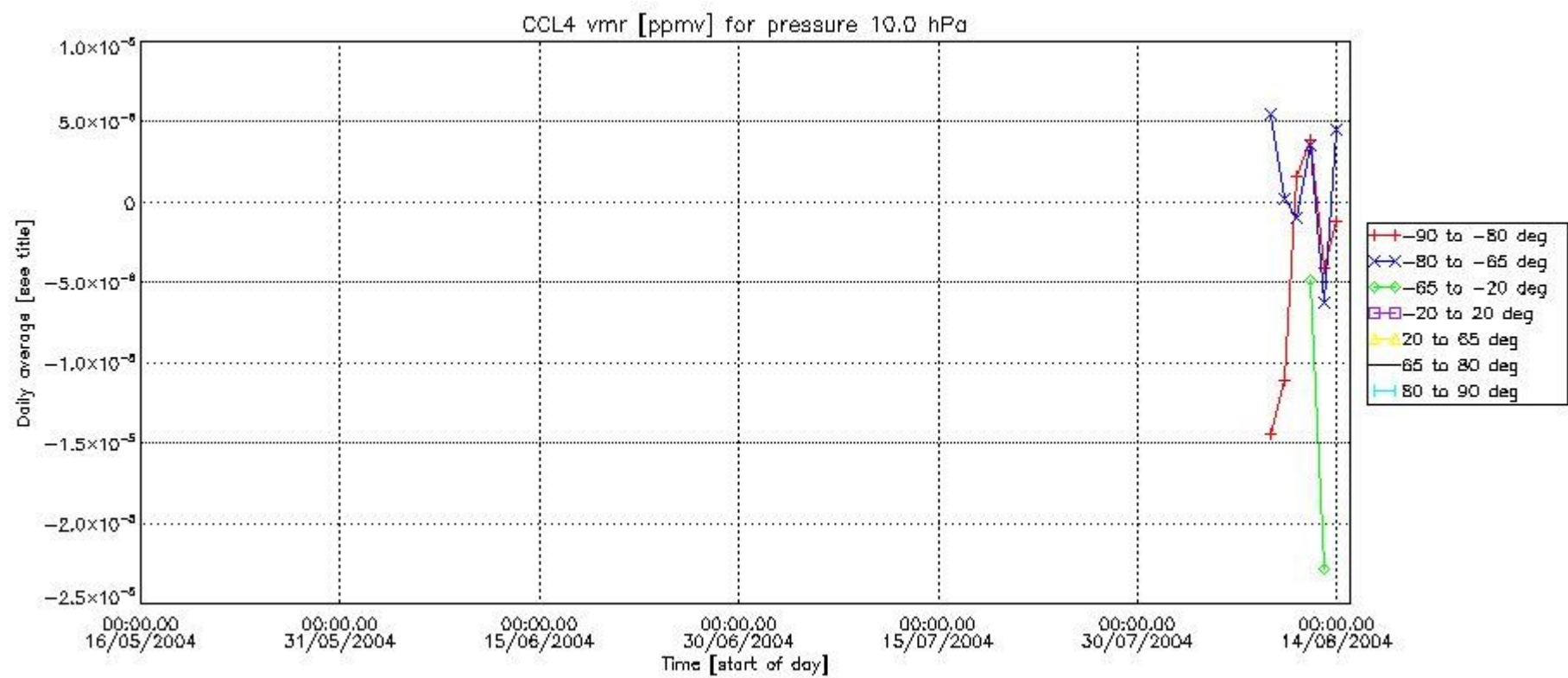
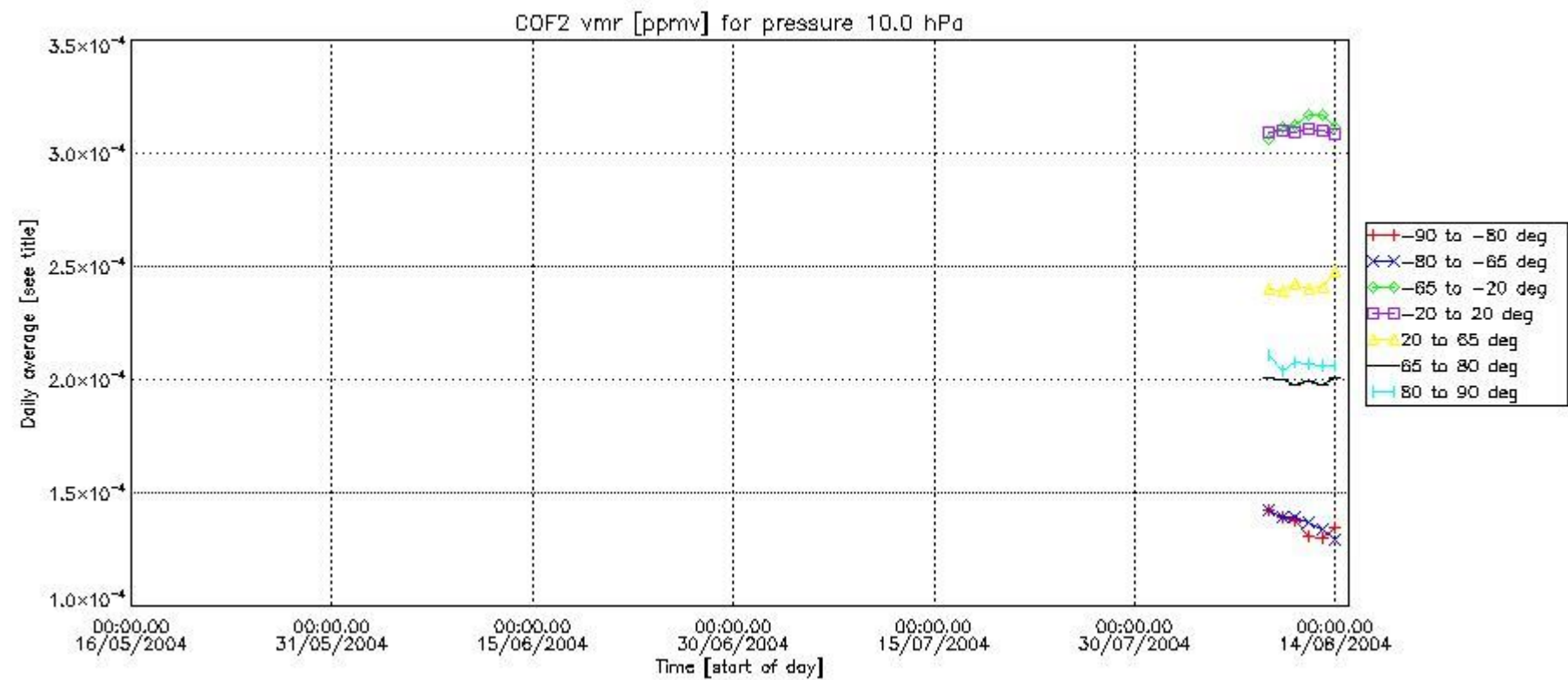


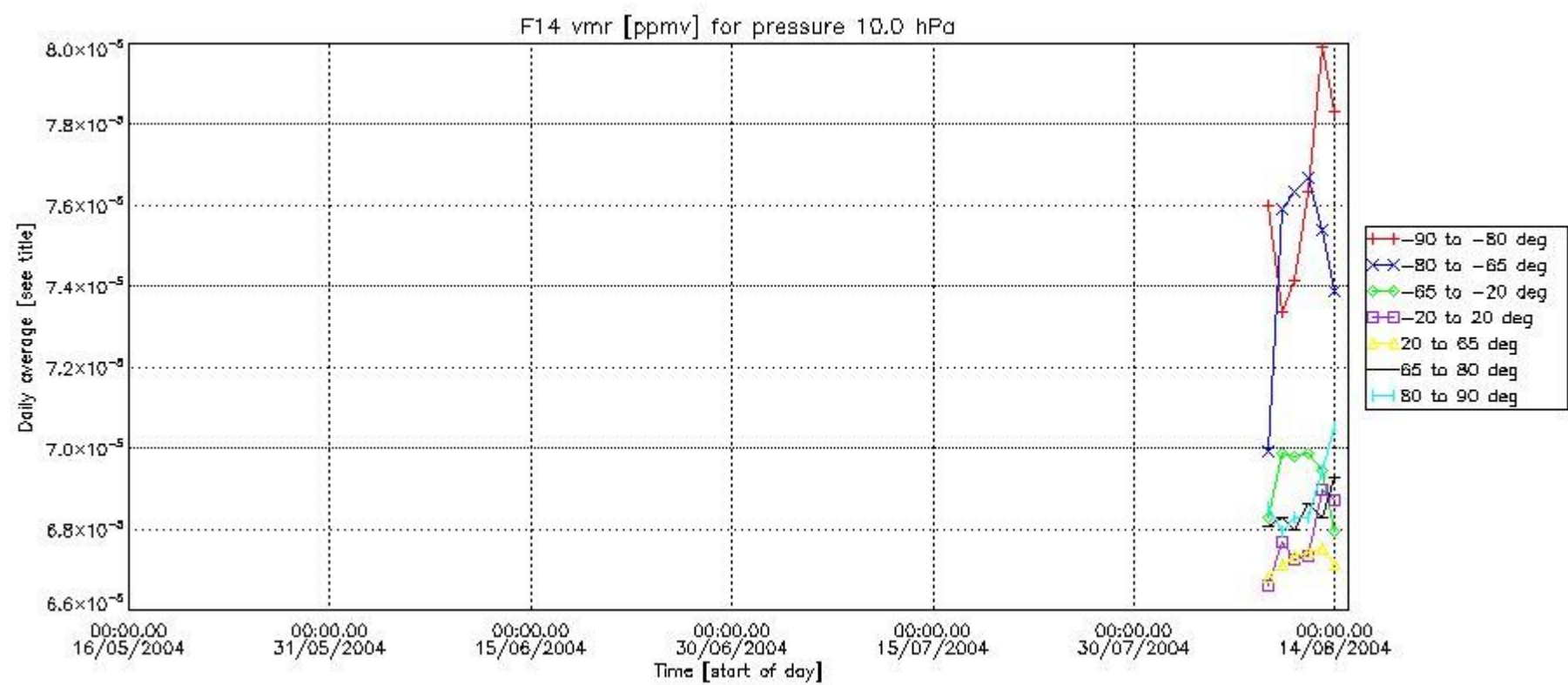
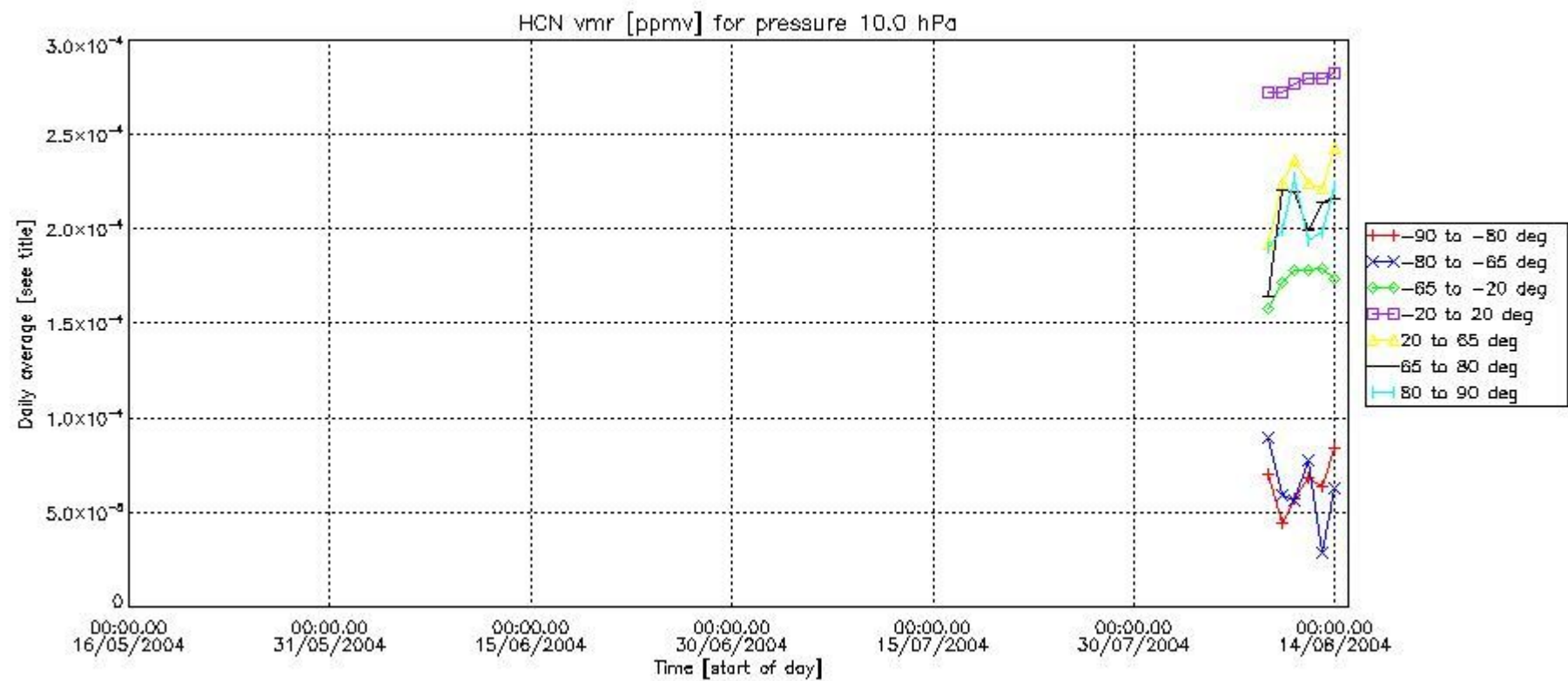


