

2. MIPAS Daily Report for level 2 products summary report

(See [mipas_daily_report_level2_ML2PP_7_03_W_20060505.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	26APR2016 15:52:30
Data source version	ML2PP/7.03-W
Processing scope for products	05MAY2006 00:00:00 to 06MAY2006 00:00:00
Start time of first product within scope	05MAY2006 04:40:49
Stop time of last product within scope	05MAY2006 23:08:22
Total number of level 2 products	6
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__2PWDSI20060505_044049_000040312047_00248_21845_1000.N1	05MAY2006 04:40:49	05MAY2006 05:48:00	0	85/85	VMR_TERM_MACRO_MICRO[HCN/macro:1; CCL4/micro:1]
1	MIP_NL__2PWDSI20060505_054851_000060302047_00249_21846_1000.N1	05MAY2006 05:48:51	05MAY2006 07:29:20	0	128/128	VMR_TERM_MACRO_MICRO[HCN/macro:1; F14/macro:2; HCN/micro:1]
2	MIP_NL__2PWDSI20060505_072927_000060302047_00250_21847_1000.N1	05MAY2006 07:29:27	05MAY2006 09:09:56	0	110/110	VMR_TERM_MACRO_MICRO[F14/macro:1; HCN/micro:2]
3	MIP_NL__2PWDSI20060505_091003_000020122047_00251_21848_1000.N1	05MAY2006 09:10:03	05MAY2006 09:43:35	0	44/44	VMR_TERM_MACRO_MICRO[F14/macro:2]
4	MIP_NL__2PWDSI20060505_210837_000051232047_00258_21855_1000.N1	05MAY2006 21:08:37	05MAY2006 22:34:00	0	108/108	VMR_TERM_MACRO_MICRO[HCN/macro:1; HCN/micro:2]
5	MIP_NL__2PWDSI20060505_223450_000020122047_00259_21856_1000.N1	05MAY2006 22:34:50	05MAY2006 23:08:22	0	44/44	VMR_TERM_MACRO_MICRO[F14/macro:1]

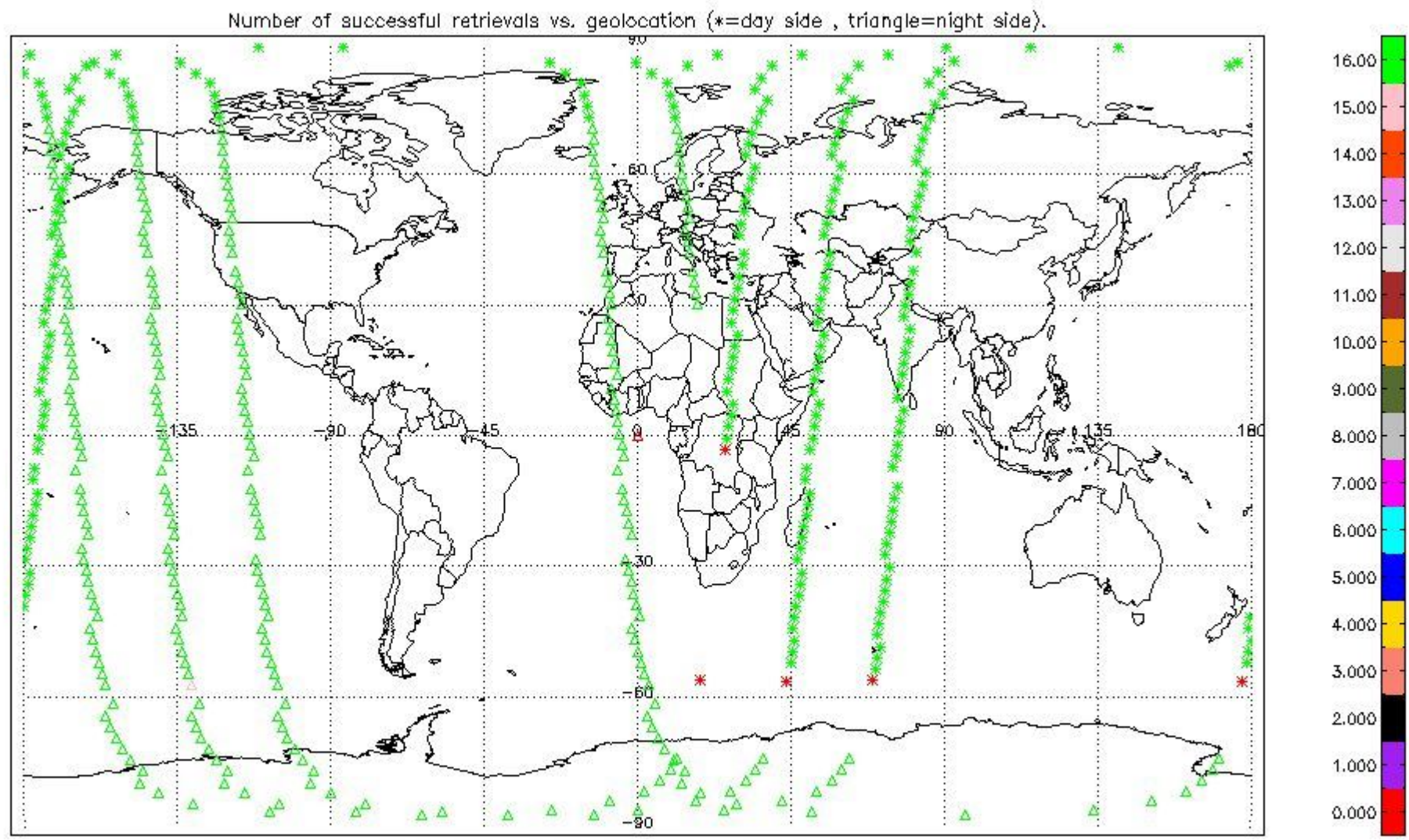
2.2 Processing performance indicators

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.

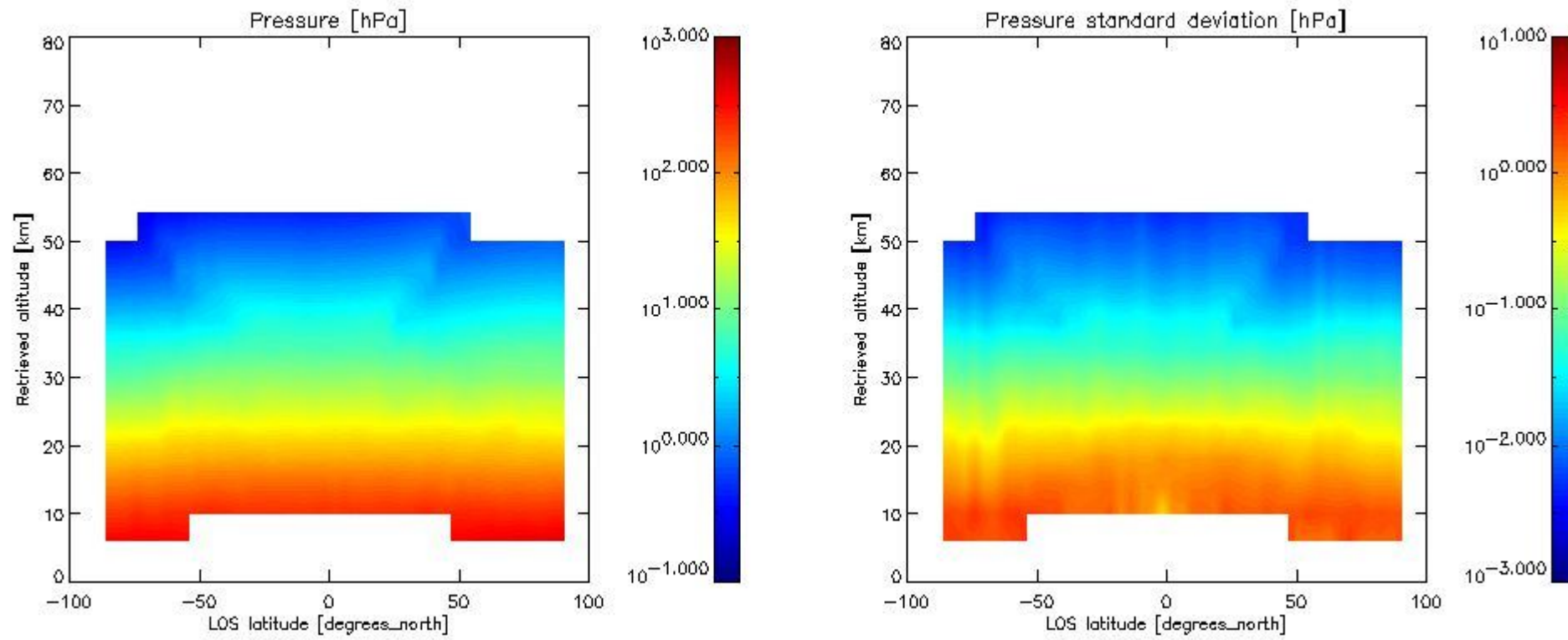
RETRIEVAL MDS	# scans processed	# Successful retrievals	%
PT	519	510	98.266
H2O	519	510	98.266
O3	519	510	98.266
HNO3	519	510	98.266

CH4	519	510	98.266
N2O	519	510	98.266
NO2	519	510	98.266
F11	519	510	98.266
CLNO	519	510	98.266
N2O5	519	510	98.266
F12	519	509	98.073
COF2	519	510	98.266
CCL4	519	510	98.266
HCN	519	510	98.266
F14	519	510	98.266
F22	519	510	98.266



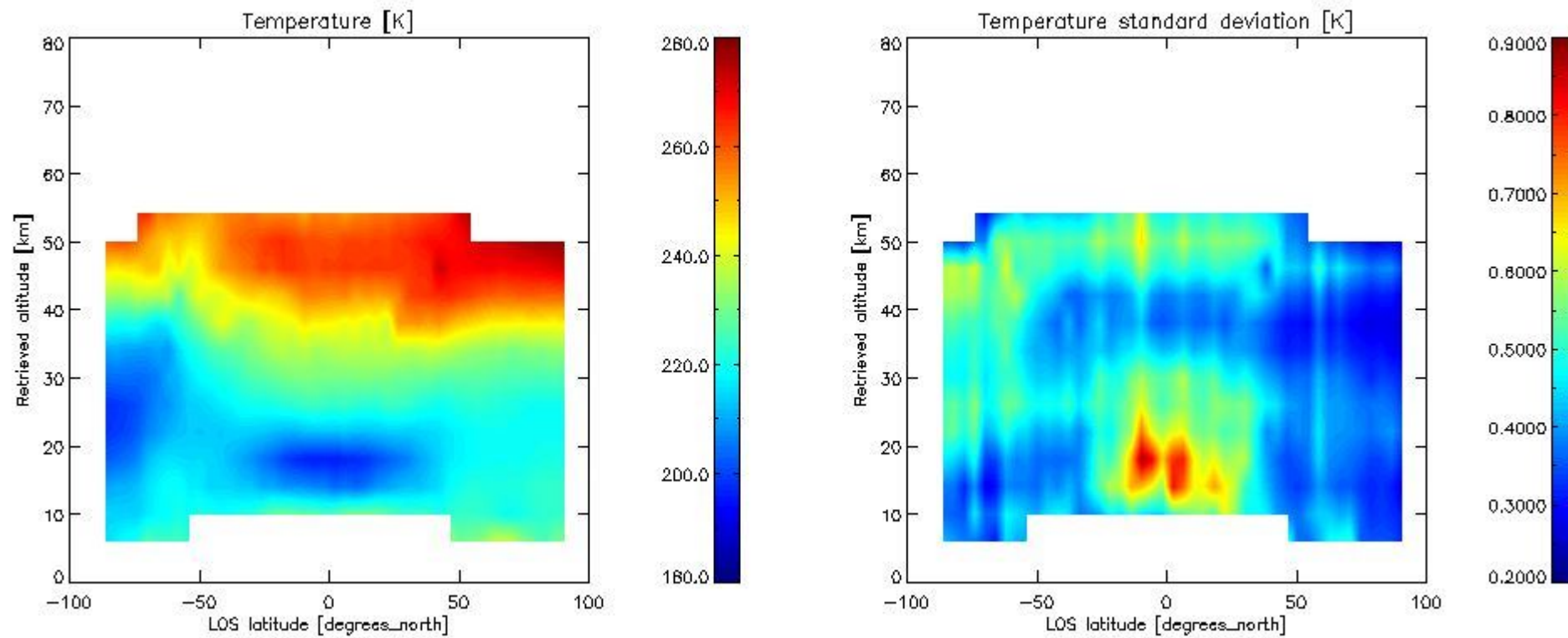
2.2.2 Pressure overview

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



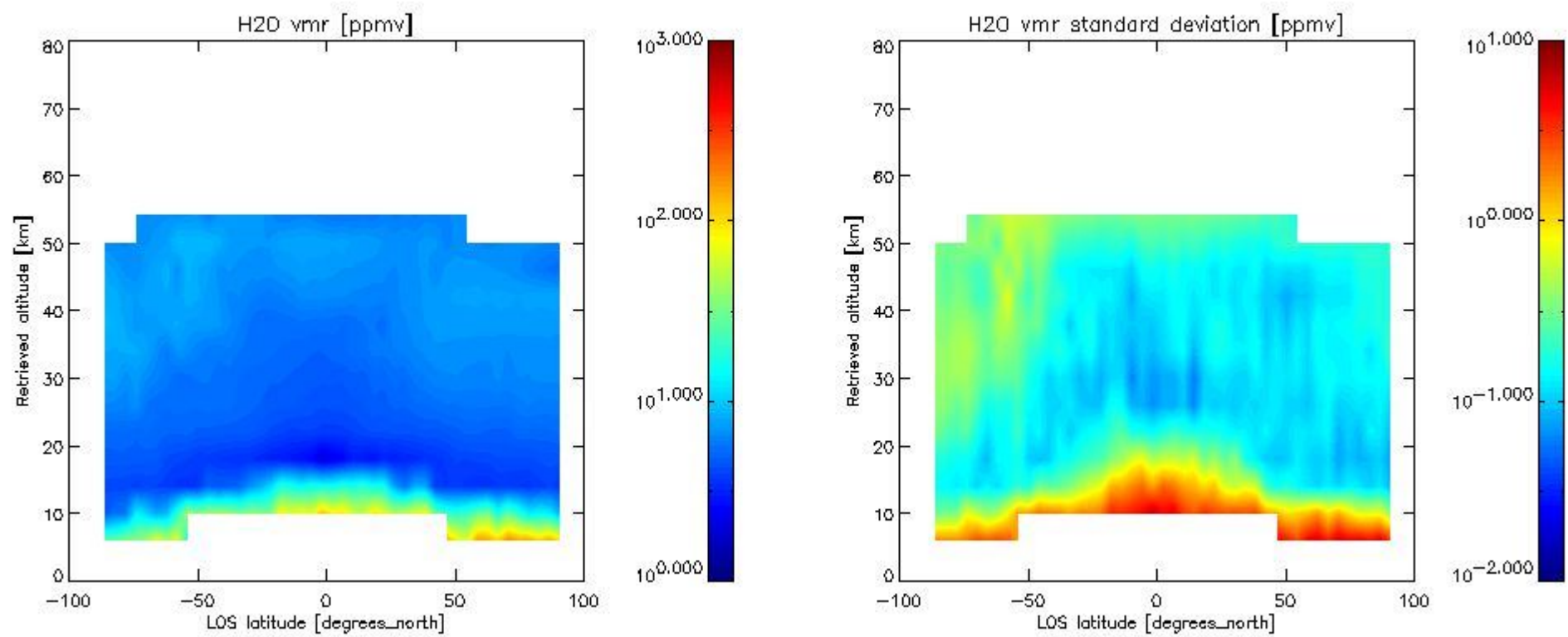
2.2.3 Temperature overview

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

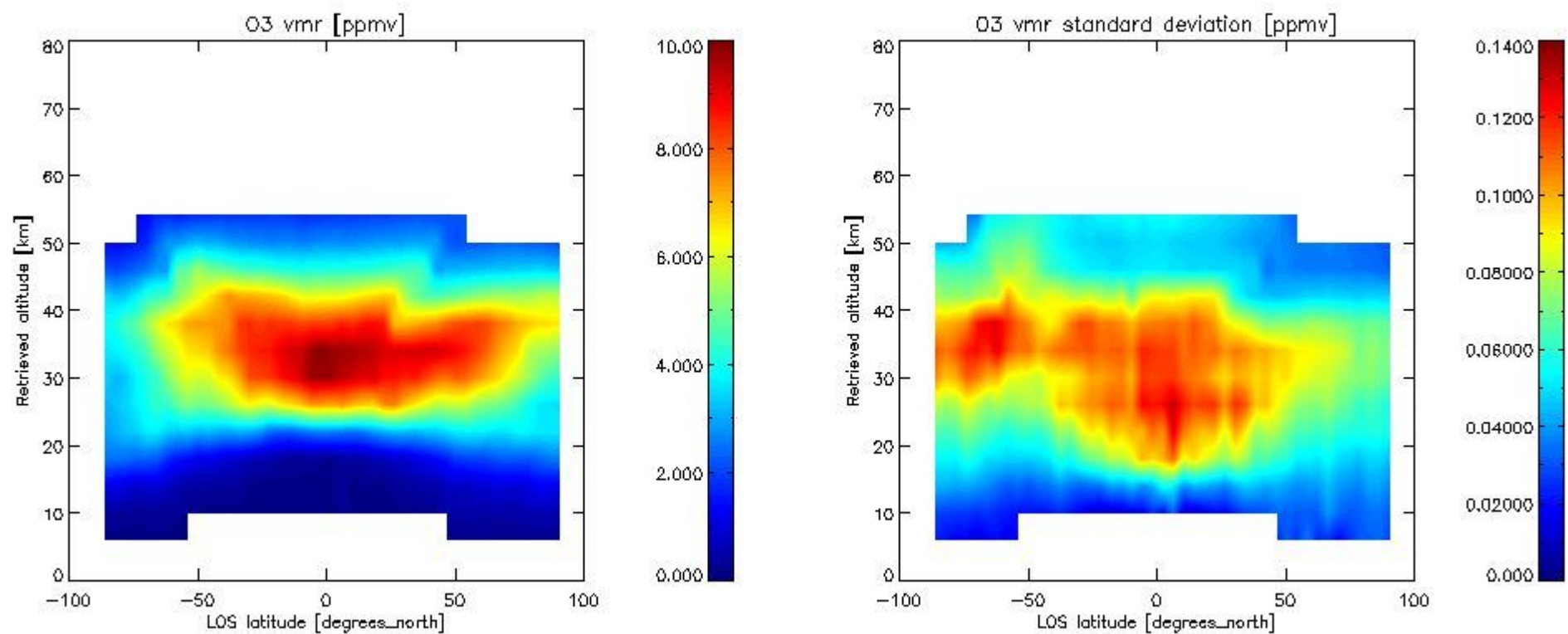


2.2.4 Species overview

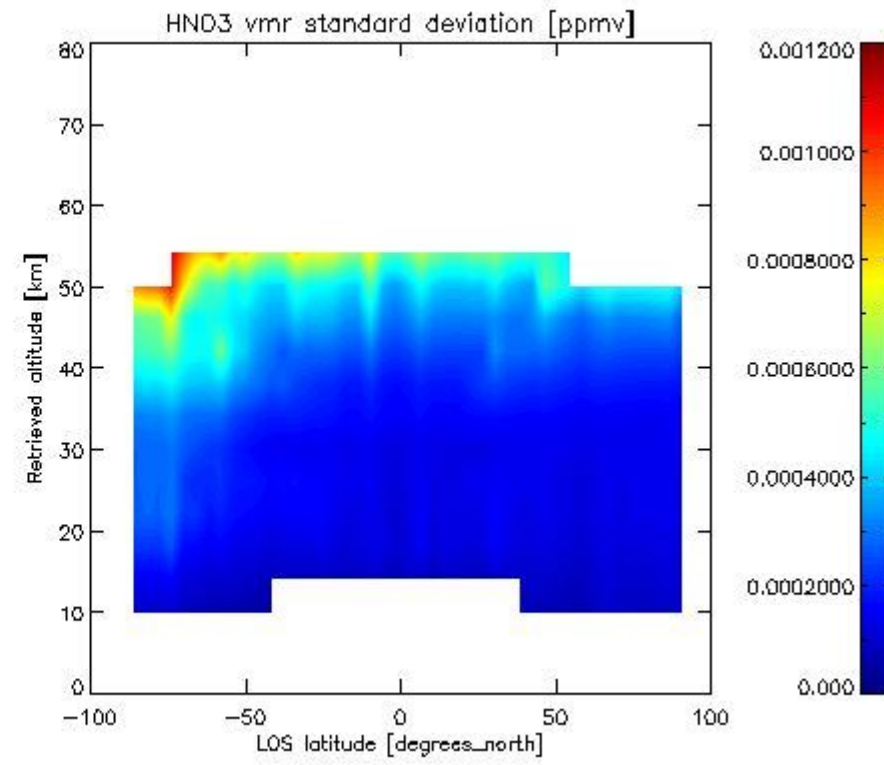
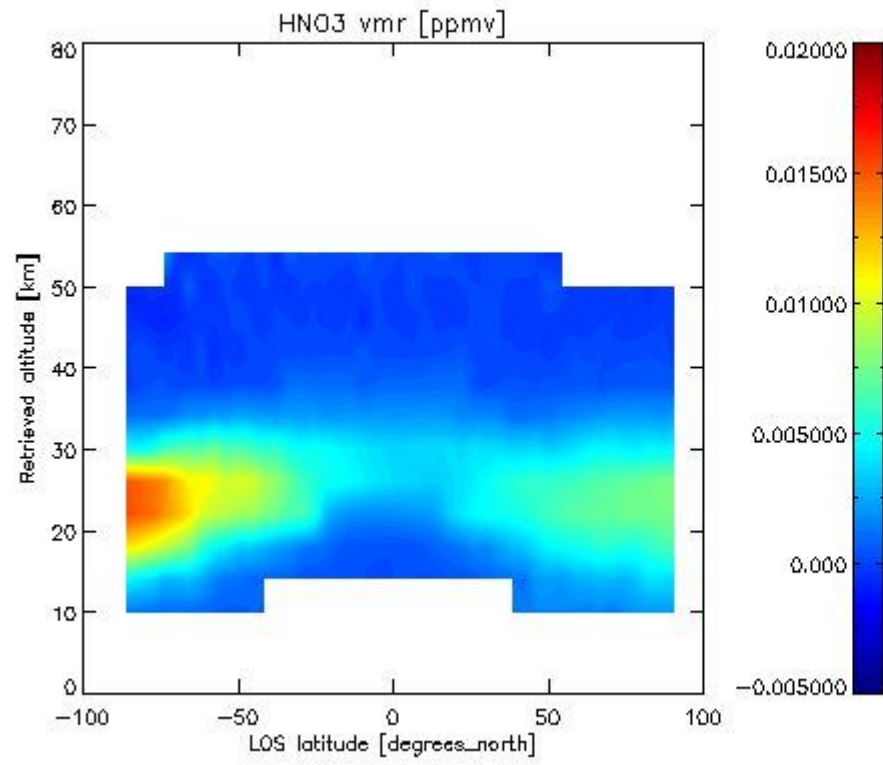
2.2.4.1 H₂O overview This section shows values (left) and error (right) for H₂O after binning individual sweep values over retrieved altitude and tangent latitude.



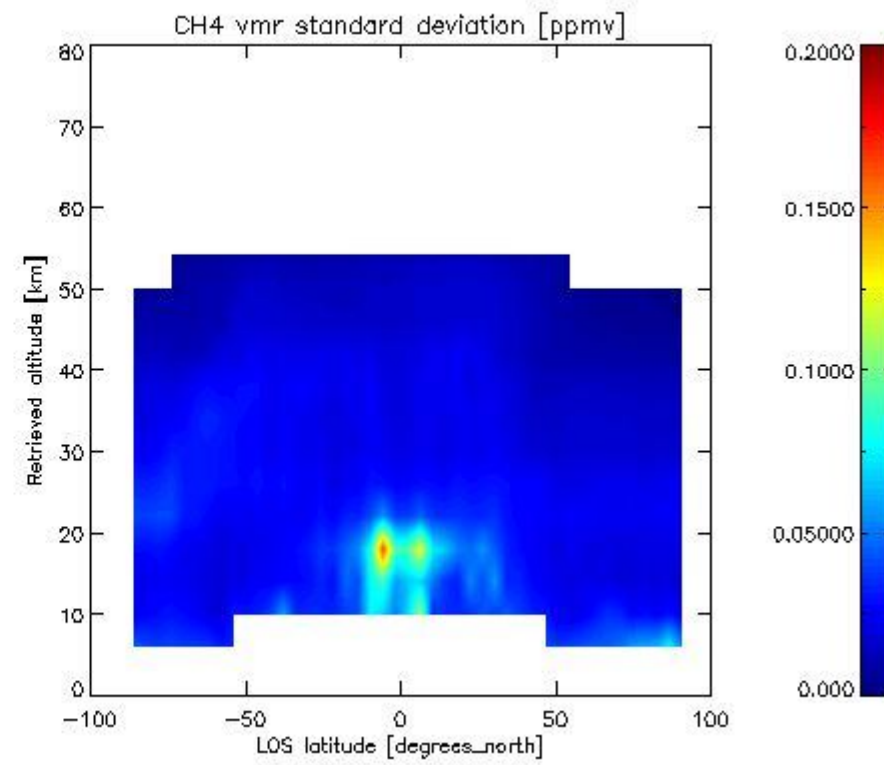
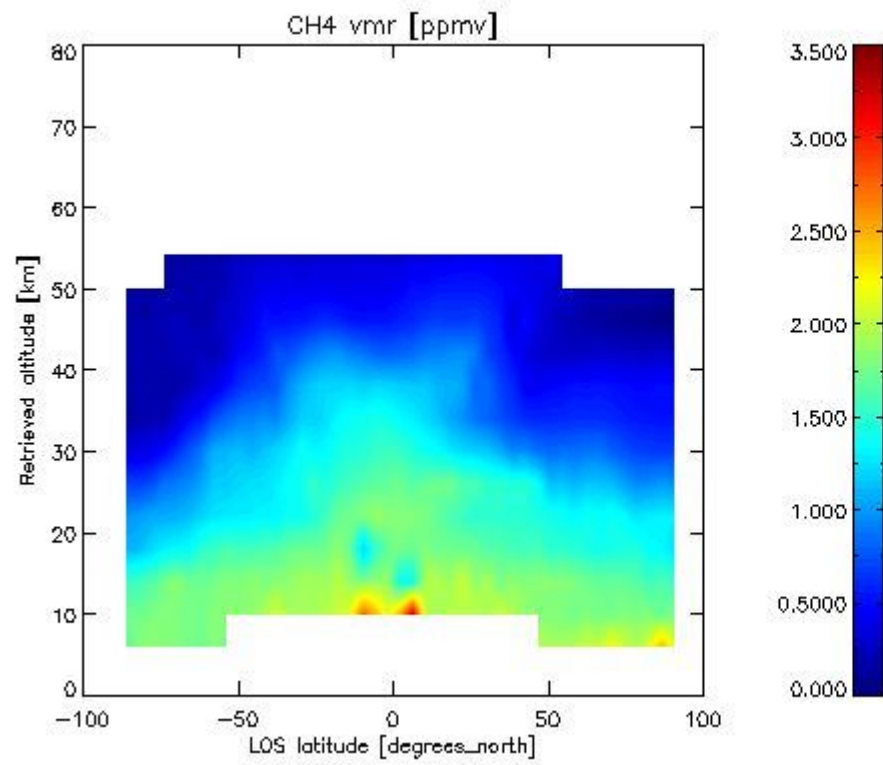
2.2.4.2 O3 overview This section shows values (left) and error (right) for O3 after binning individual sweep values over retrieved altitude and tangent latitude.



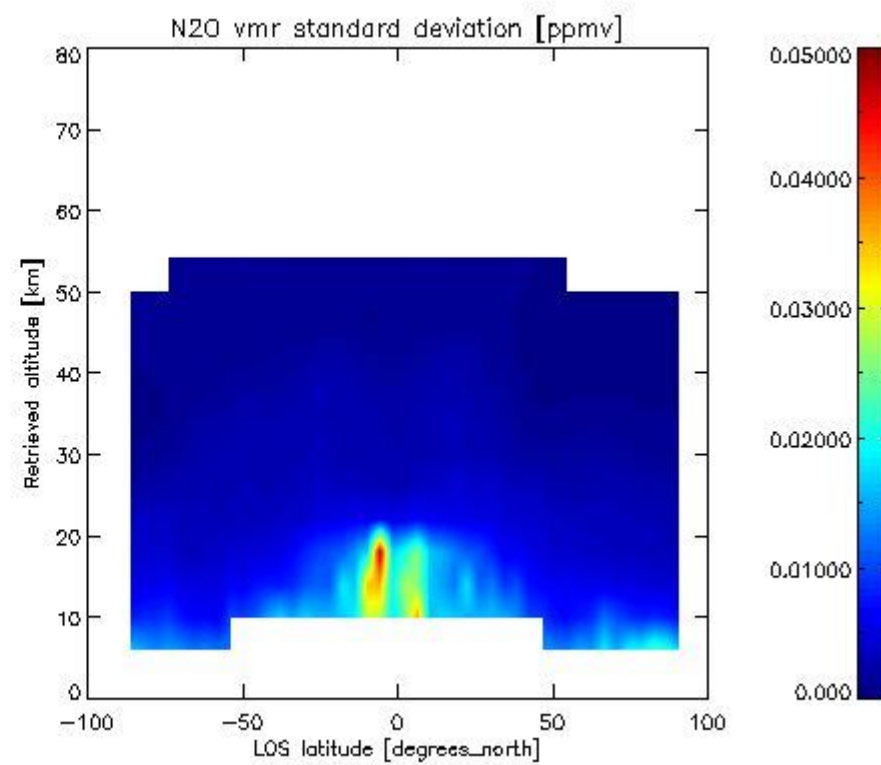
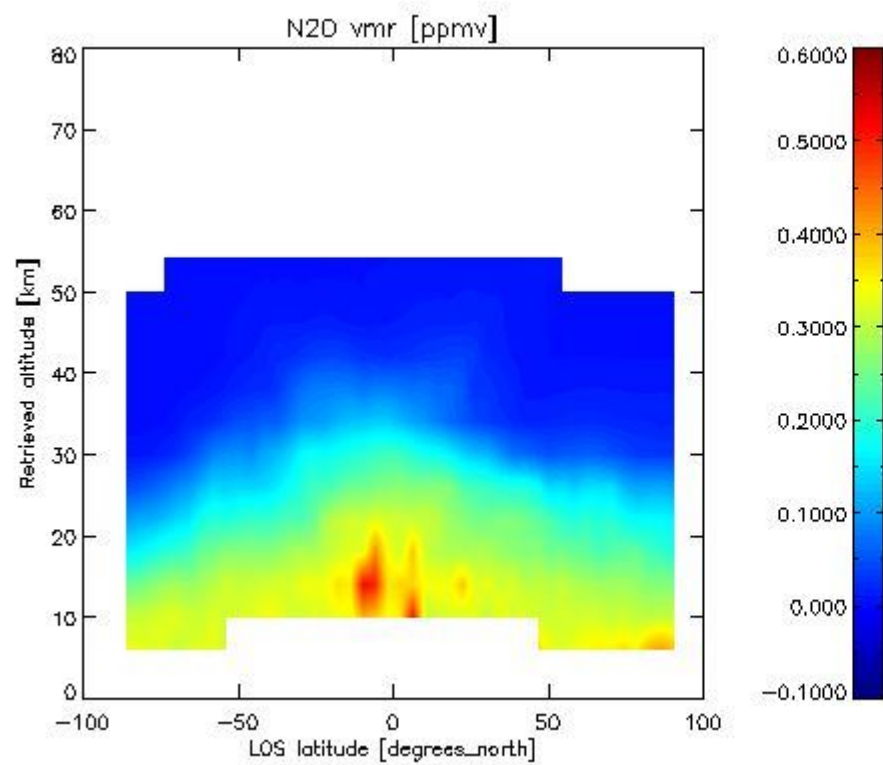
2.2.4.3 HNO3 overview This section shows values (left) and error (right) for HNO3 after binning individual sweep values over retrieved altitude and tangent latitude.



