

2. MIPAS Daily Report for level 2 products summary report

(See [mipas_daily_report_level2_ML2PP_7_03_W_20050123.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 08:27:39
Data source version	ML2PP/7.03-W
Processing scope for products	23JAN2005 00:00:00 to 24JAN2005 00:00:00
Start time of first product within scope	23JAN2005 10:46:41
Stop time of last product within scope	24JAN2005 01:32:43
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__2PWDSI20050123_104641_000001482034_00080_15164_1000.N1	23JAN2005 10:46:41	23JAN2005 10:49:10	0	2/2	
1	MIP_NL__2PWDSI20050123_120744_000060402034_00081_15165_1000.N1	23JAN2005 12:07:44	23JAN2005 13:48:24	0	215/215	
2	MIP_NL__2PWDSI20050123_134900_000059962034_00082_15166_1000.N1	23JAN2005 13:49:00	23JAN2005 15:28:55	0	182/182	
3	MIP_NL__2PWDSI20050123_152901_000060402034_00083_15167_1000.N1	23JAN2005 15:29:01	23JAN2005 17:09:41	0	215/215	
4	MIP_NL__2PWDSI20050123_170948_000060132034_00084_15168_1000.N1	23JAN2005 17:09:48	23JAN2005 18:50:00	0	214/214	
5	MIP_NL__2PWDSI20050123_185007_000060422034_00085_15169_1000.N1	23JAN2005 18:50:07	23JAN2005 20:30:49	0	214/214	
6	MIP_NL__2PWDSI20050123_203055_000060132034_00086_15170_1000.N1	23JAN2005 20:30:55	23JAN2005 22:11:08	0	214/214	
7	MIP_NL__2PWDSI20050123_221114_000060422034_00087_15171_1000.N1	23JAN2005 22:11:14	23JAN2005 23:51:56	0	214/214	
8	MIP_NL__2PWDSI20050123_235203_000060402034_00088_15172_1000.N1	23JAN2005 23:52:03	24JAN2005 01:32:43	0	215/215	

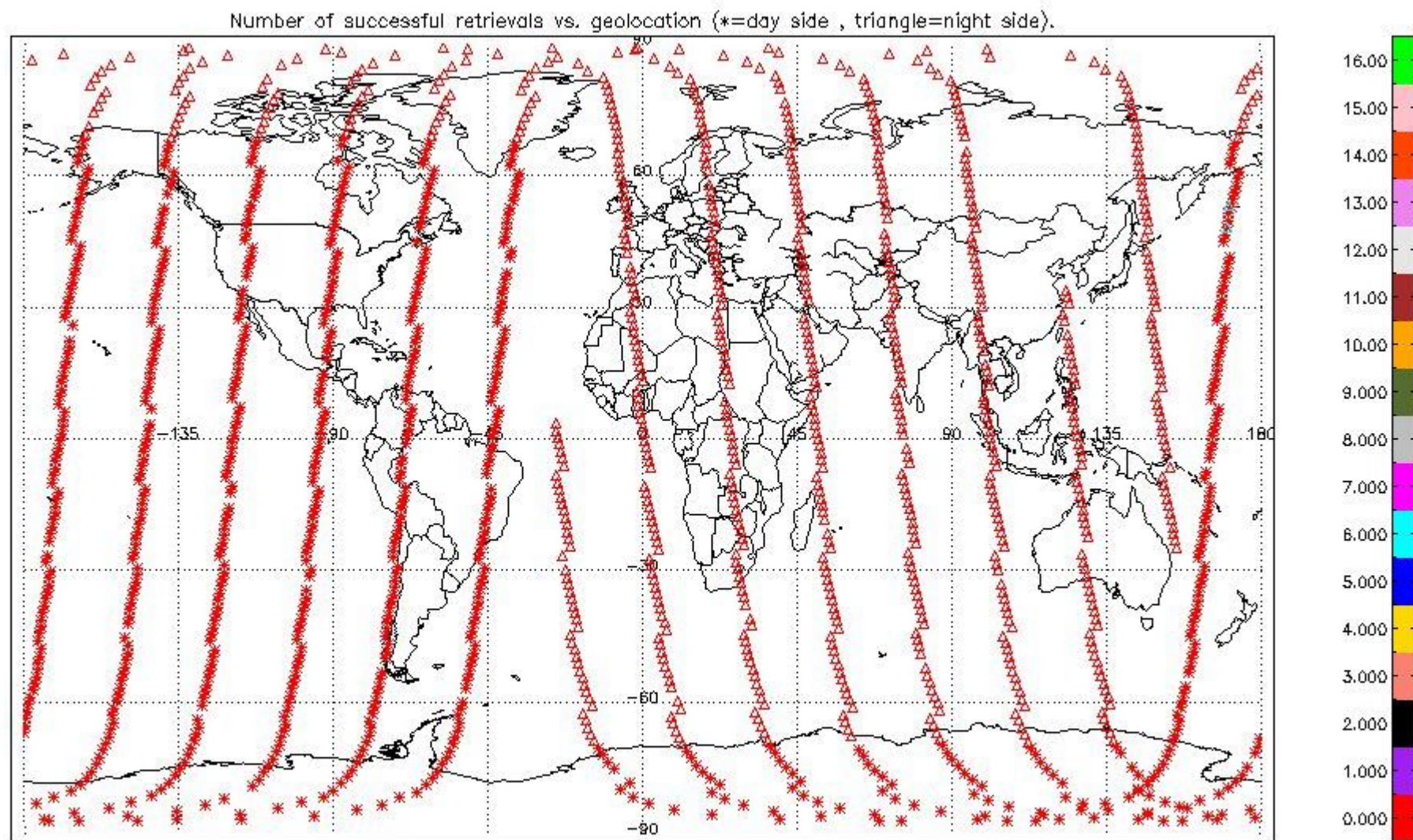
2.2 Processing performance indicators

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.

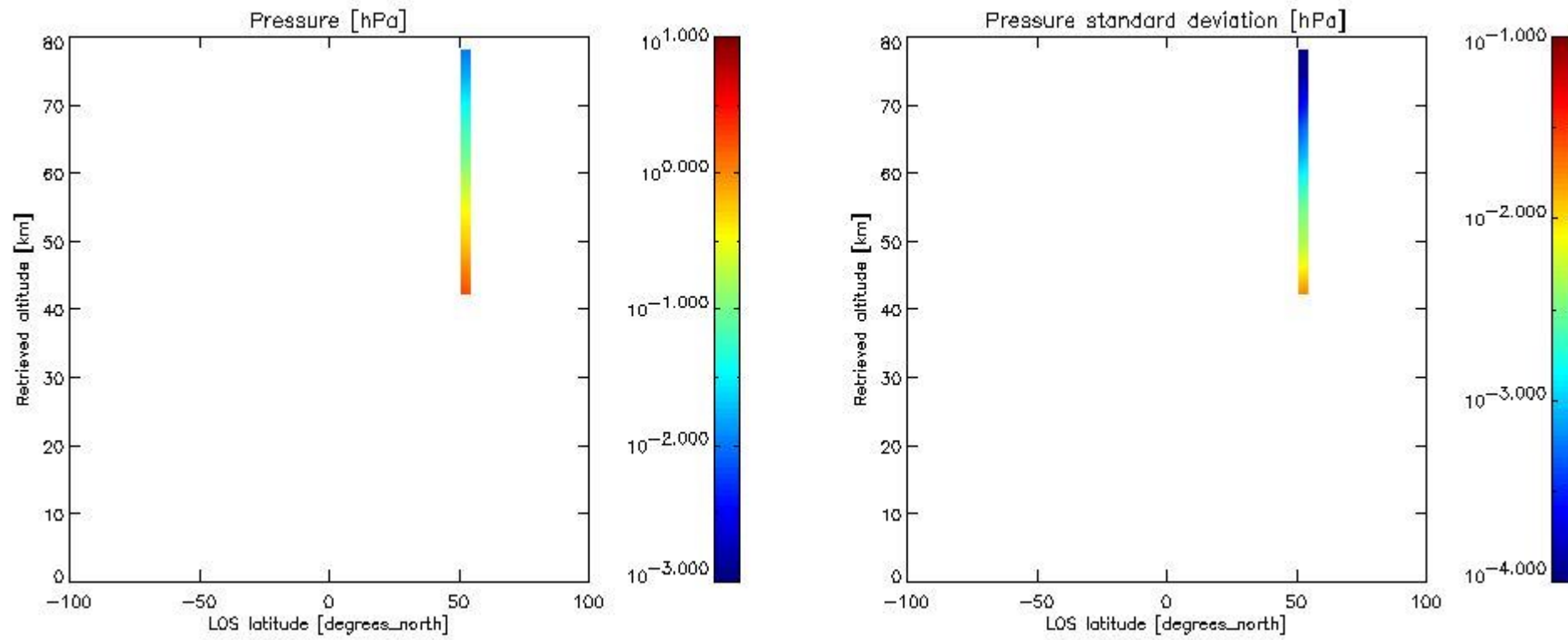
RETRIEVAL MDS	# scans processed	# Successful retrievals	%
PT	1685	2	0.11869

H2O	1685	2	0.11869
O3	1685	2	0.11869
HNO3	1685	0	0.0000
CH4	1685	2	0.11869
N2O	1685	2	0.11869
NO2	1685	2	0.11869
F11	1685	0	0.0000
CLNO	1685	0	0.0000
N2O5	1685	0	0.0000
F12	1685	0	0.0000
COF2	1685	0	0.0000
CCL4	1685	0	0.0000
HCN	1685	0	0.0000
F14	1685	0	0.0000
F22	1685	0	0.0000



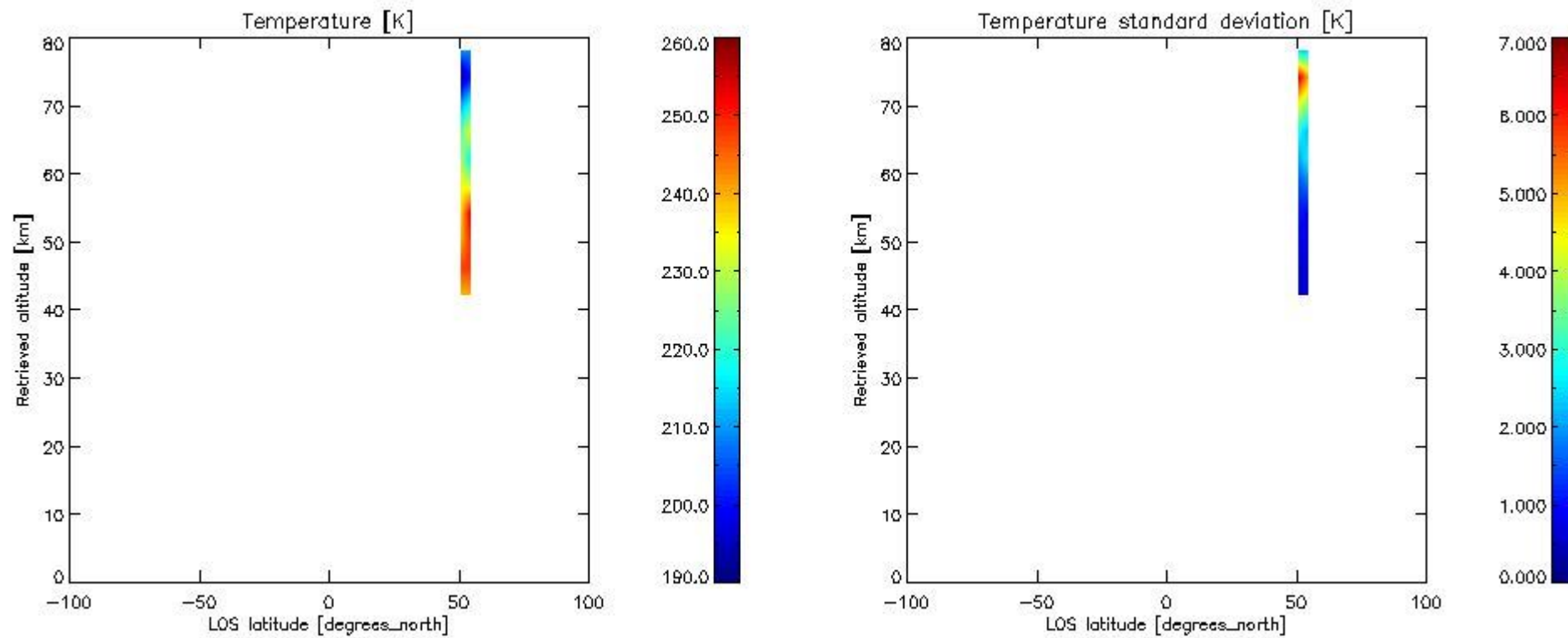
2.2.2 Pressure overview

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



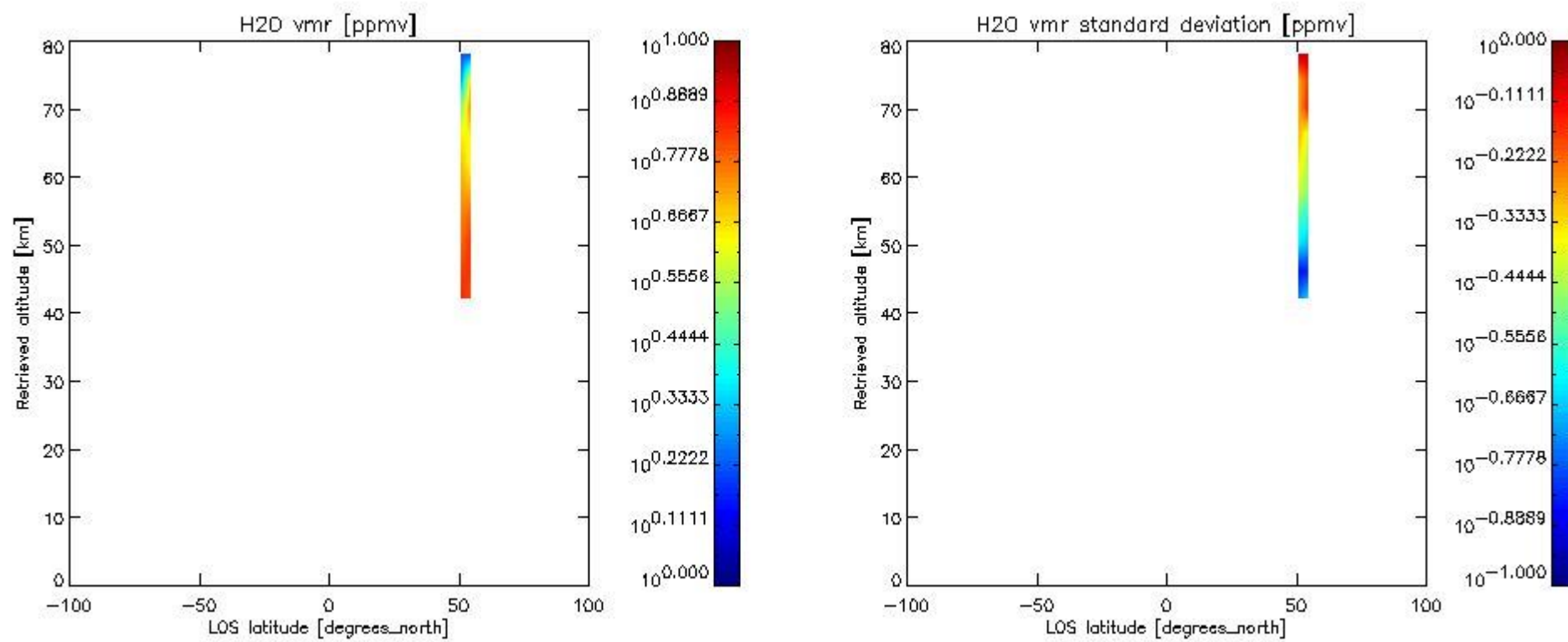
2.2.3 Temperature overview

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

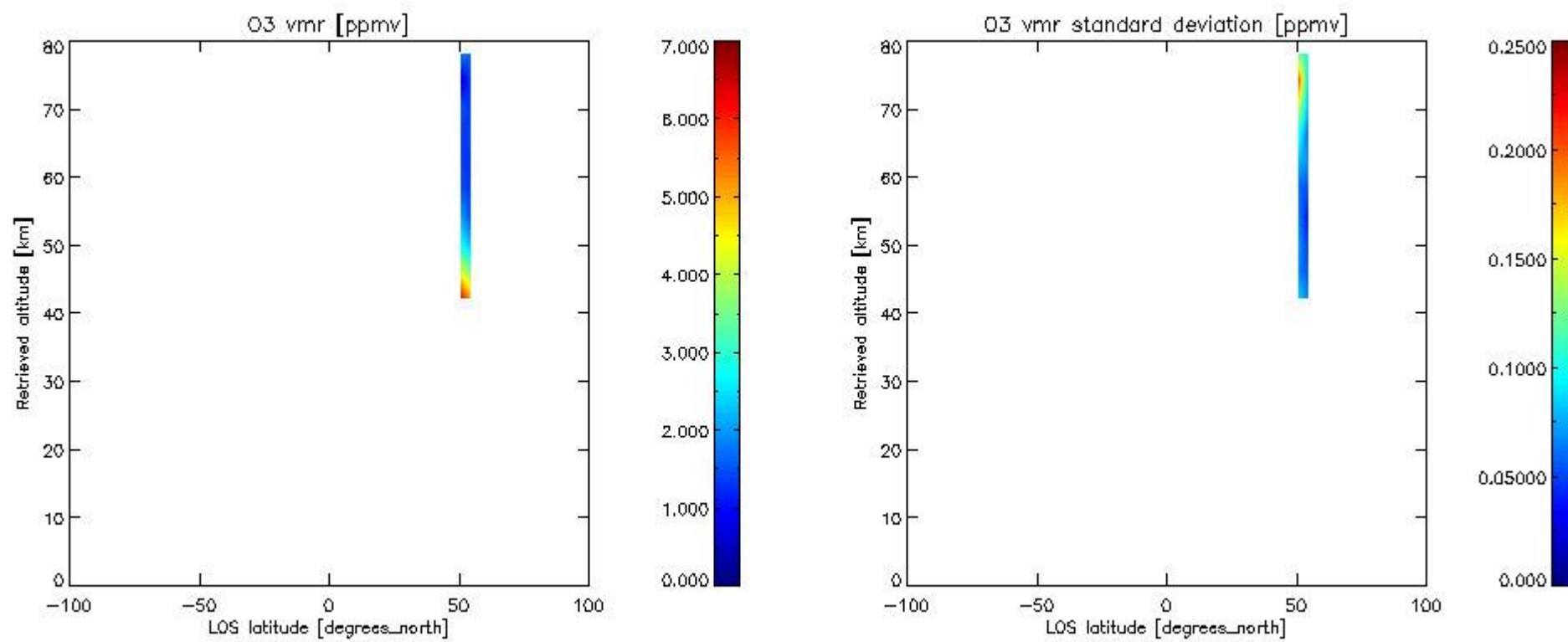


2.2.4 Species overview

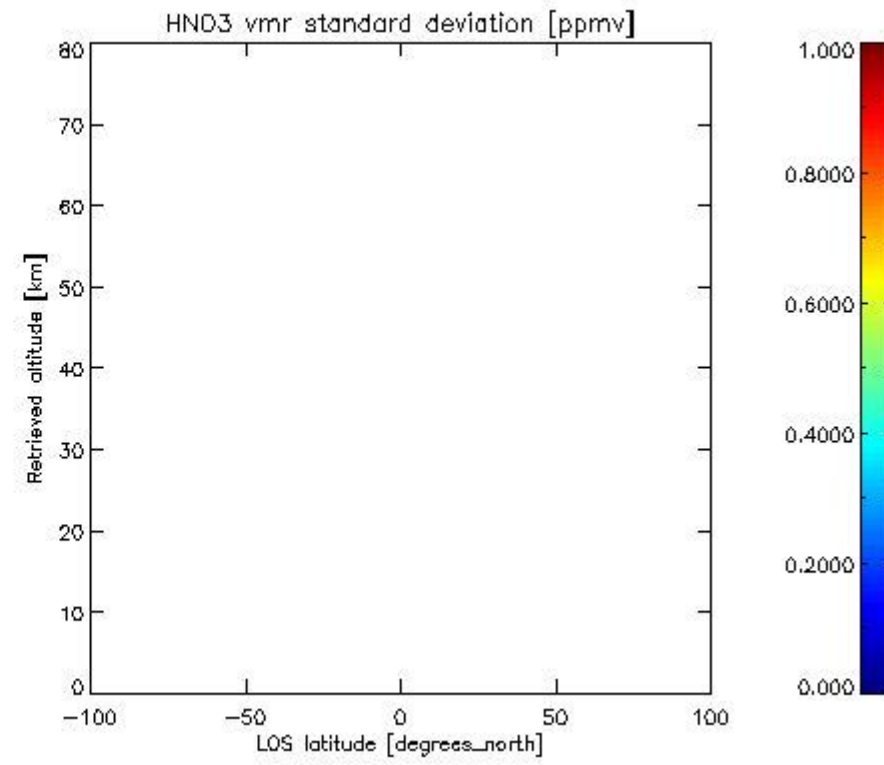
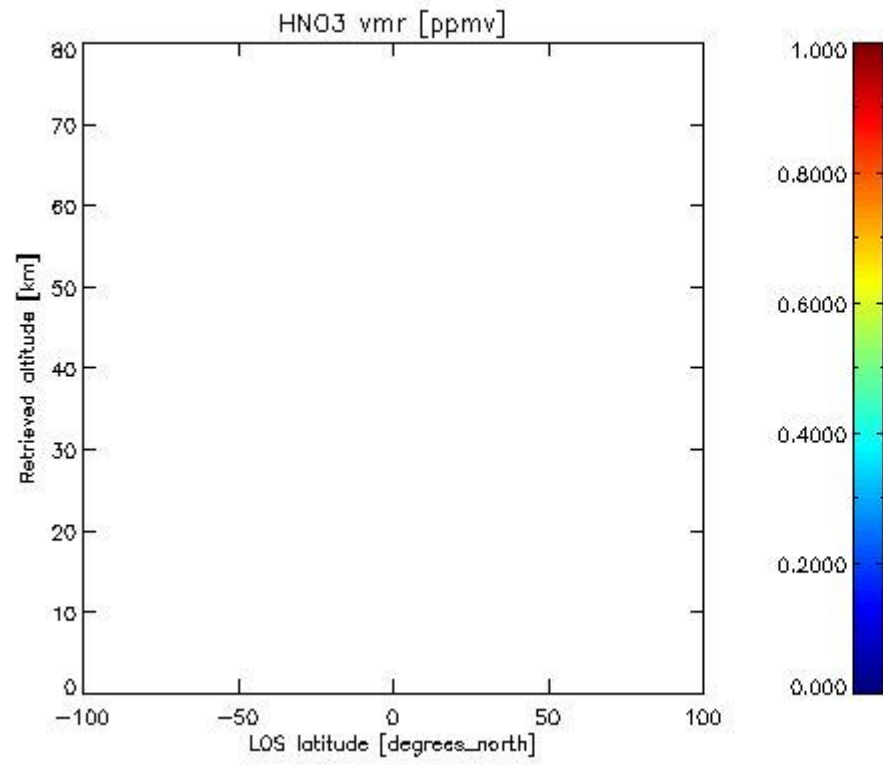
2.2.4.1 H₂O overview This section shows values (left) and error (right) for H₂O after binning individual sweep values over retrieved altitude and tangent latitude.



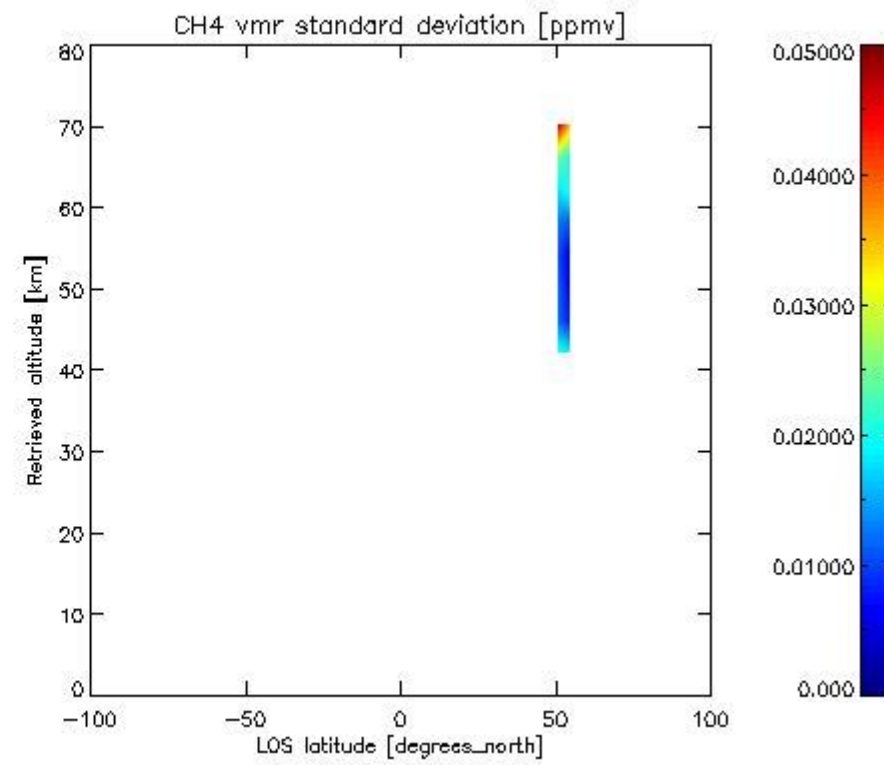
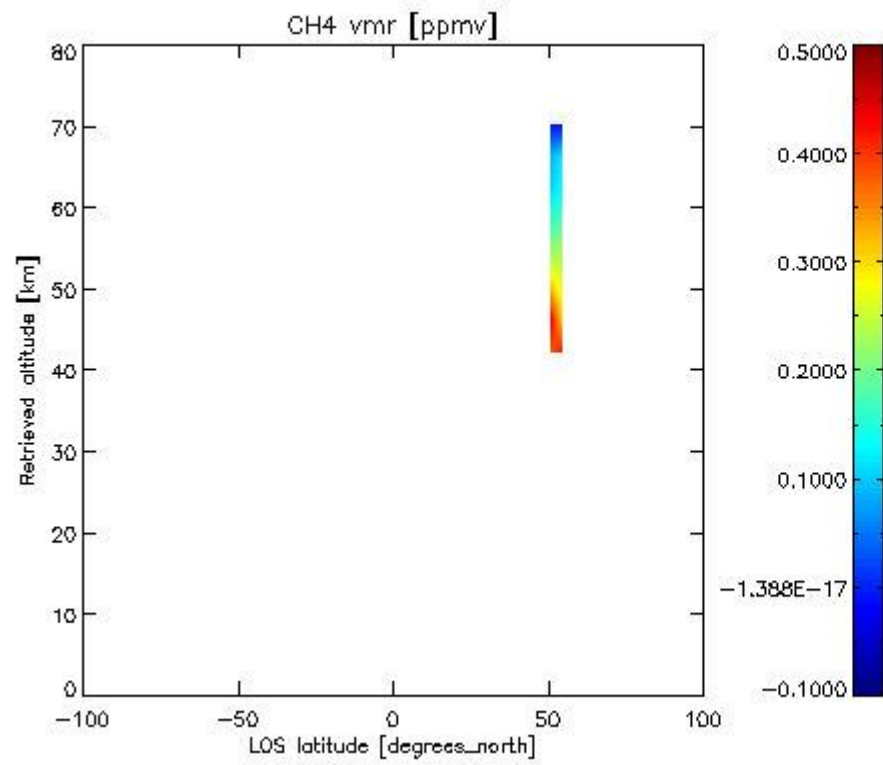
2.2.4.2 O3 overview This section shows values (left) and error (right) for O3 after binning individual sweep values over retrieved altitude and tangent latitude.



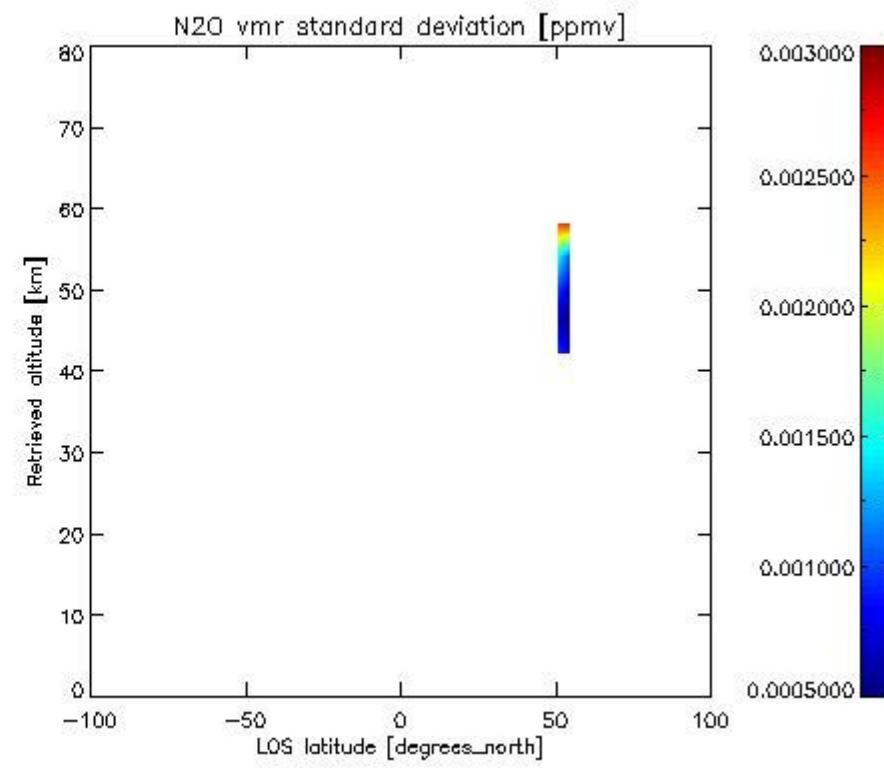
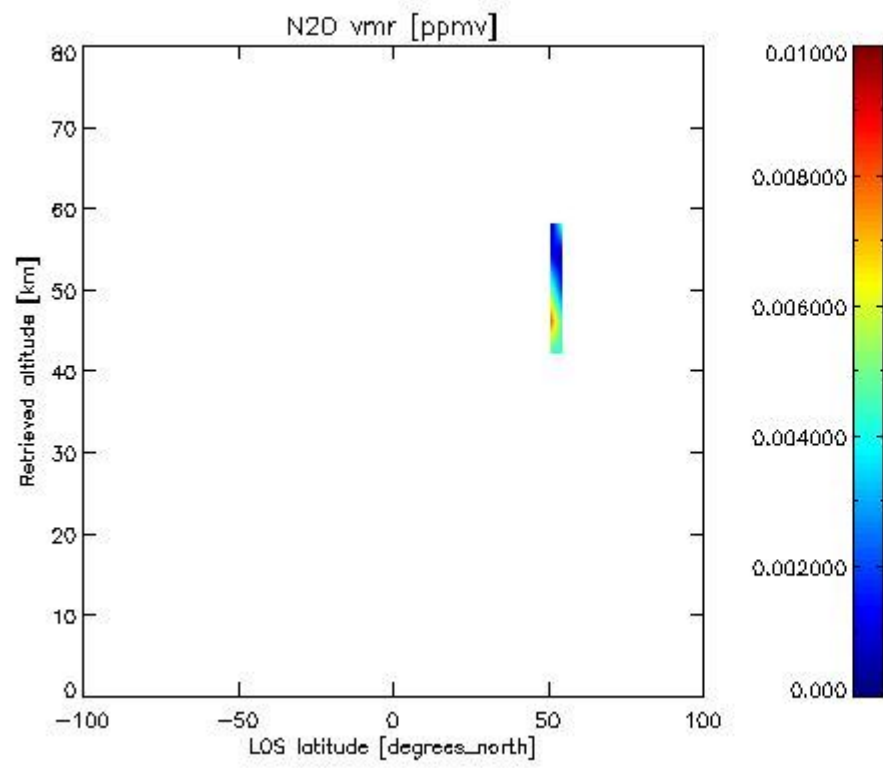
2.2.4.3 HNO3 overview This section shows values (left) and error (right) for HNO3 after binning individual sweep values over retrieved altitude and tangent latitude.