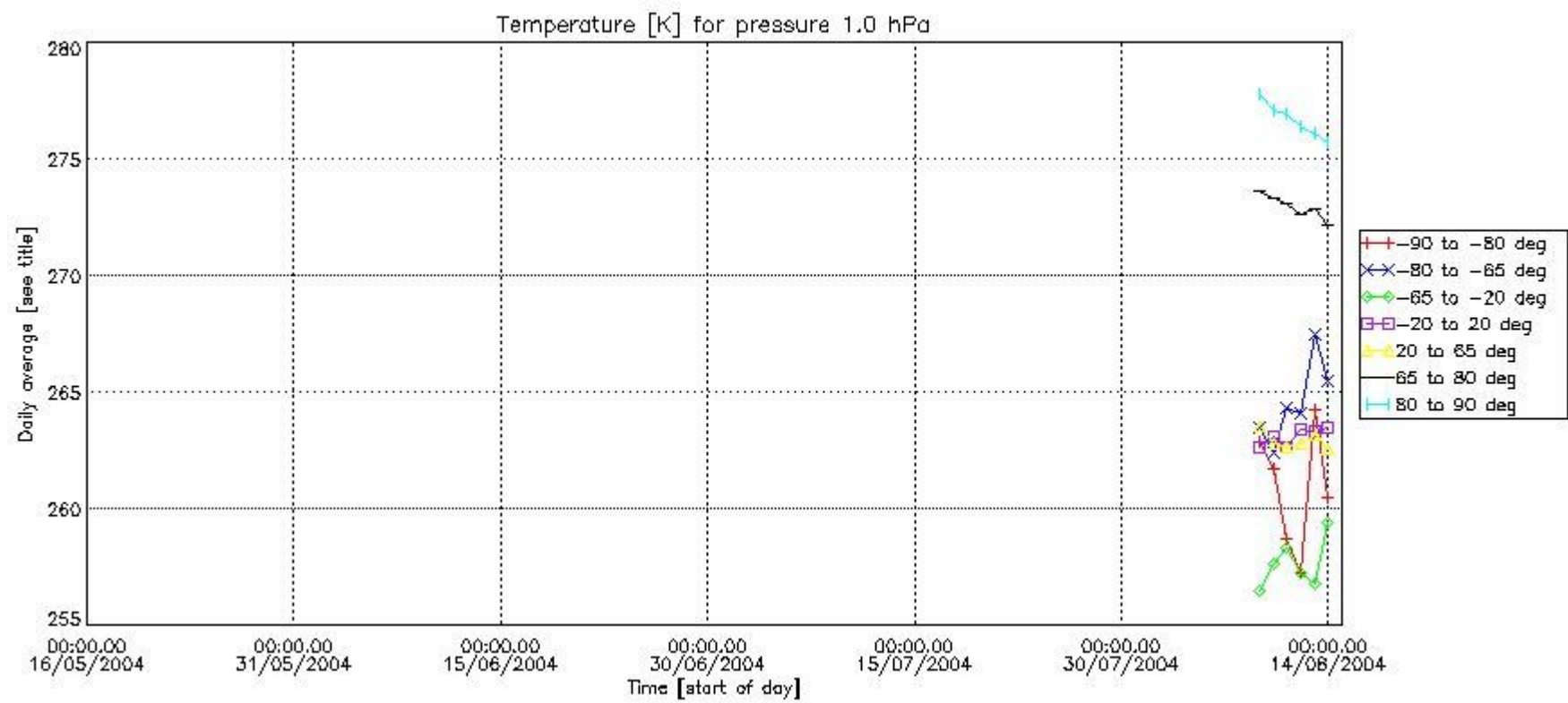
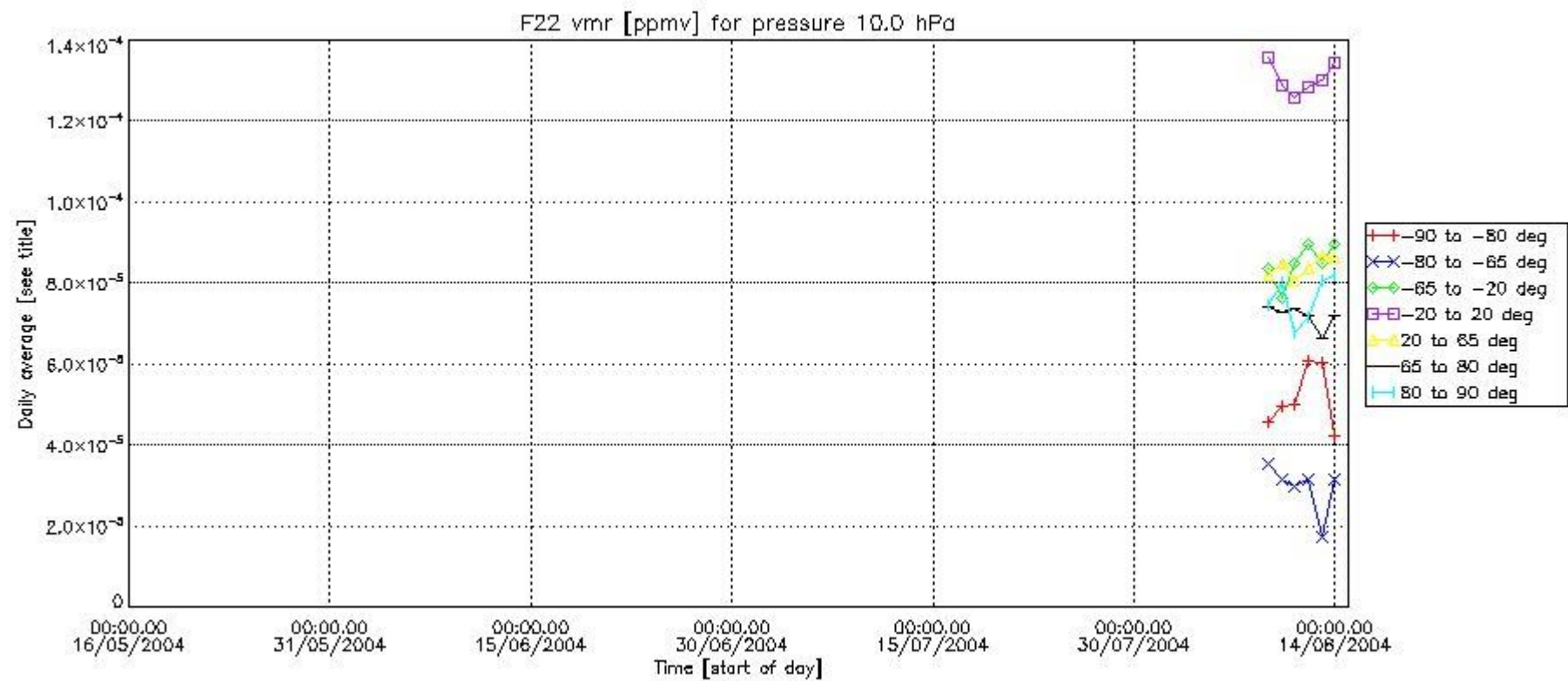


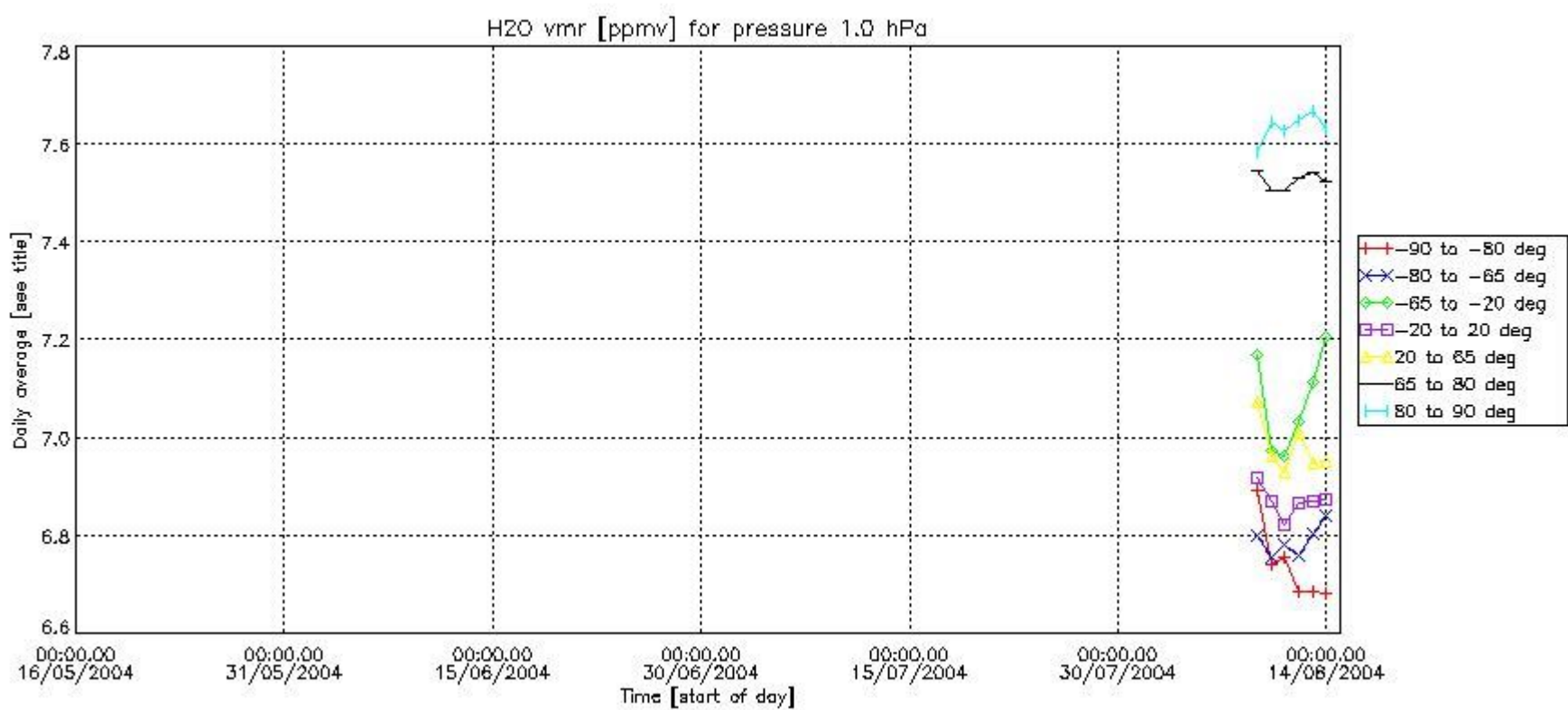
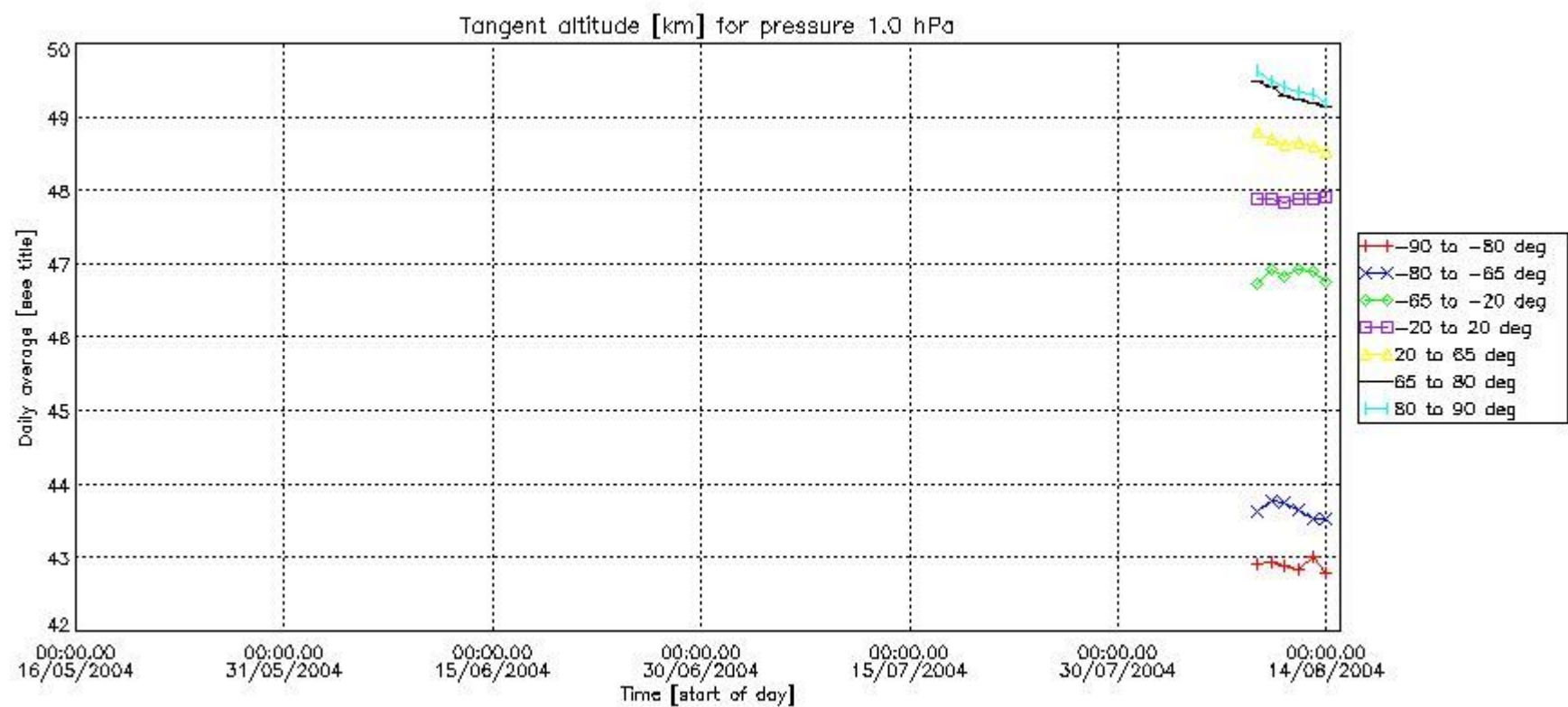