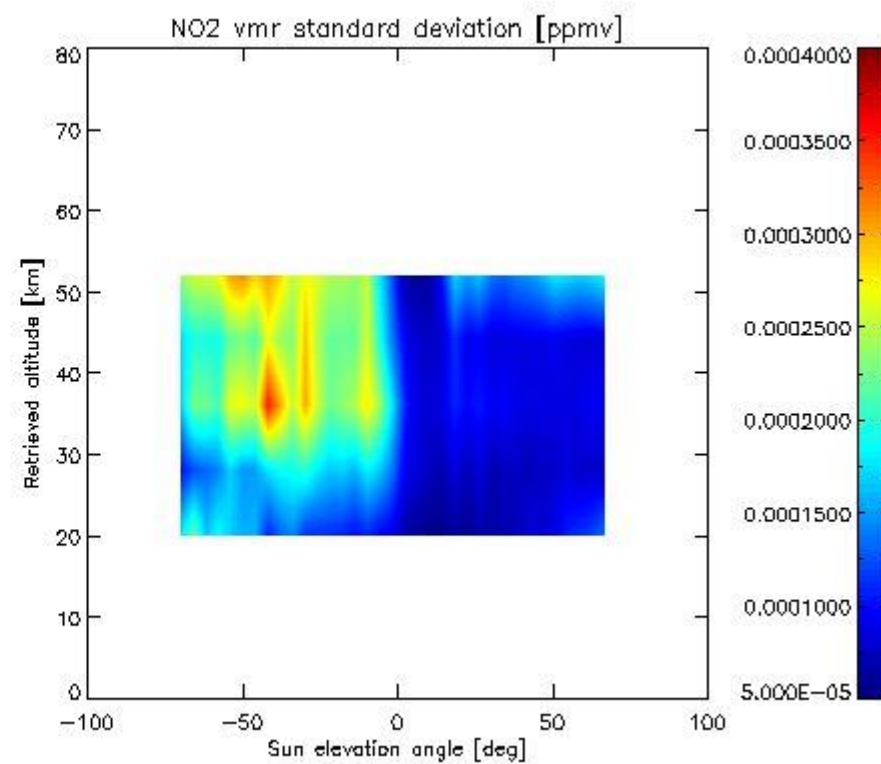
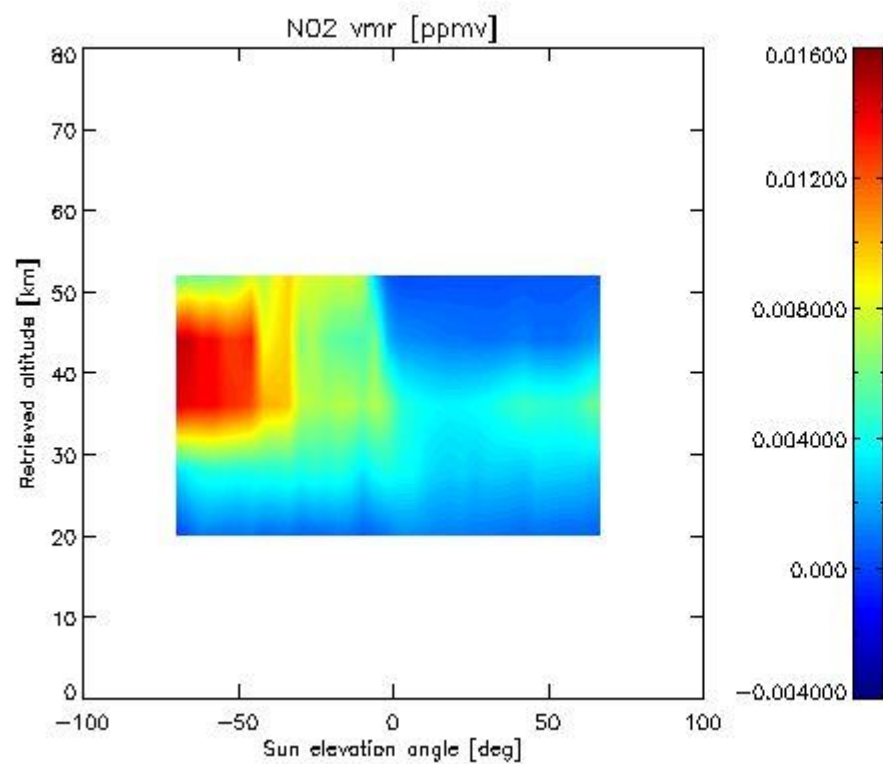
2.2.4.4 CH₄ overview This section shows values (left) and error (right) for CH₄ after binning individual sweep values over retrieved altitude and tangent latitude.



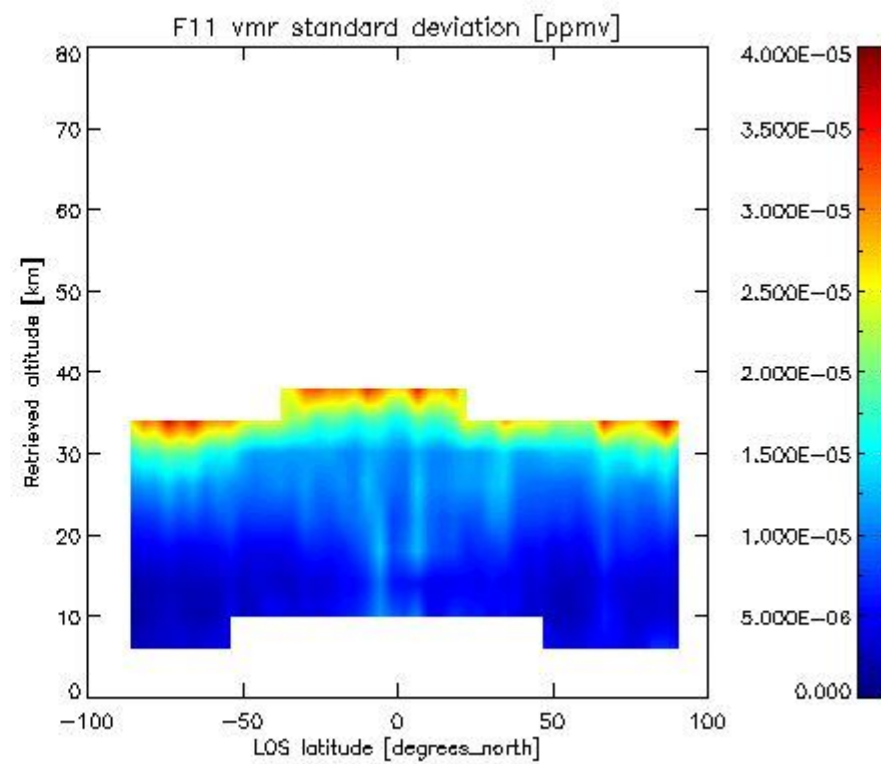
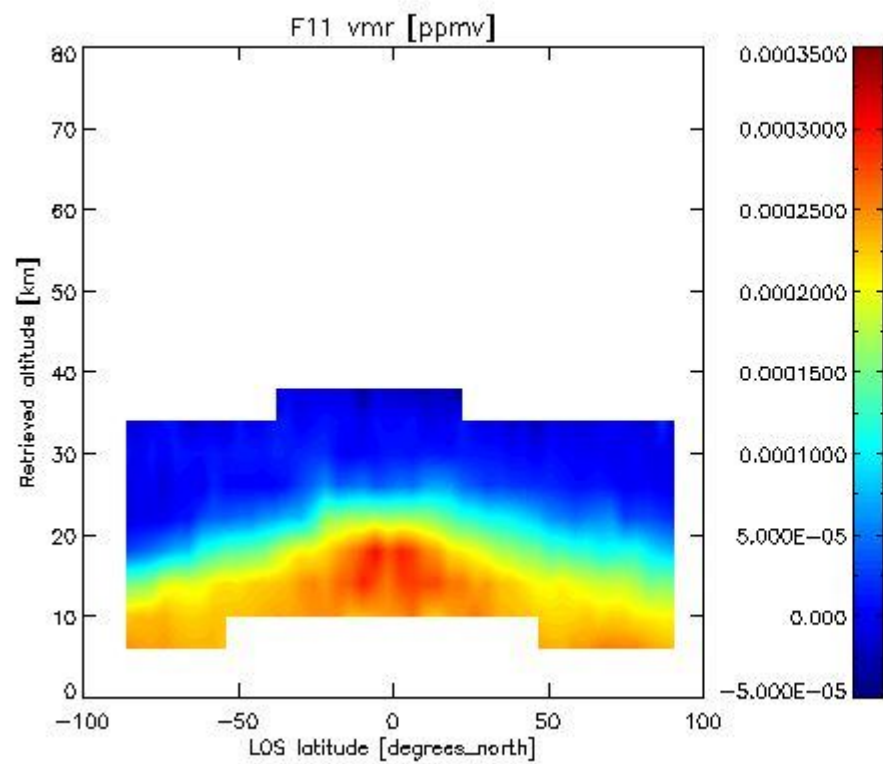
2.2.4.5 N₂O overview This section shows values (left) and error (right) for N₂O after binning individual sweep values over retrieved altitude and tangent latitude.



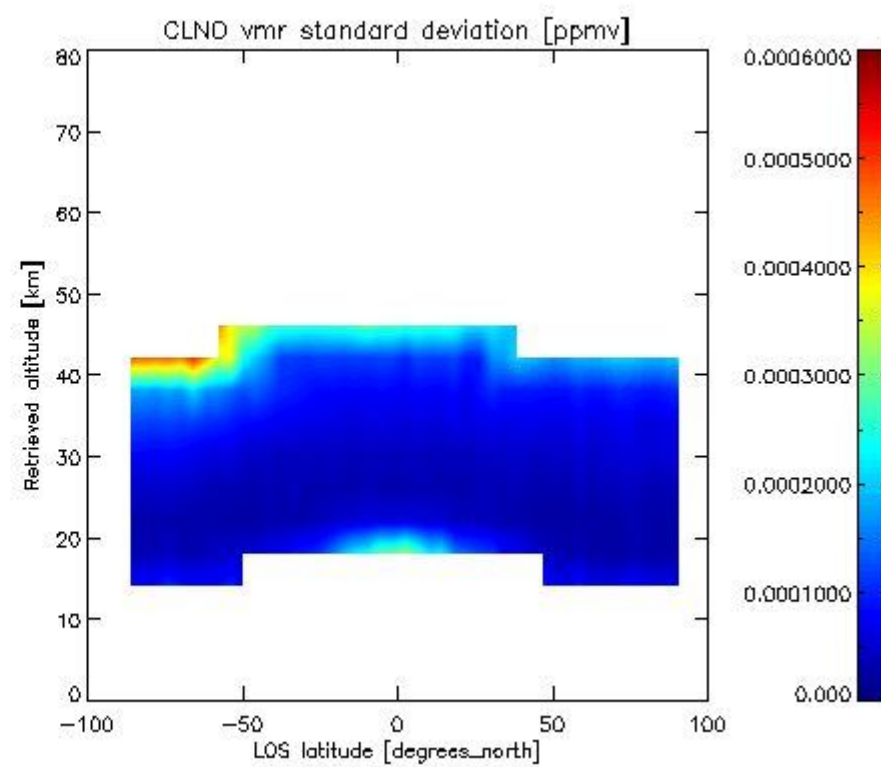
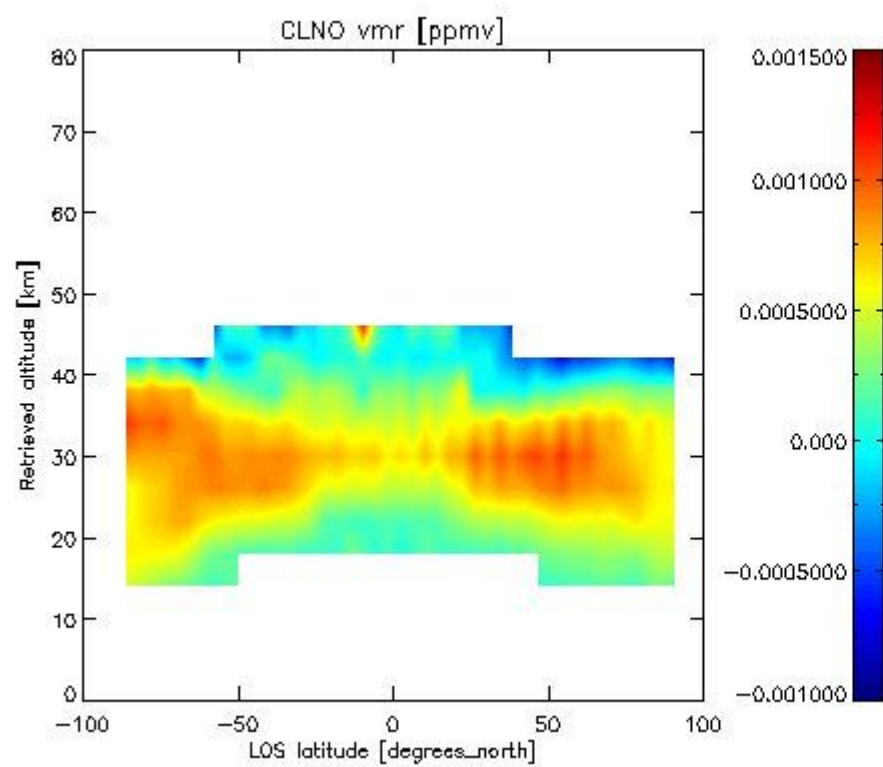
2.2.4.6 NO₂ overview This section shows values (left) and error (right) for NO₂ after binning individual sweep values over retrieved altitude and Sun Elevation Angle. Note that for NO₂ the bin heights are 8 km.

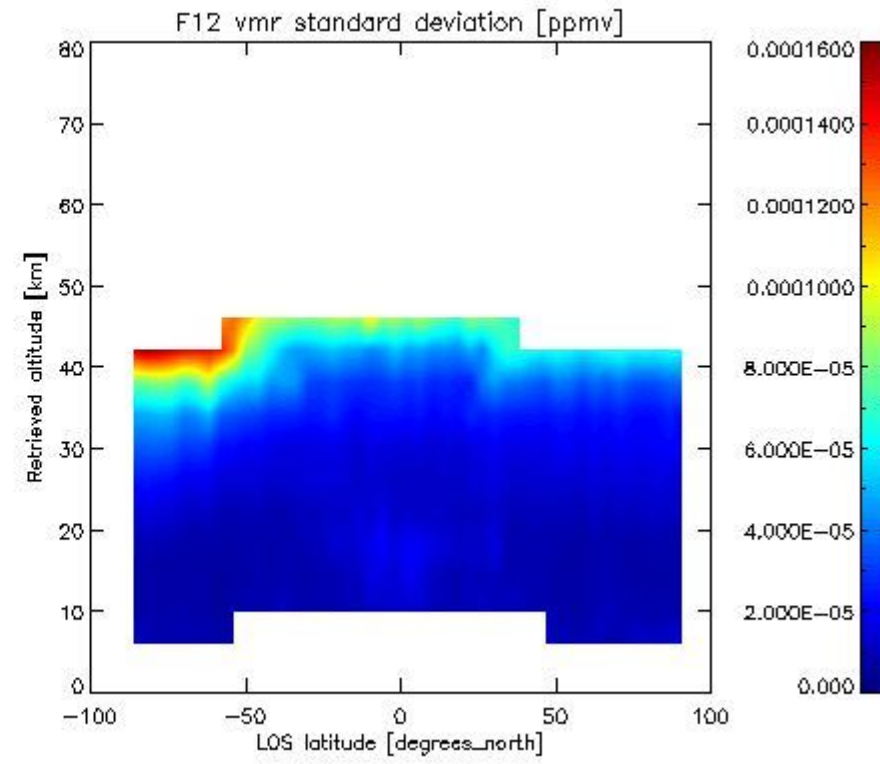
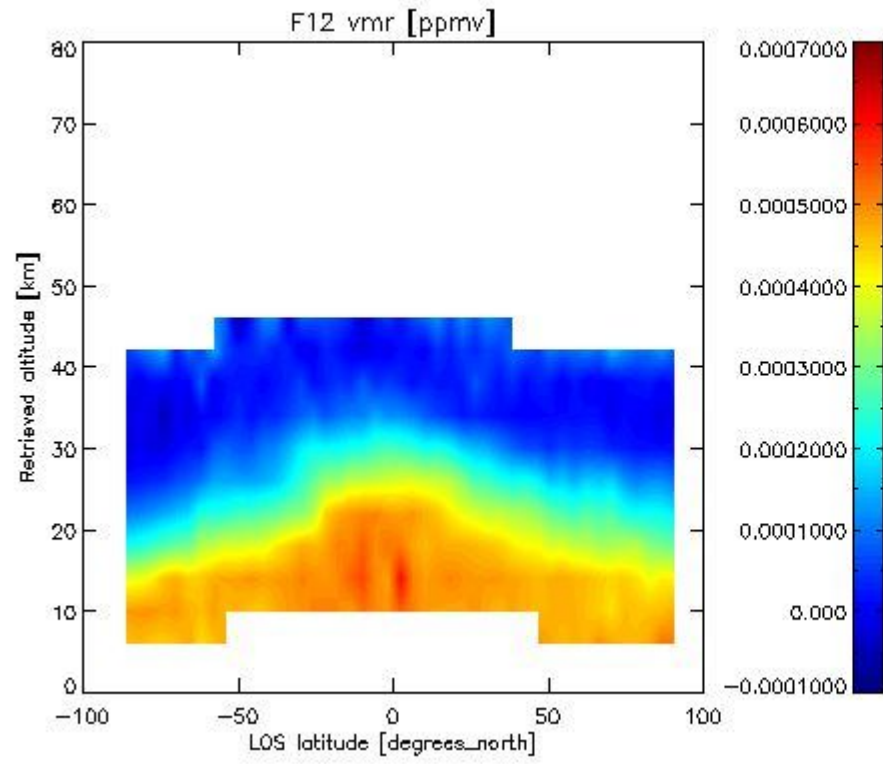
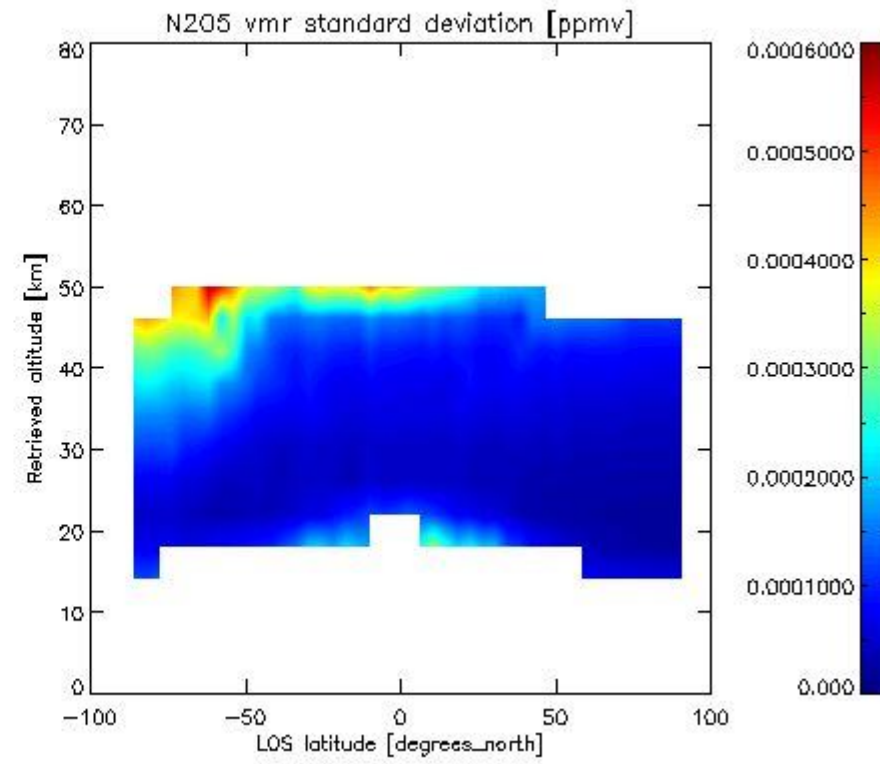
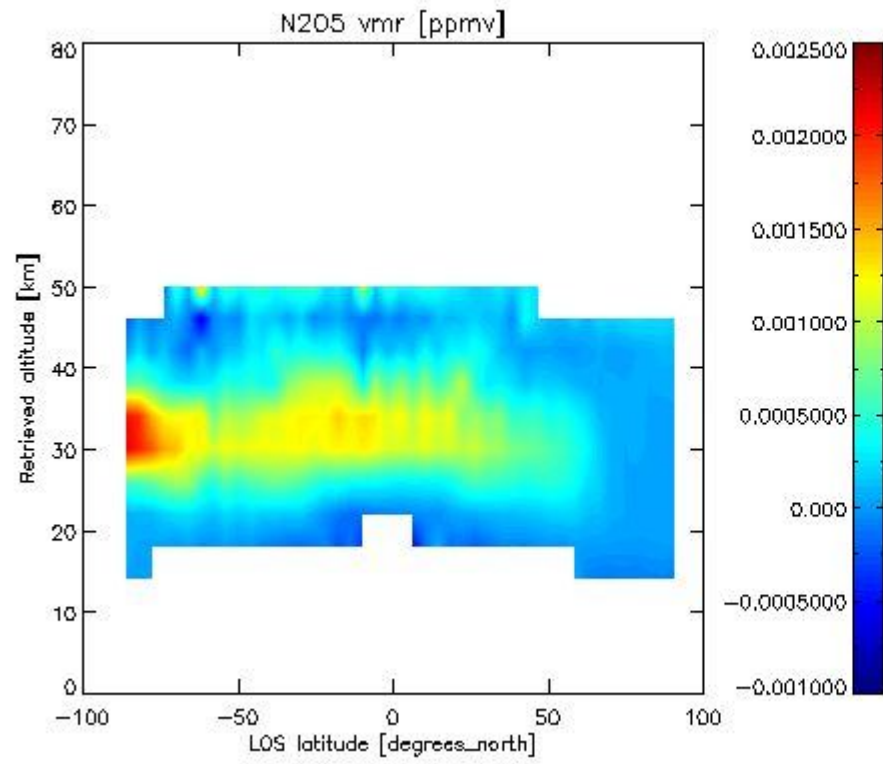


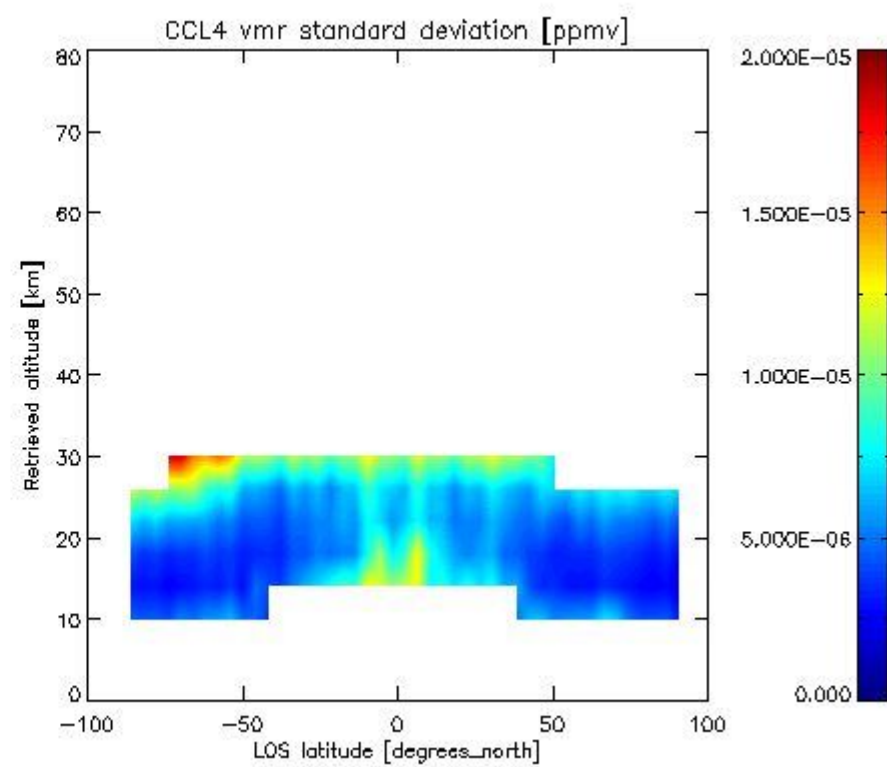
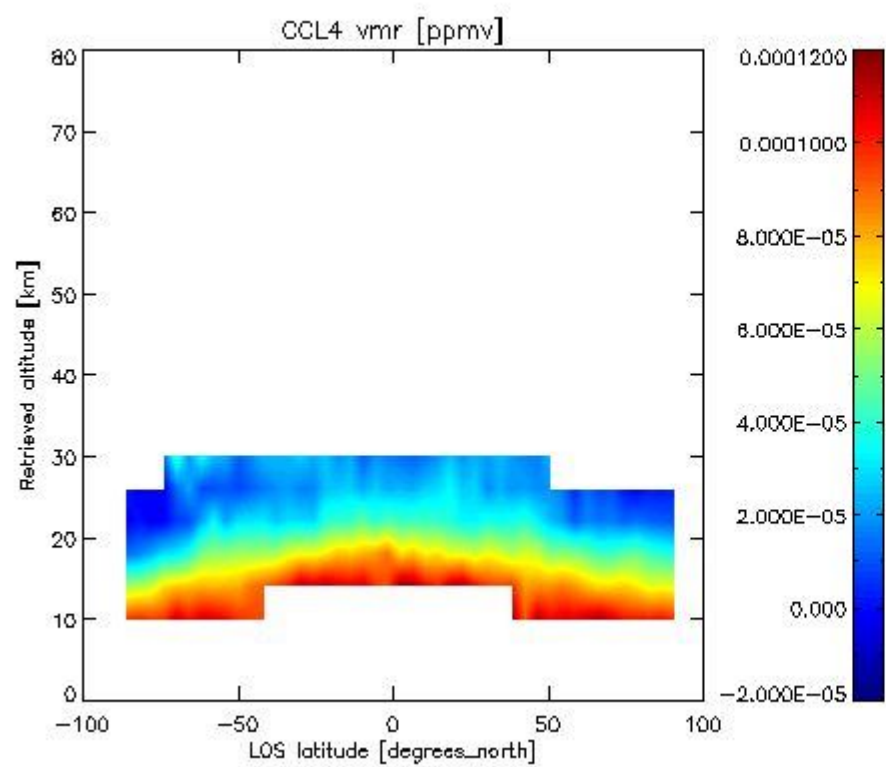
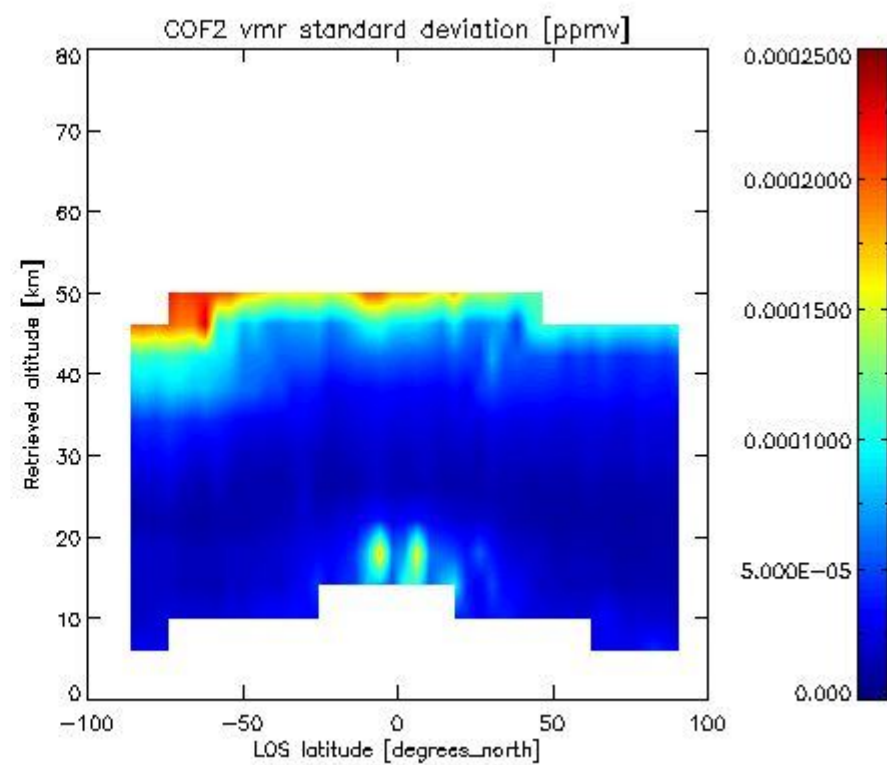
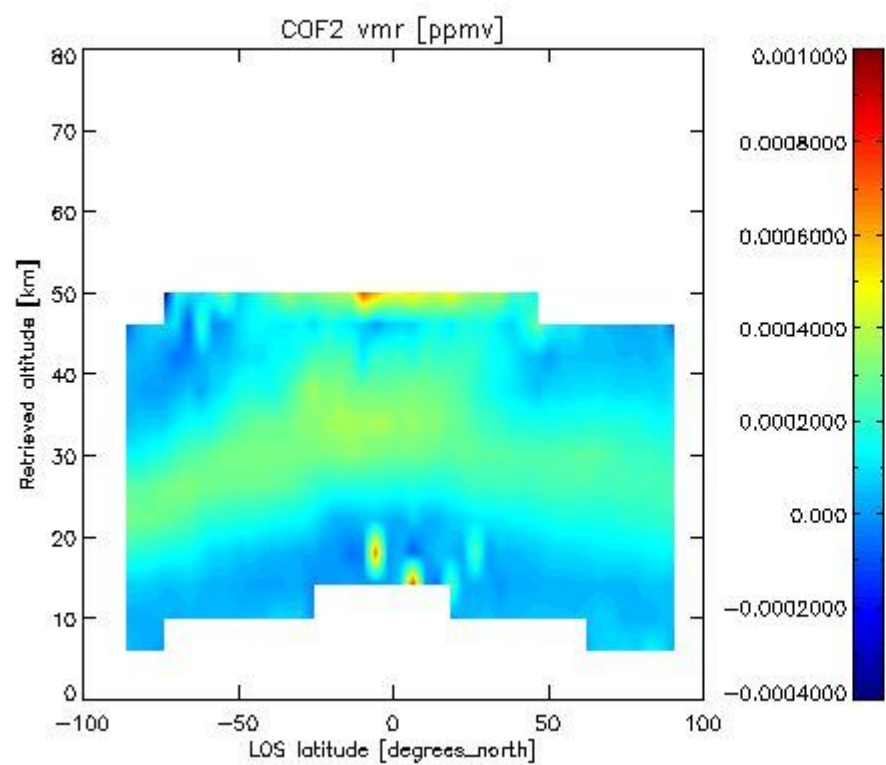
2.2.4.7 F11 overview This section shows values (left) and error (right) for F11 after binning individual sweep values over retrieved altitude and tangent latitude.