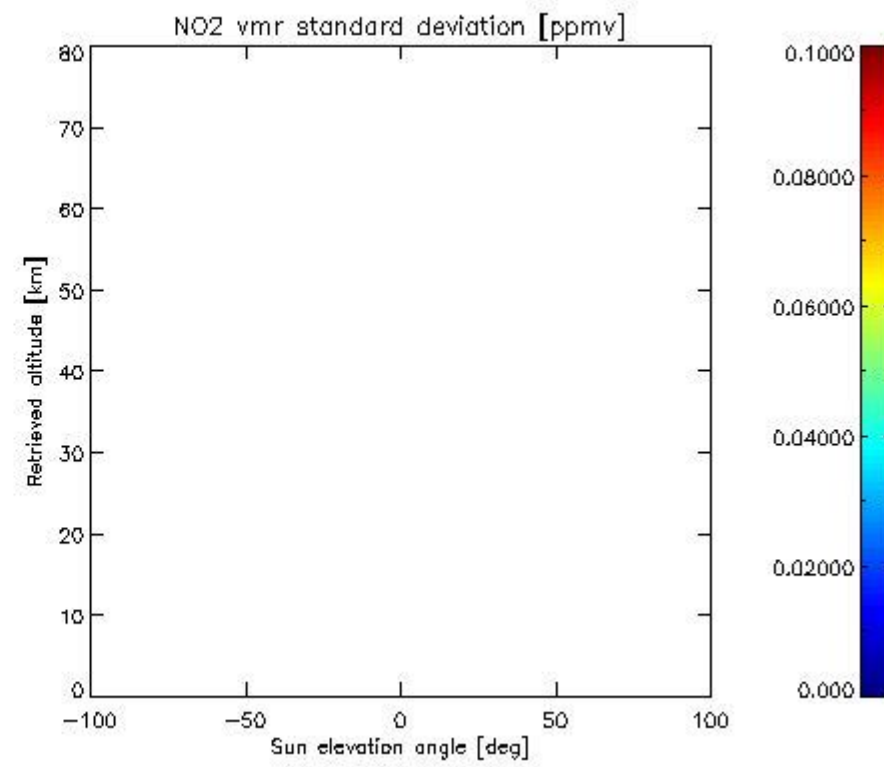
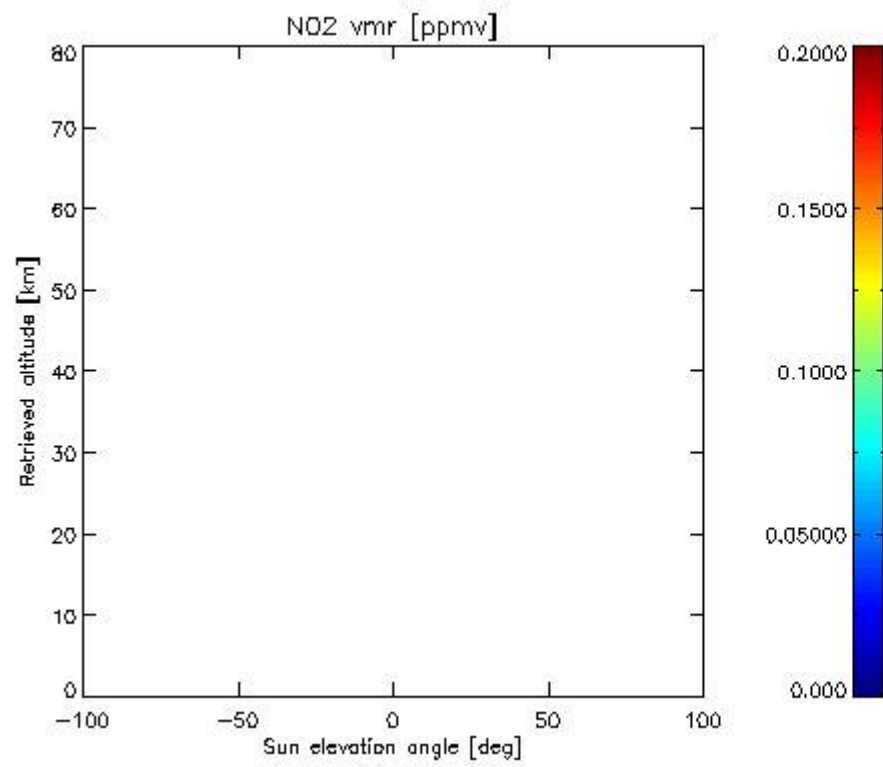
2.2.4.4 CH₄ overview This section shows values (left) and error (right) for CH₄ after binning individual sweep values over retrieved altitude and tangent latitude.



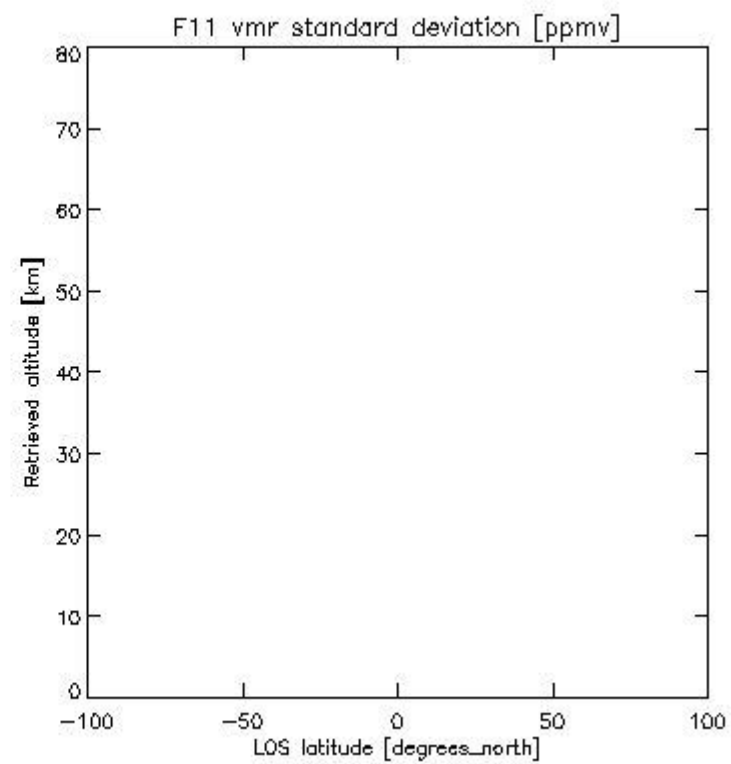
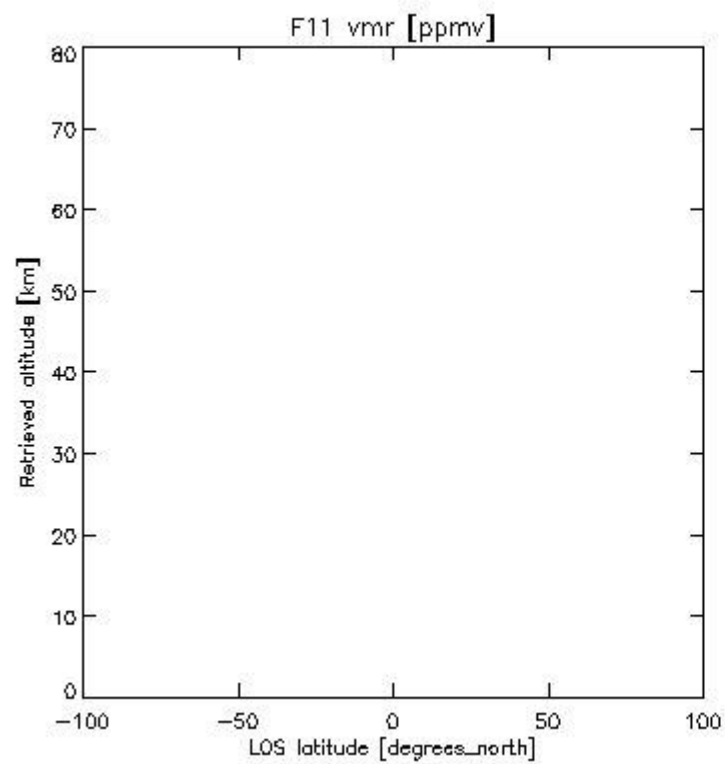
2.2.4.5 N₂O overview This section shows values (left) and error (right) for N₂O after binning individual sweep values over retrieved altitude and tangent latitude.



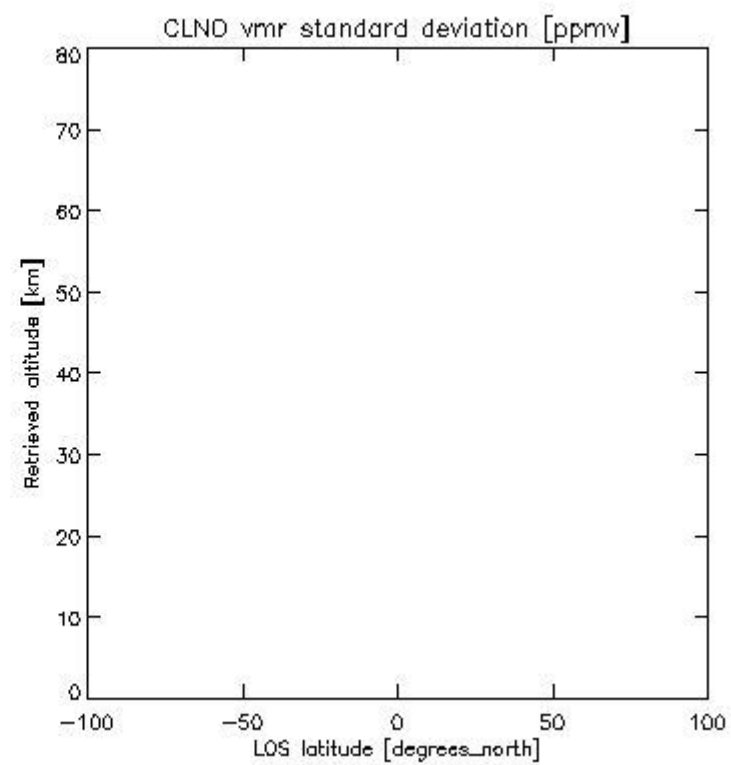
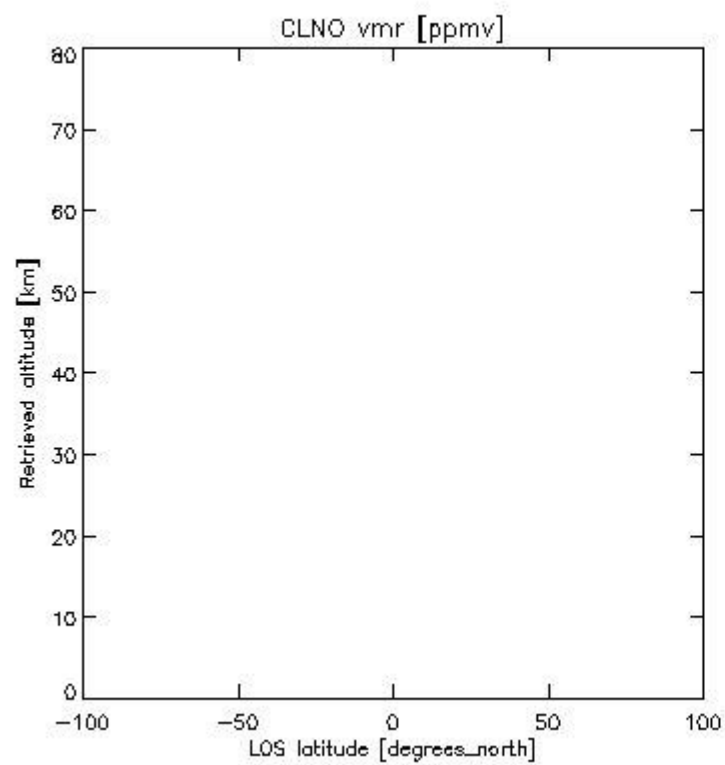
2.2.4.6 NO₂ overview This section shows values (left) and error (right) for NO₂ after binning individual sweep values over retrieved altitude and Sun Elevation Angle. Note that for NO₂ the bin heights are 6 km.

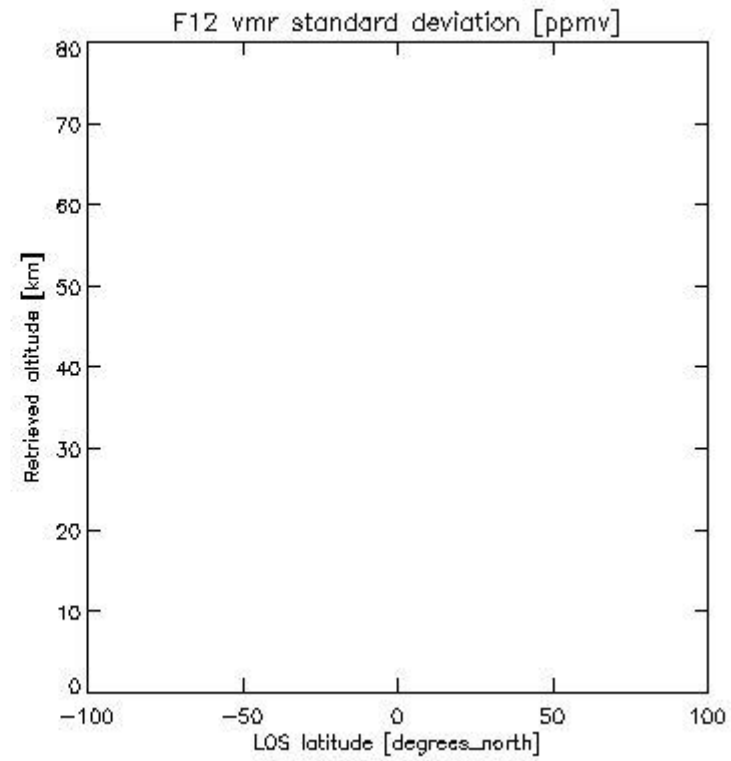
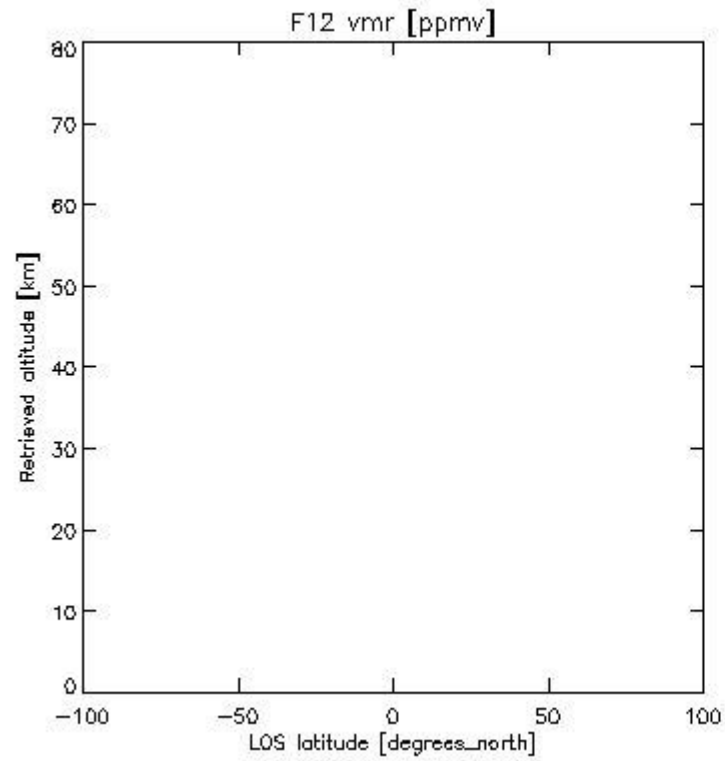
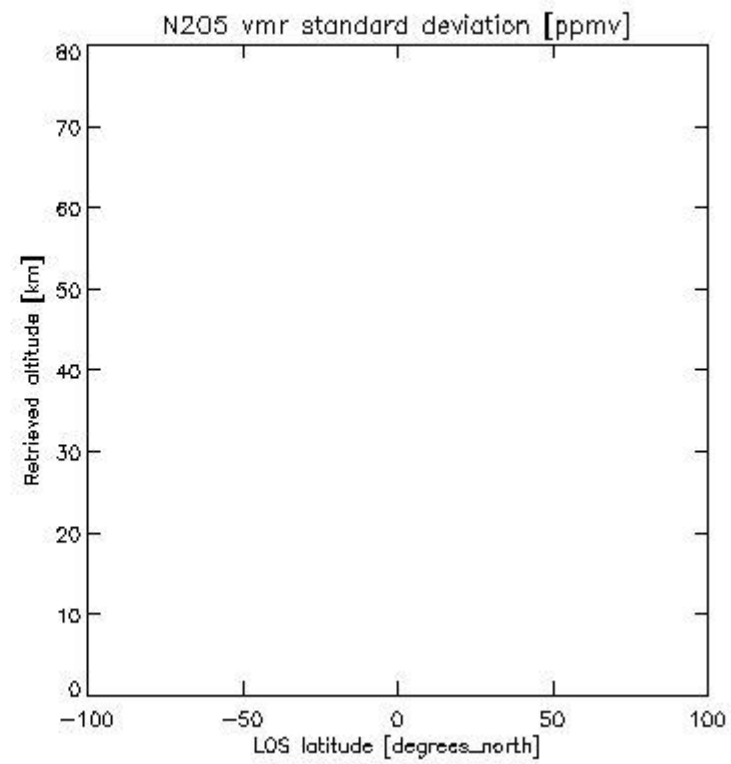
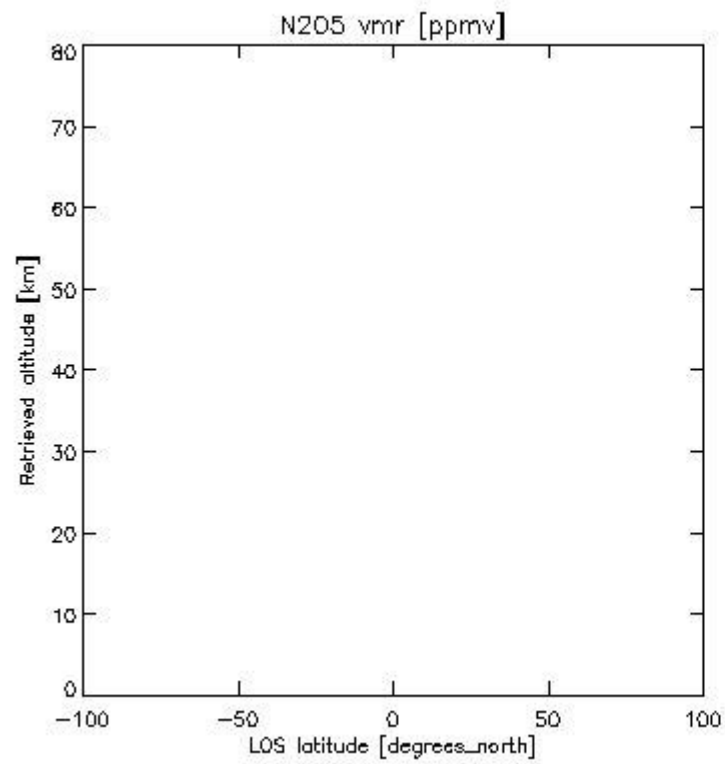


2.2.4.7 F11 overview This section shows values (left) and error (right) for F11 after binning individual sweep values over retrieved altitude and tangent latitude.

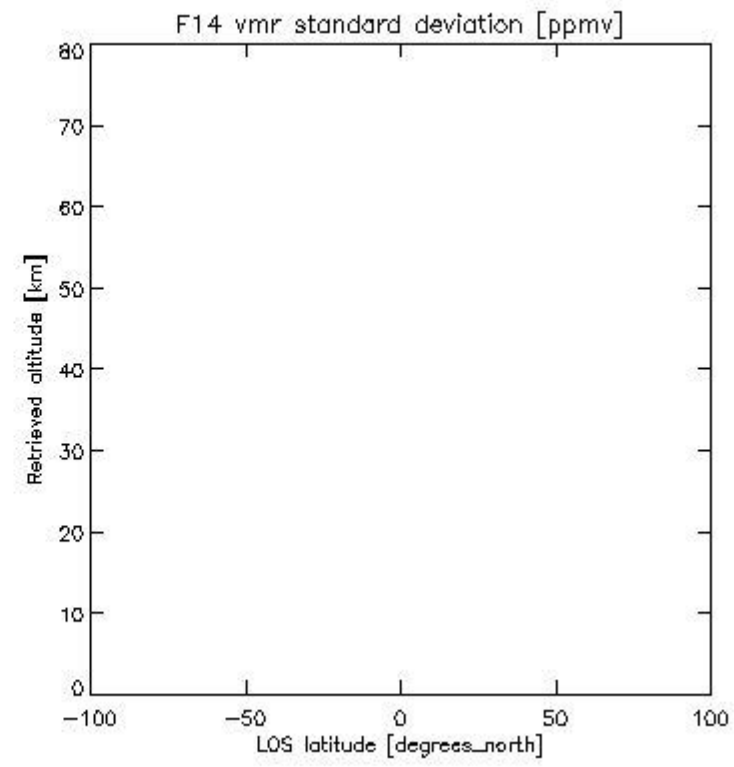
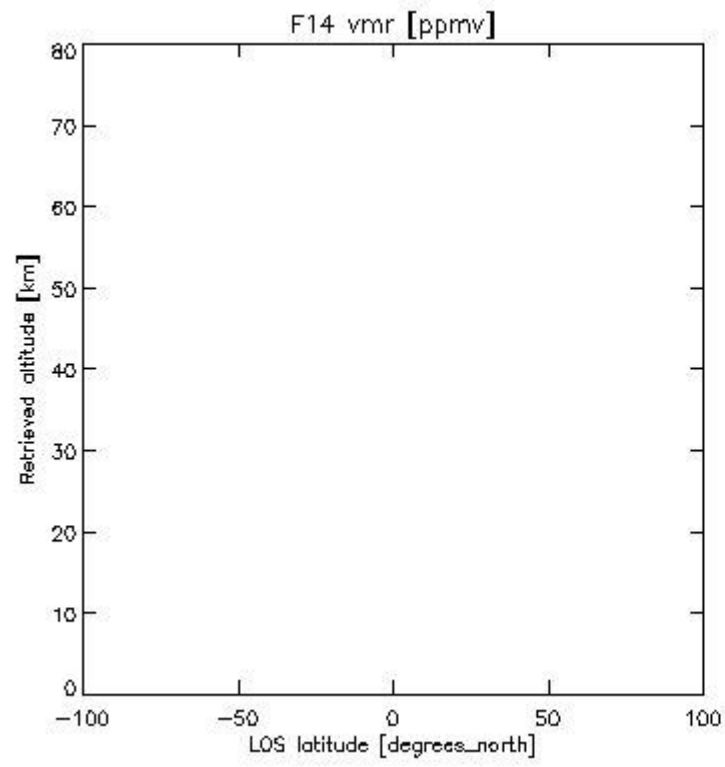
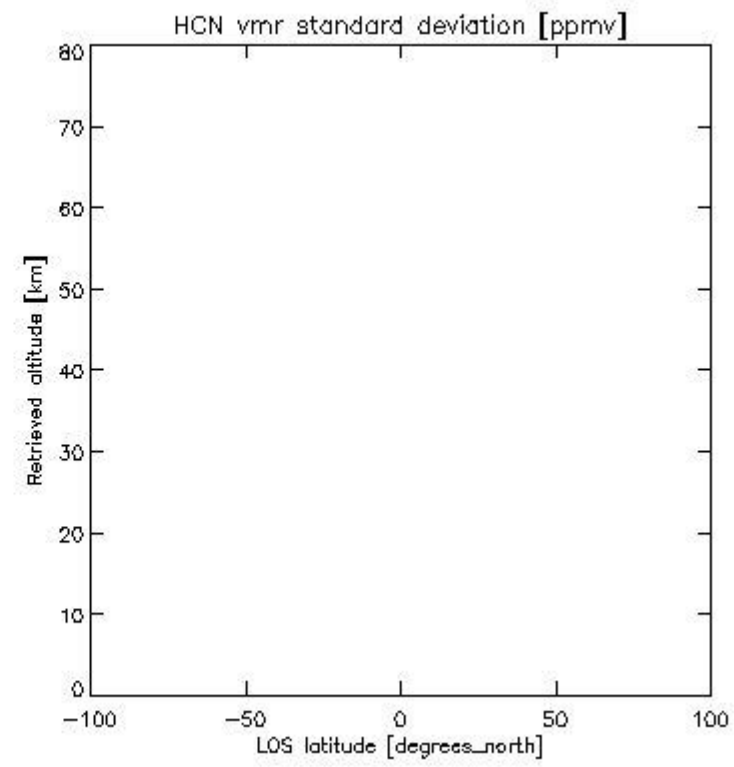
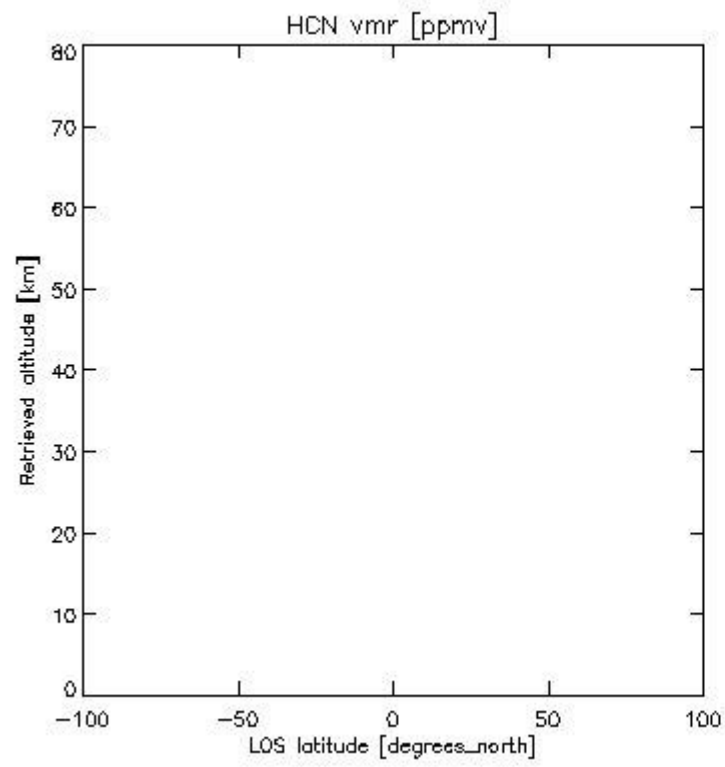


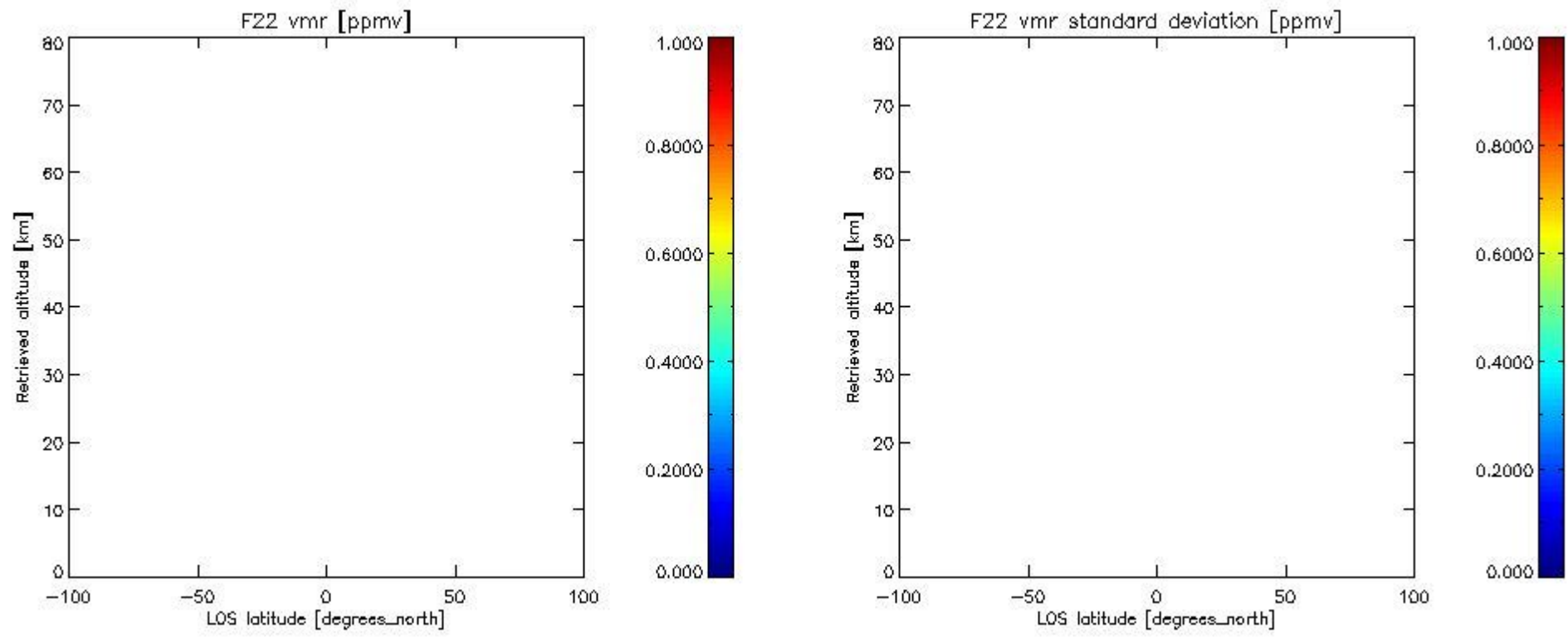
2.3.4 CLNO overview This section shows values (left) and error (right) for CLNO after binning individual sweep values over retrieved altitude and target latitude.

