

2. MIPAS Daily Report for level 2 products summary report

(See [mipas_daily_report_level2_ML2PP_7_03_W_20070502.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	28APR2016 18:53:39
Data source version	ML2PP/7.03-W
Processing scope for products	02MAY2007 00:00:00 to 03MAY2007 00:00:00
Start time of first product within scope	02MAY2007 01:17:37
Stop time of last product within scope	02MAY2007 07:53:54
Total number of level 2 products	5
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__2PWDSI20070502_011737_000055222057_00418_27025_1000.N1	02MAY2007 01:17:37	02MAY2007 02:49:39	0	122/122	VMR_TERM_MACRO_MICRO[COF2/micro:1; HCN/micro:2]
1	MIP_NL__2PWDSI20070502_025030_000060062057_00419_27026_1000.N1	02MAY2007 02:50:30	02MAY2007 04:30:36	0	127/127	VMR_TERM_MACRO_MICRO[HCN/micro:2; F14/micro:1]
2	MIP_NL__2PWDSI20070502_043042_000060342057_00420_27027_1000.N1	02MAY2007 04:30:42	02MAY2007 06:11:16	0	133/133	VMR_TERM_MACRO_MICRO[F14/macro:3; CCL4/micro:1; HCN/micro:2; F14/micro:1]
3	MIP_NL__2PWDSI20070502_061122_000059902057_00421_27028_1000.N1	02MAY2007 06:11:22	02MAY2007 07:51:13	0	132/132	VMR_TERM_MACRO_MICRO[HCN/micro:1]
4	MIP_NL__2PWDSI20070502_075148_000001252057_00422_27029_1000.N1	02MAY2007 07:51:48	02MAY2007 07:53:54	0	3/3	

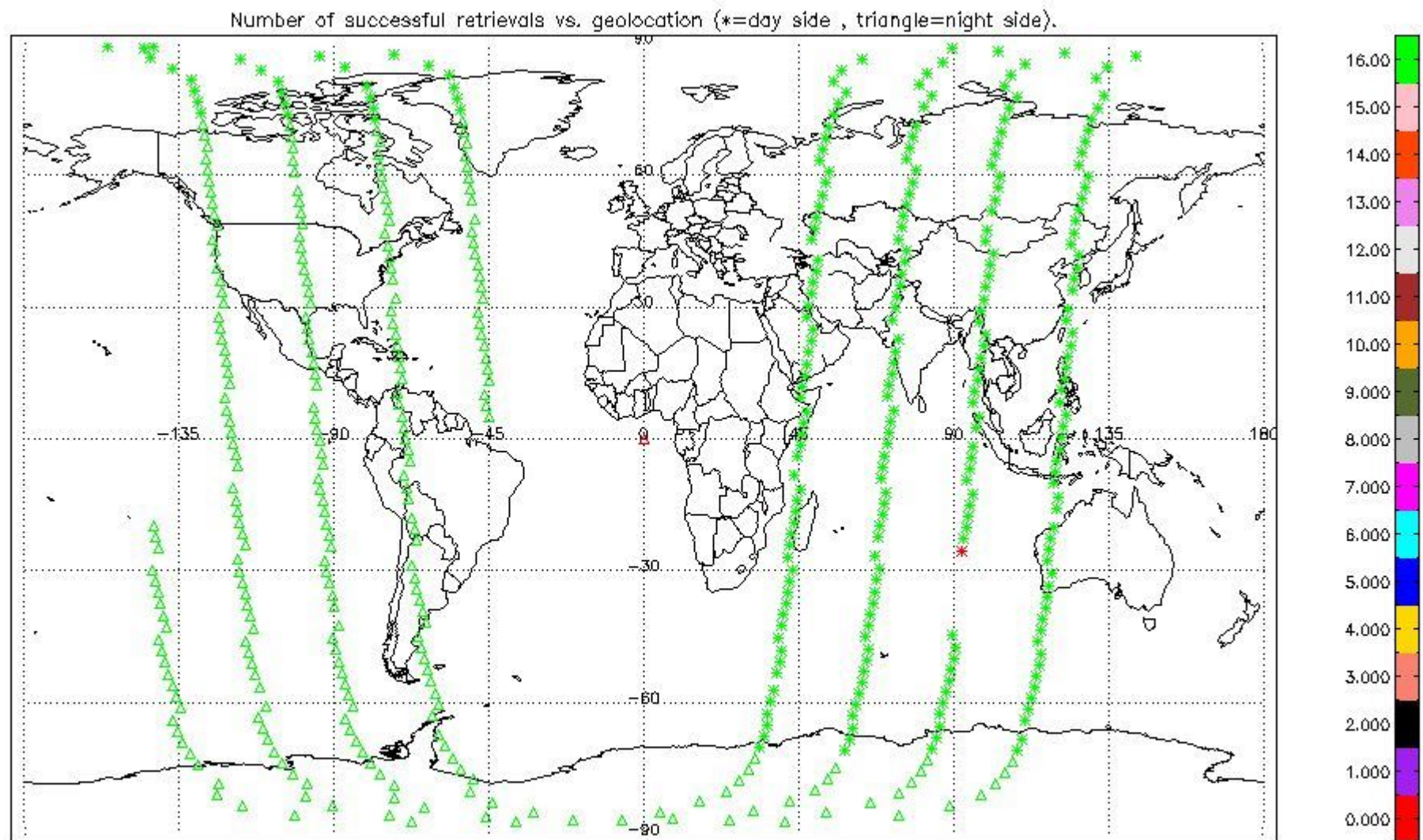
2.2 Processing performance indicators

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.

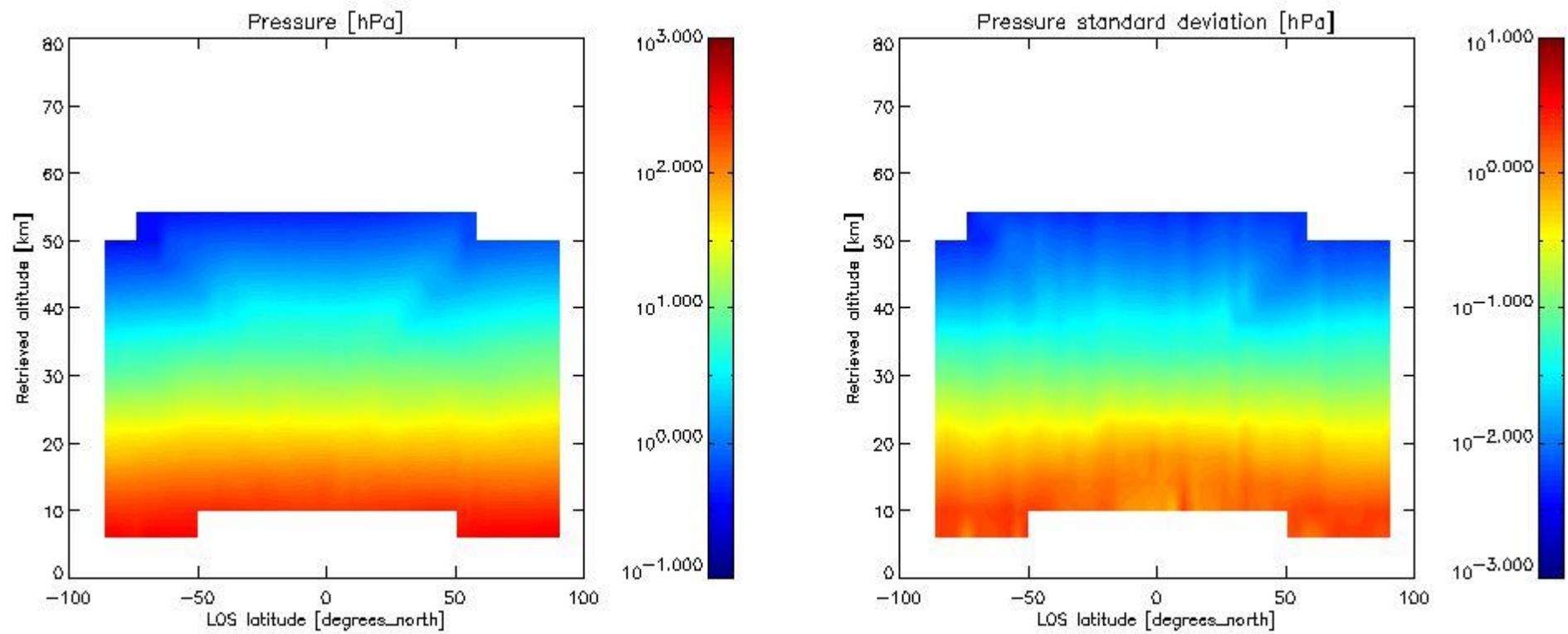
RETRIEVAL MDS	# scans processed	# Successful retrievals	%
PT	517	515	99.613
H2O	517	515	99.613
O3	517	515	99.613
HNO3	517	515	99.613
CH4	517	515	99.613

N2O	517	515	99.613
NO2	517	515	99.613
F11	517	515	99.613
CLNO	517	515	99.613
N2O5	517	515	99.613
F12	517	515	99.613
COF2	517	515	99.613
CCL4	517	515	99.613
HCN	517	515	99.613
F14	517	515	99.613
F22	517	515	99.613



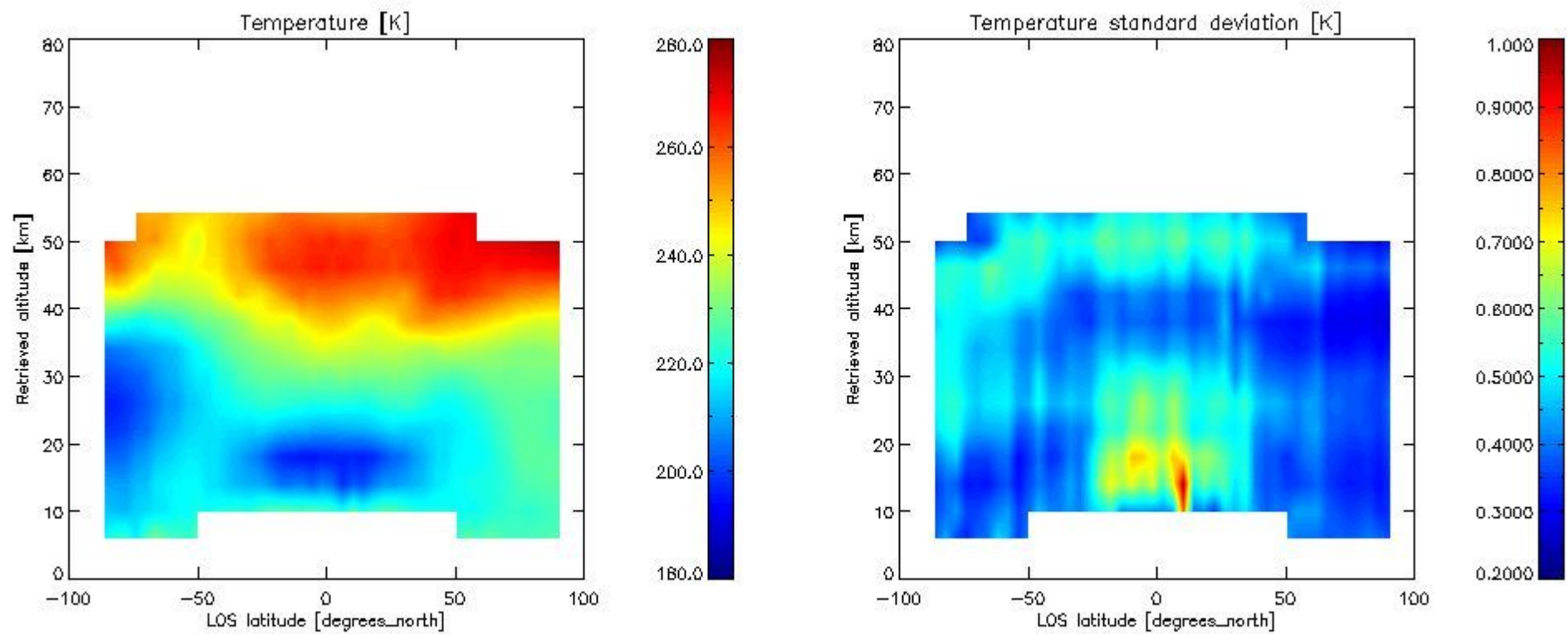
2.2.2 Pressure overview

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



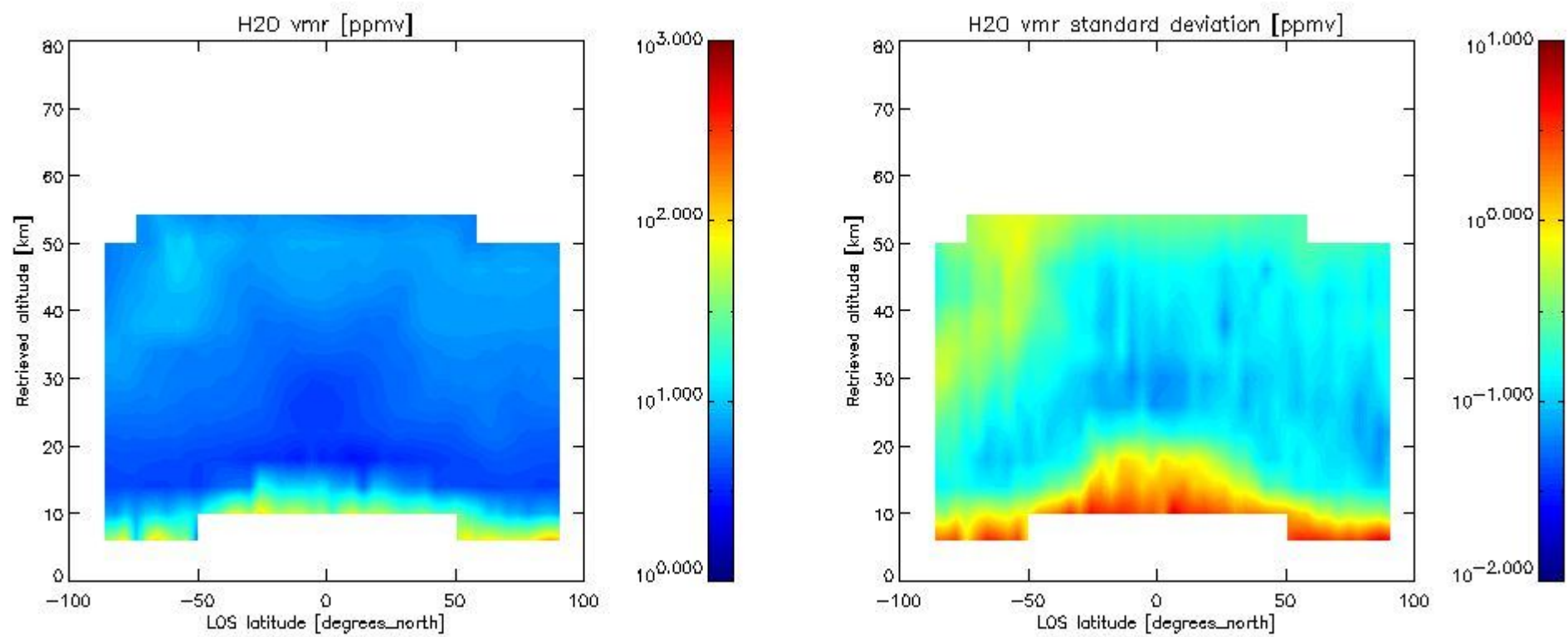
2.2.3 Temperature overview

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

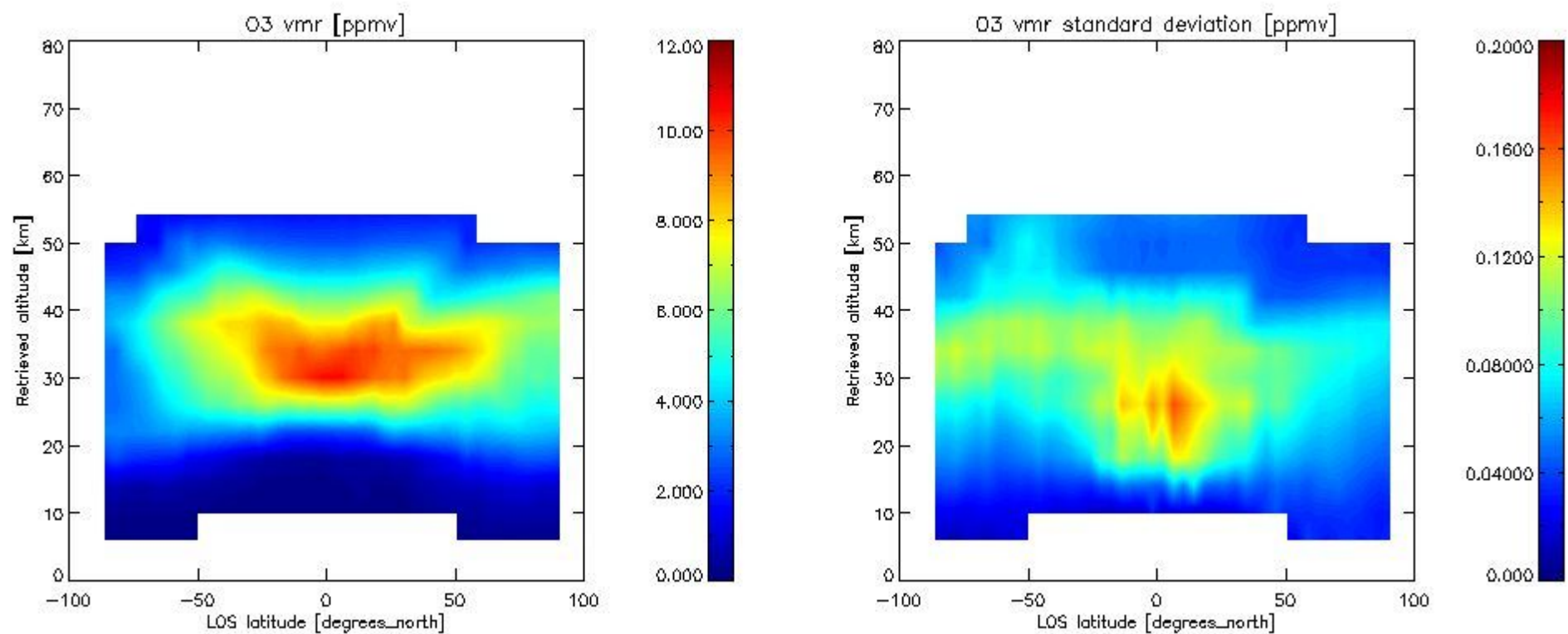


2.2.4 Species overview

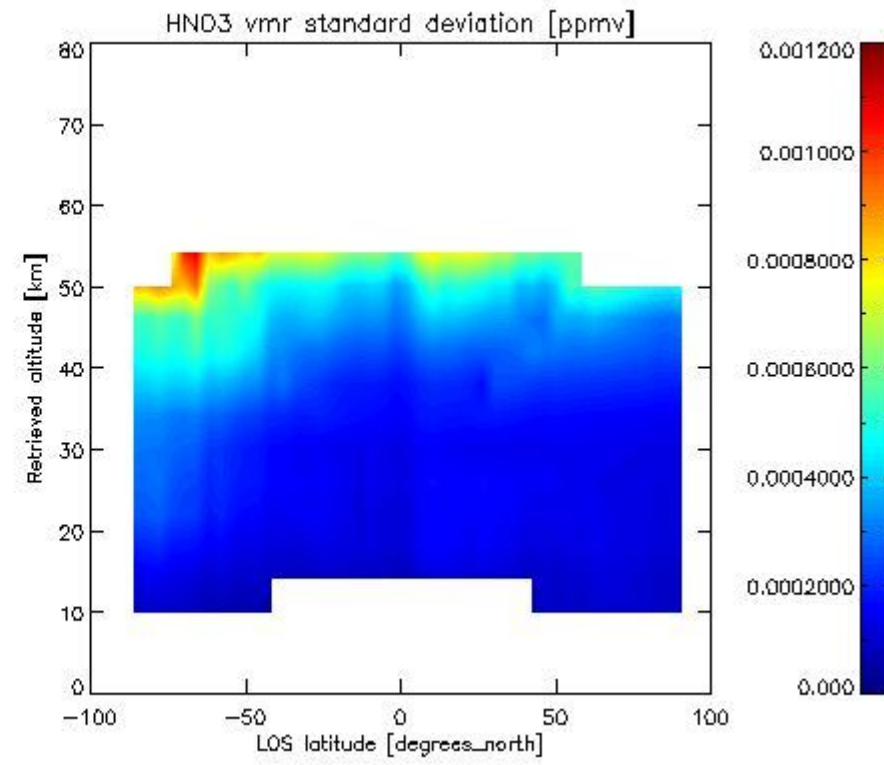
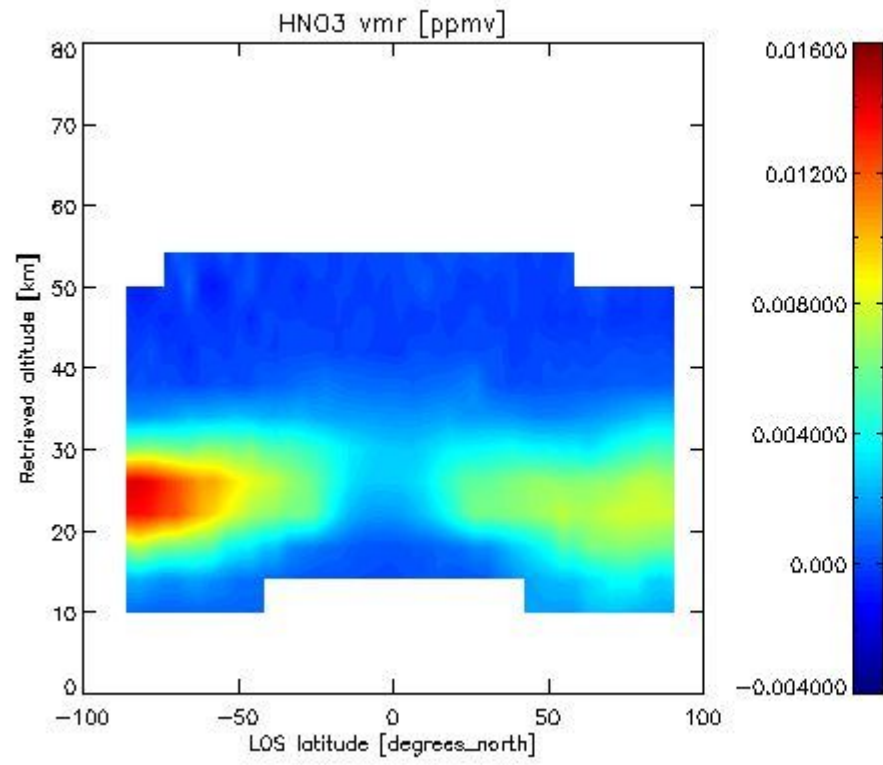
2.2.4.1 H₂O overview This section shows values (left) and error (right) for H₂O after binning individual sweep values over retrieved altitude and tangent latitude.



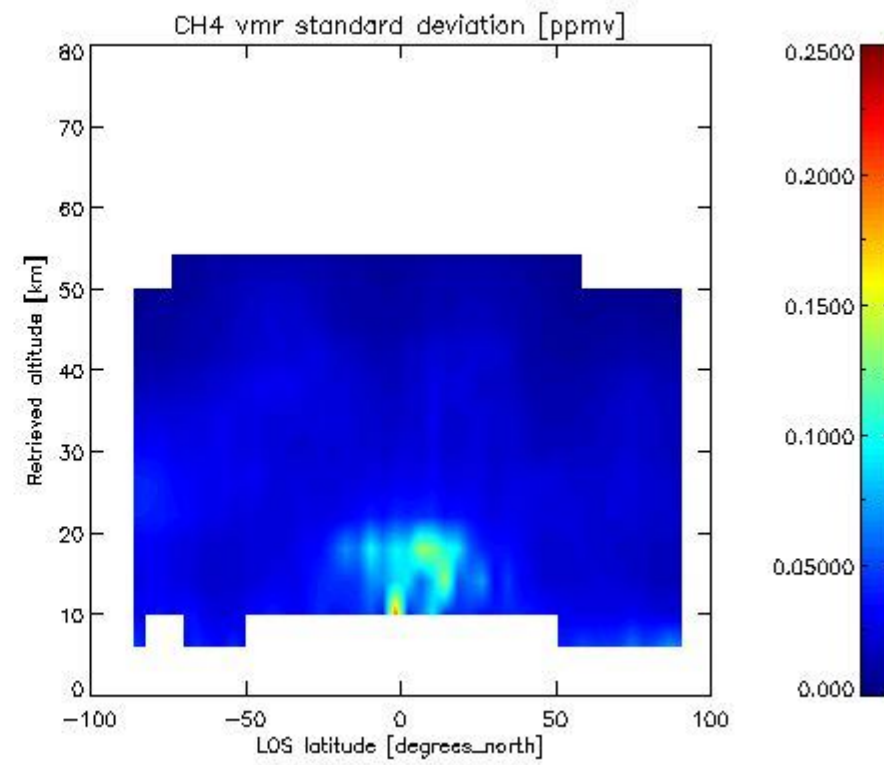
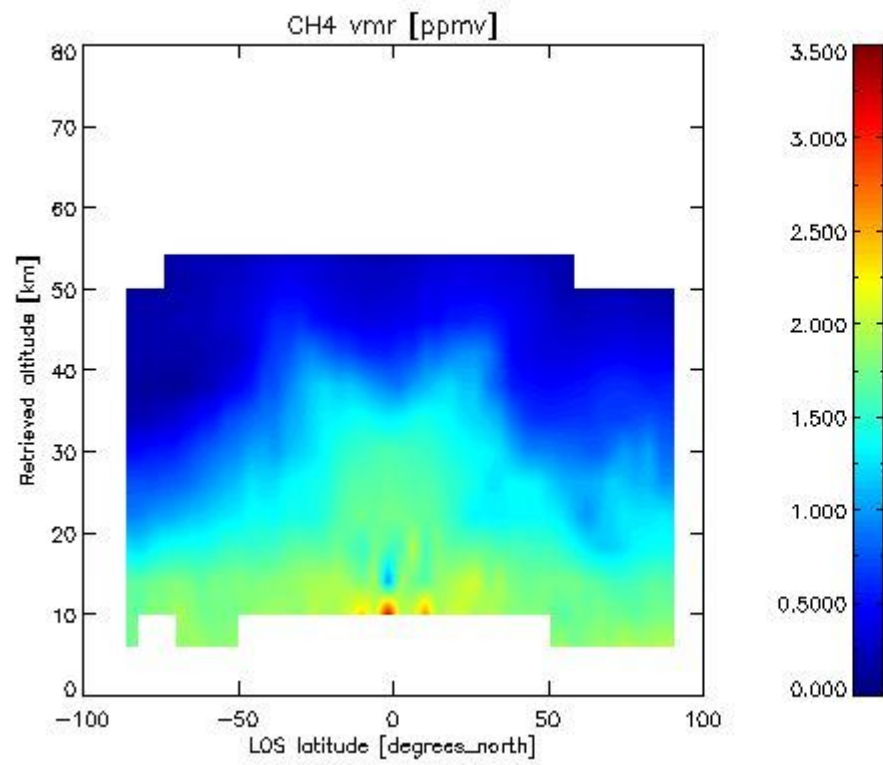
2.2.4.2 O3 overview This section shows values (left) and error (right) for O3 after binning individual sweep values over retrieved altitude and tangent latitude.



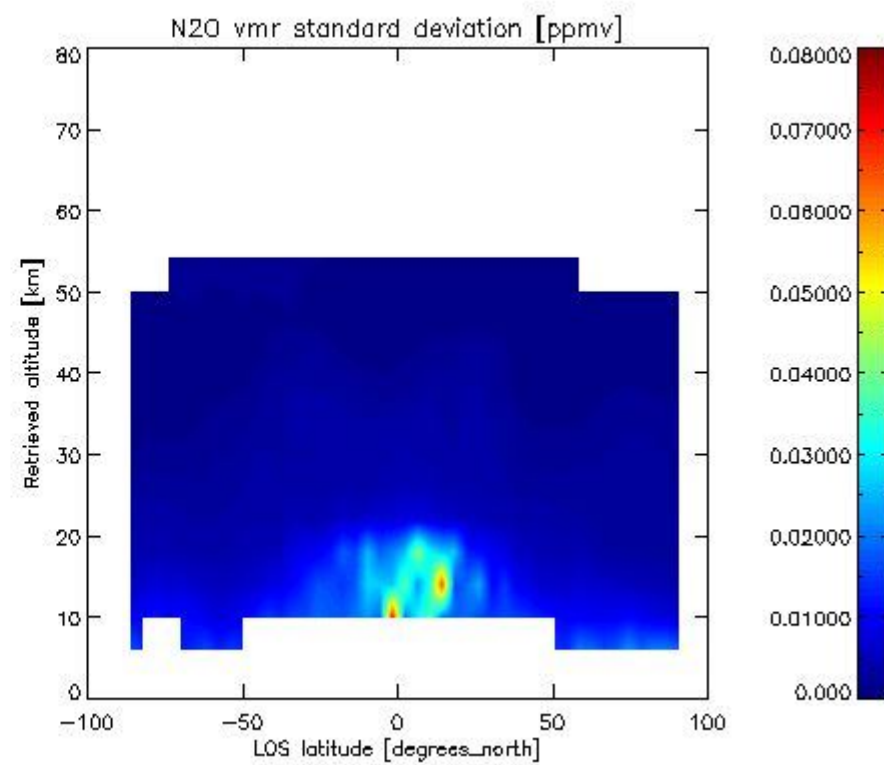
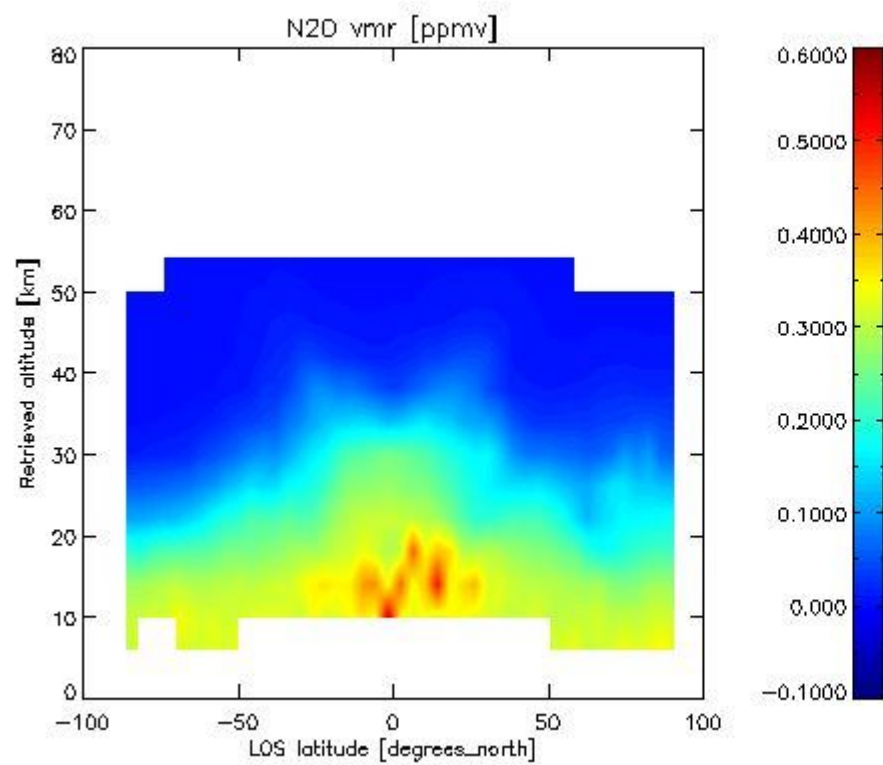
2.2.4.3 HNO3 overview This section shows values (left) and error (right) for HNO3 after binning individual sweep values over retrieved altitude and tangent latitude.