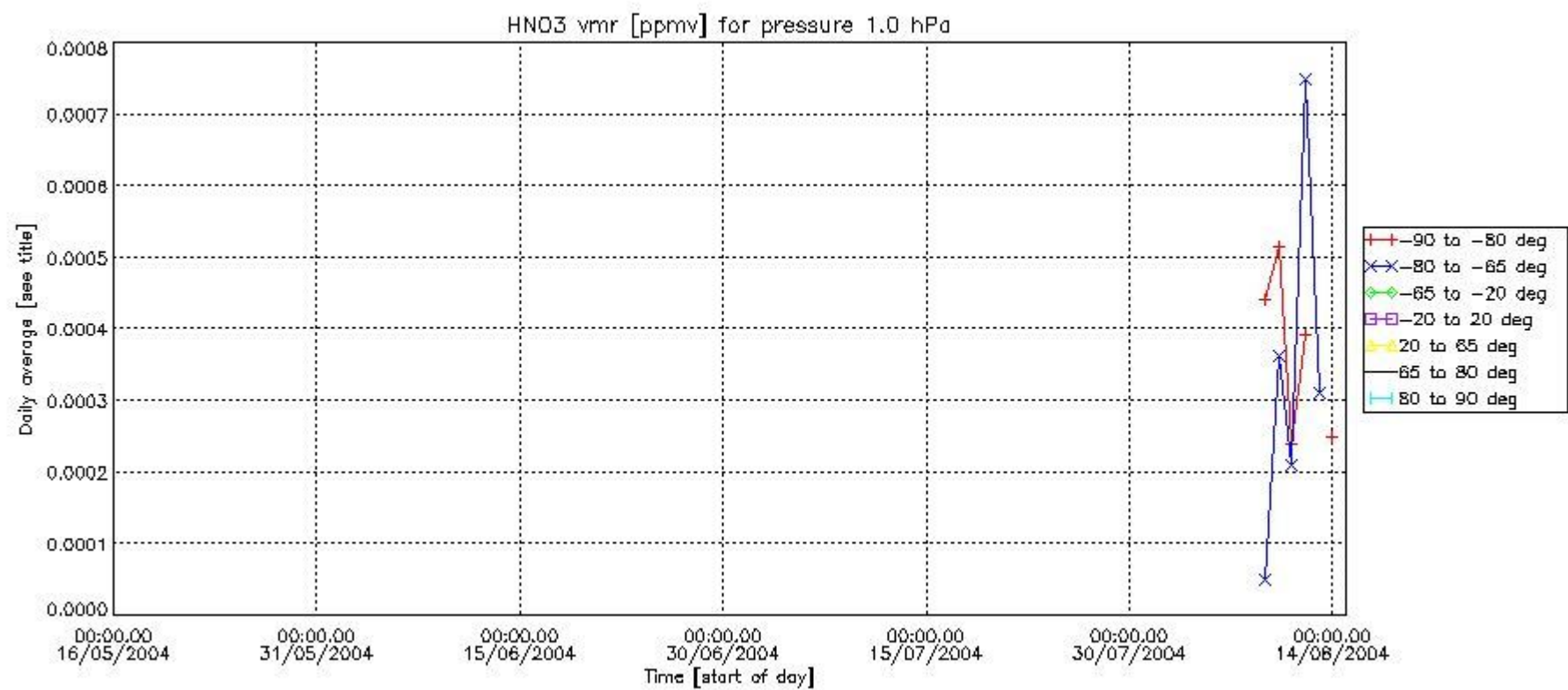
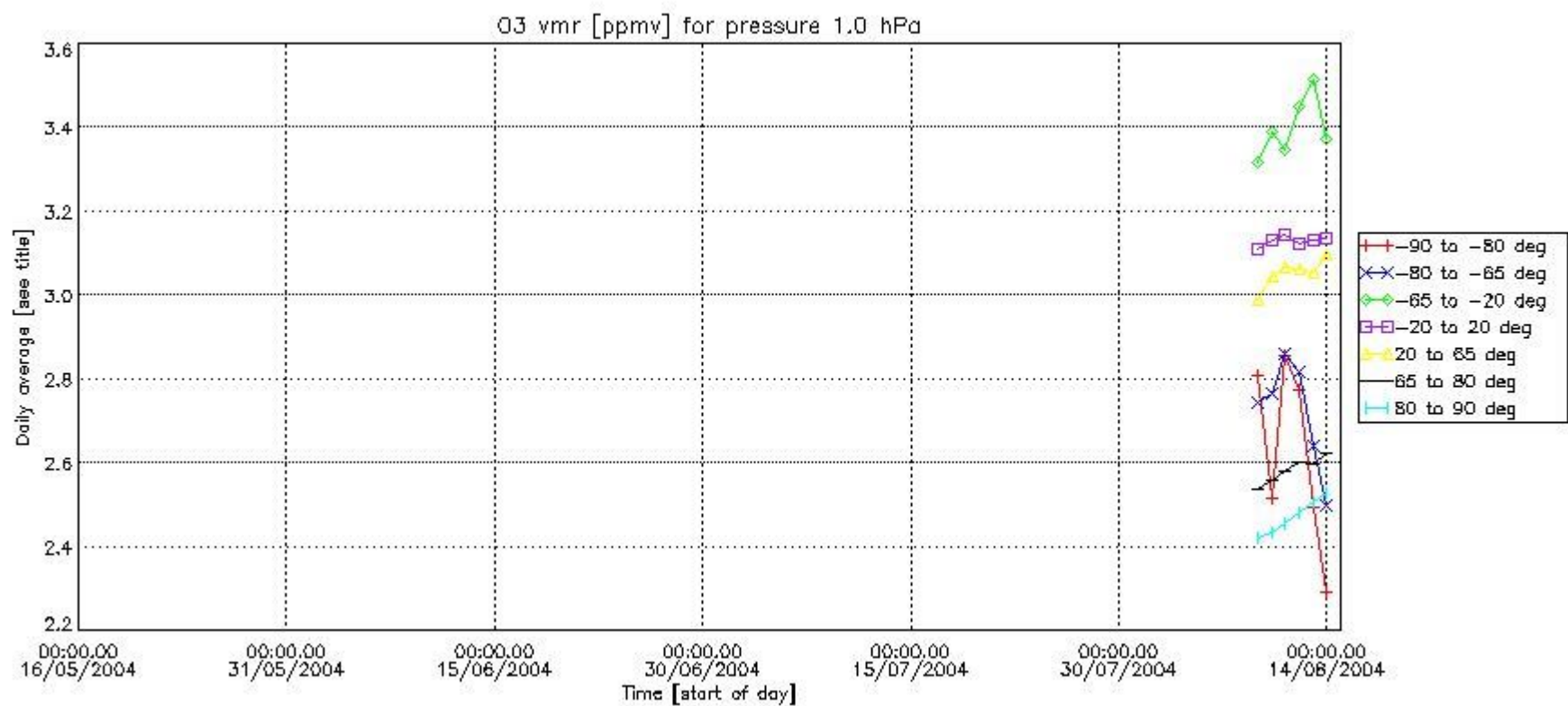


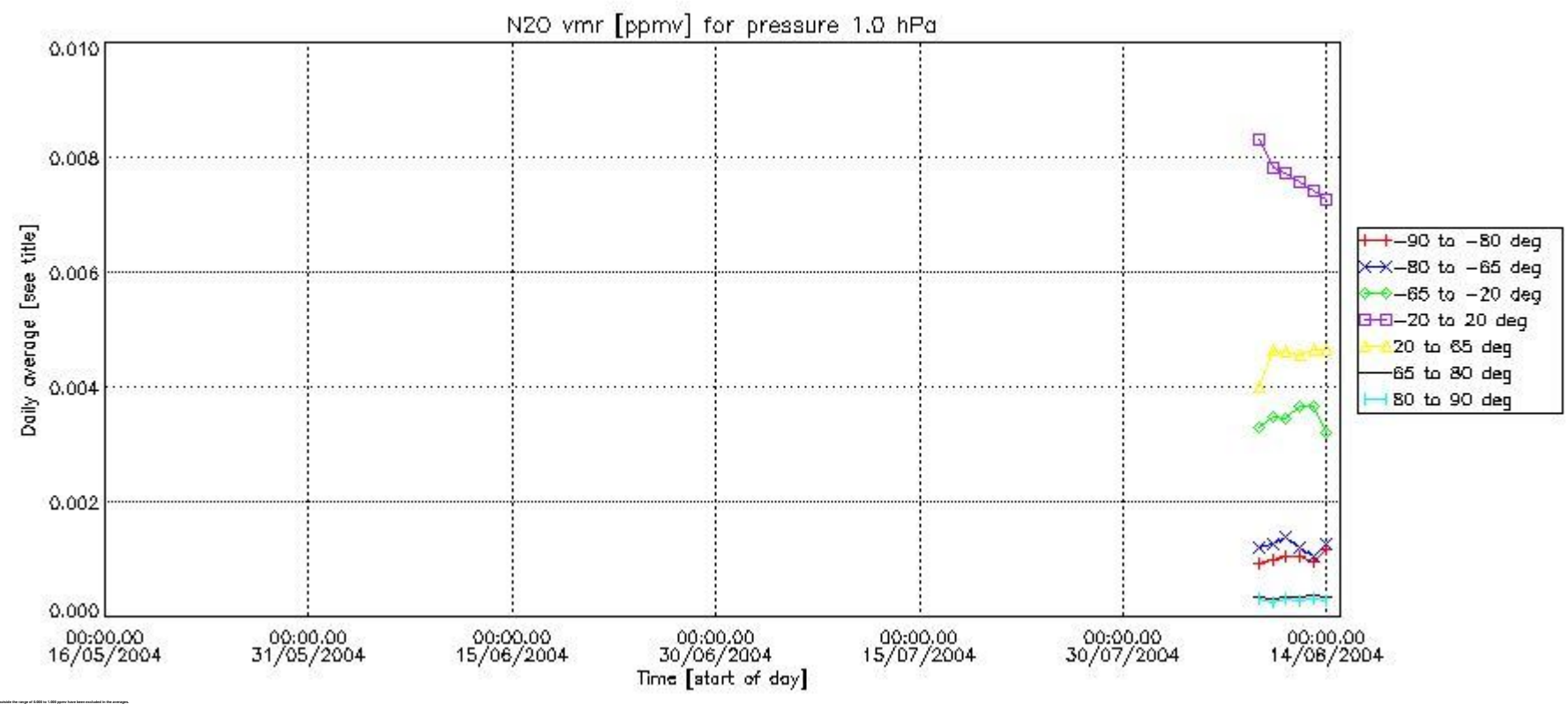
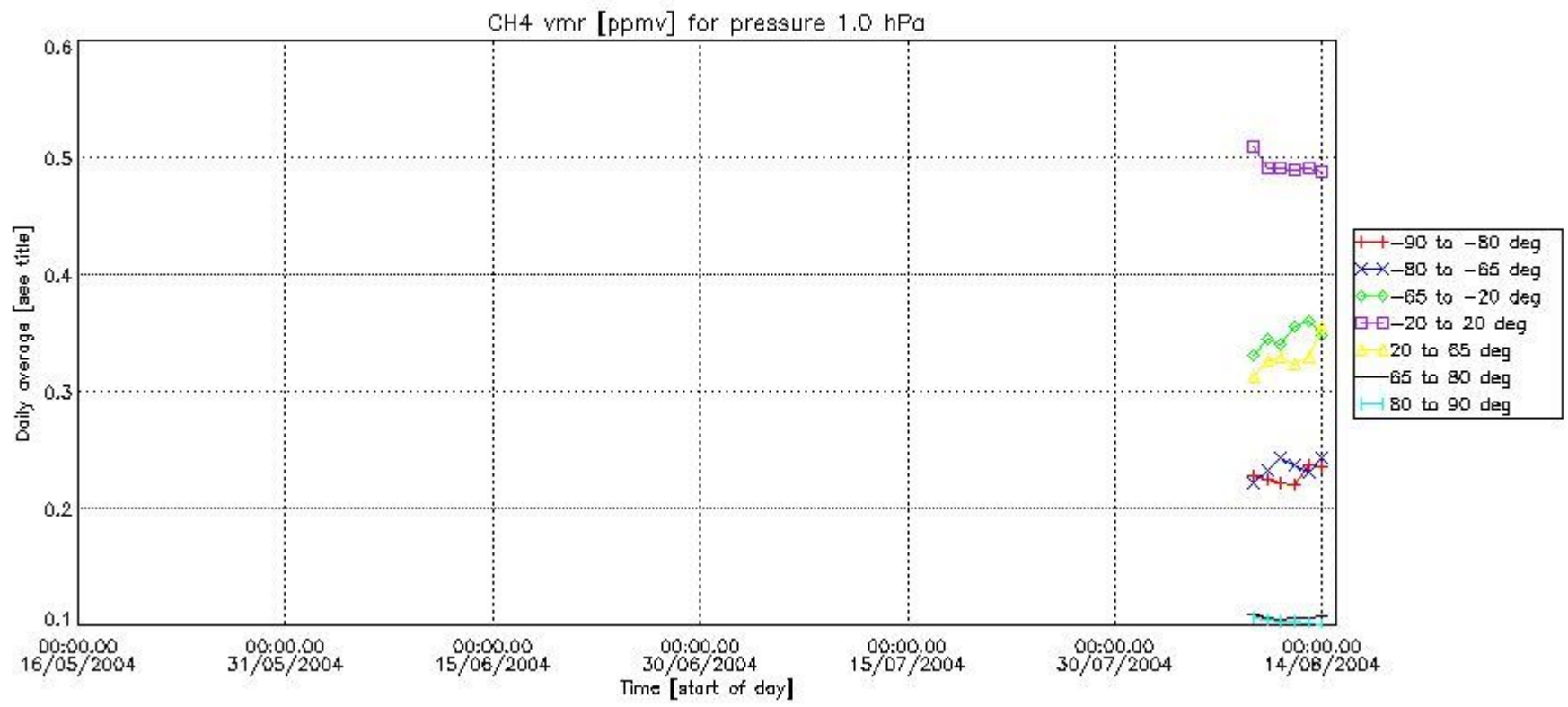


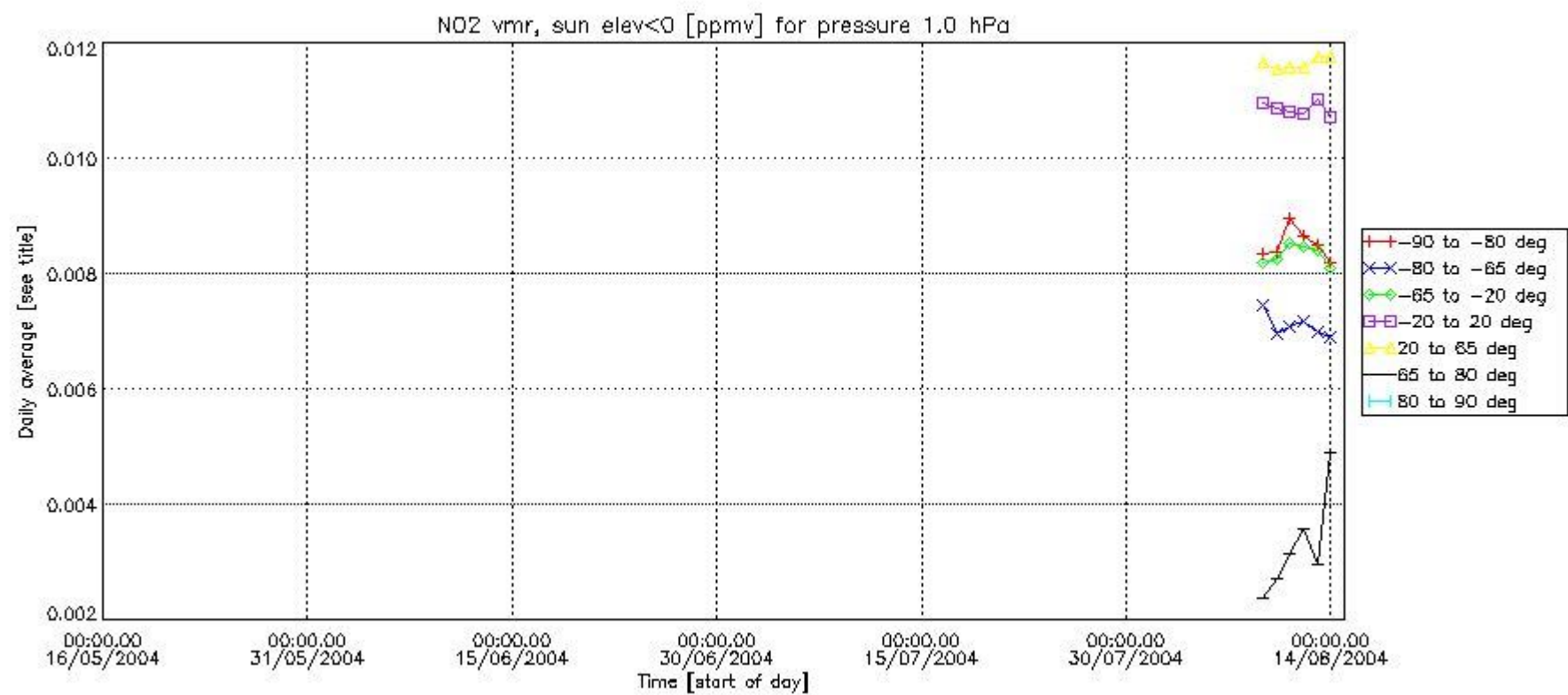
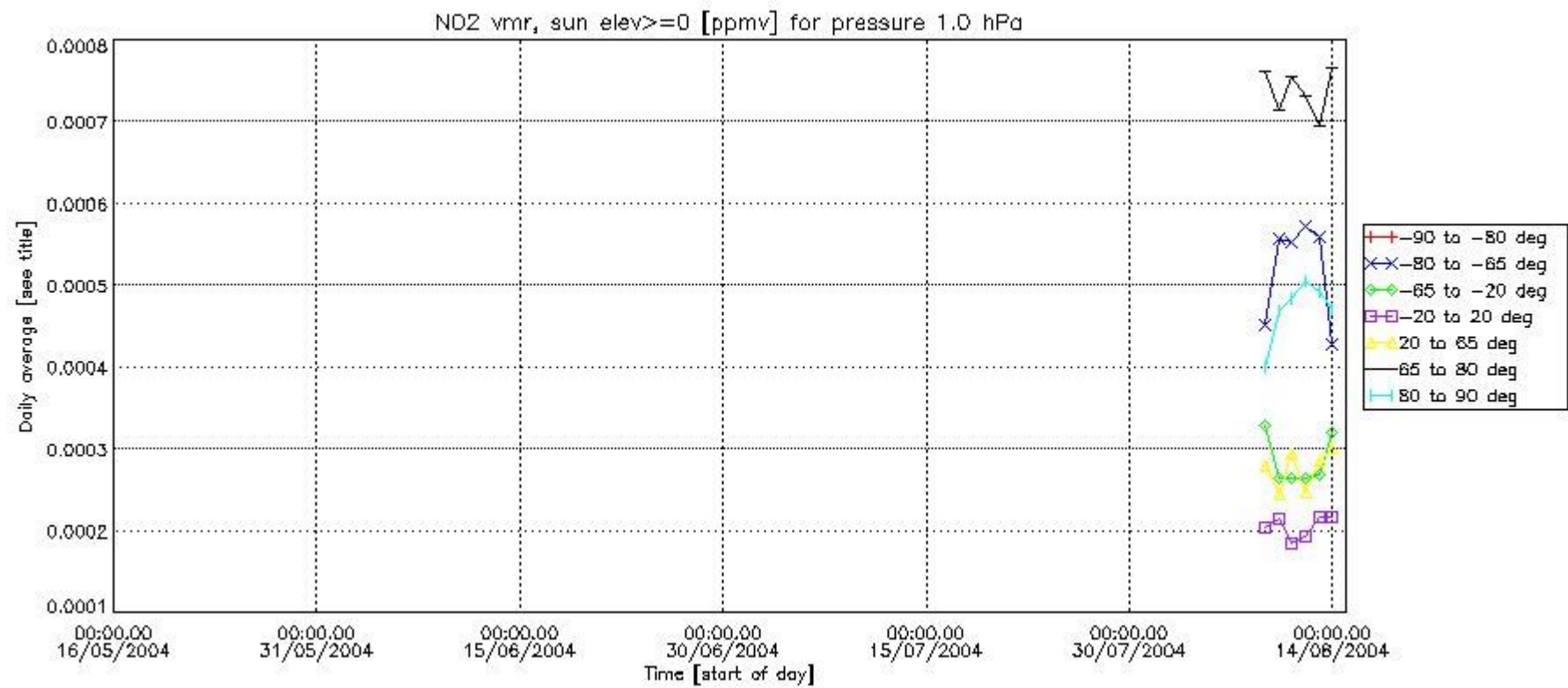