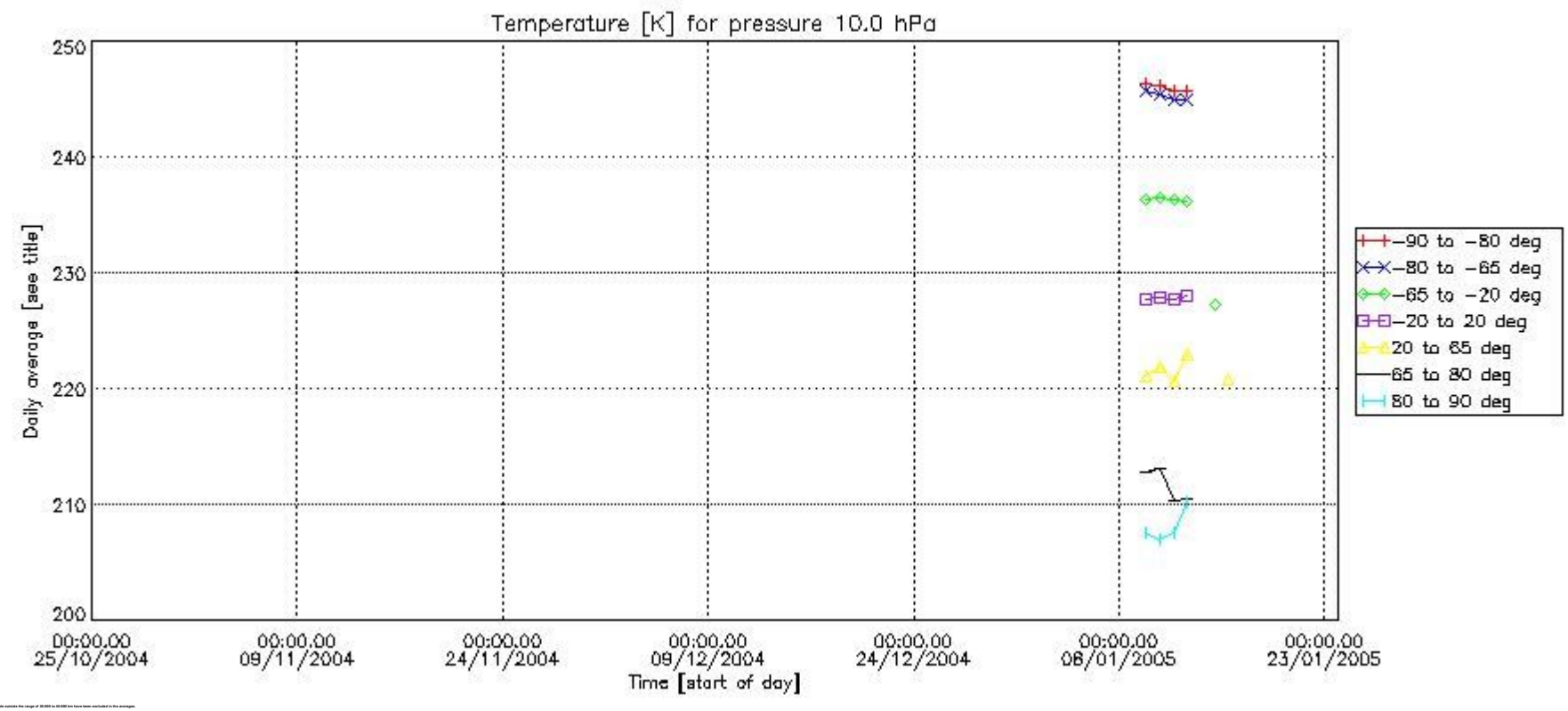


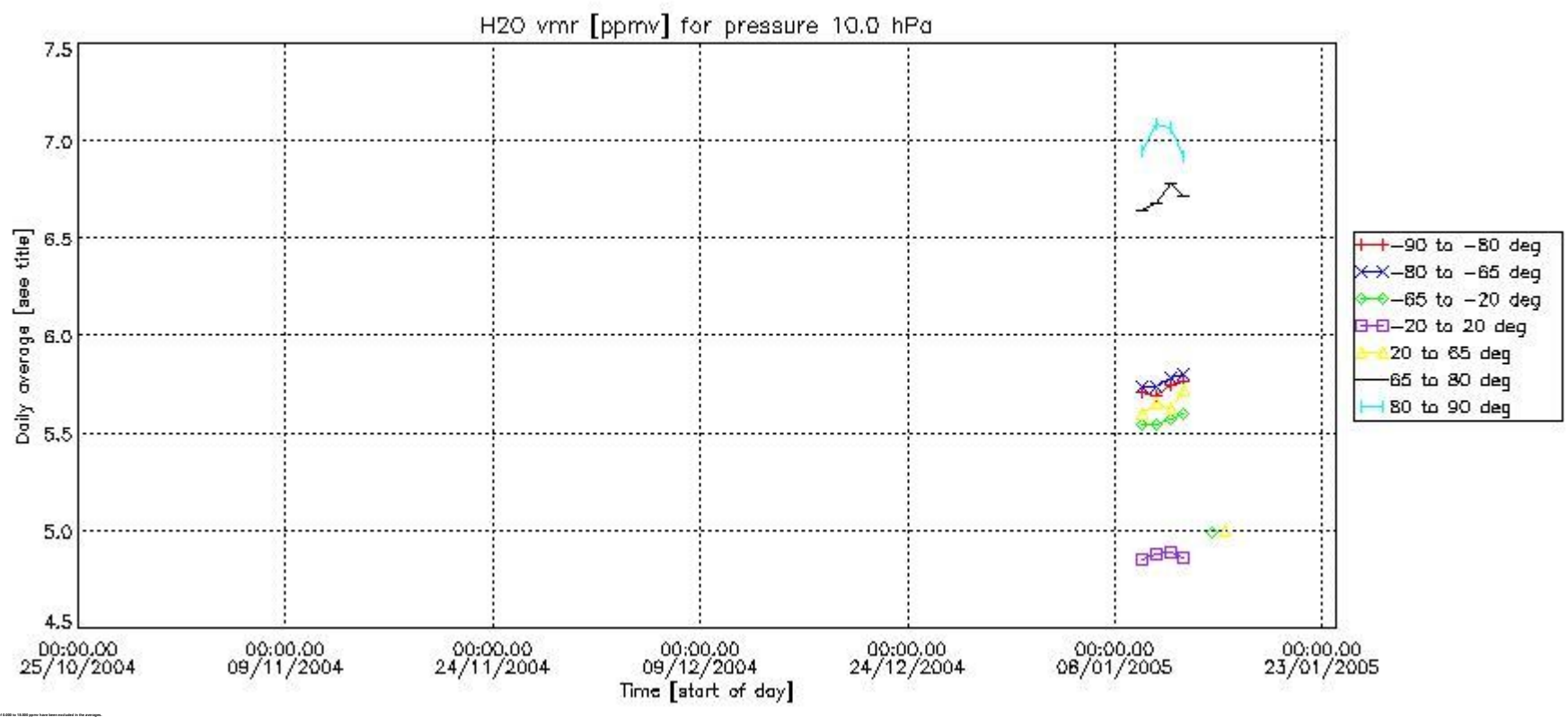
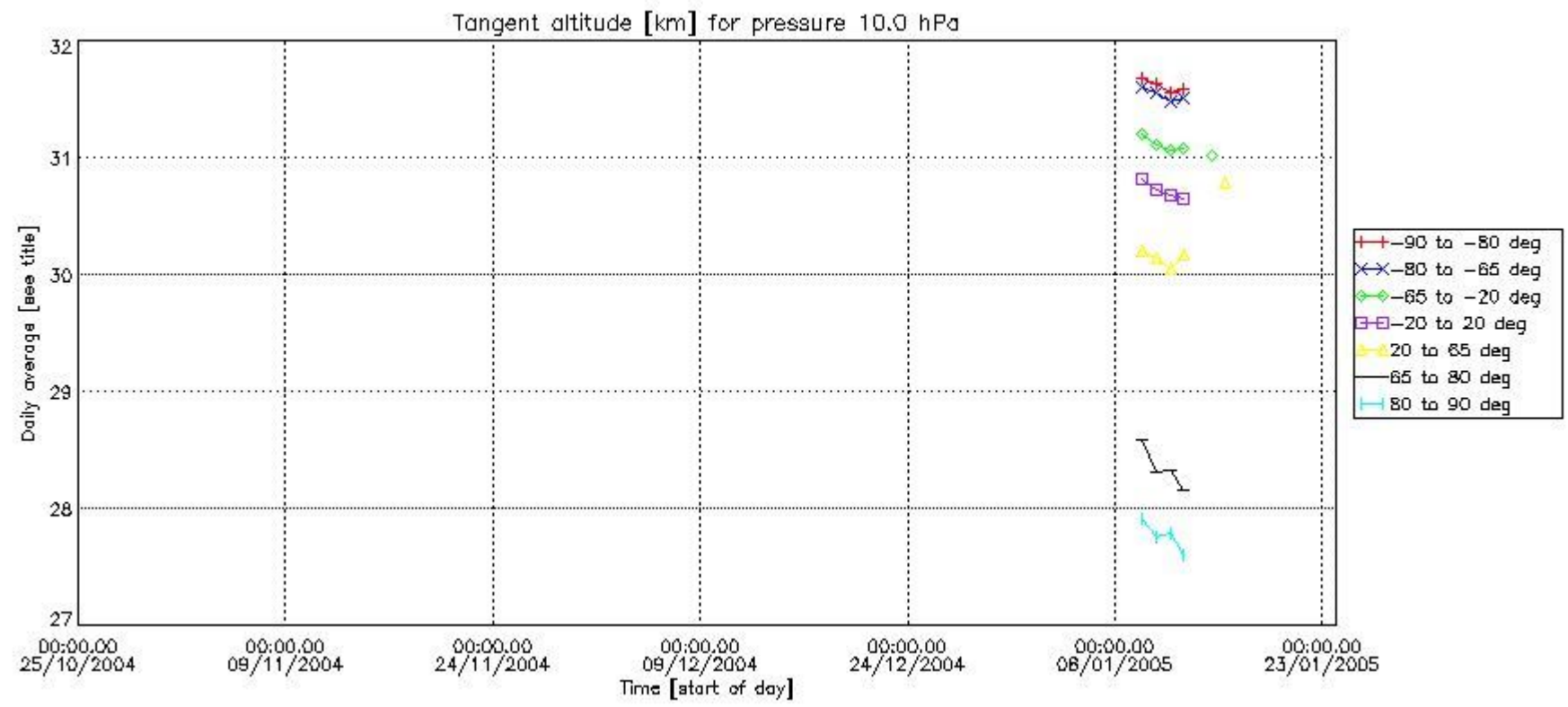


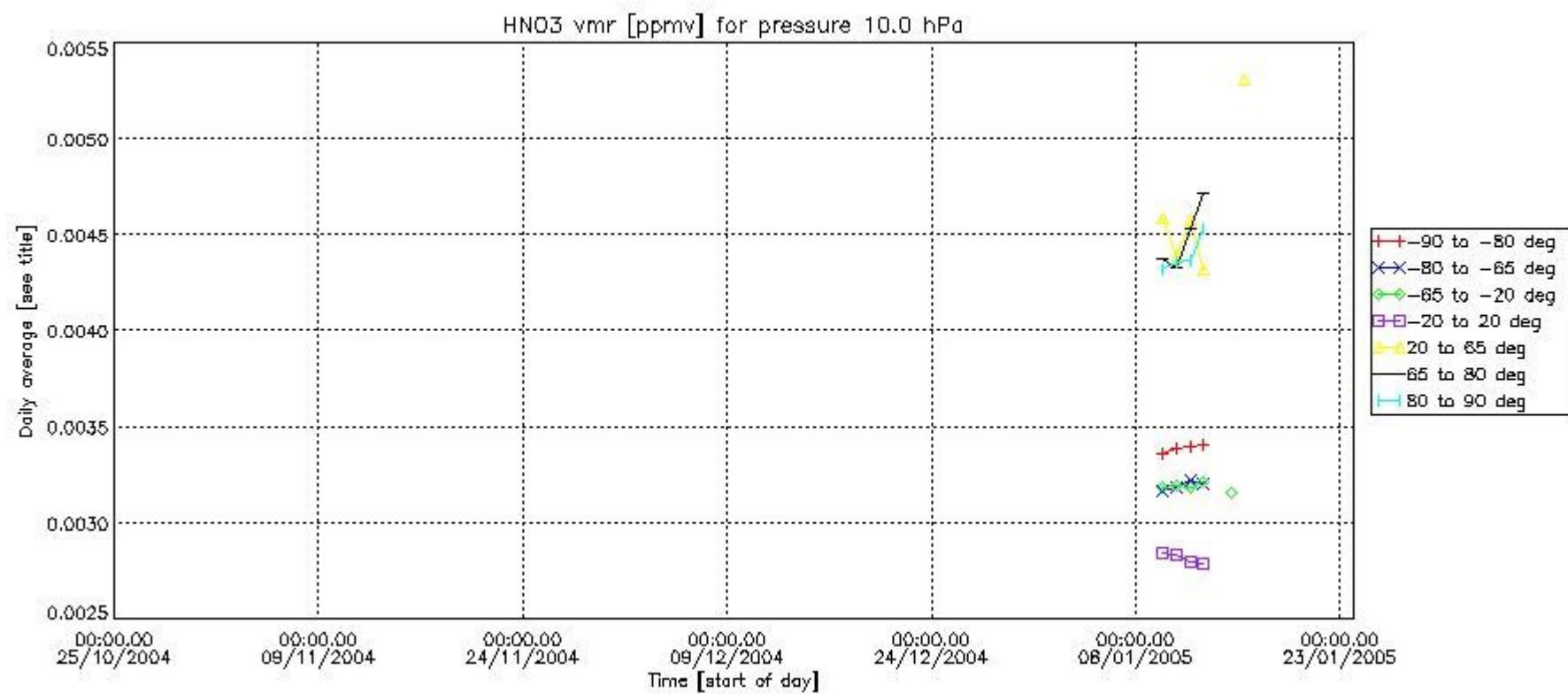
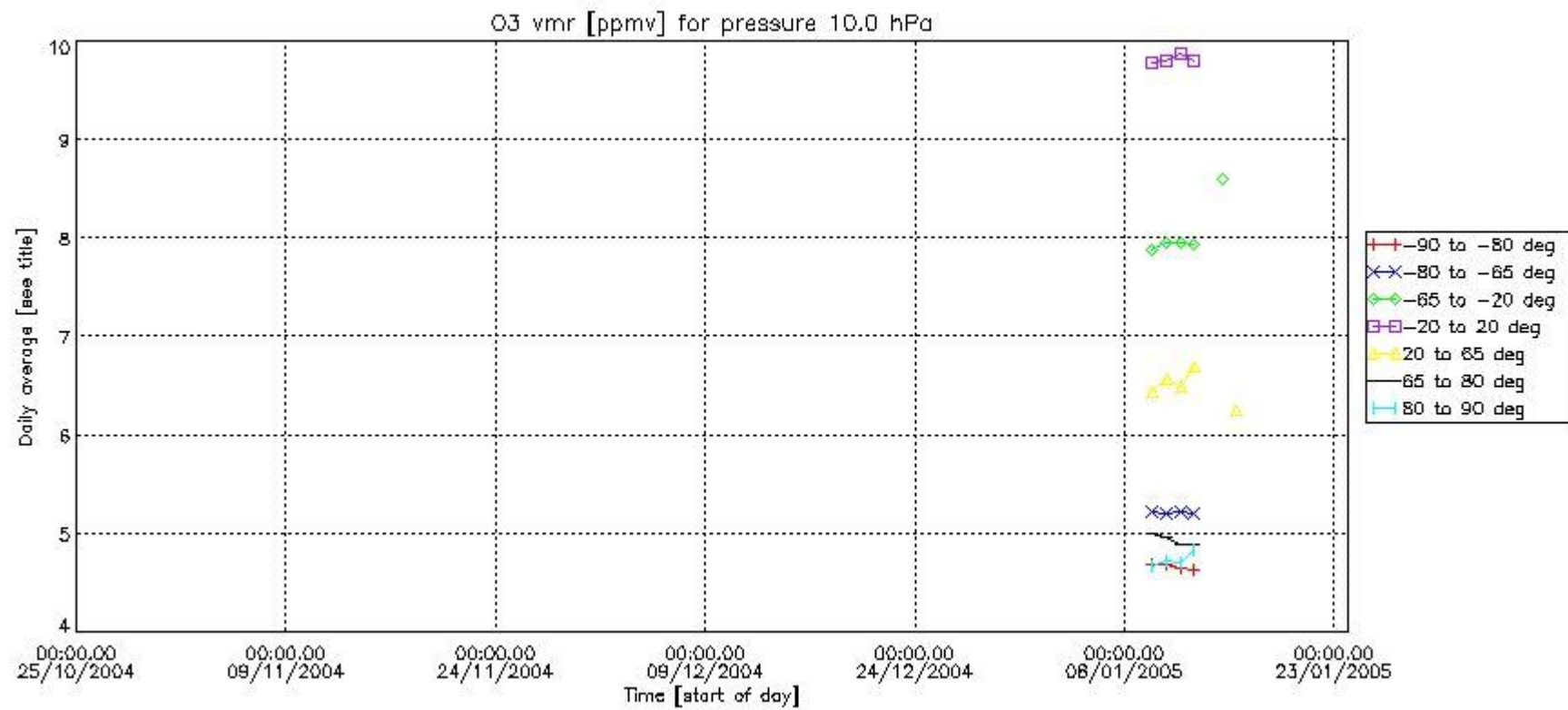


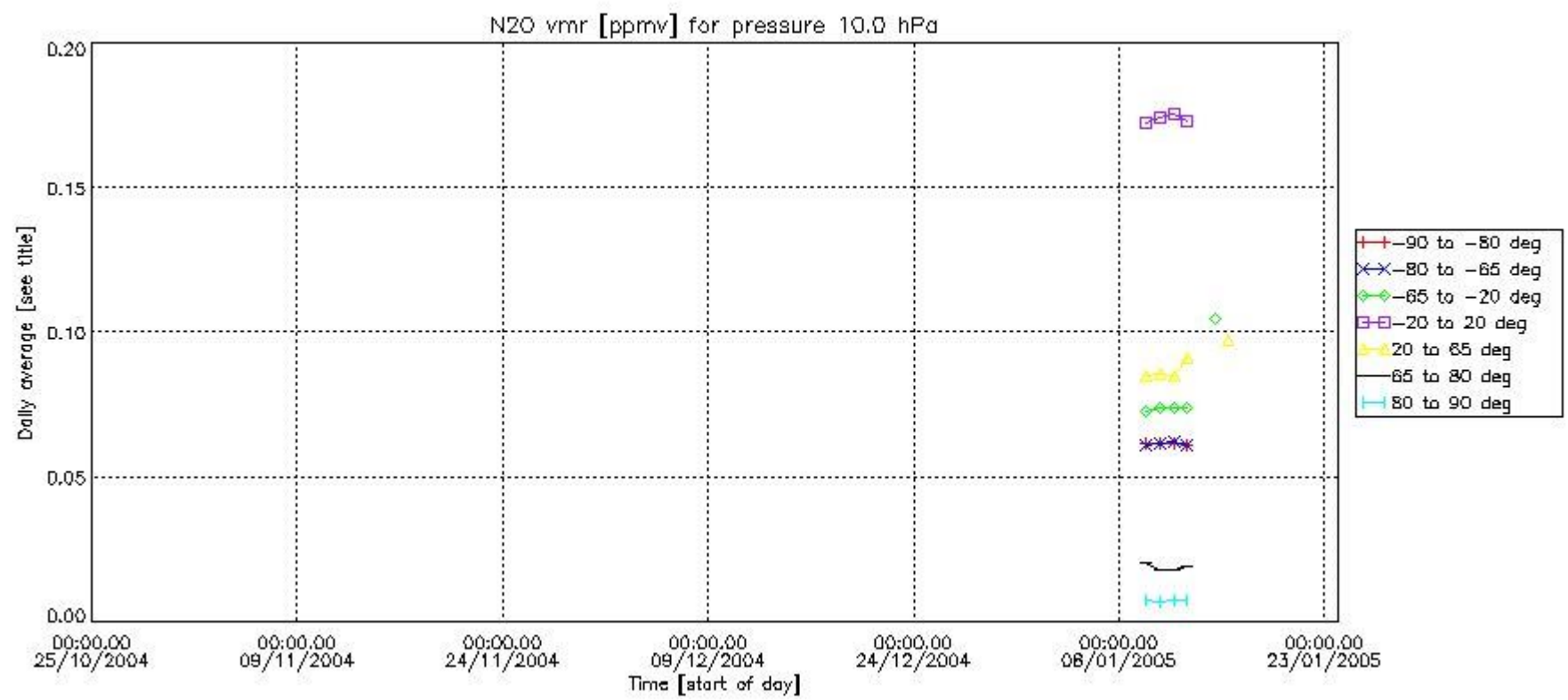
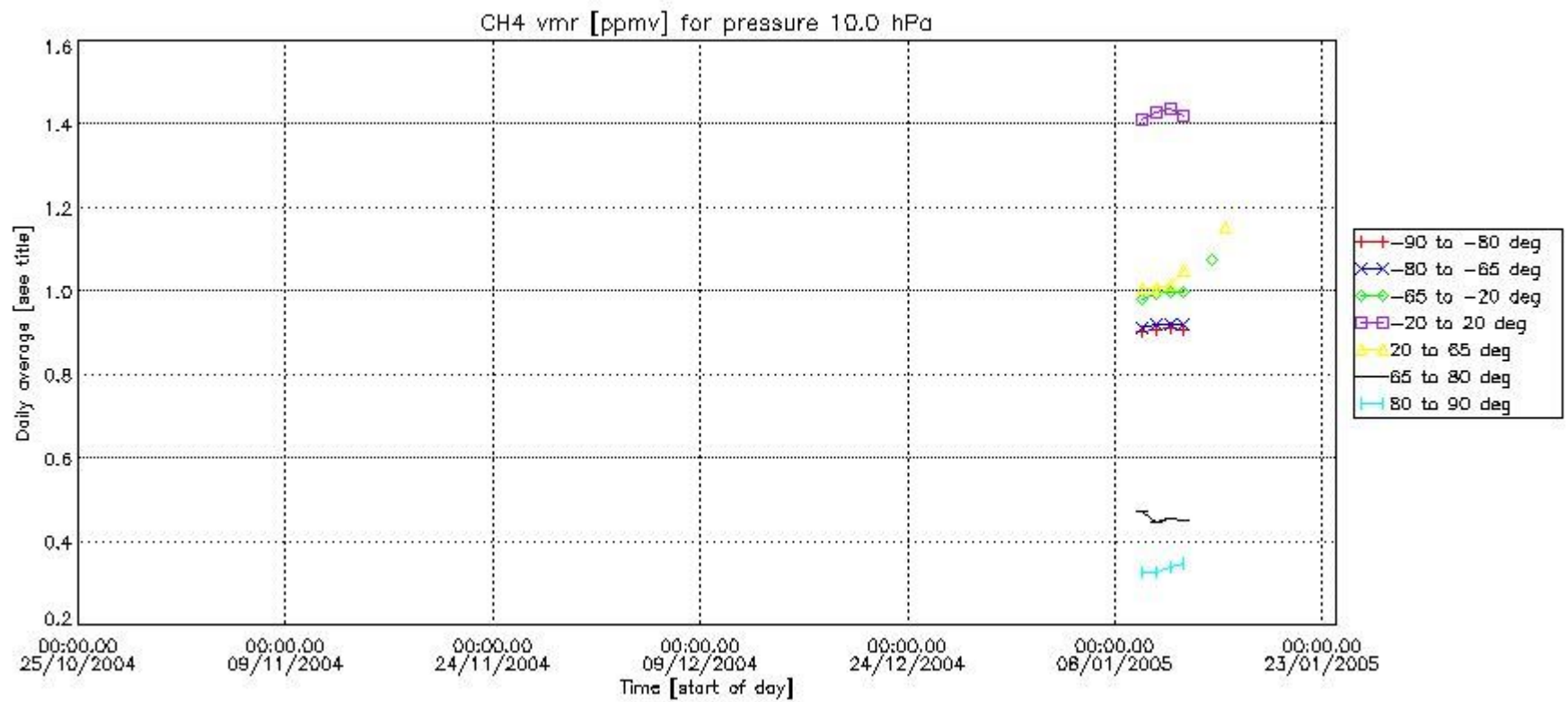


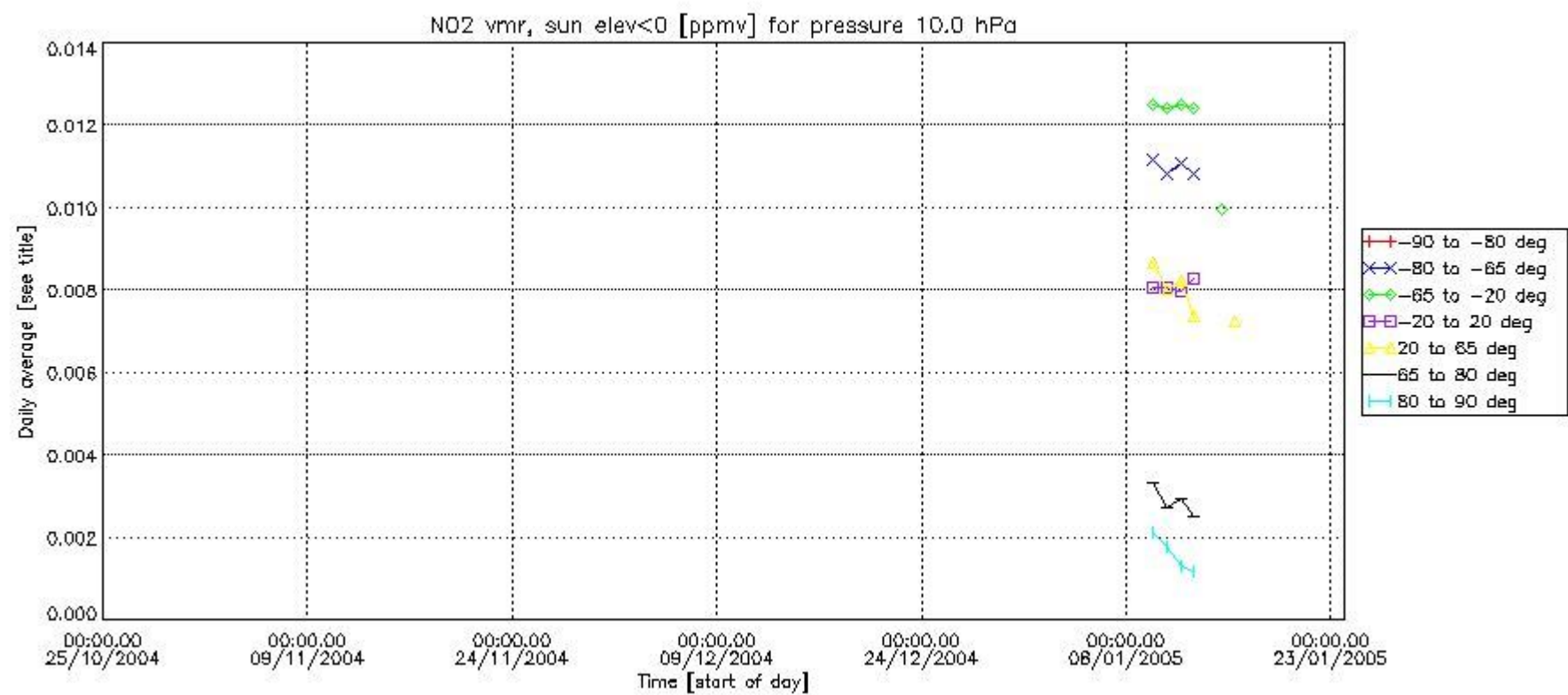
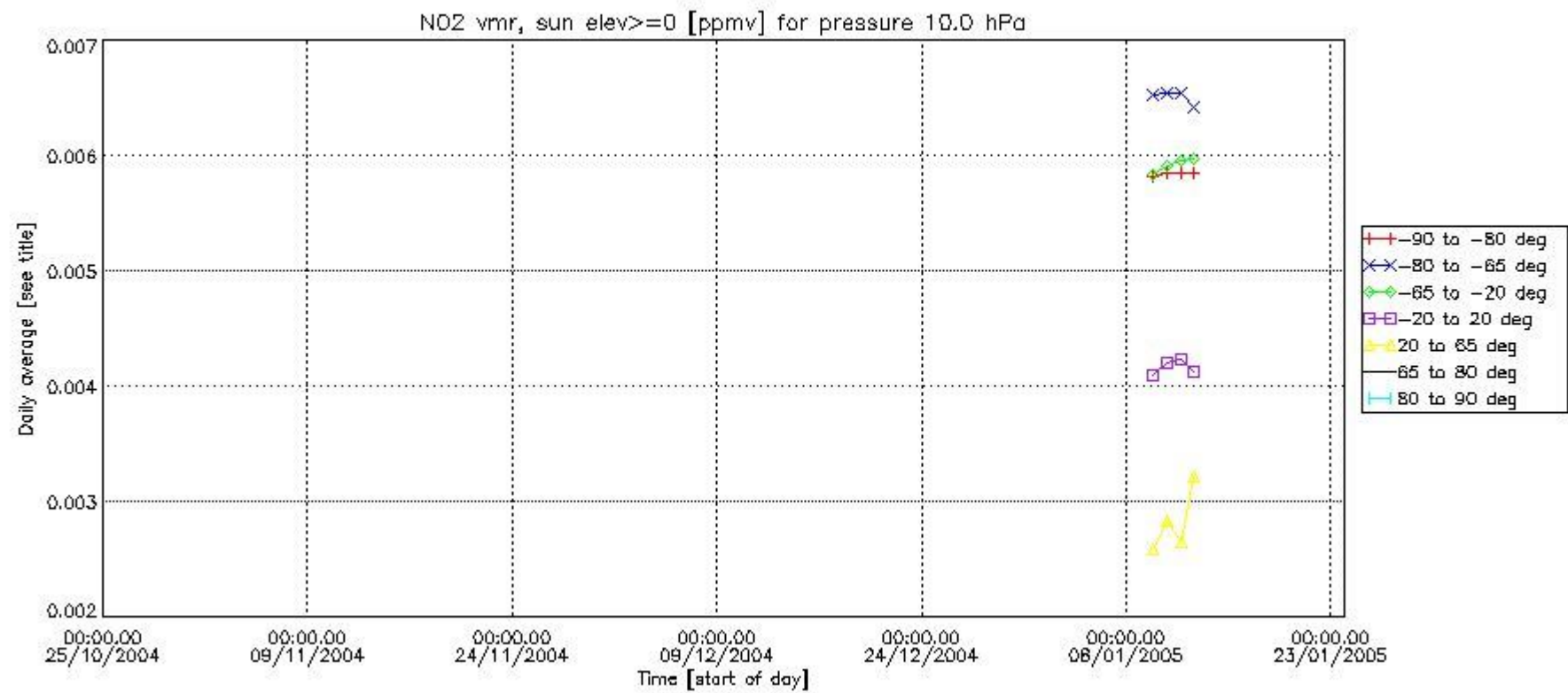