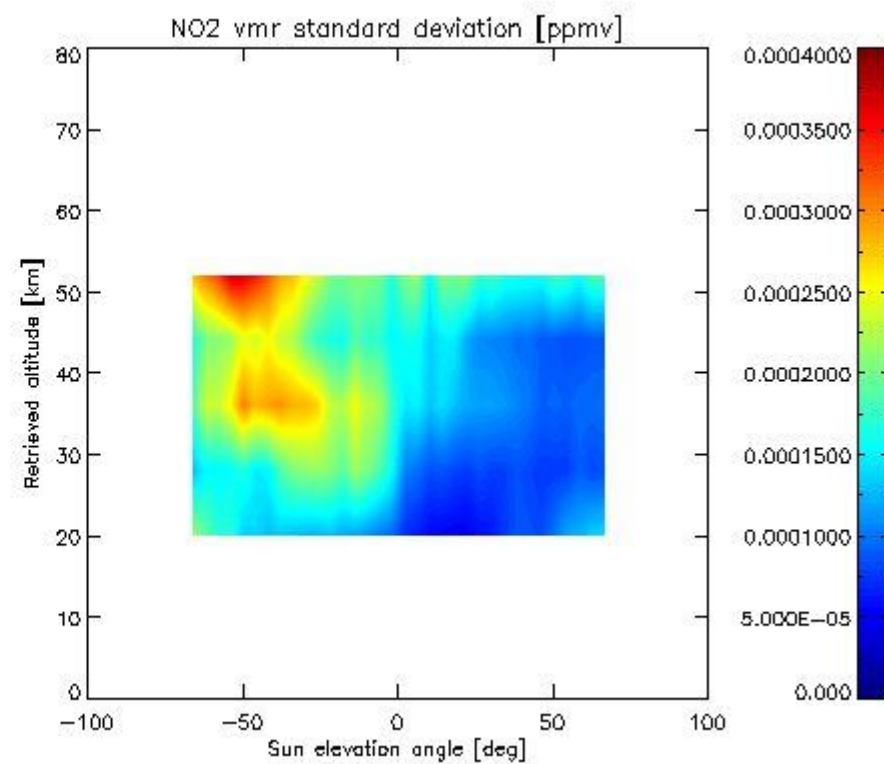
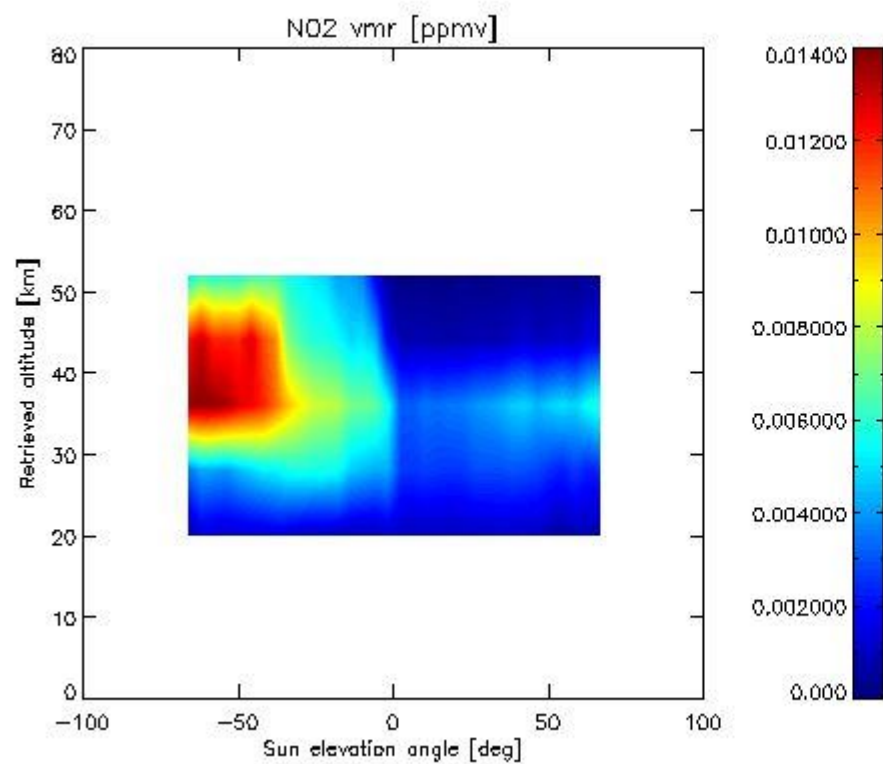
2.2.4.4 CH4 overview This section shows values (left) and error (right) for CH4 after binning individual sweep values over retrieved altitude and tangent latitude.



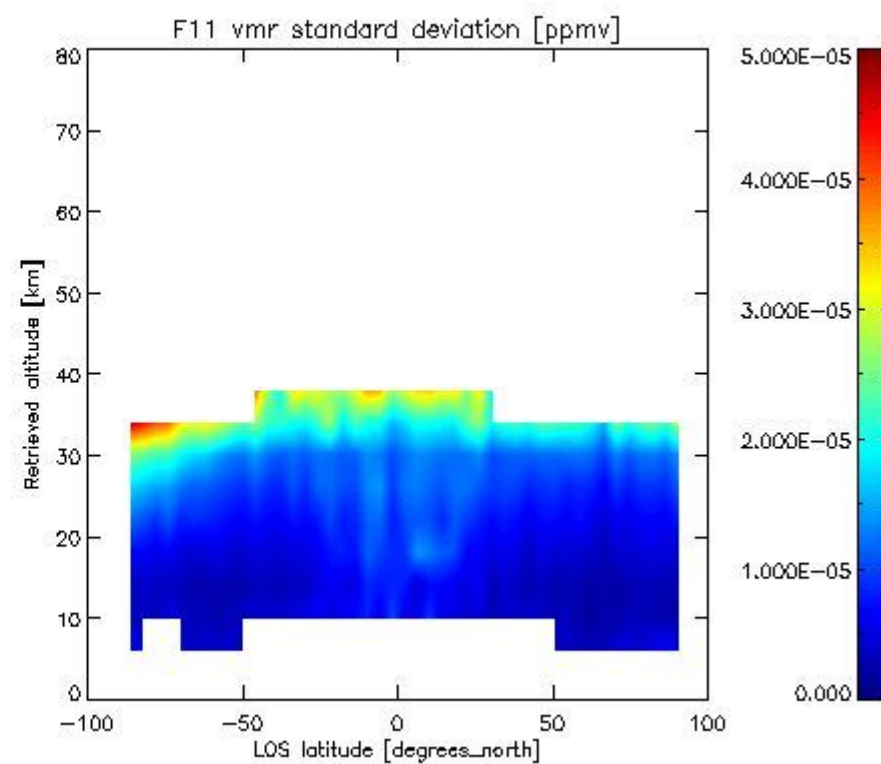
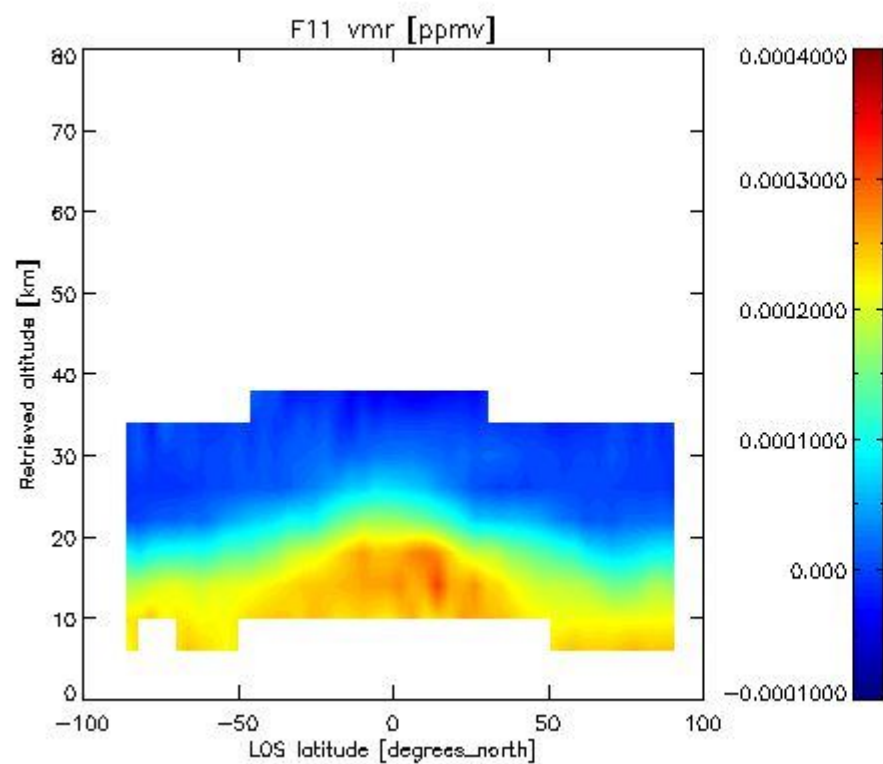
2.2.4.5 N2O overview This section shows values (left) and error (right) for N2O after binning individual sweep values over retrieved altitude and tangent latitude.



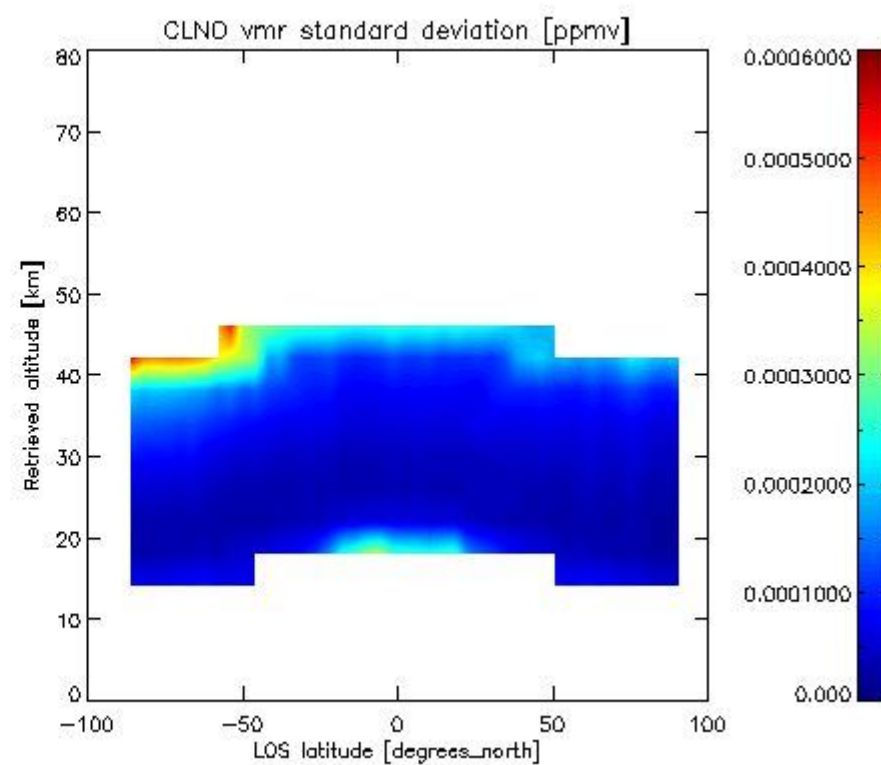
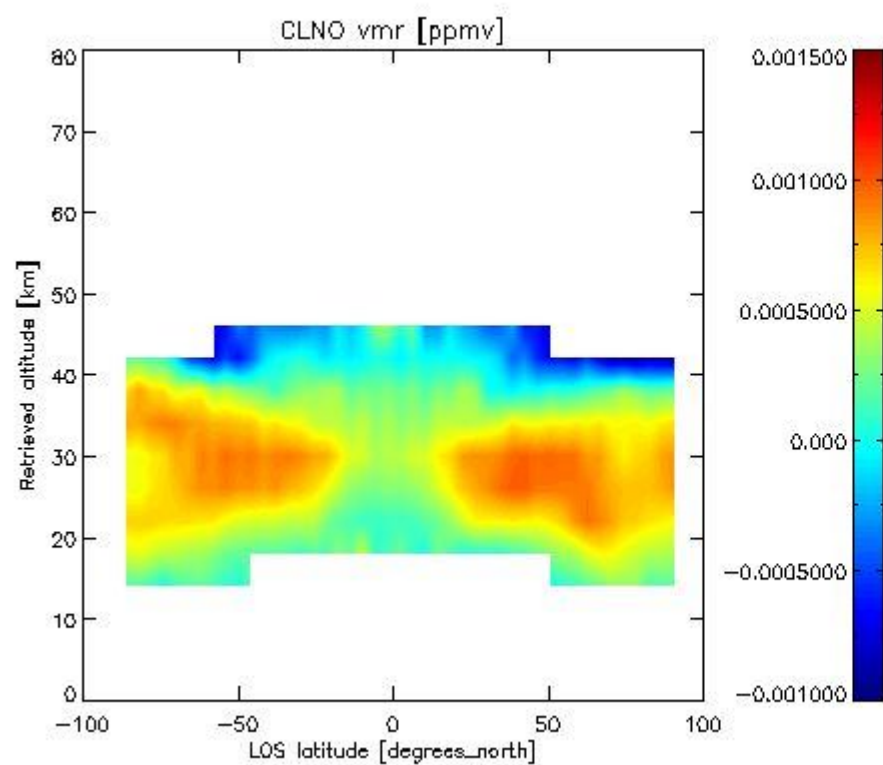
2.2.4.6 NO₂ overview This section shows values (left) and error (right) for NO₂ after binning individual sweep values over retrieved altitude and Sun Elevation Angle. Note that for NO₂ the bin heights are 6 km.

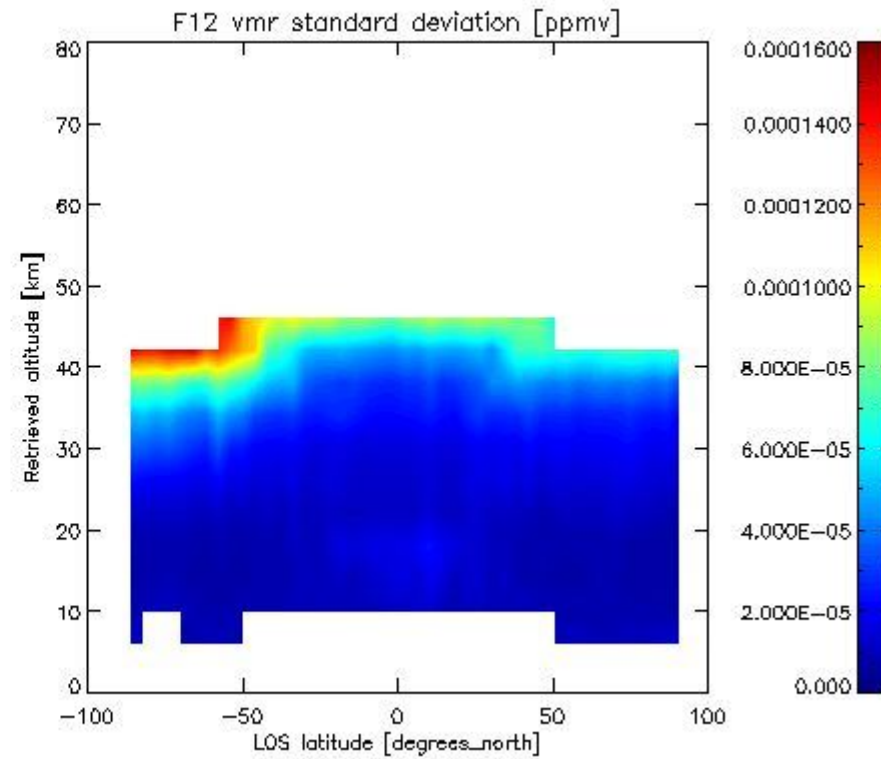
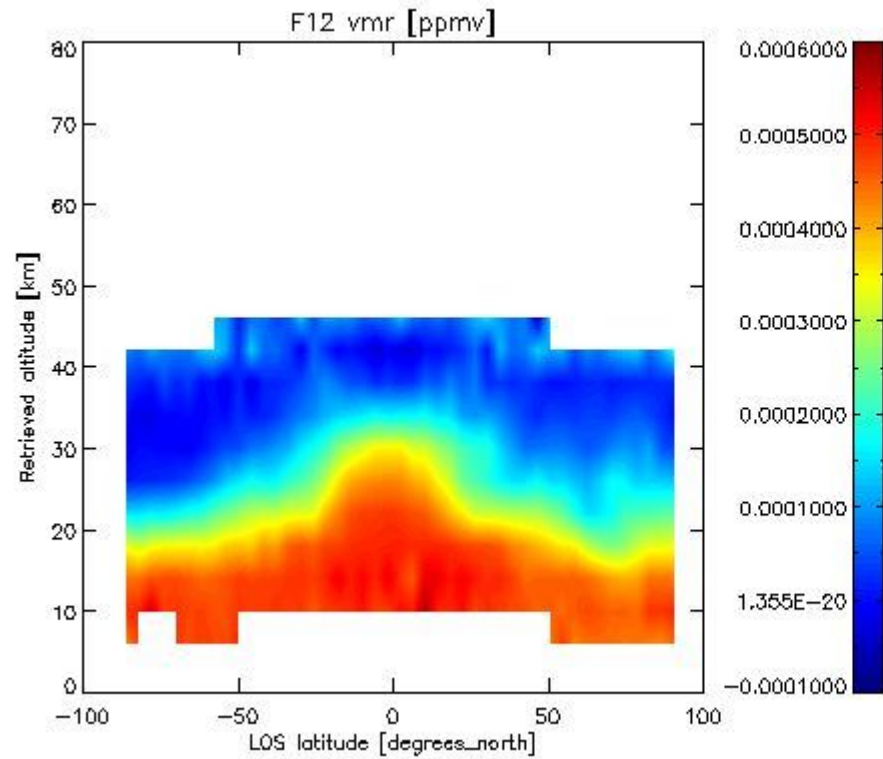
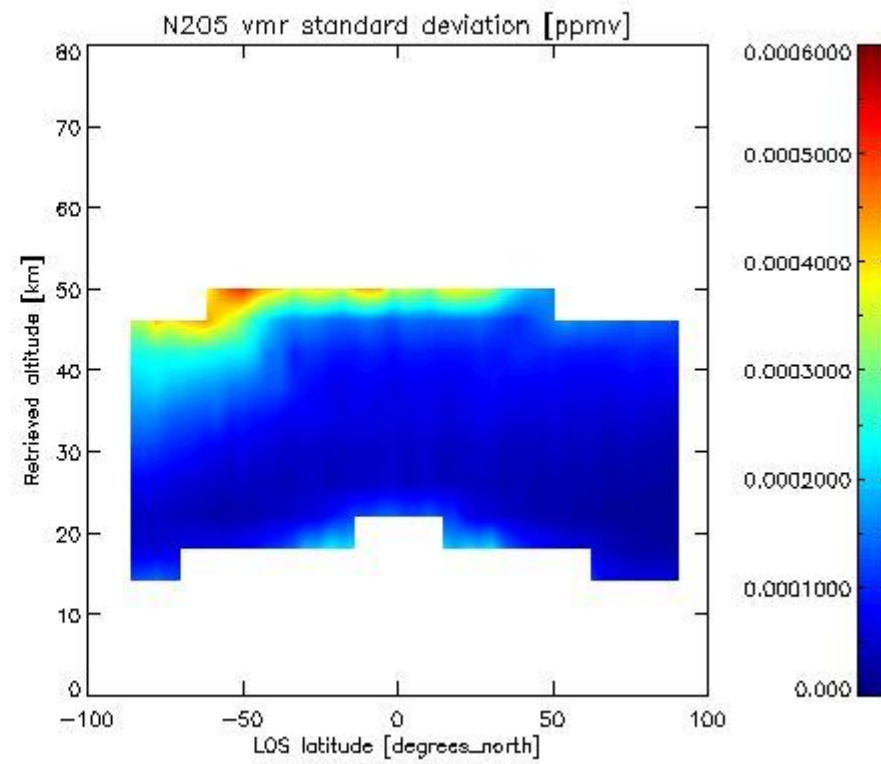
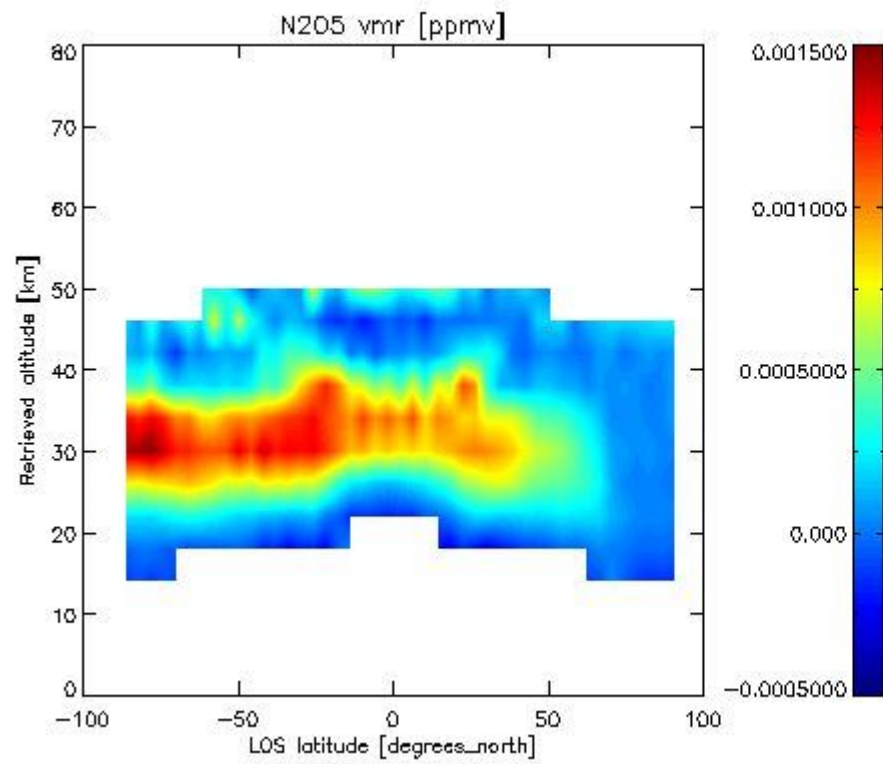


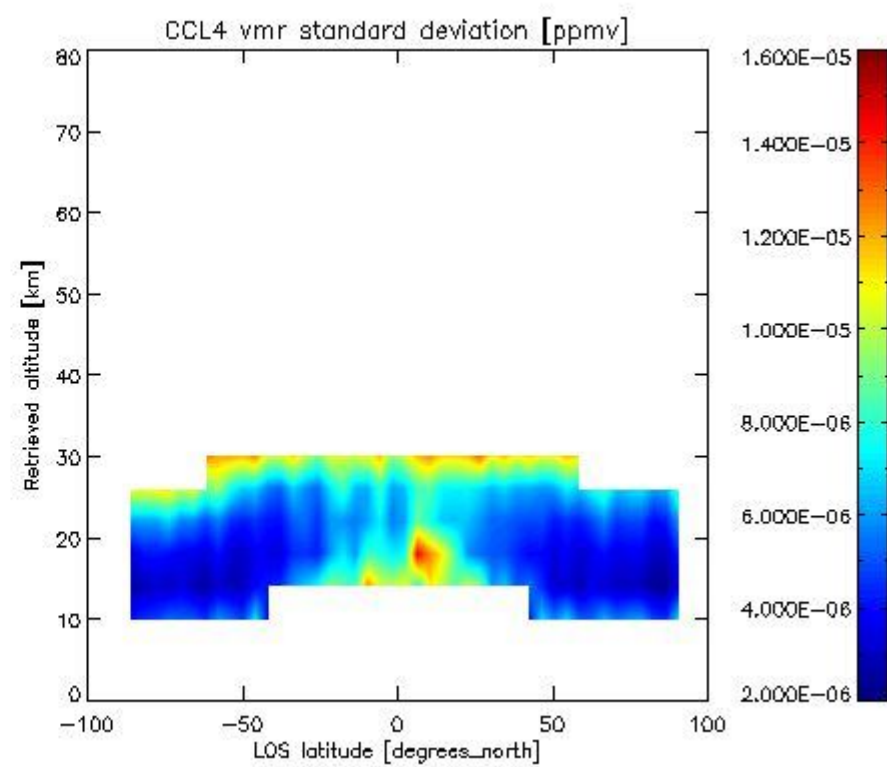
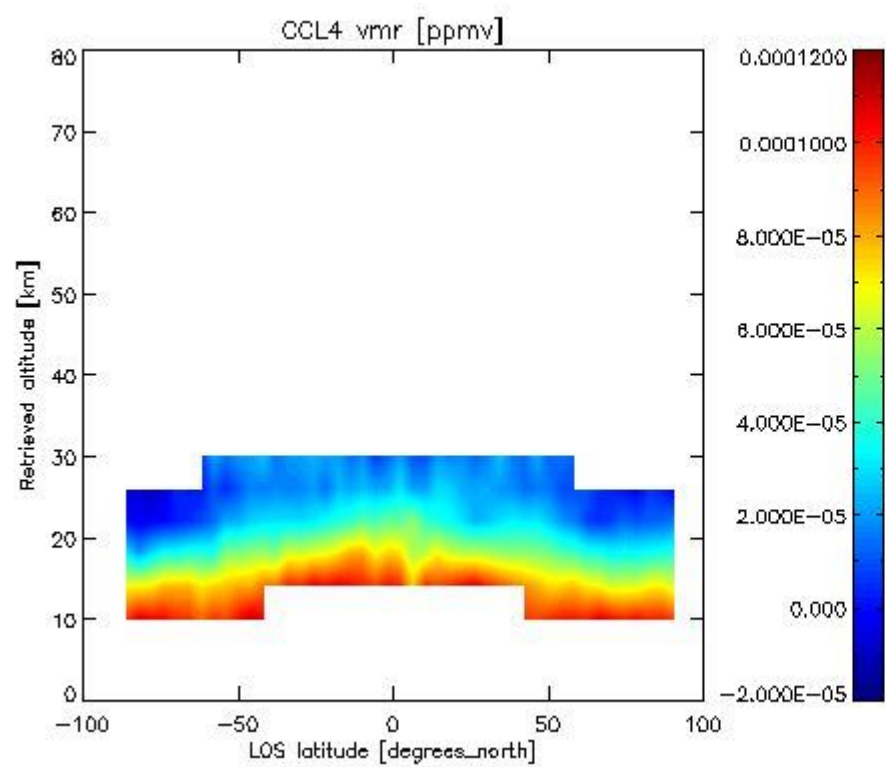
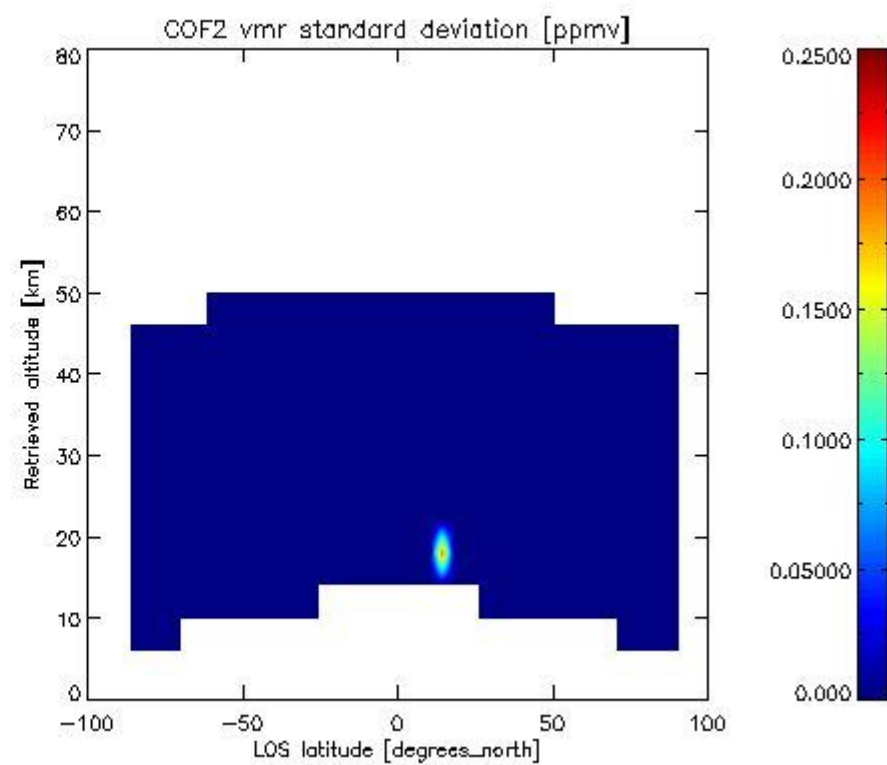
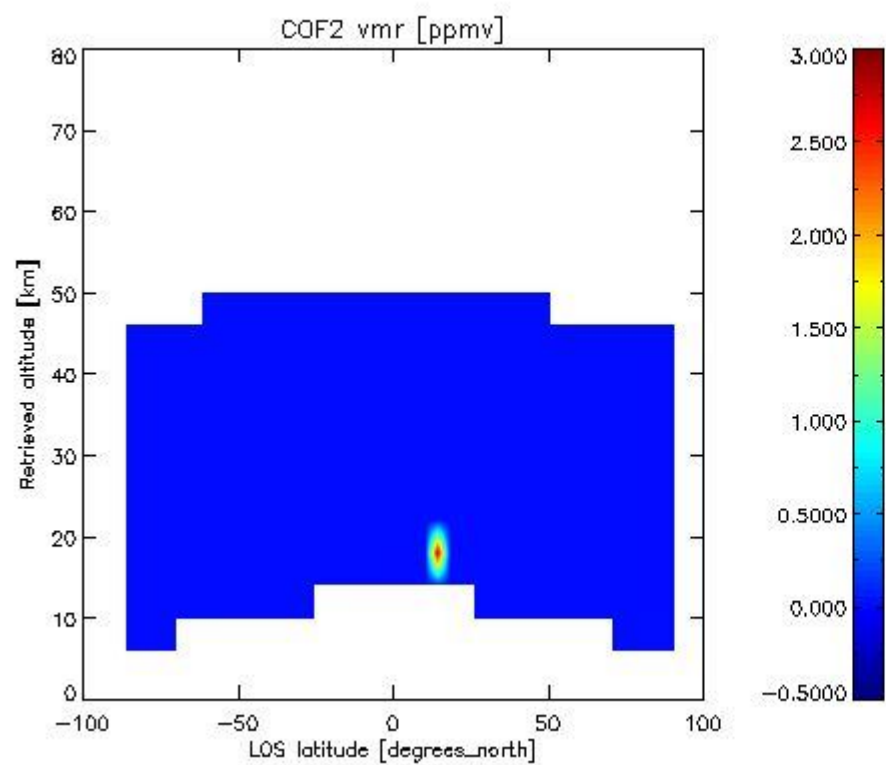
2.2.4.7 F11 overview This section shows values (left) and error (right) for F11 after binning individual sweep values over retrieved altitude and tangent latitude.