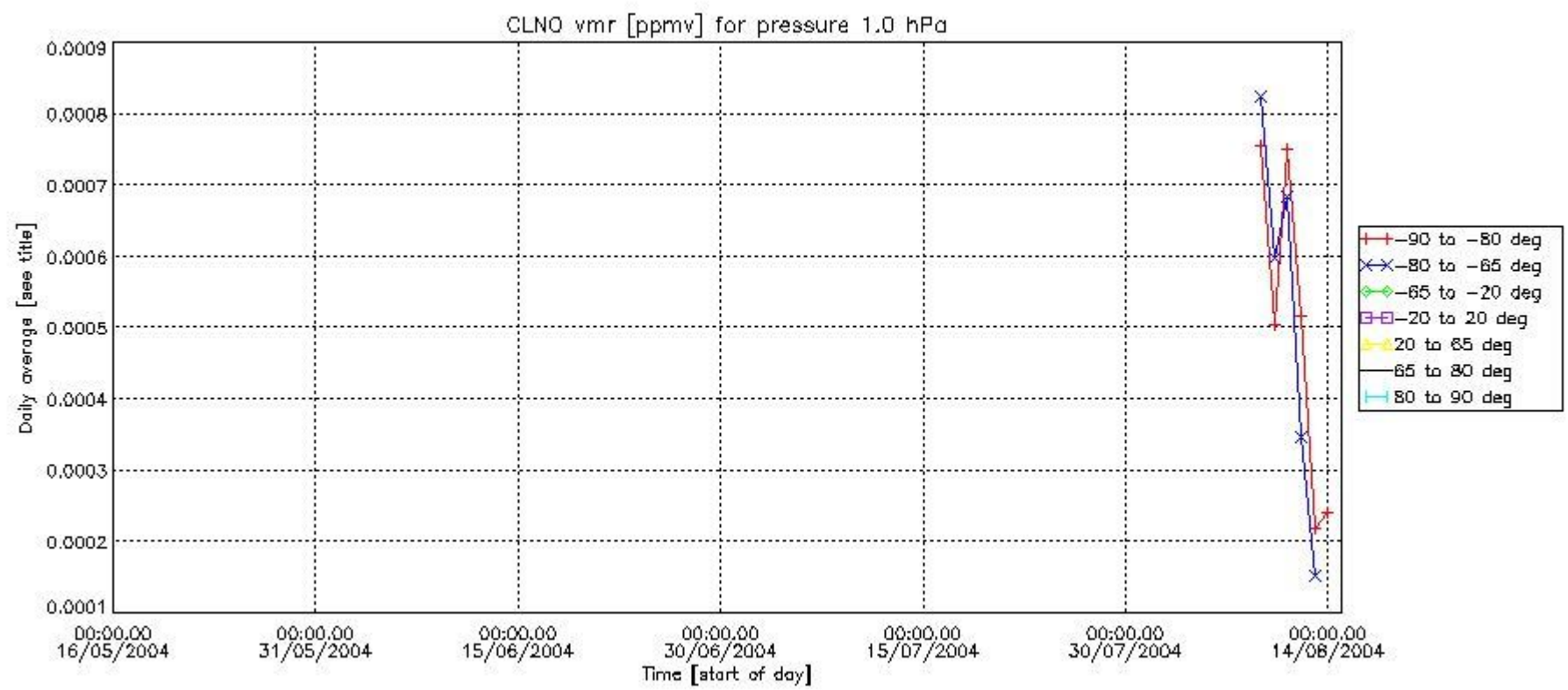
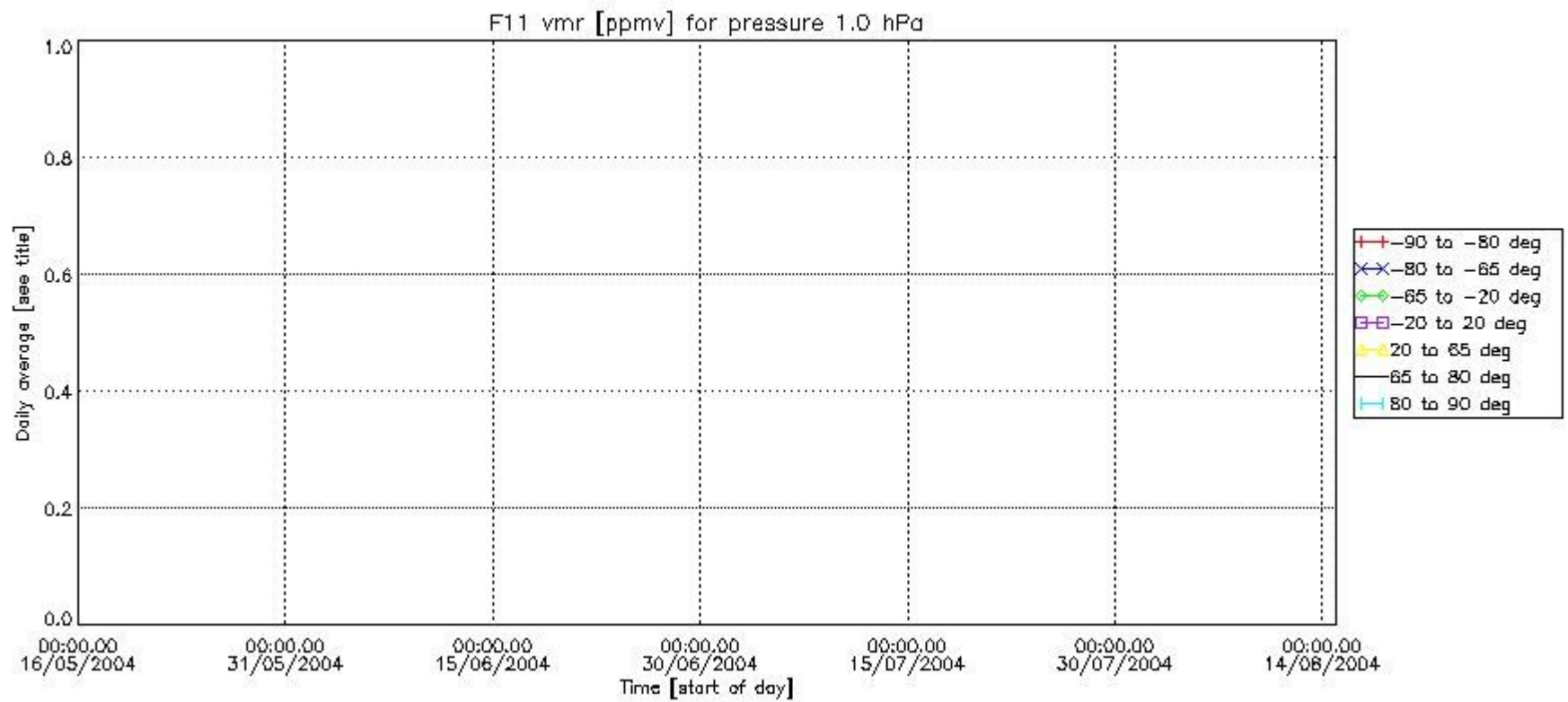


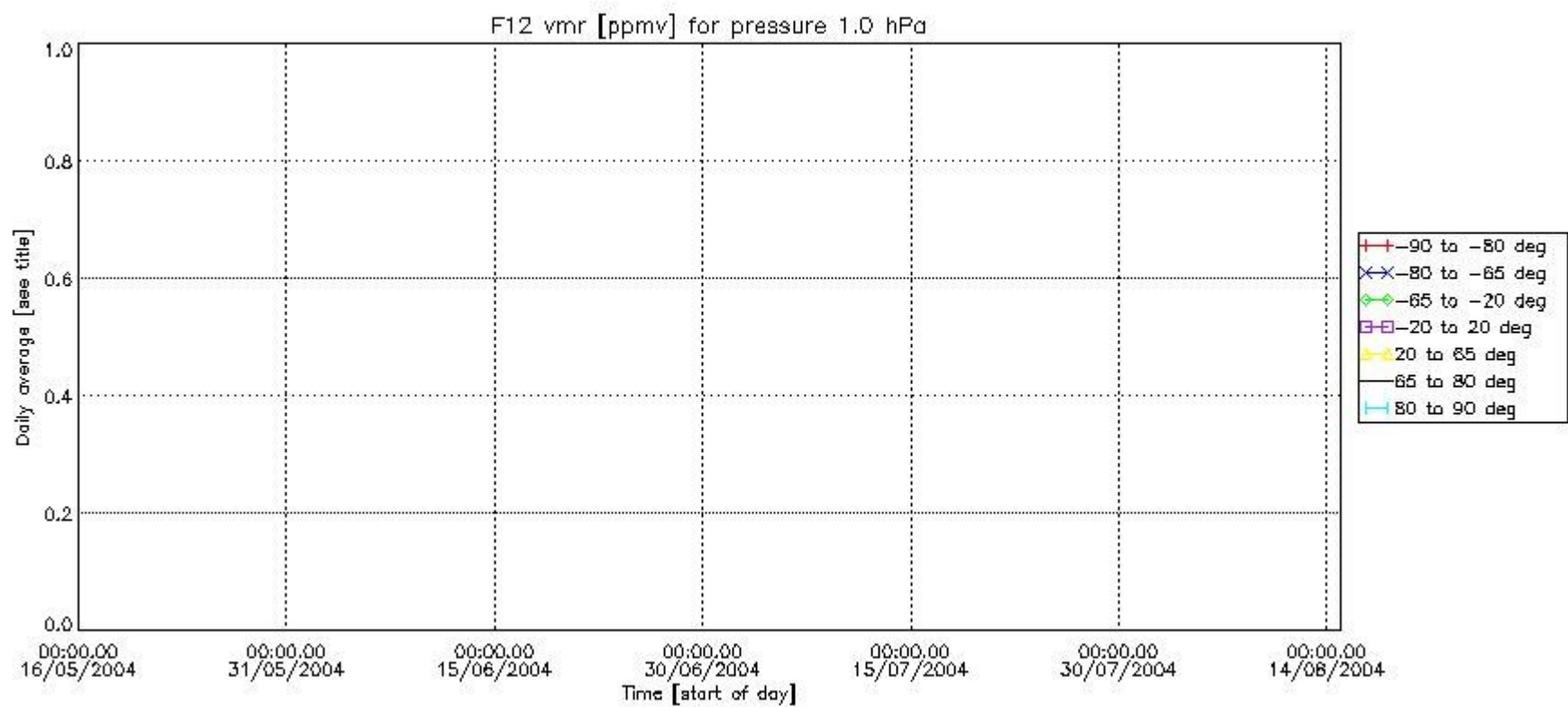
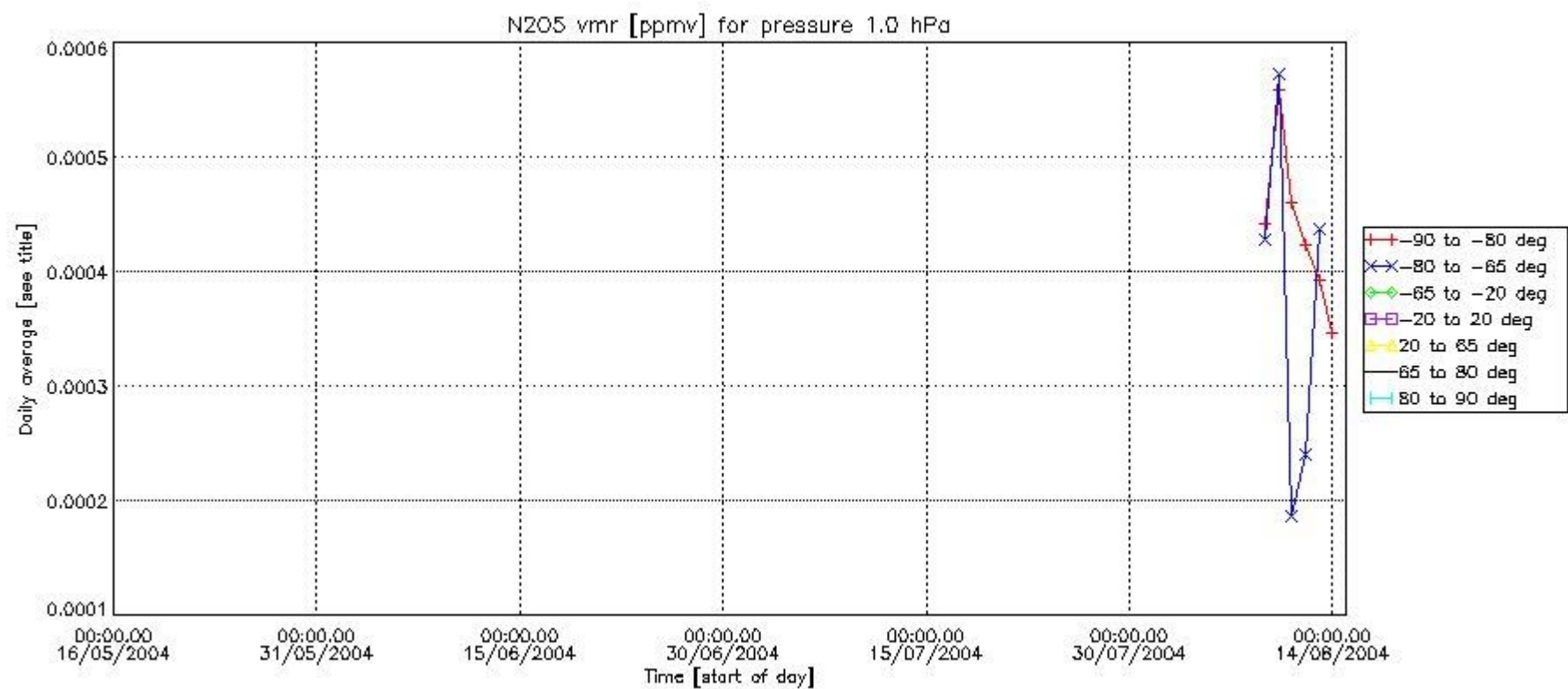