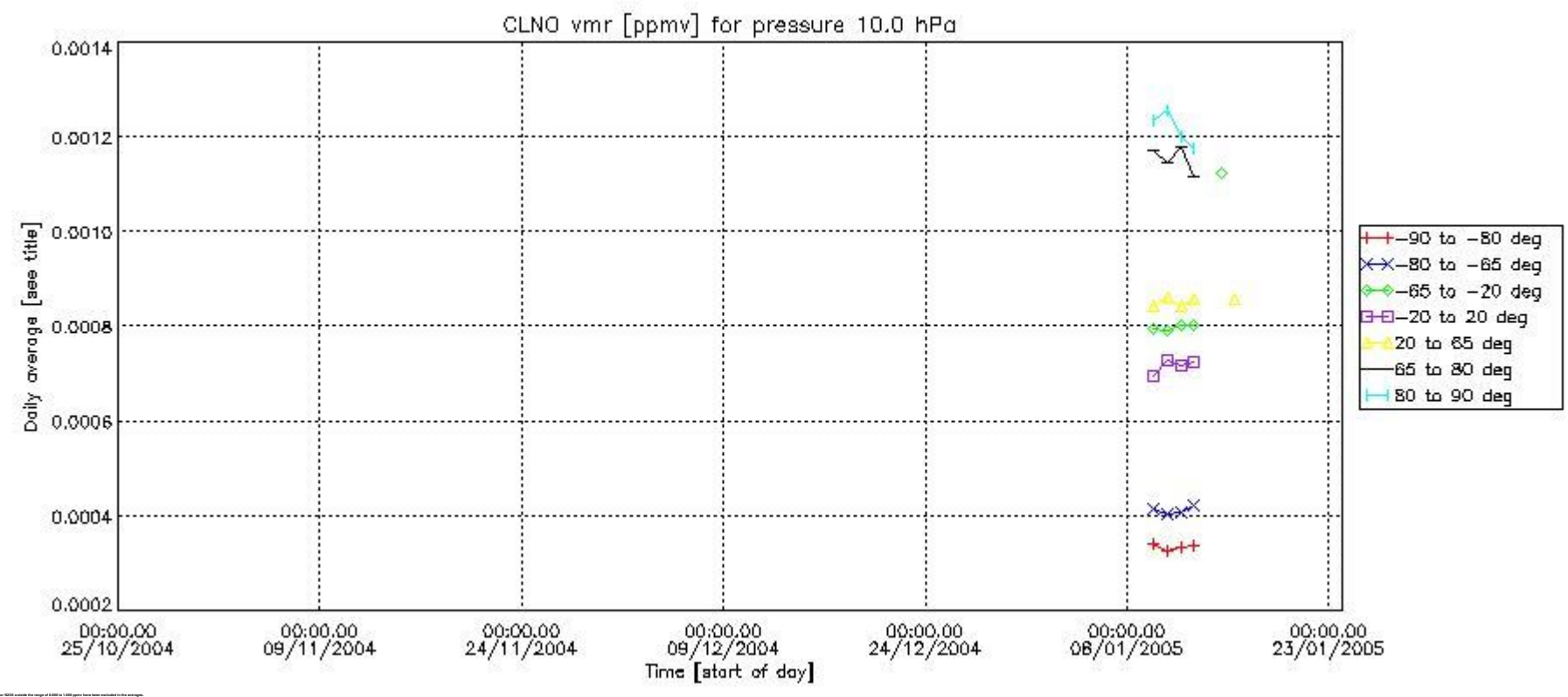
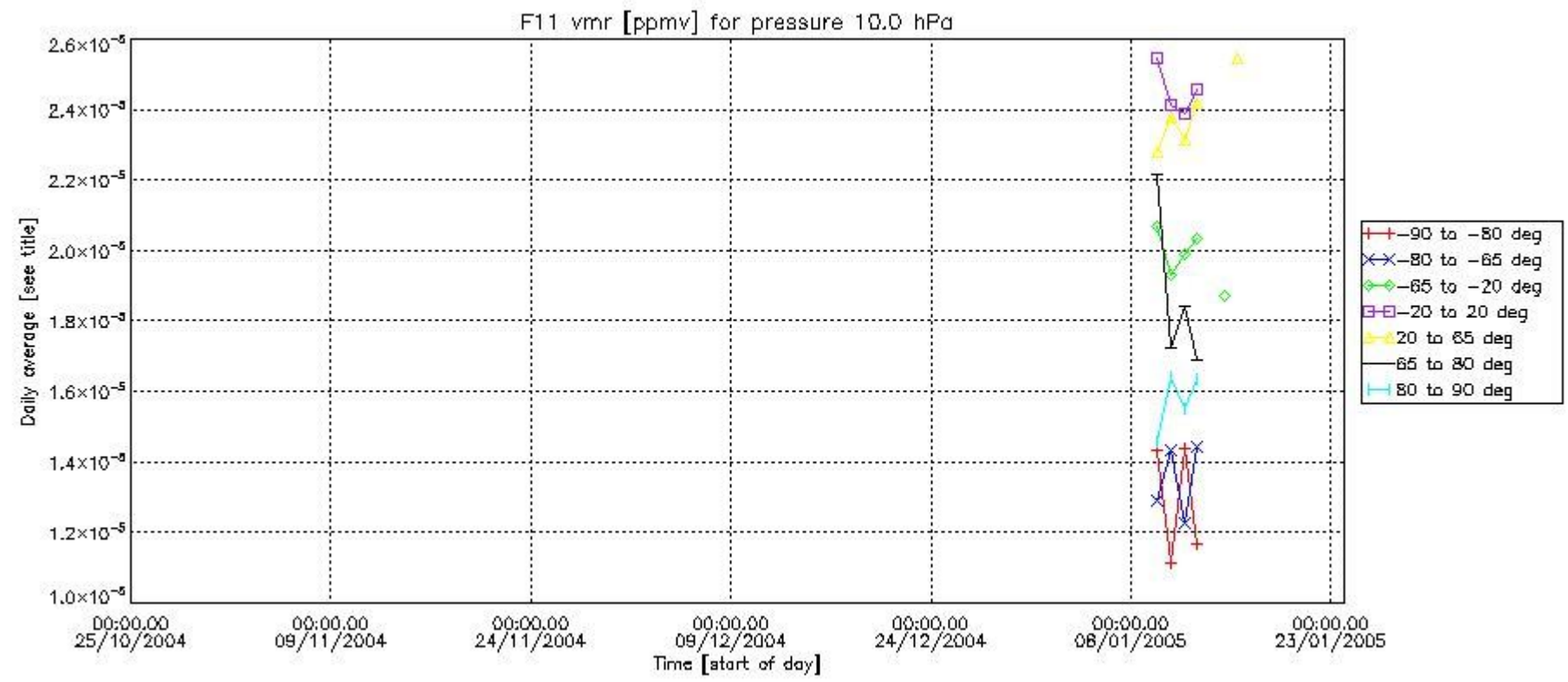


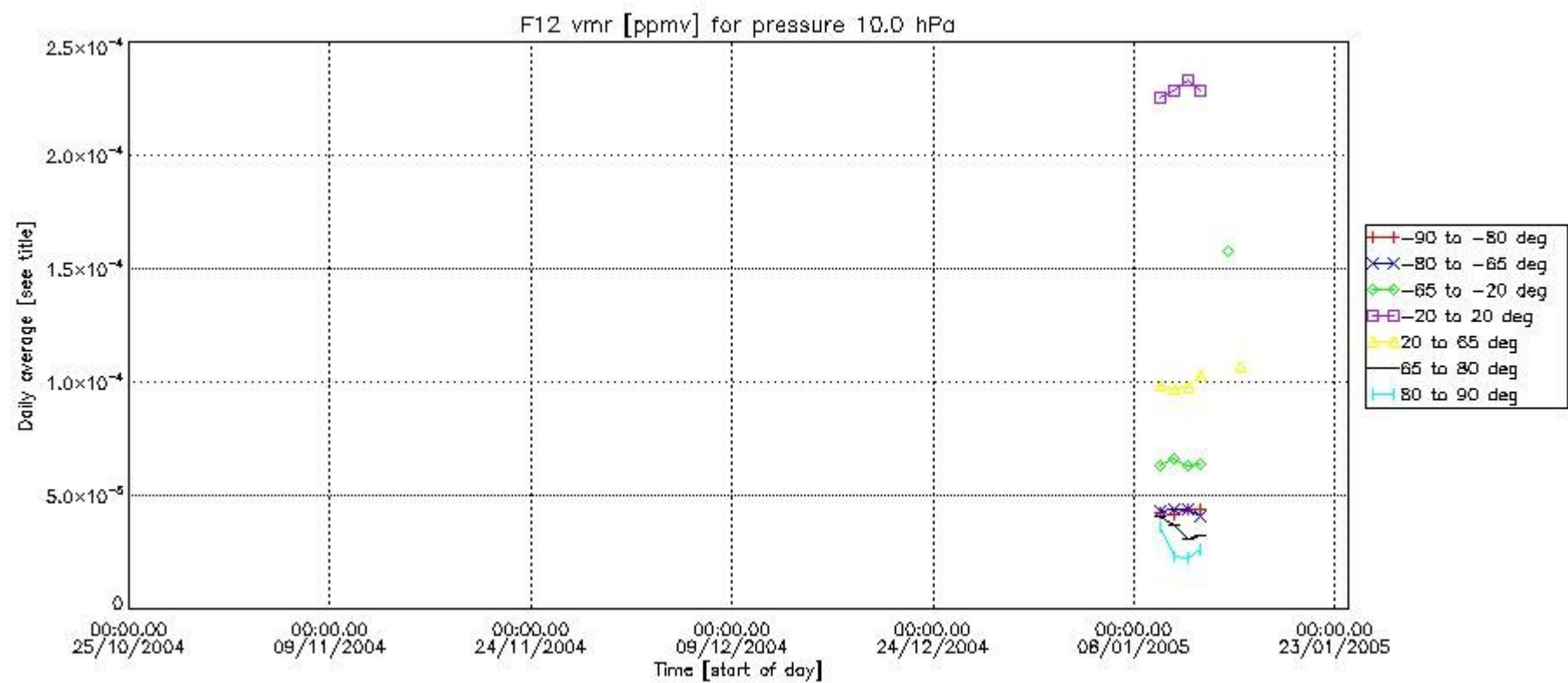
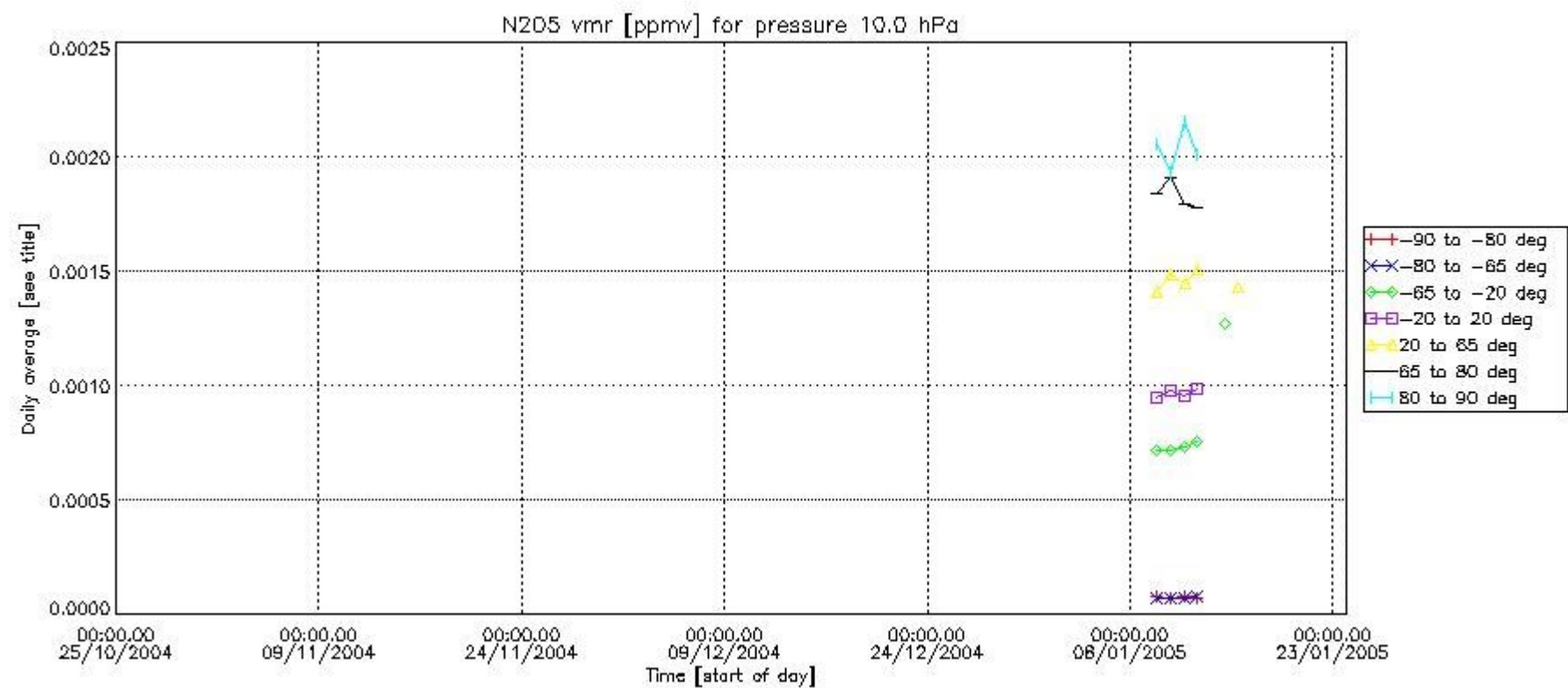


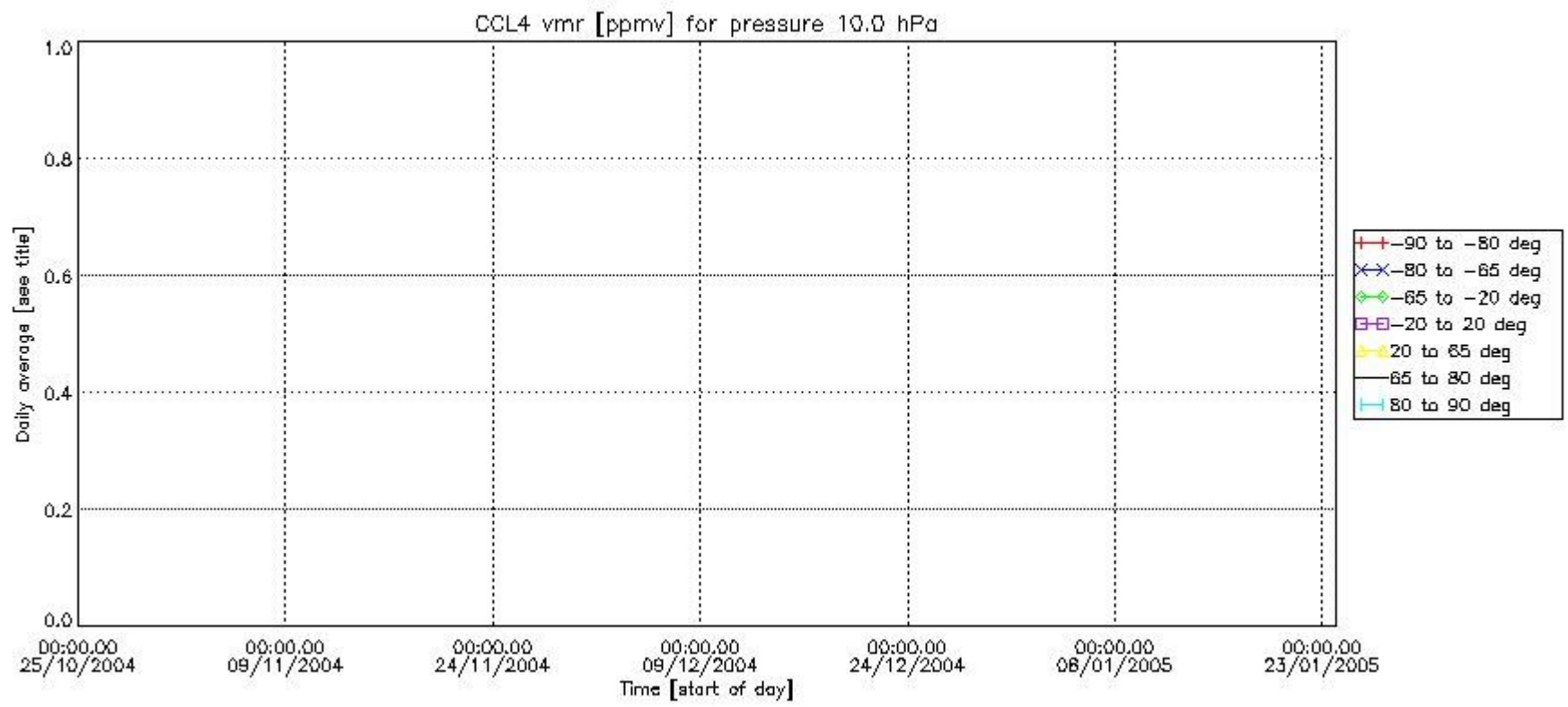
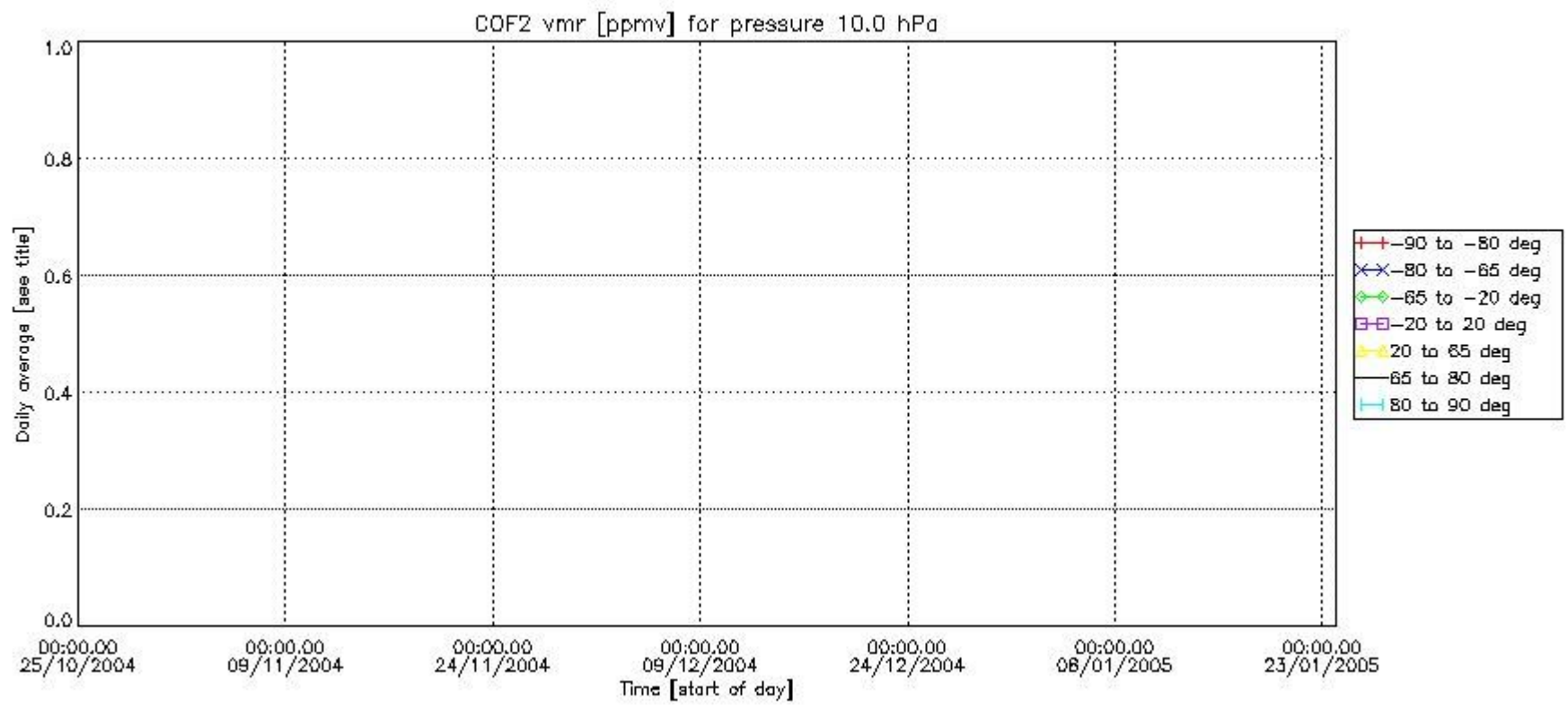


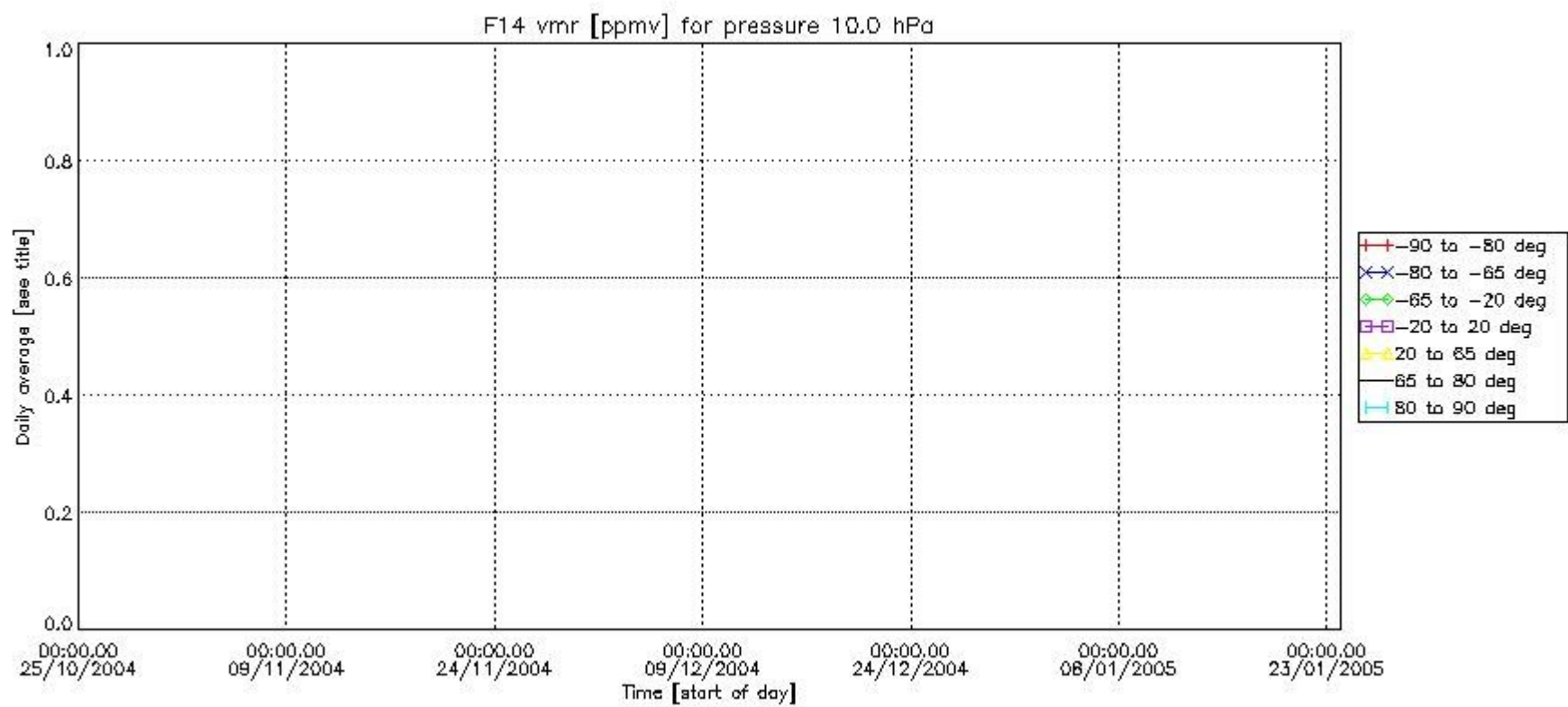
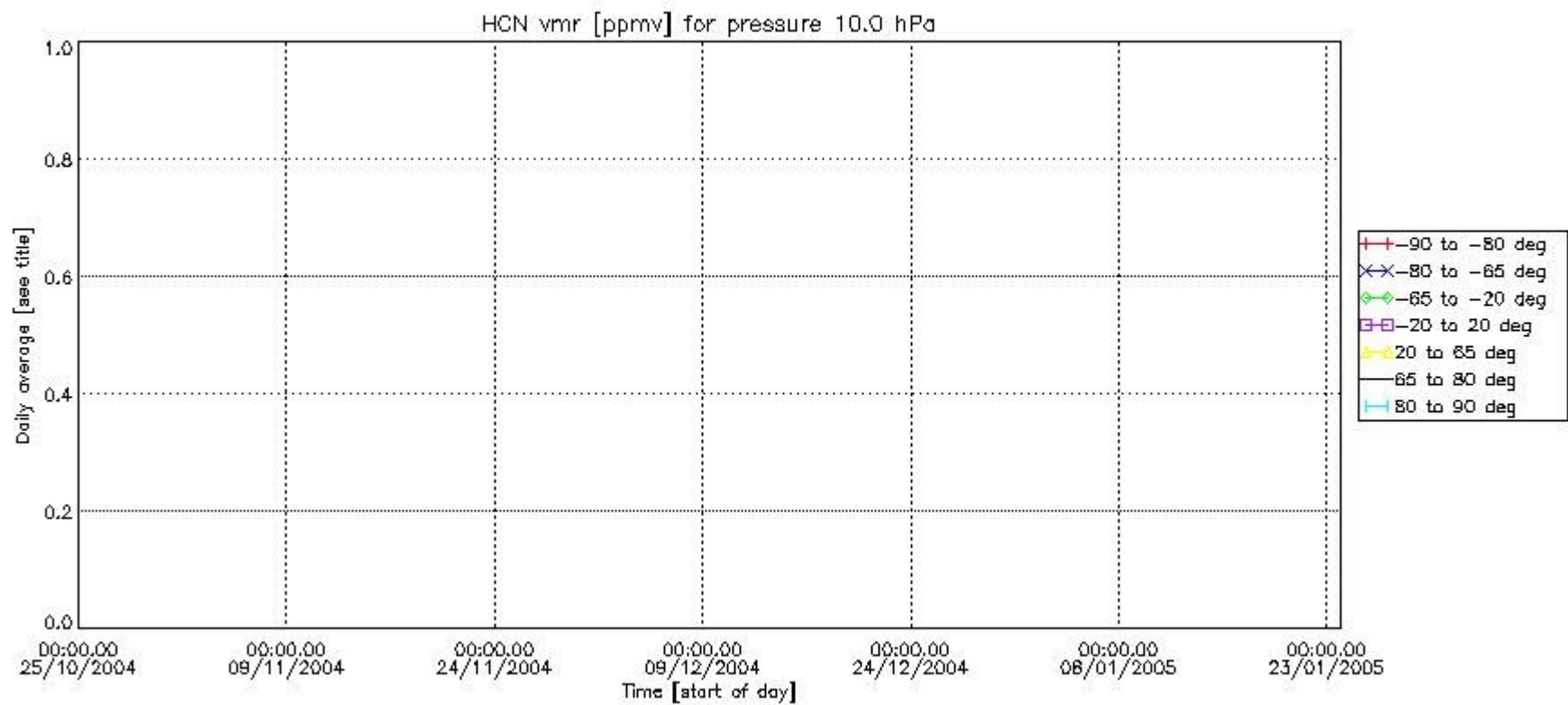