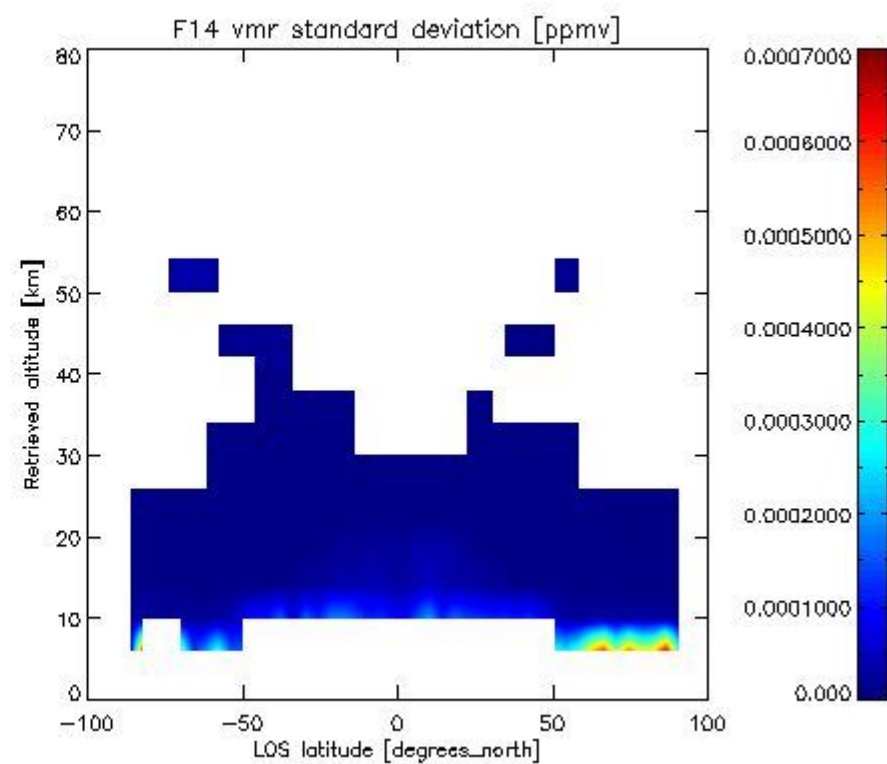
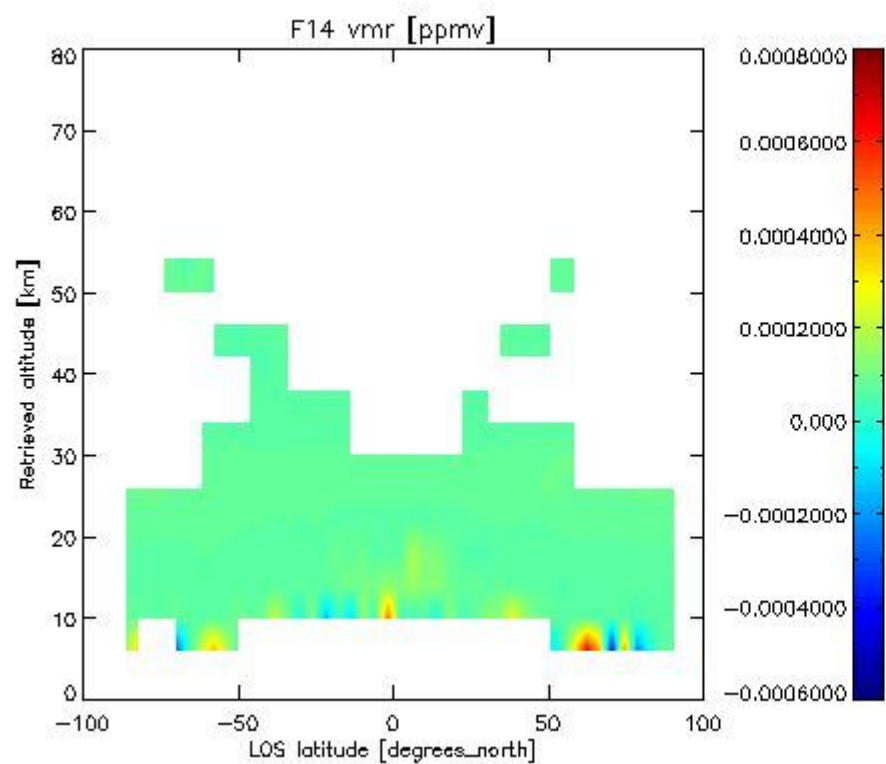
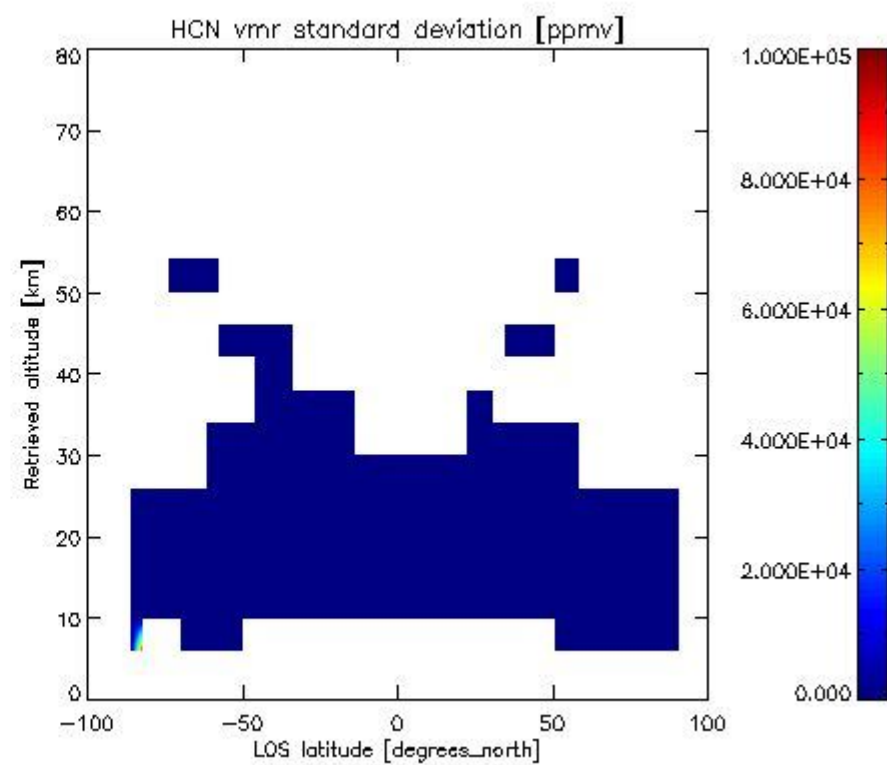
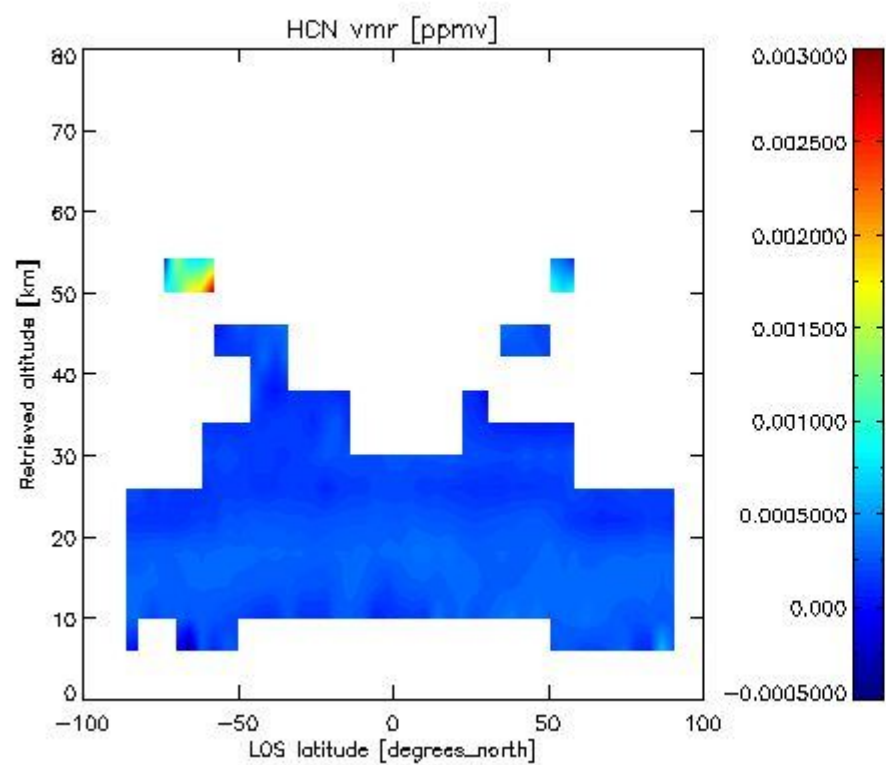


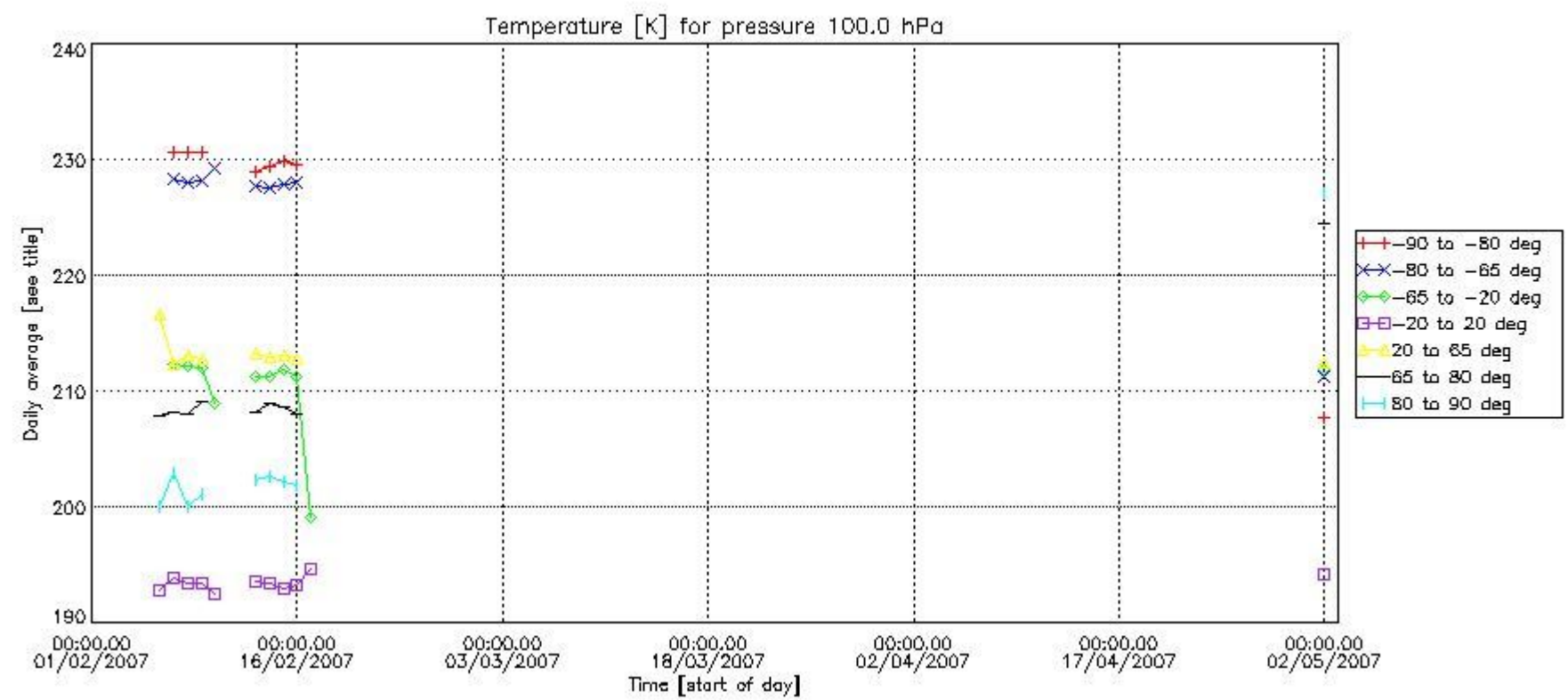
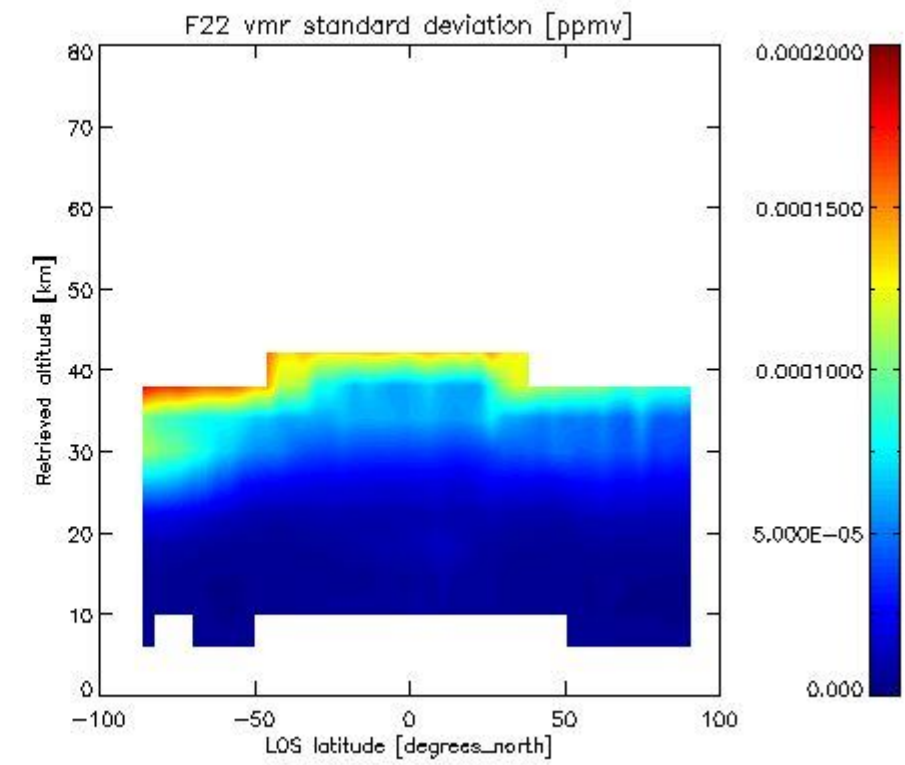
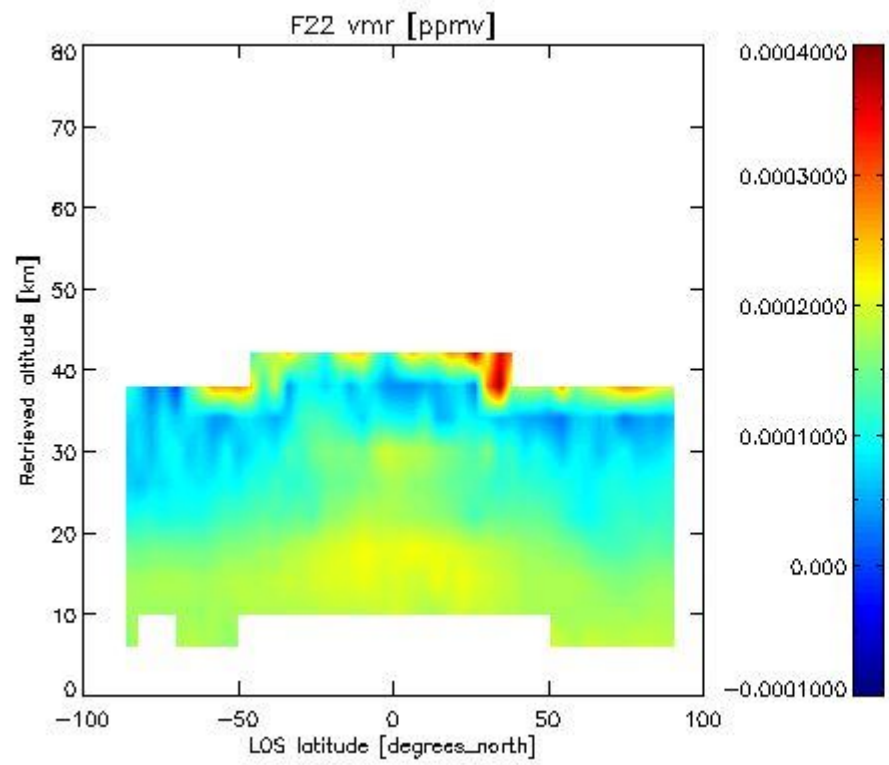
2.3.4.4 CLNO vmr: This section shows values (left) and error (right) for CLNO after binning individual vmr values over retrieved altitude and target latitude.

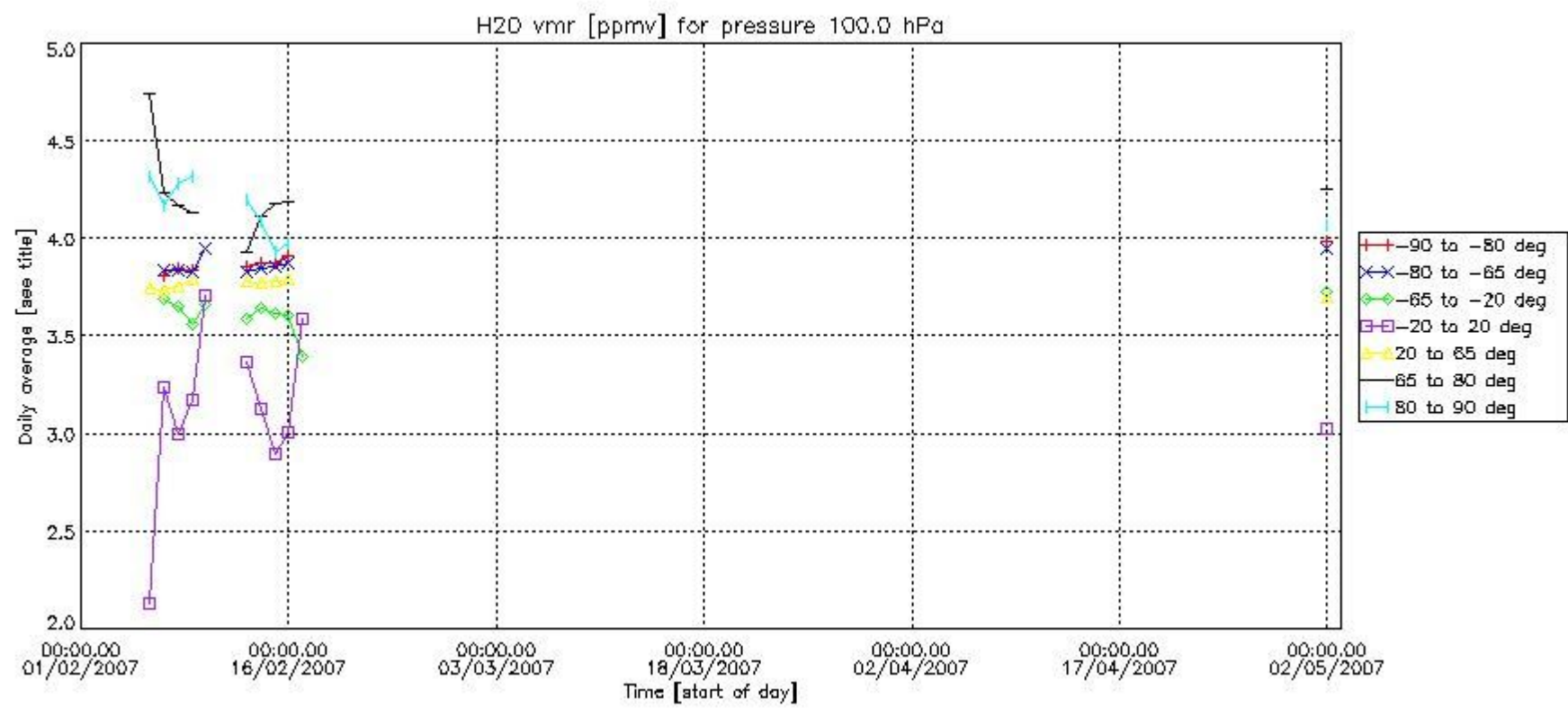
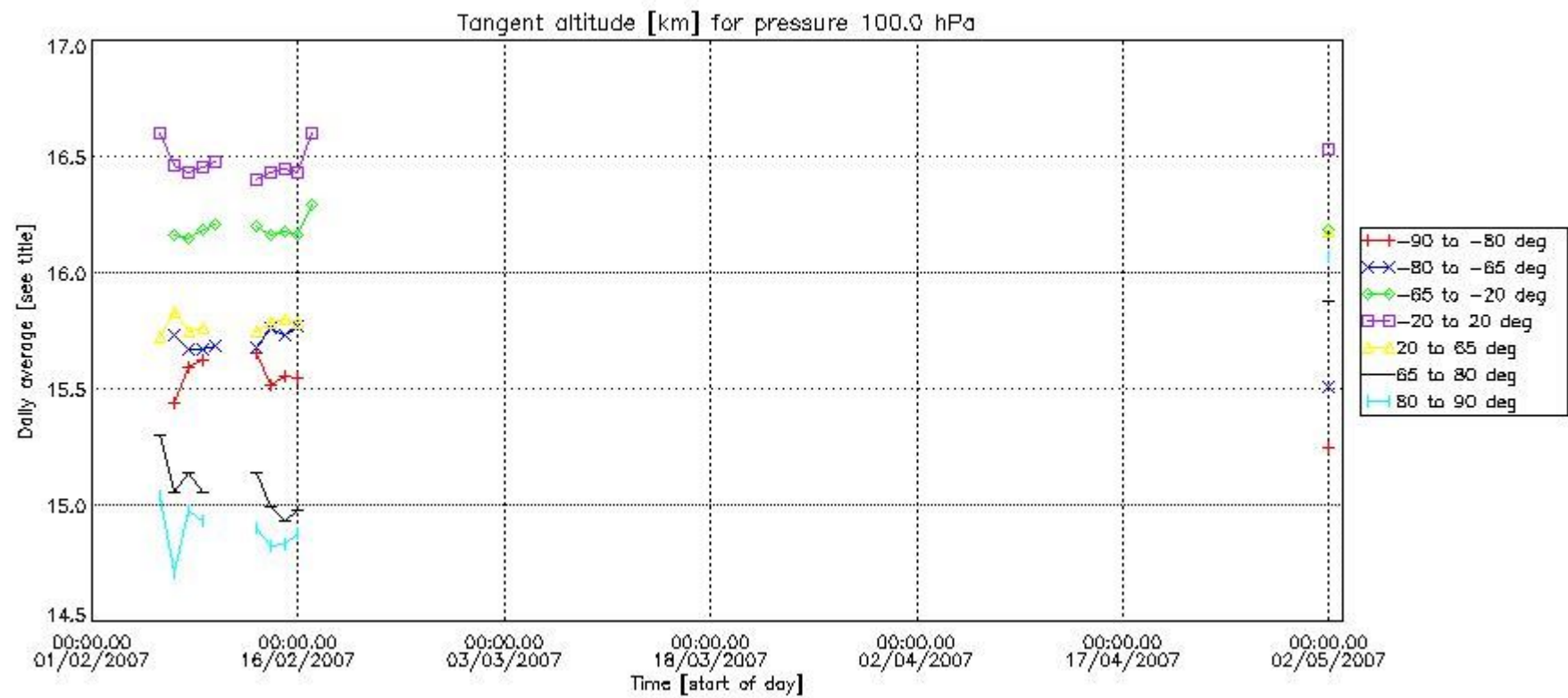


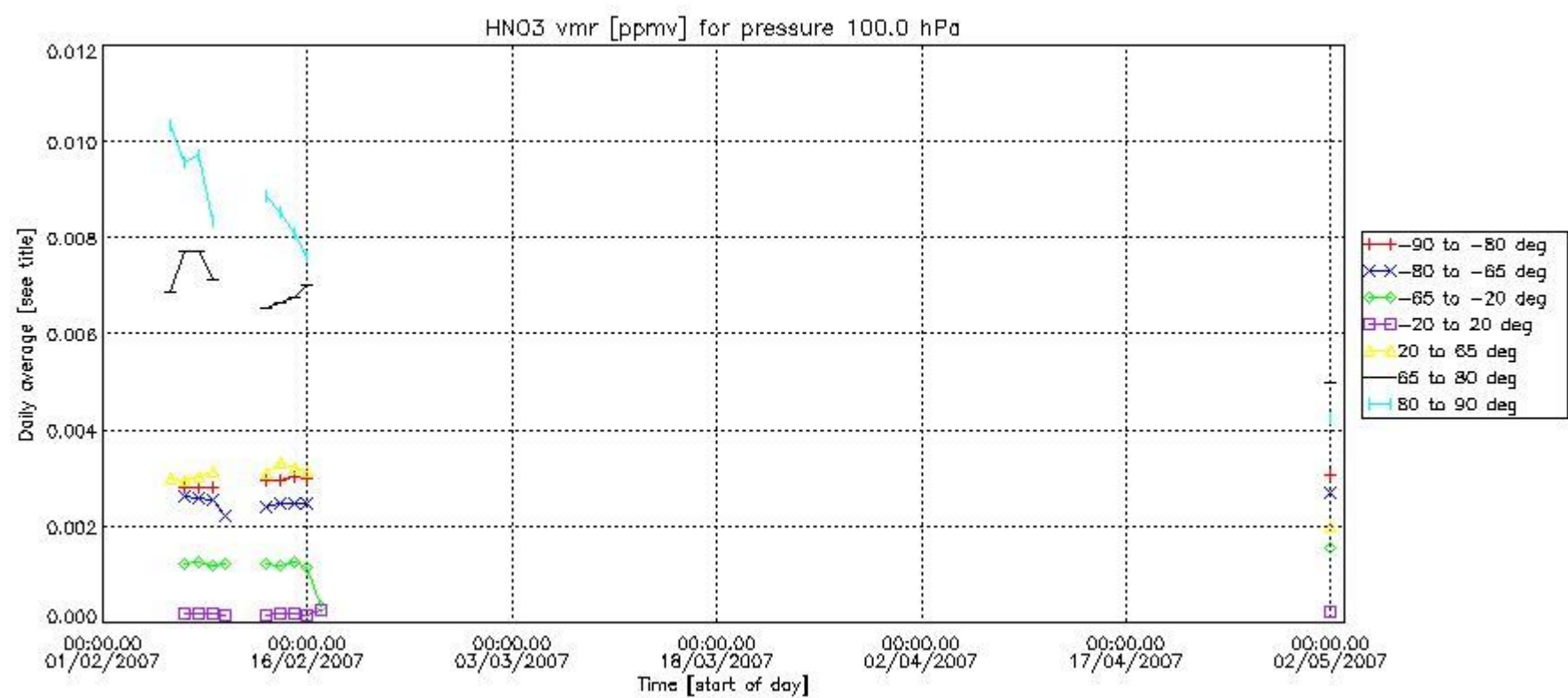
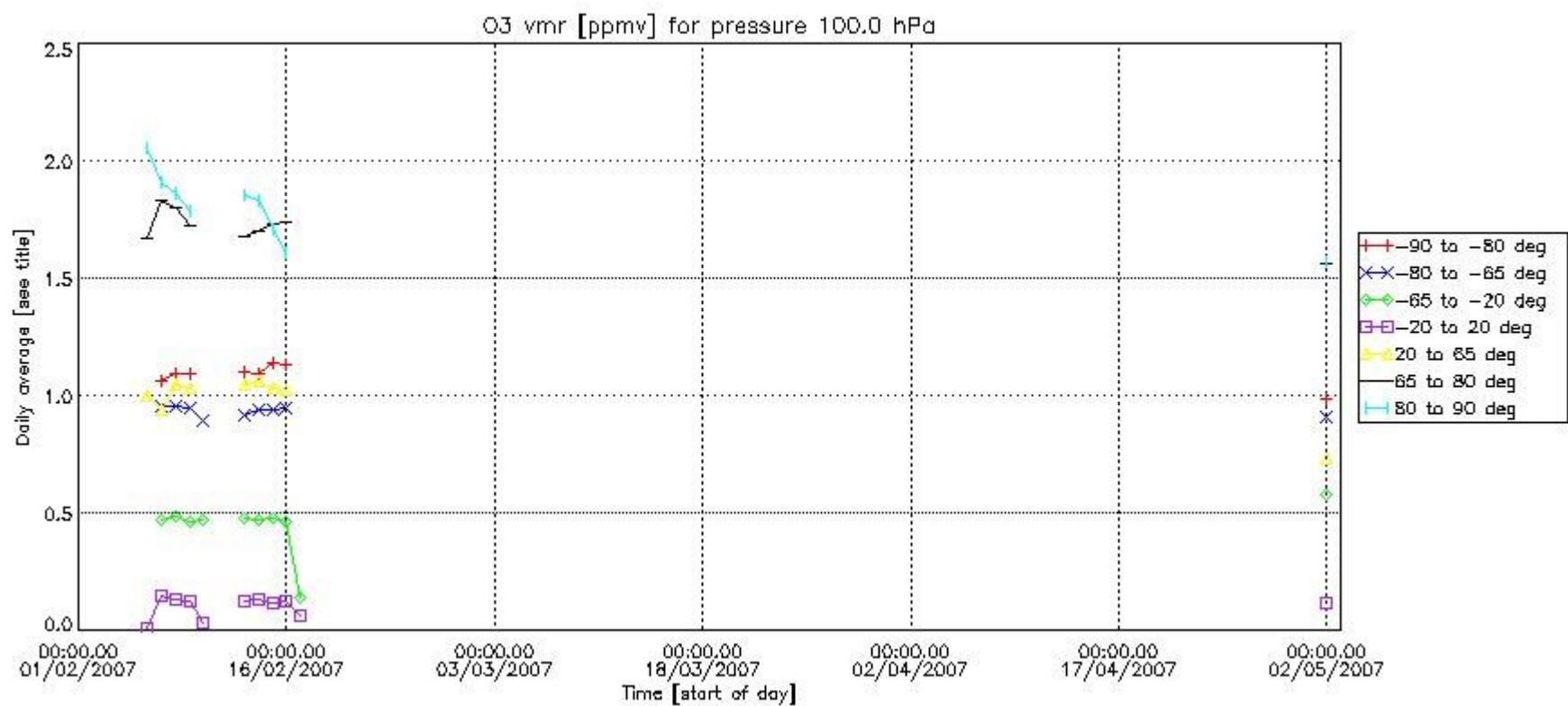