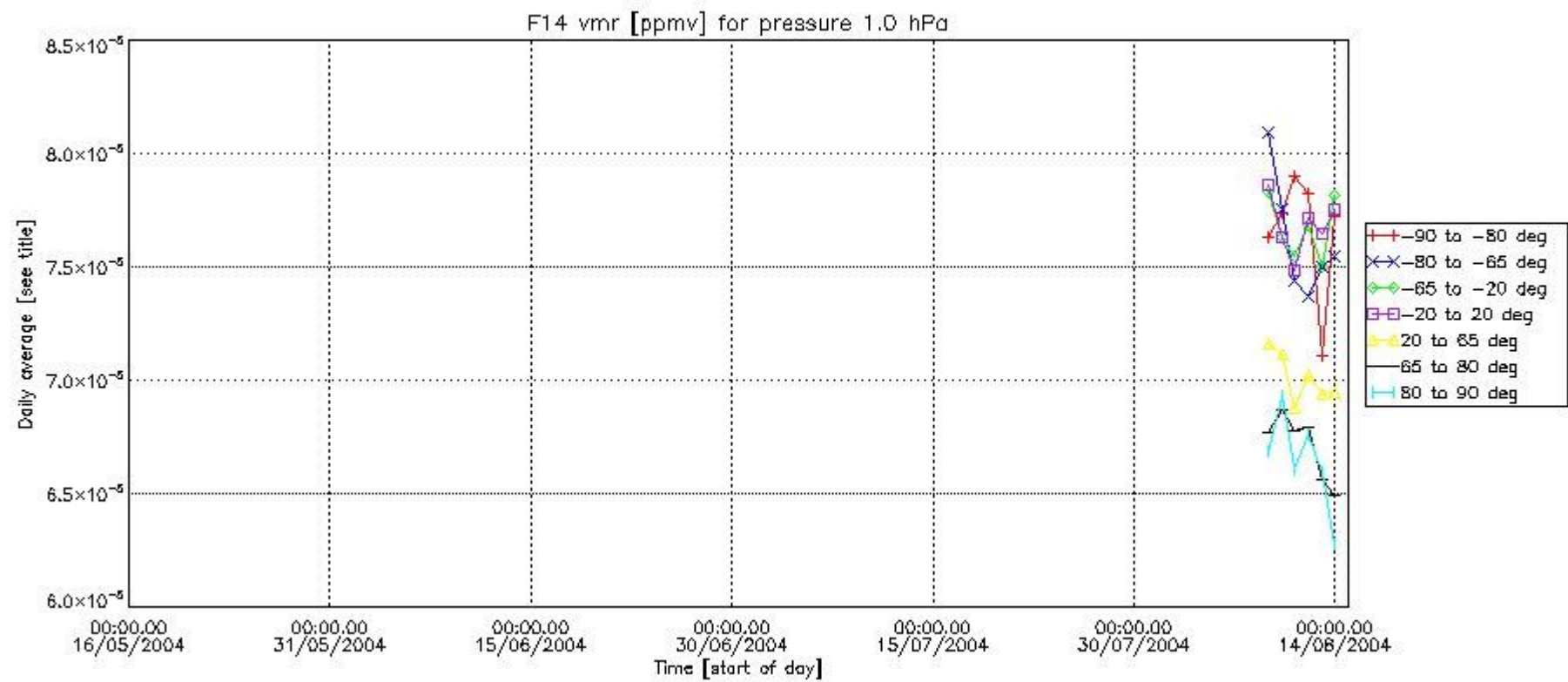
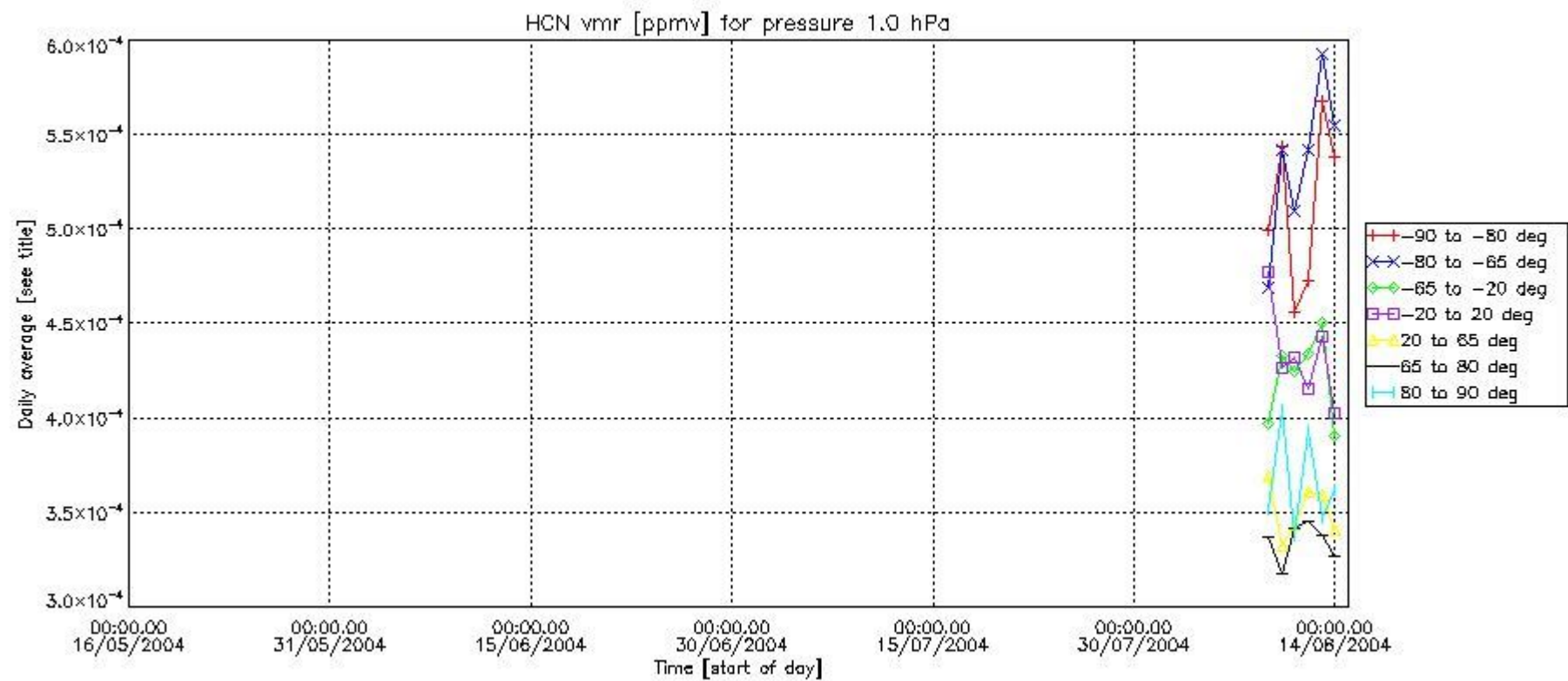


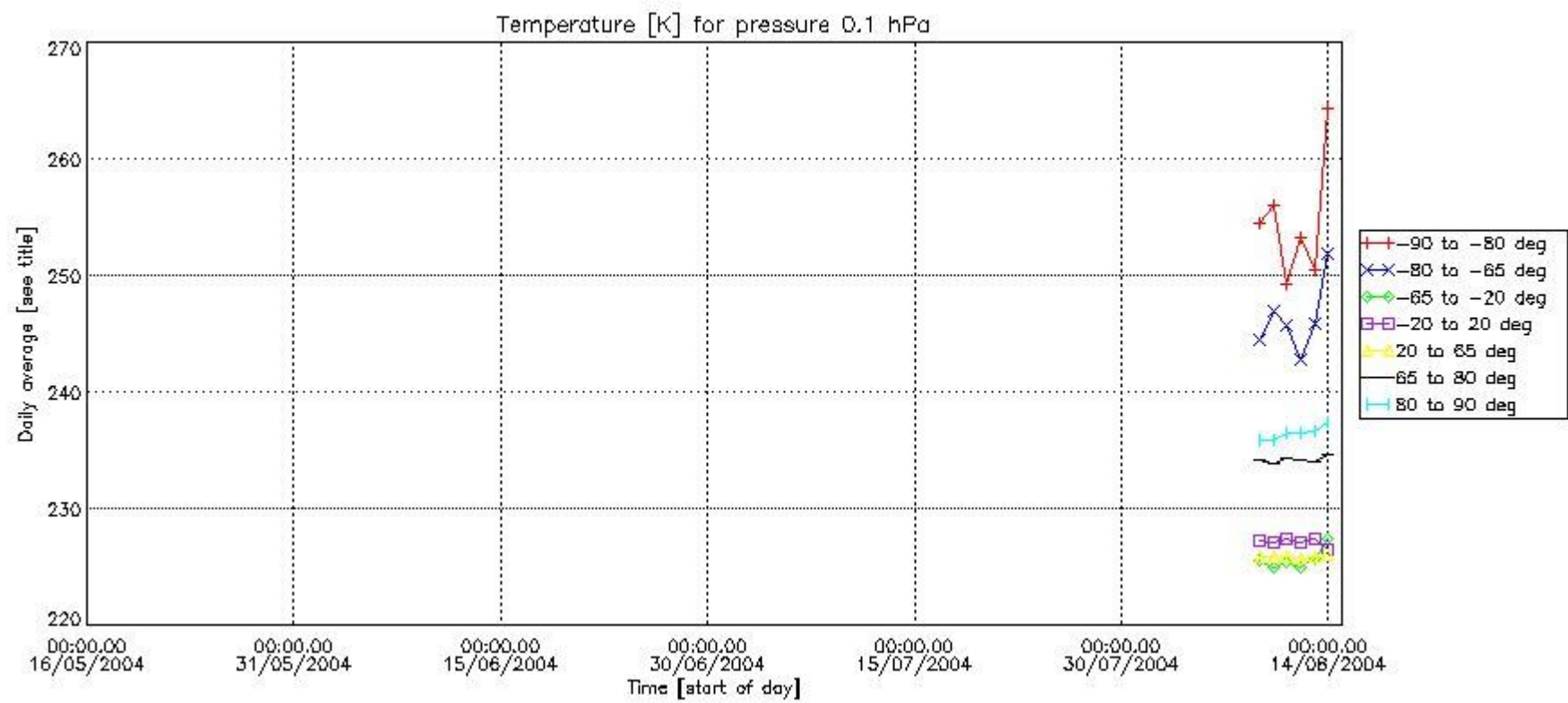
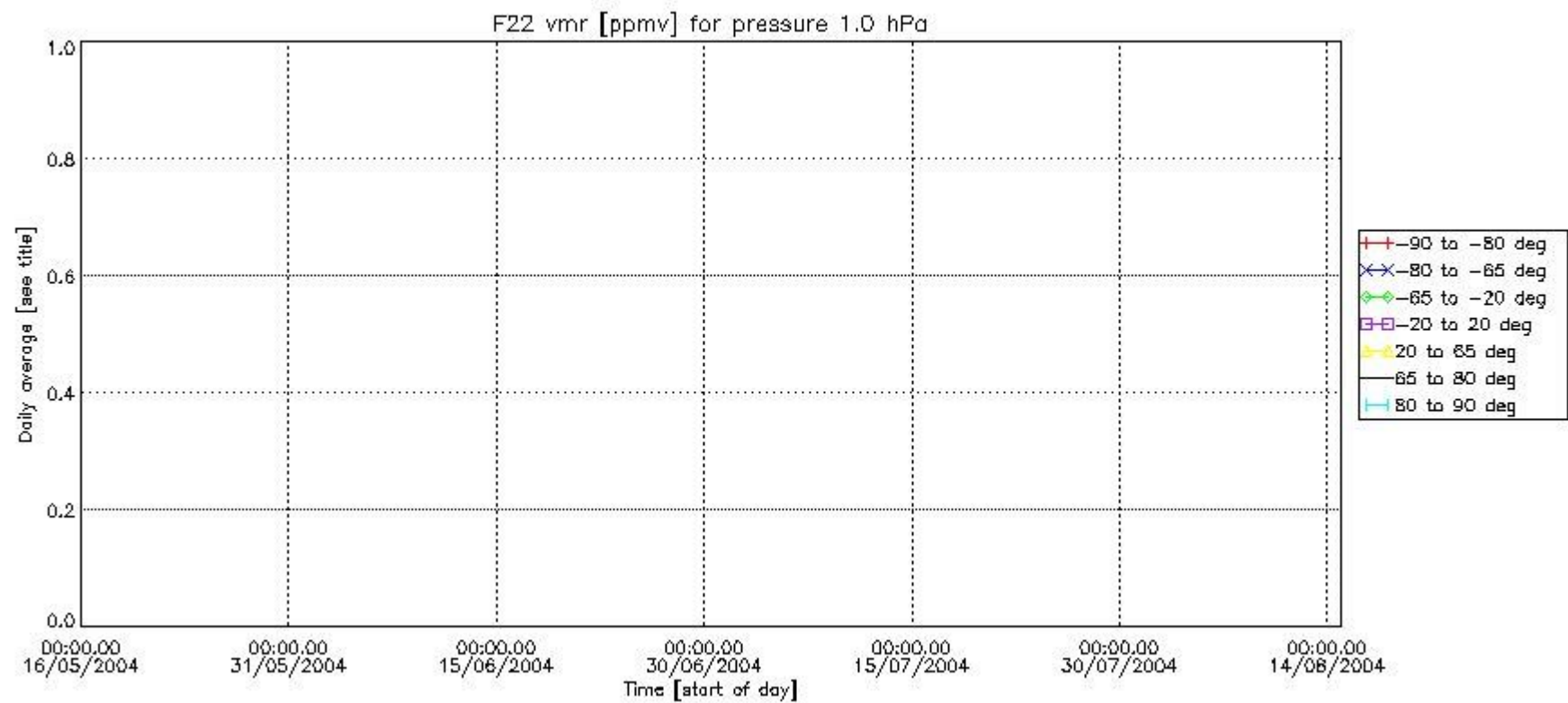