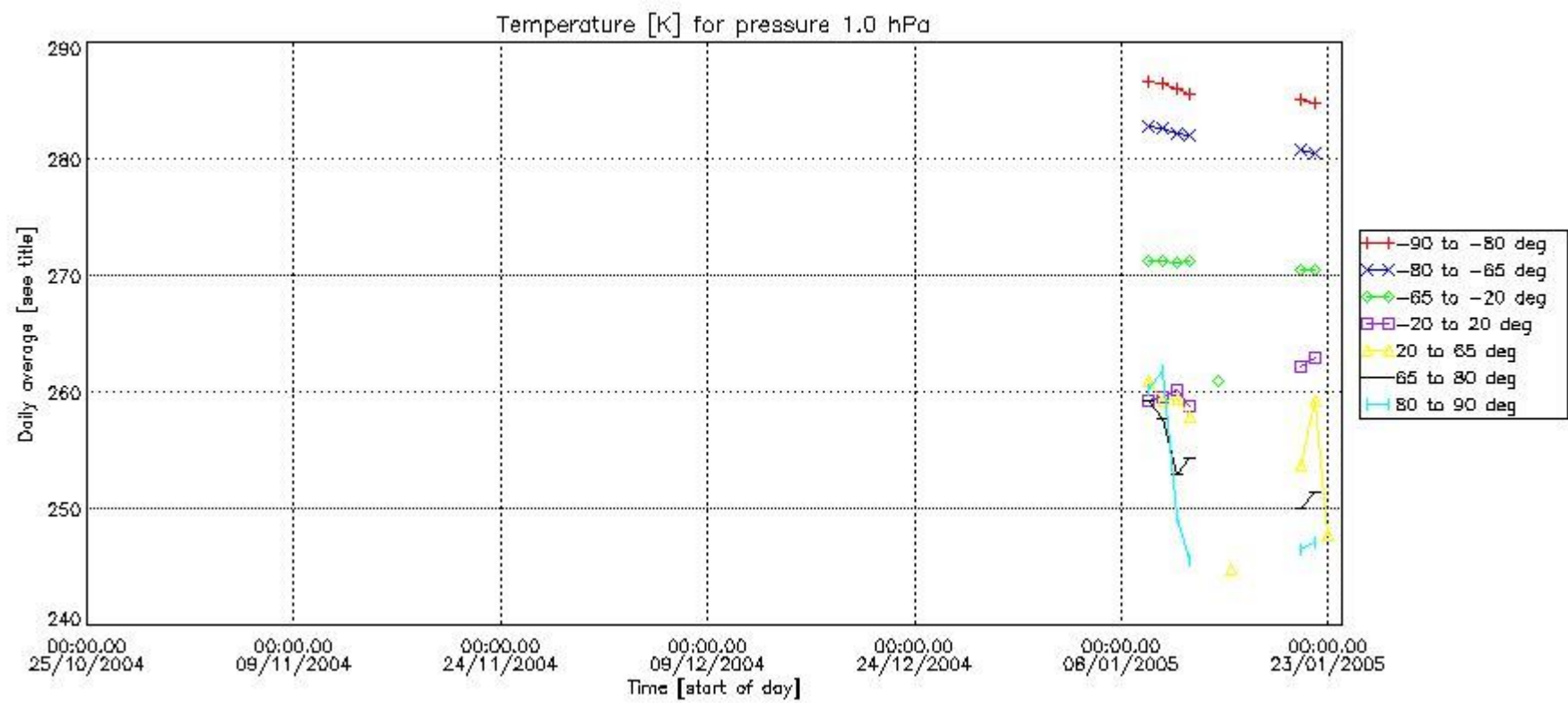
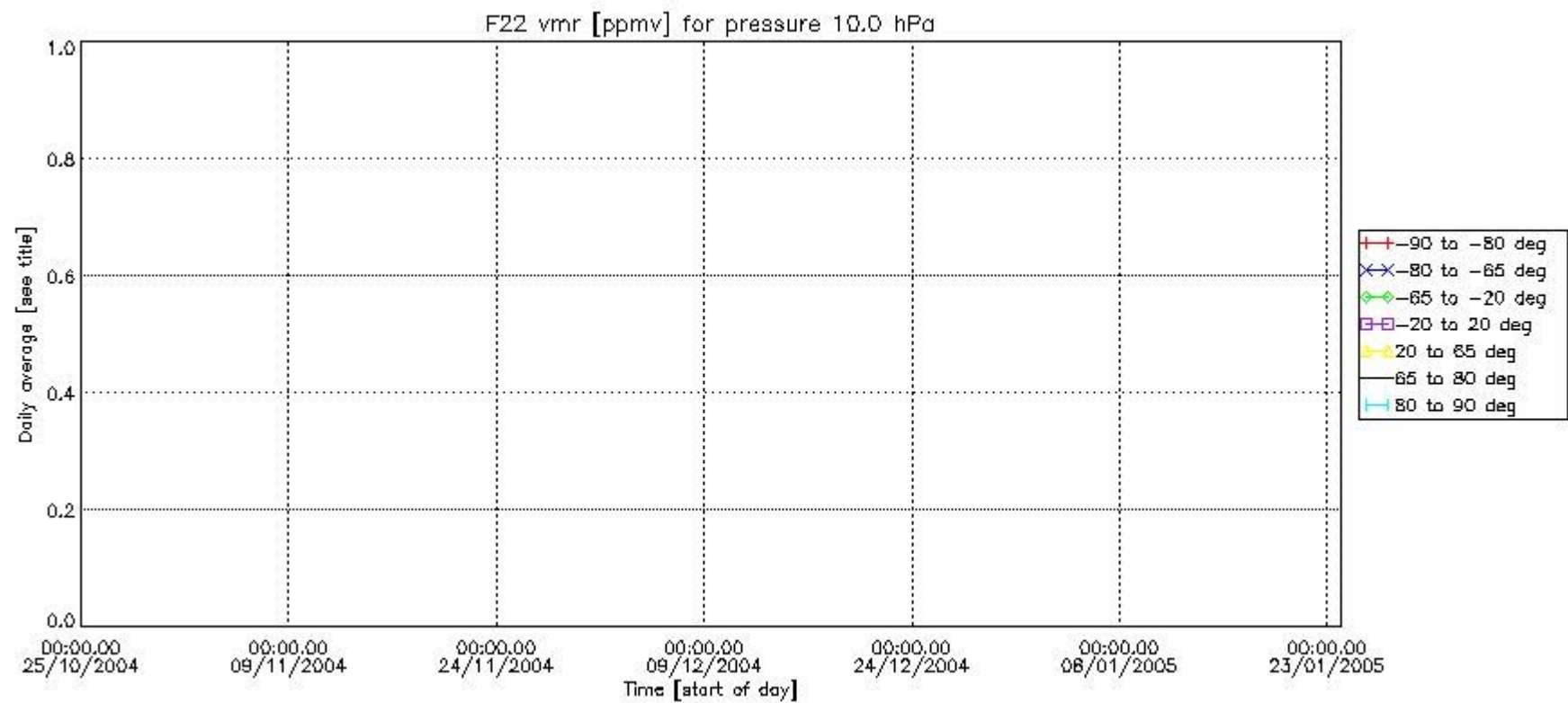


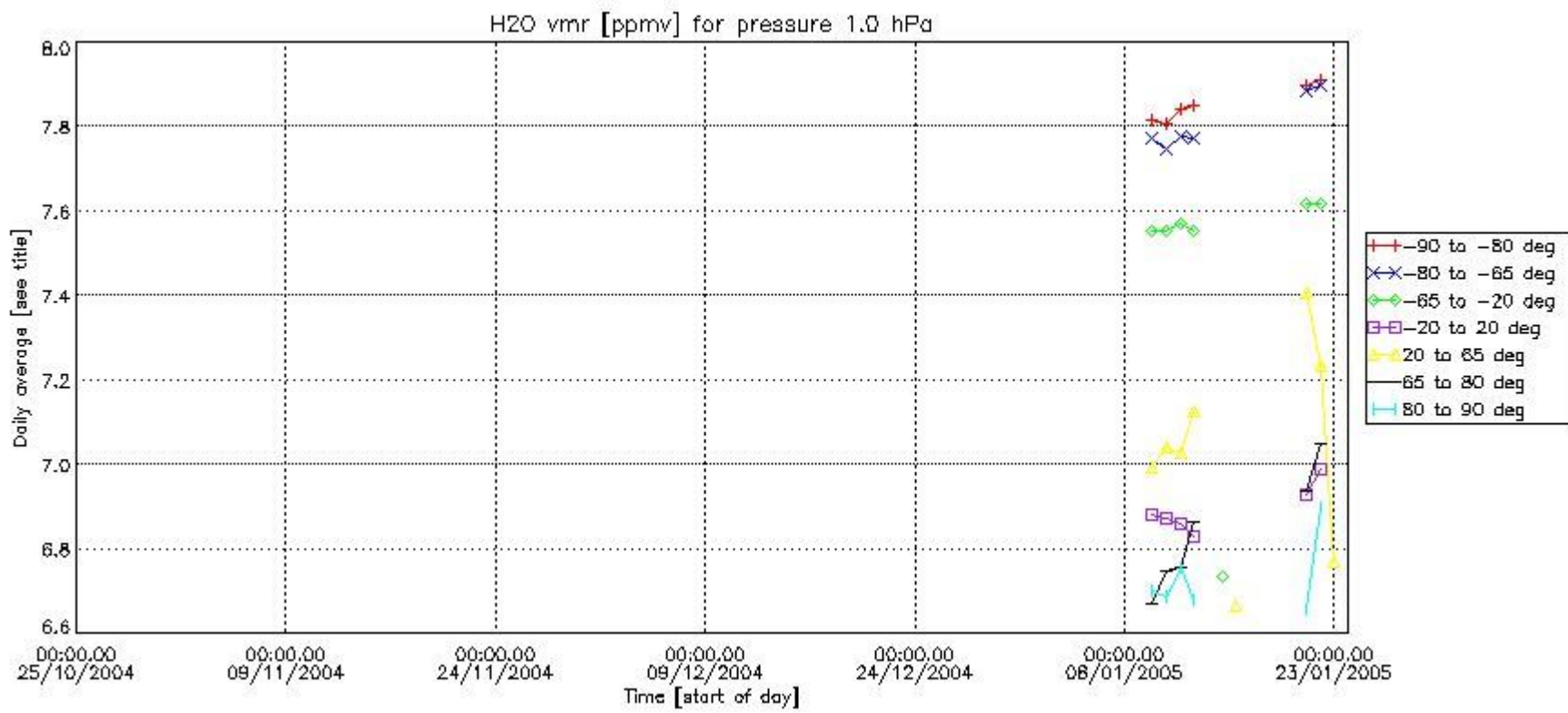
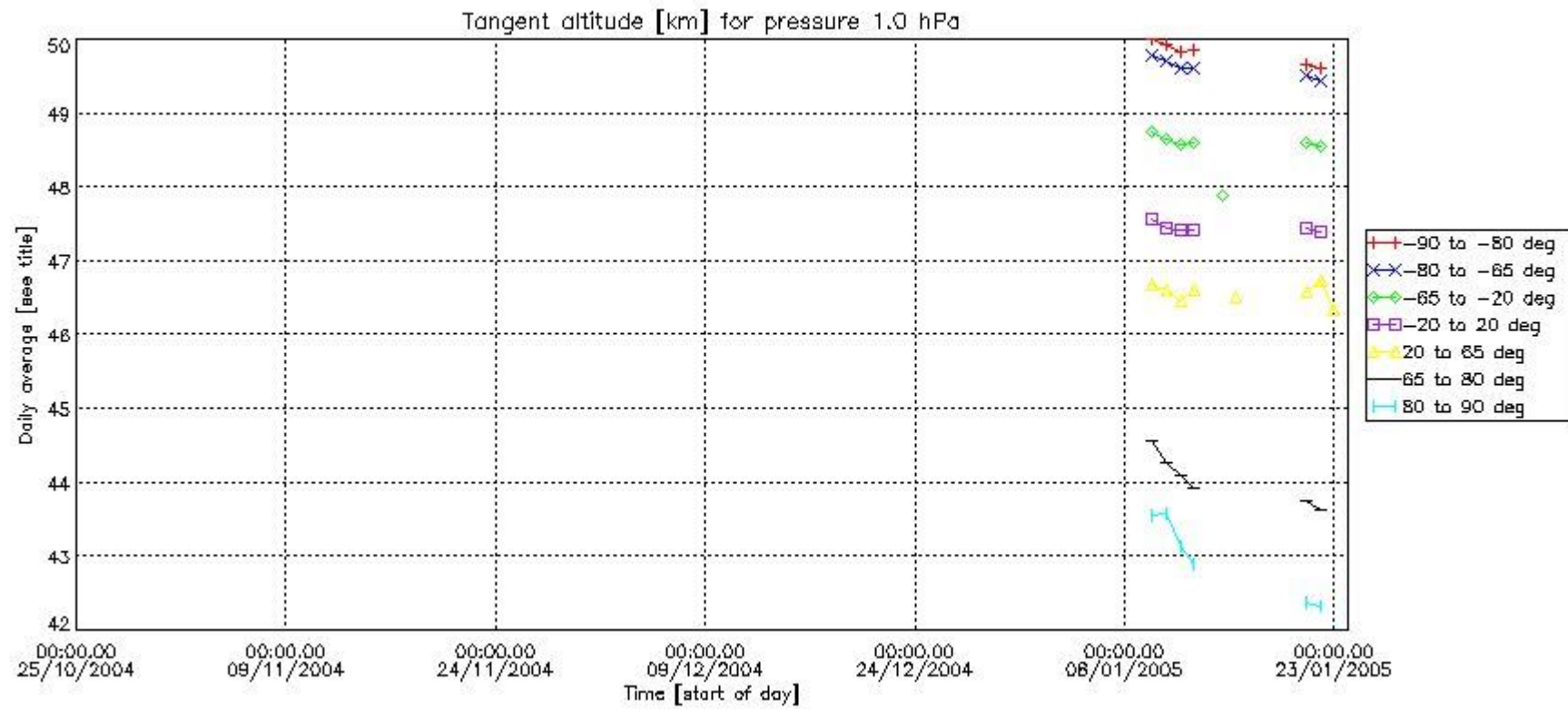


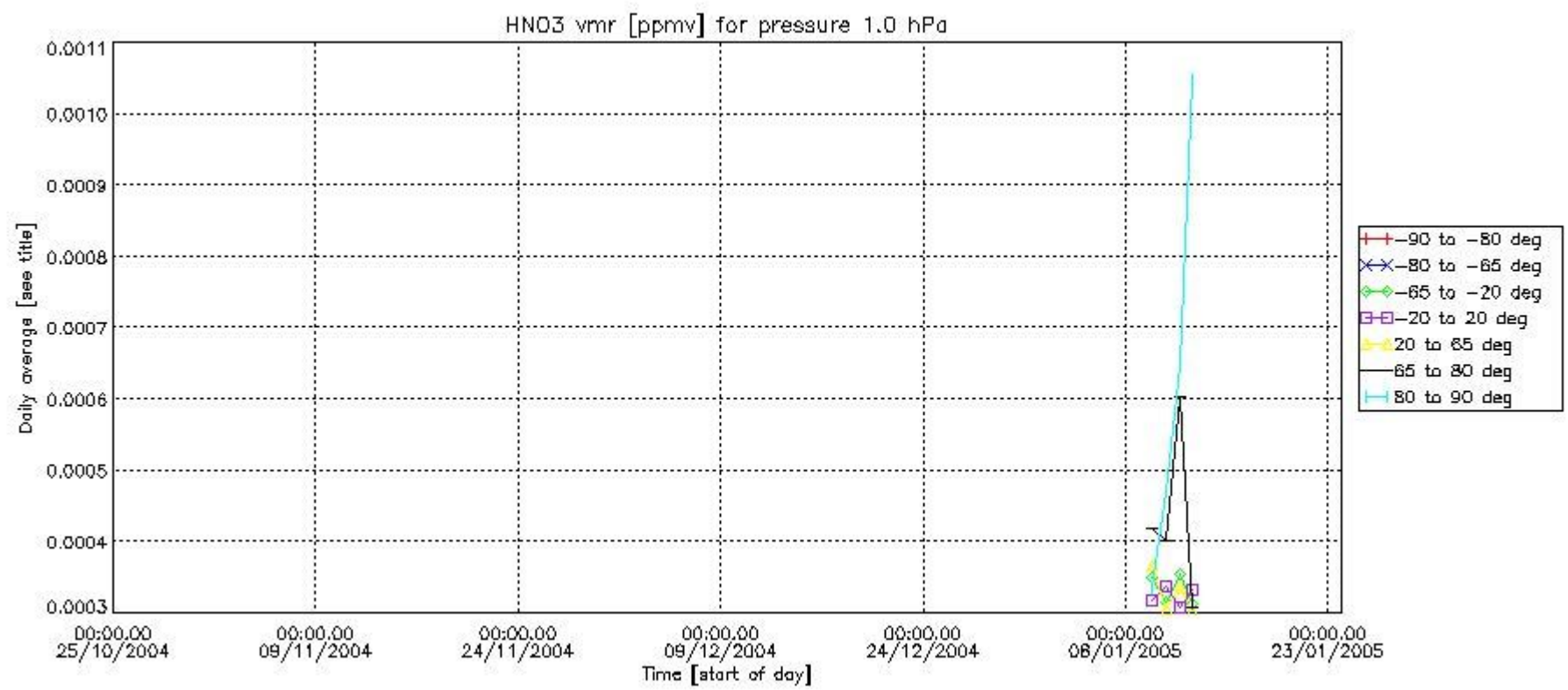
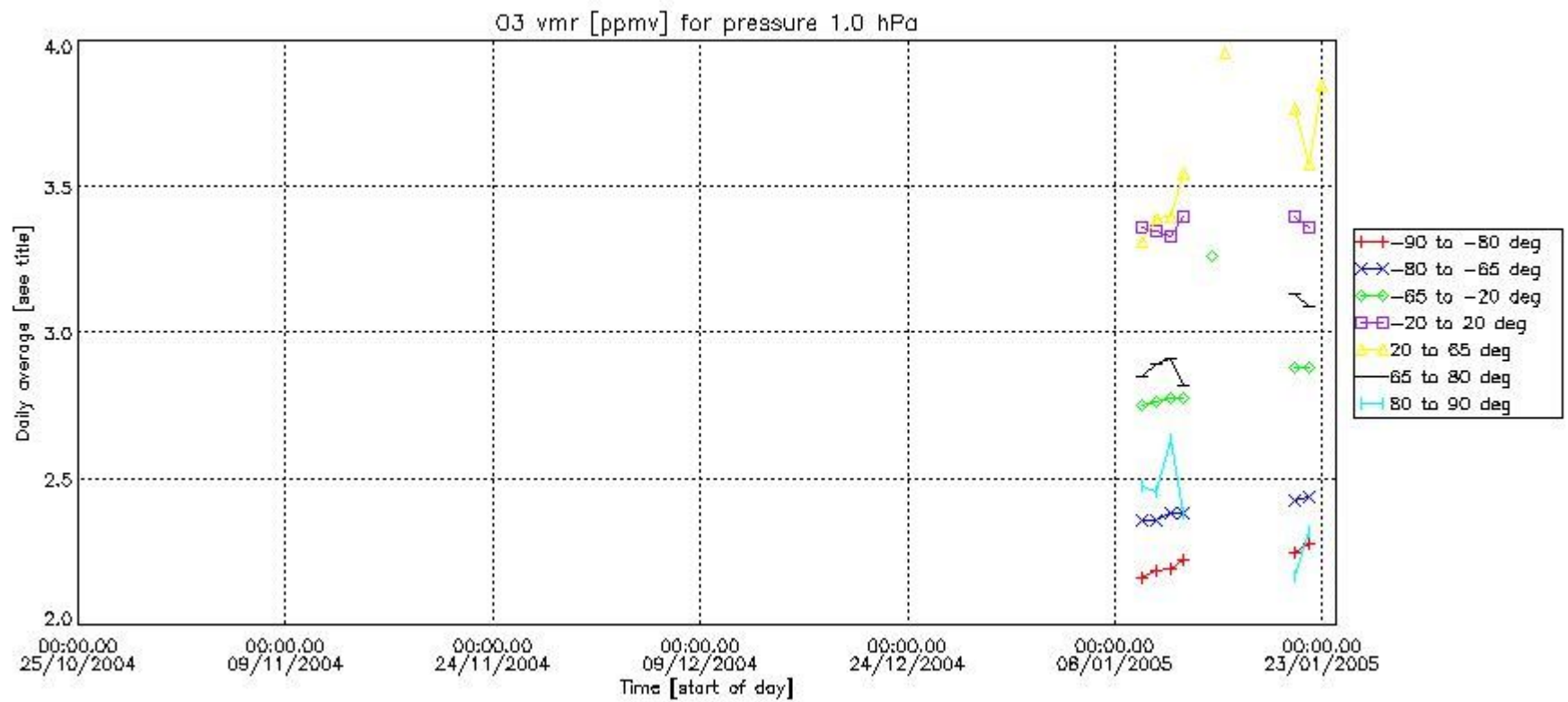


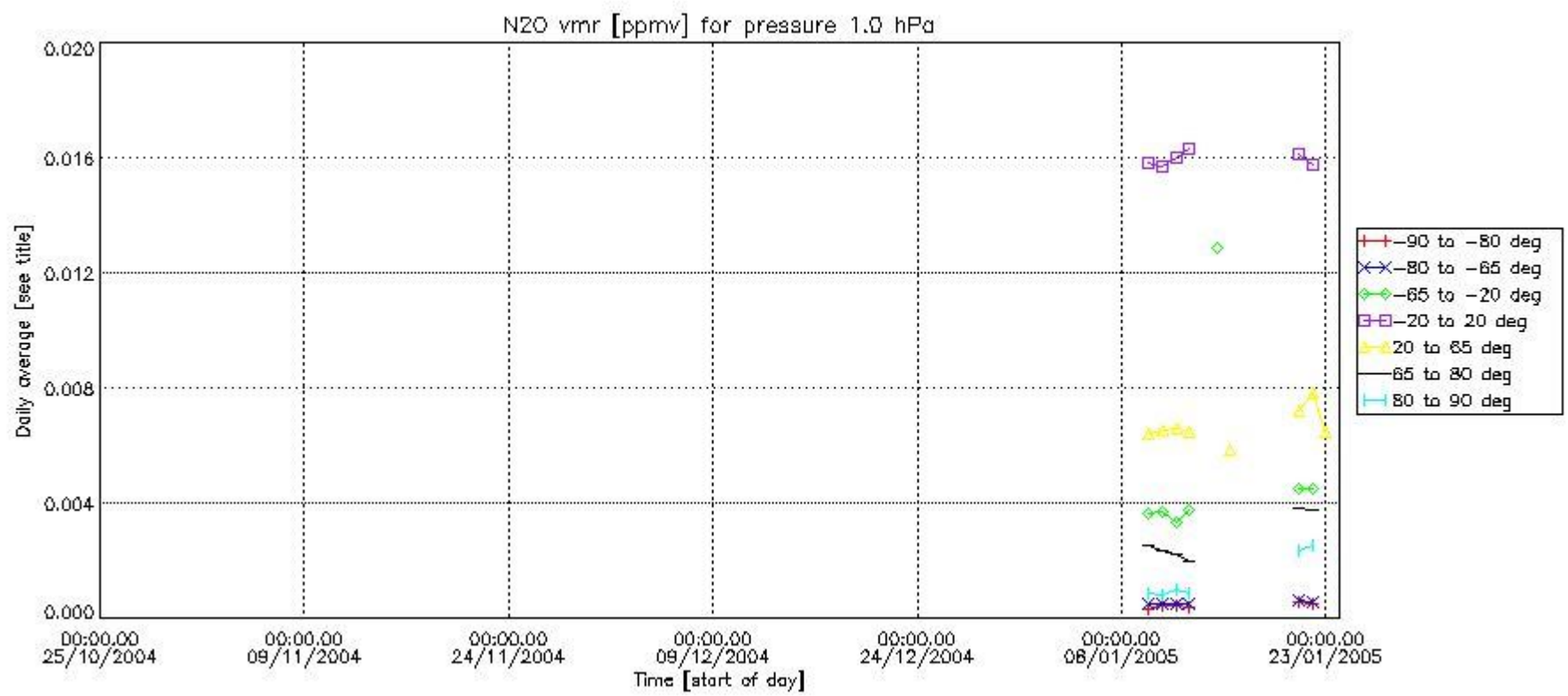
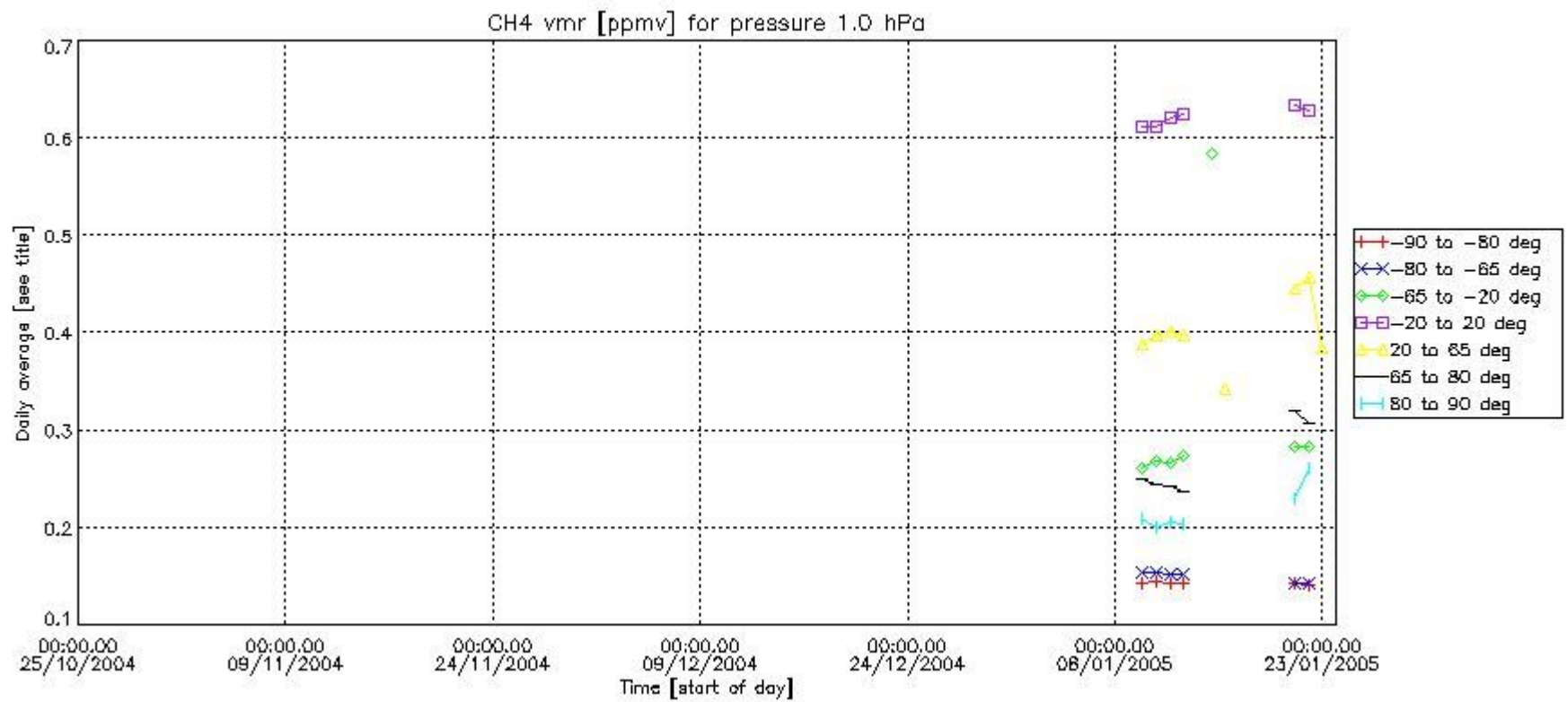