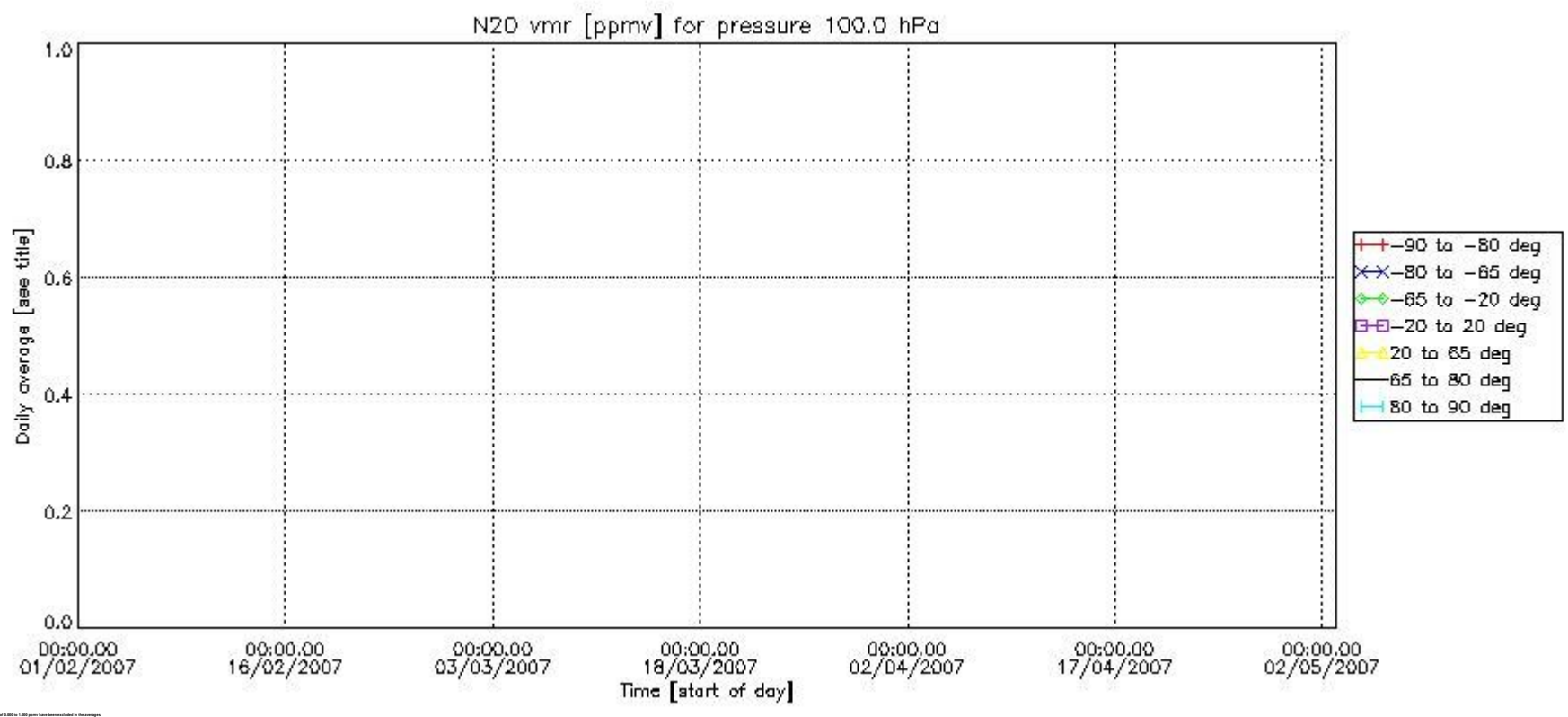
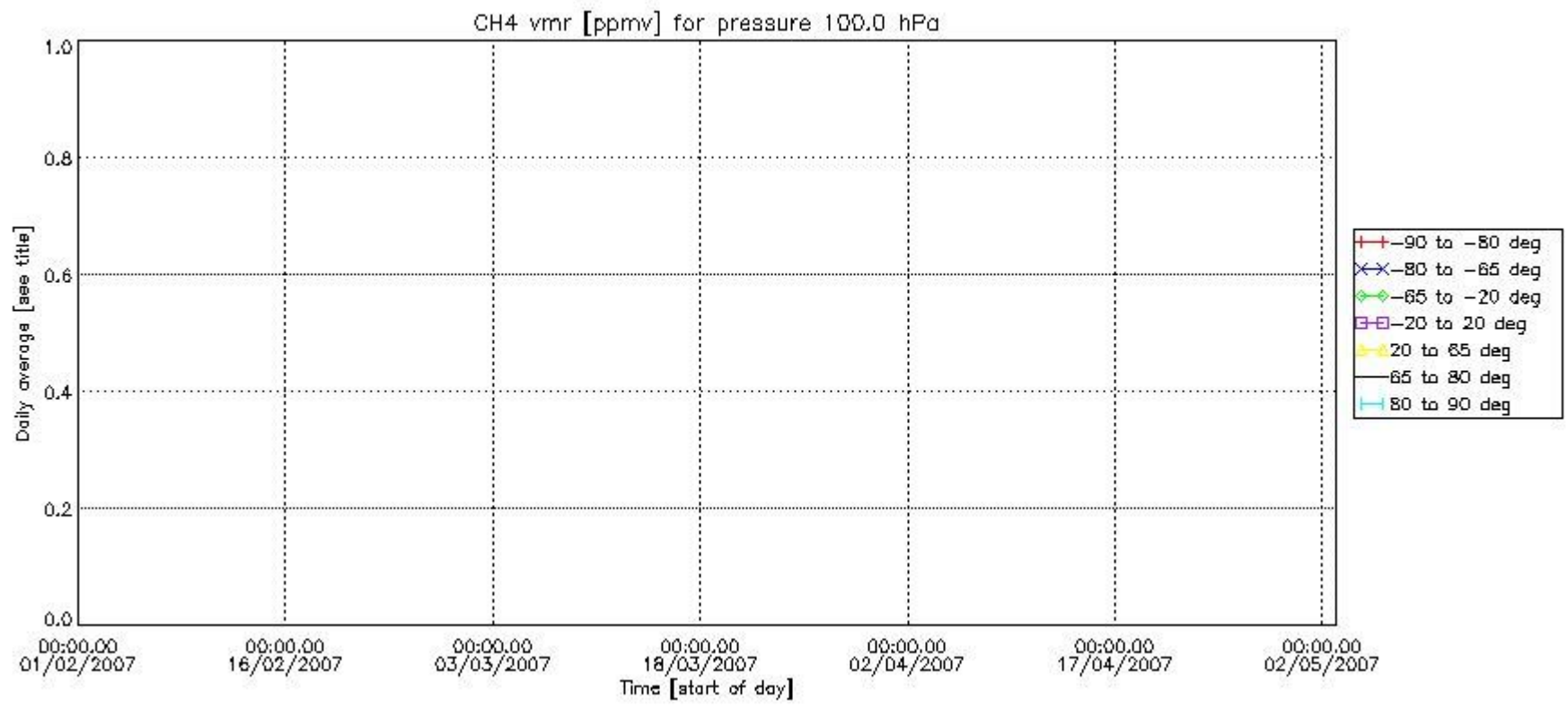


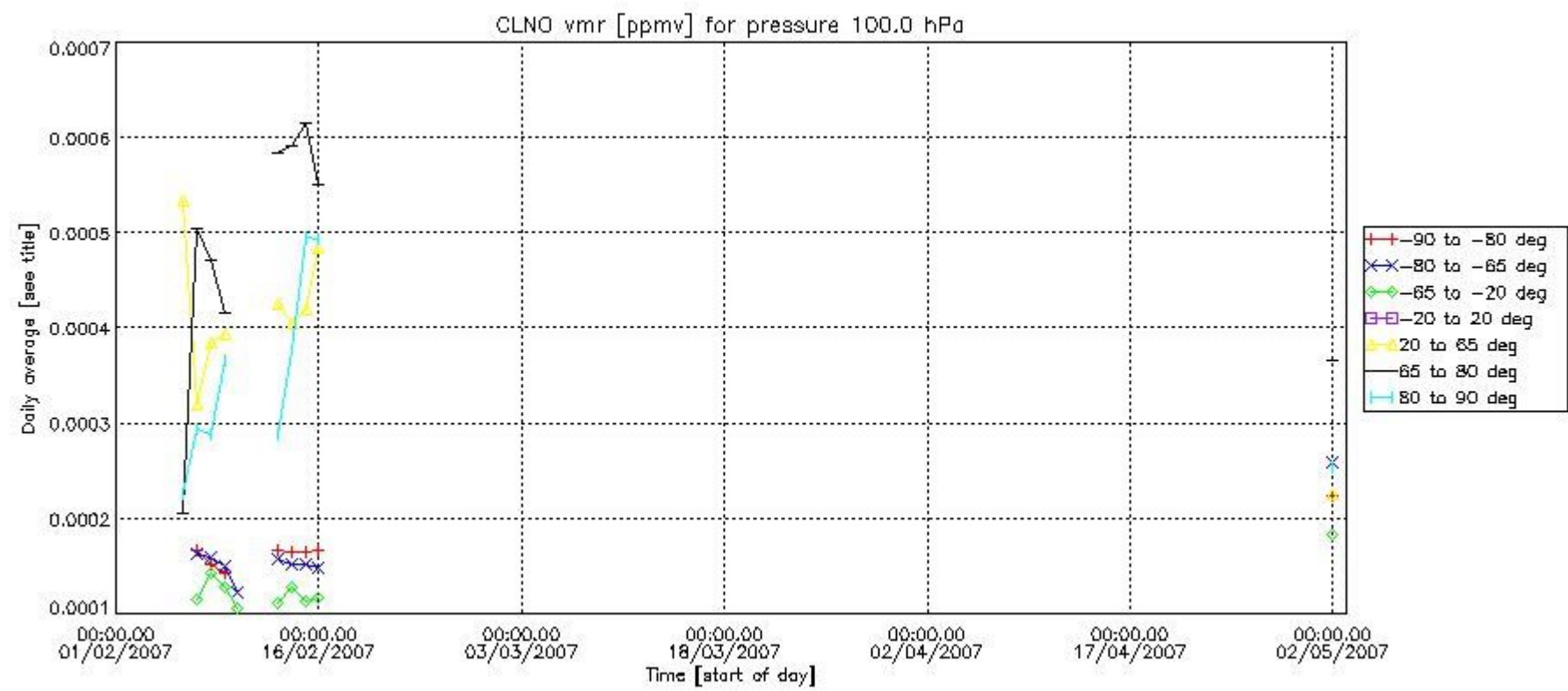
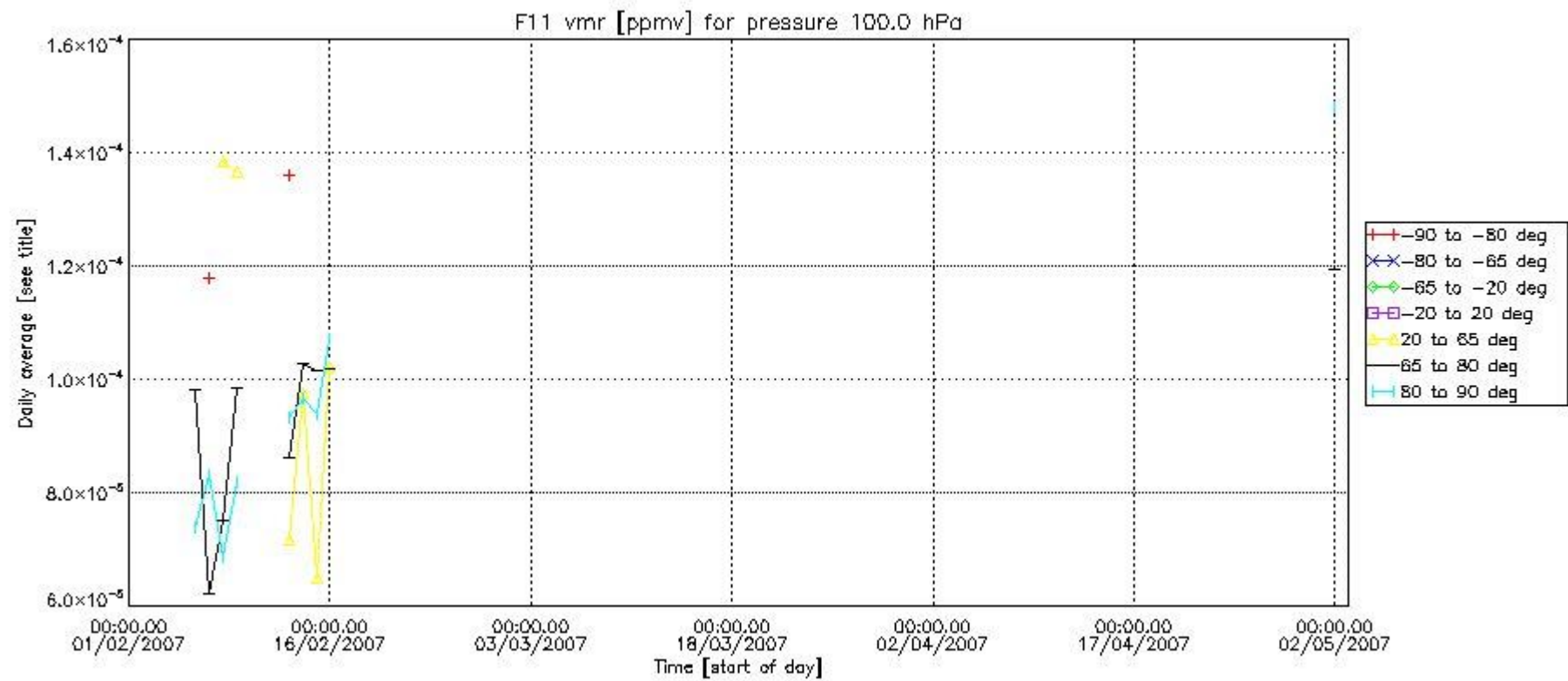


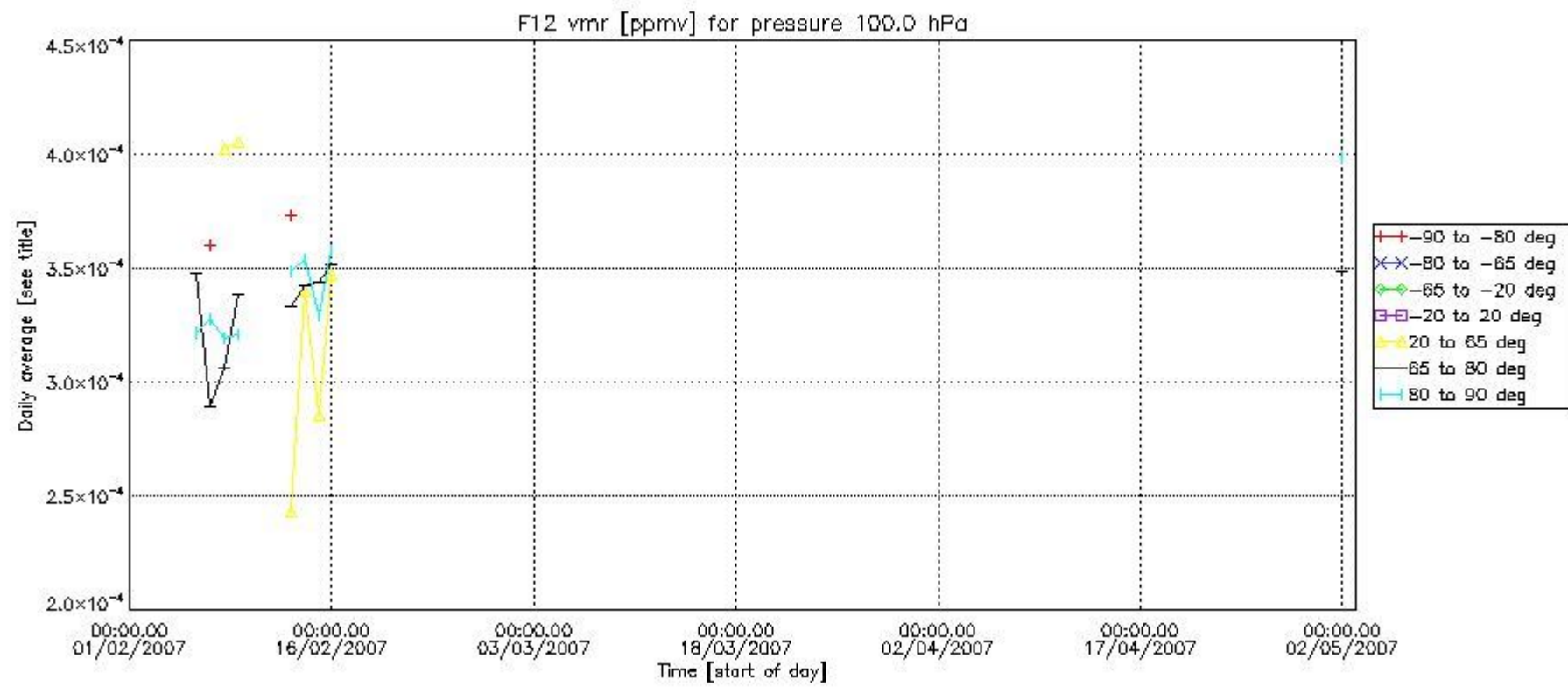
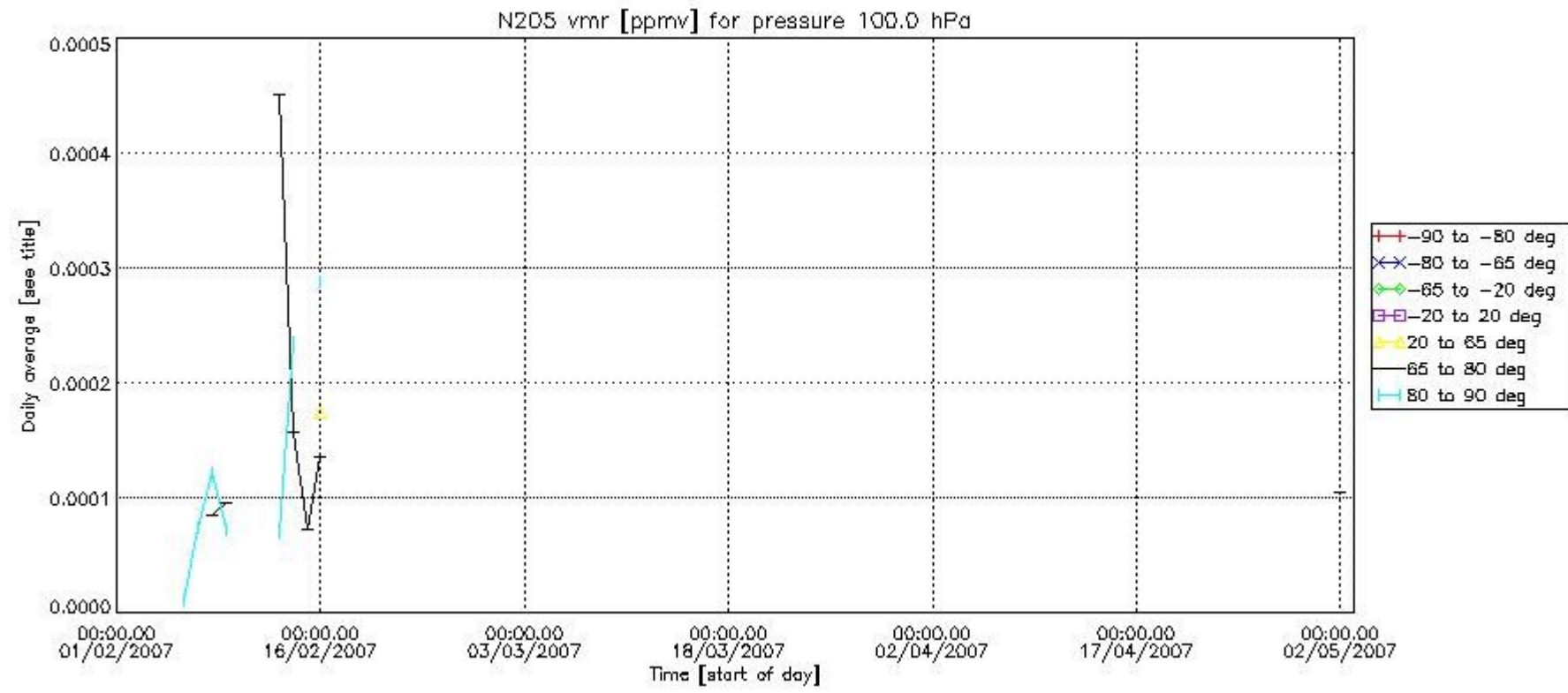


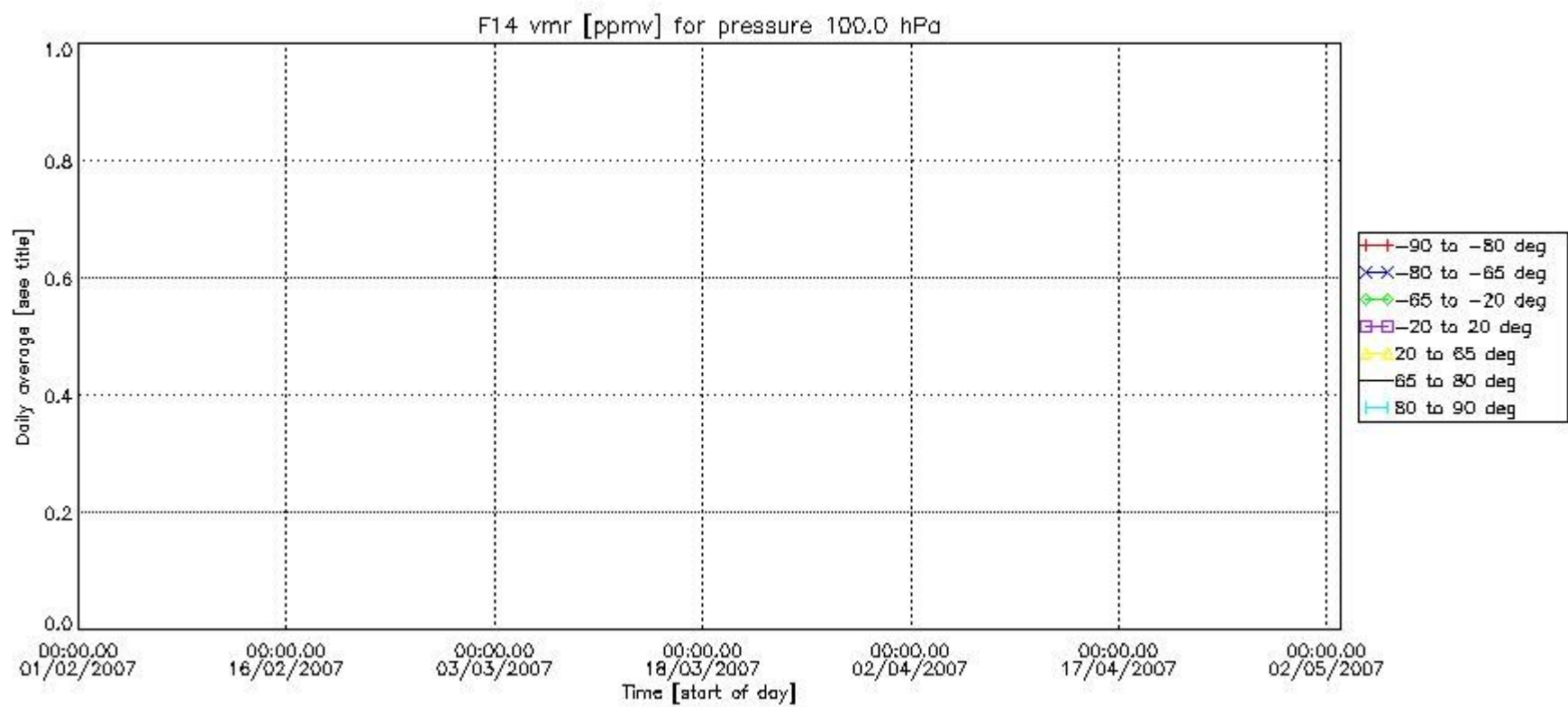
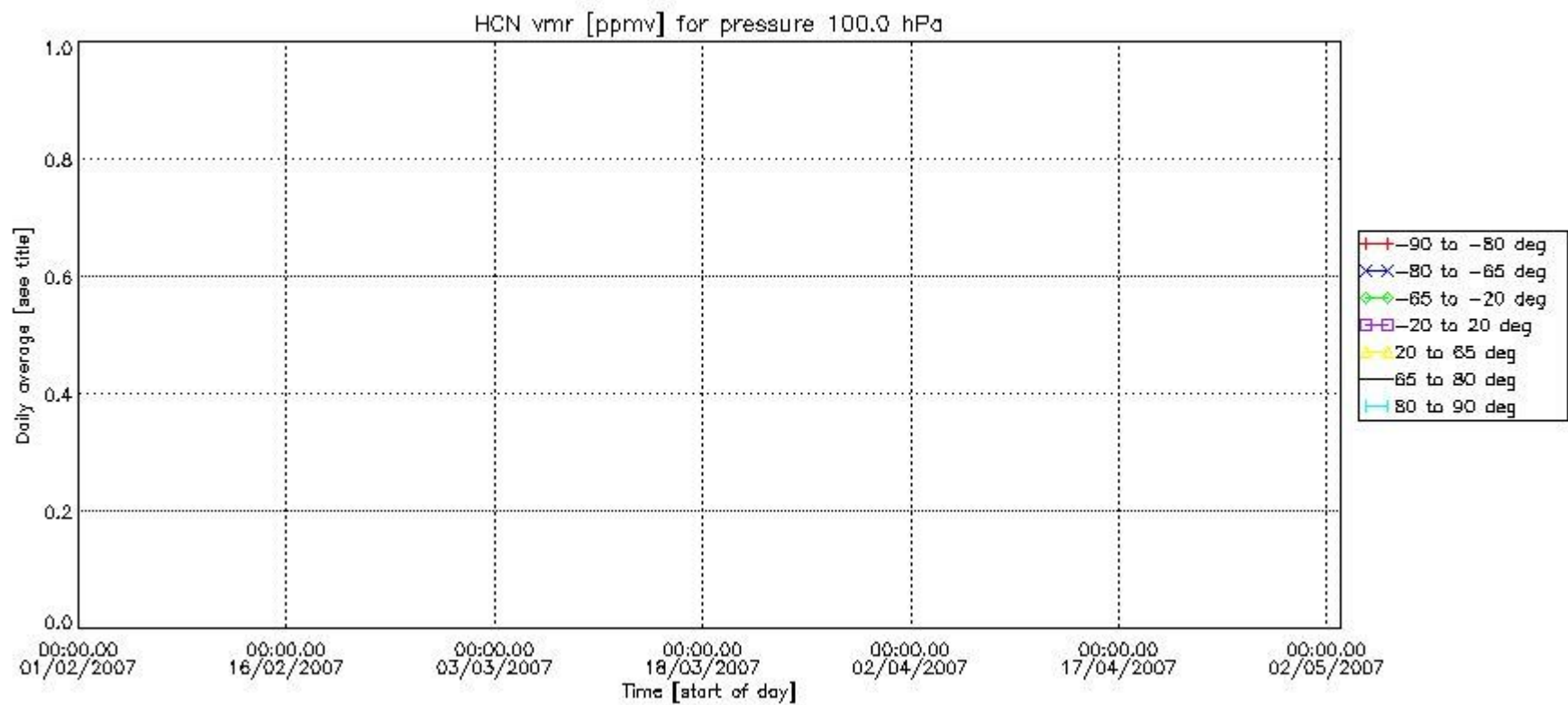


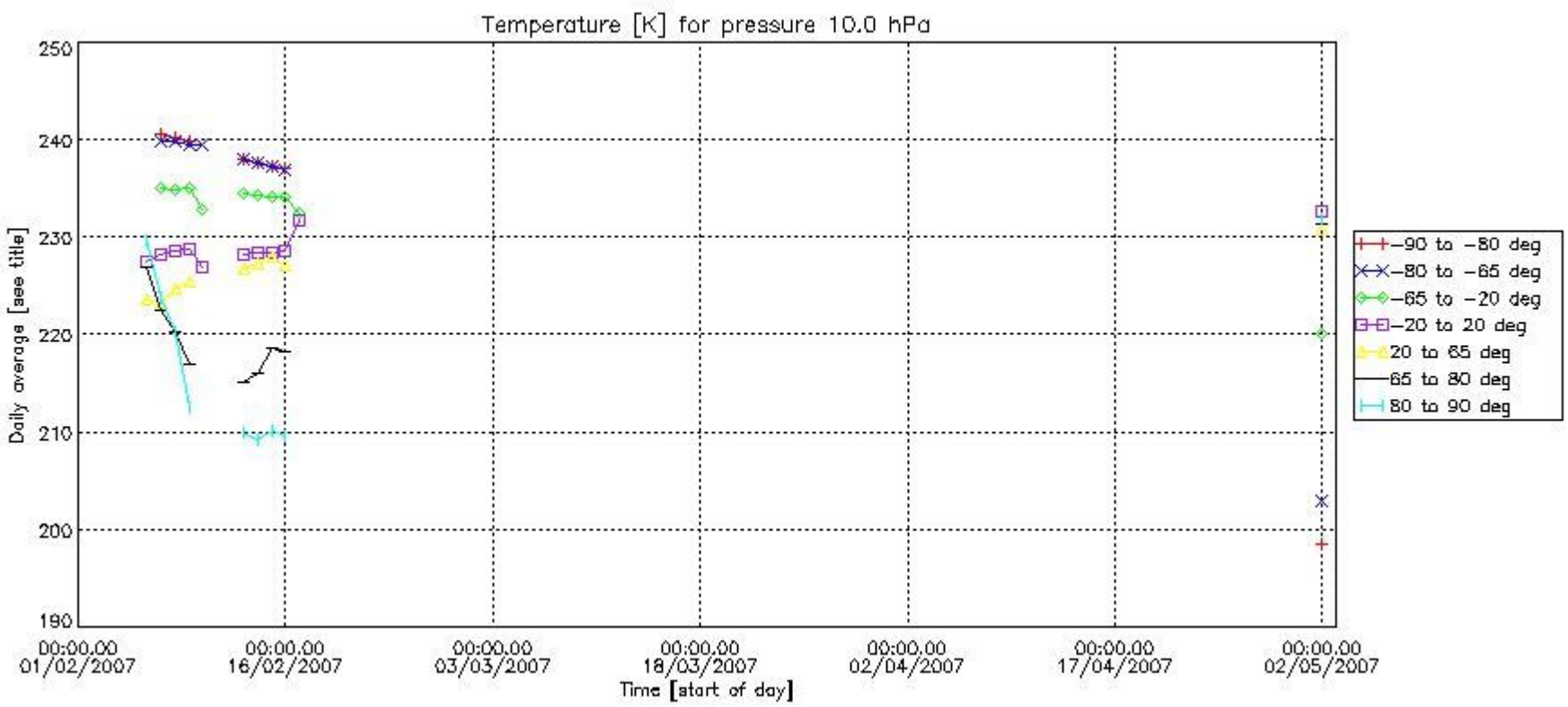
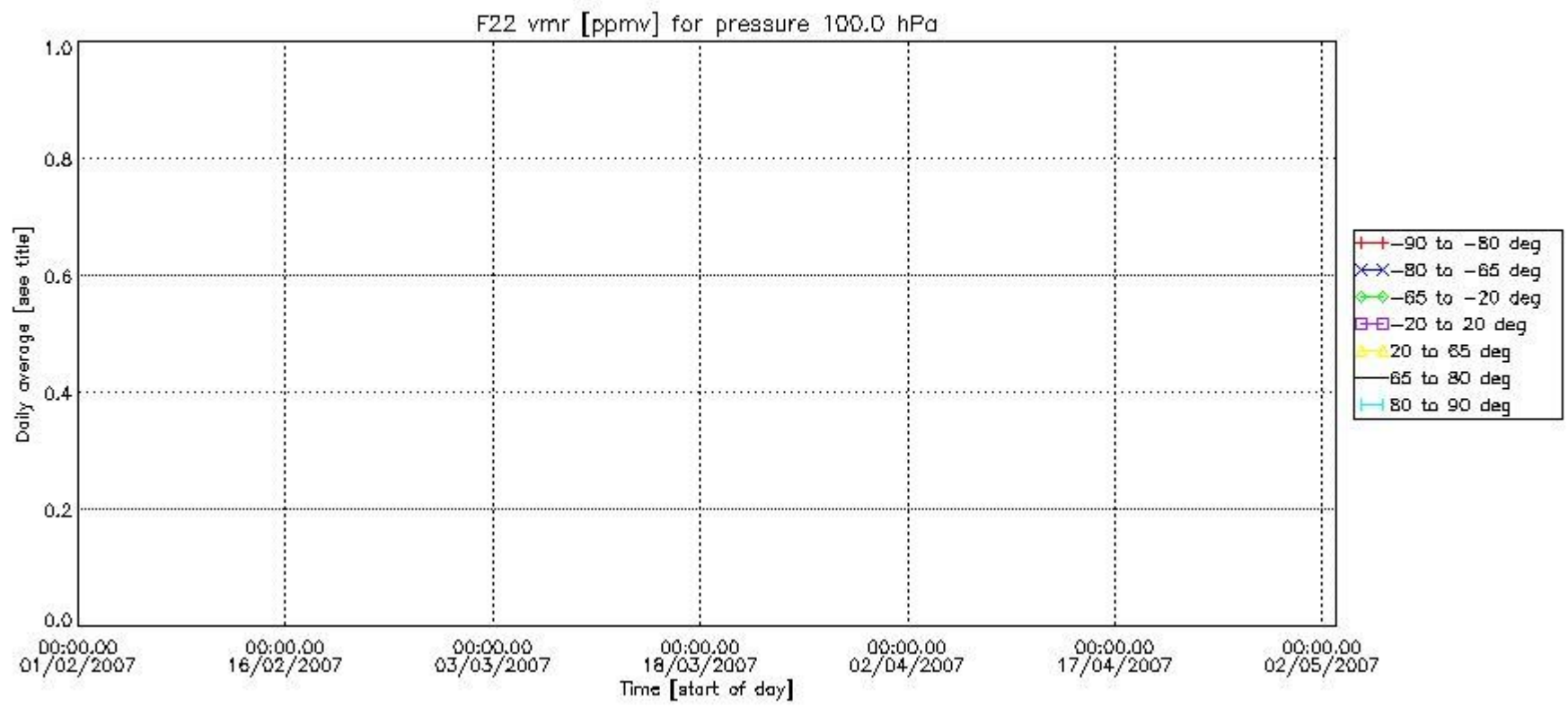