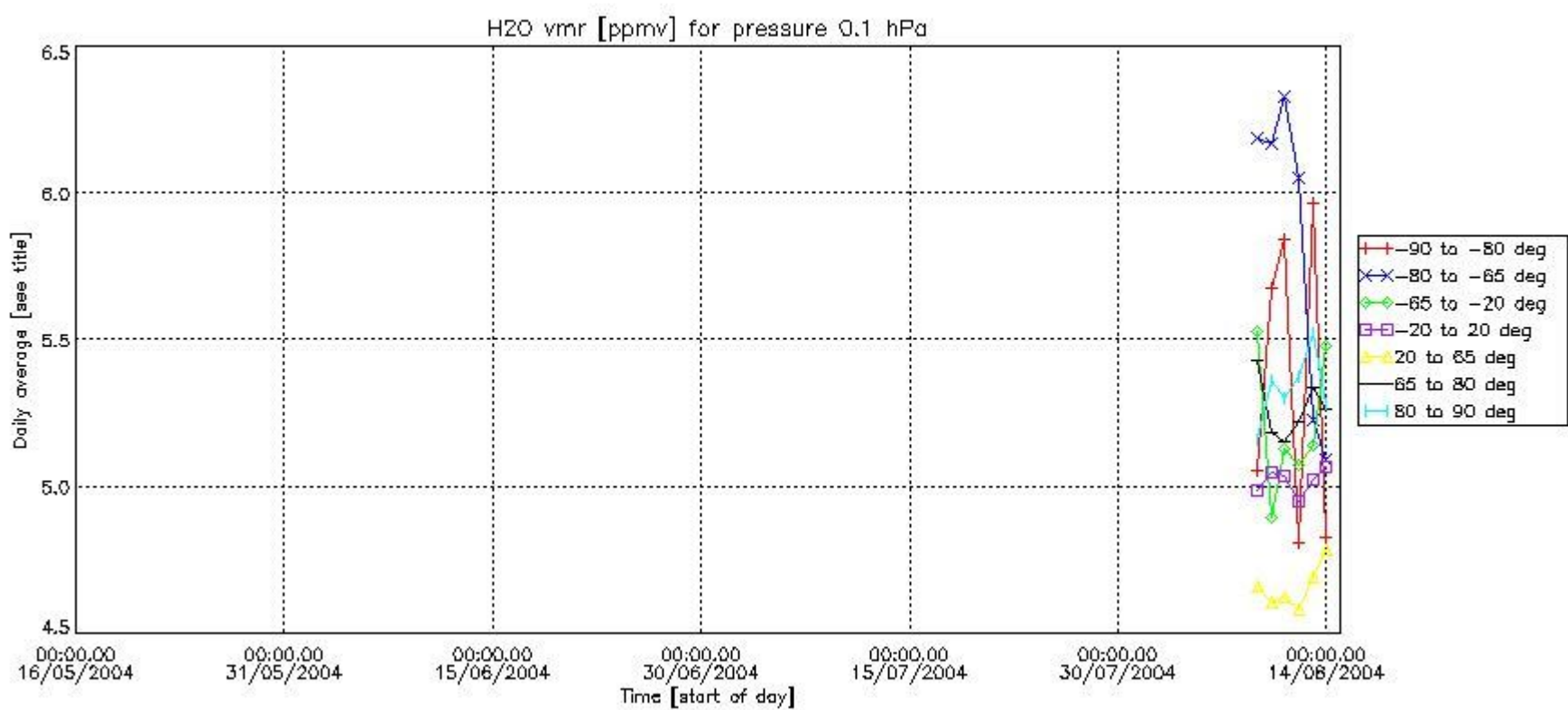
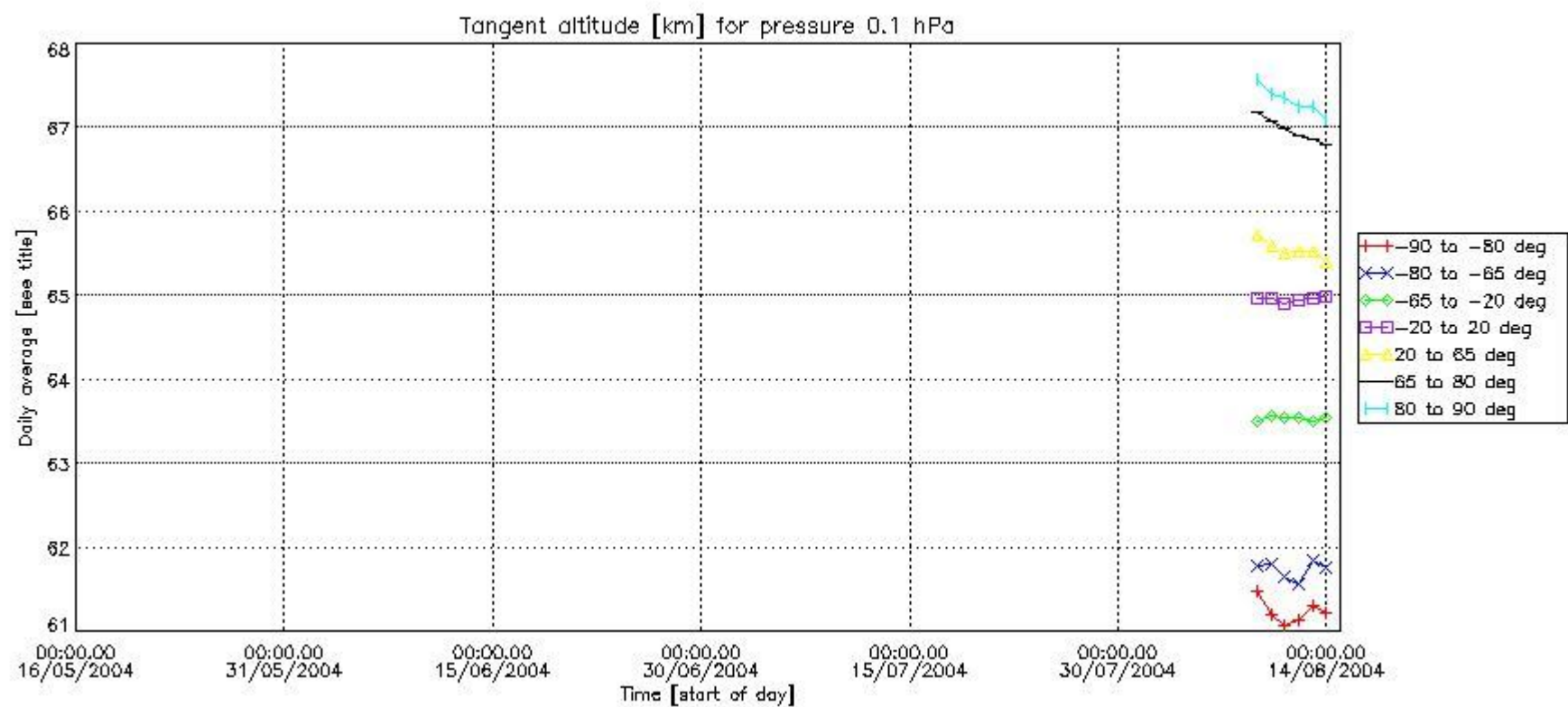


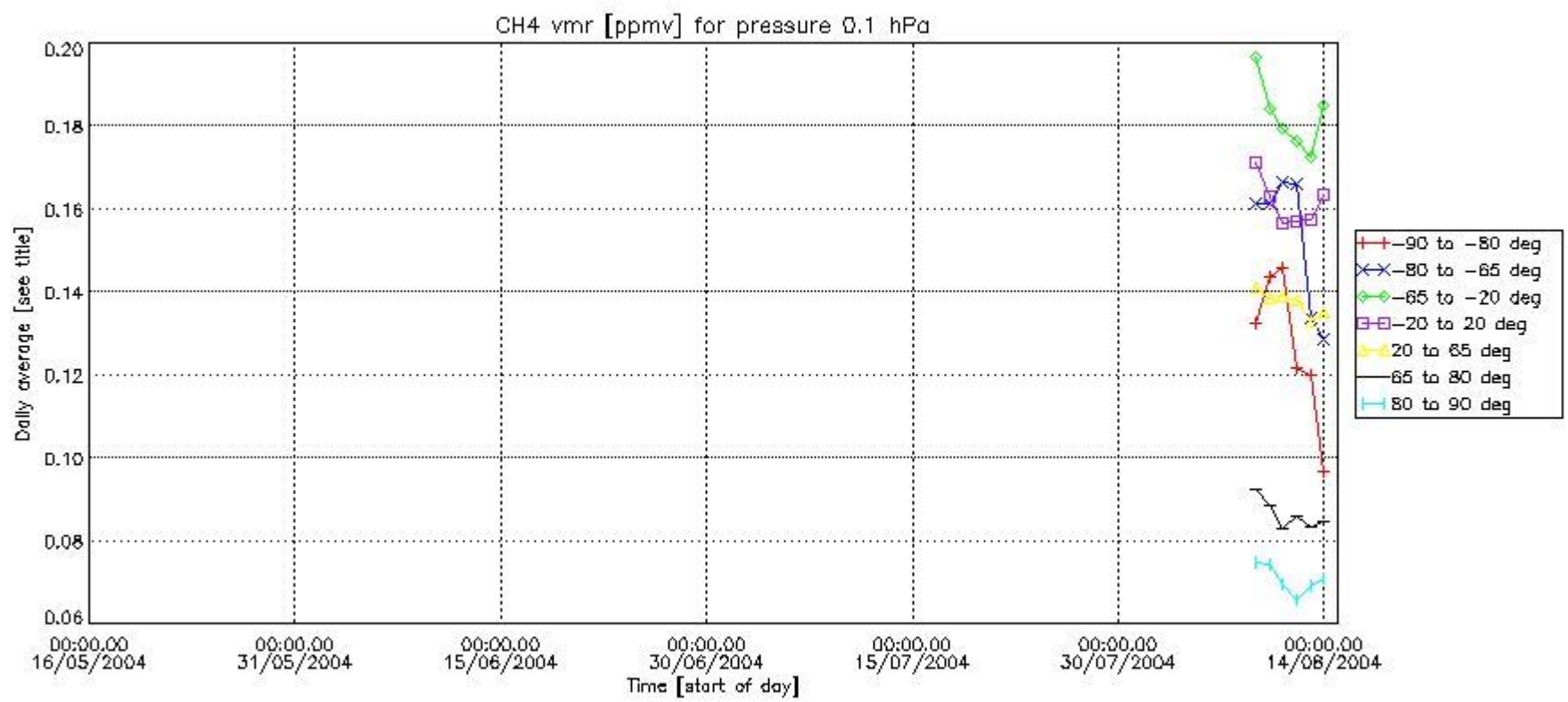
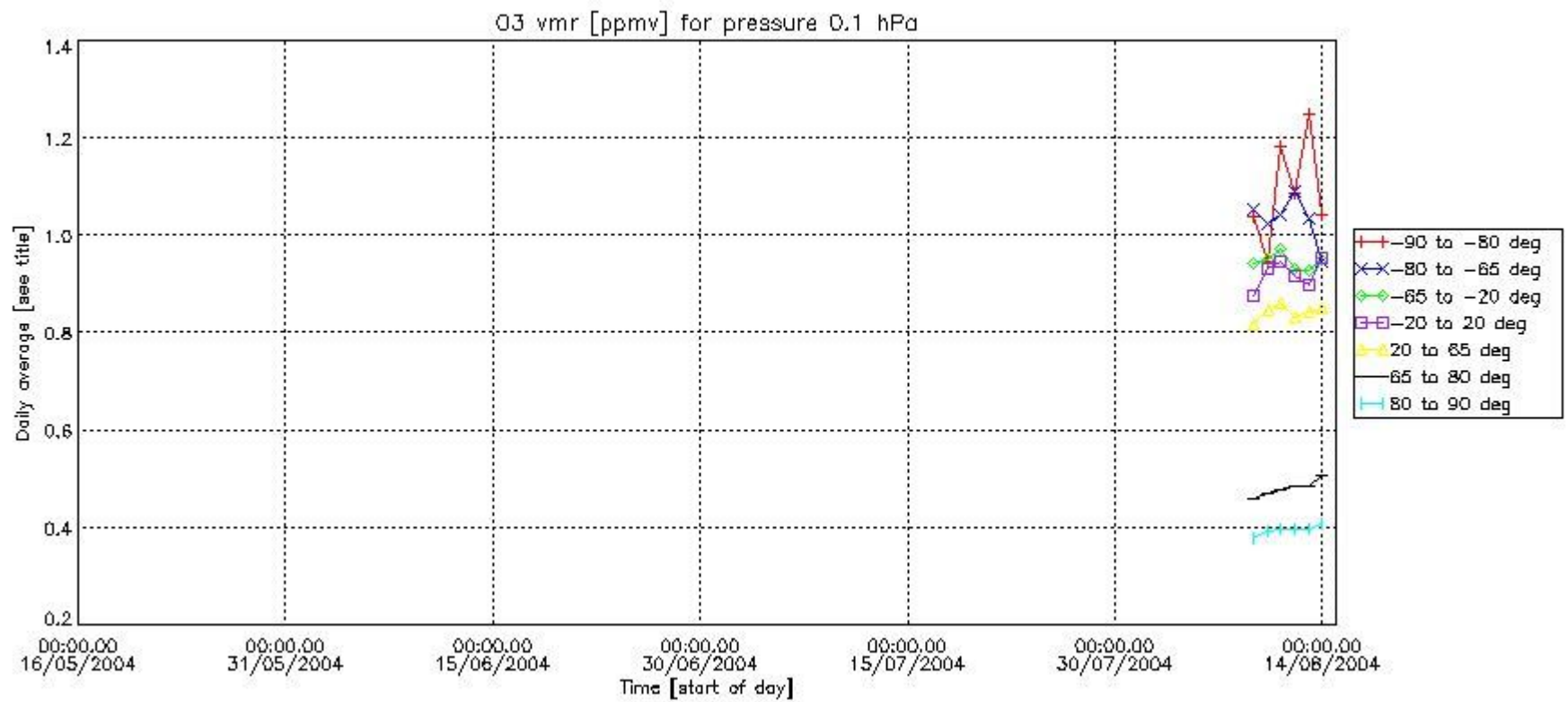