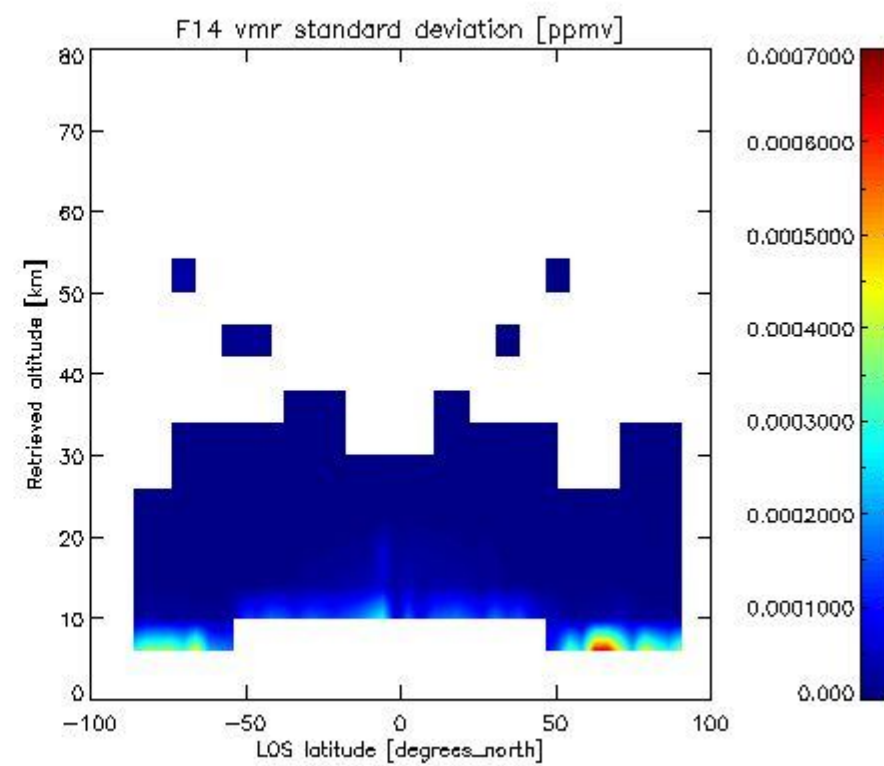
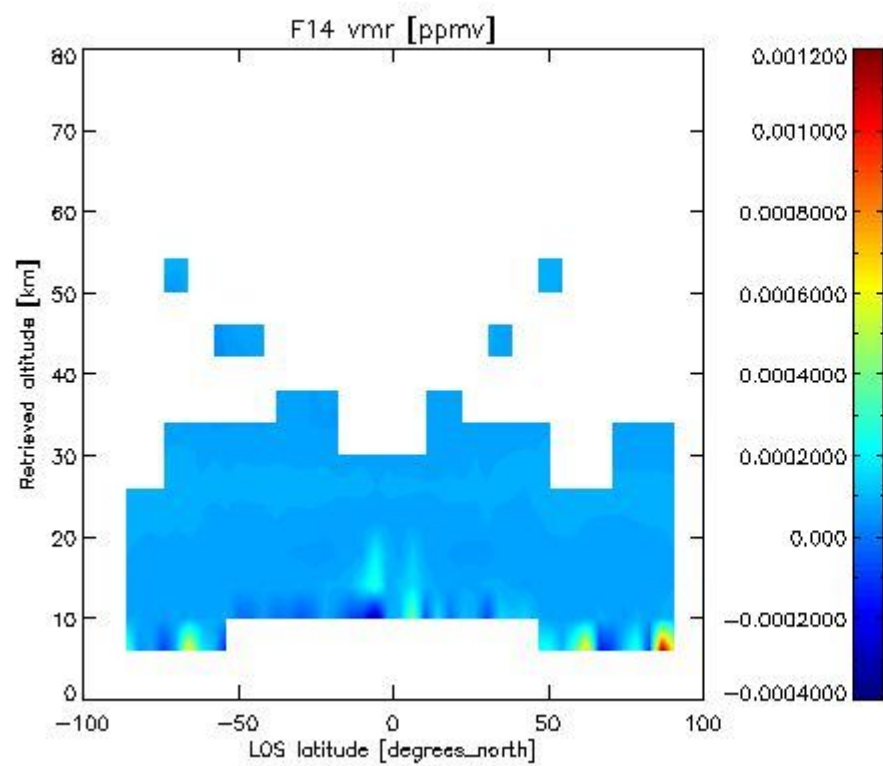
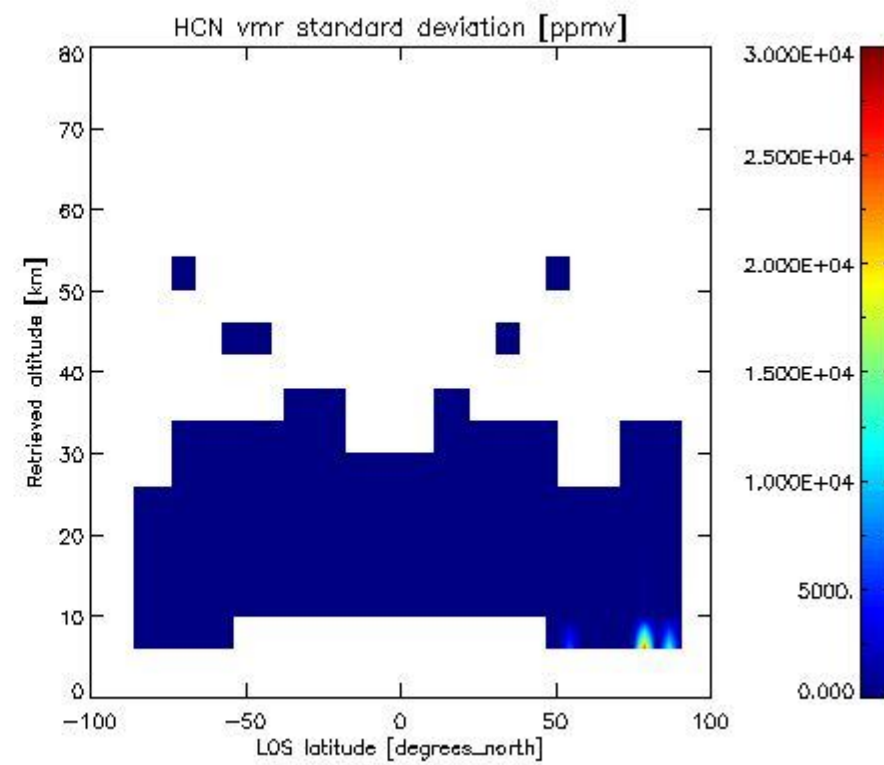
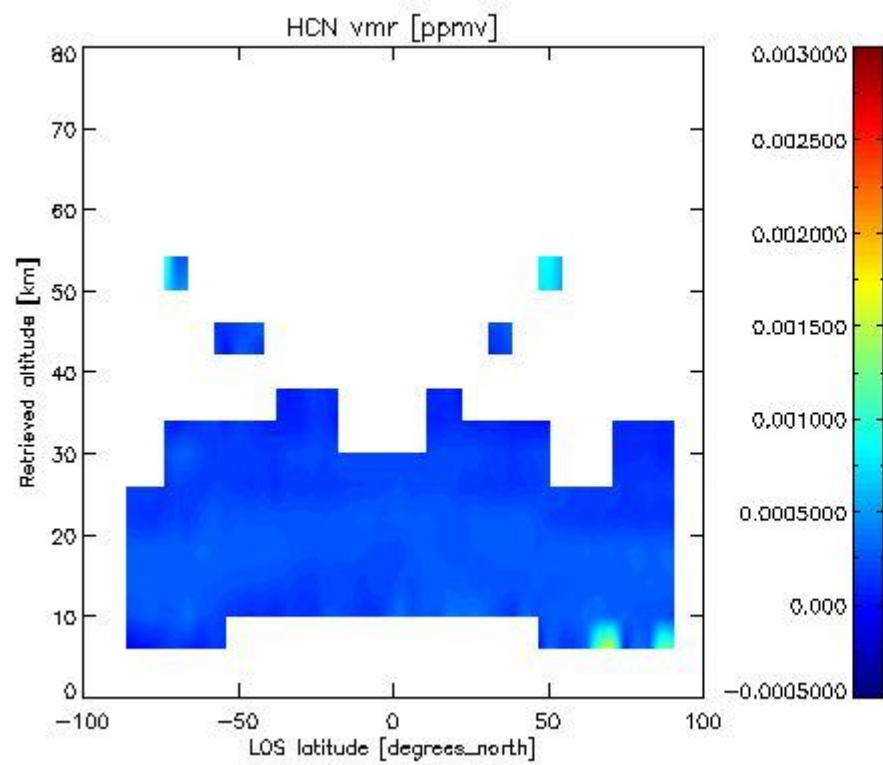


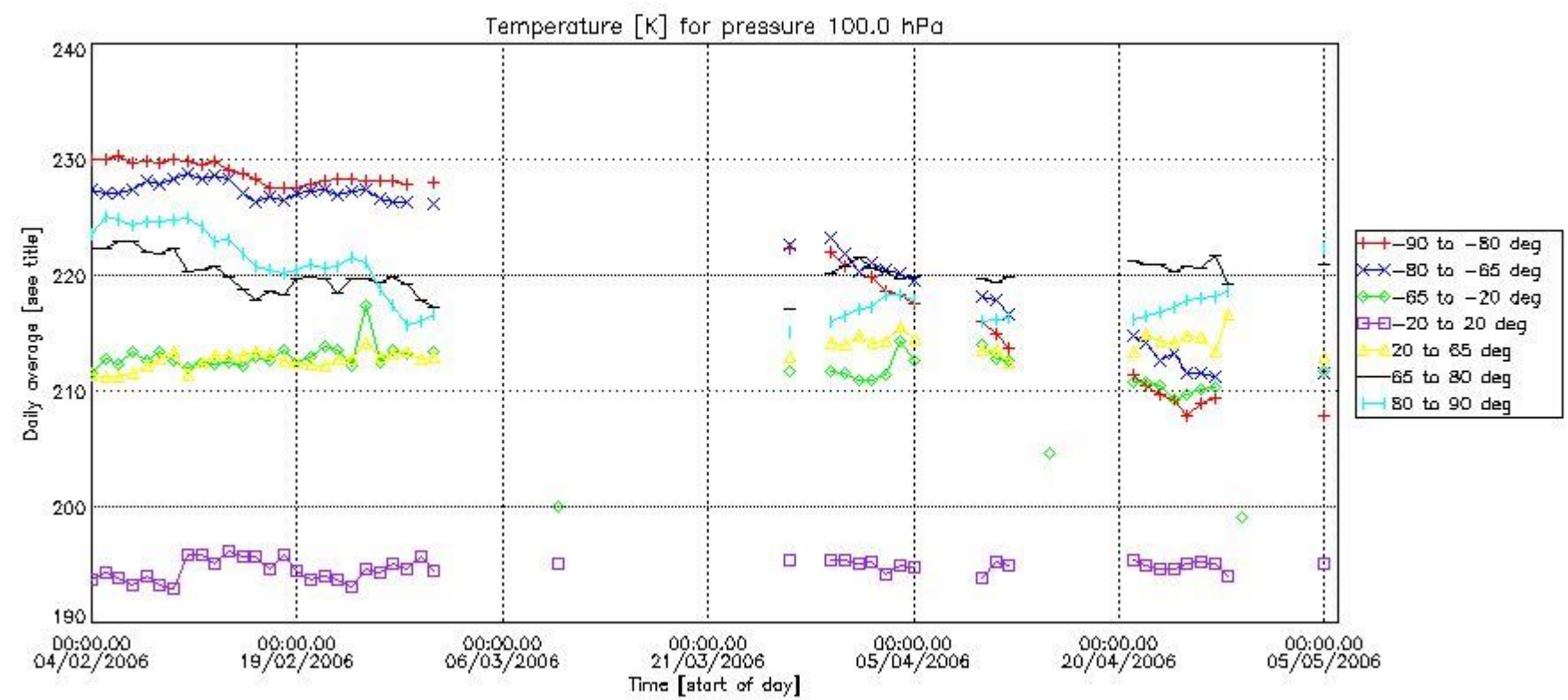
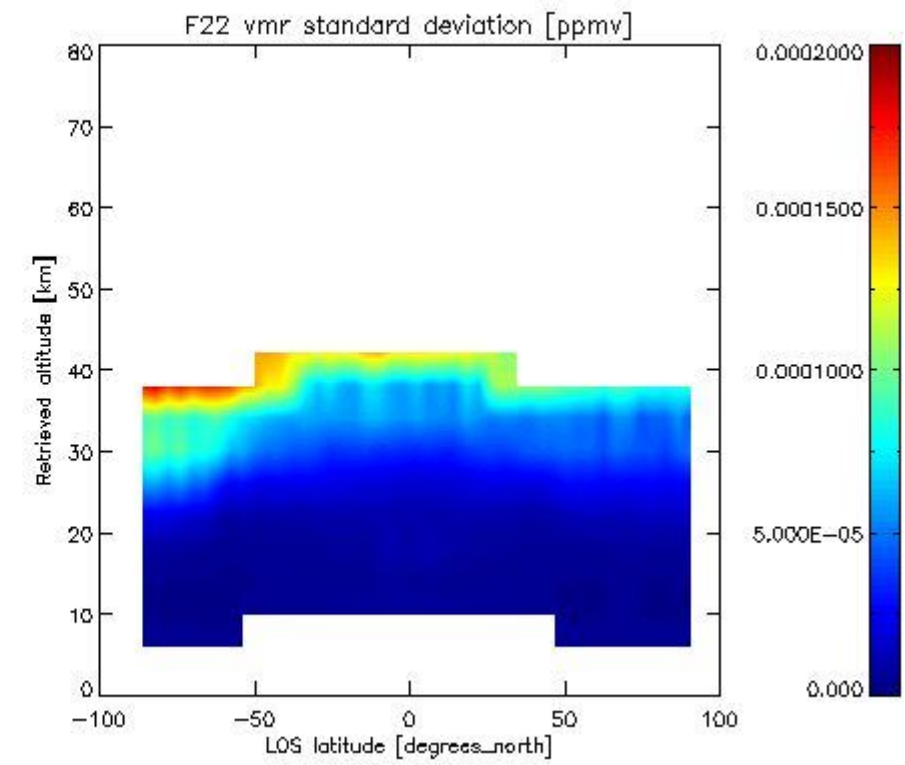
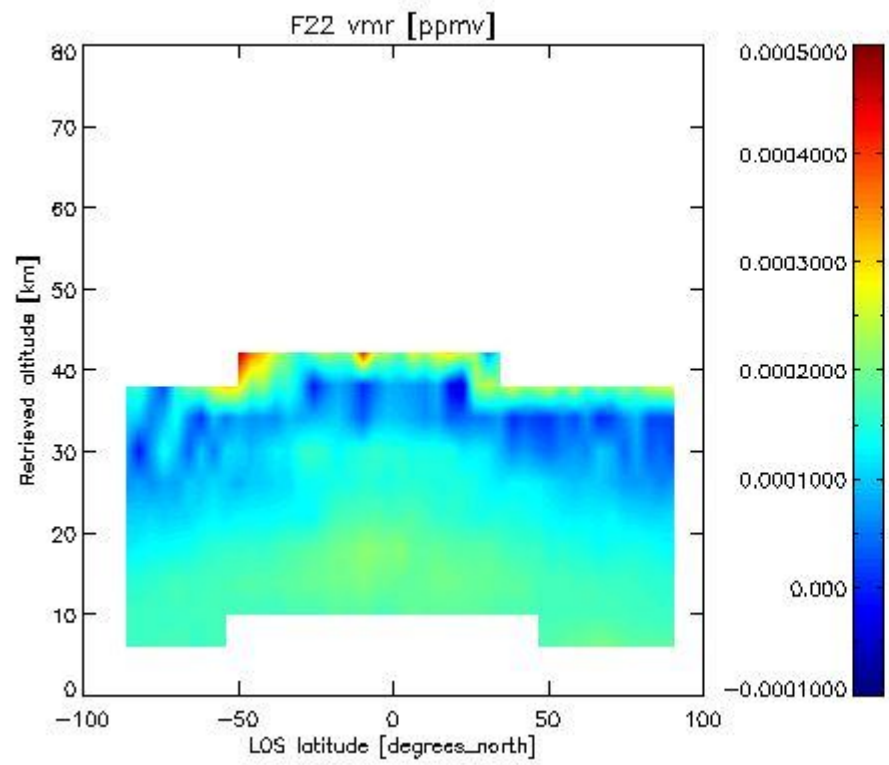
2.3.4.4 CLNO overview: This section shows values (left) and error (right) for CLNO after binning individual sweep values over retrieved altitude and target latitude.

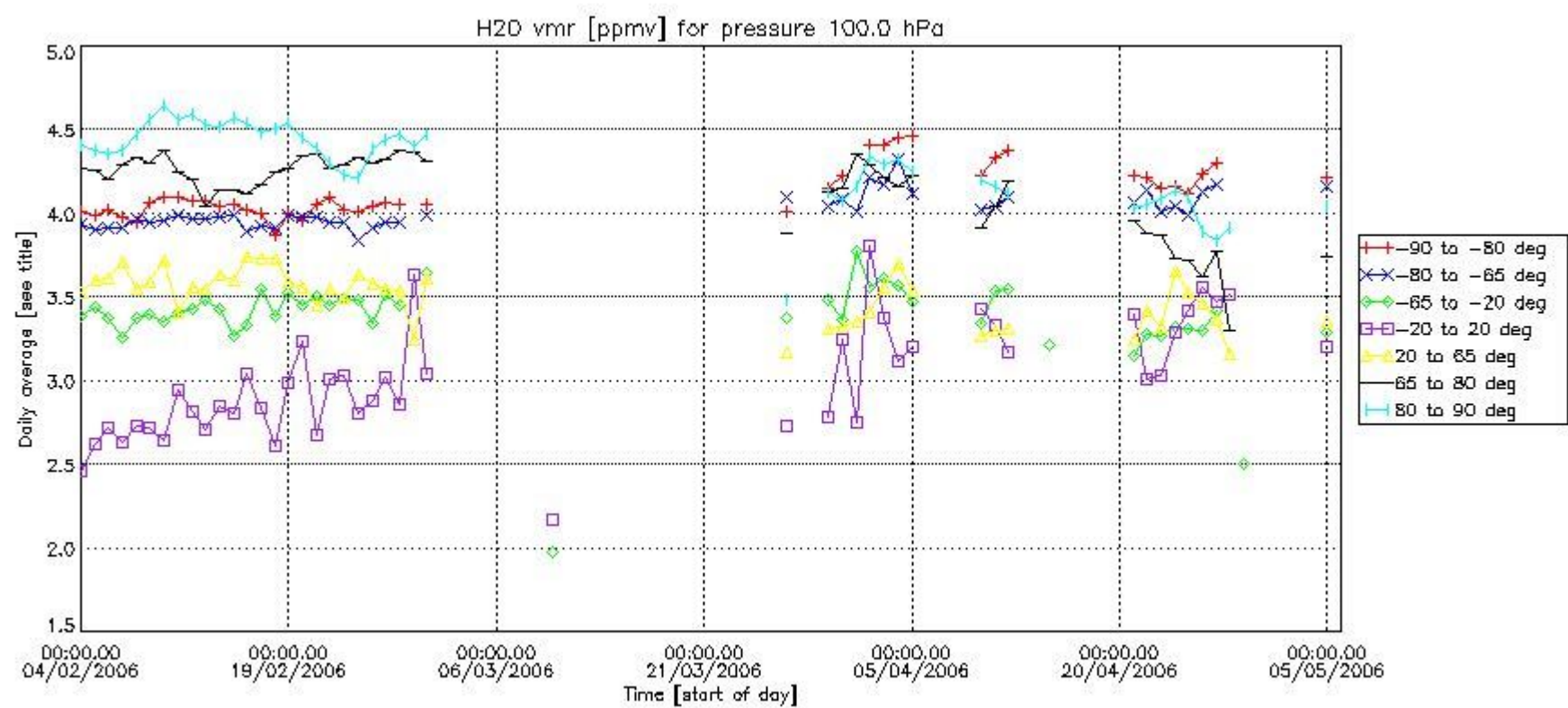
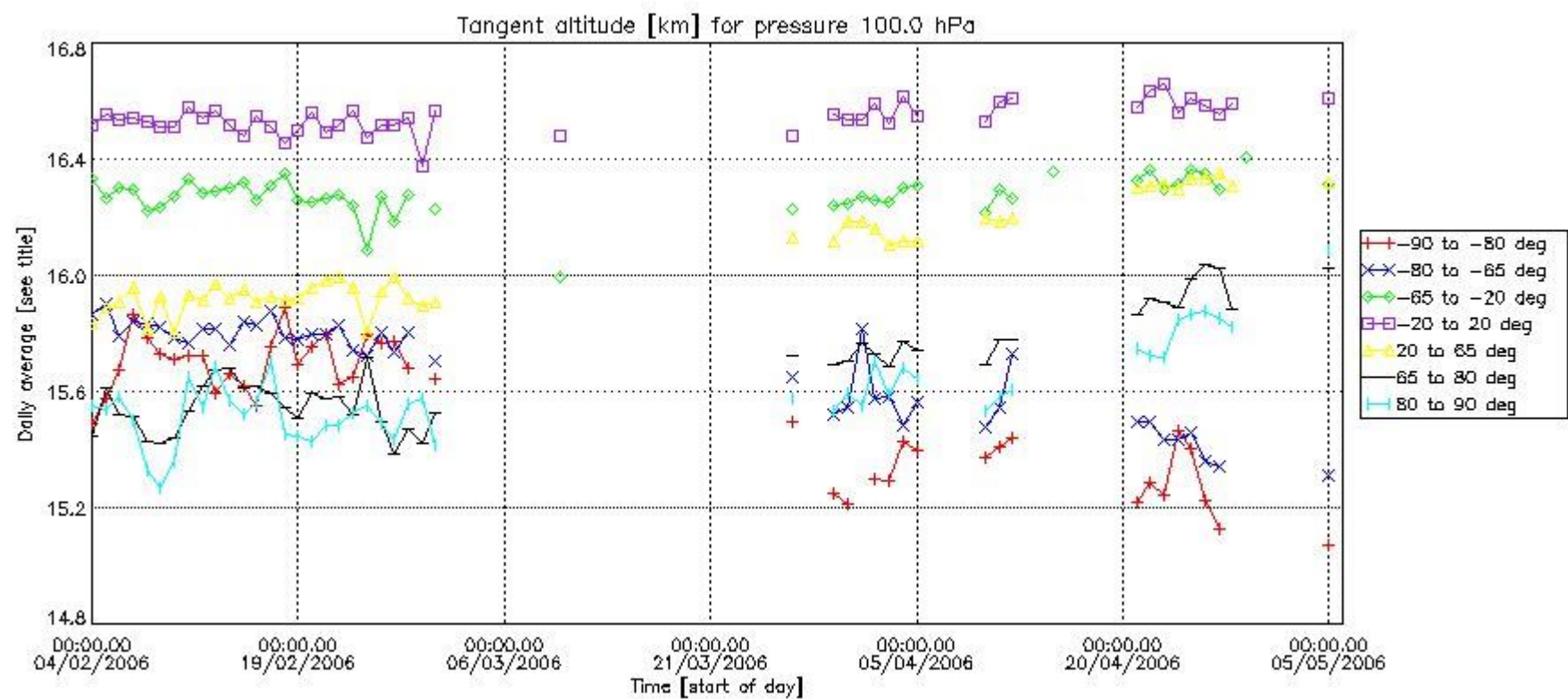


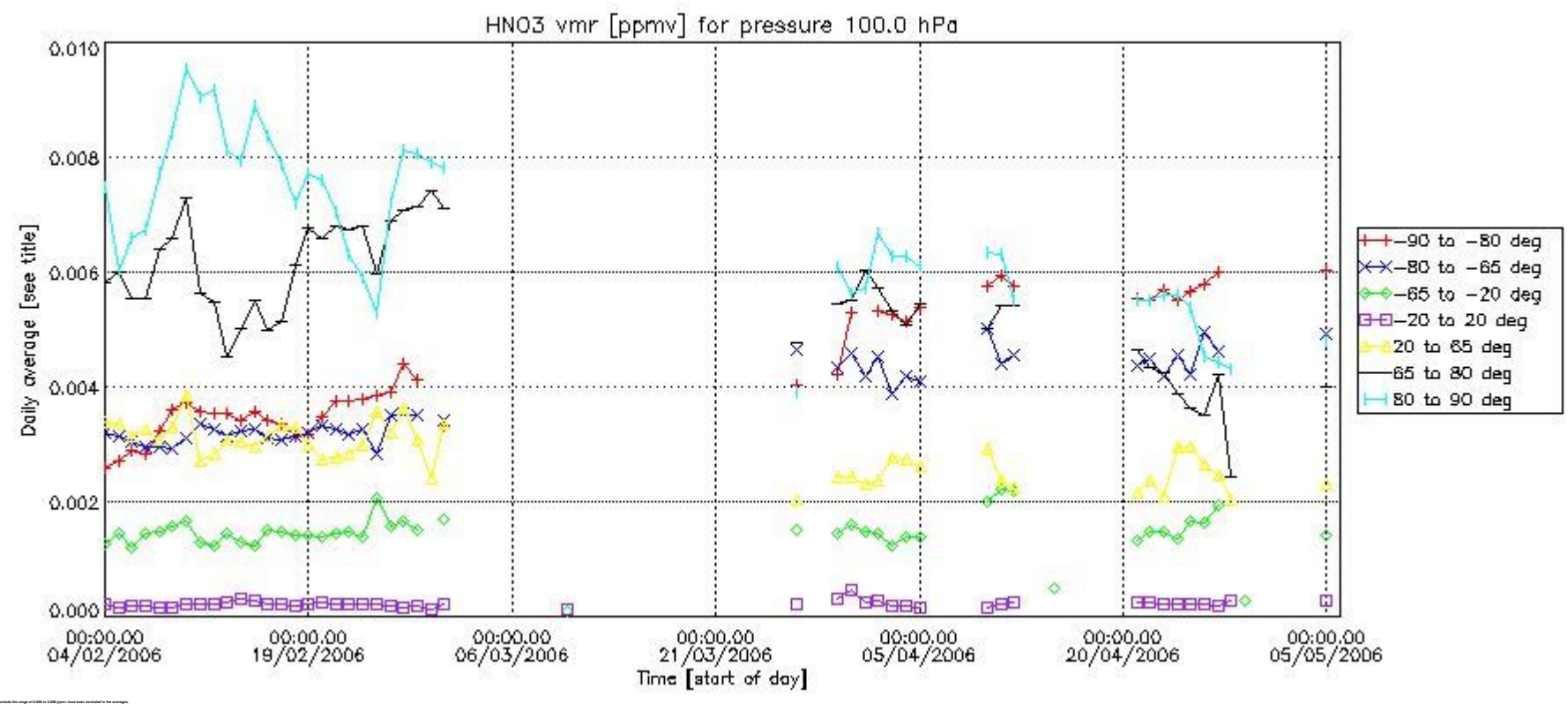
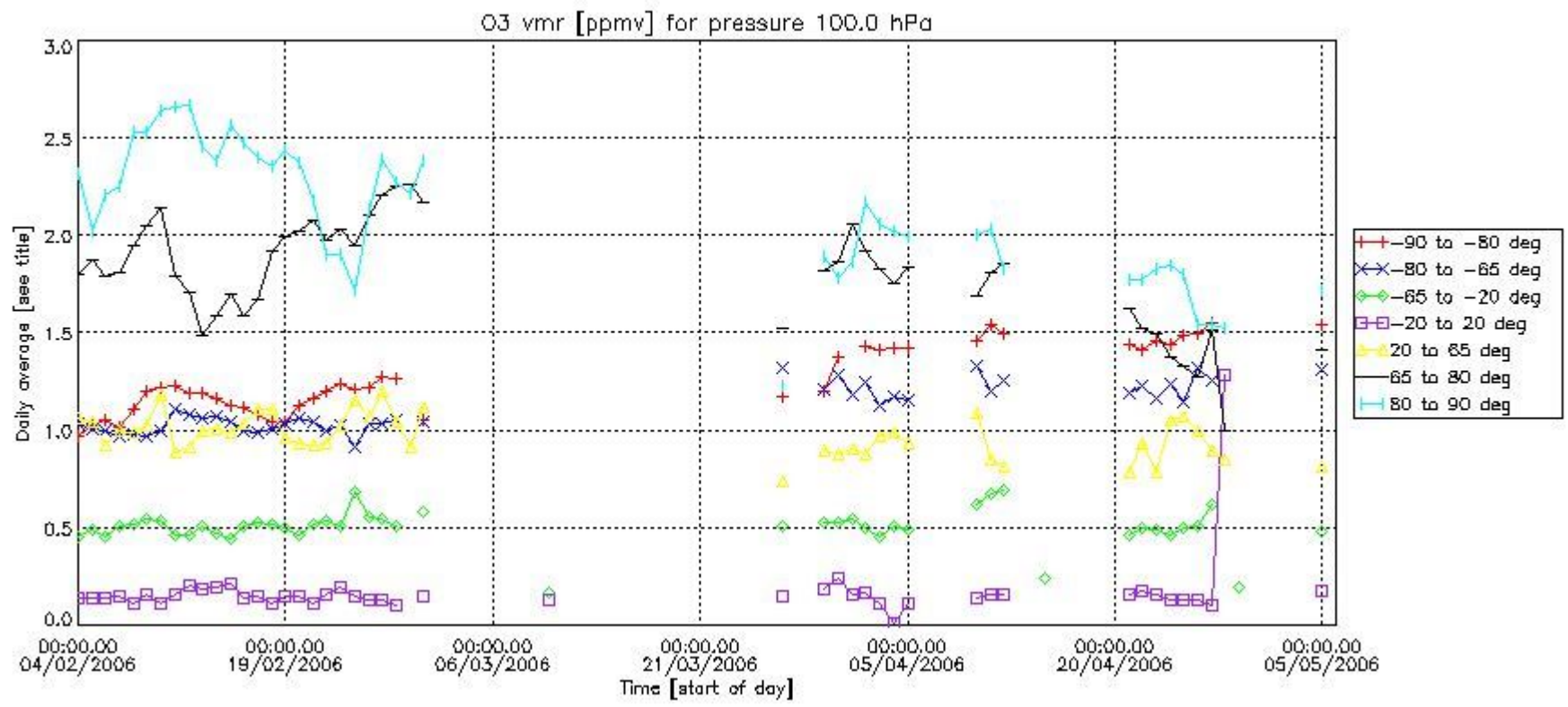