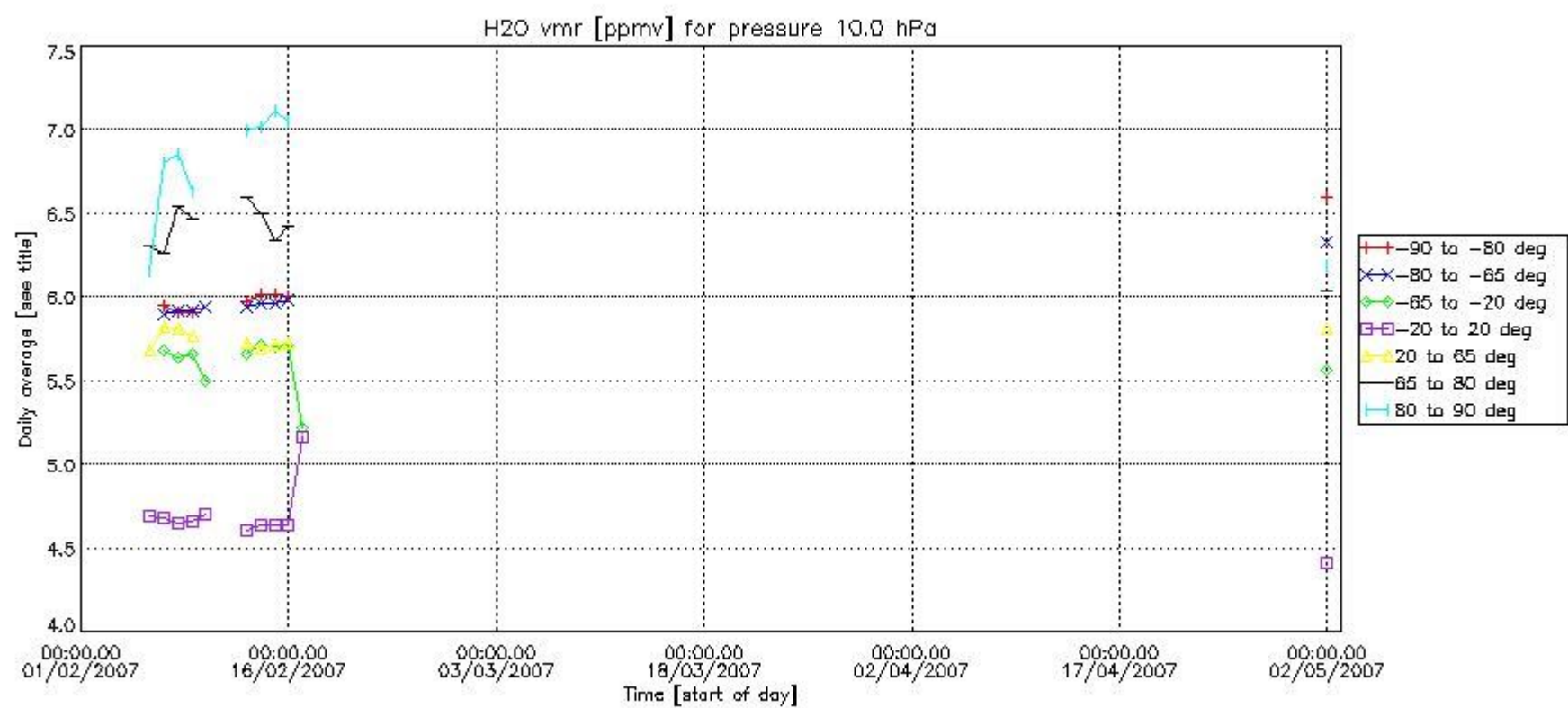
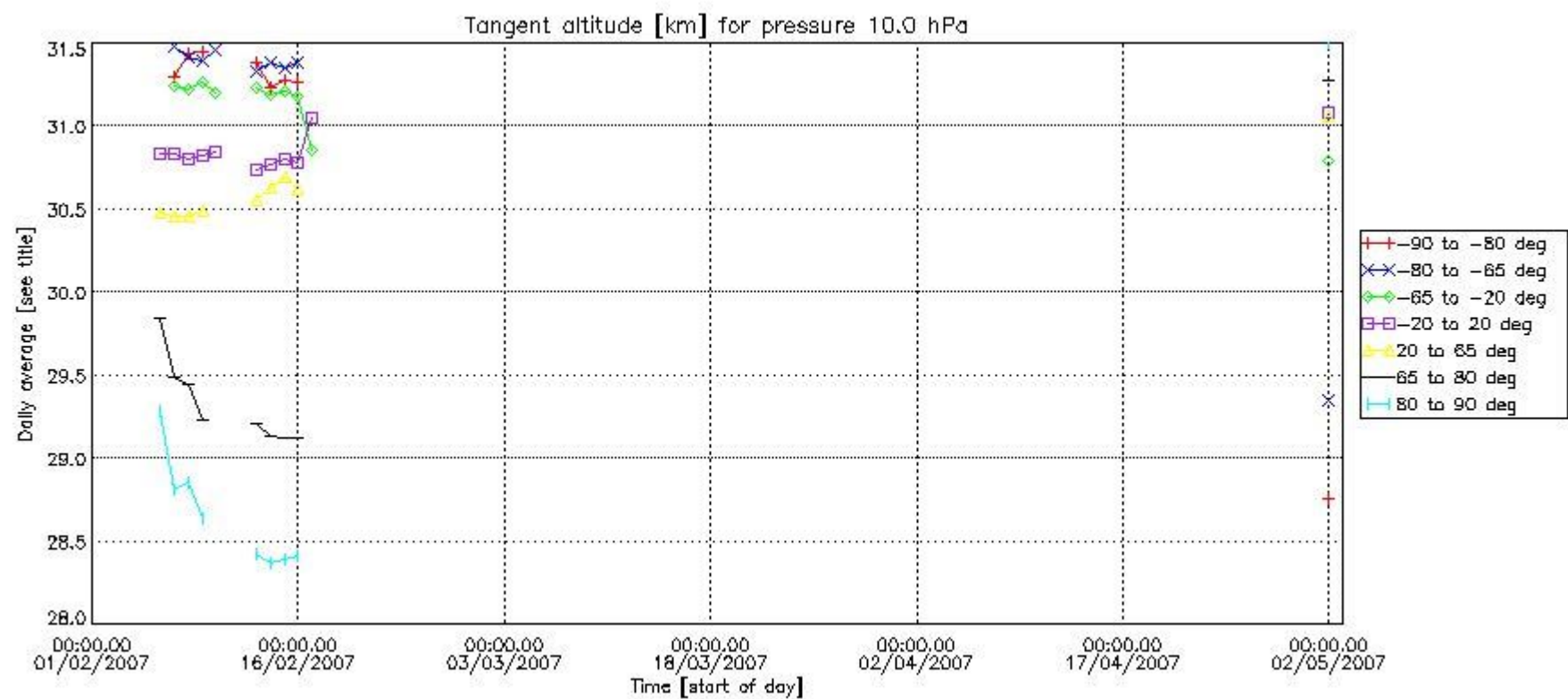


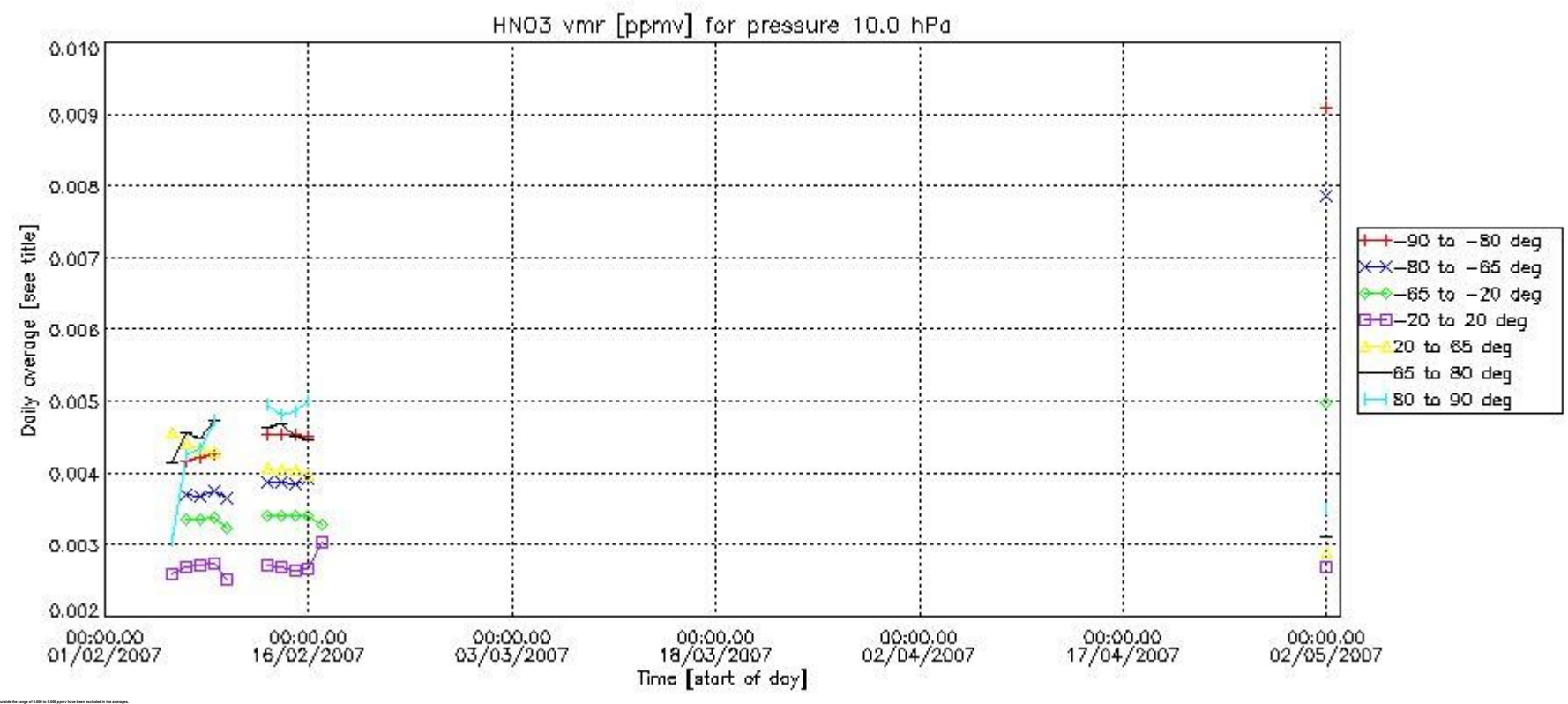
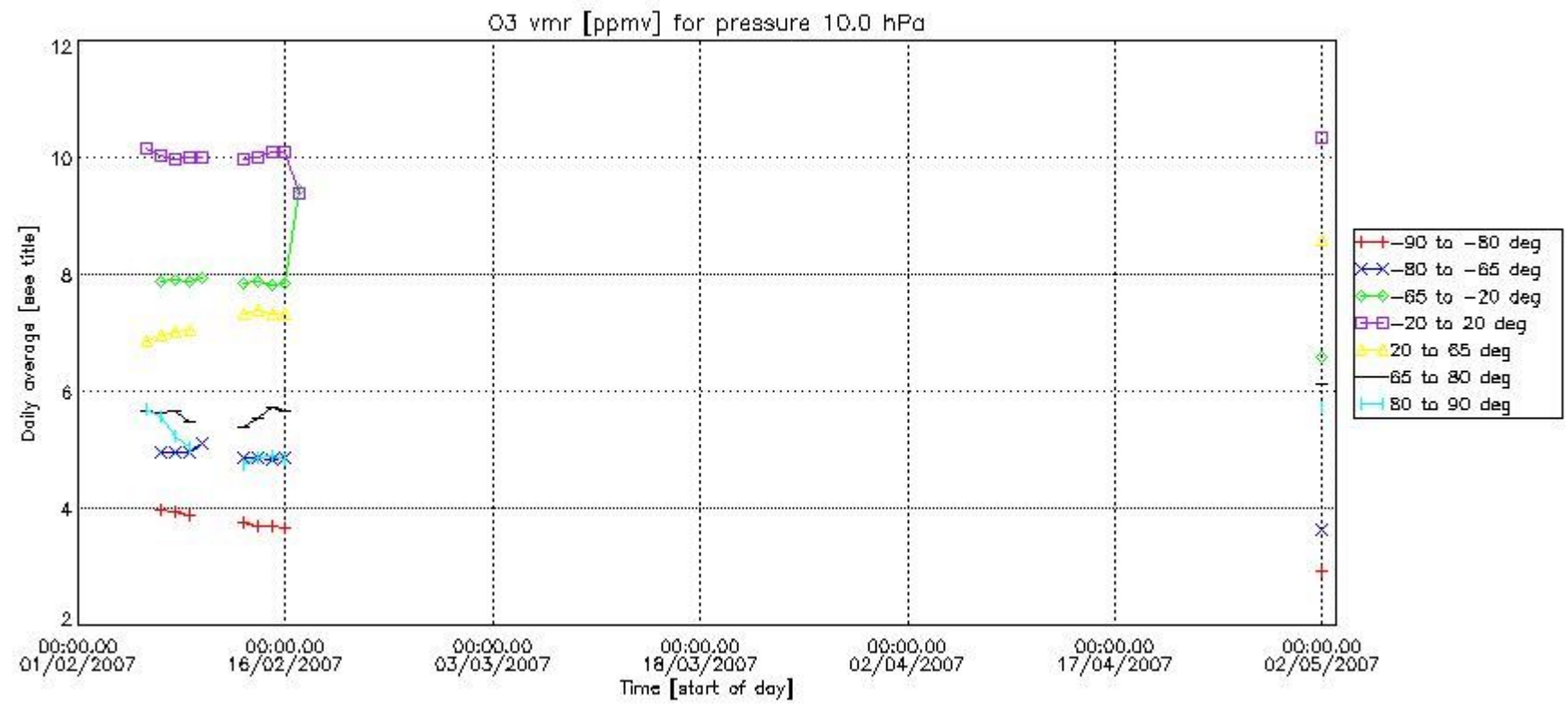


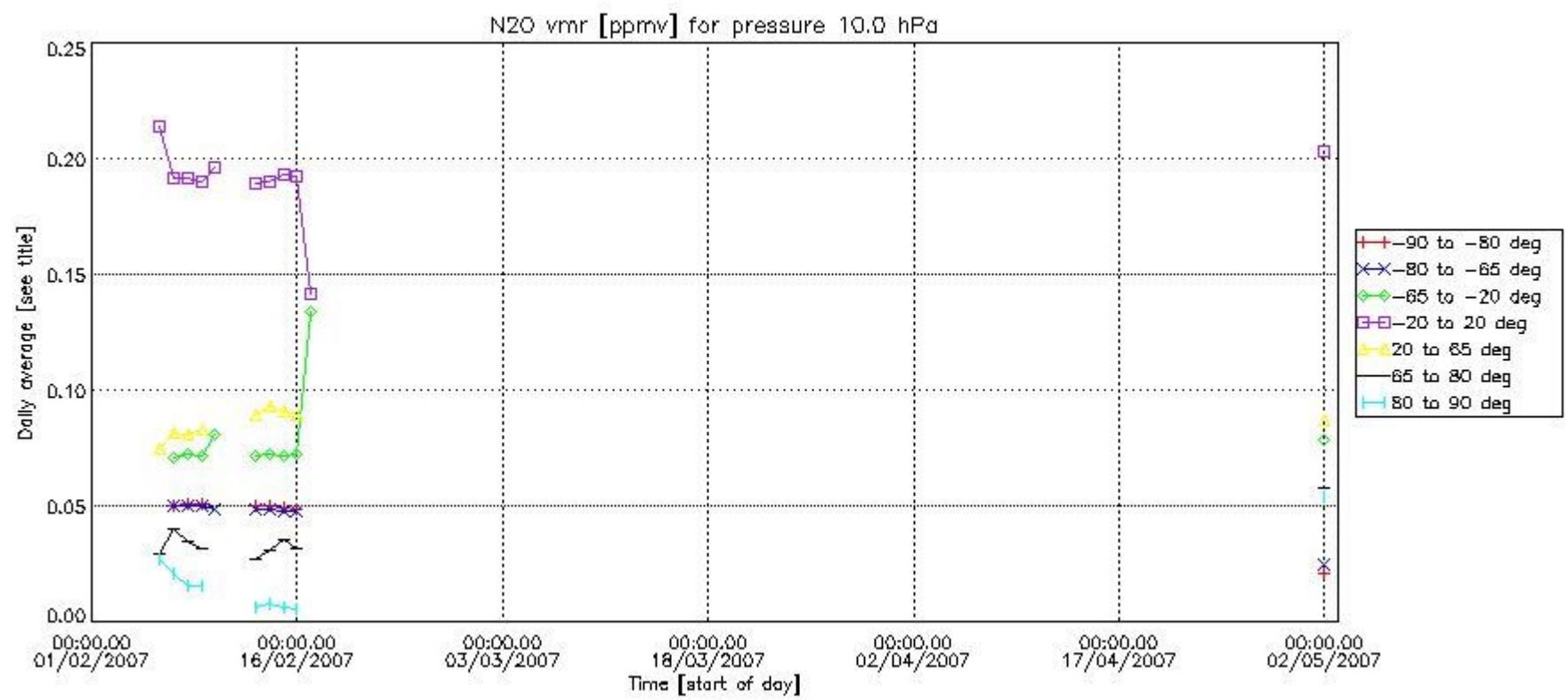
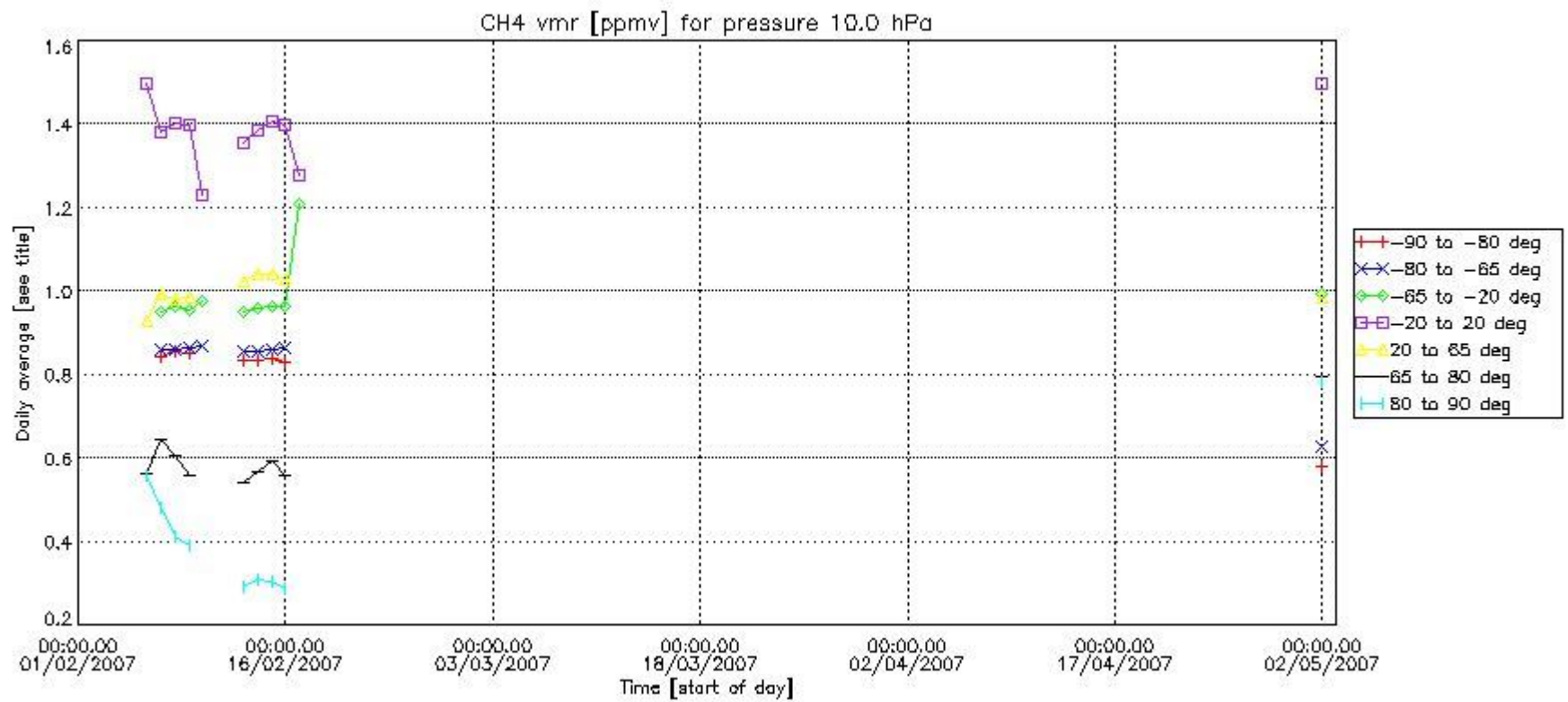


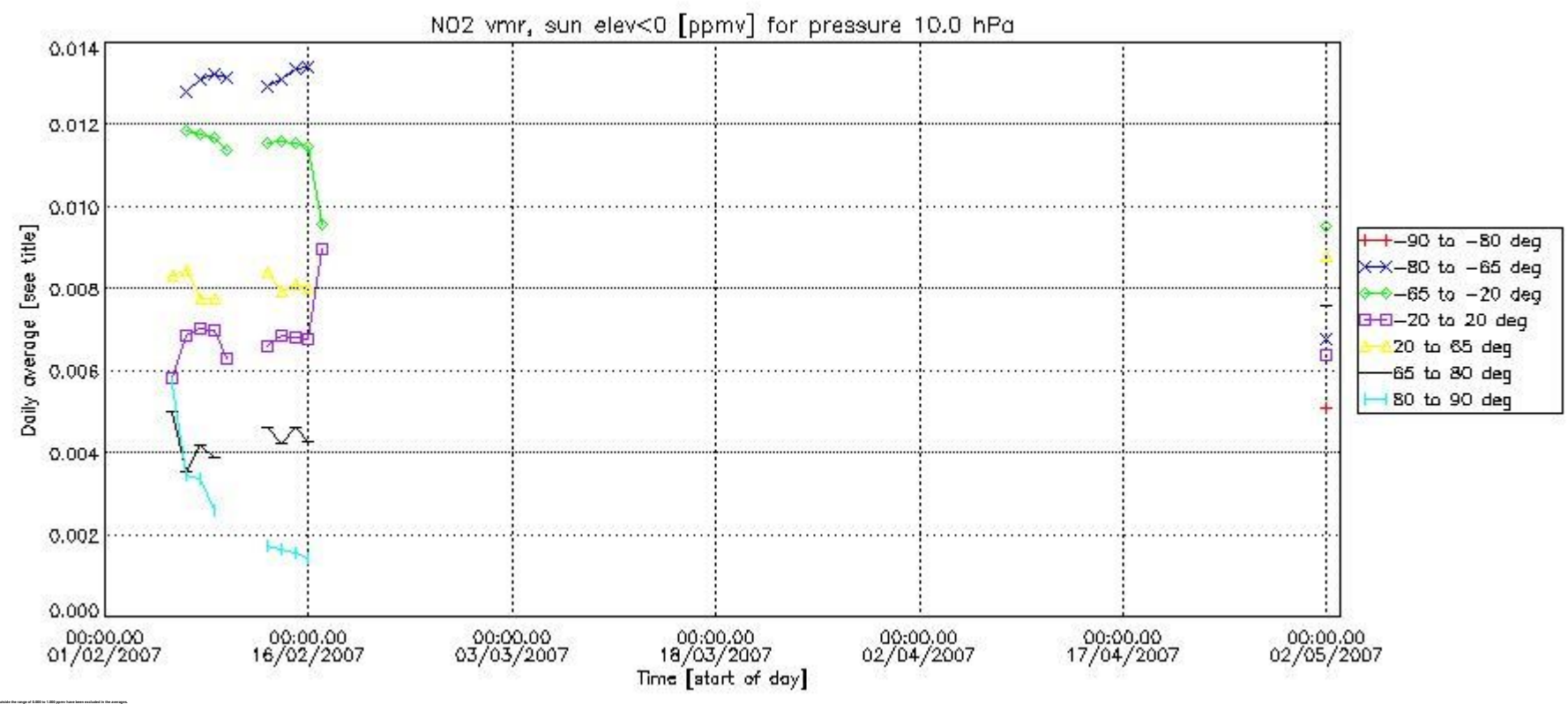
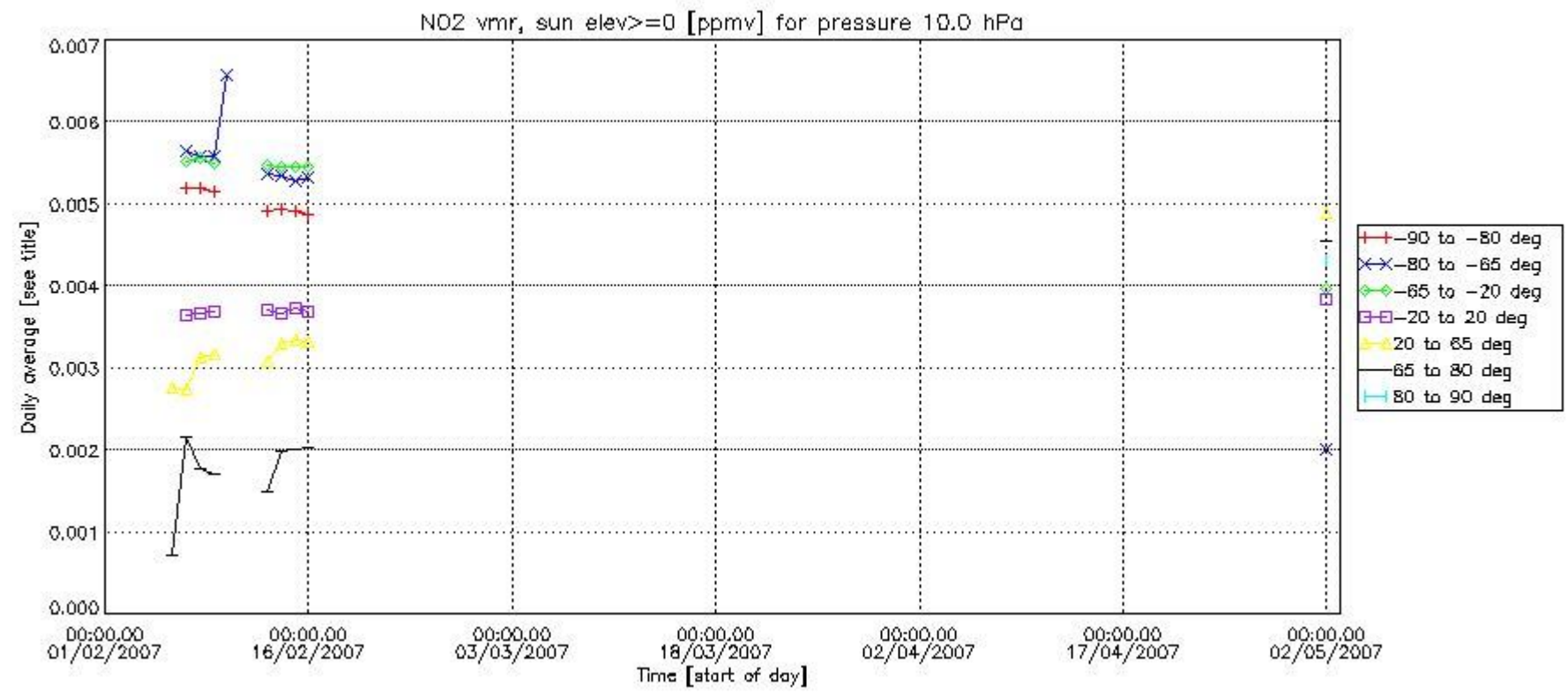