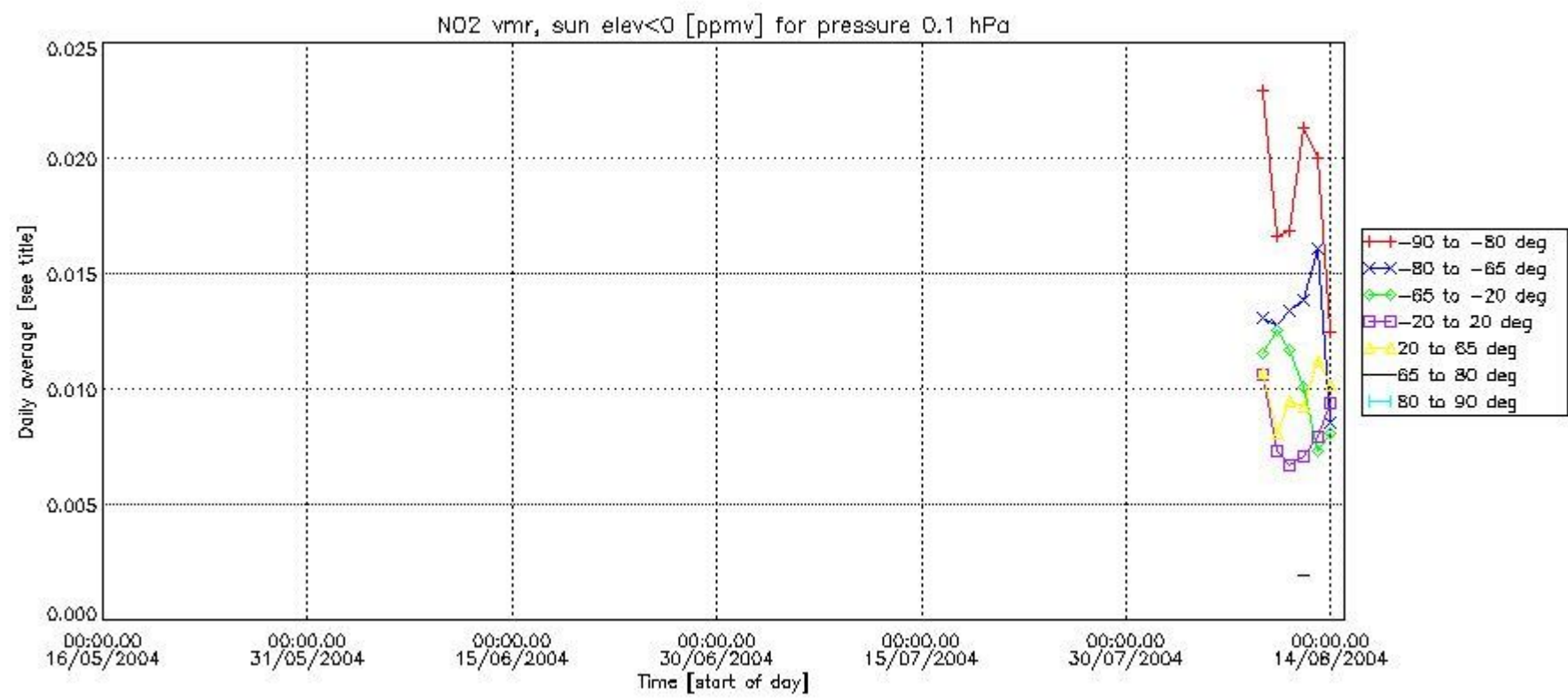
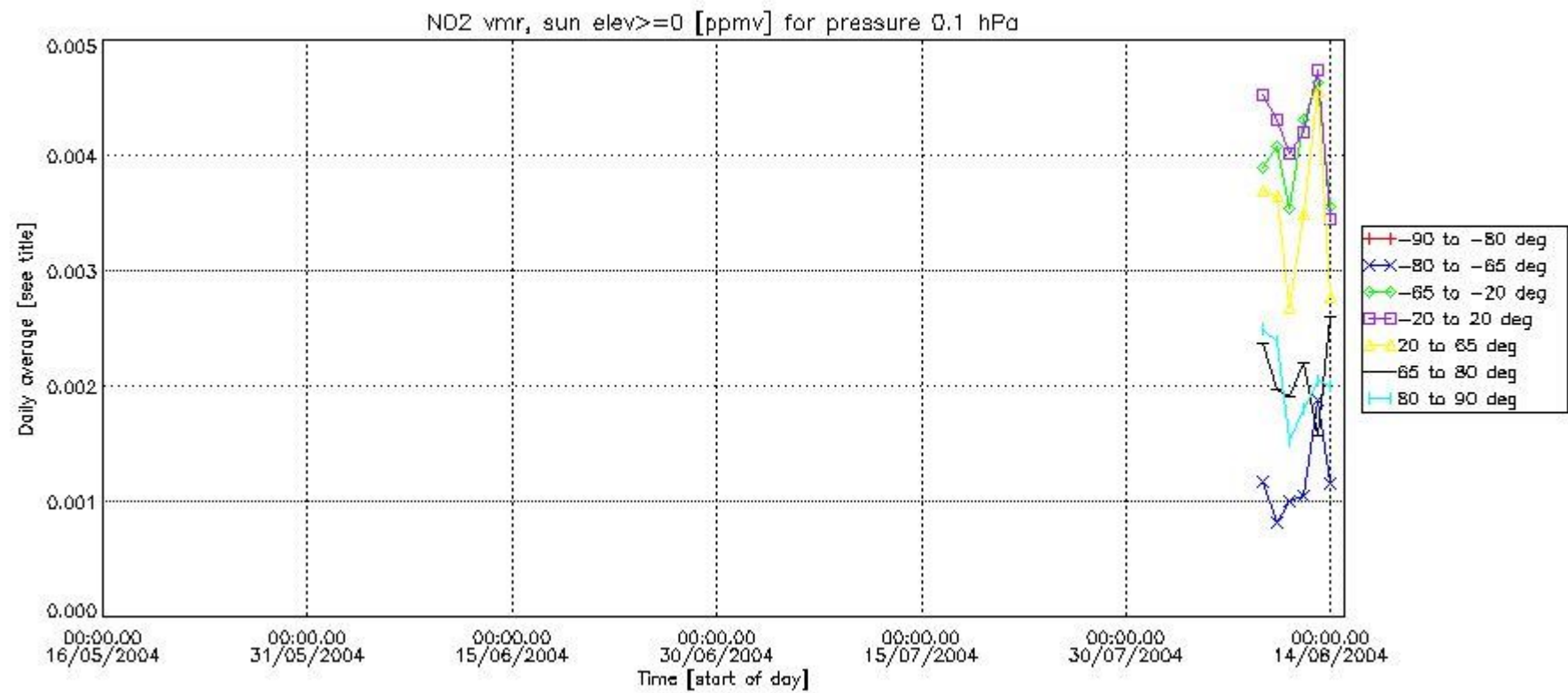


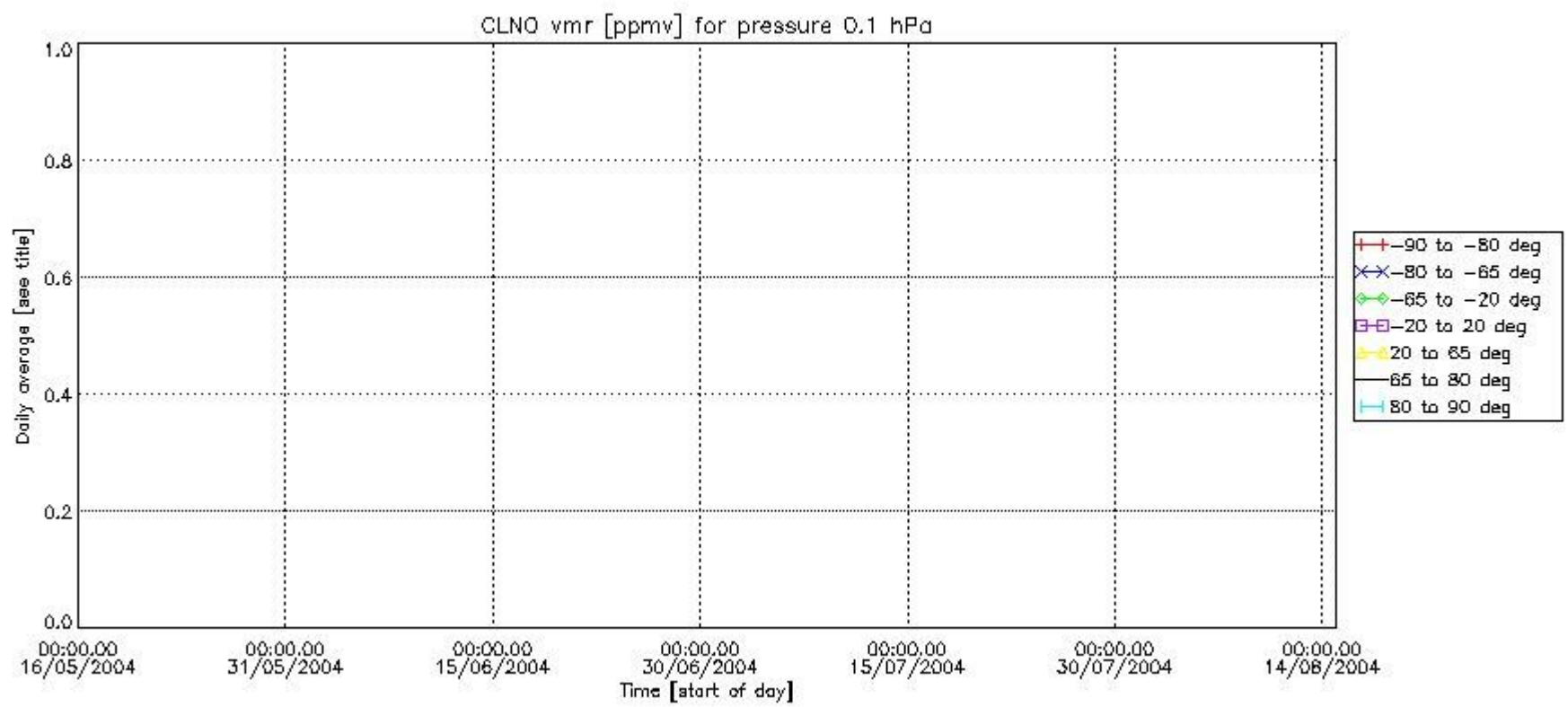
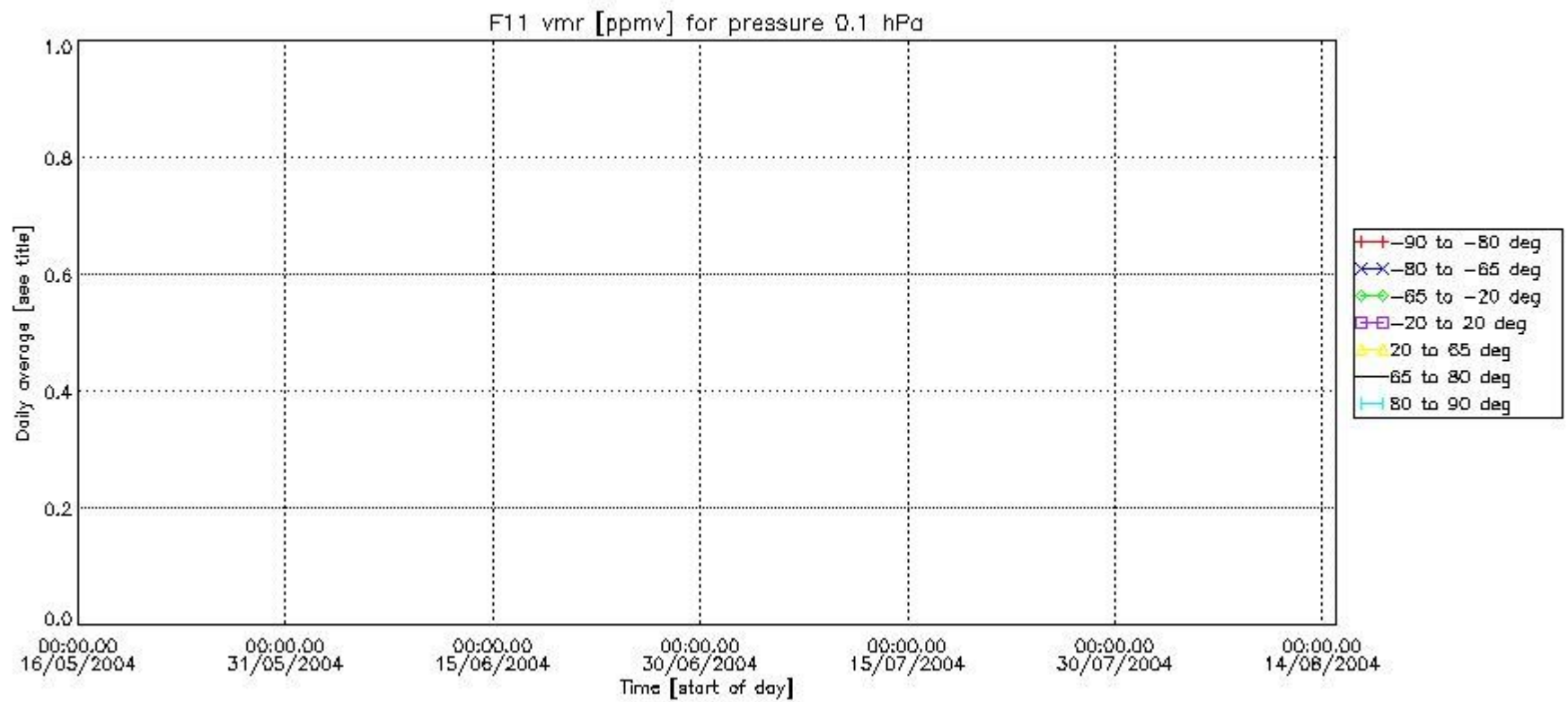