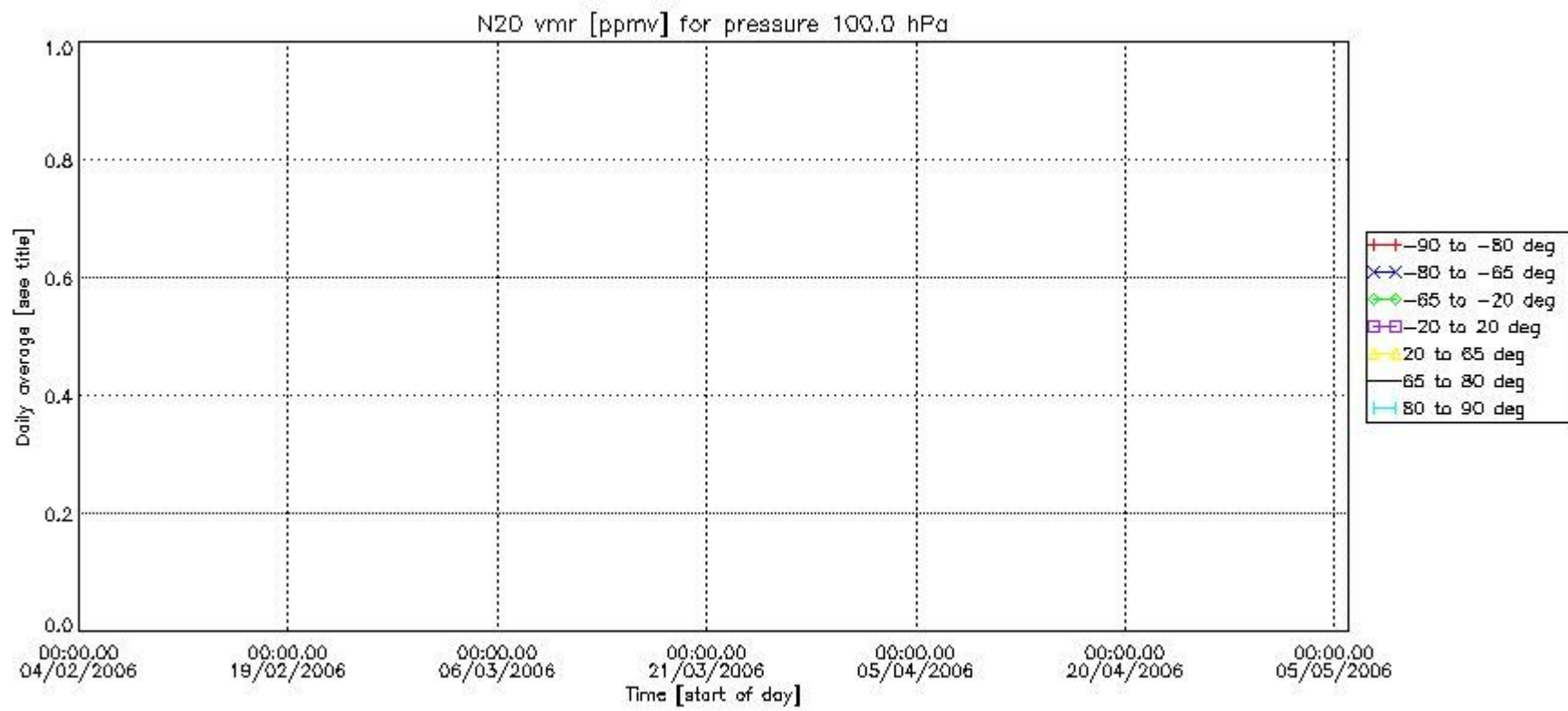
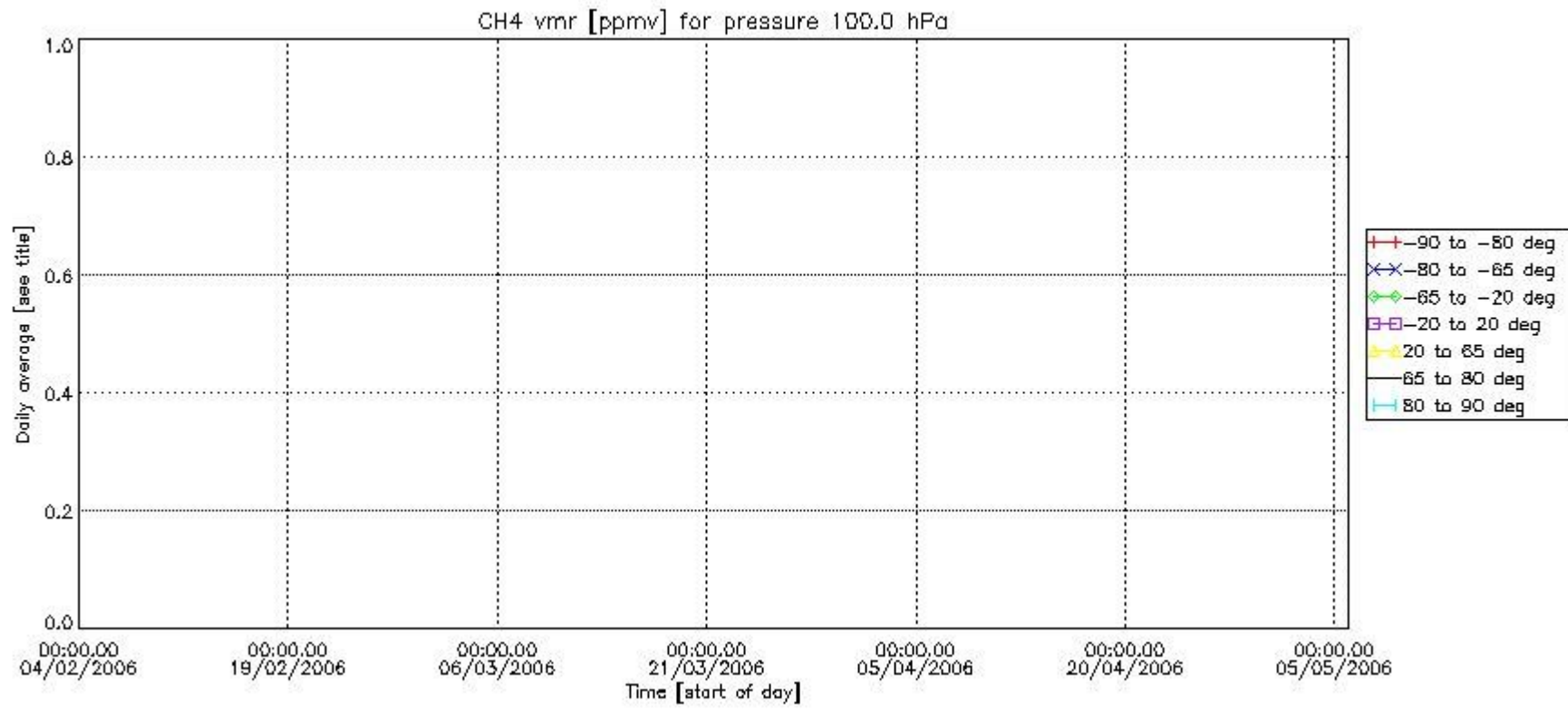


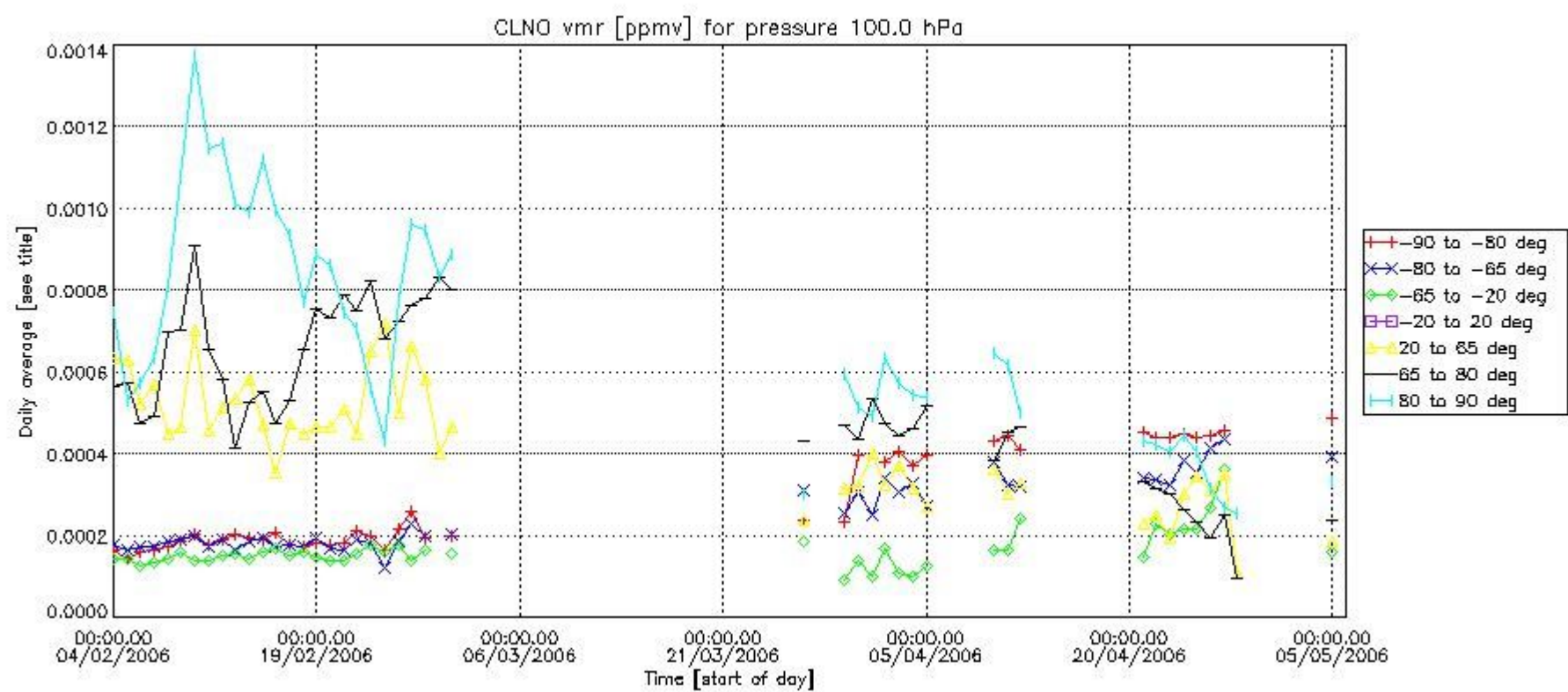
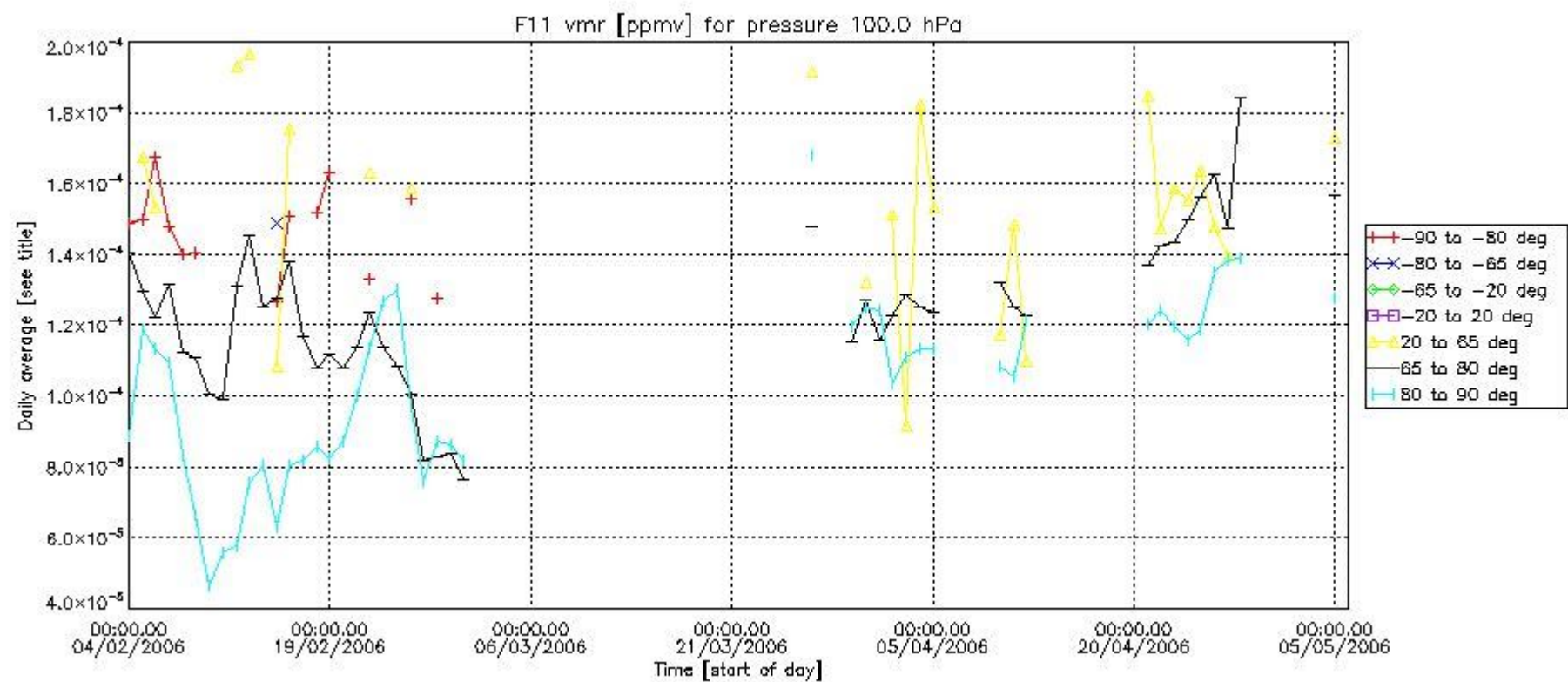


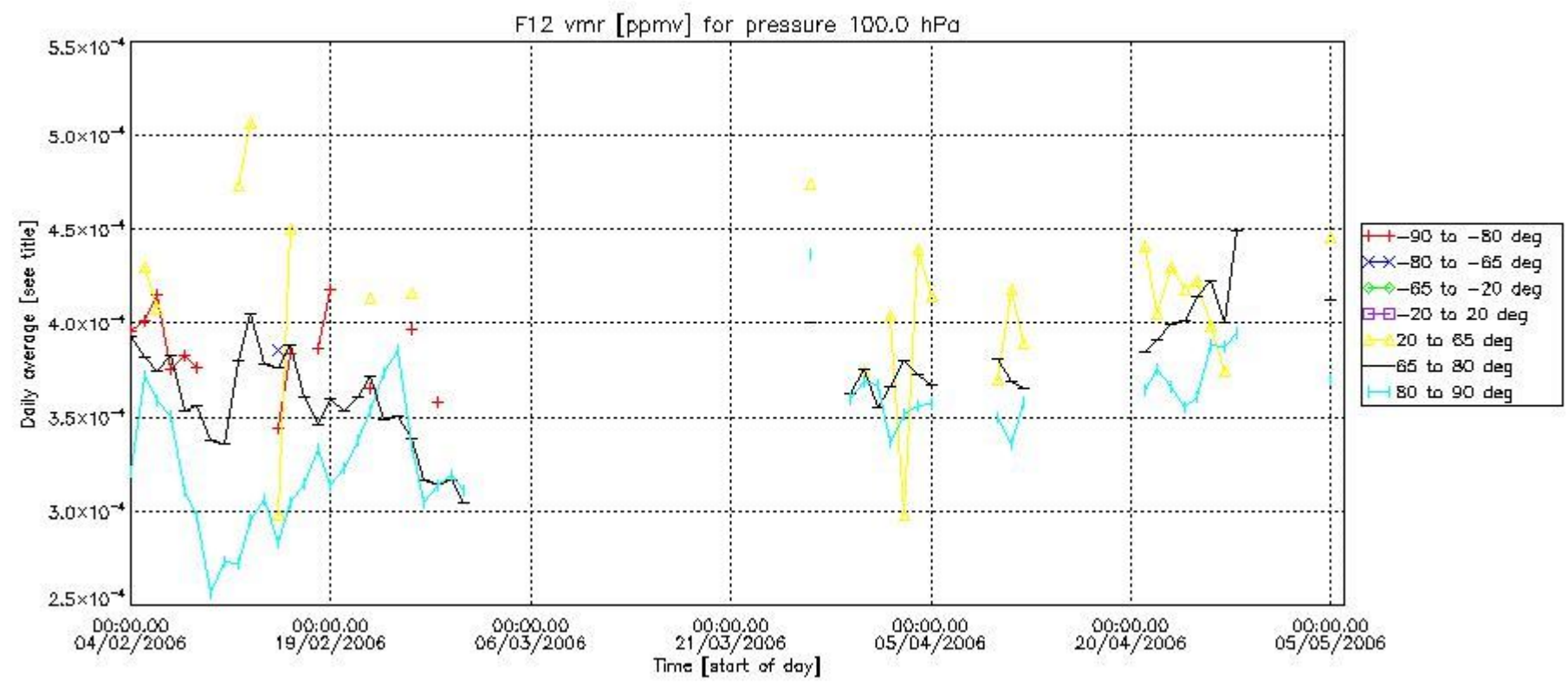
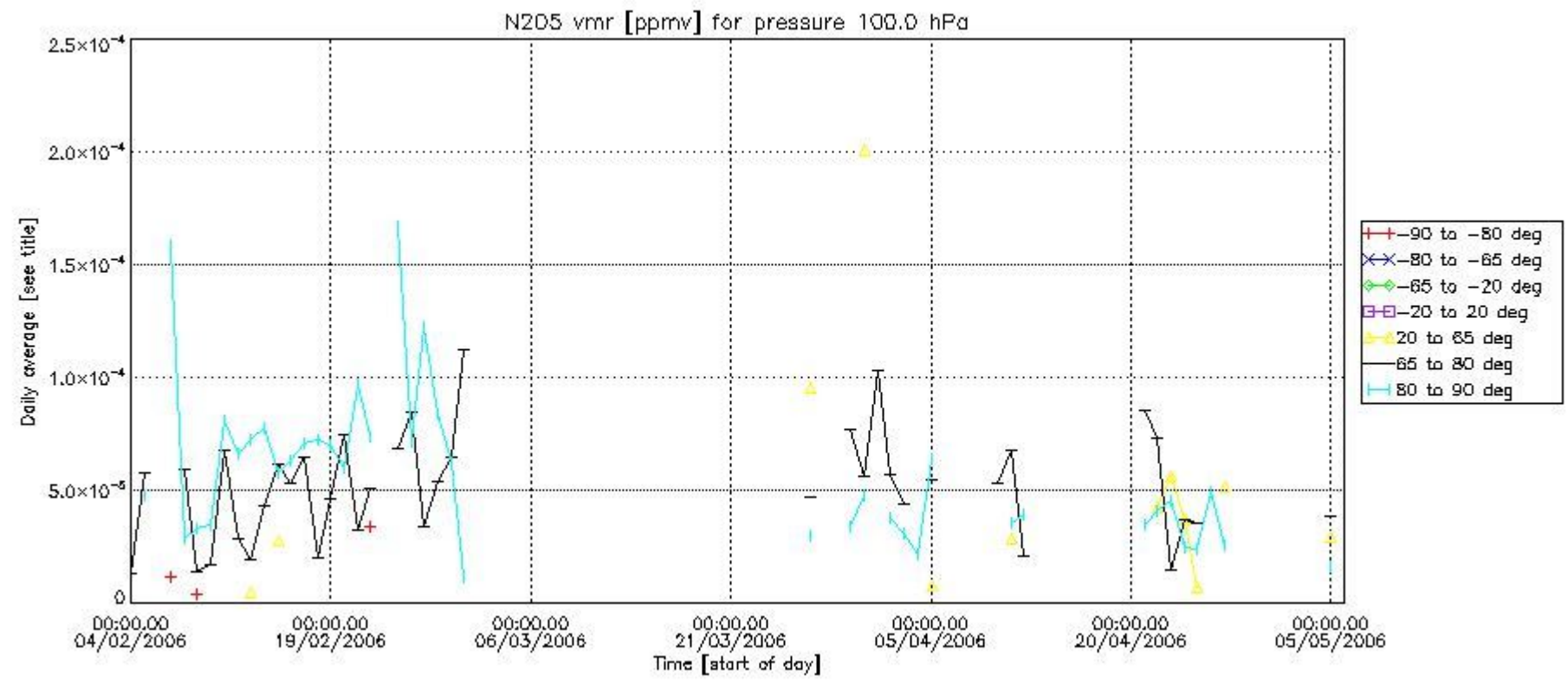


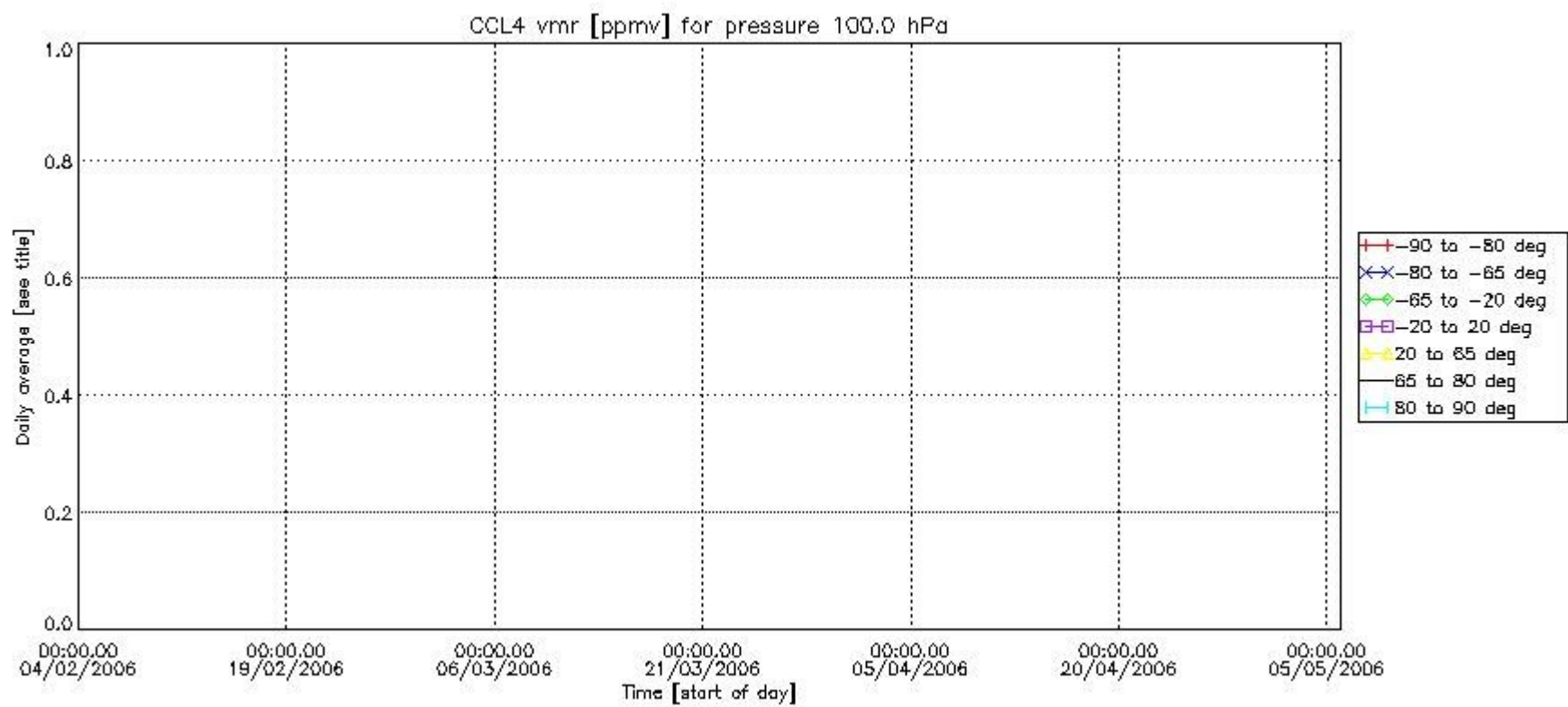
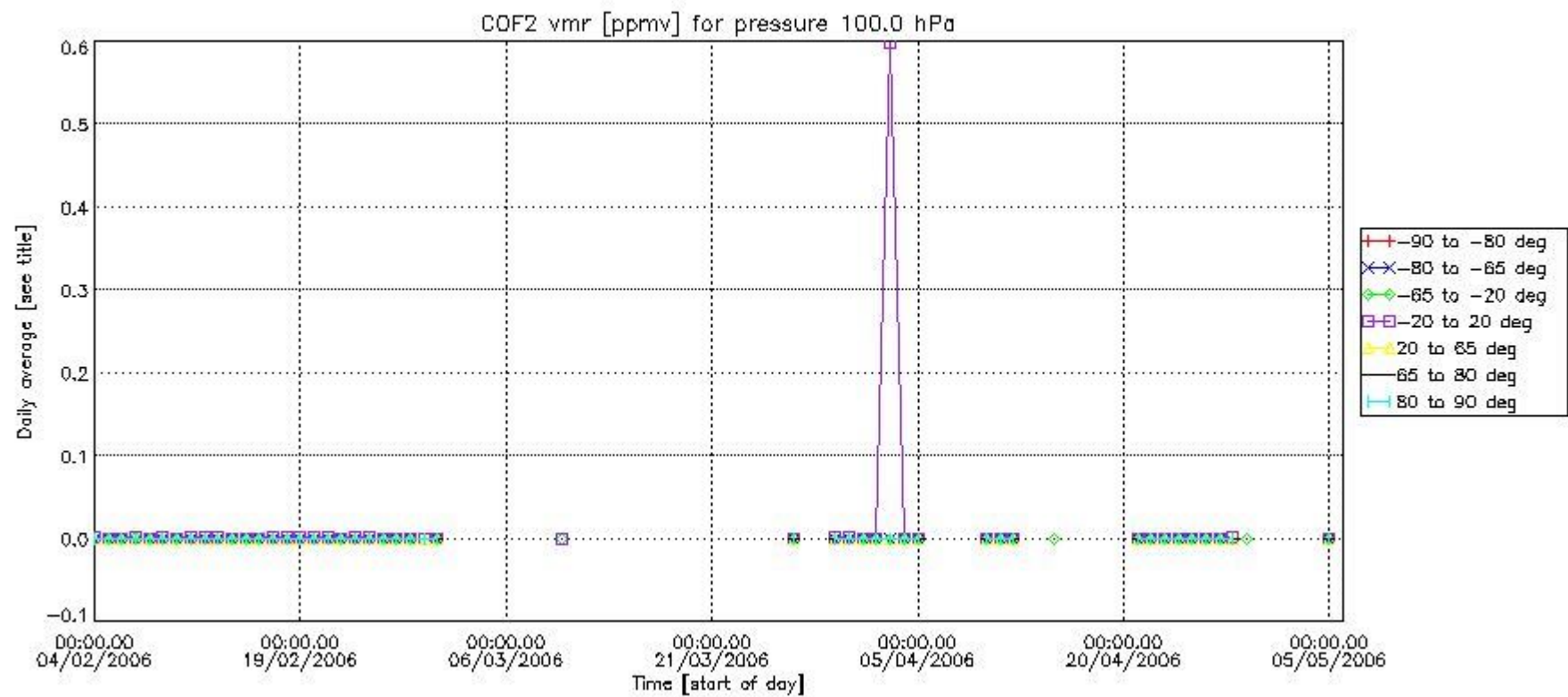


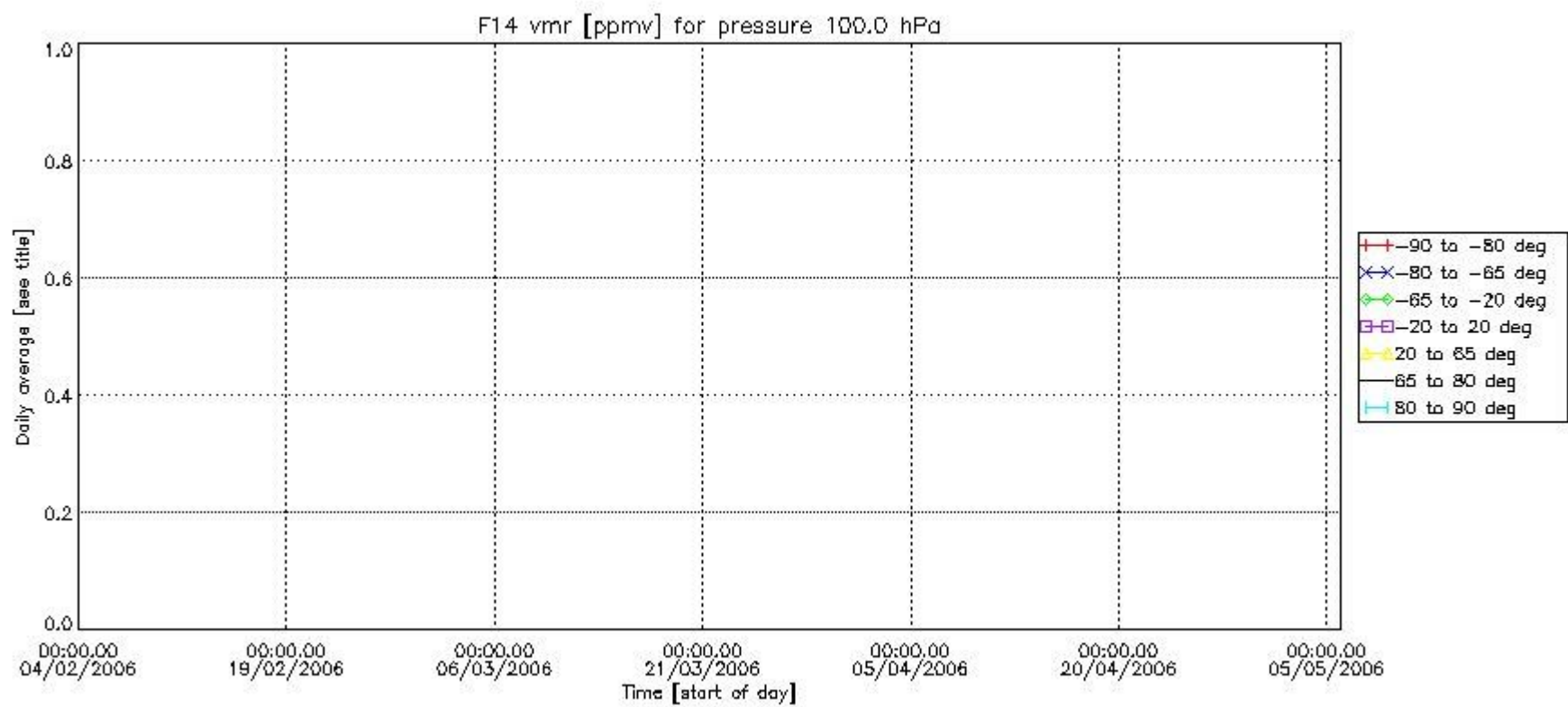
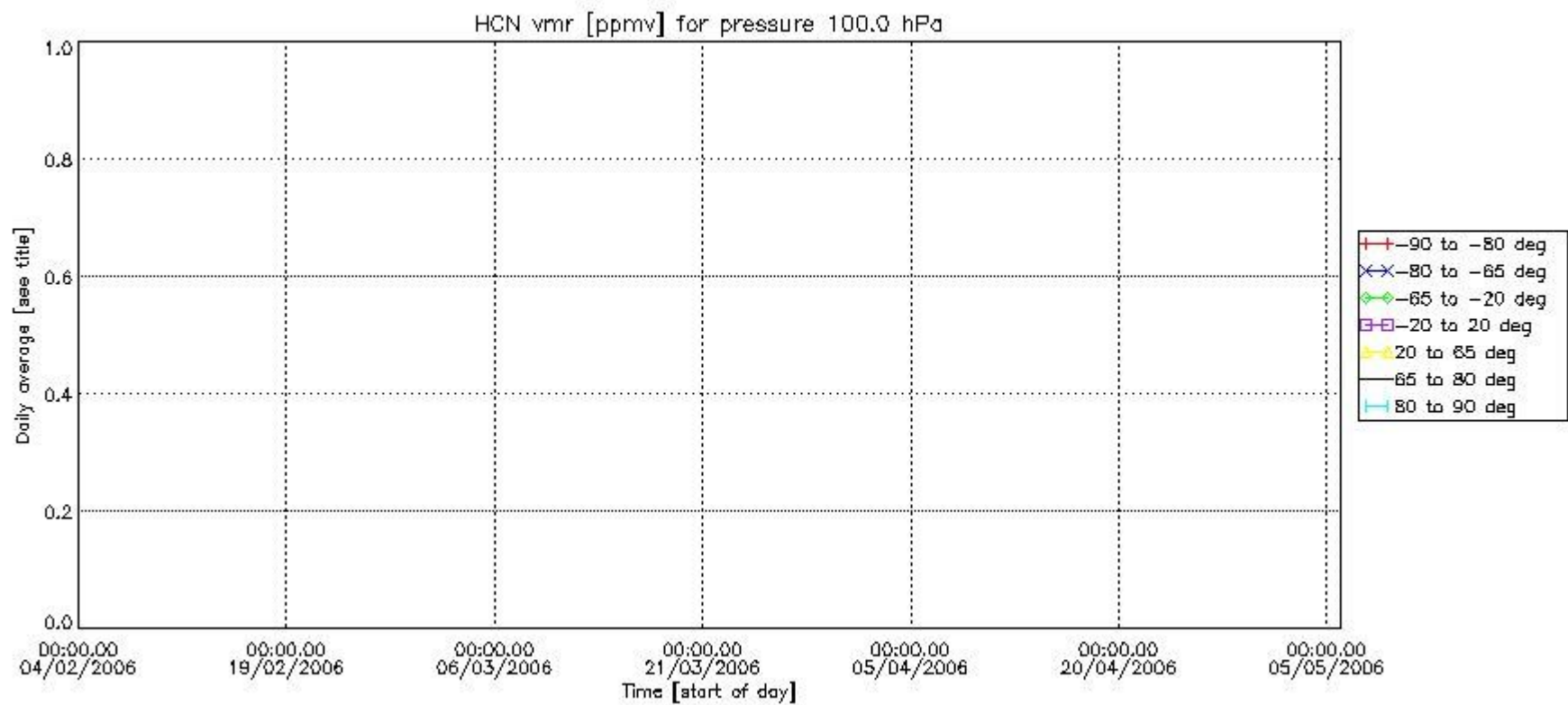