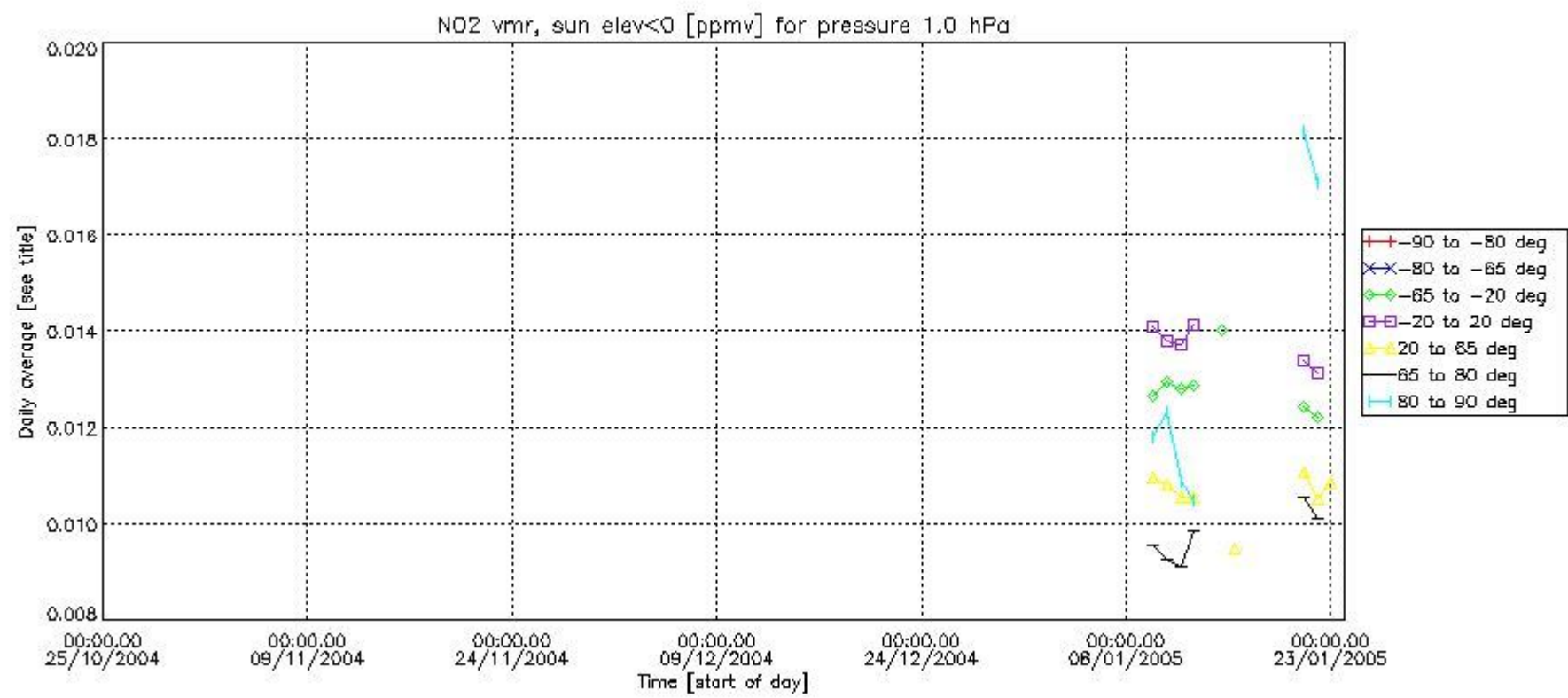
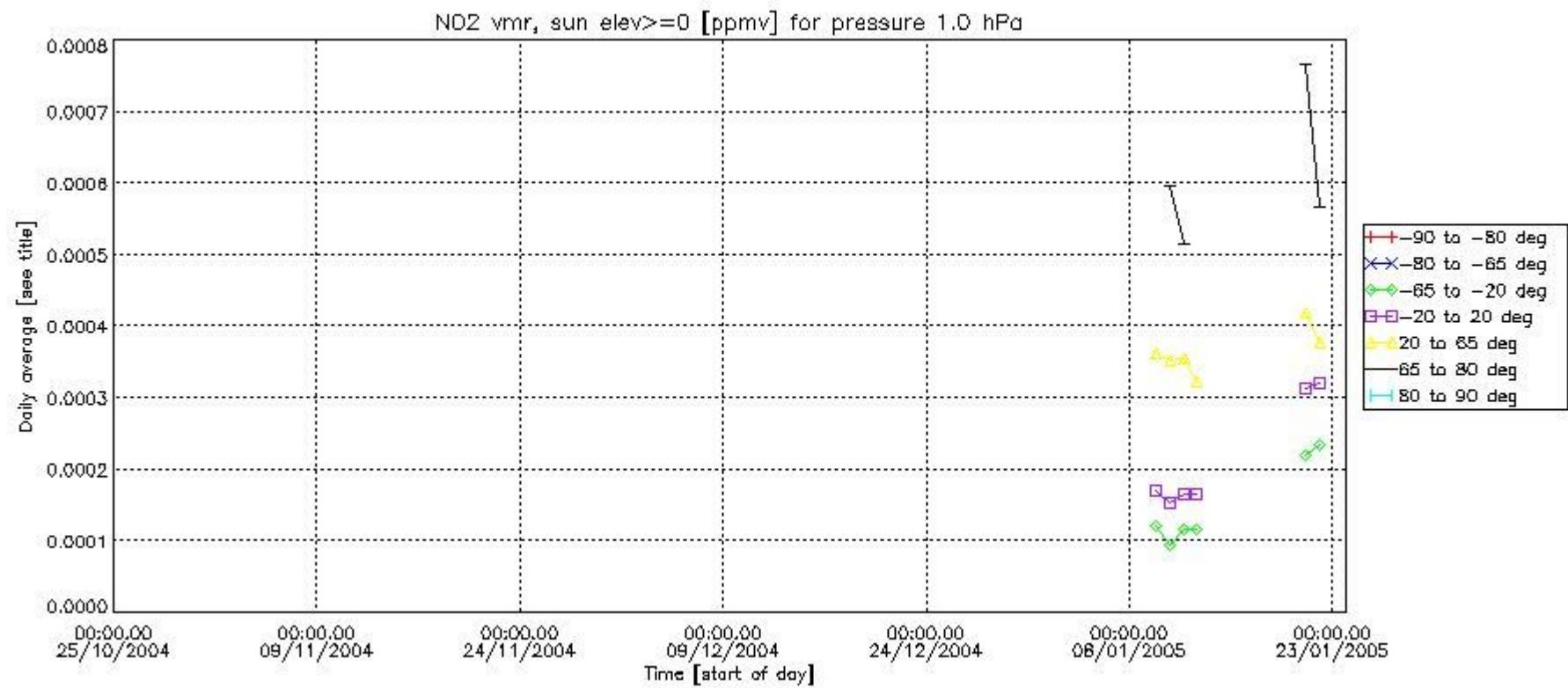


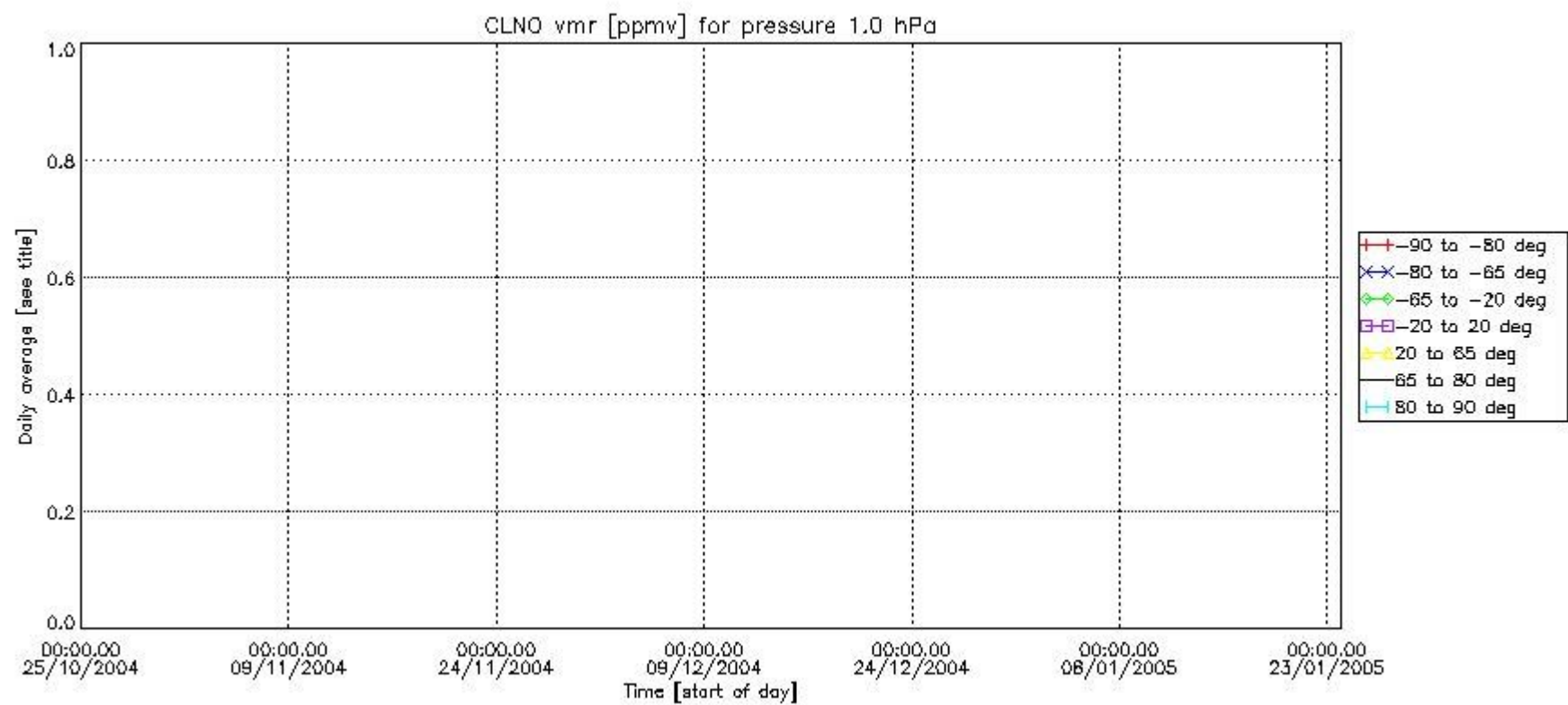
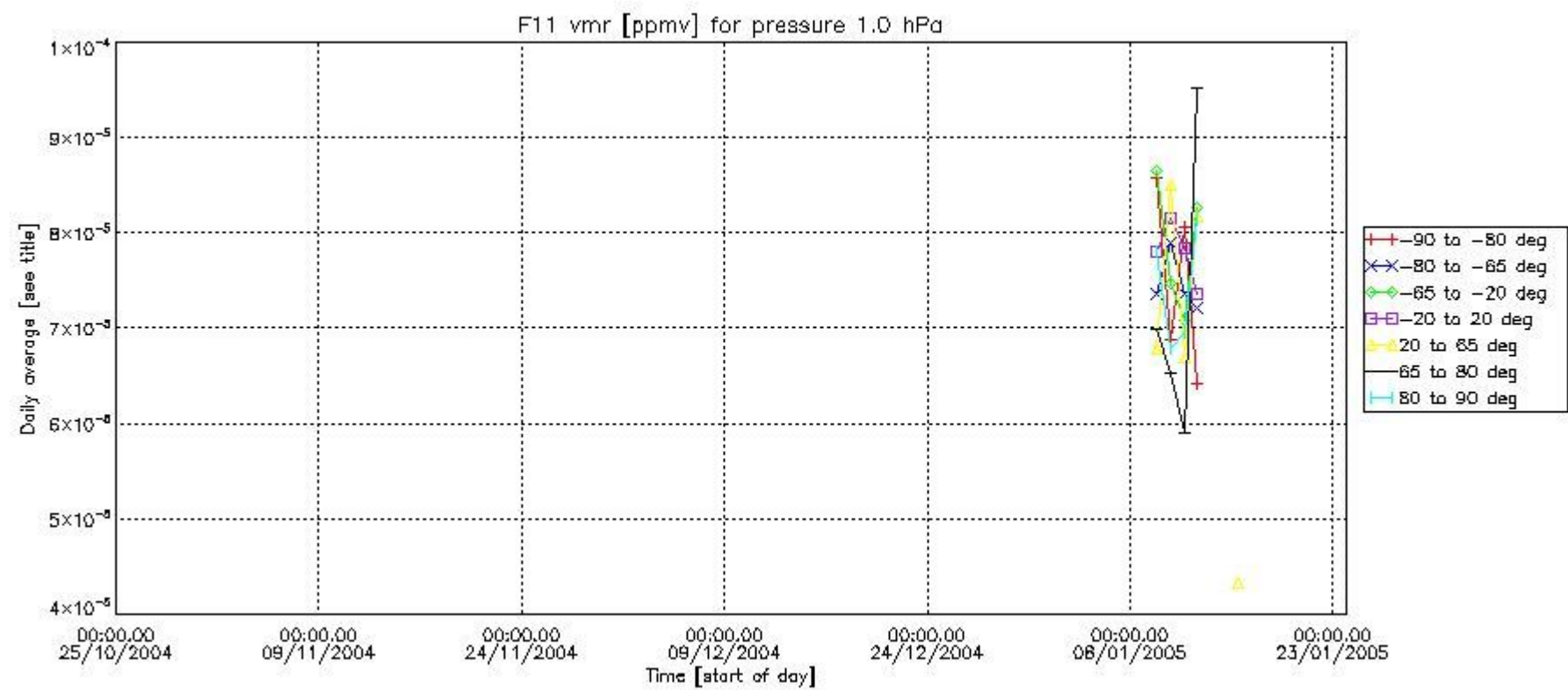


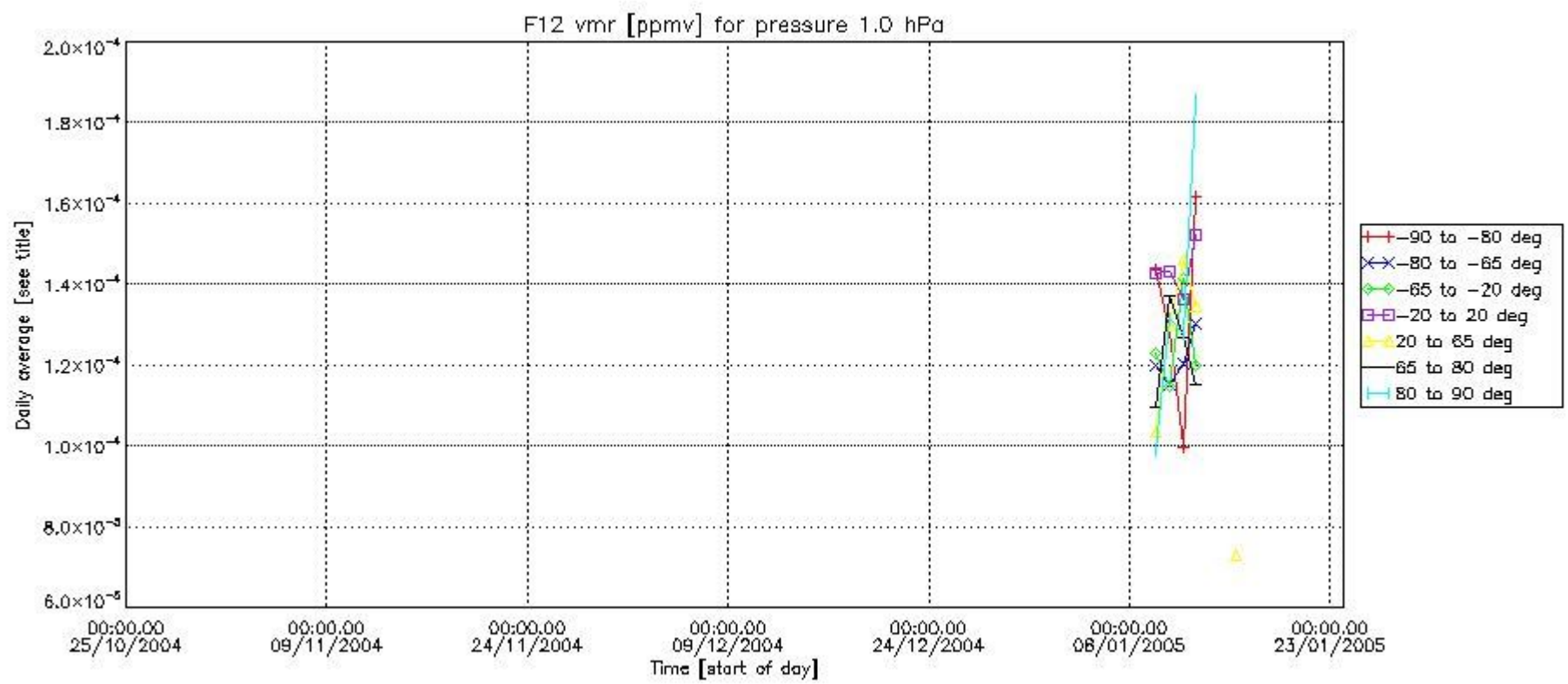
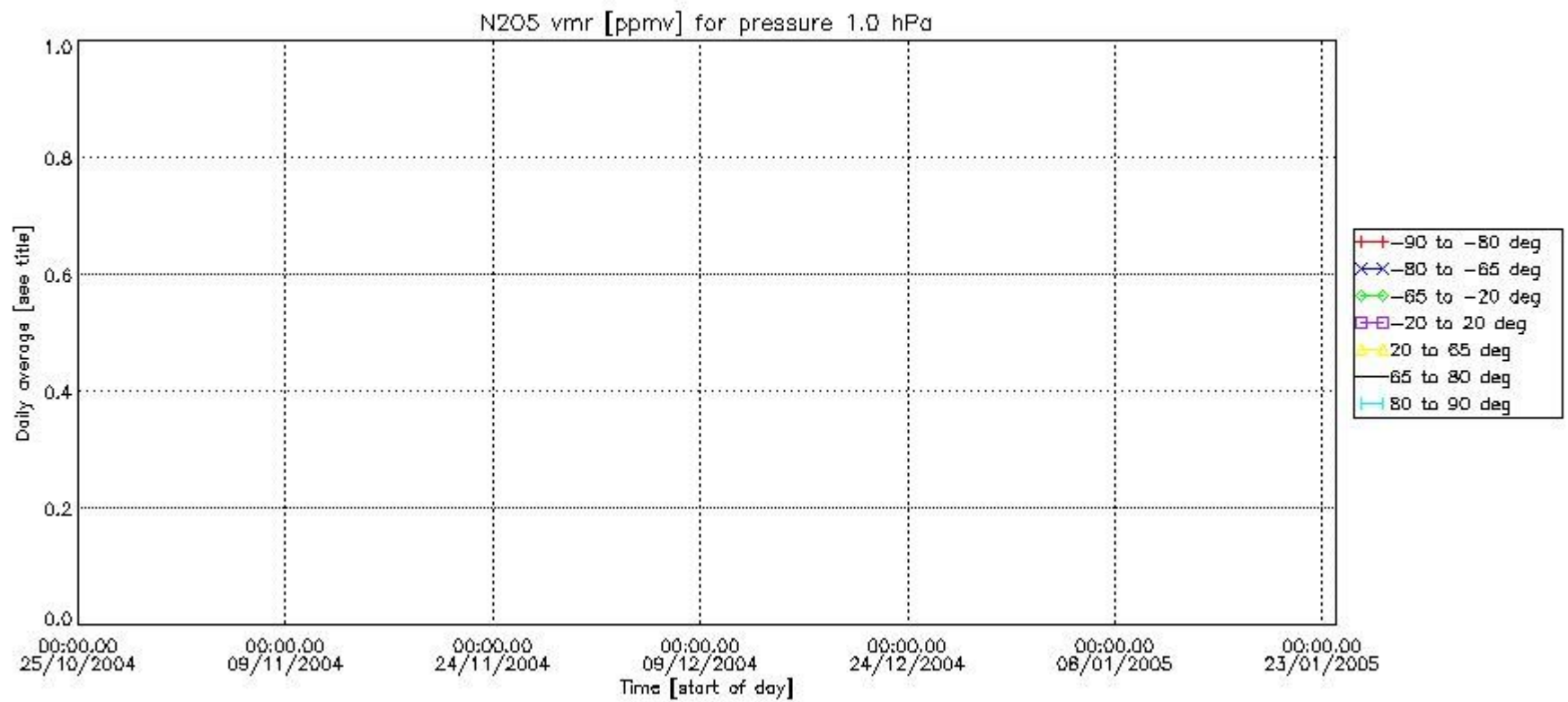


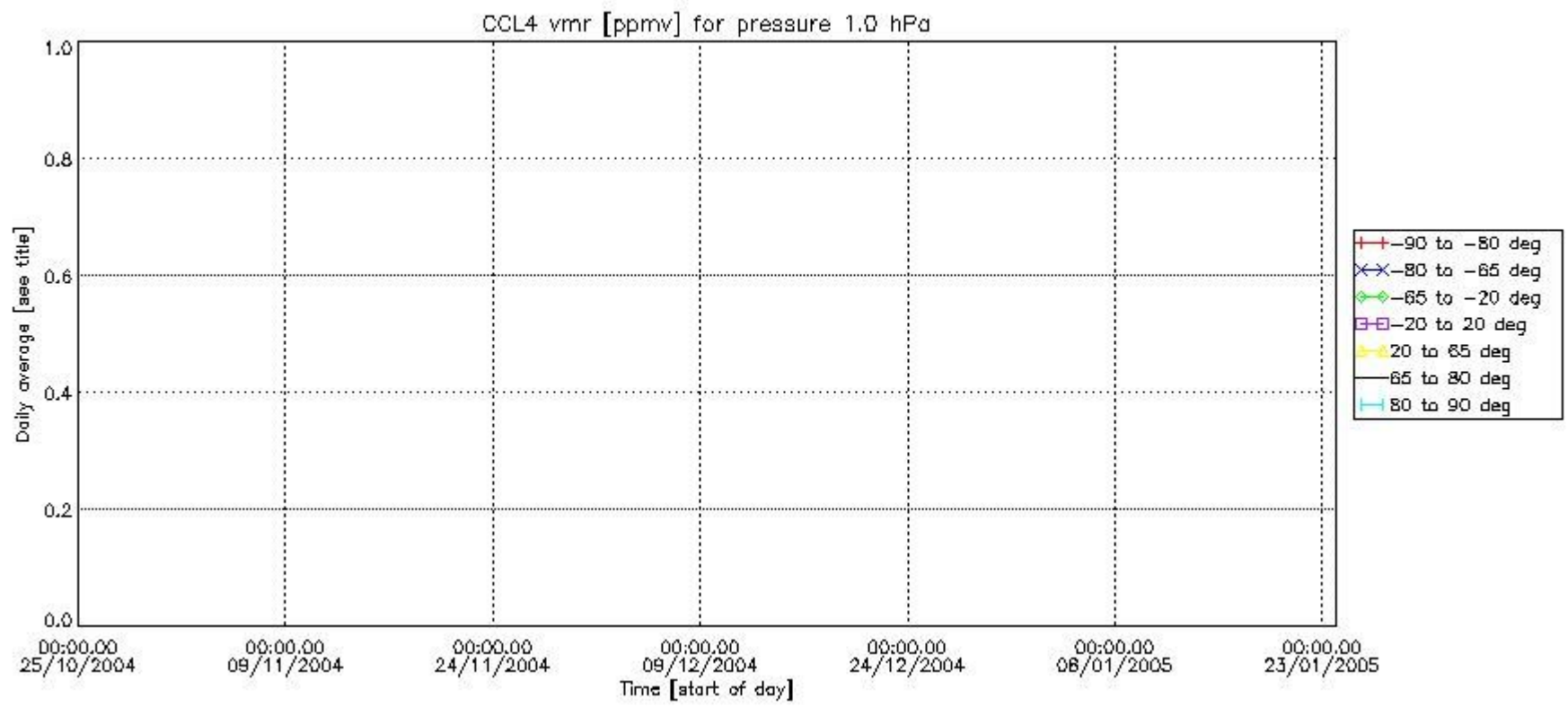
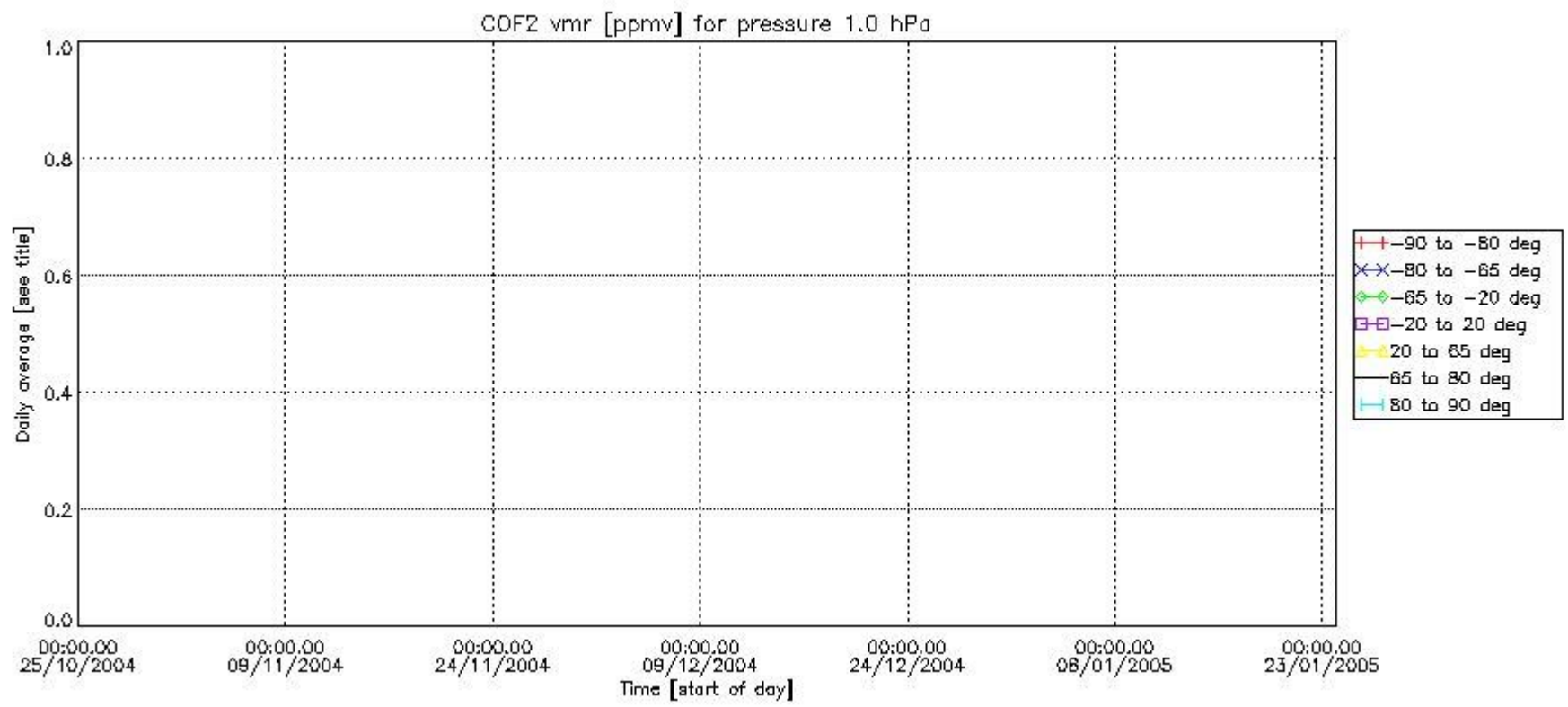


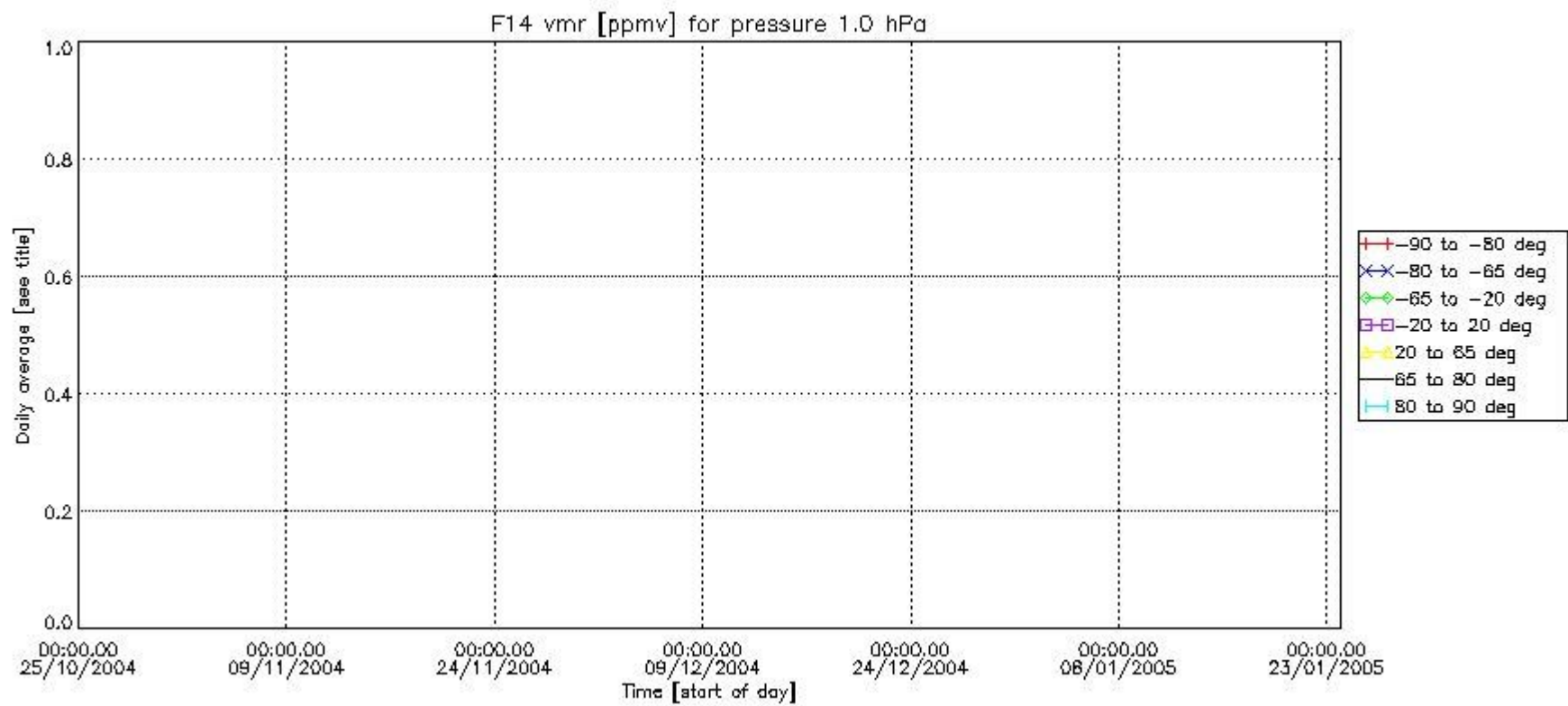
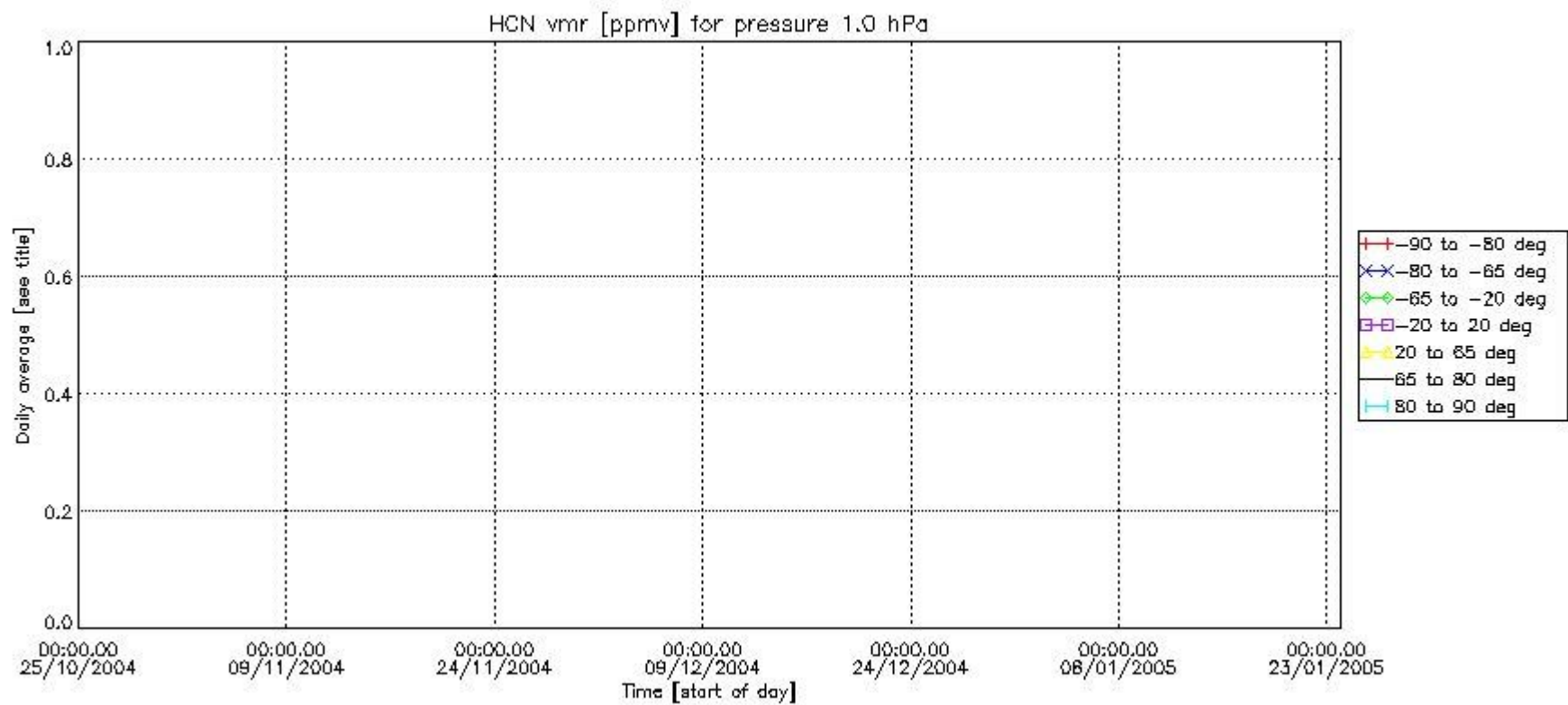