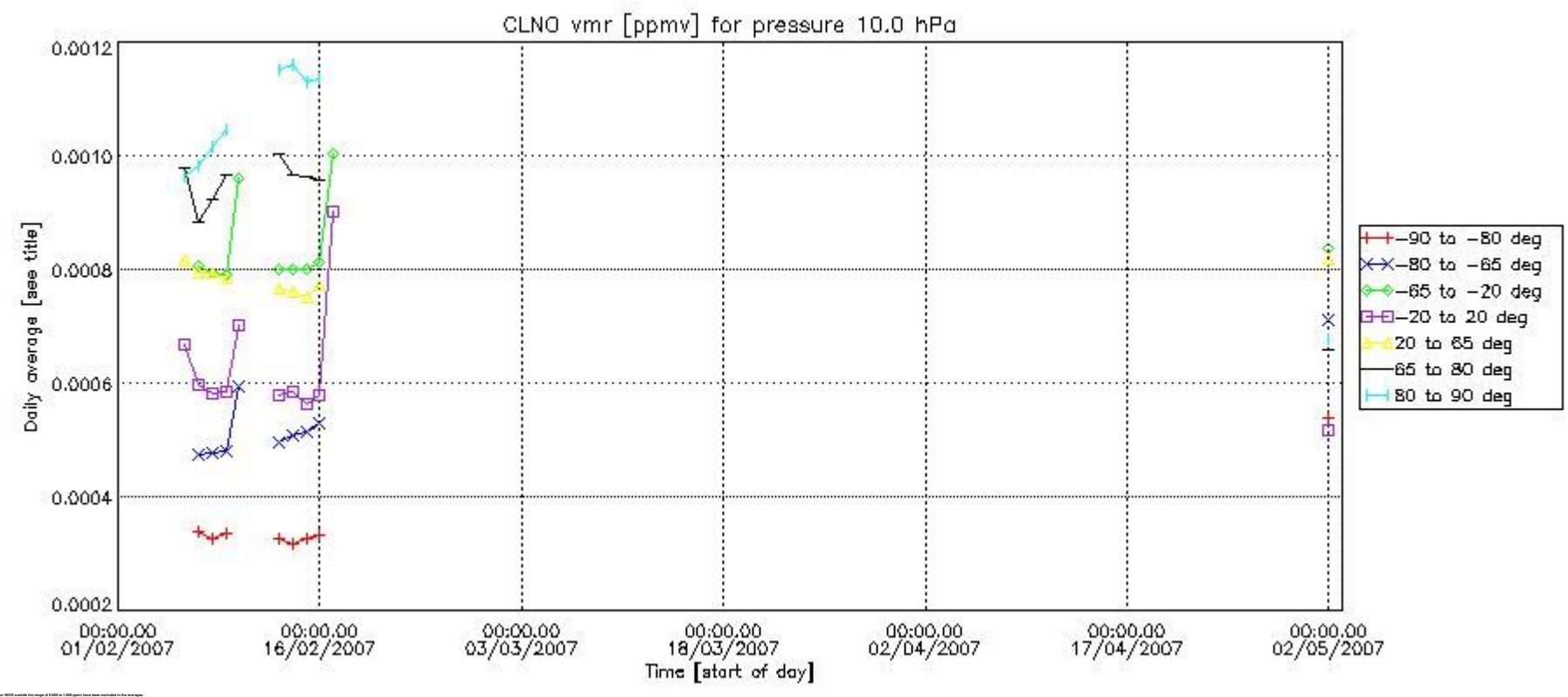
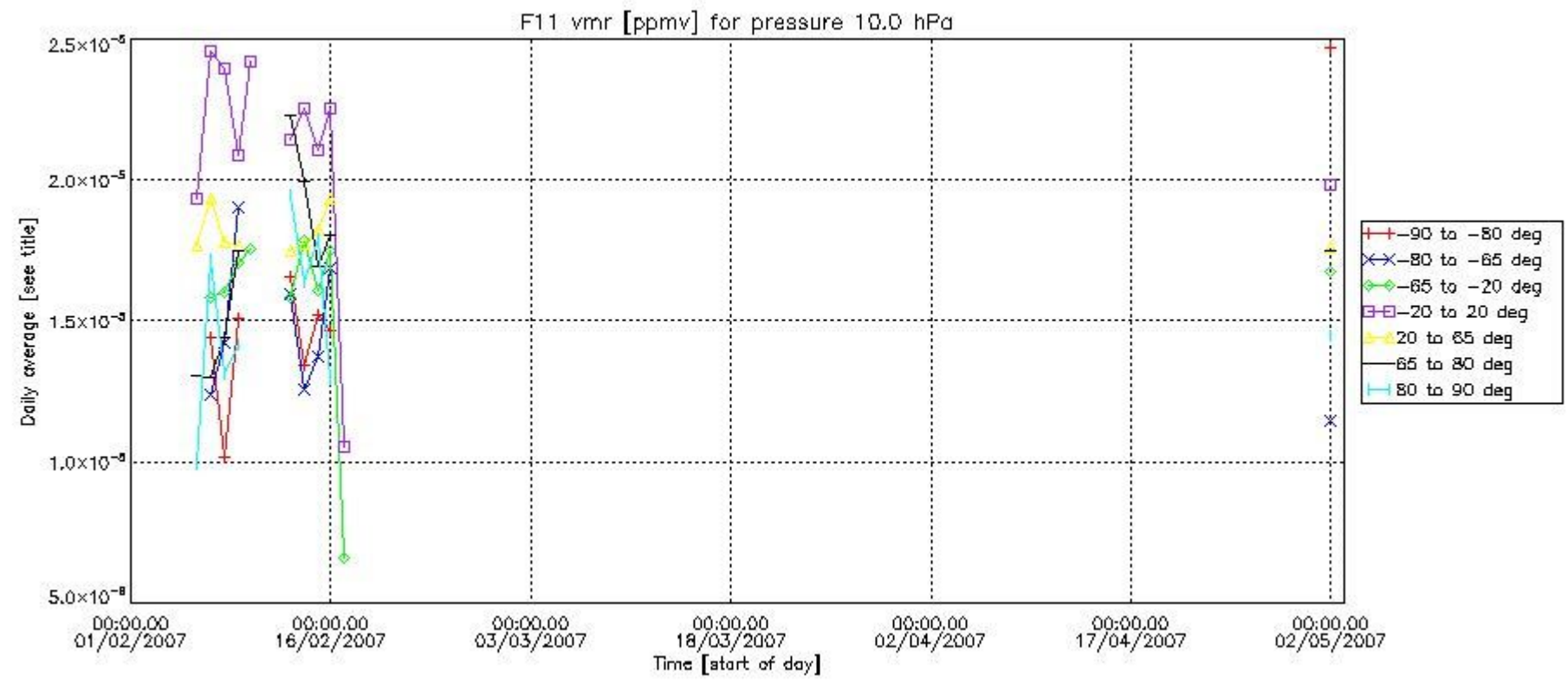


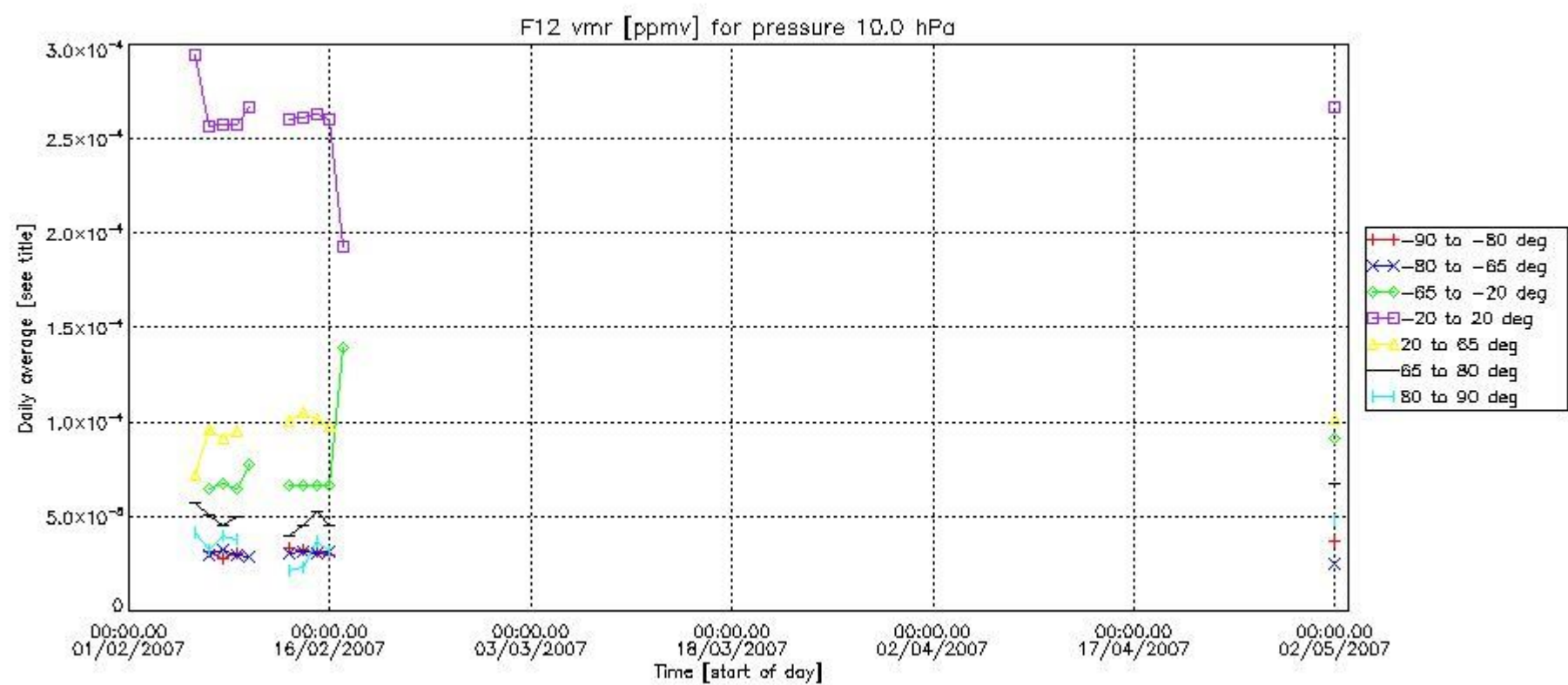
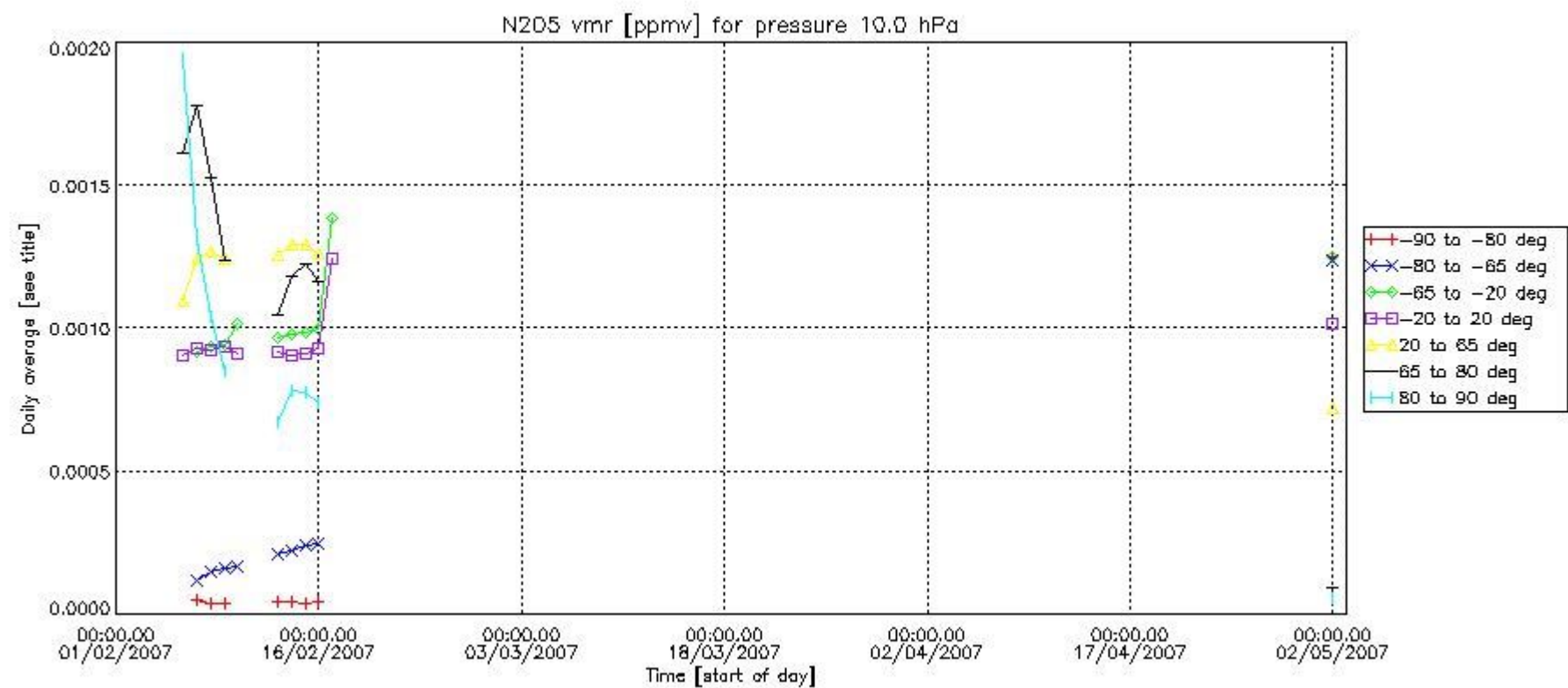


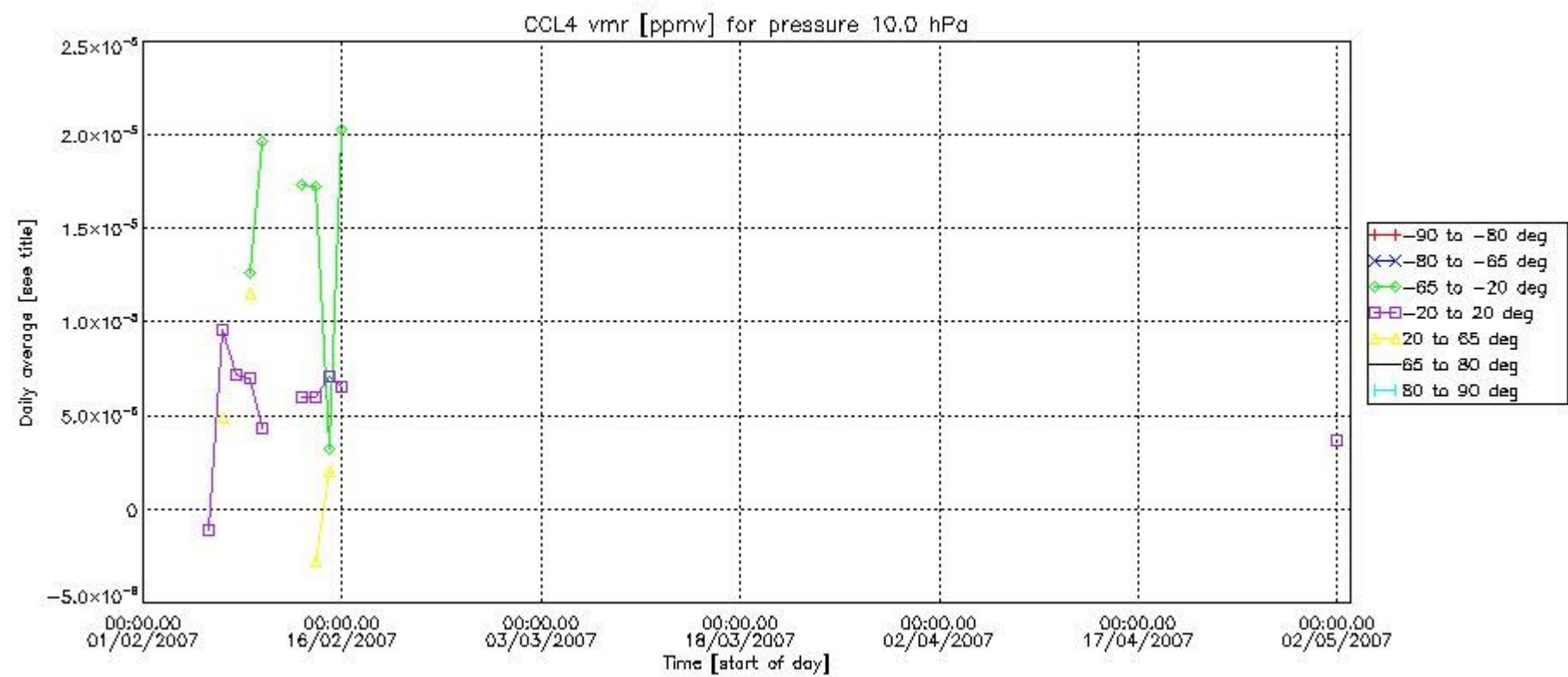
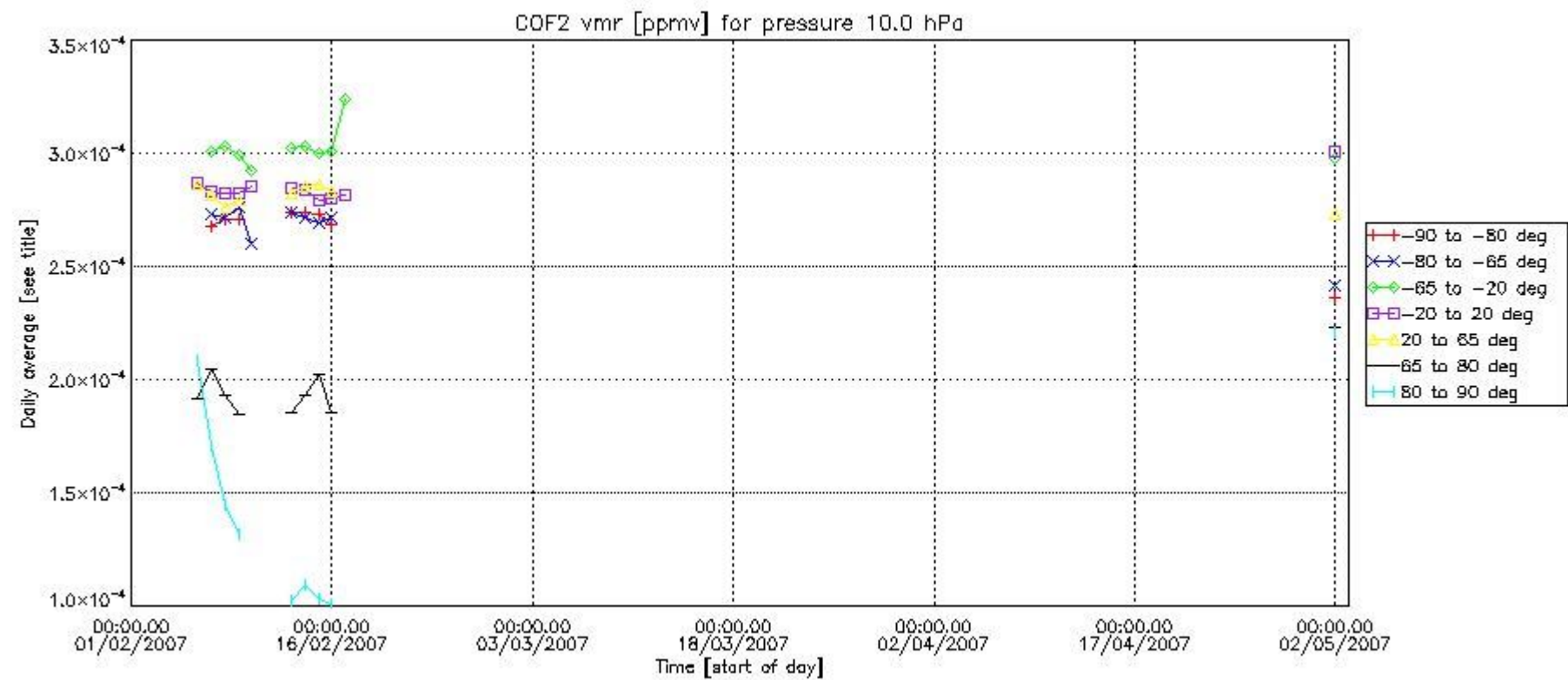


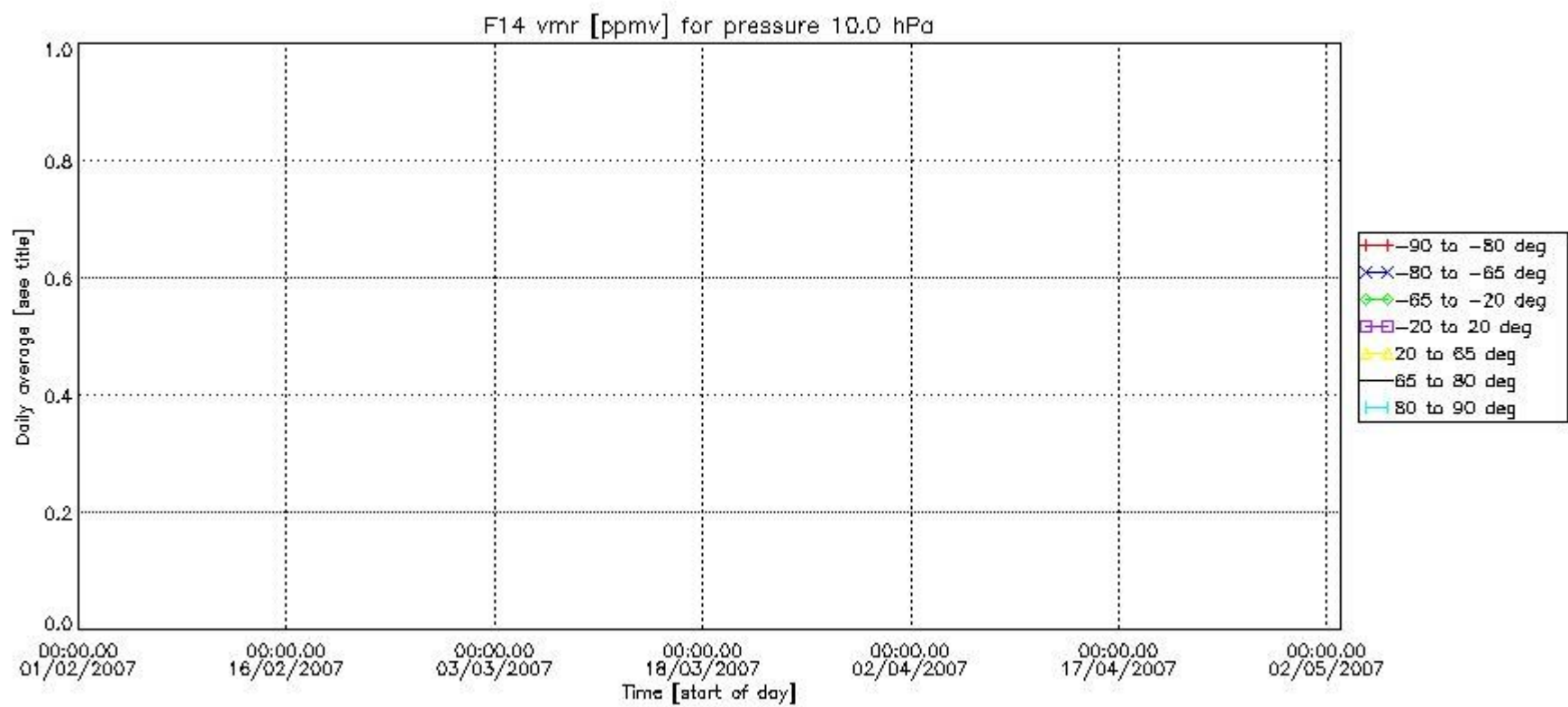
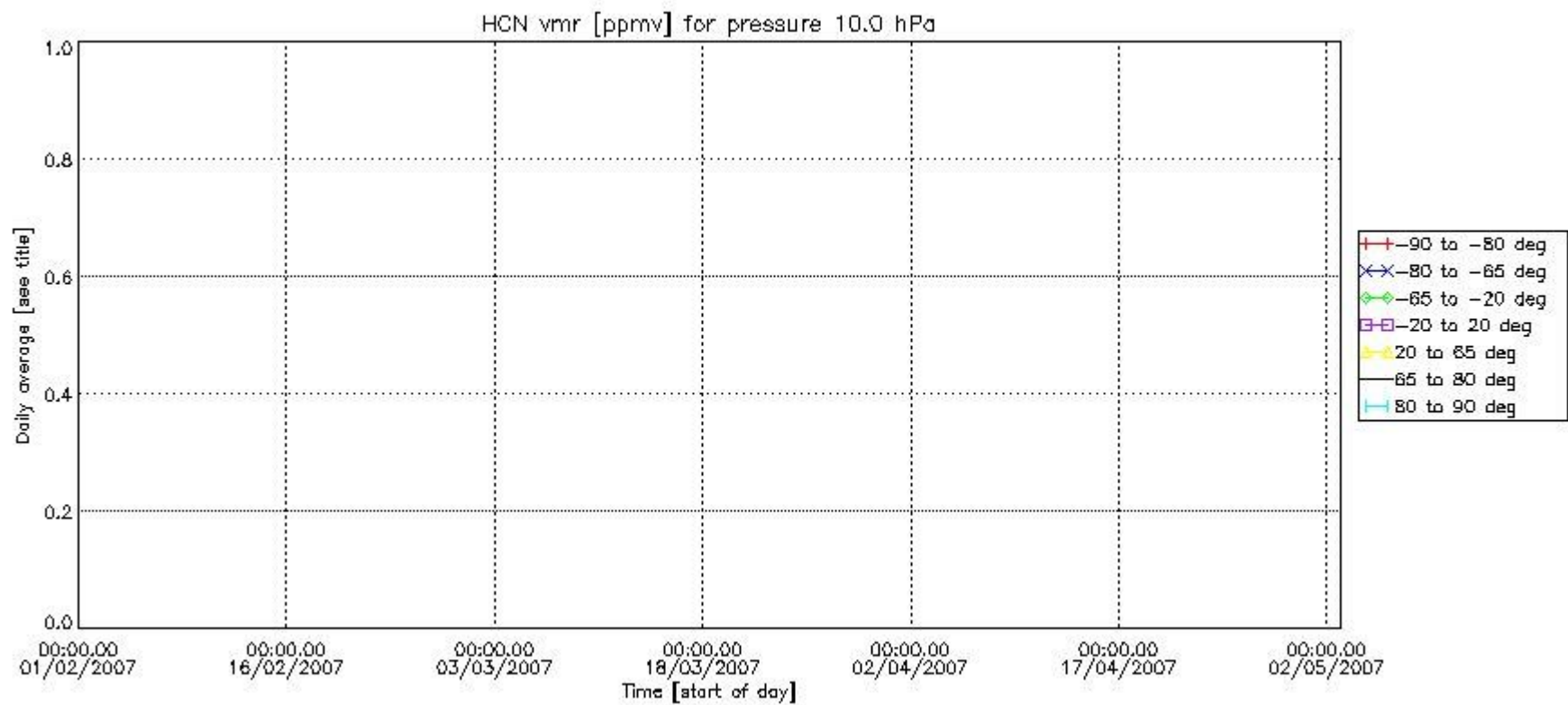


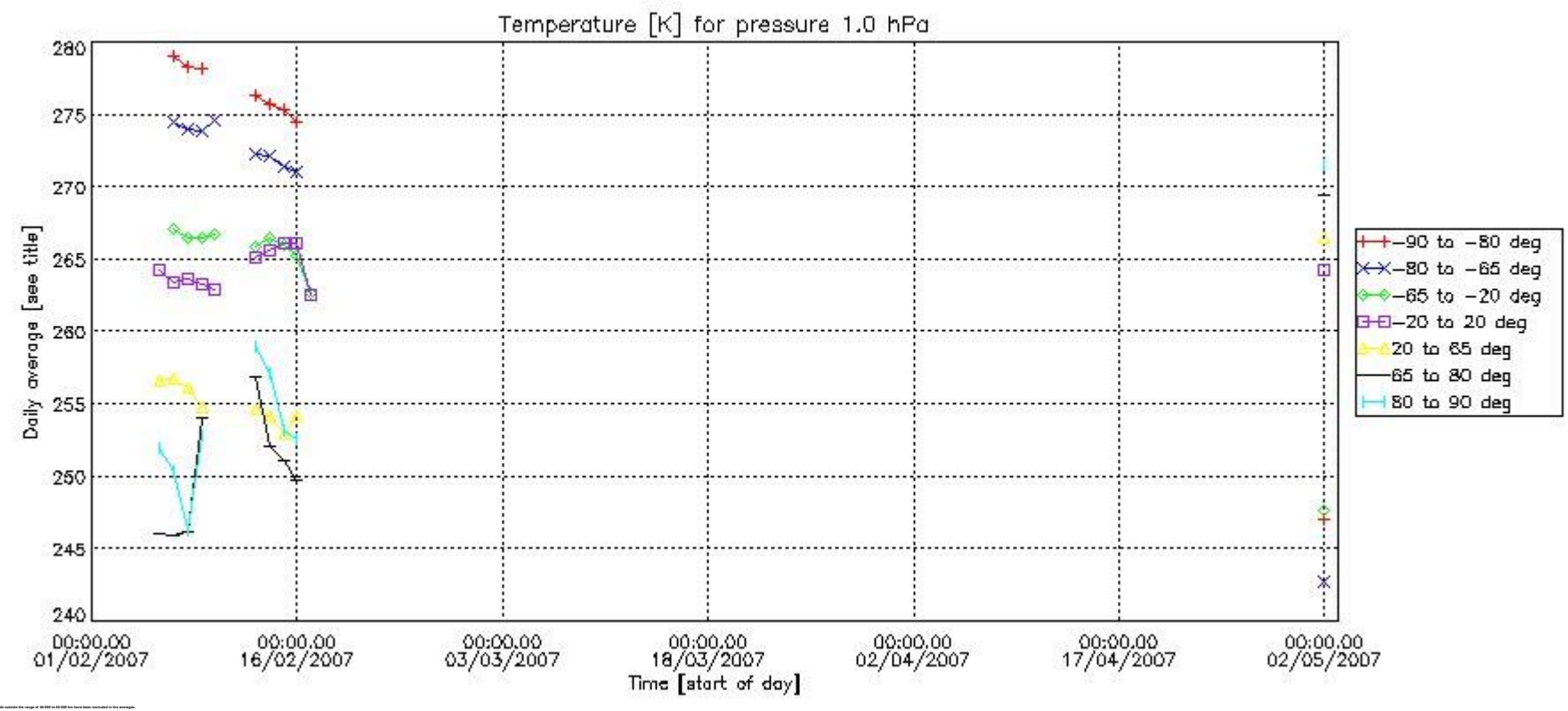
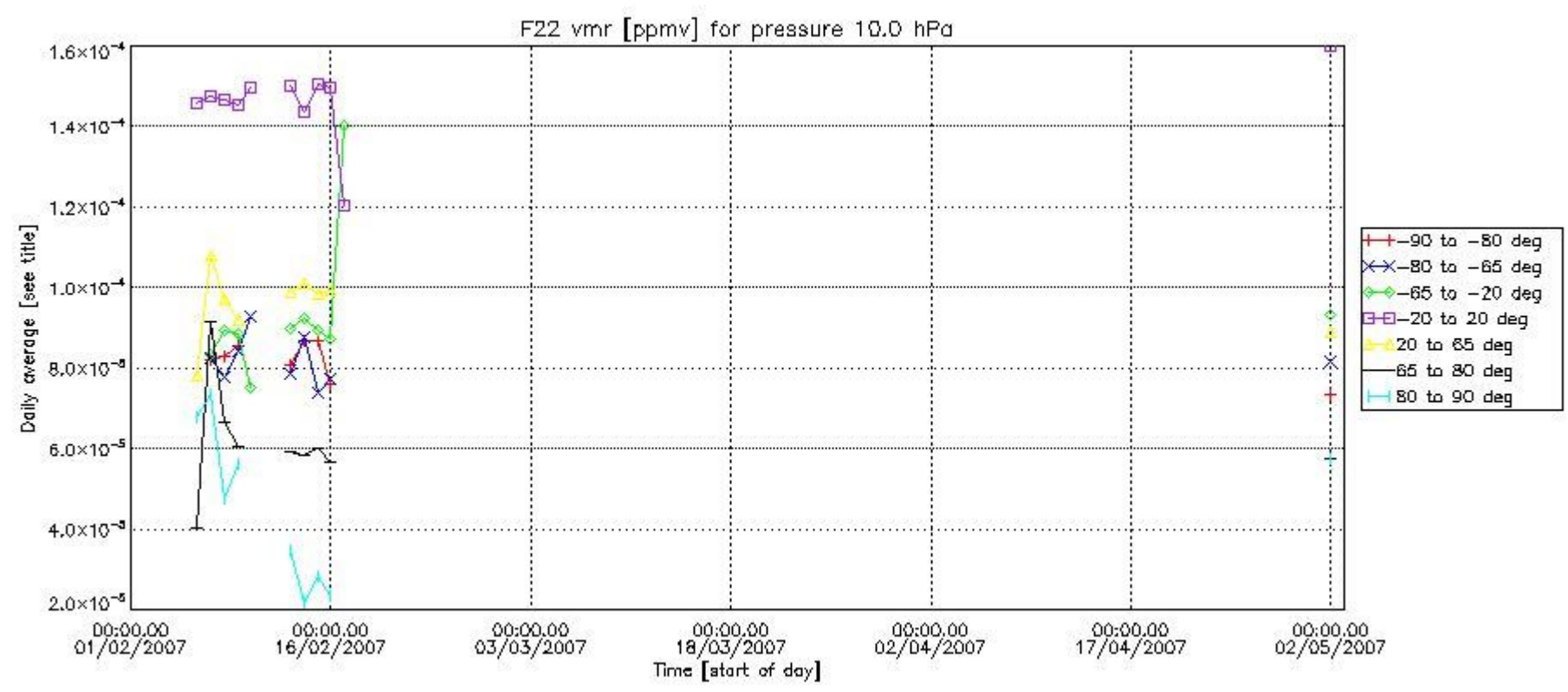