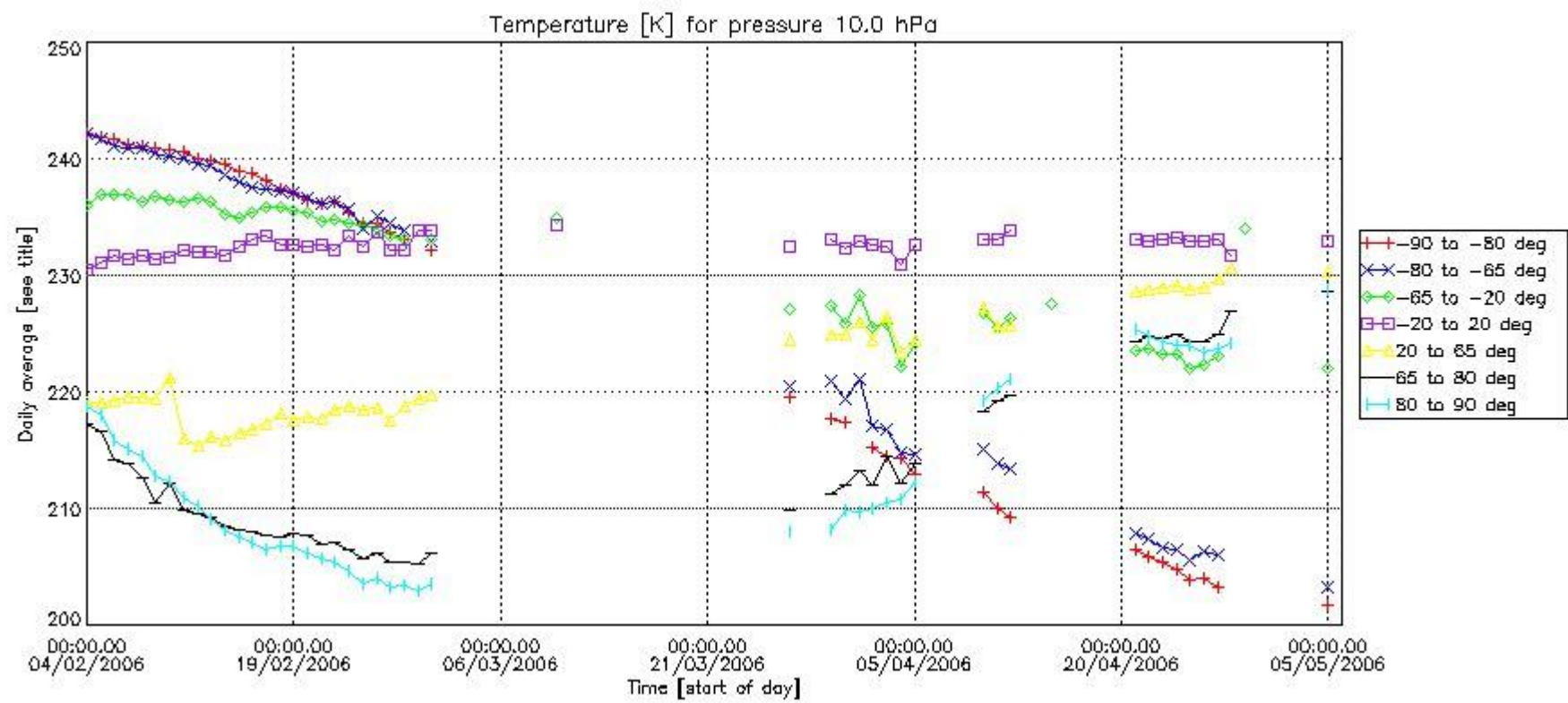
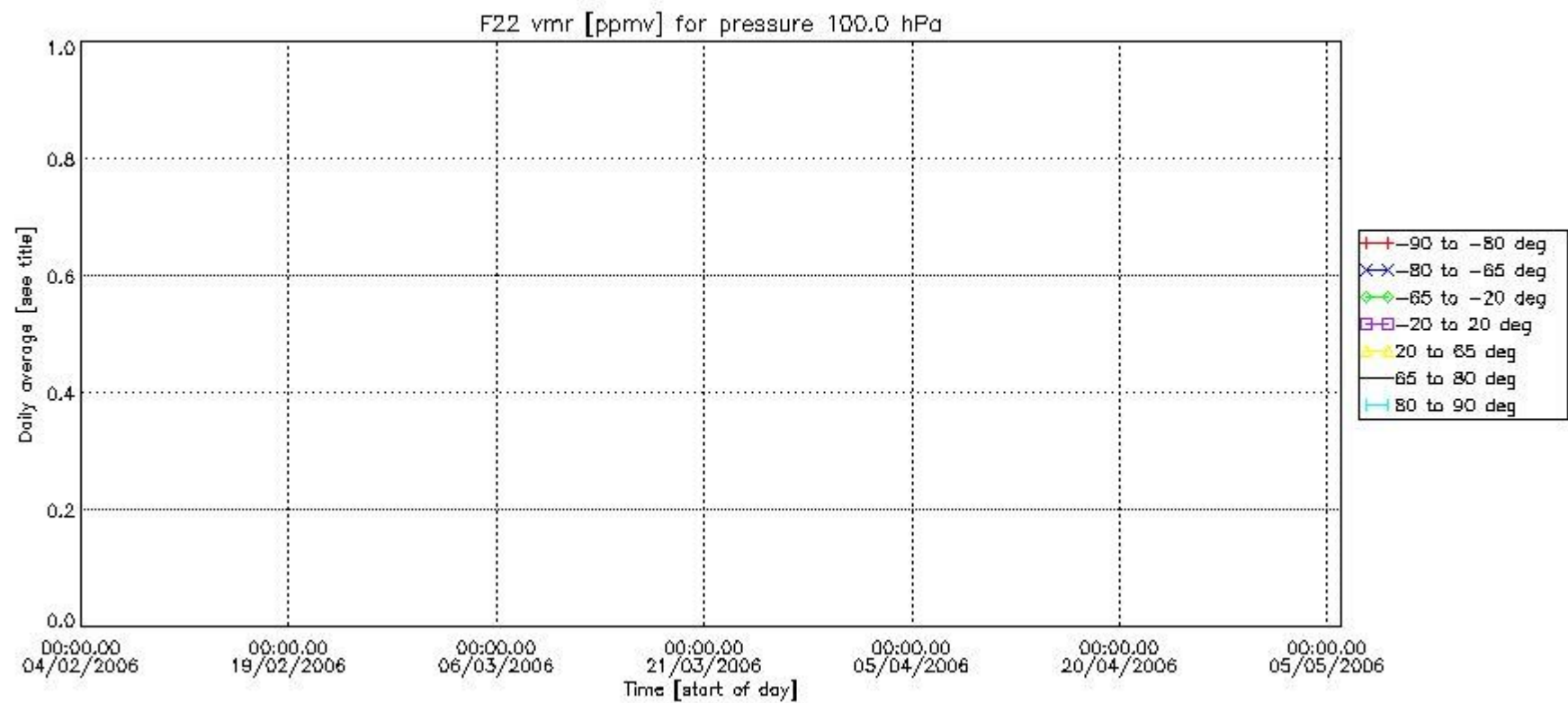


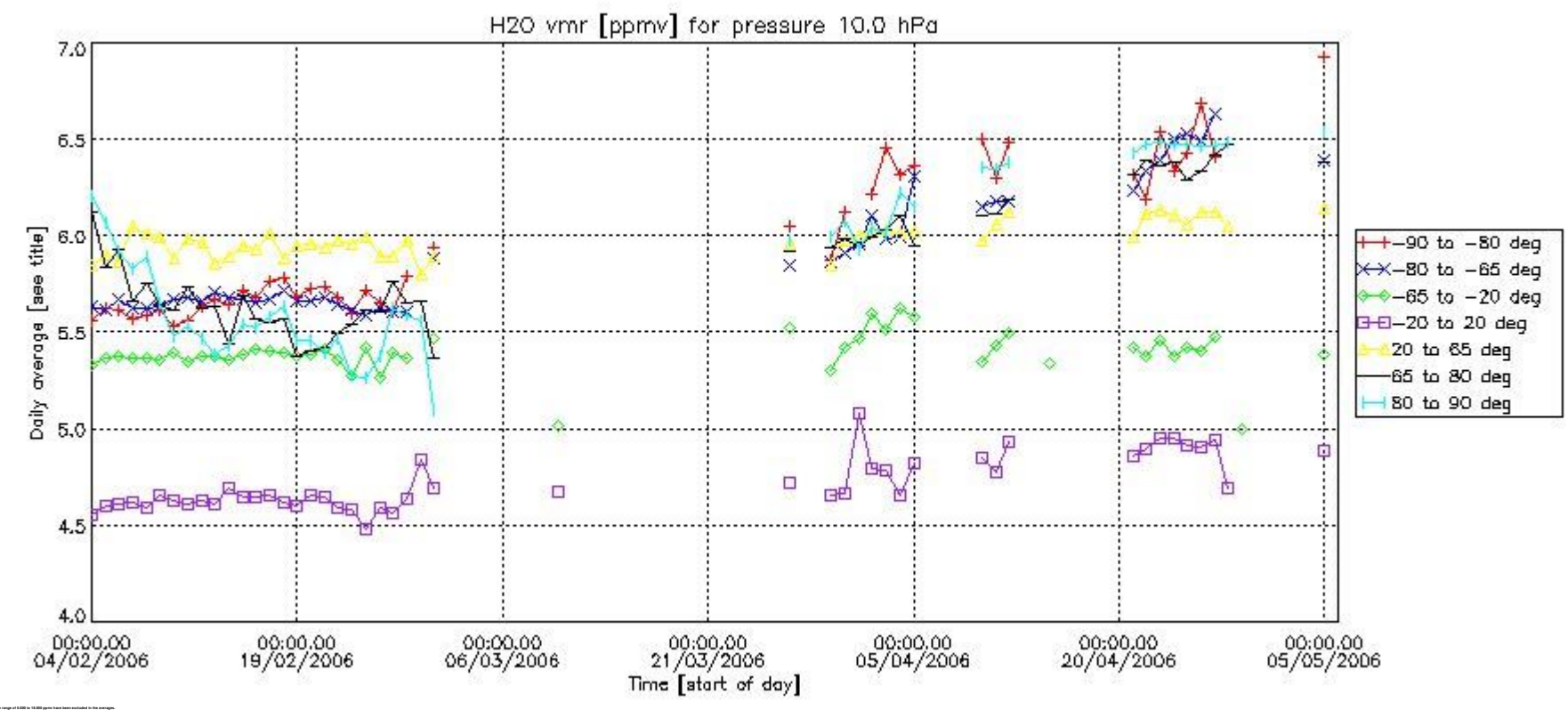
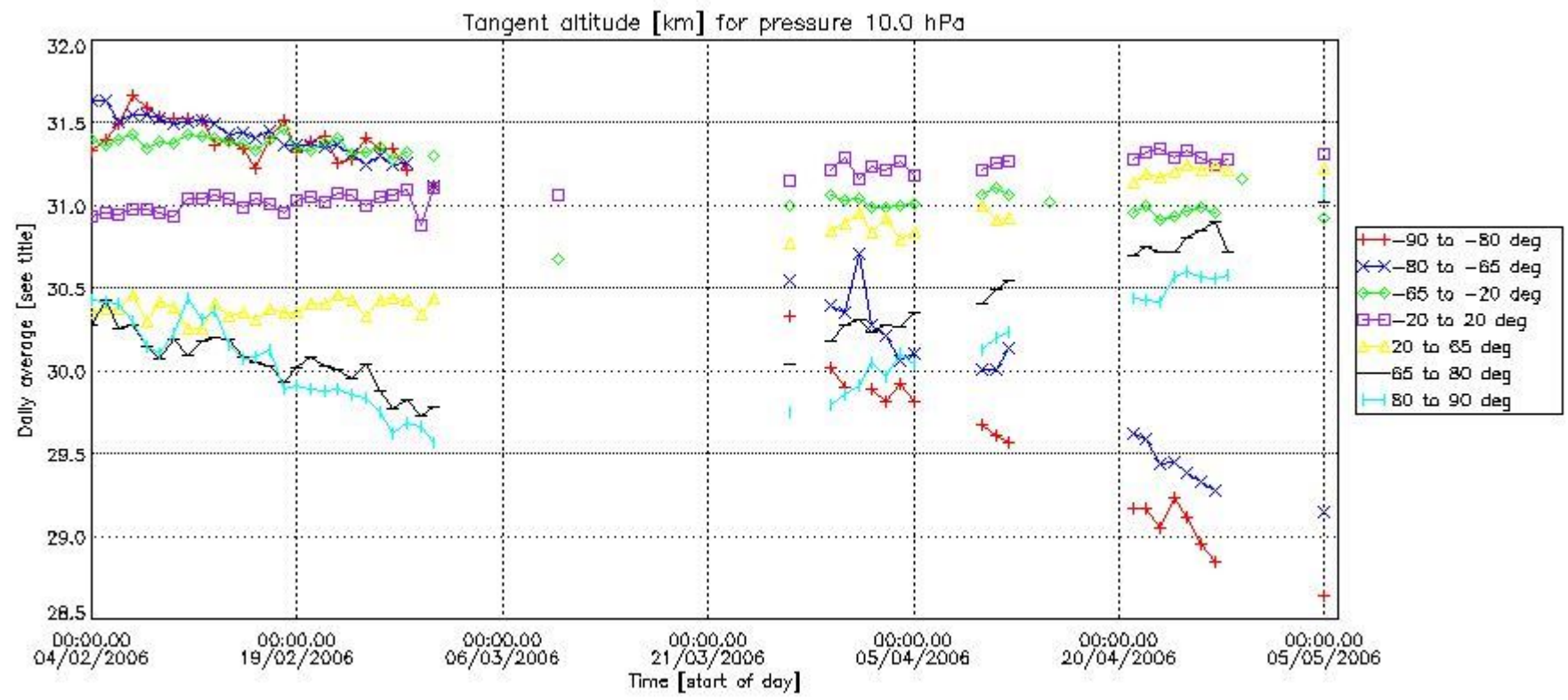


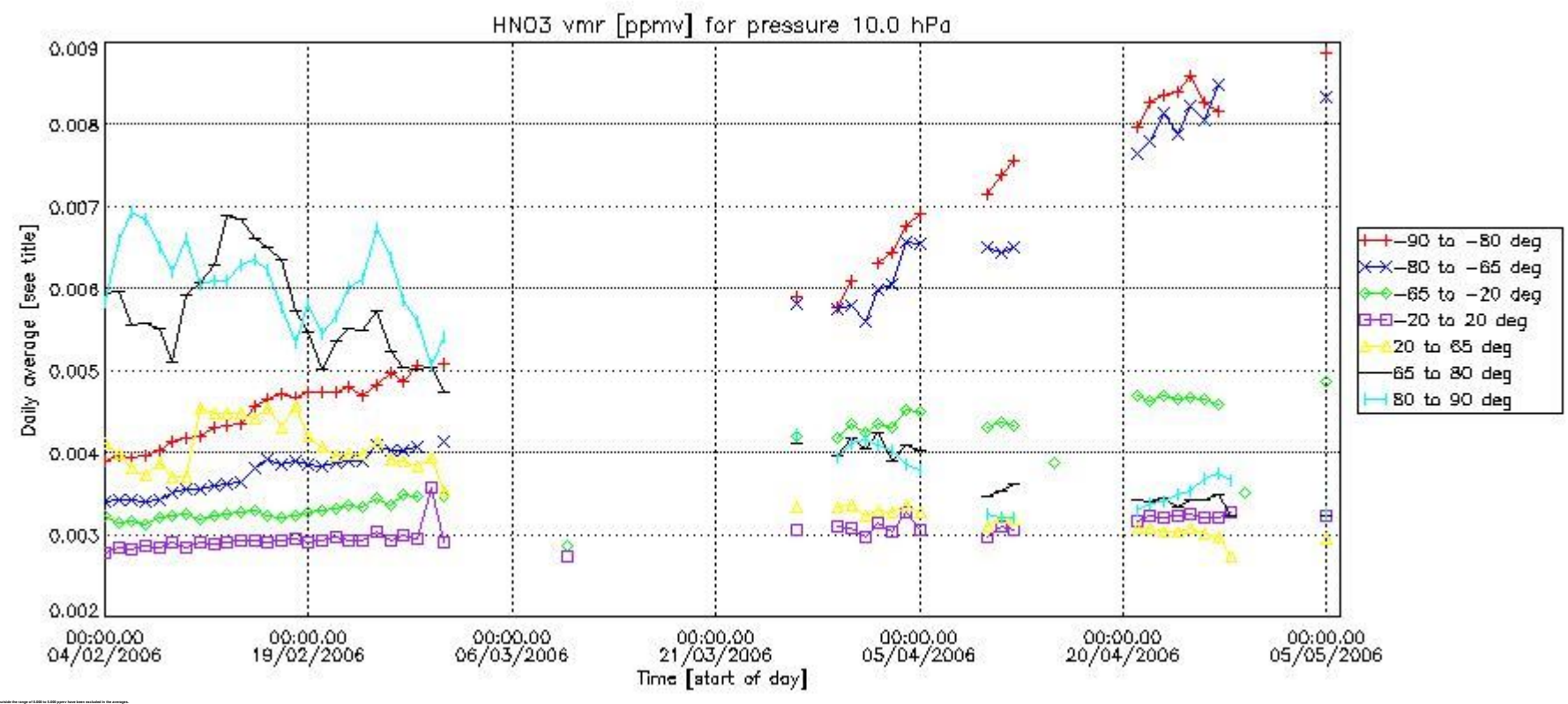
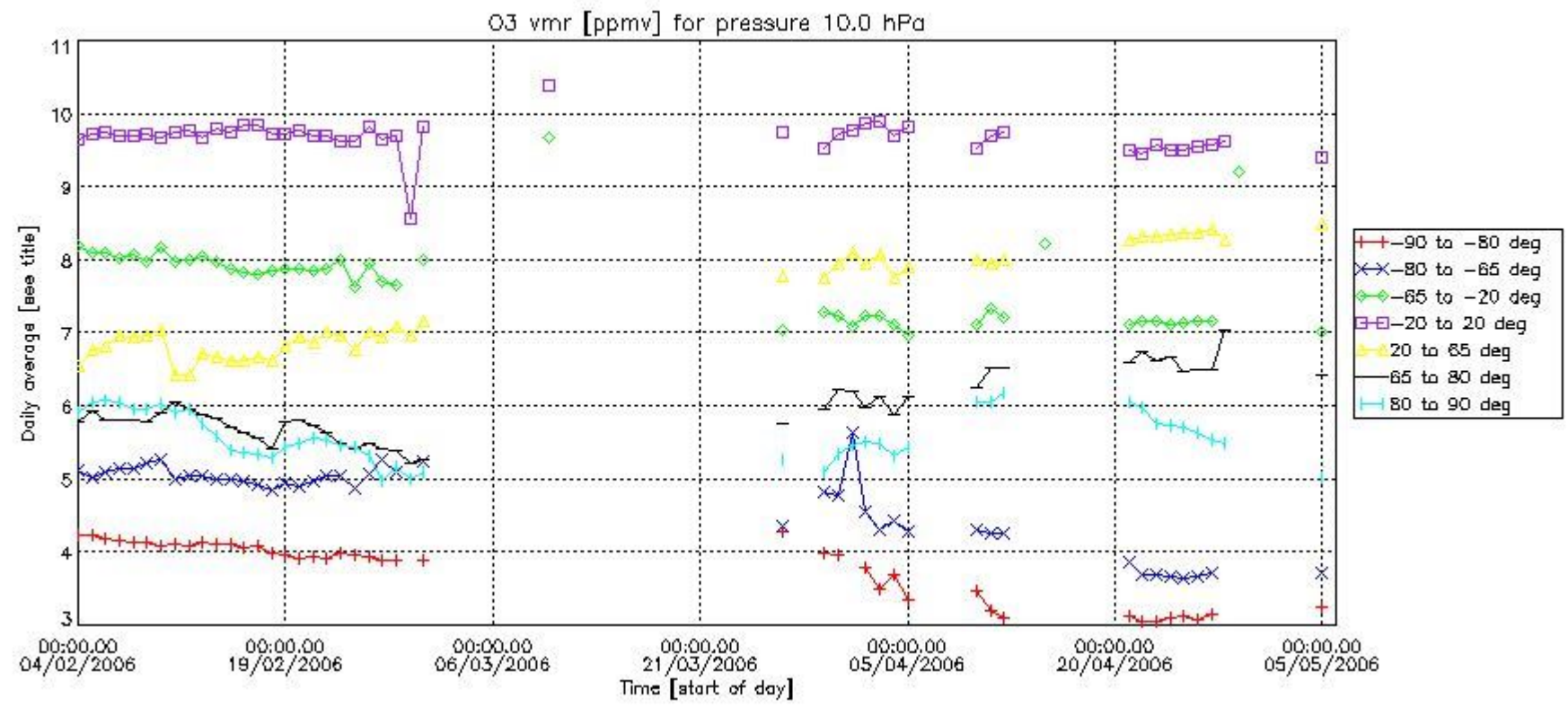


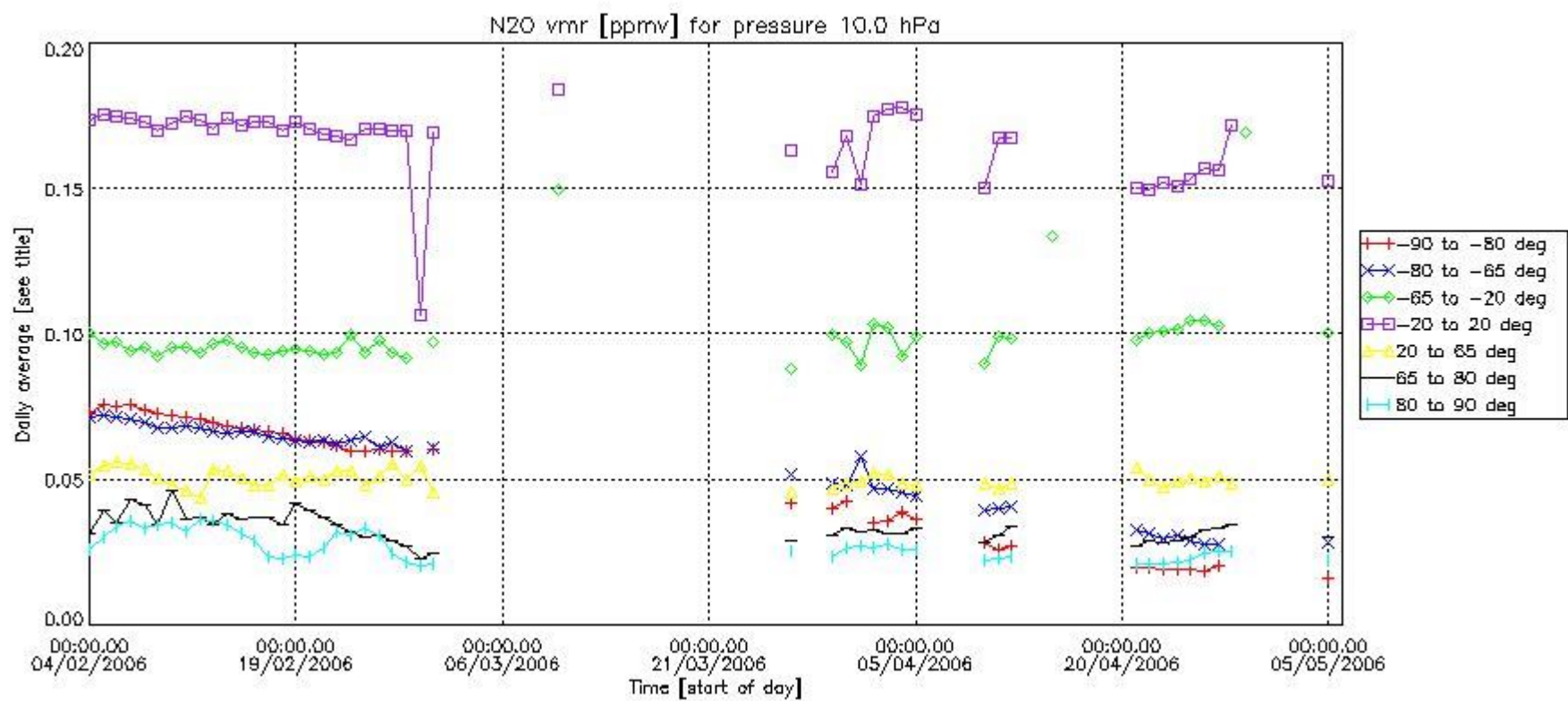
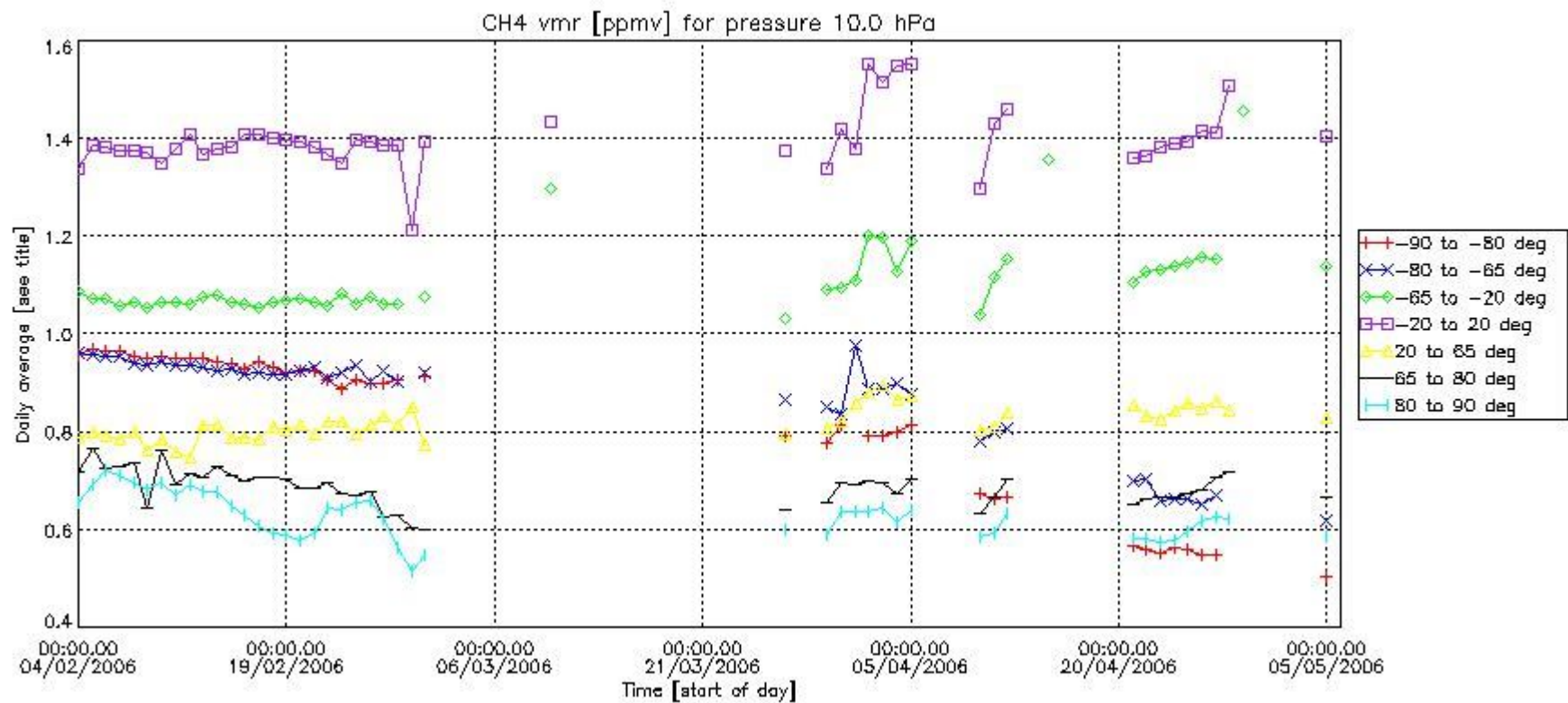