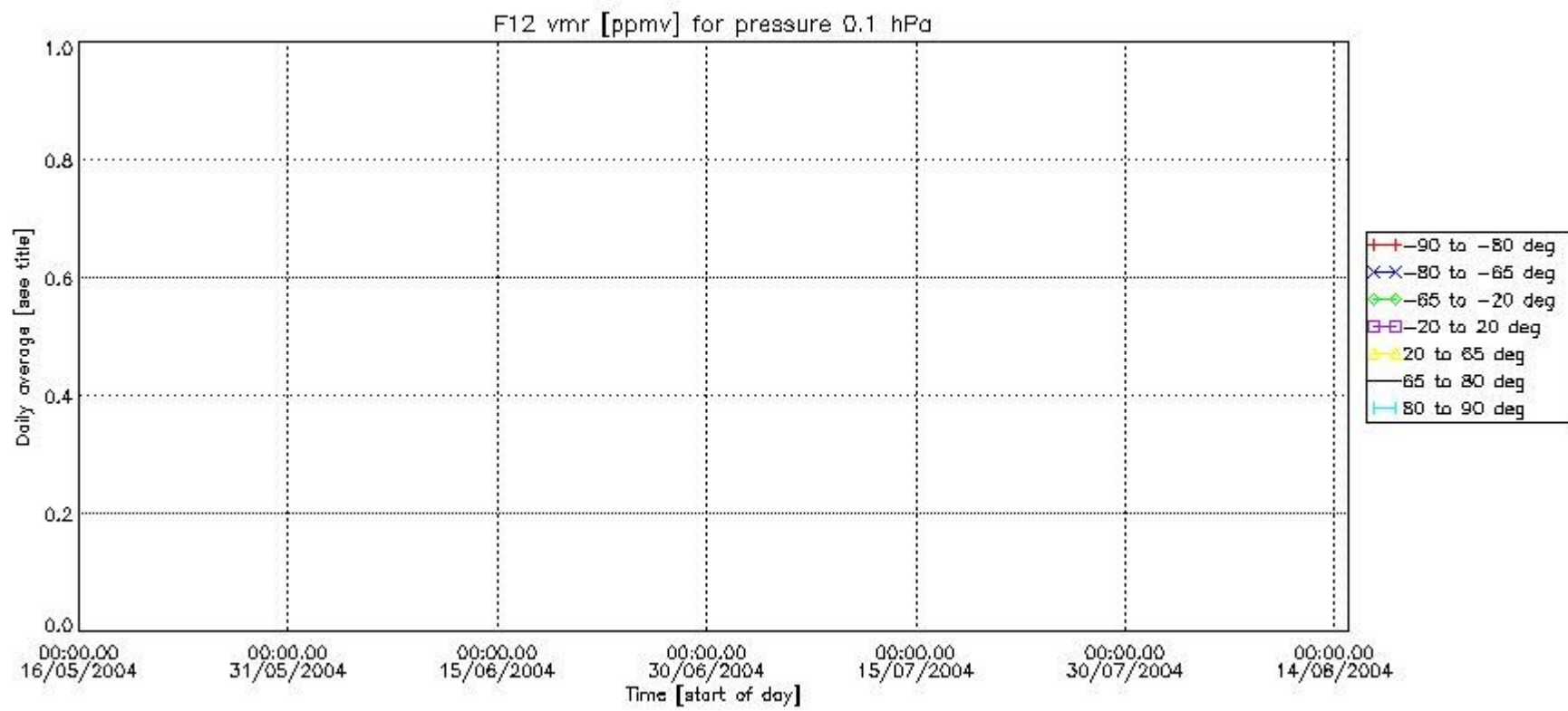
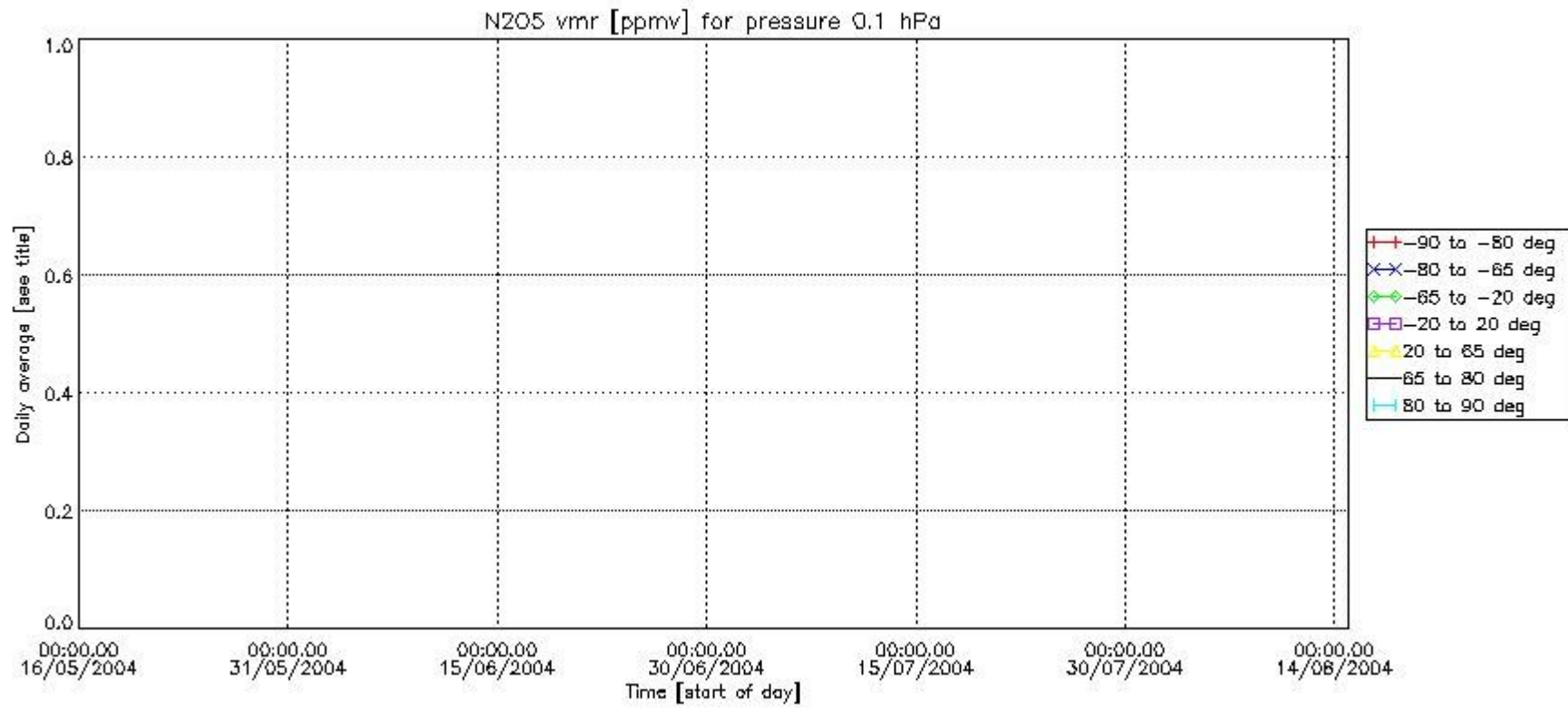


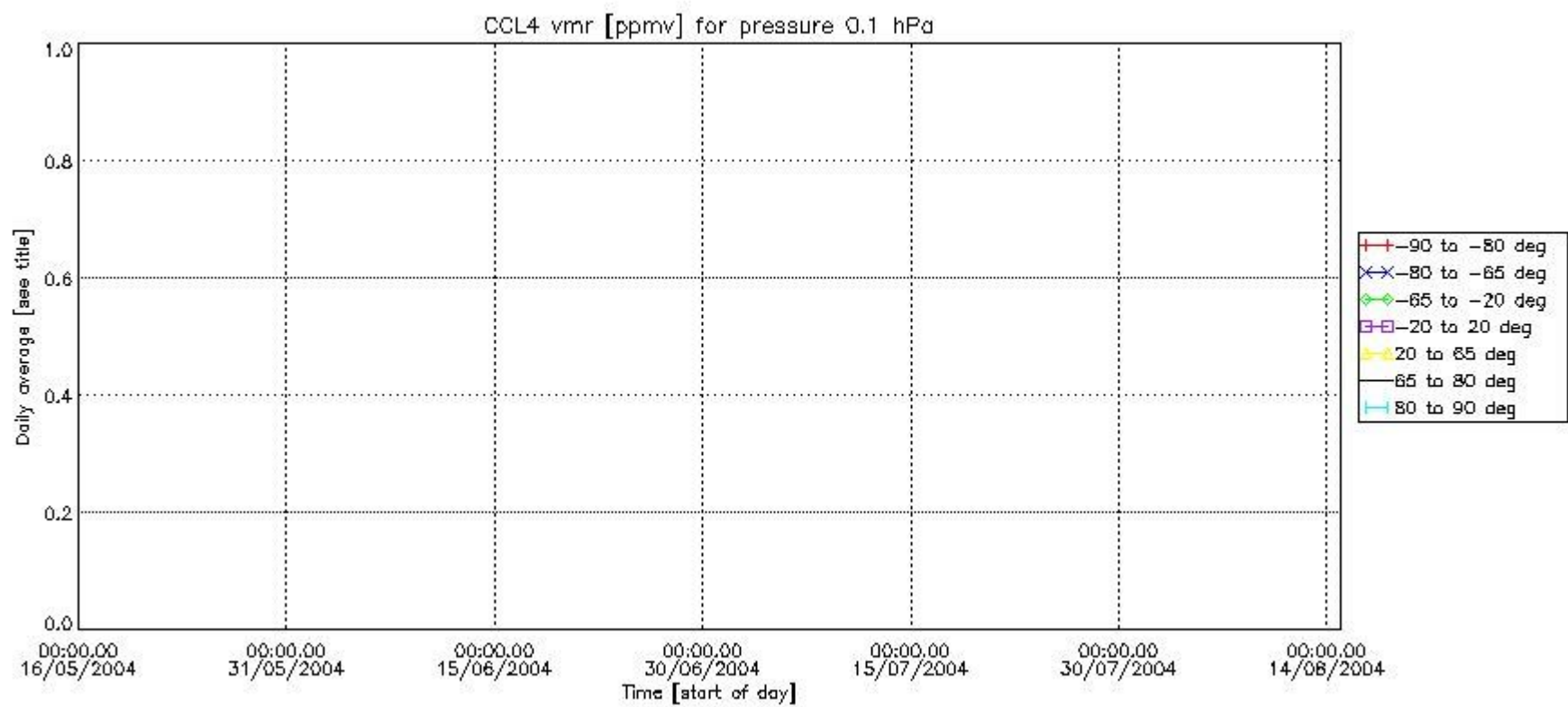
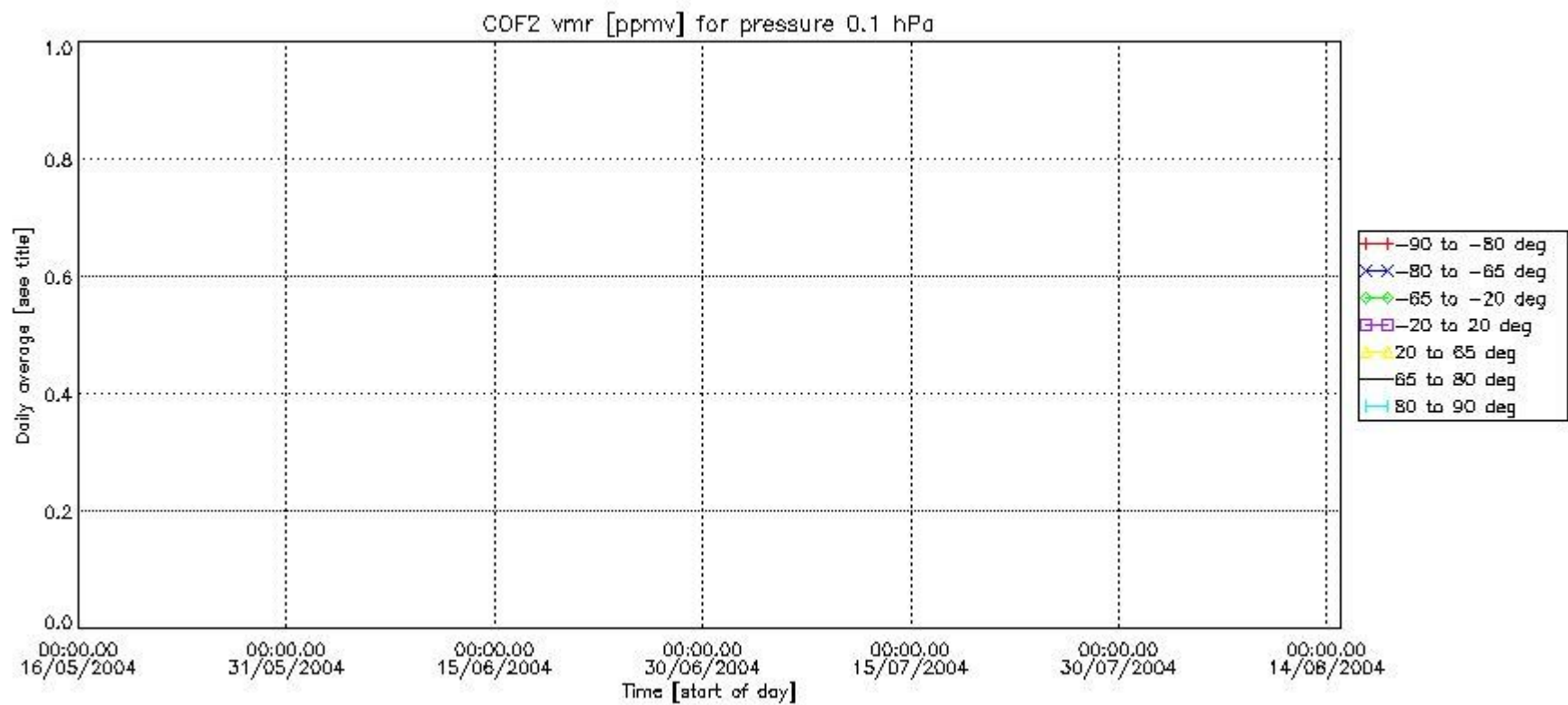


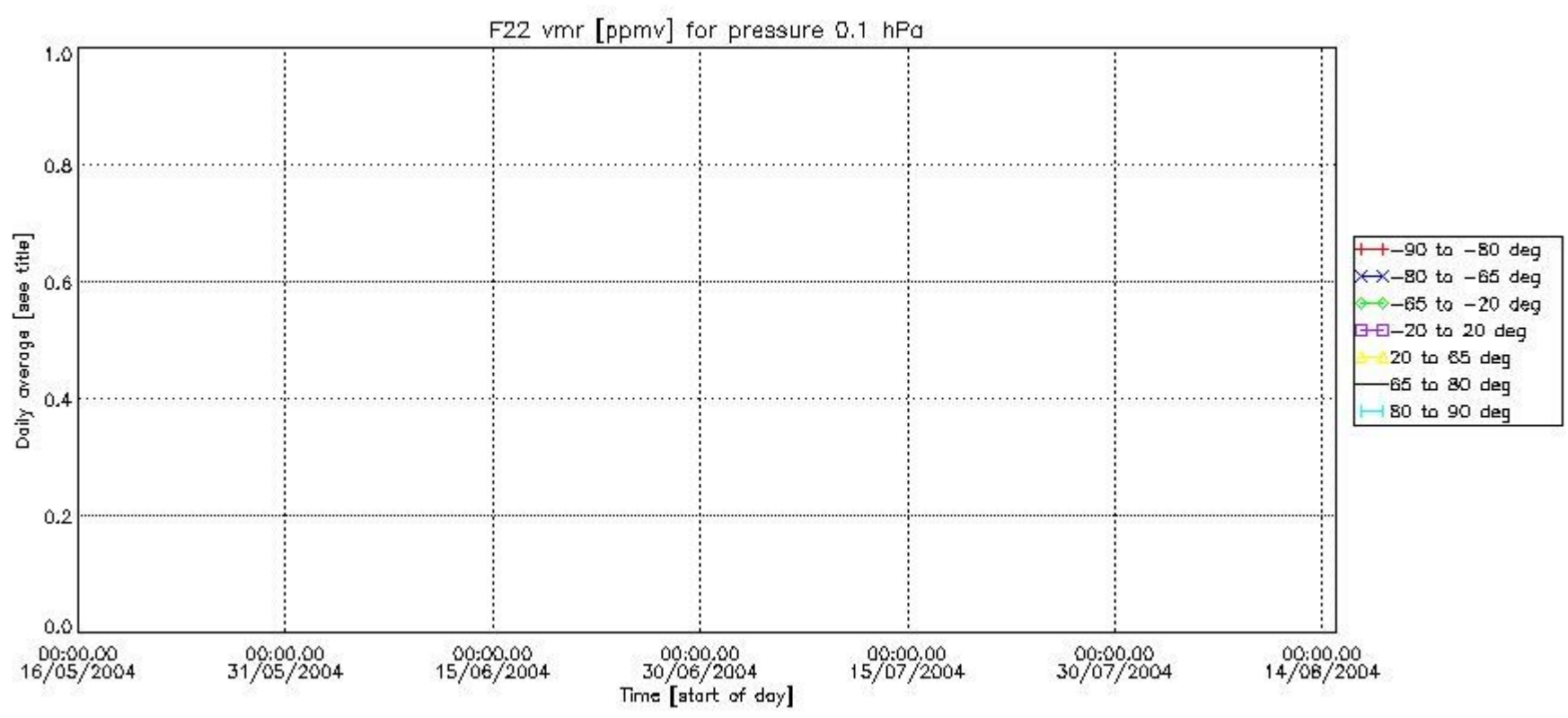












Number of successful retrievals vs. geolocation (*=day side , triangle=night side).