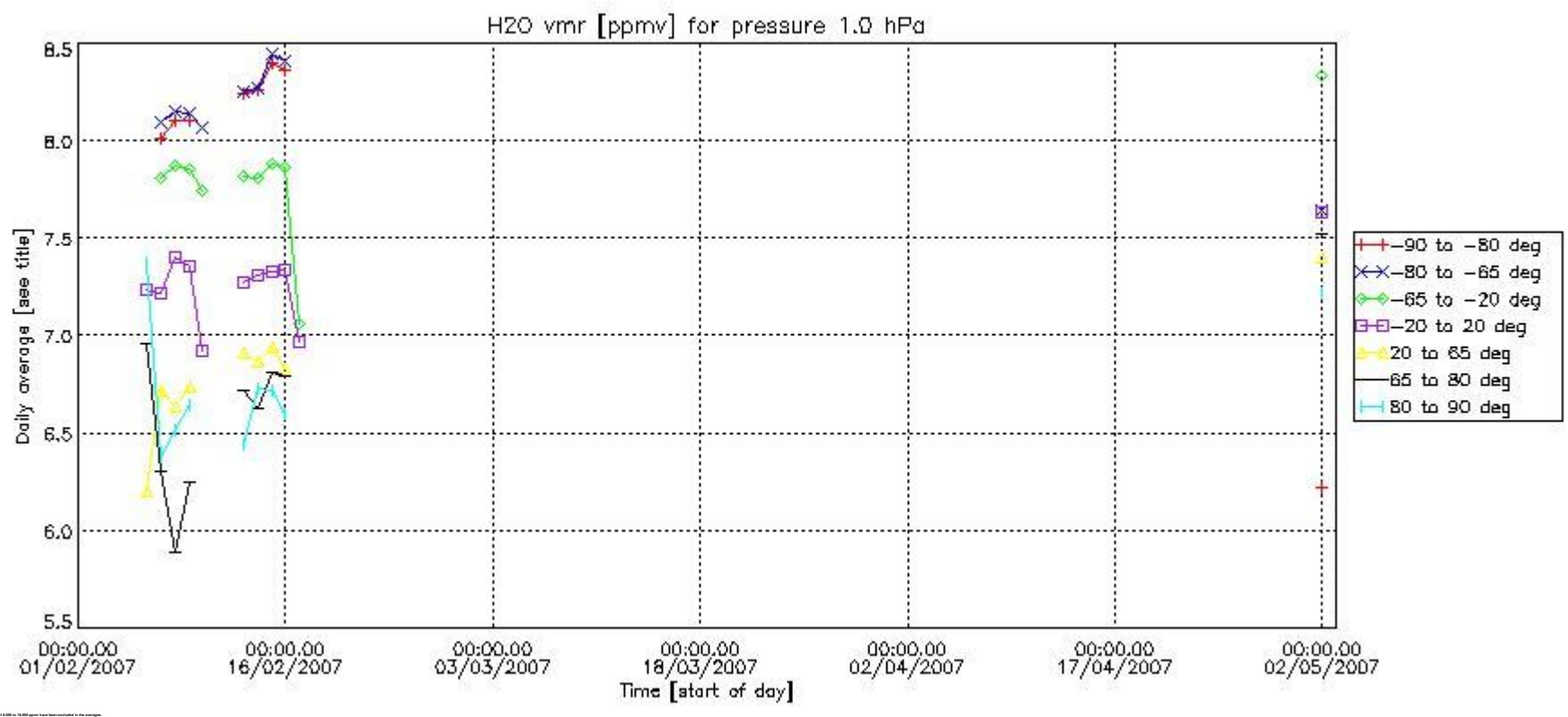
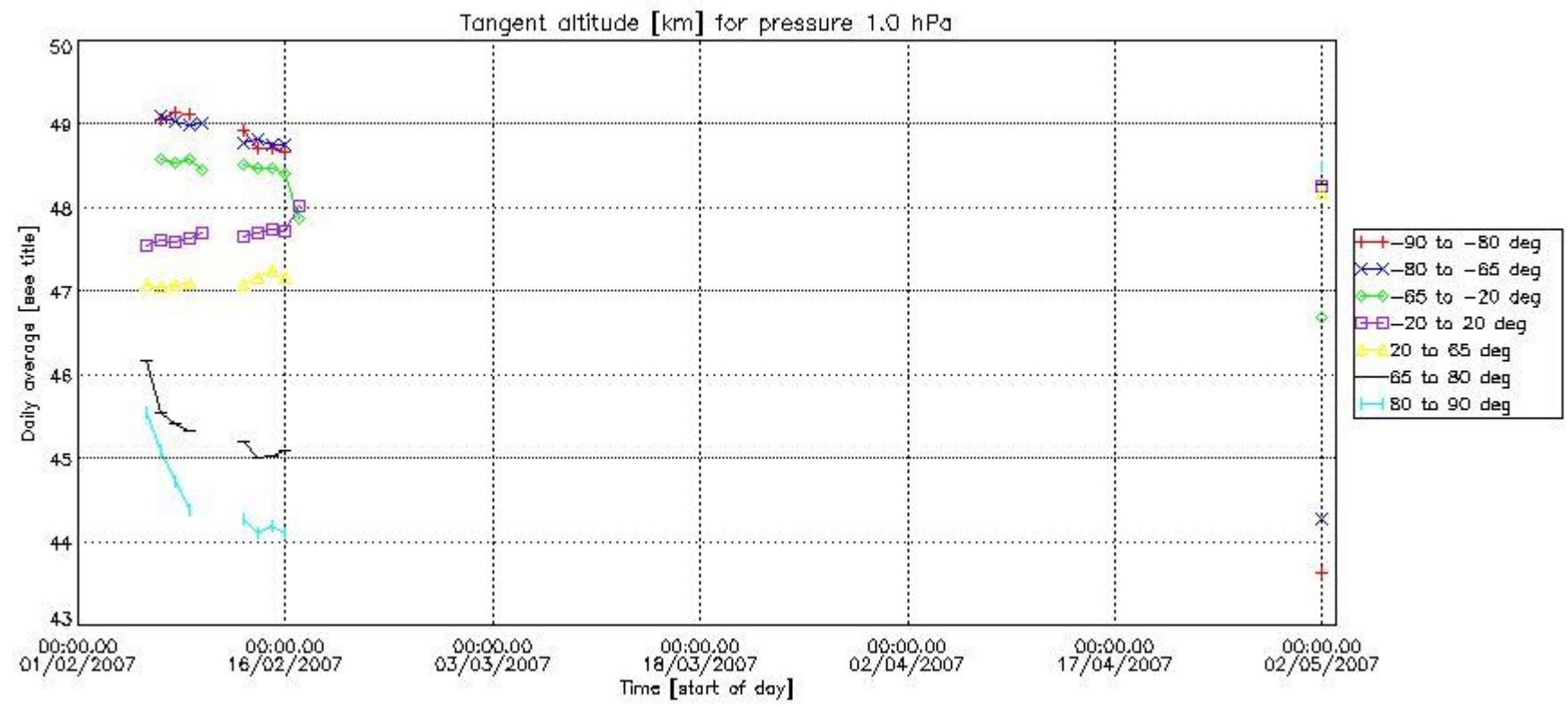


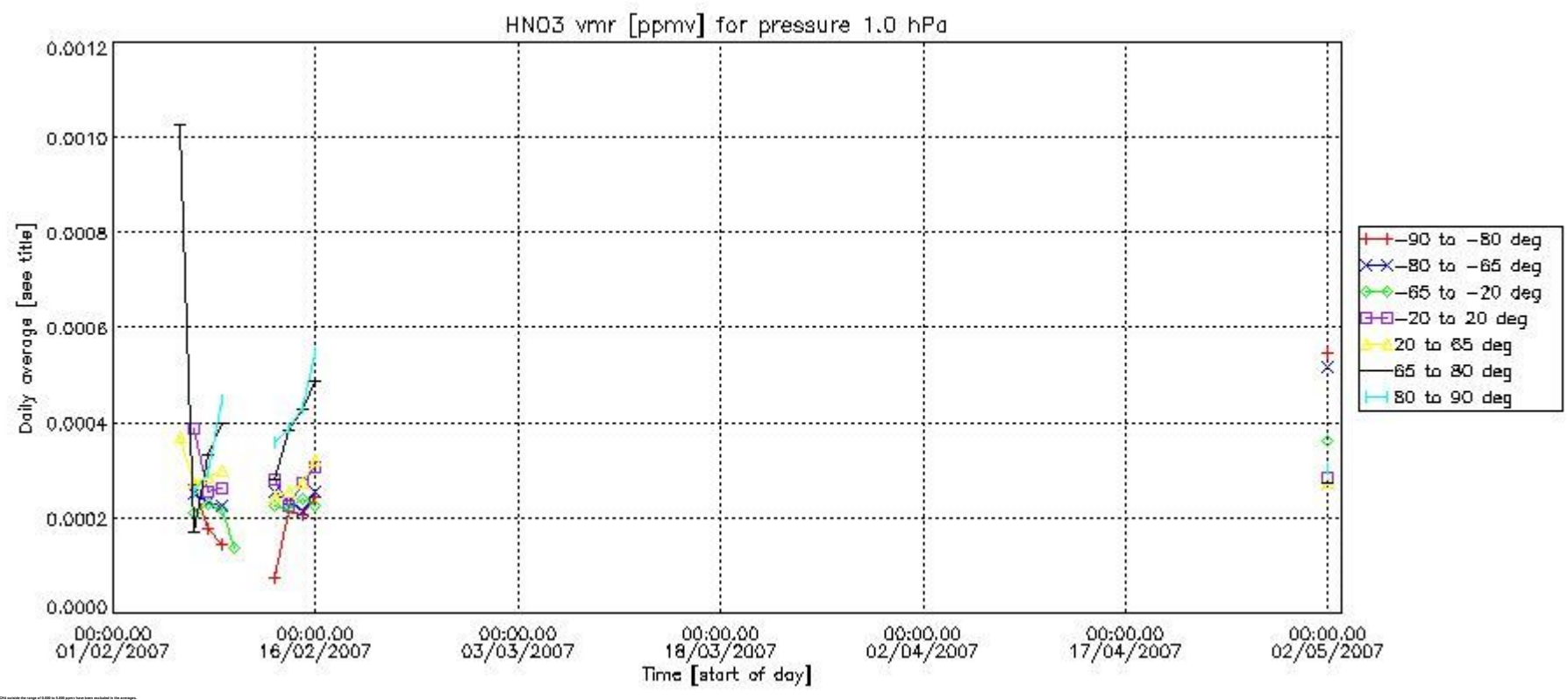
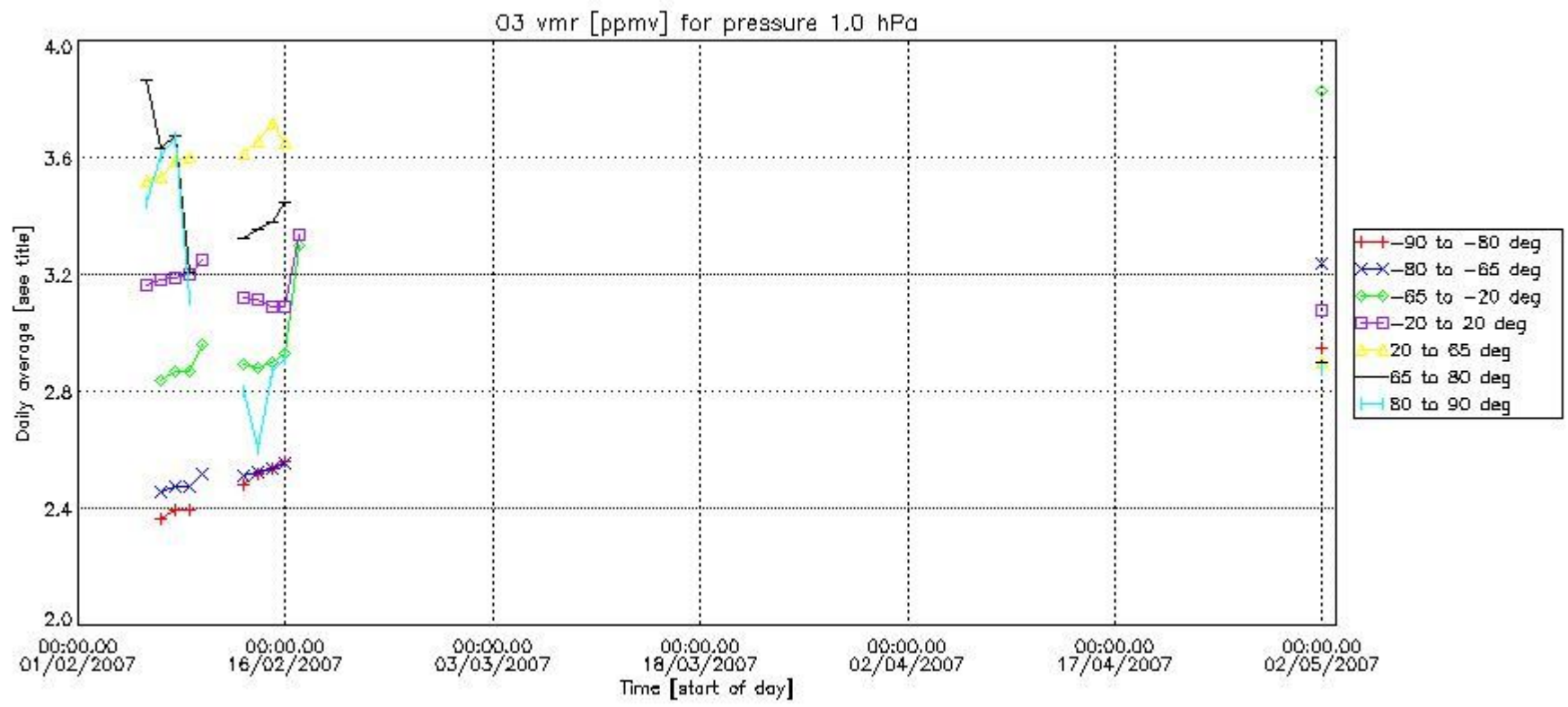


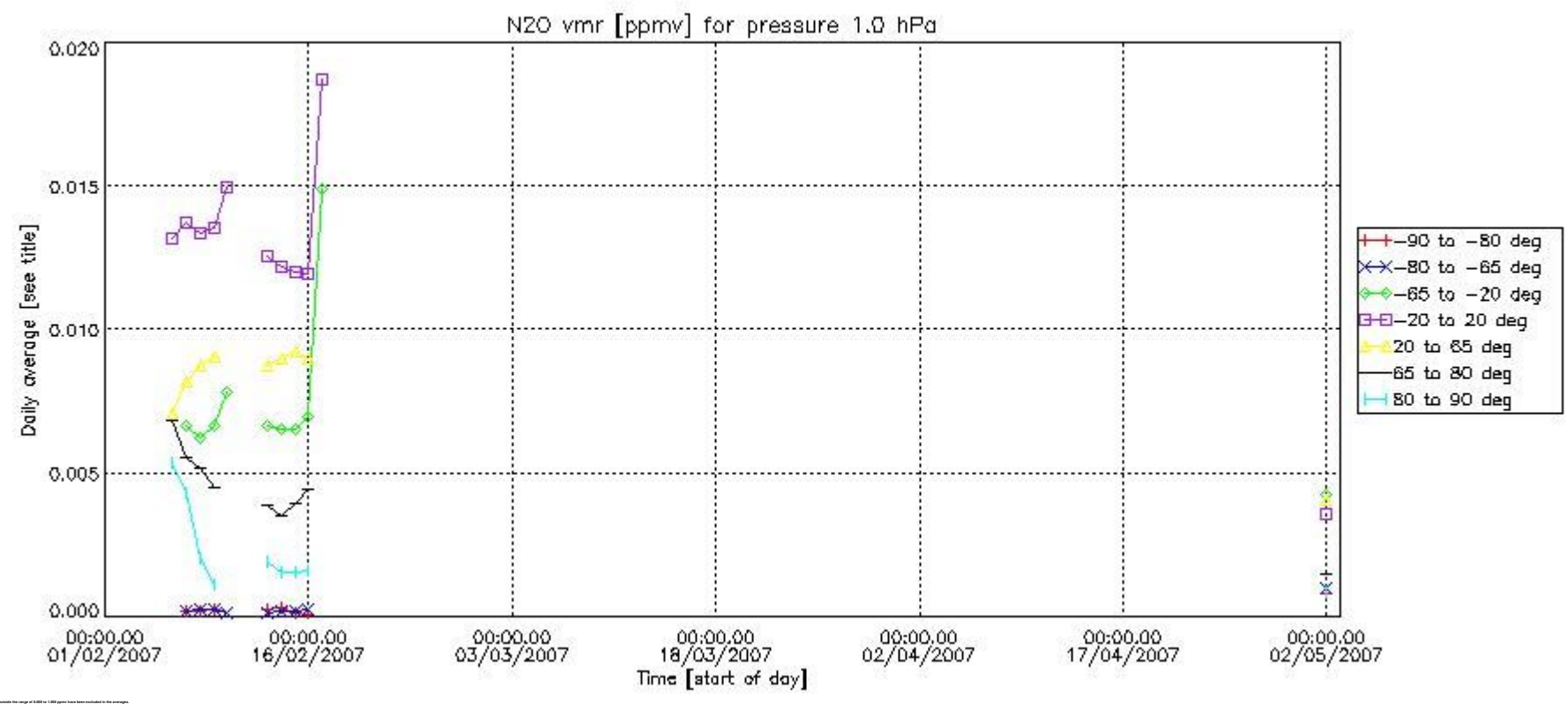
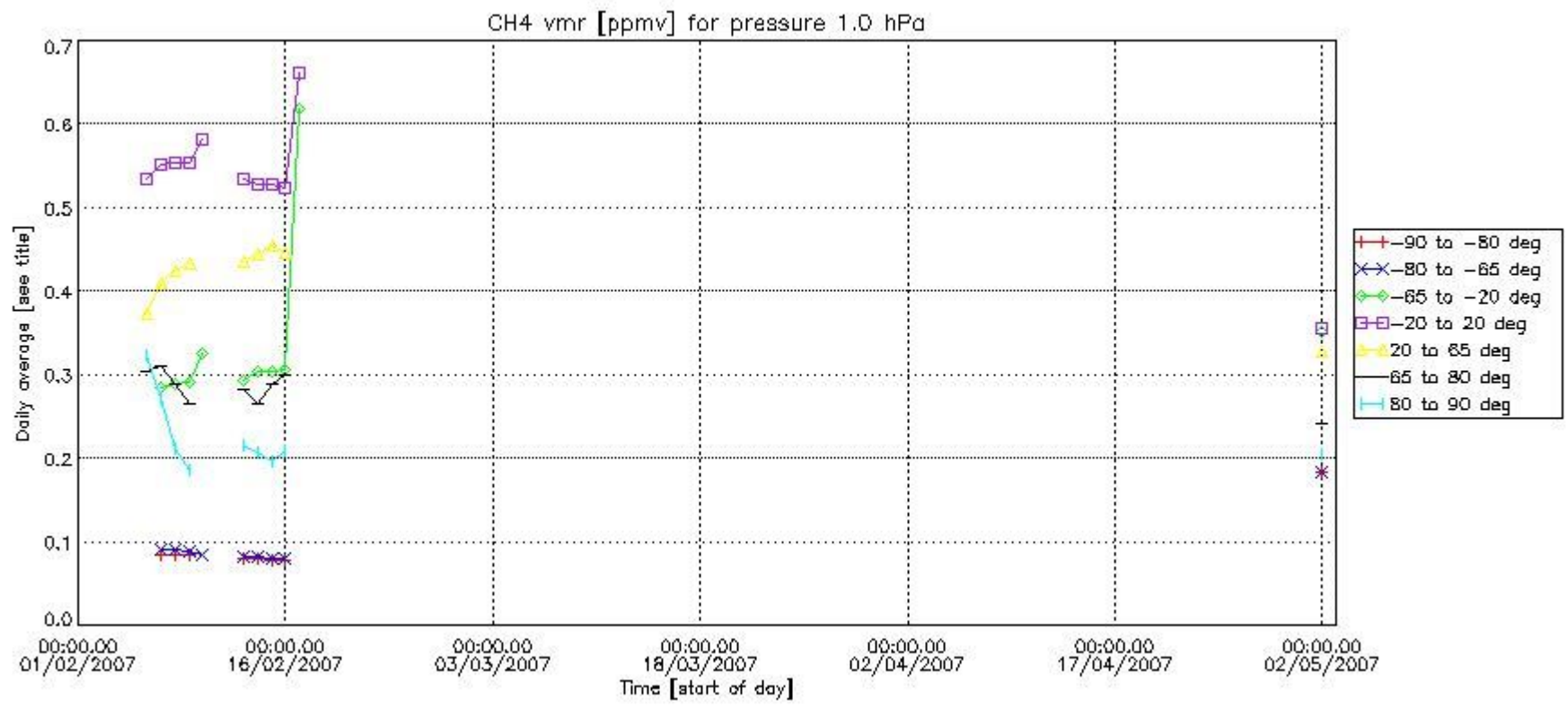


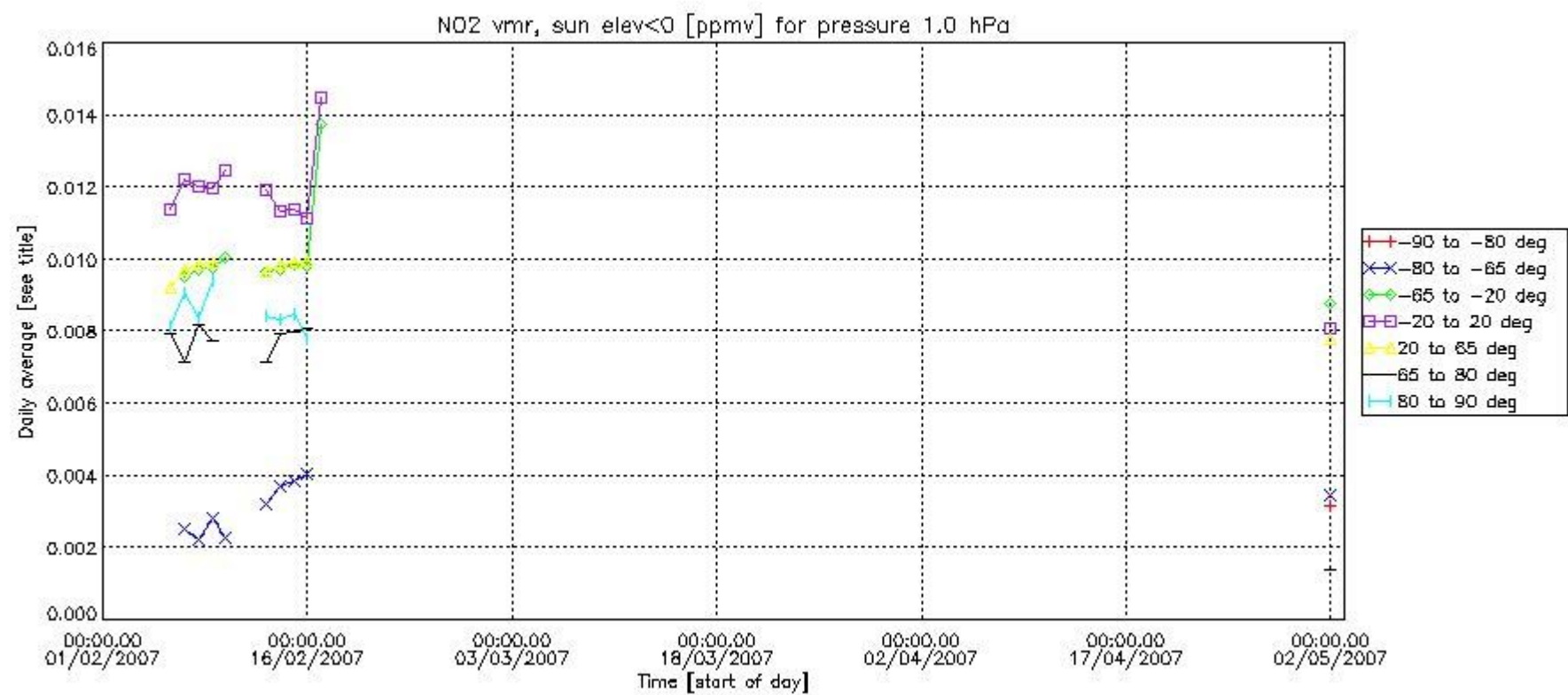
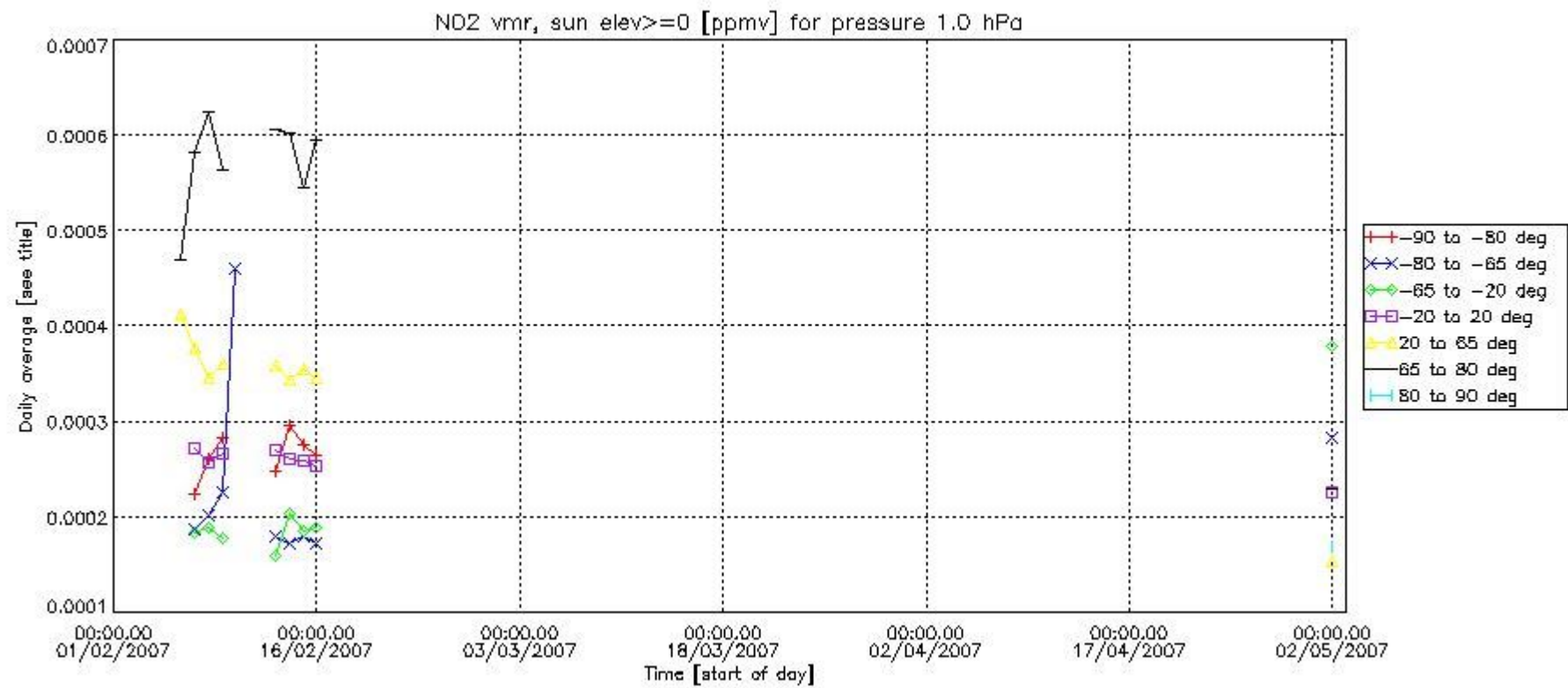