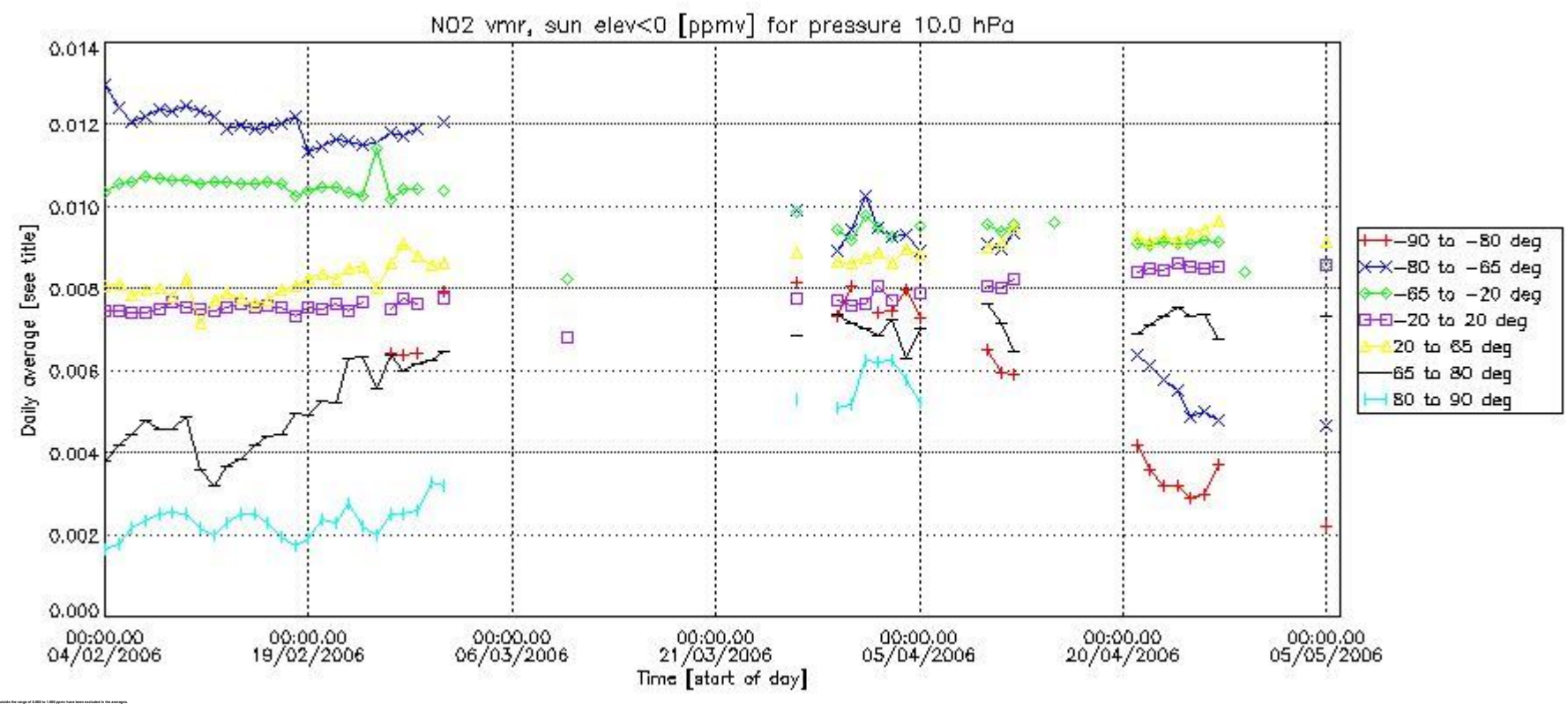
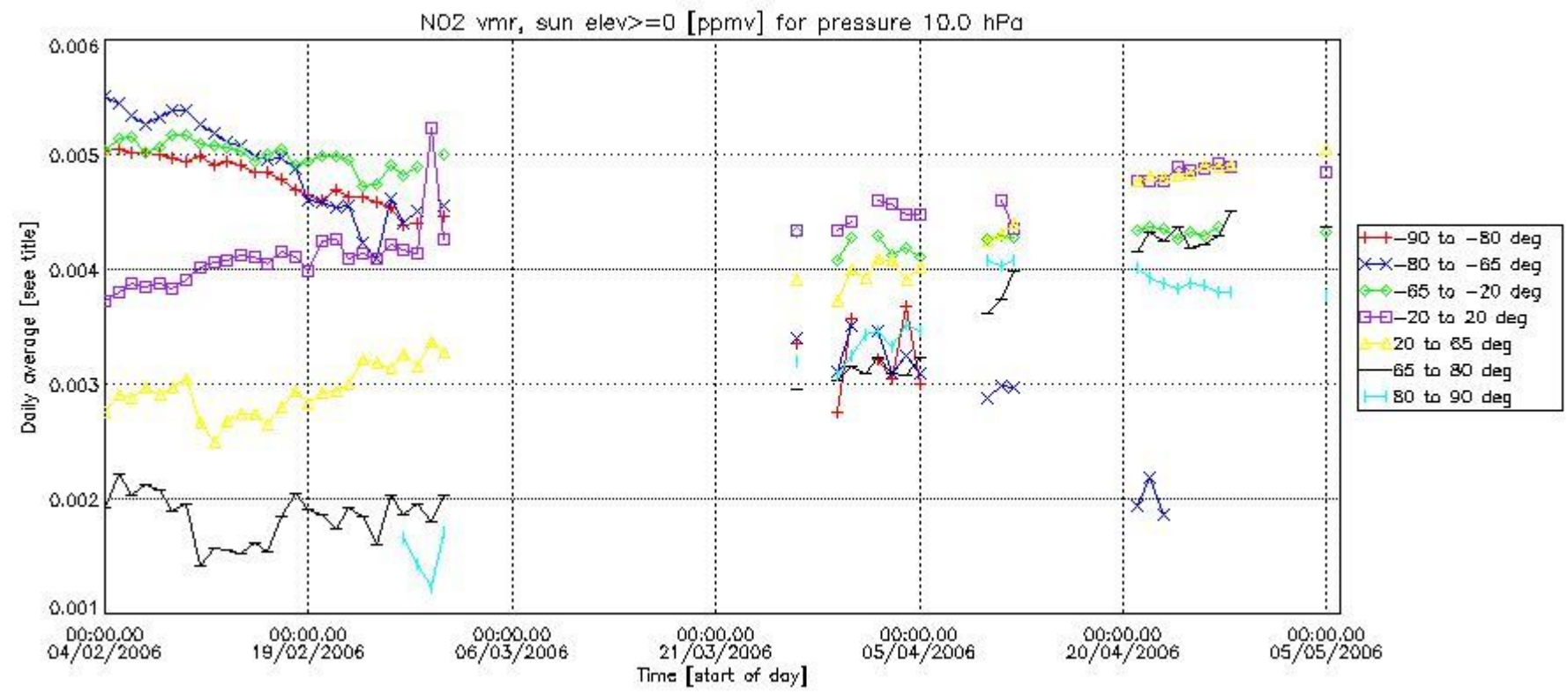


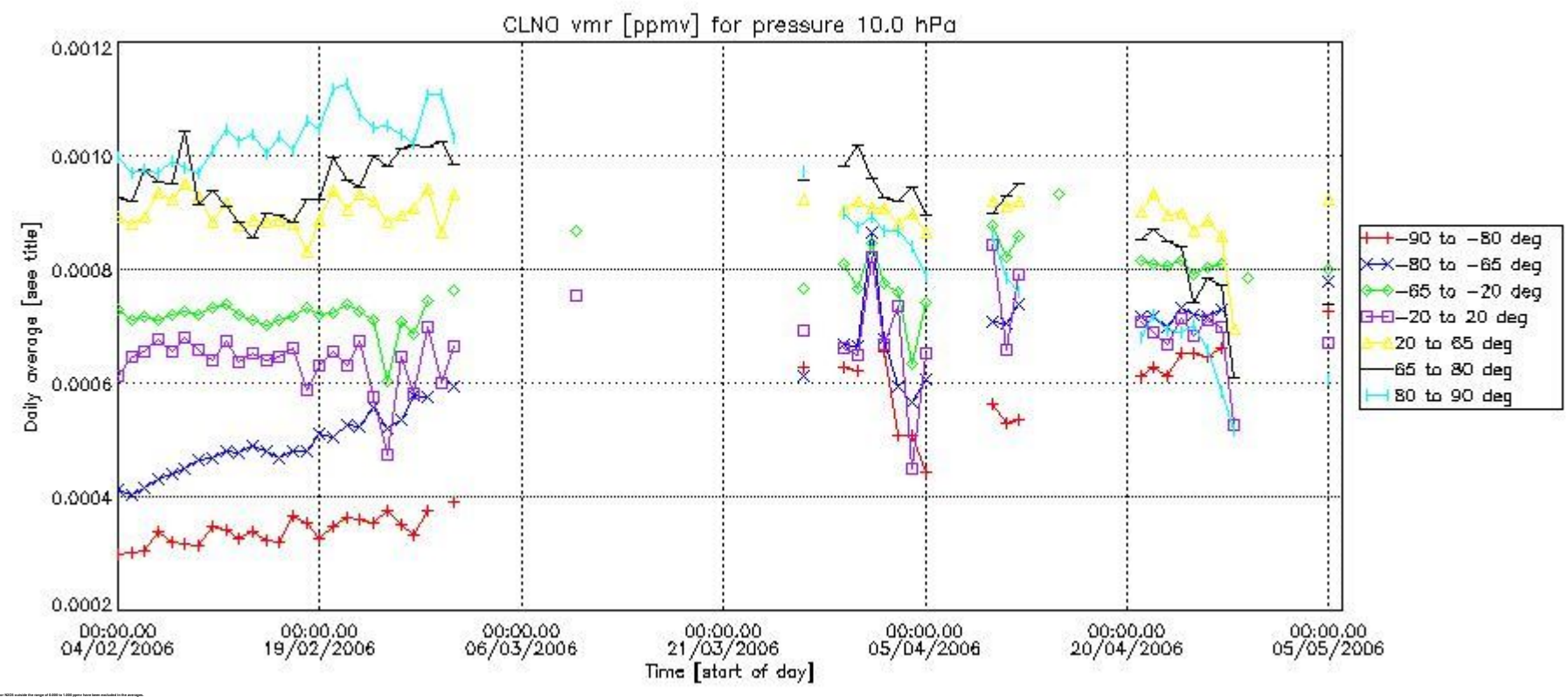
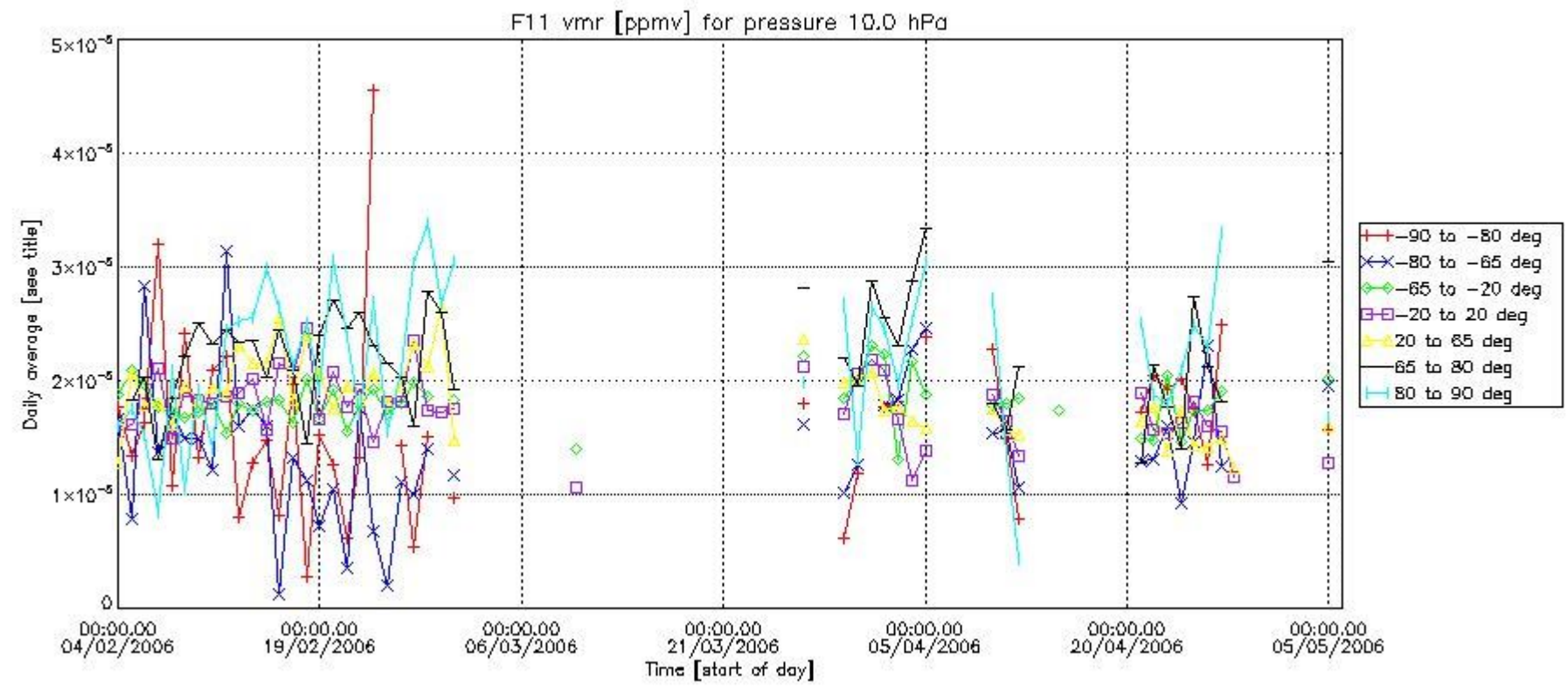


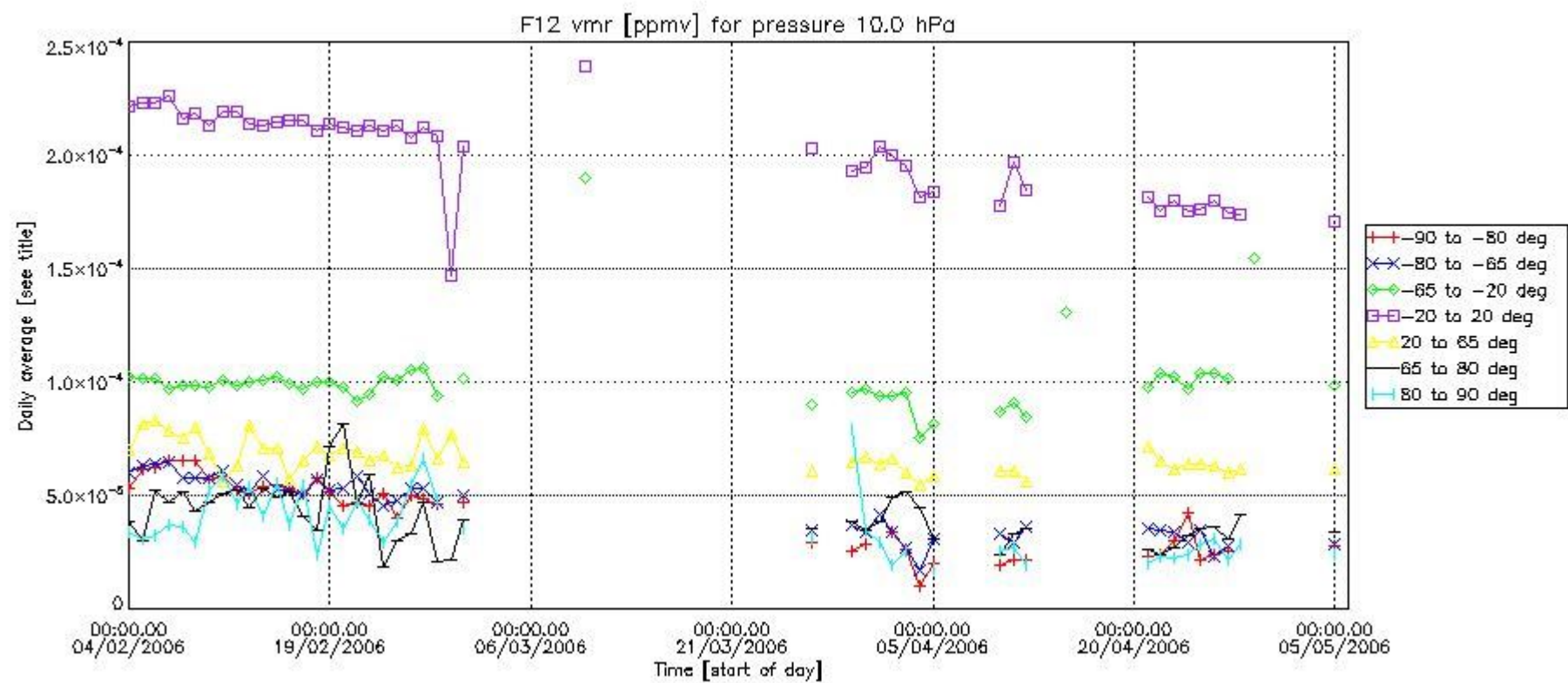
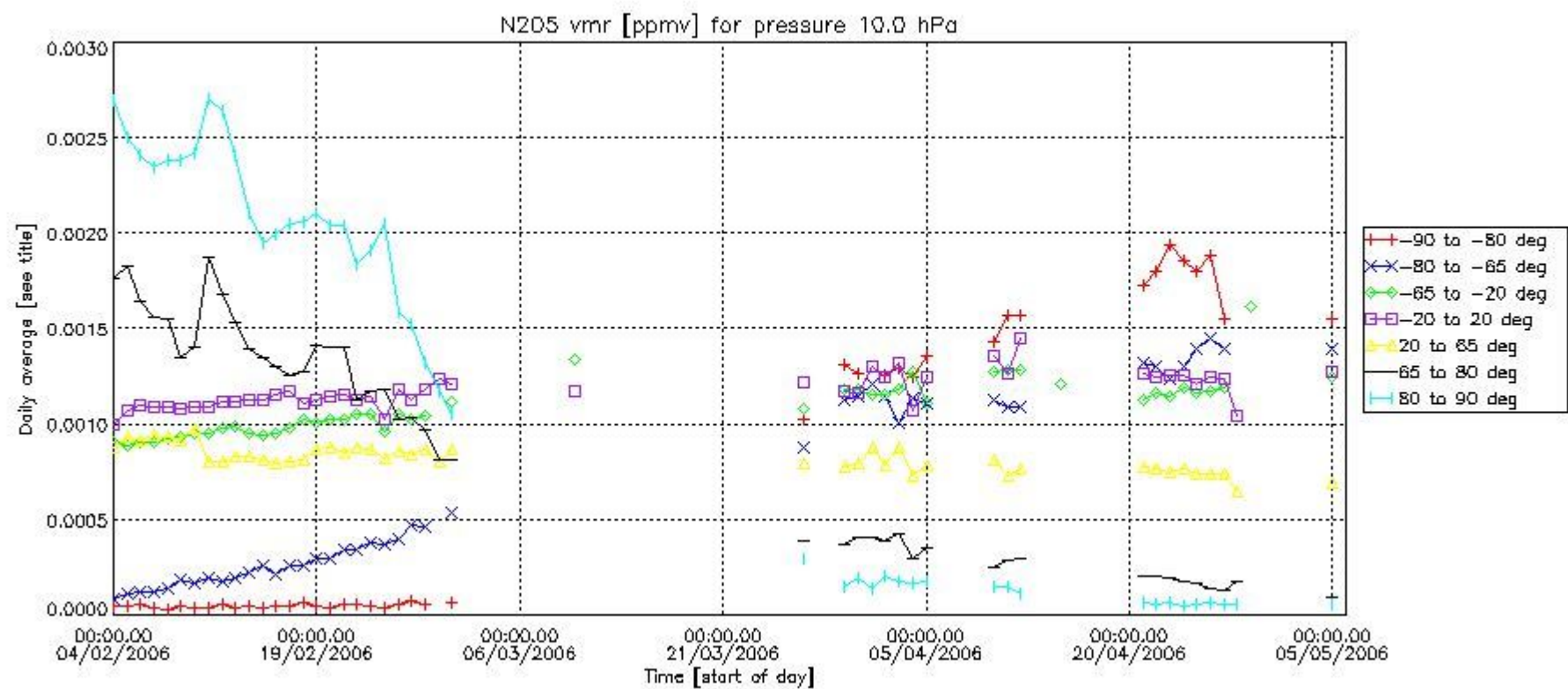


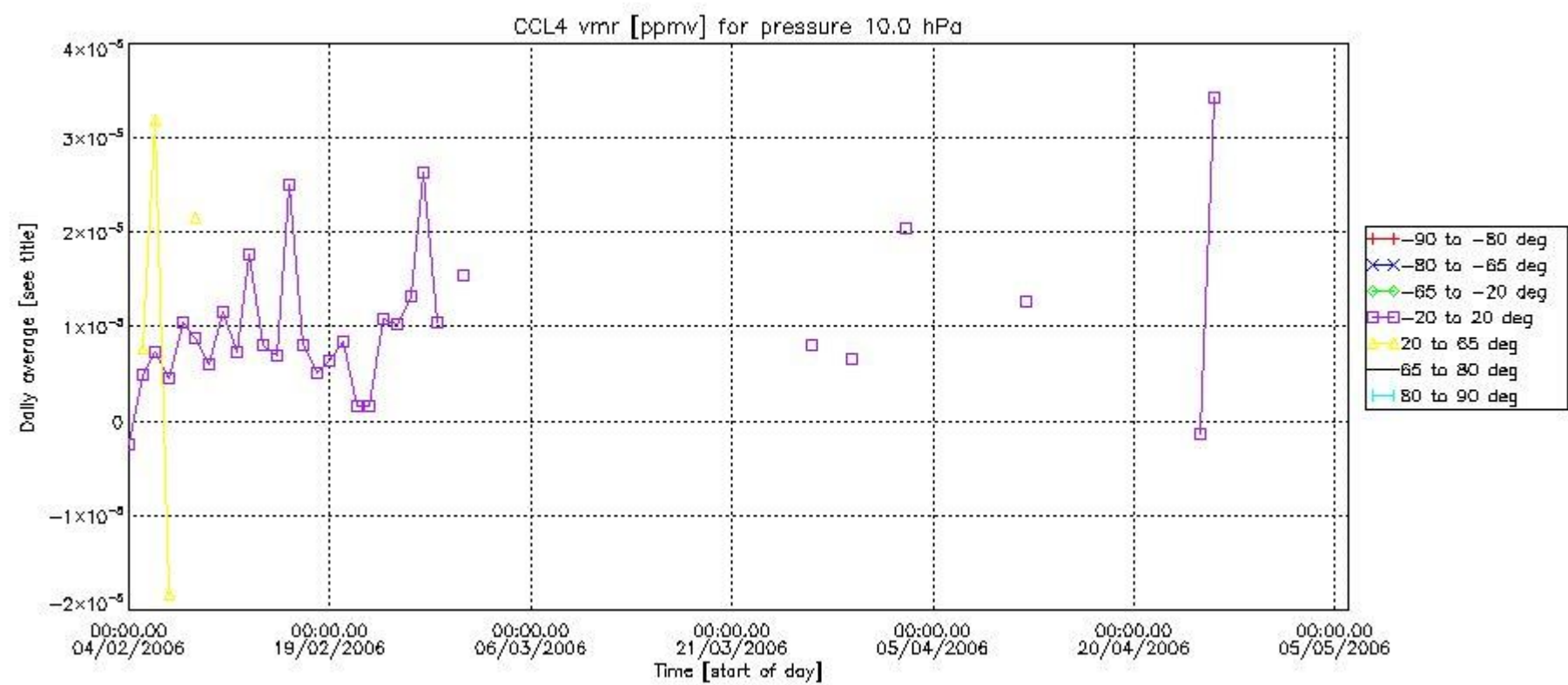
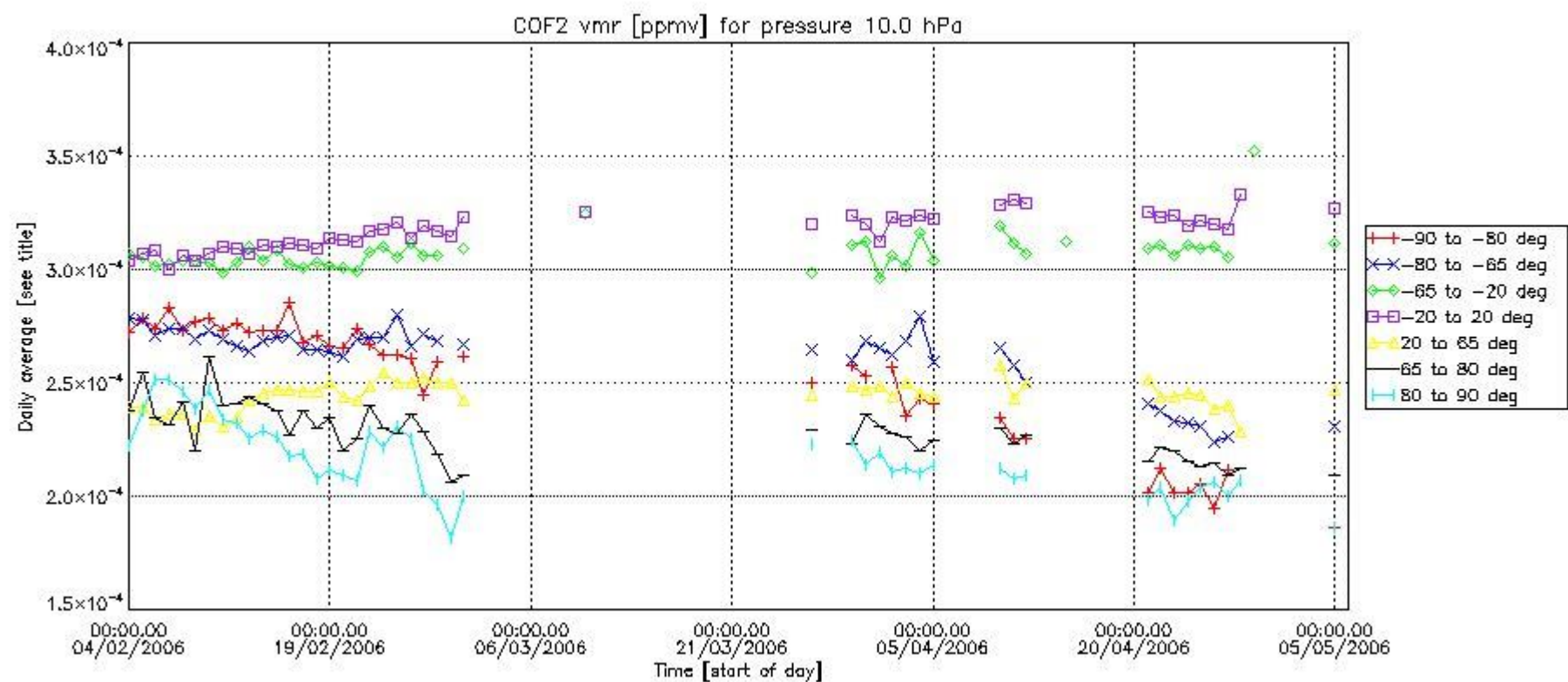


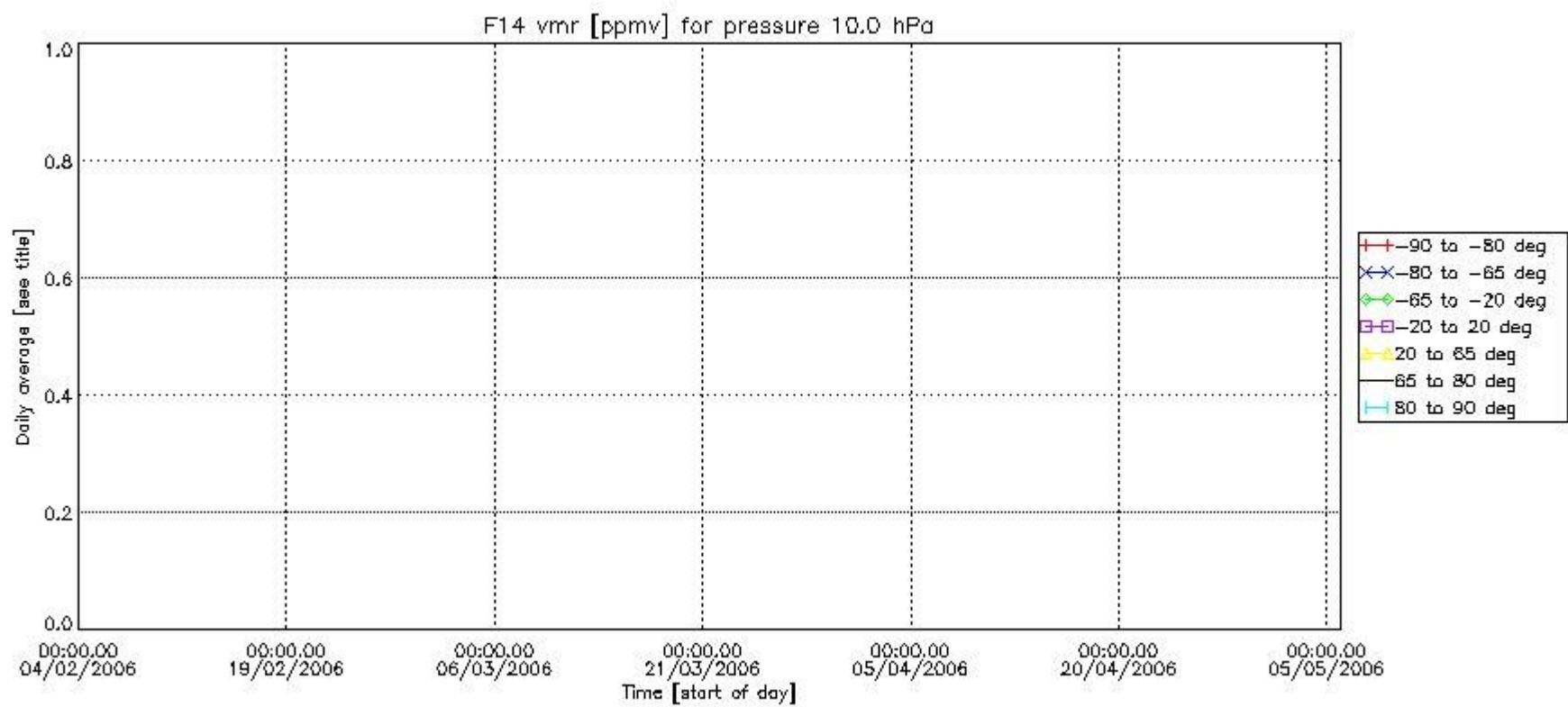
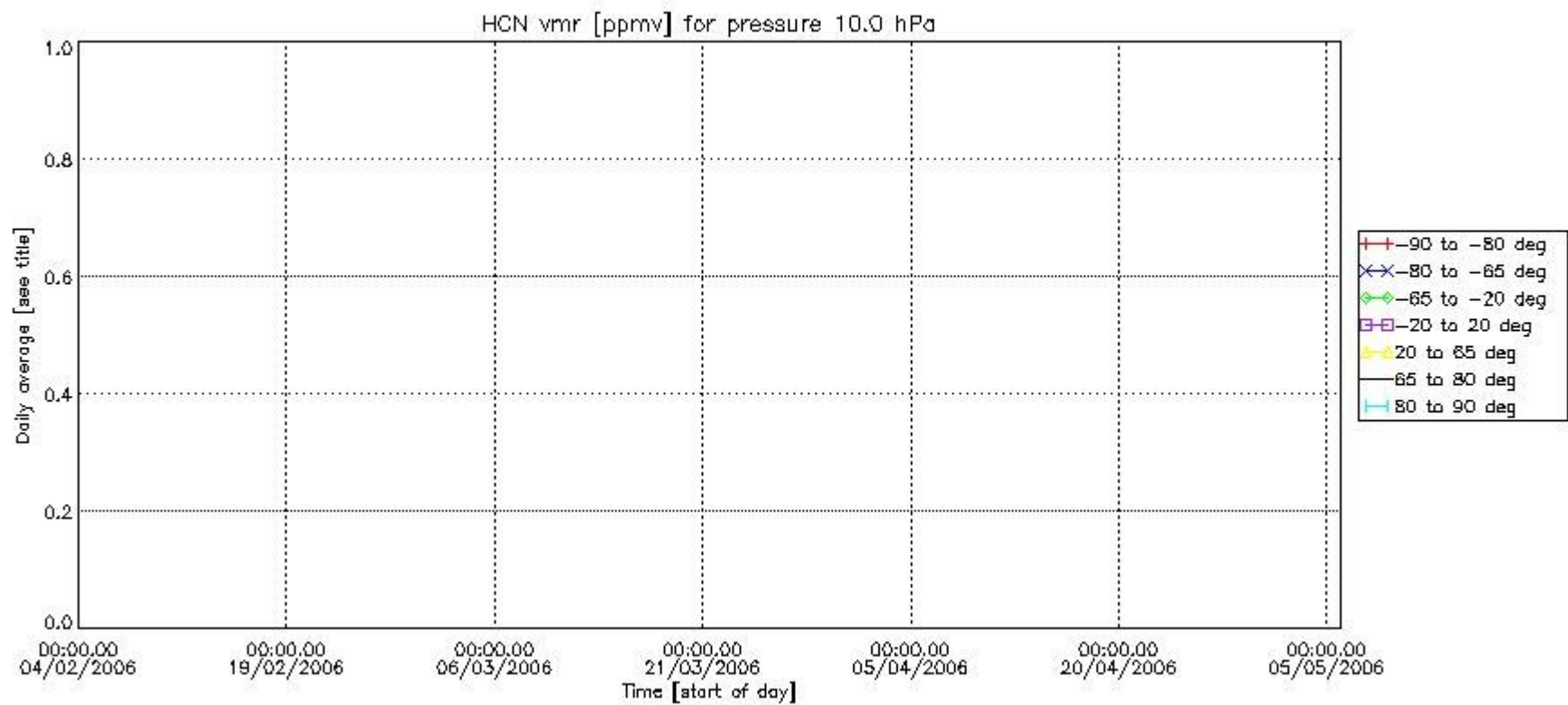