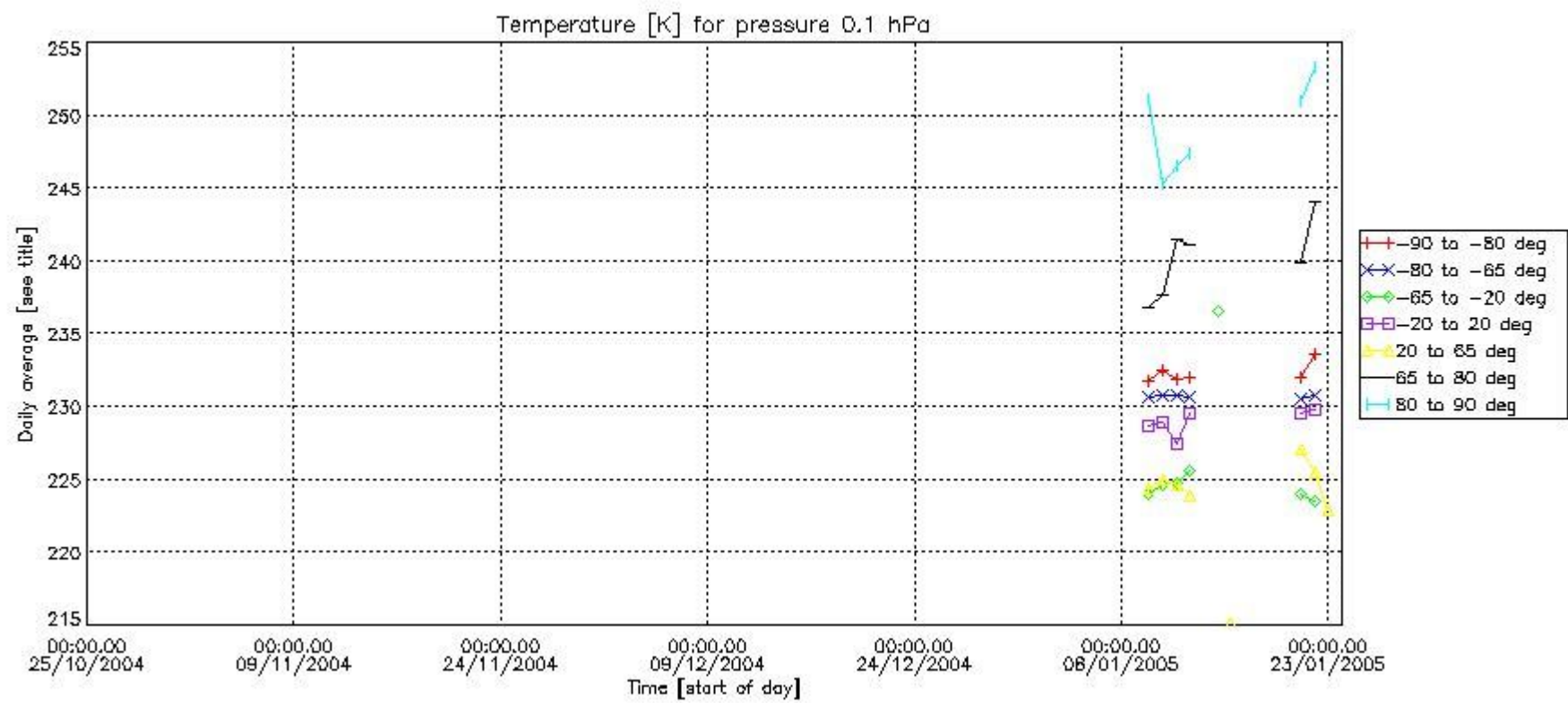
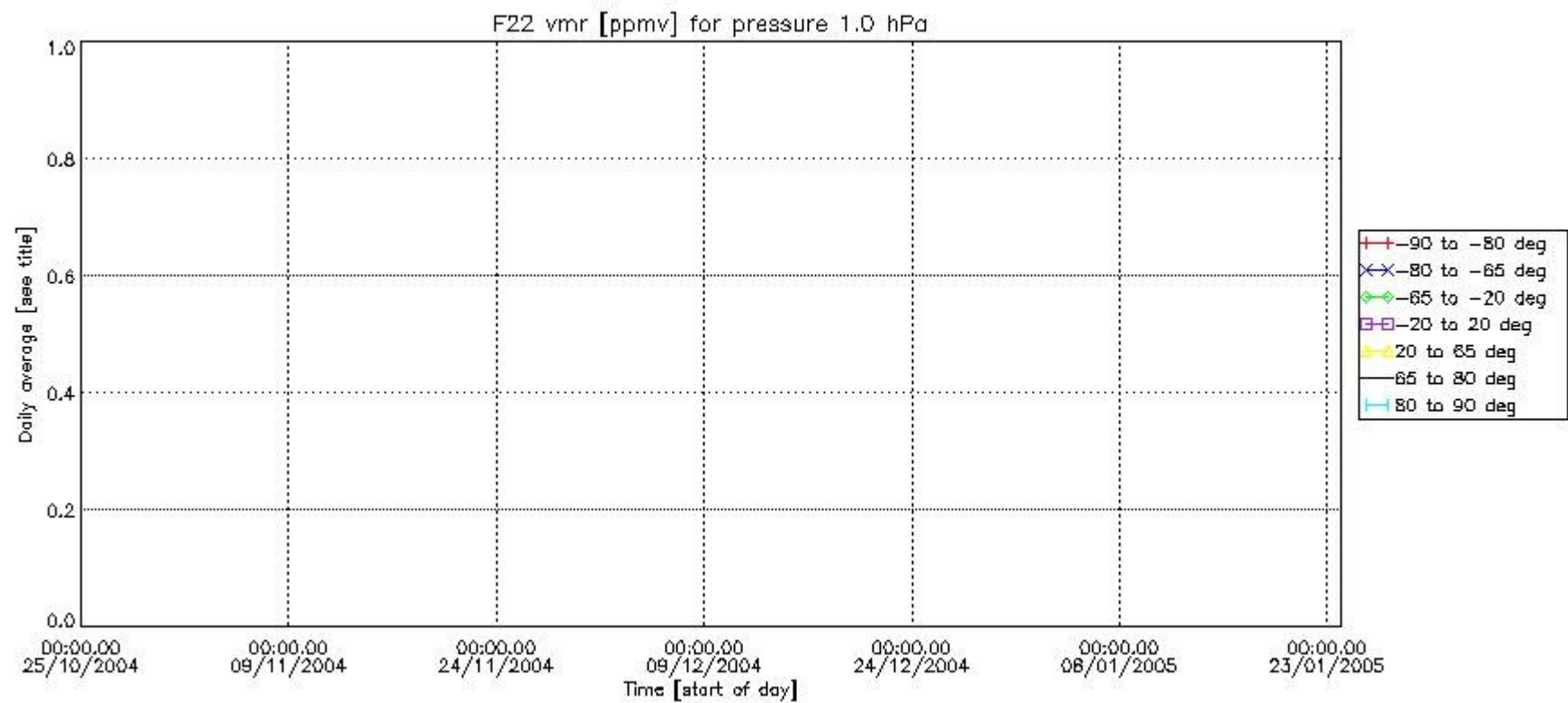


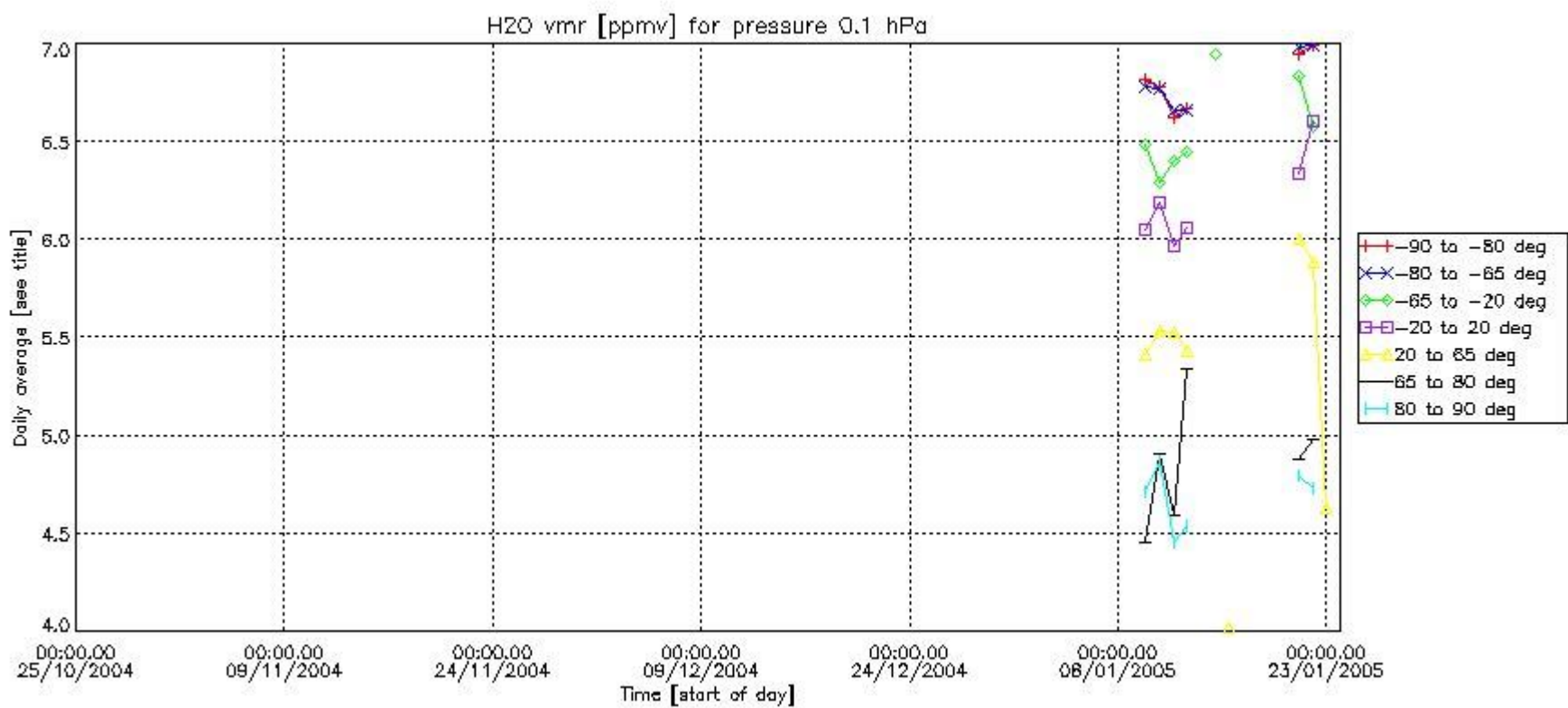
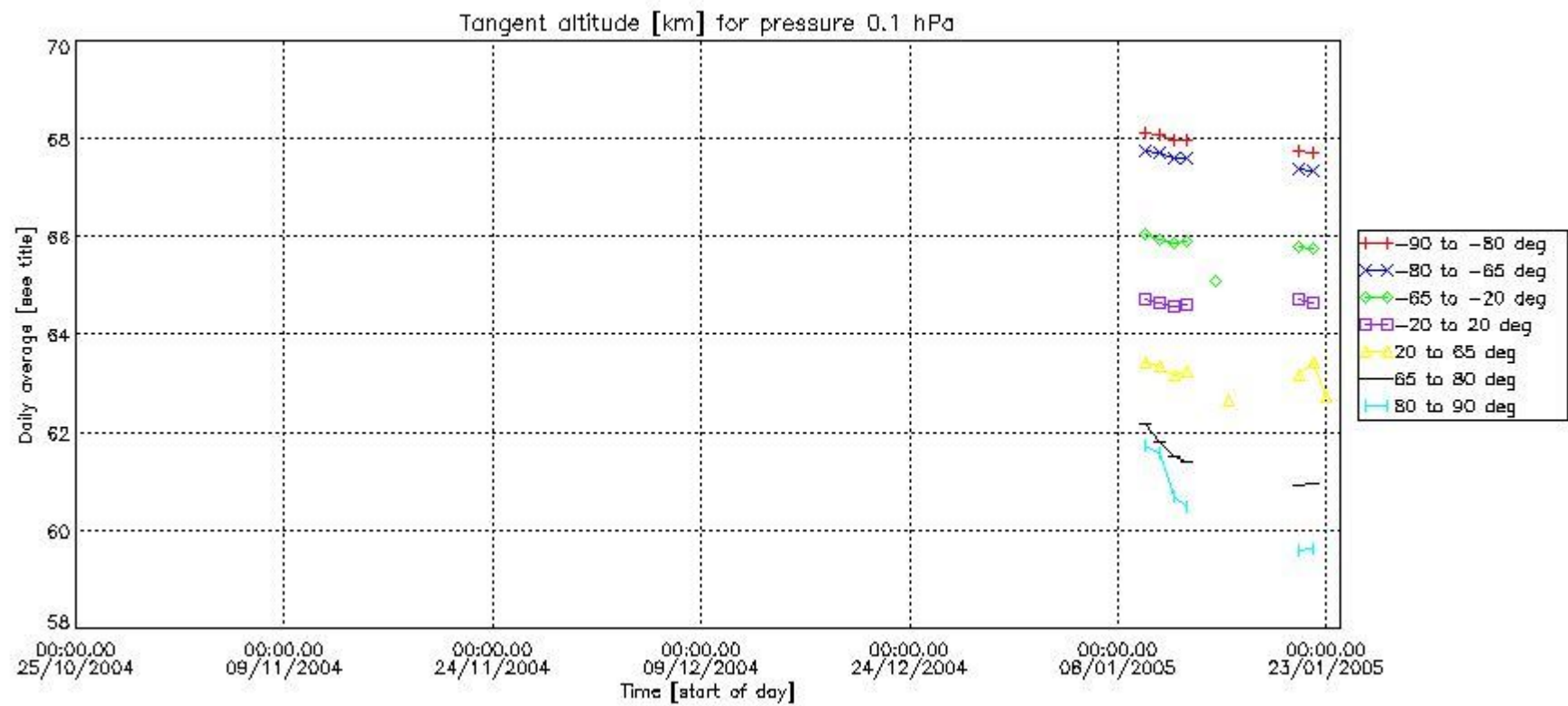


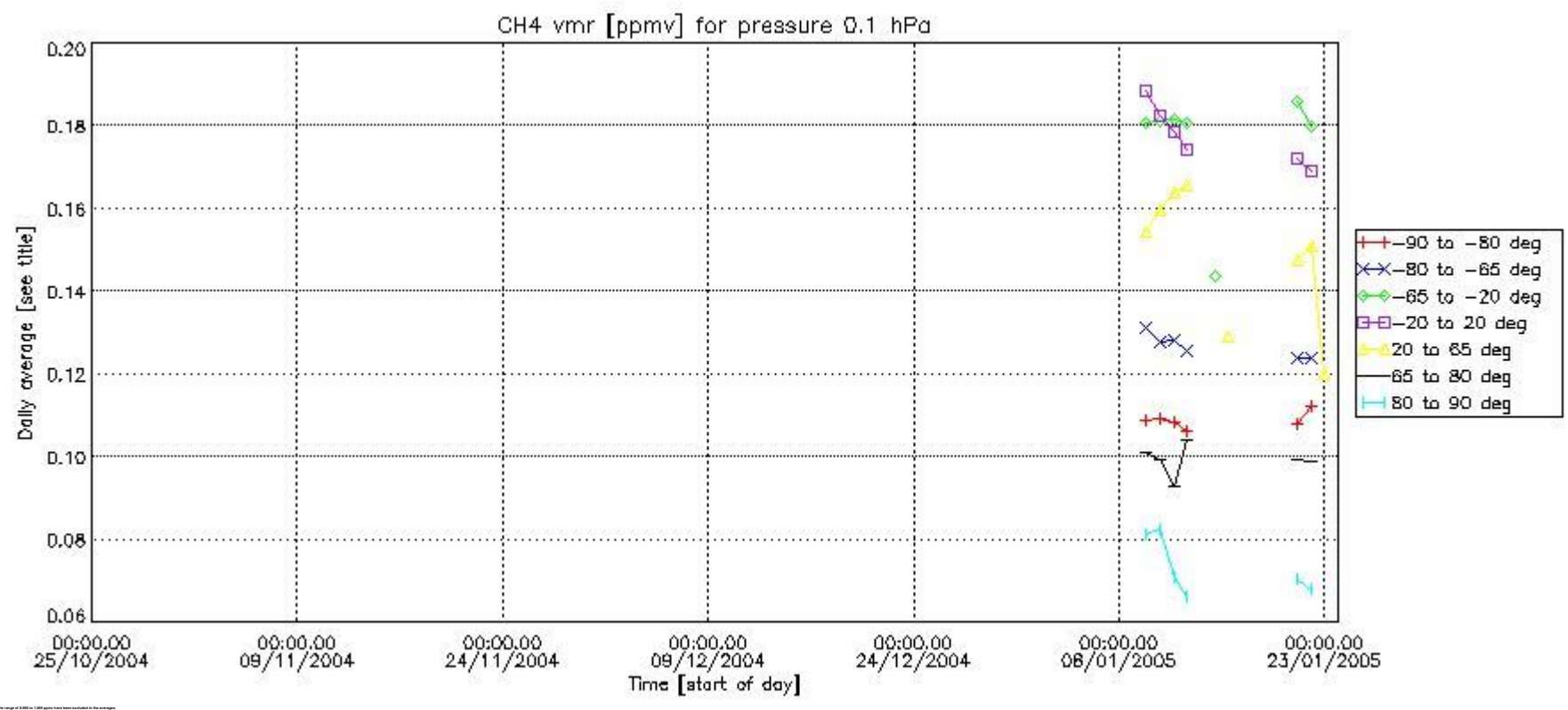
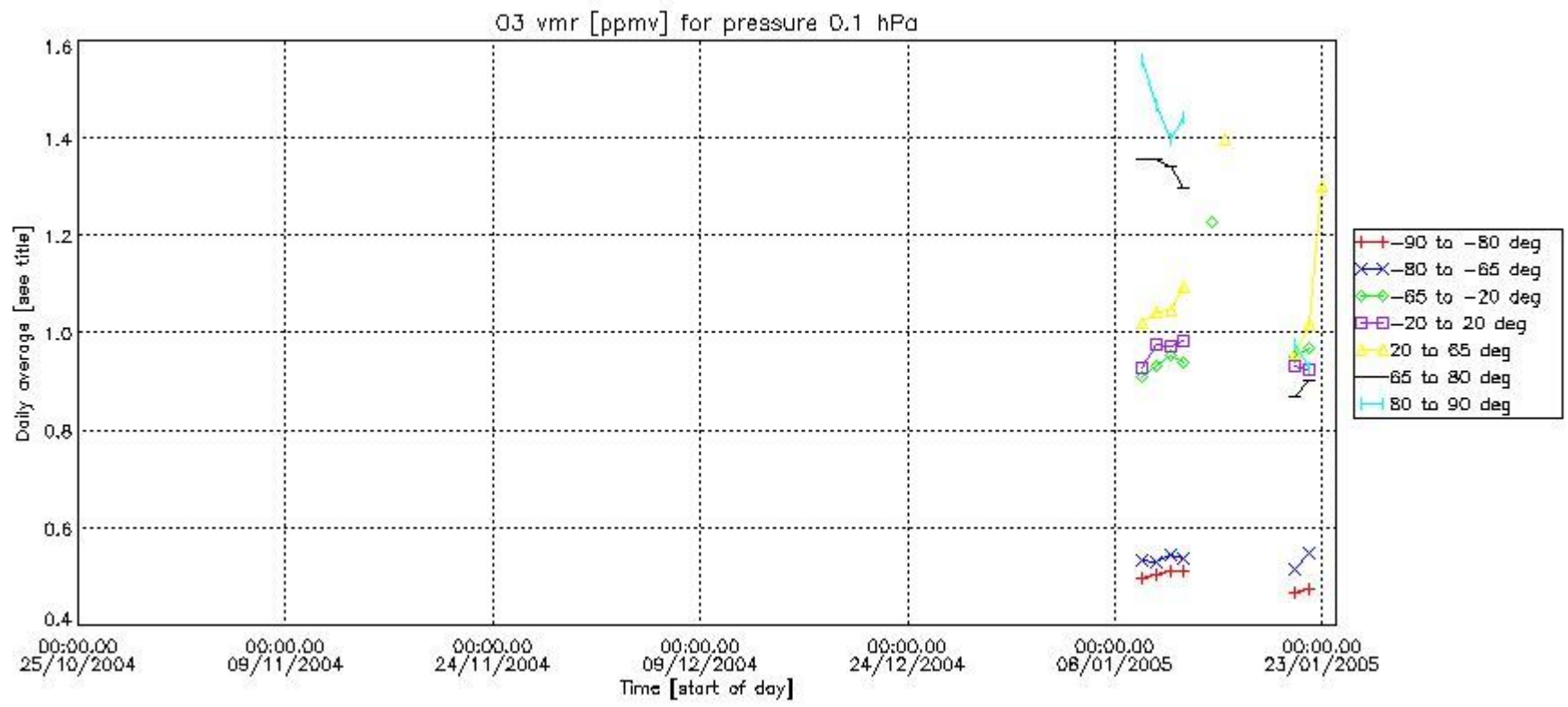


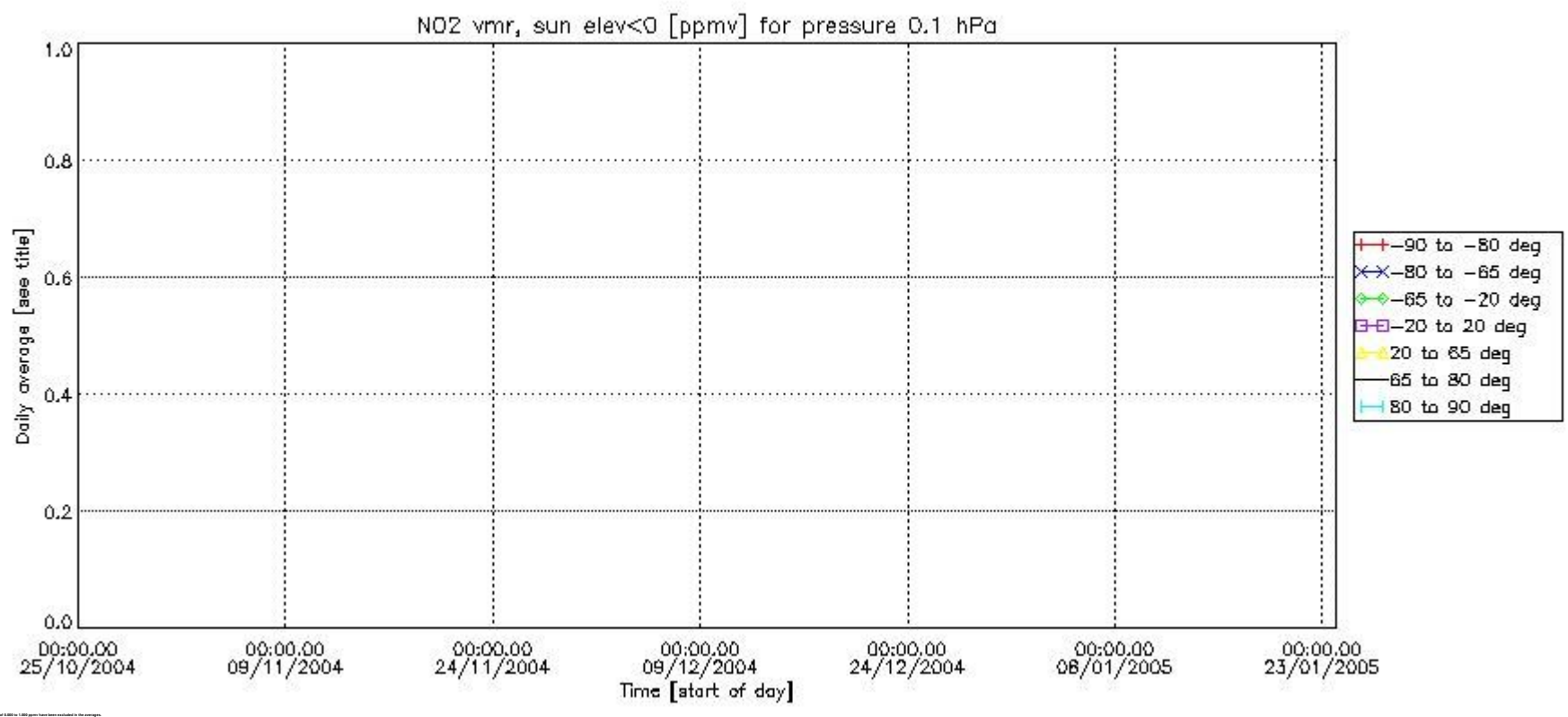
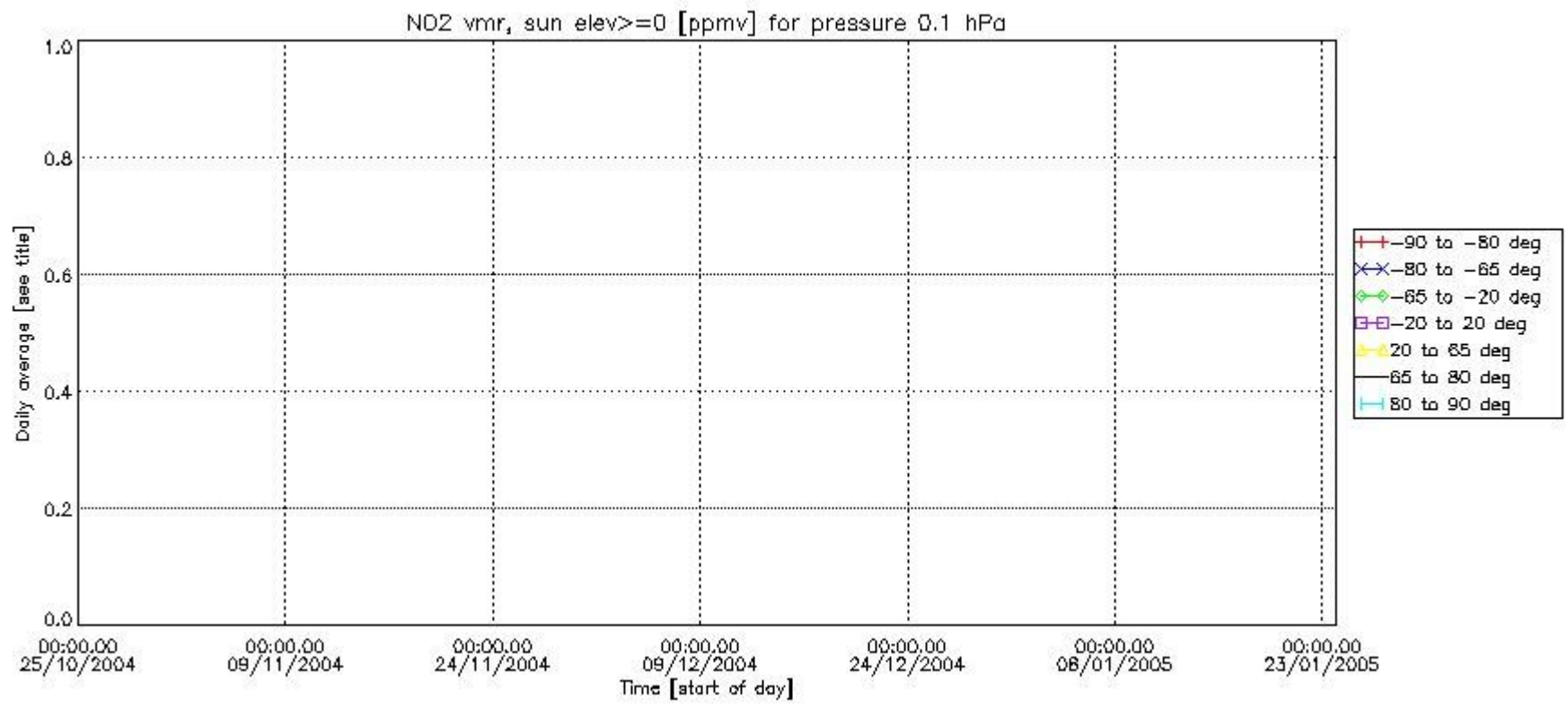