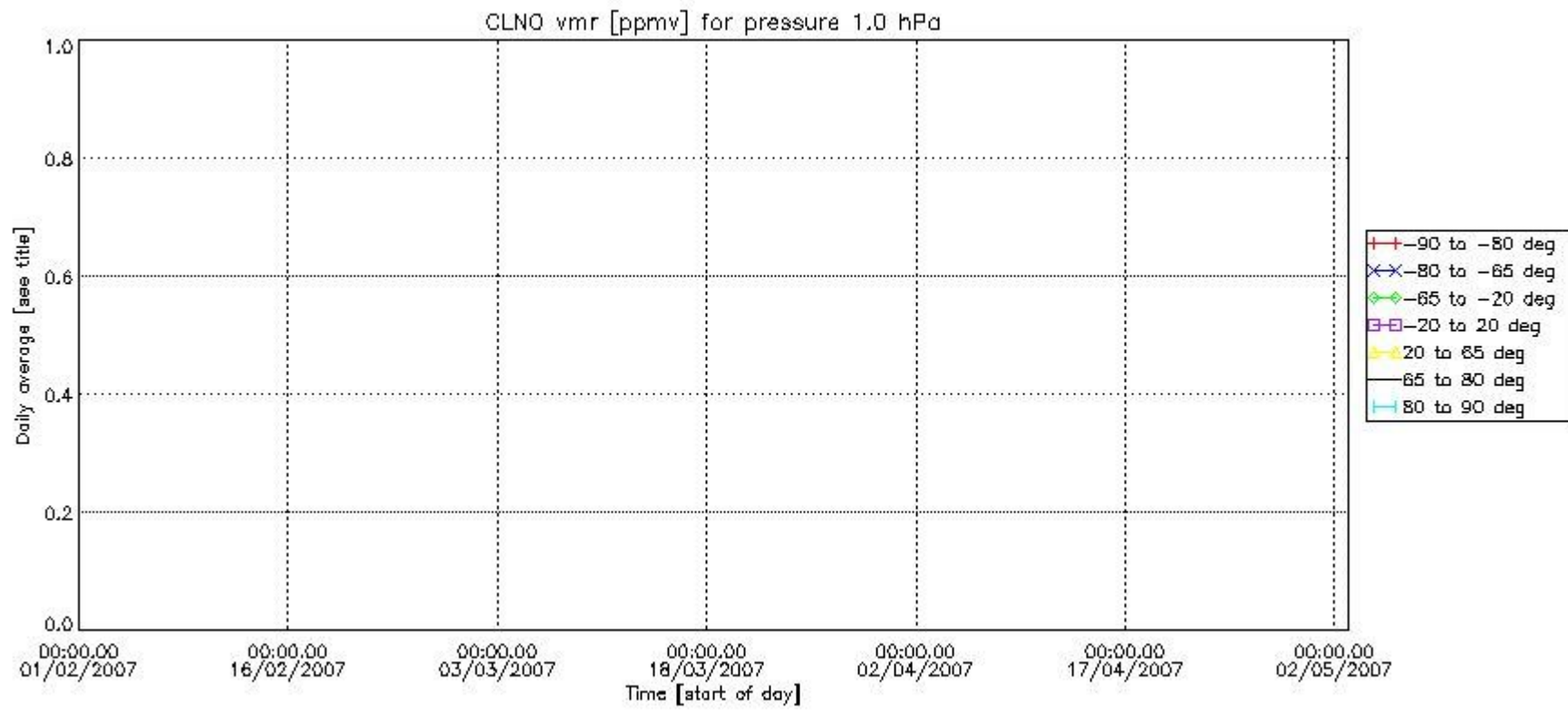
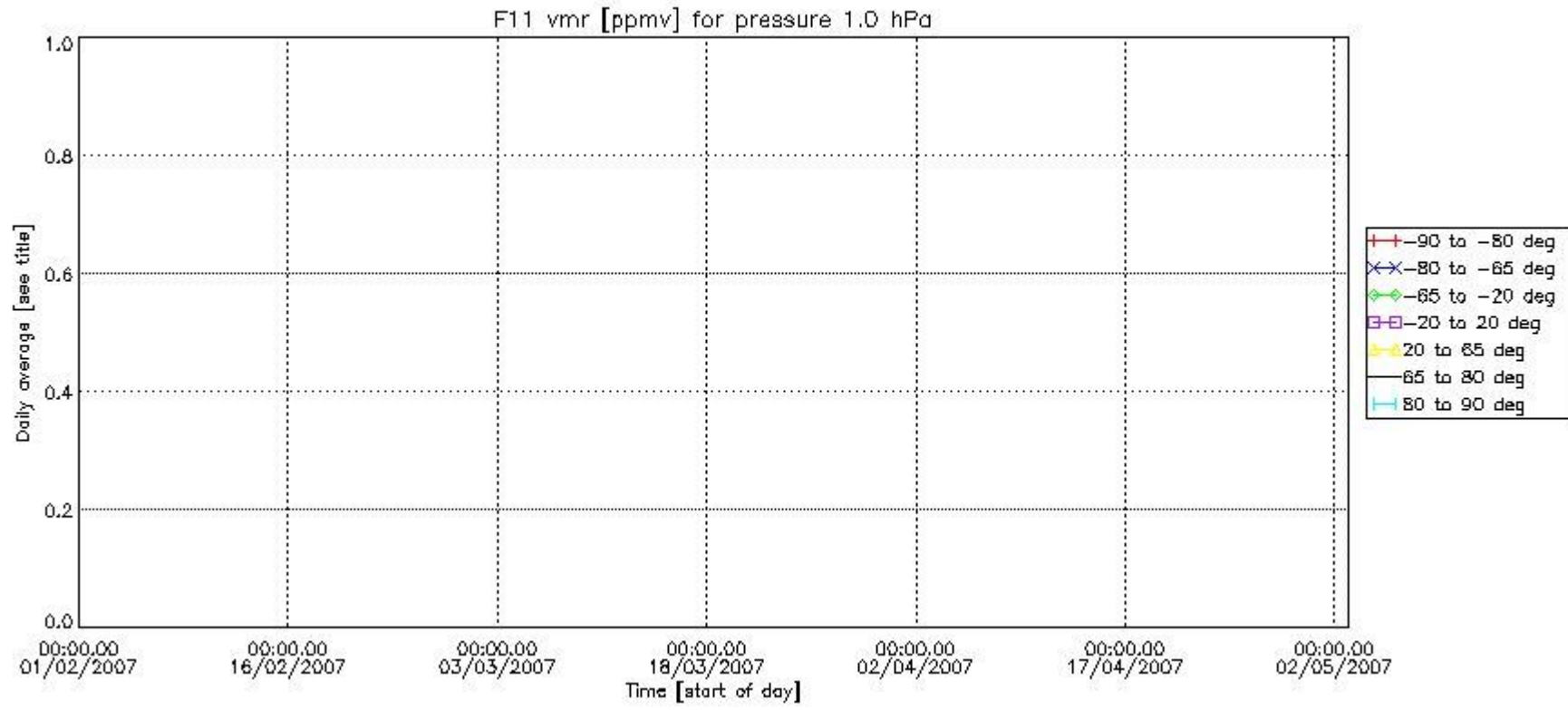


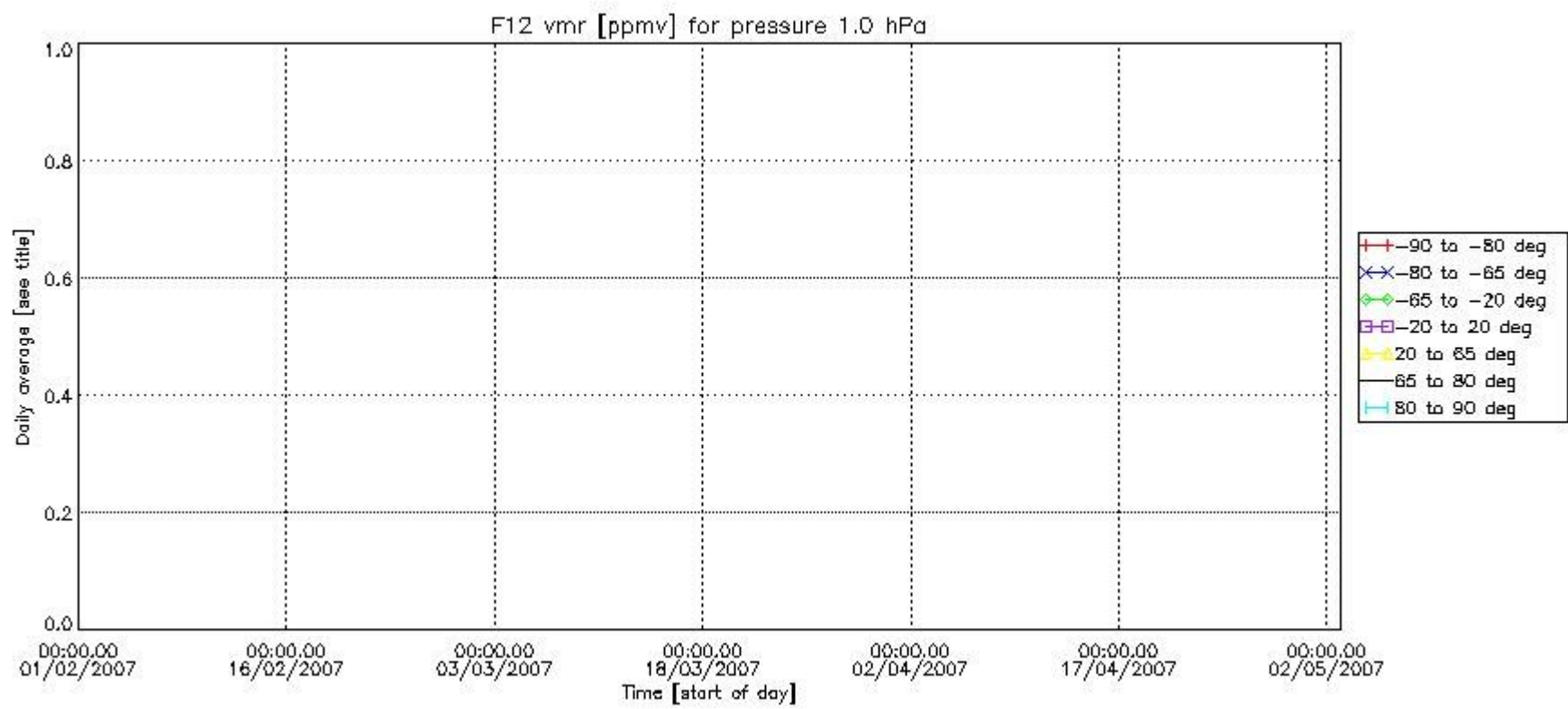
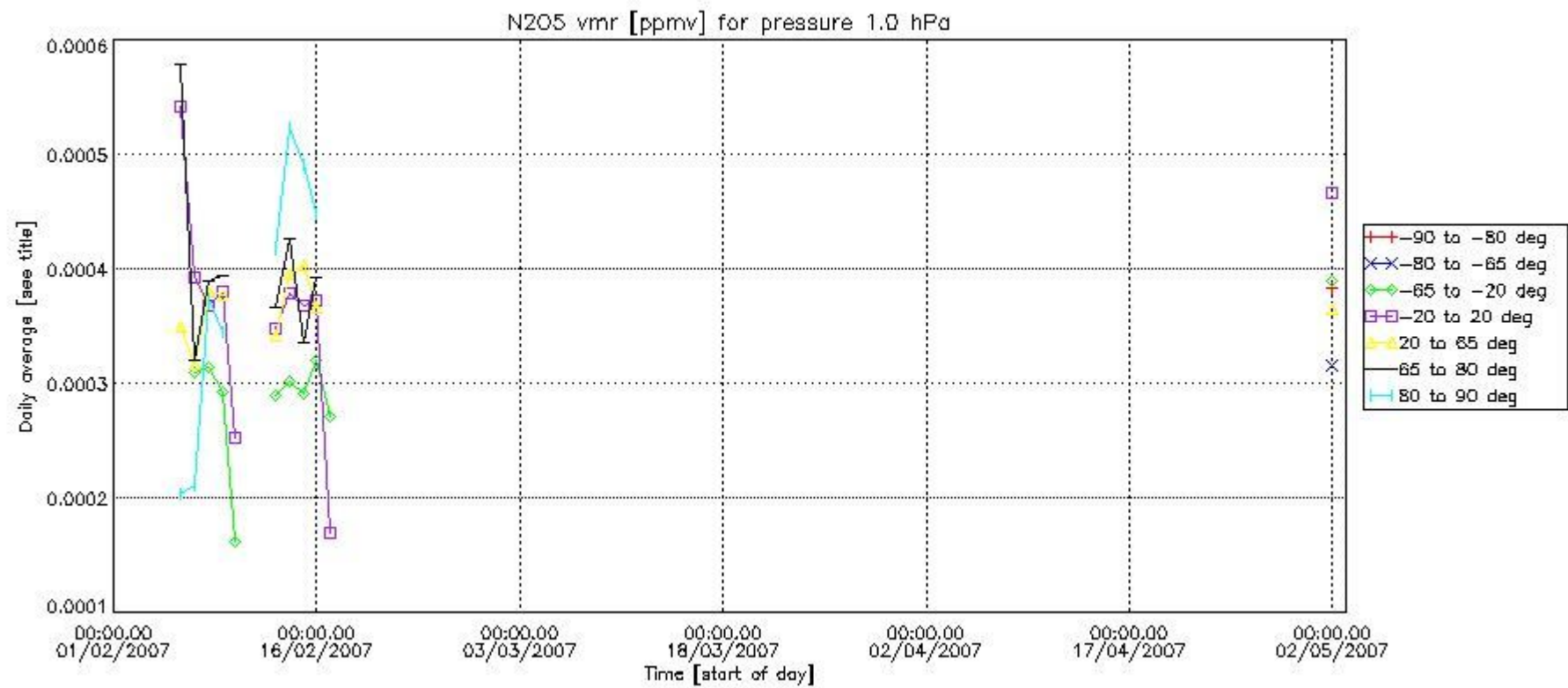


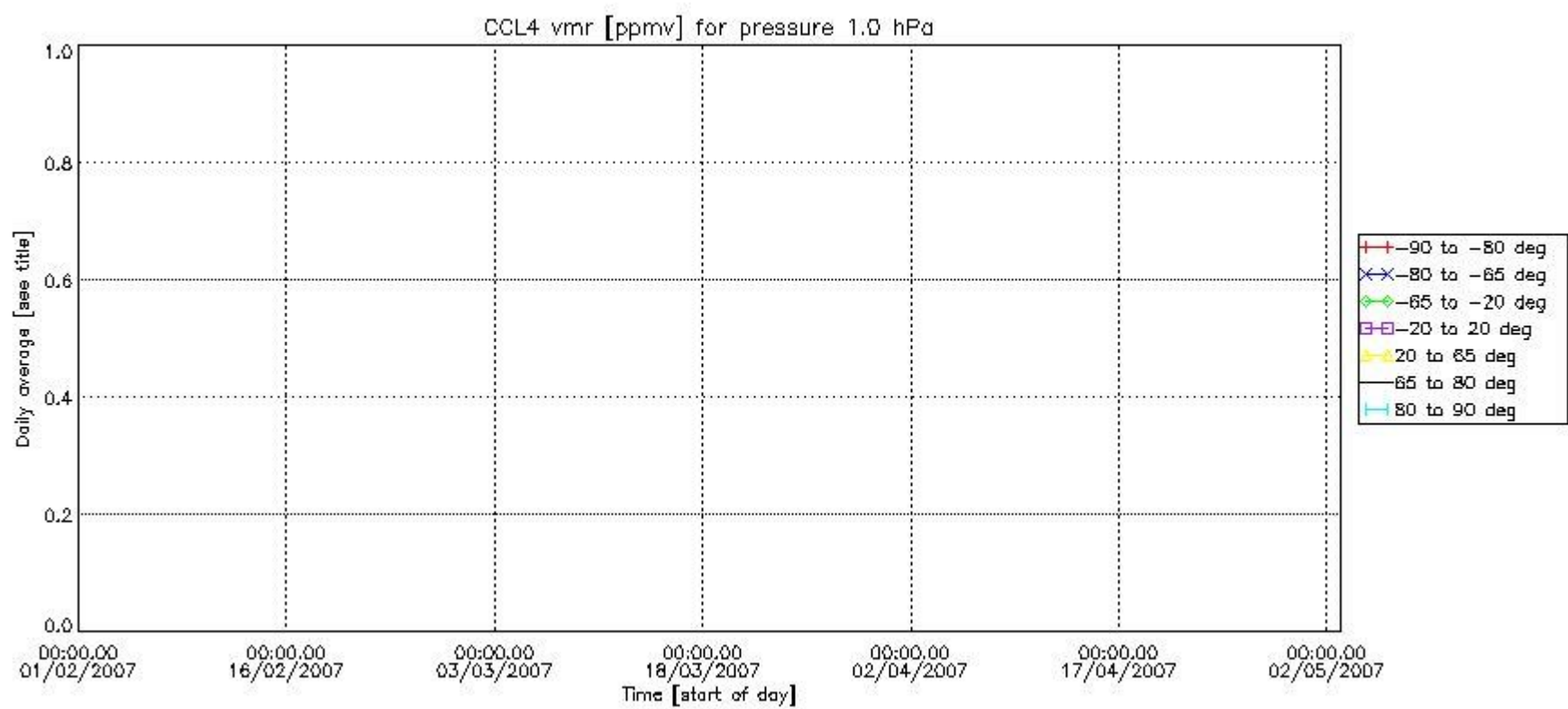
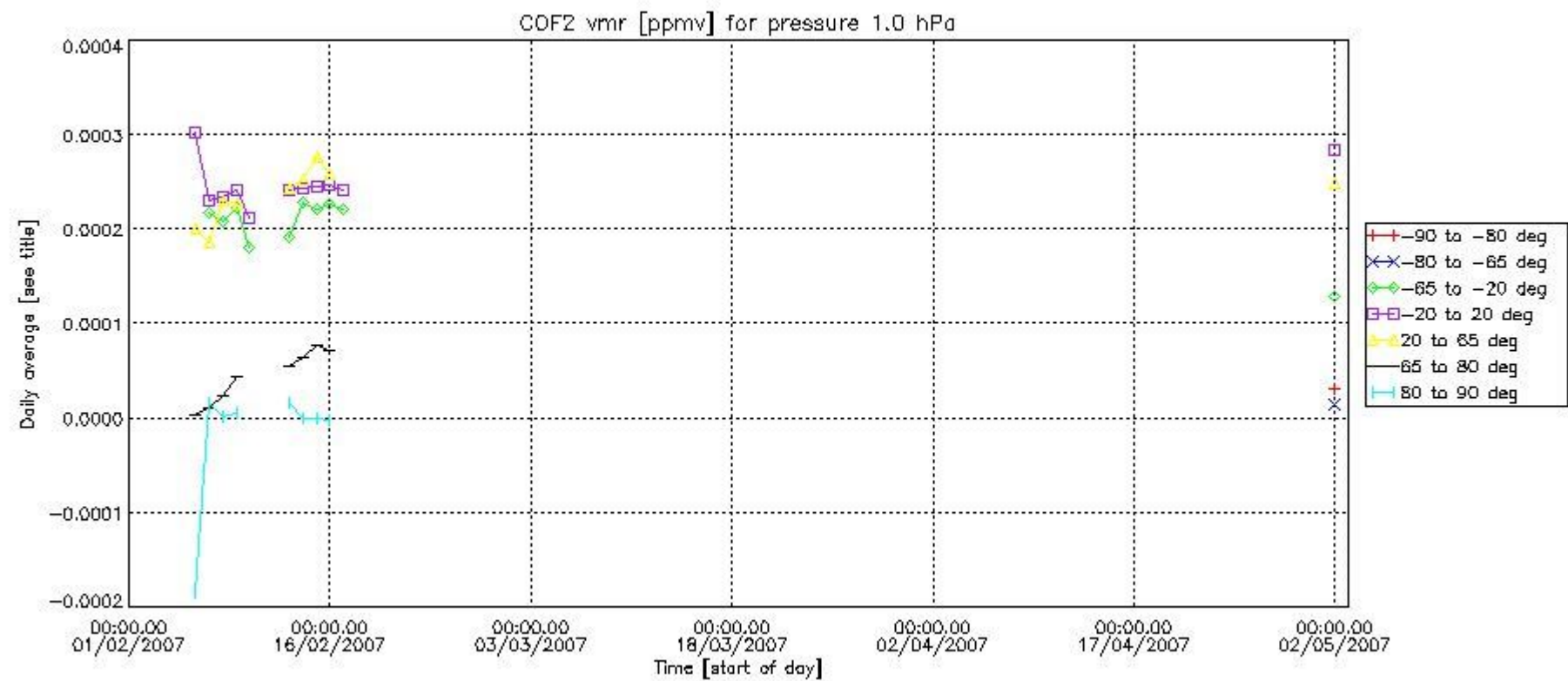


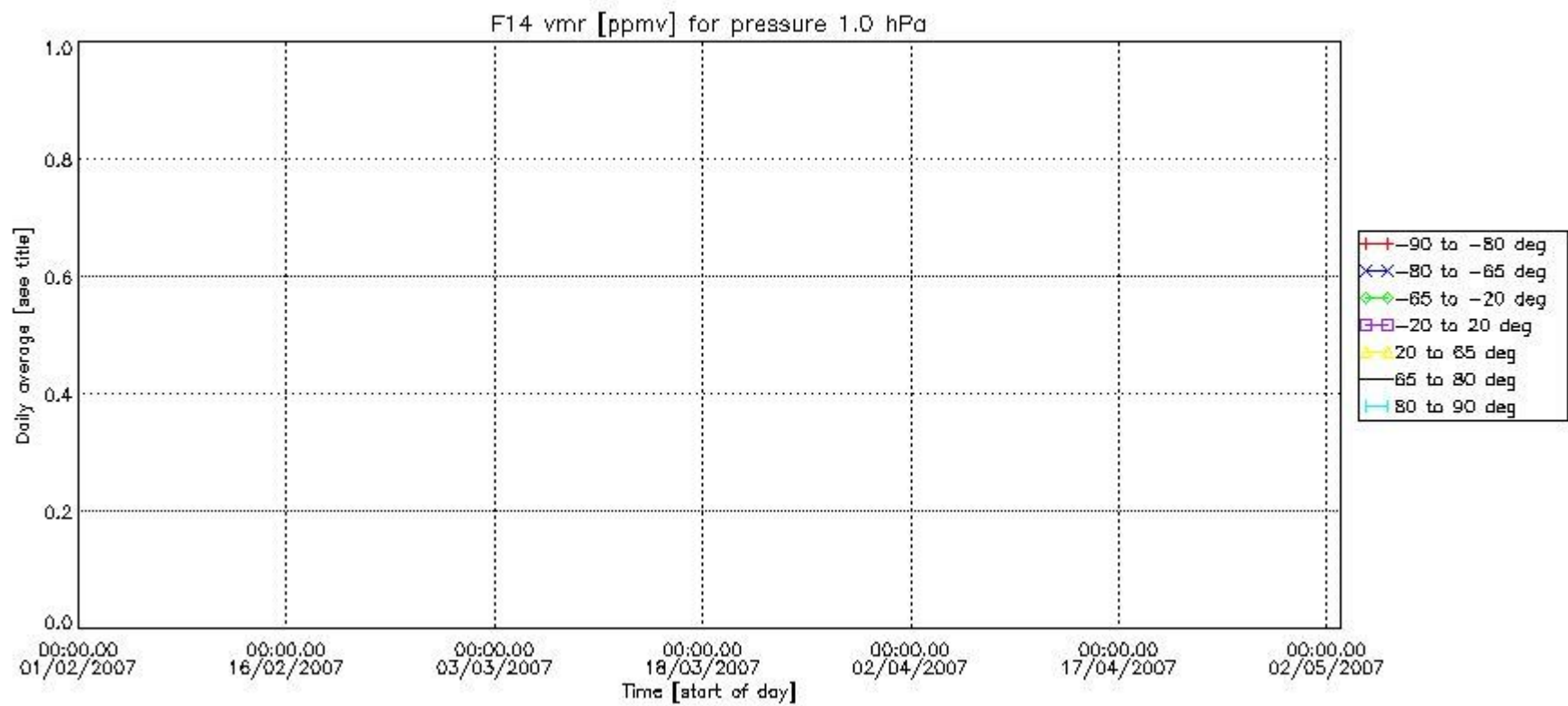
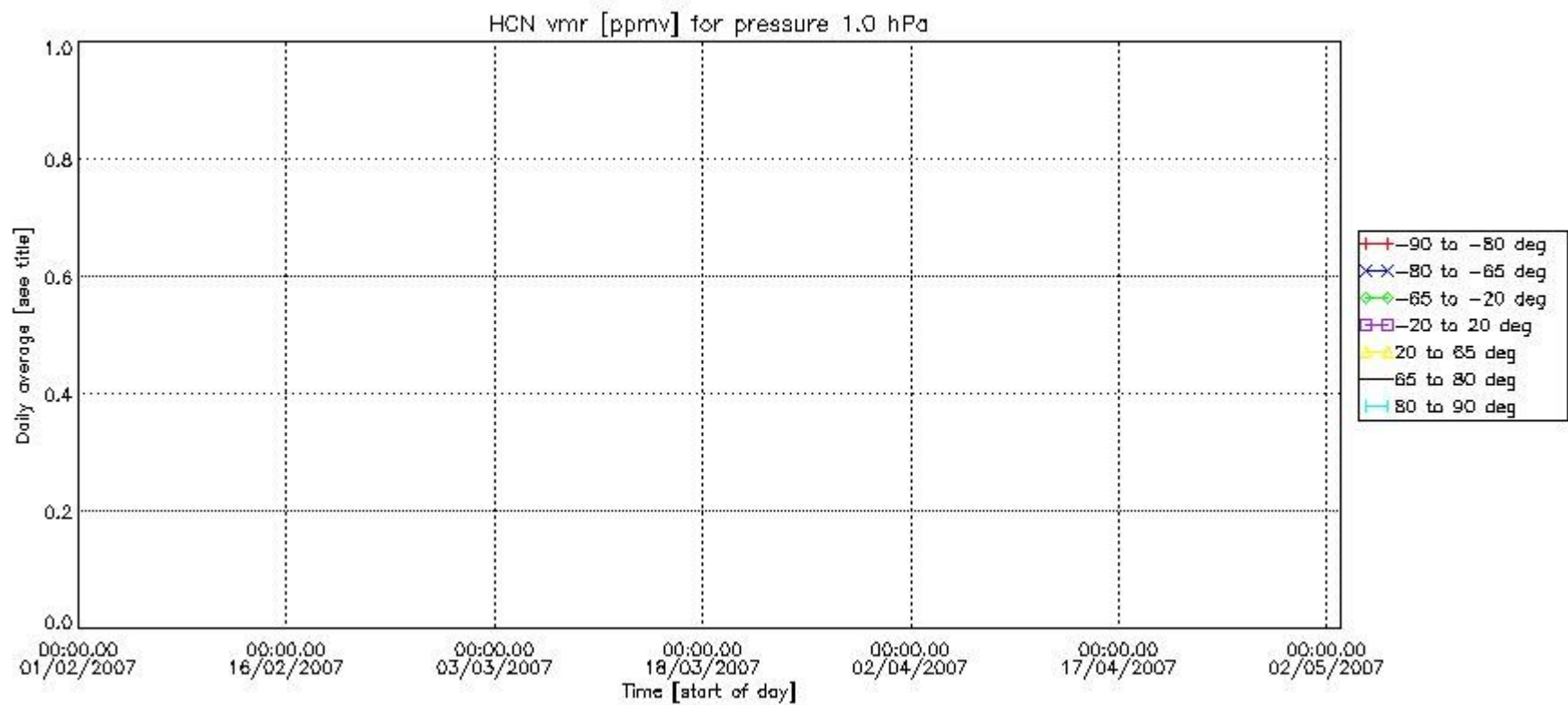


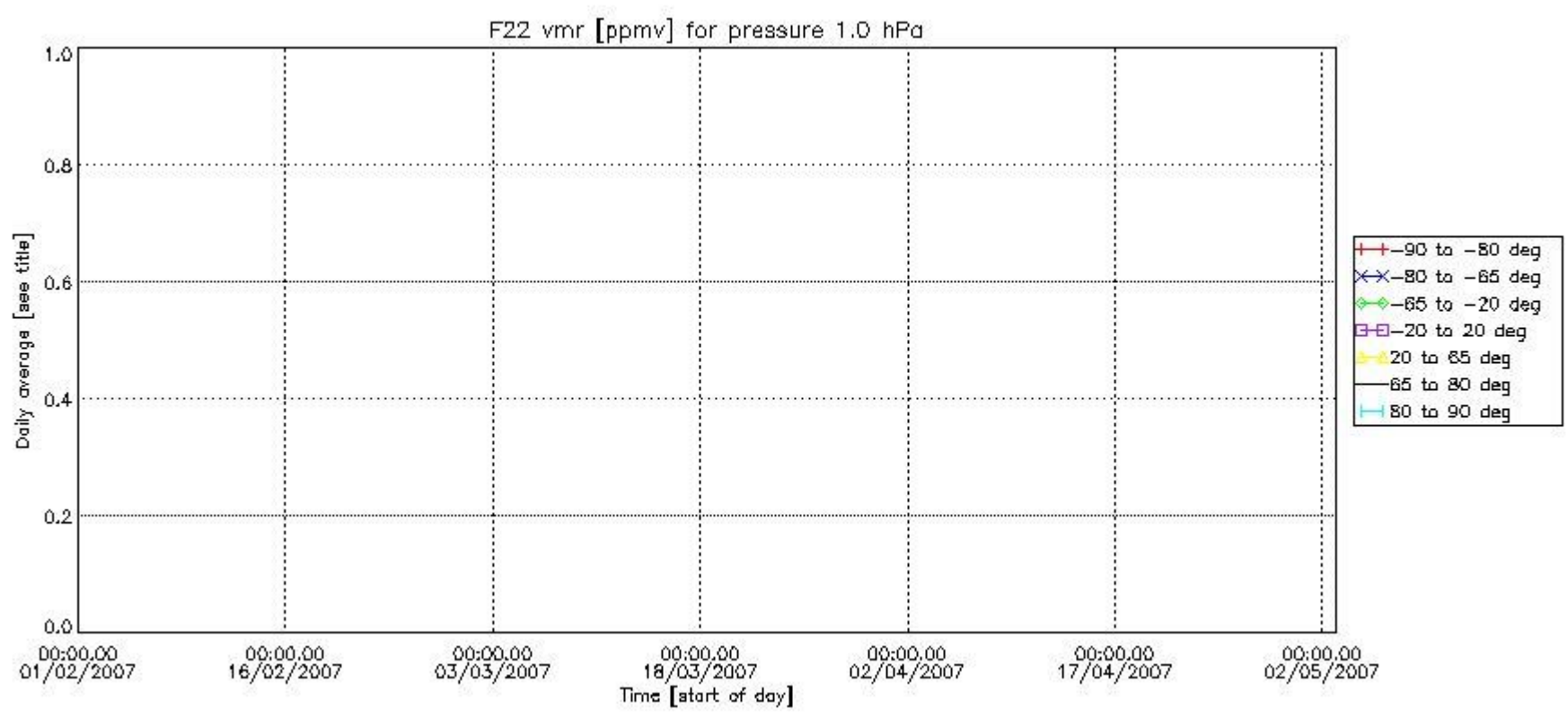












Number of successful retrievals vs. geolocation (*=day side , triangle=night side).