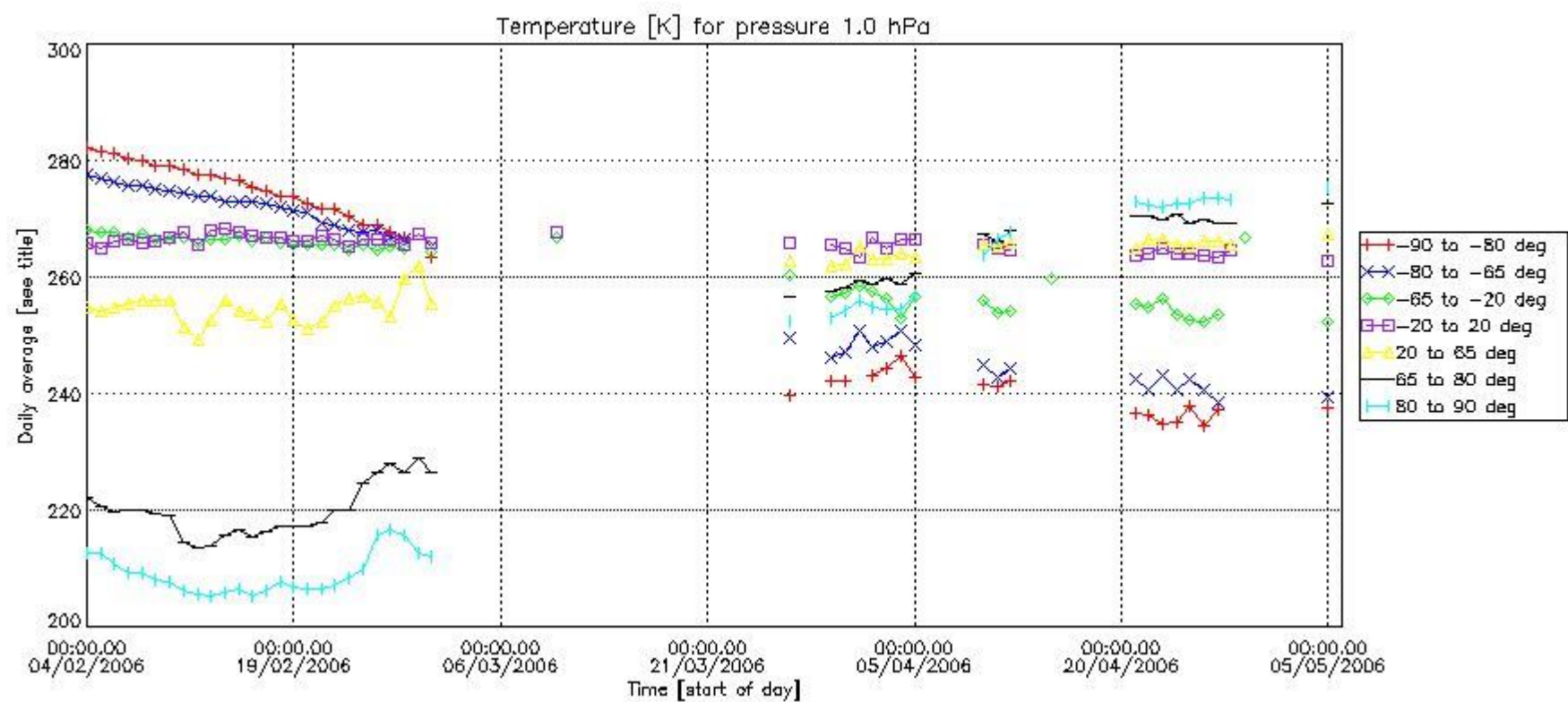
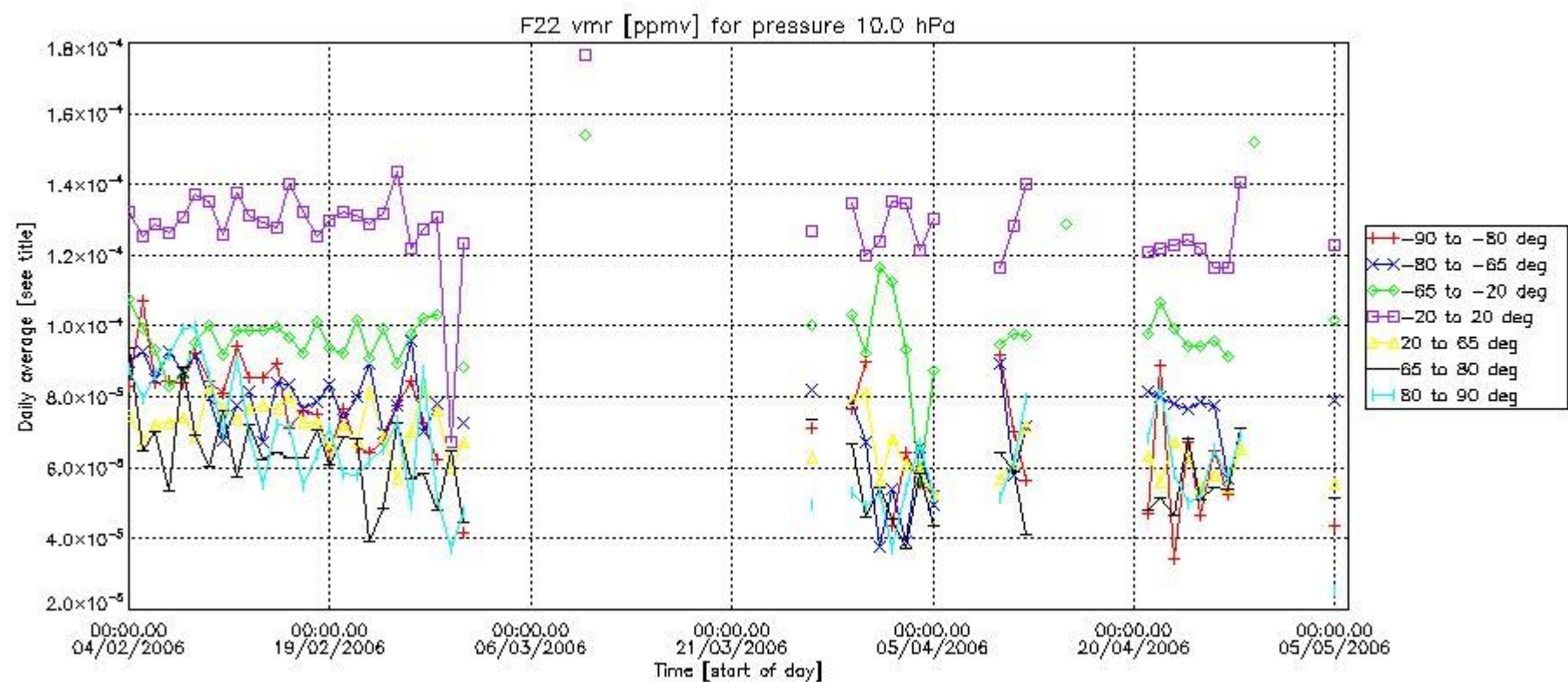


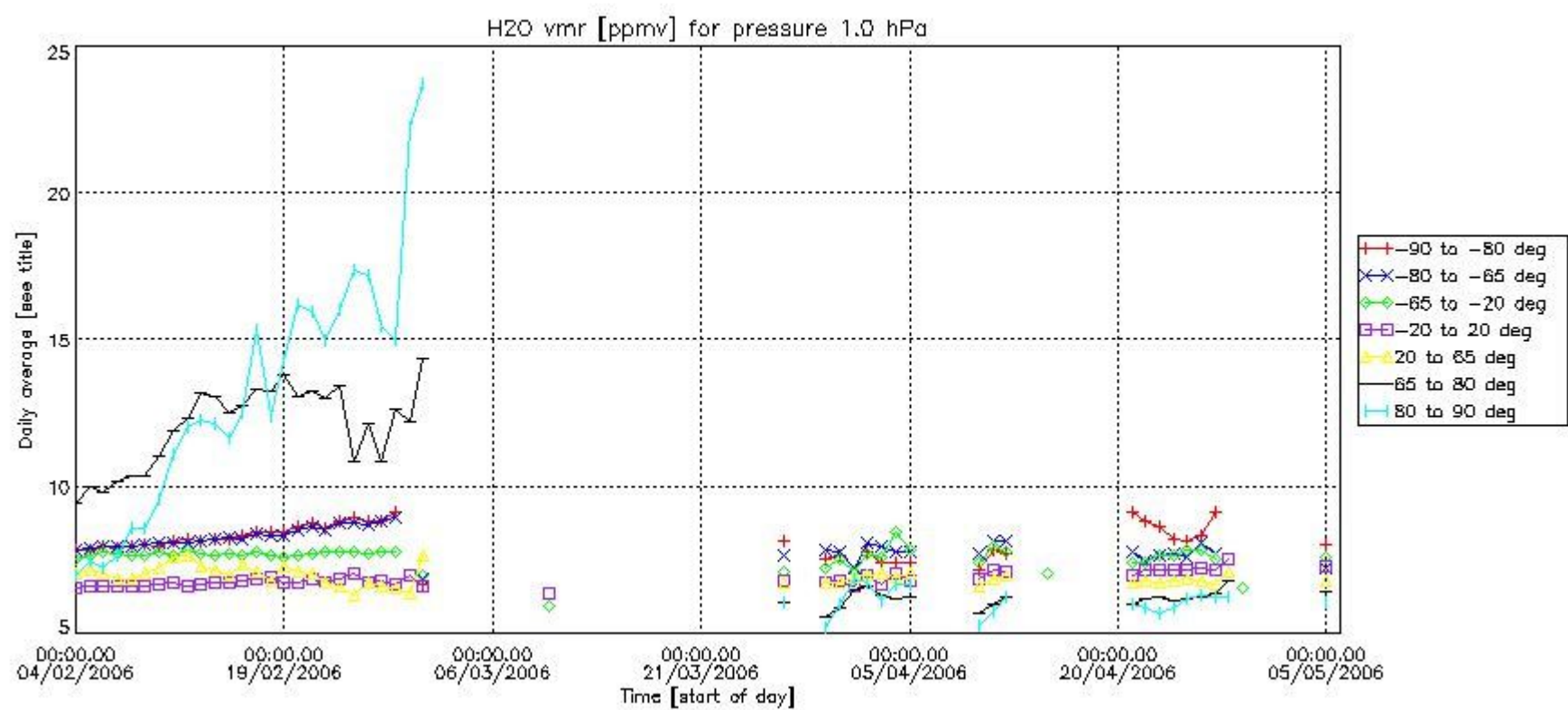
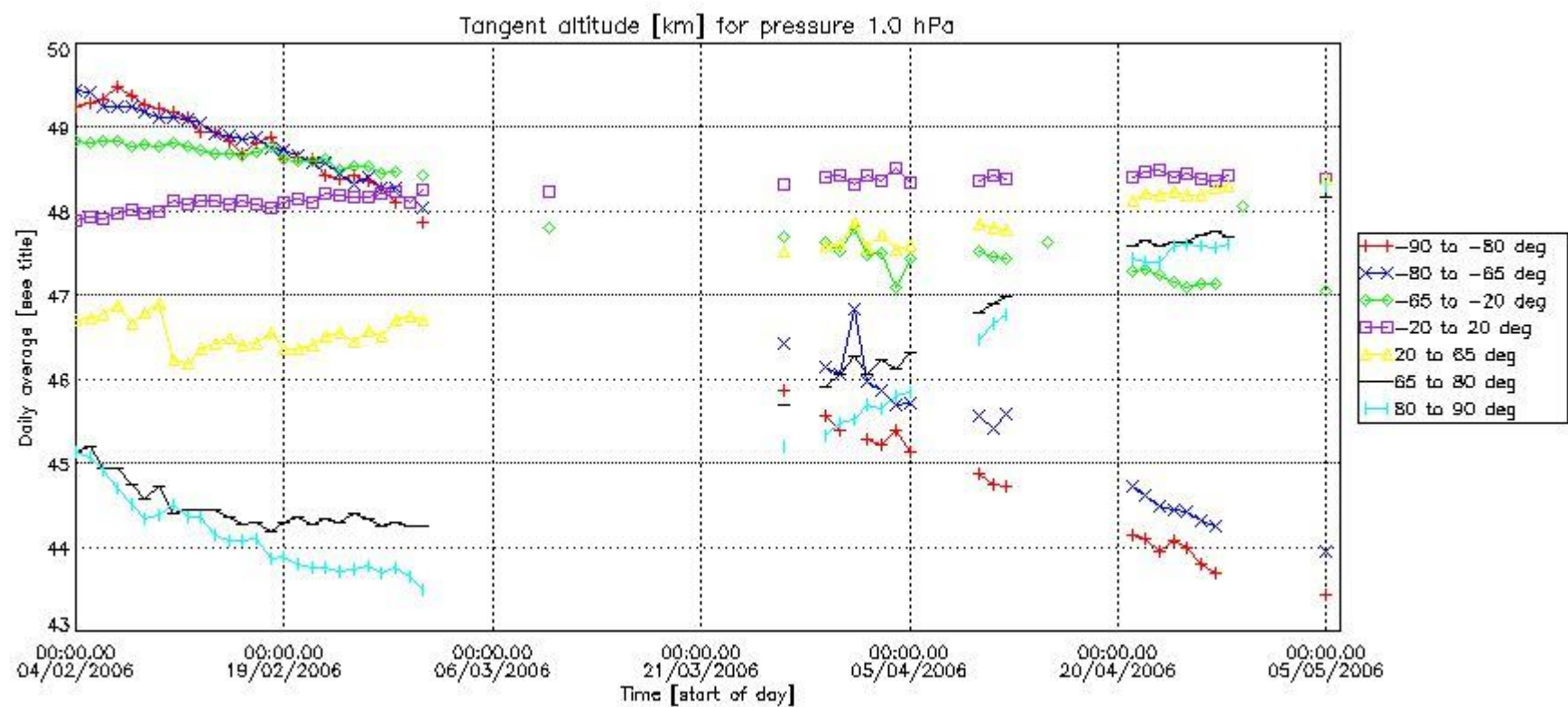


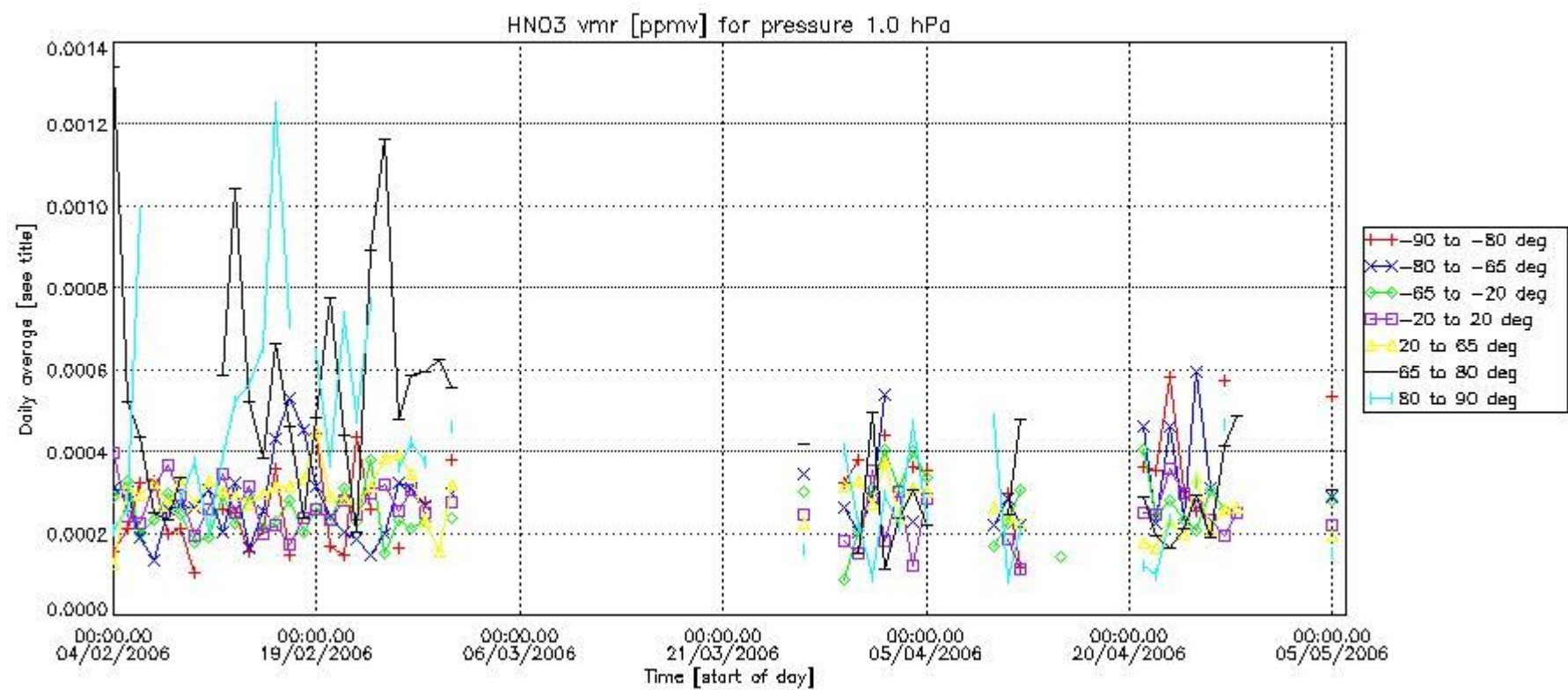
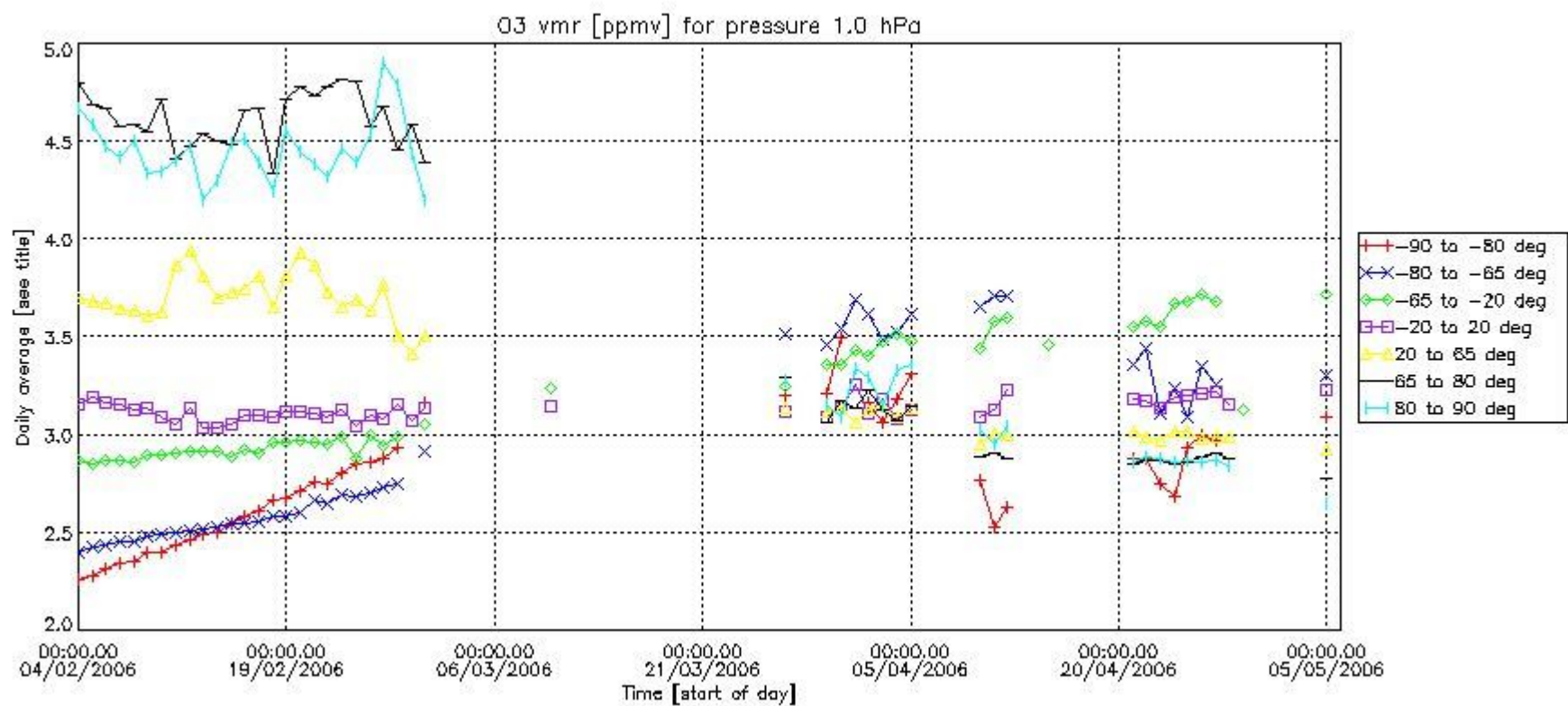


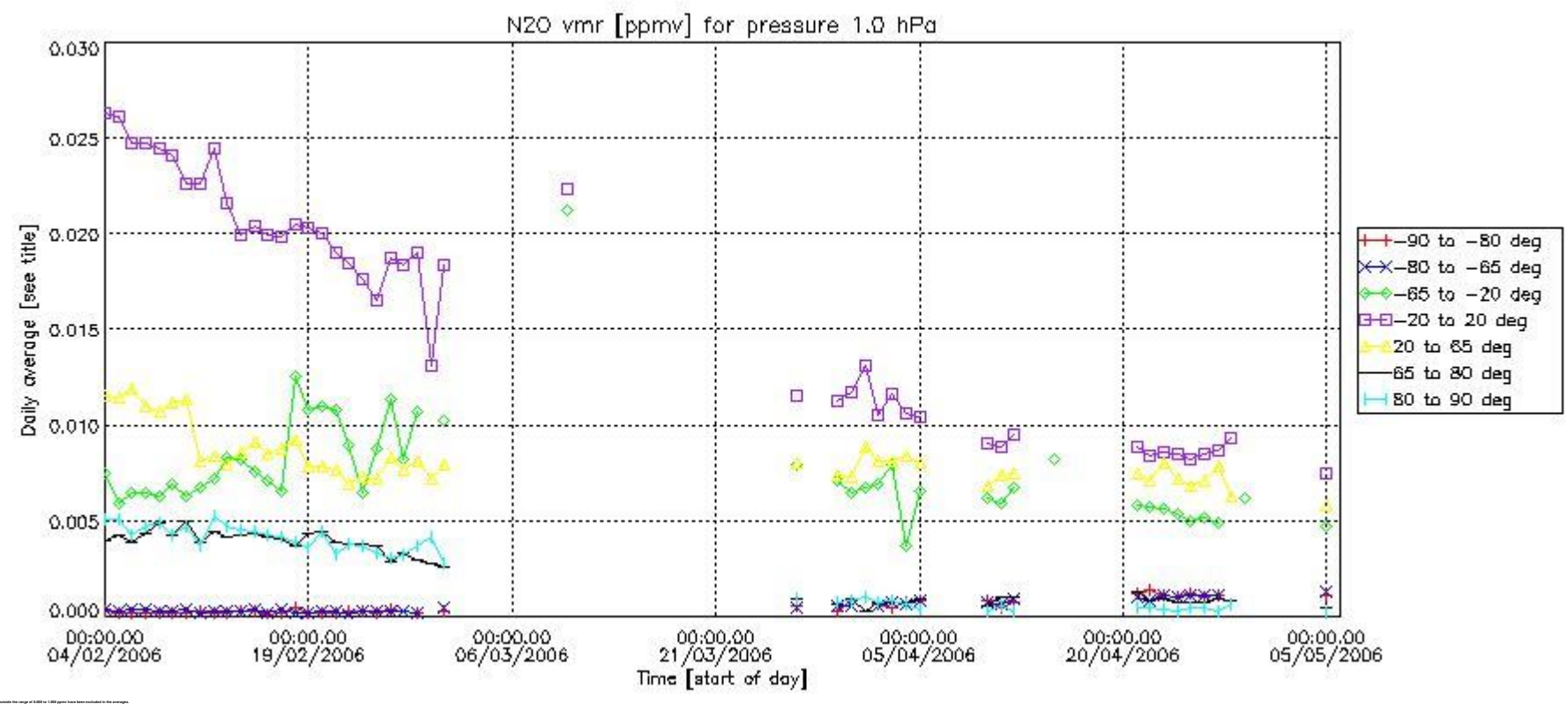
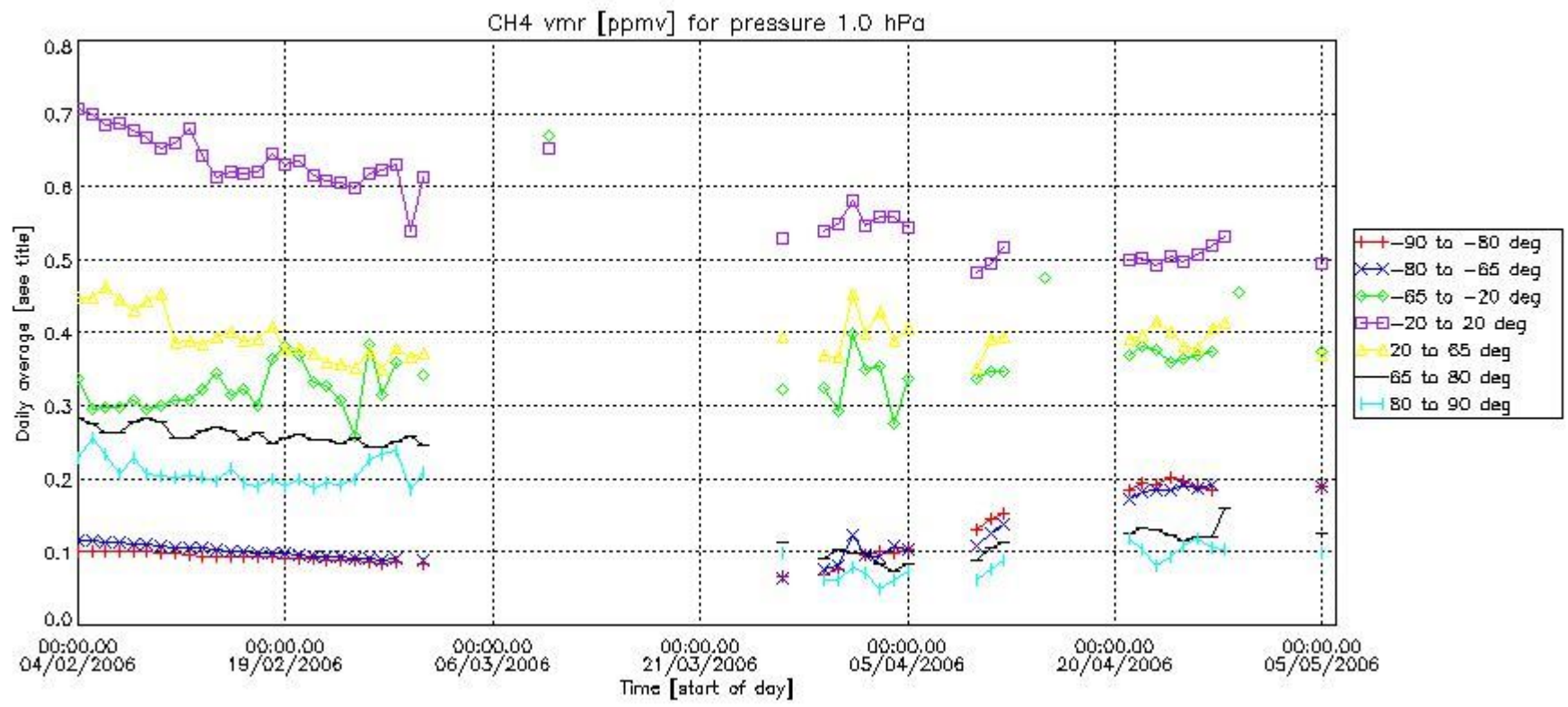