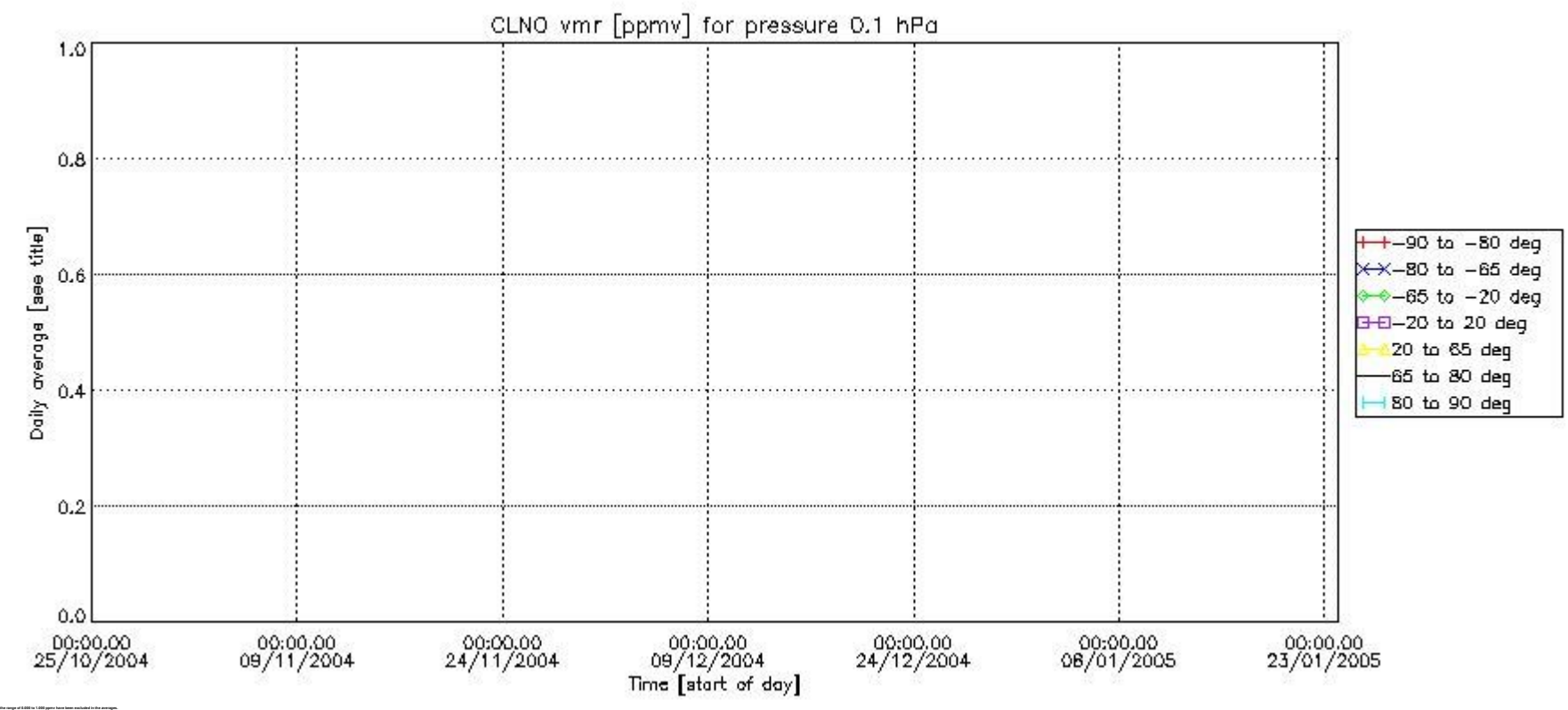
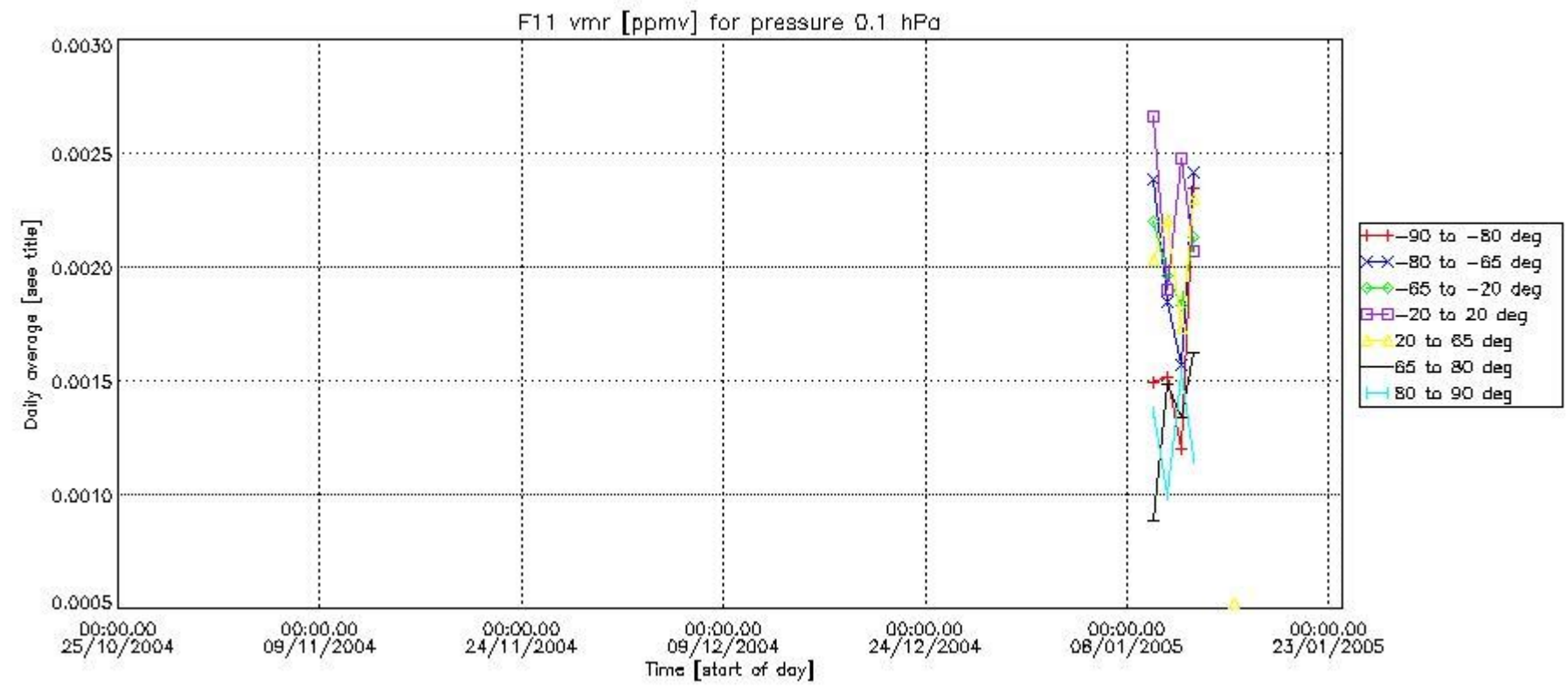


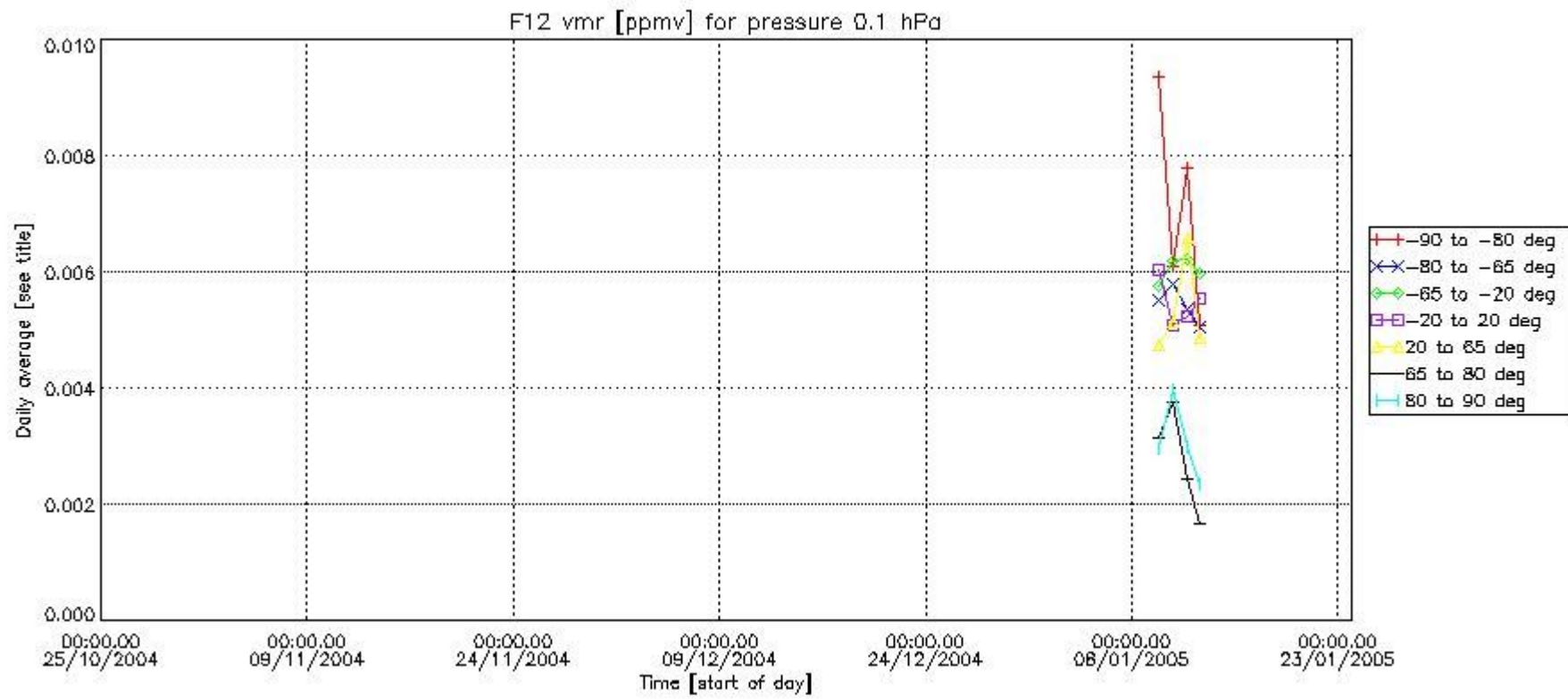
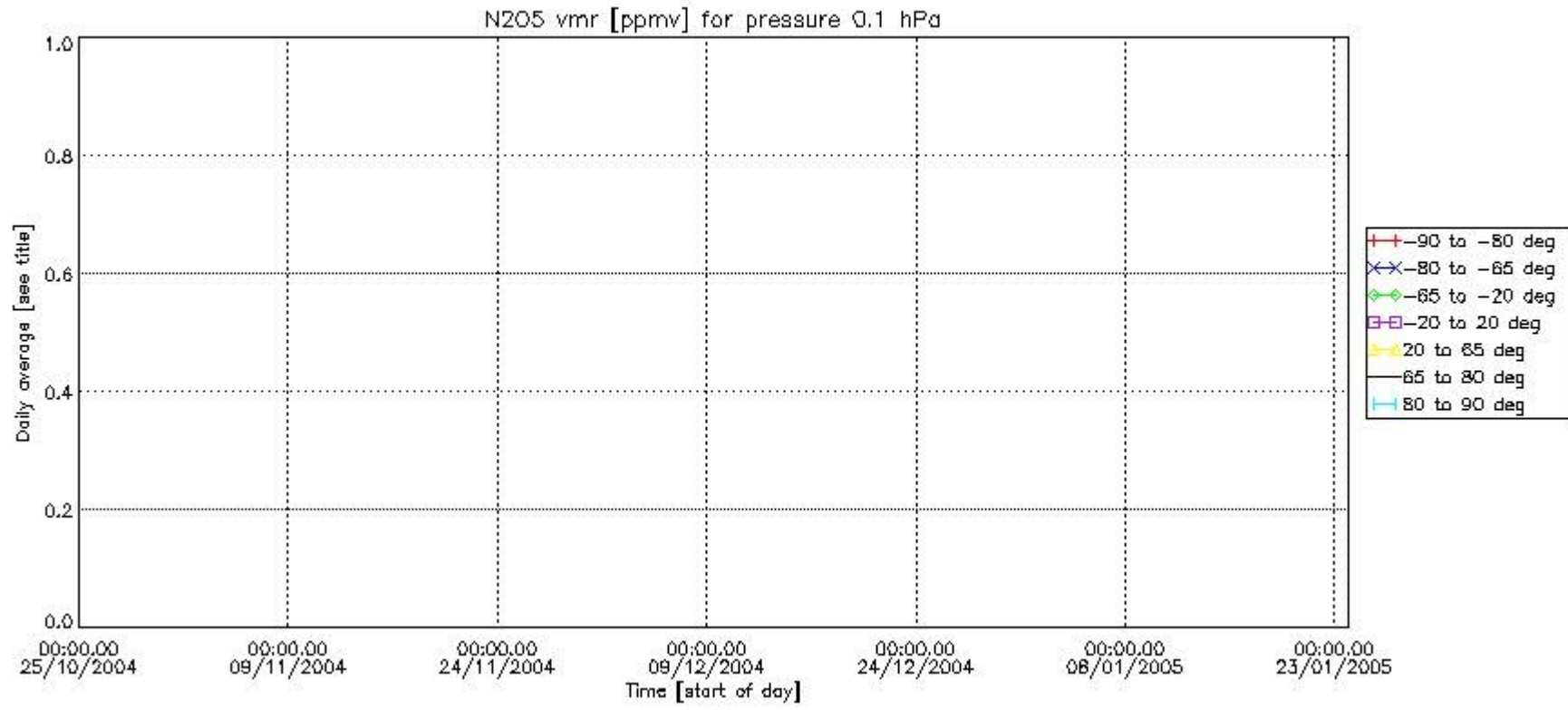


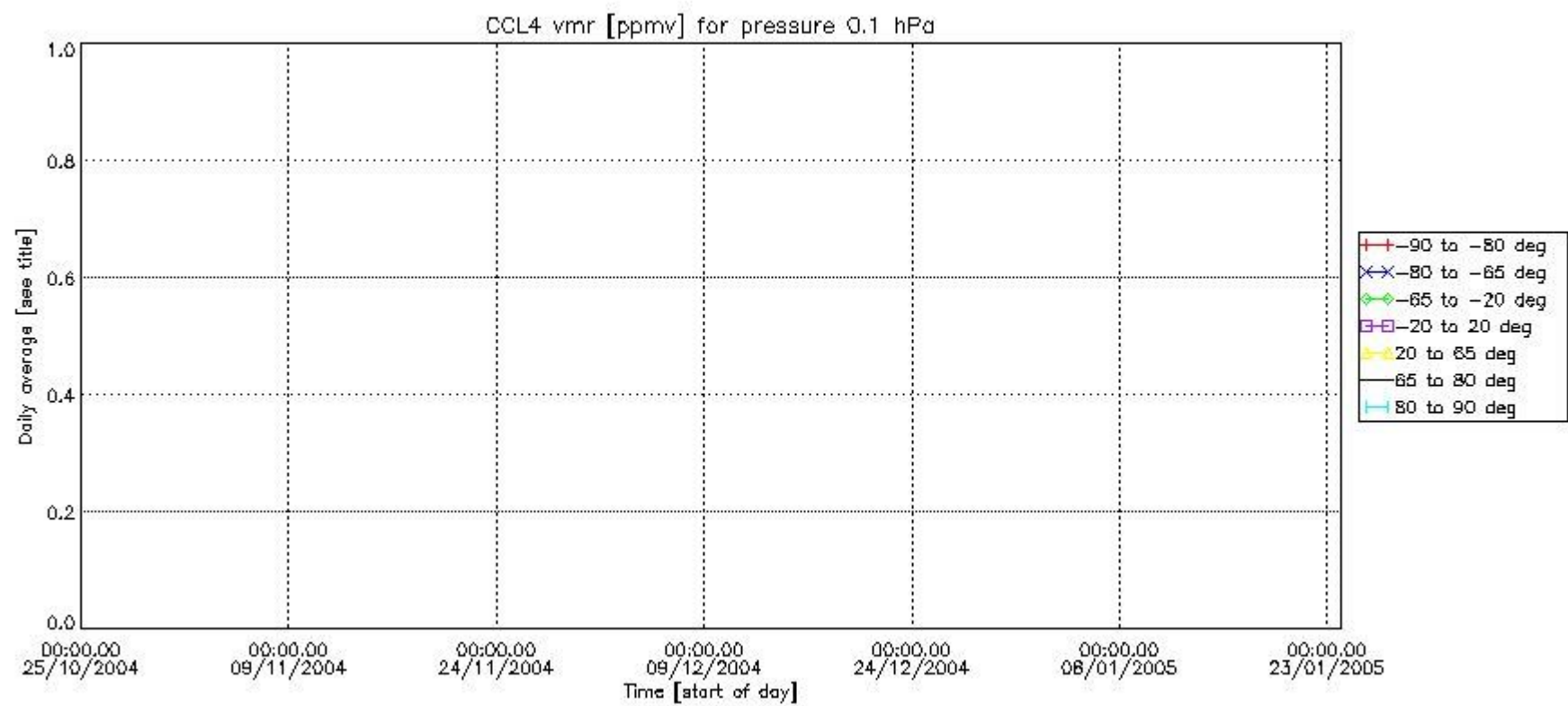
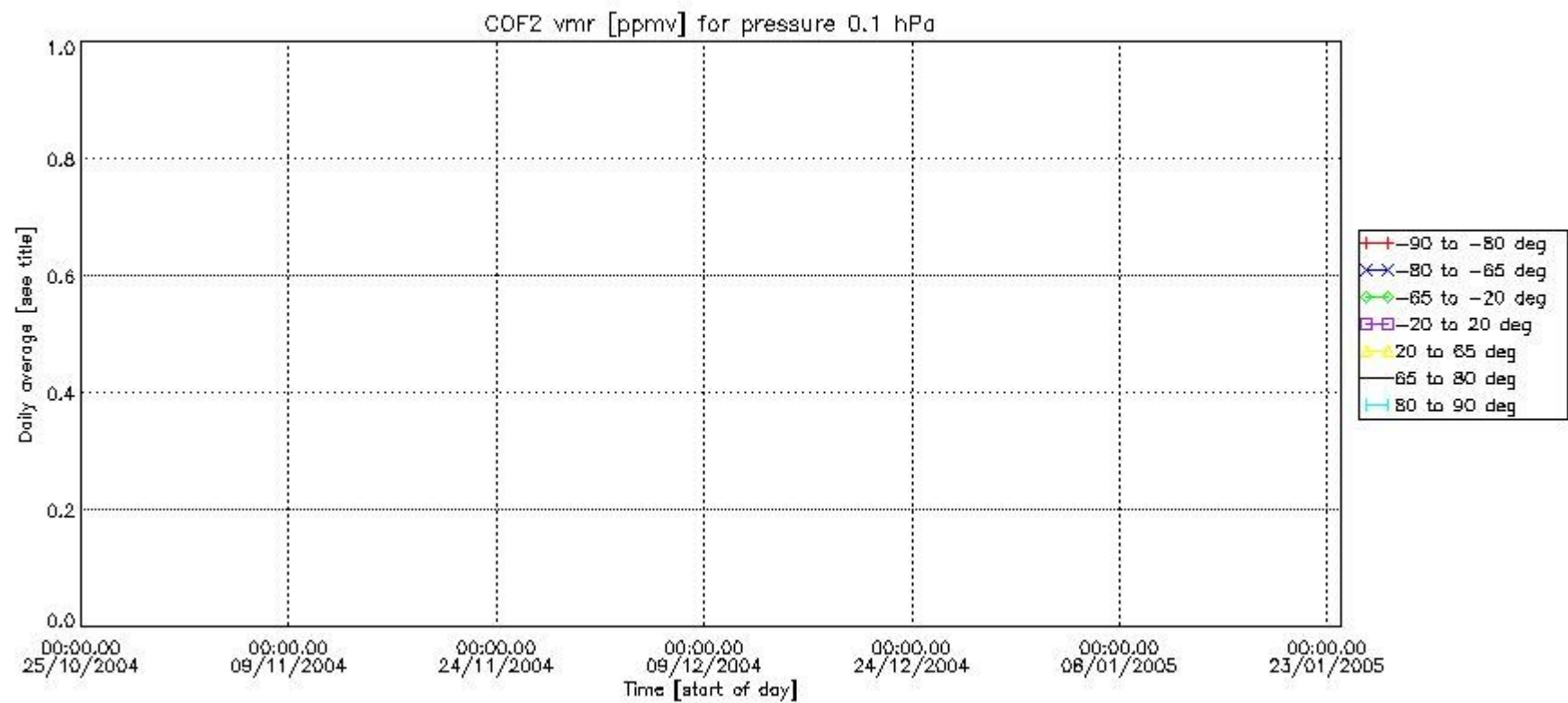


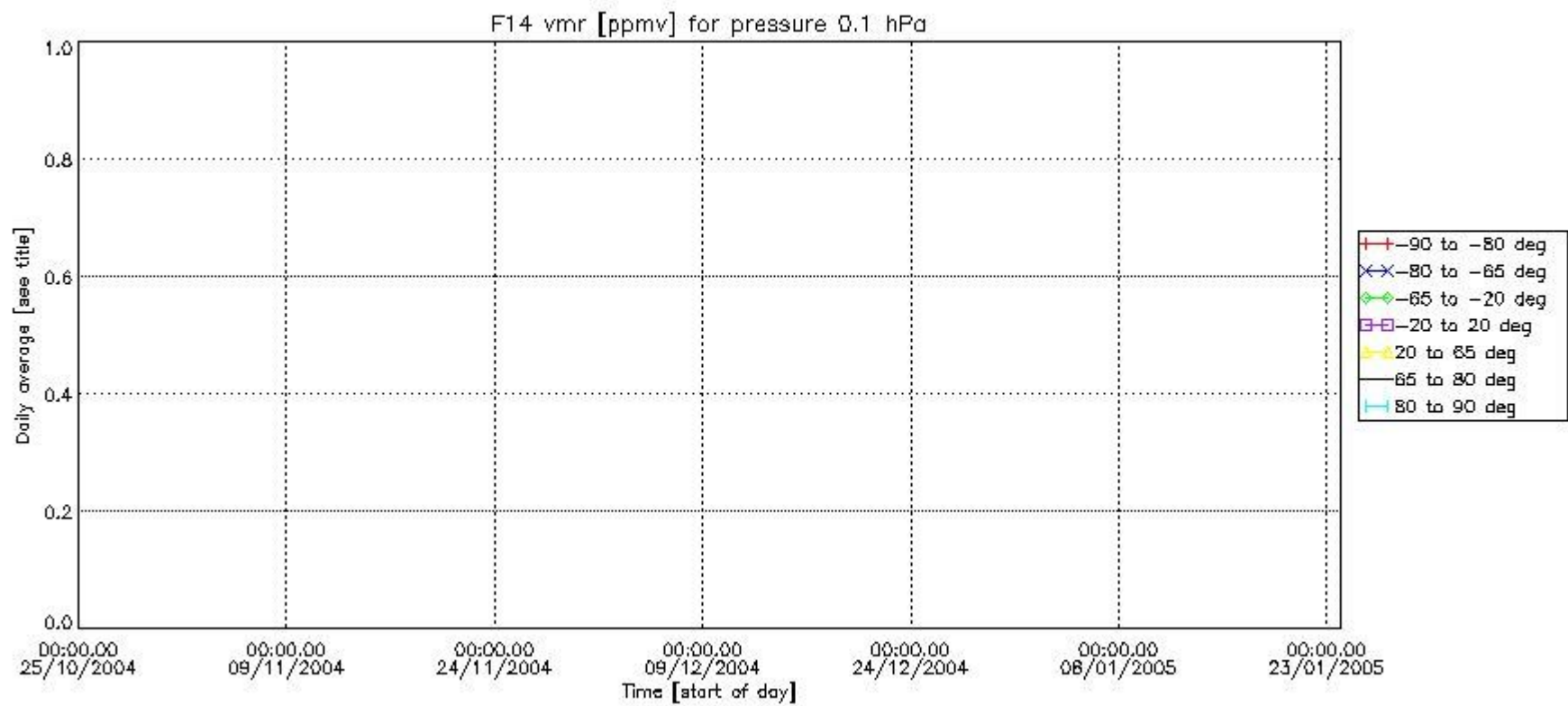
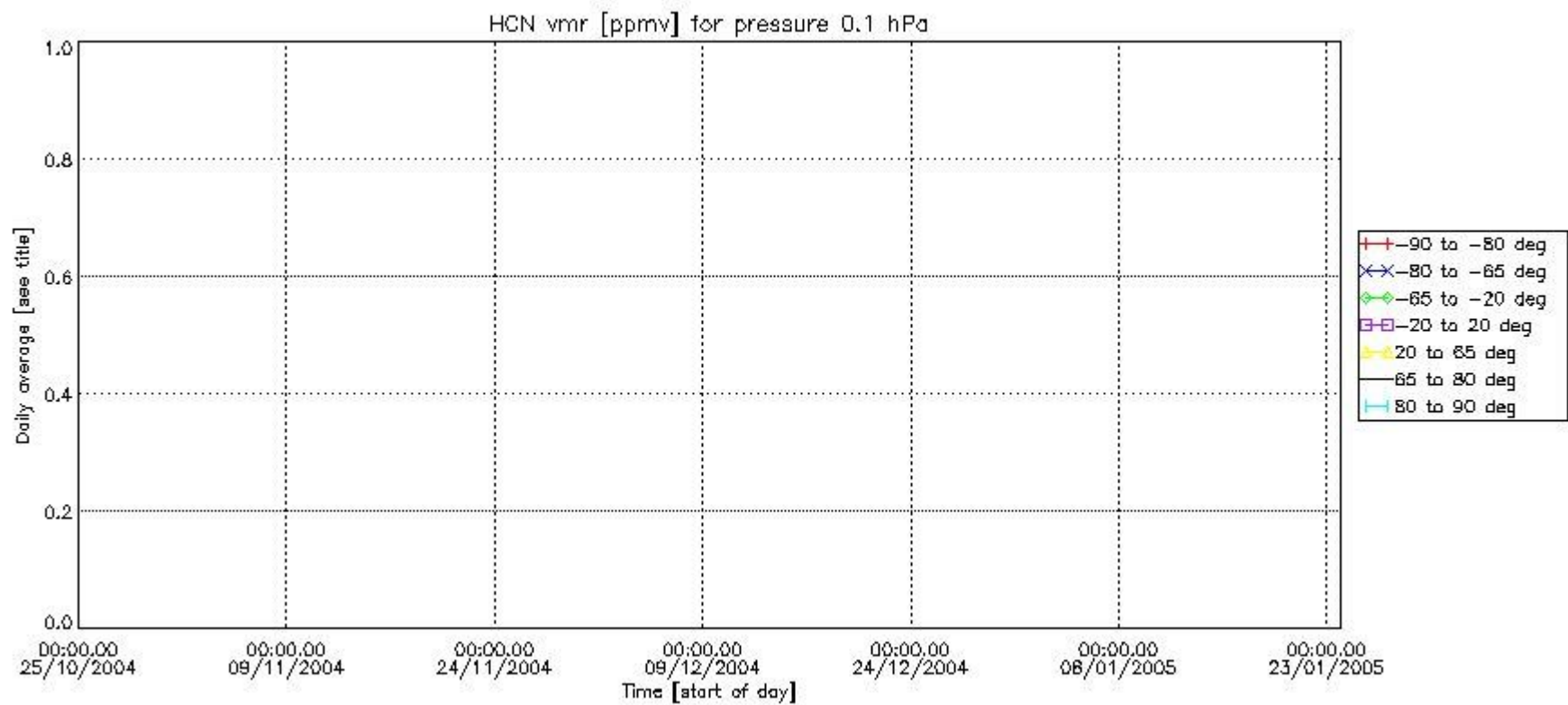


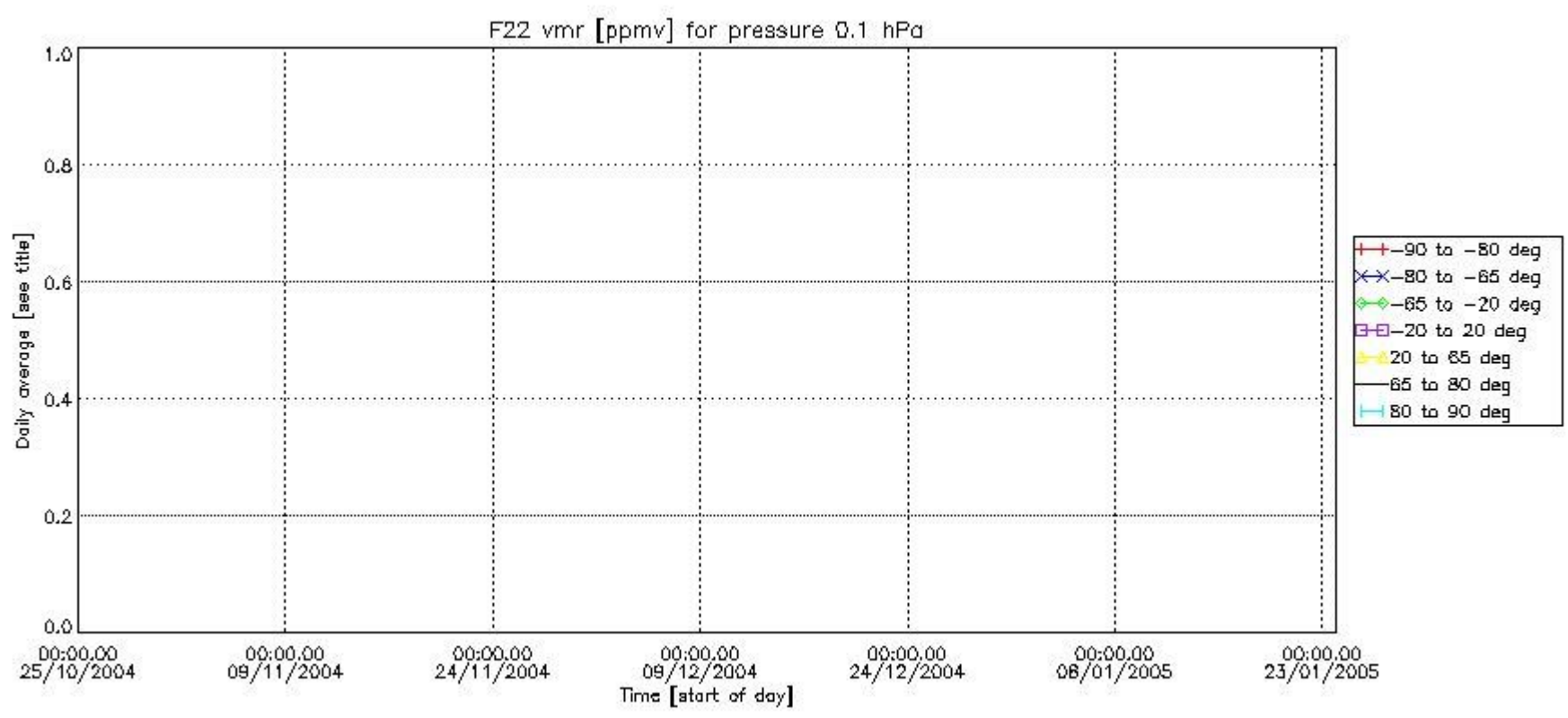












Number of successful retrievals vs. geolocation (*=day side , triangle=night side).