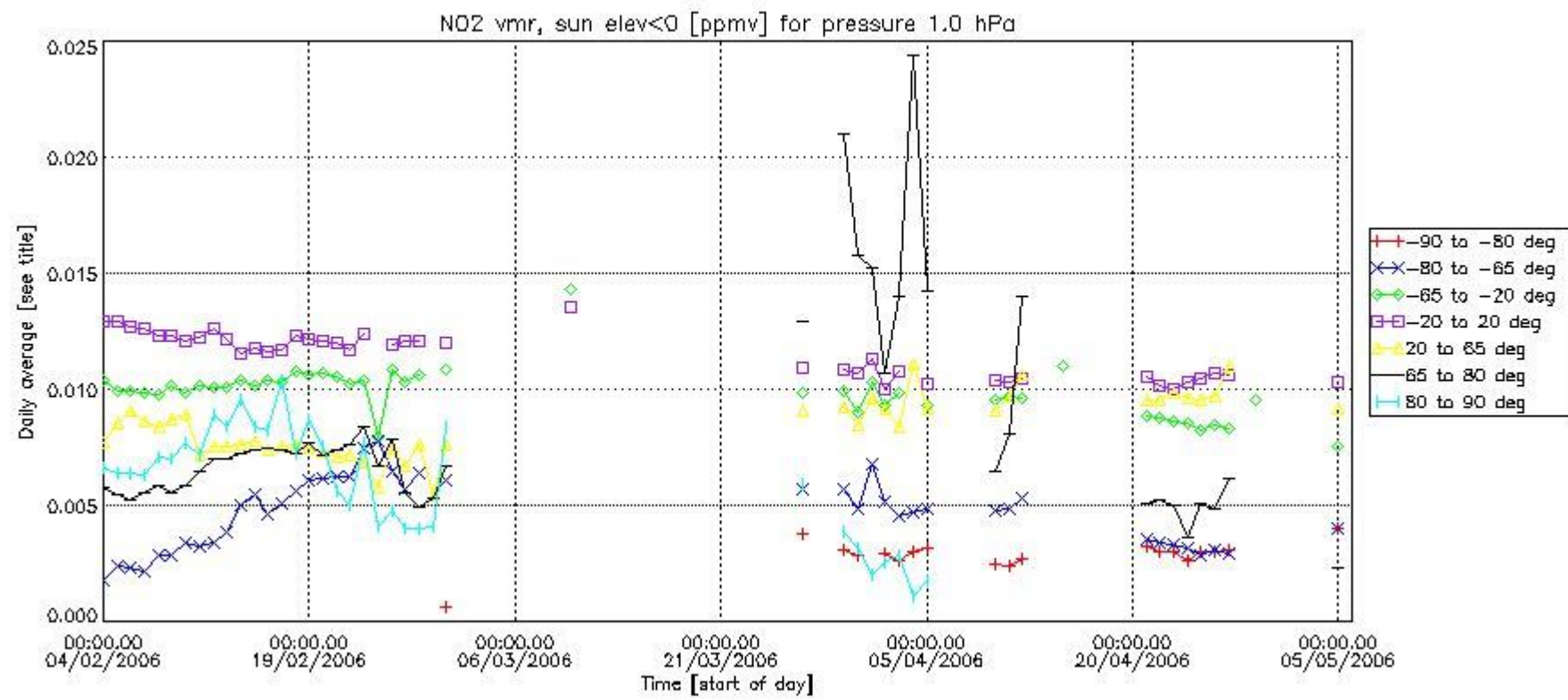
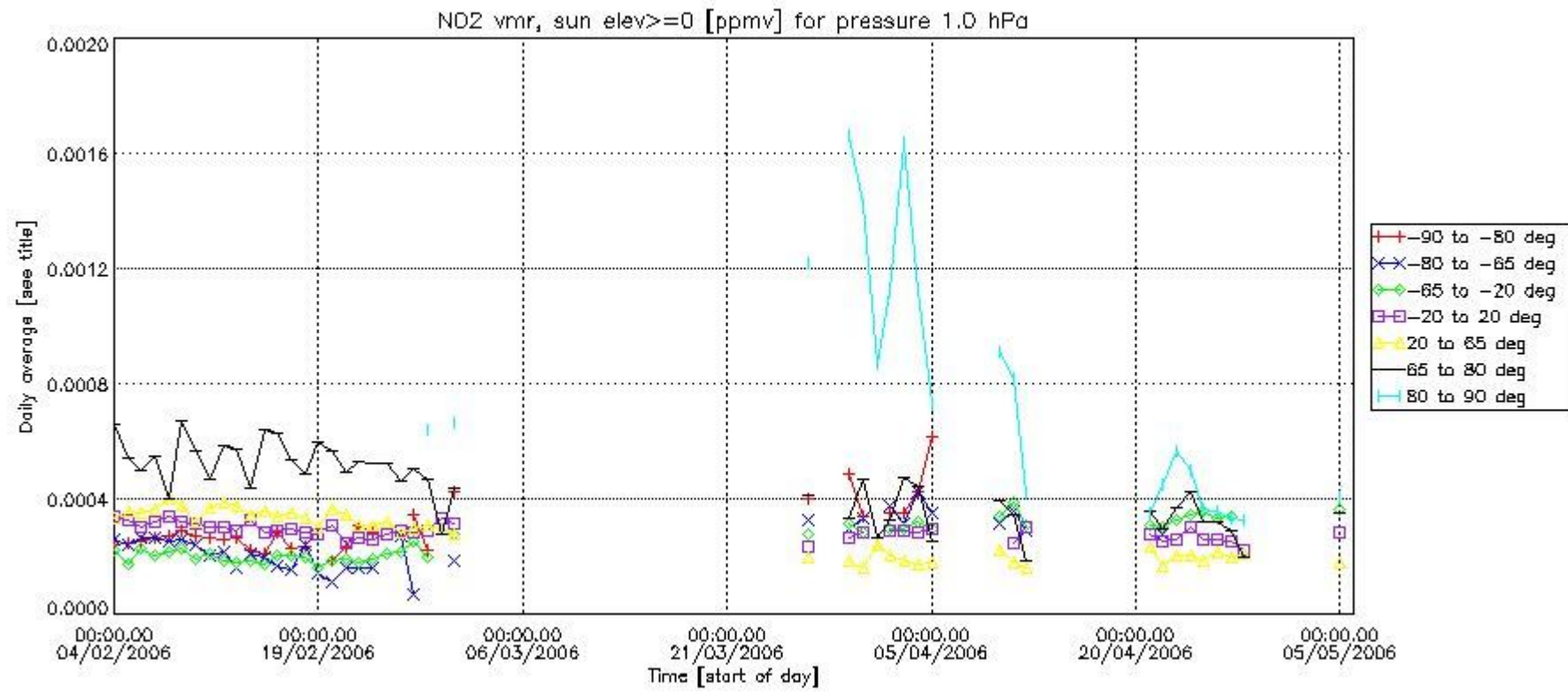


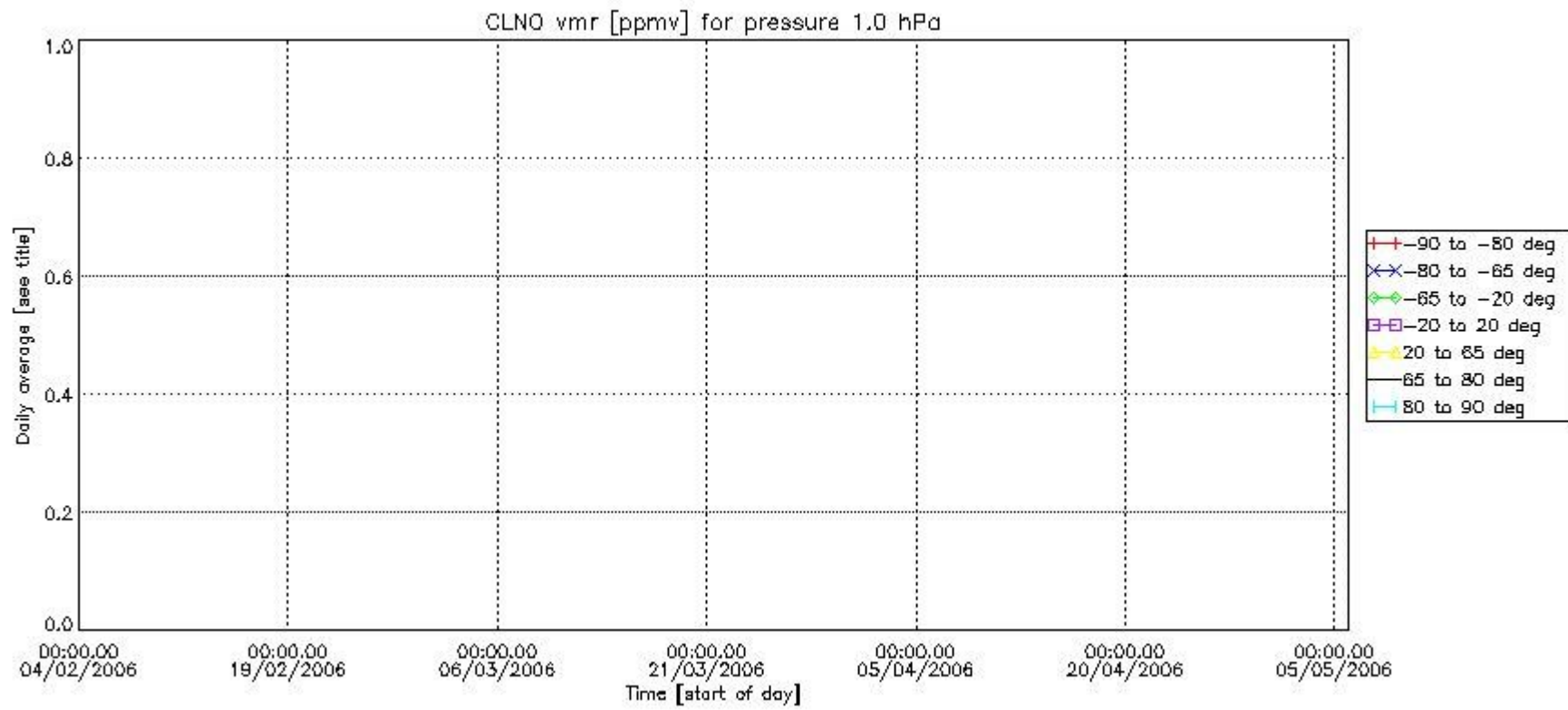
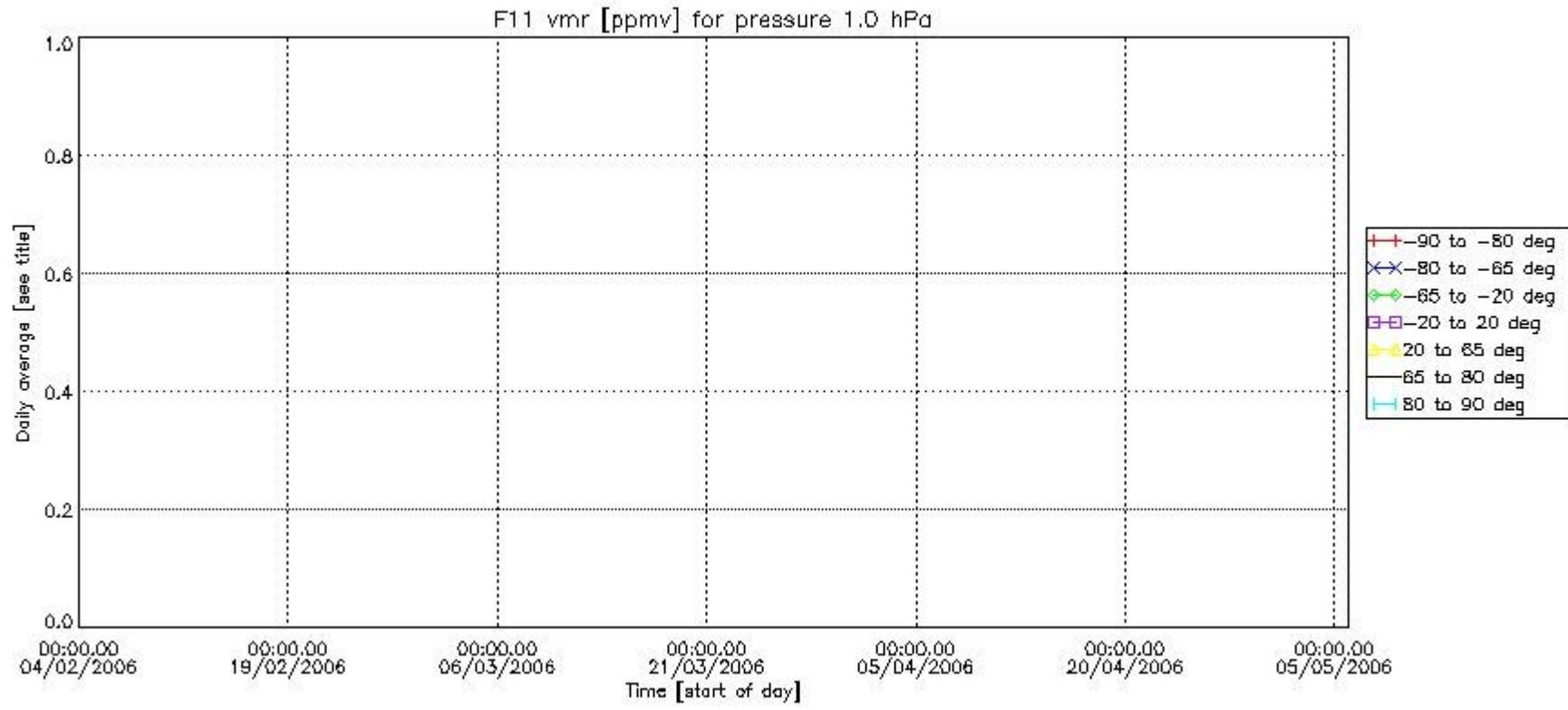


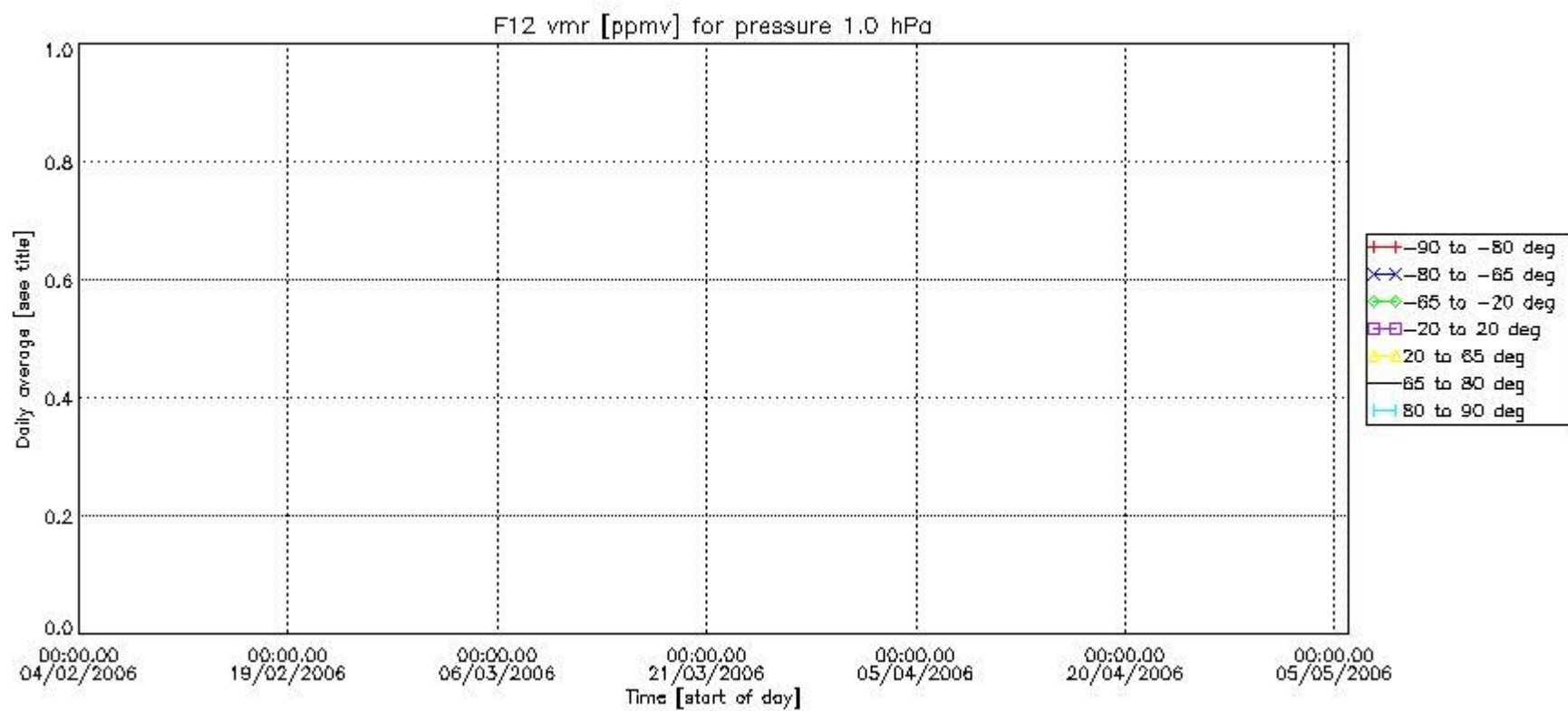
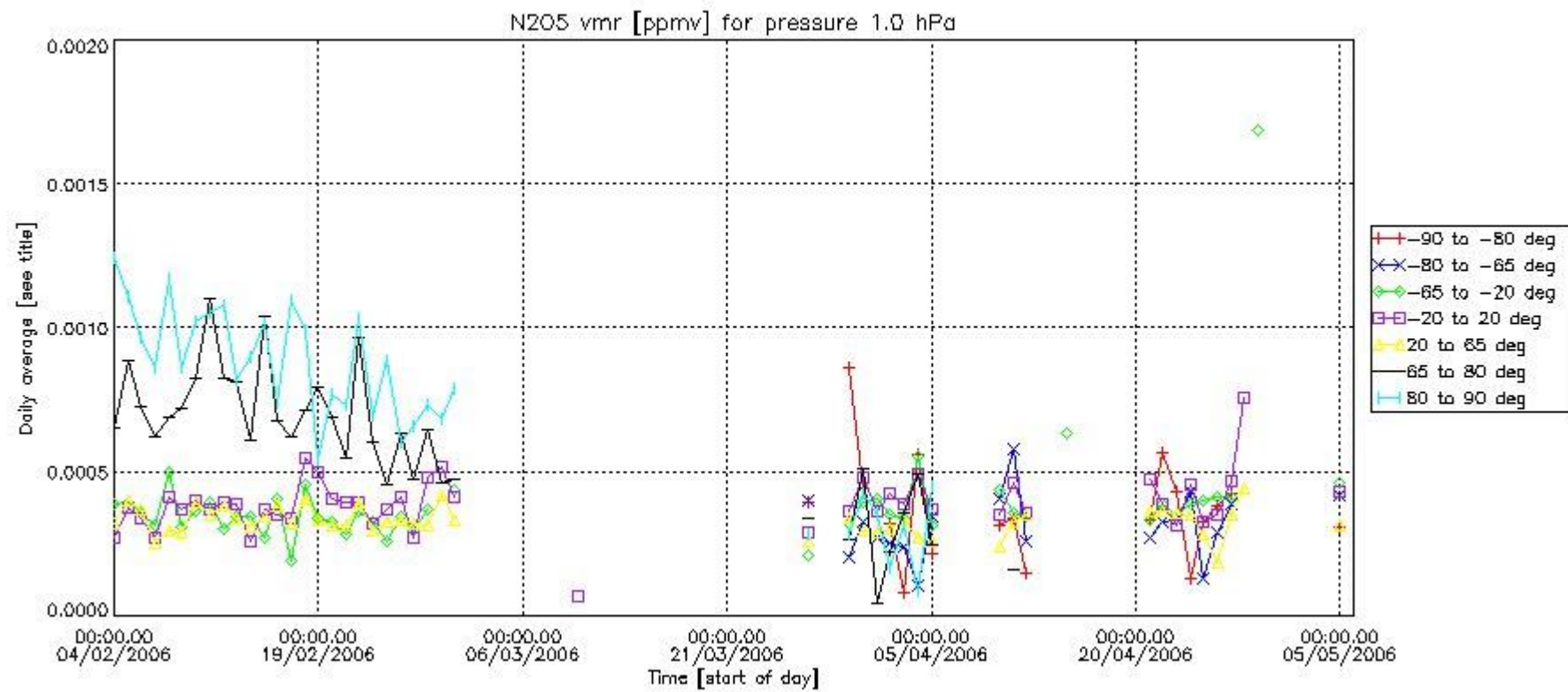


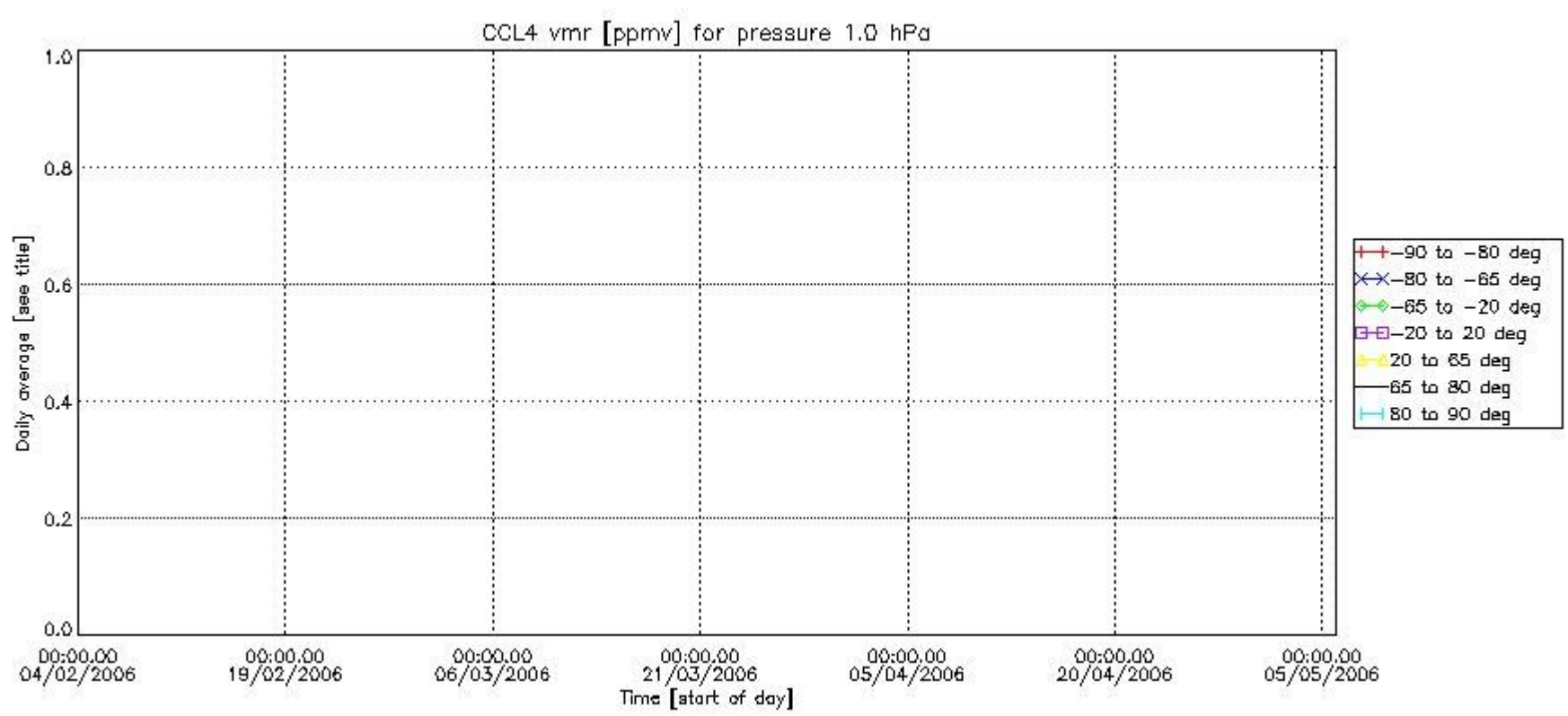
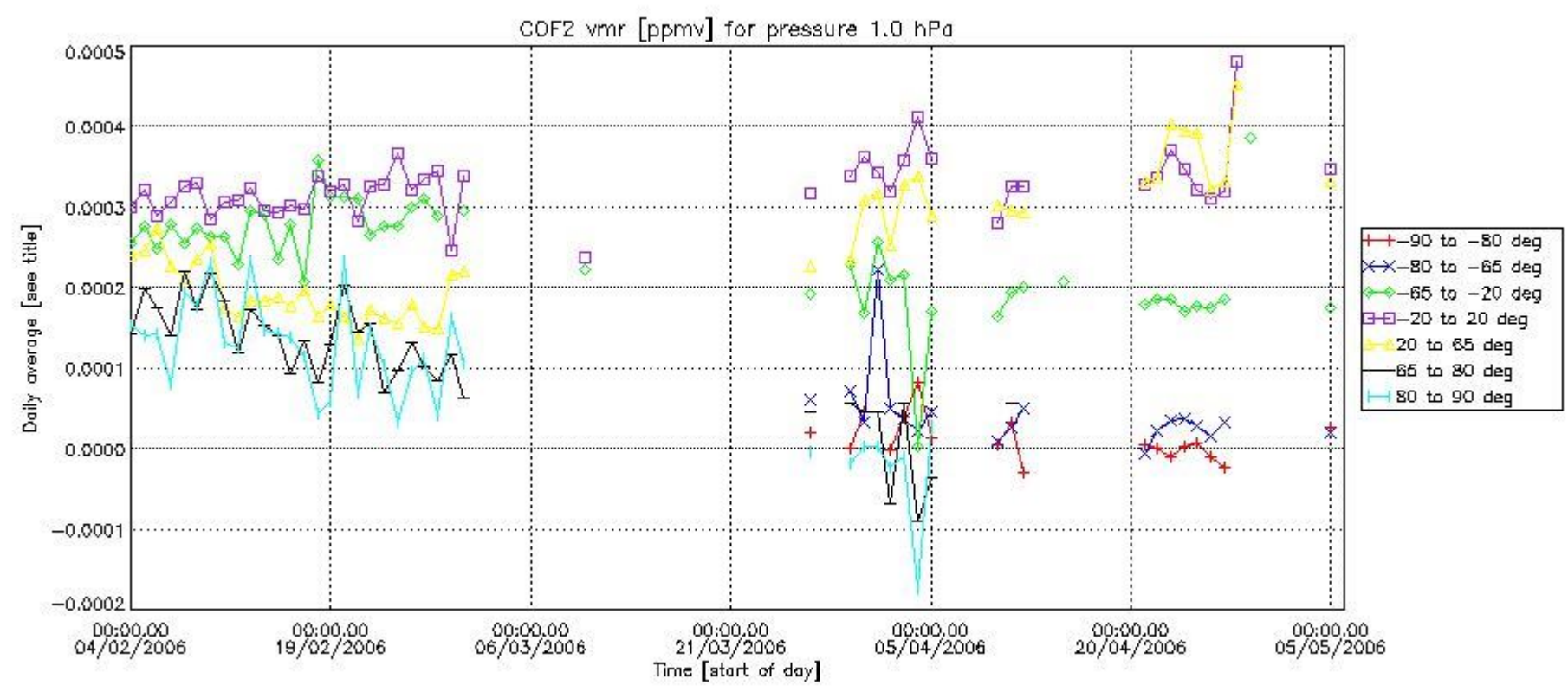


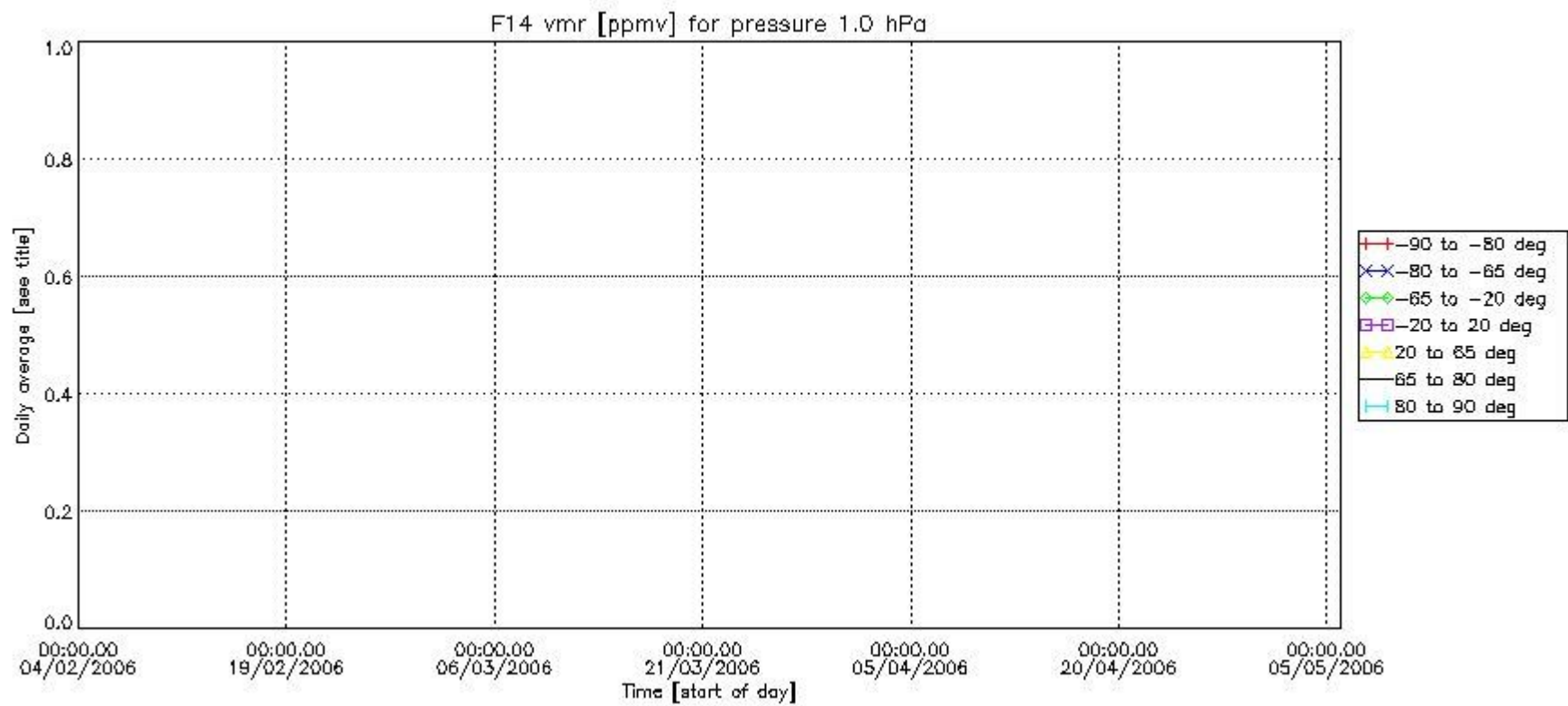
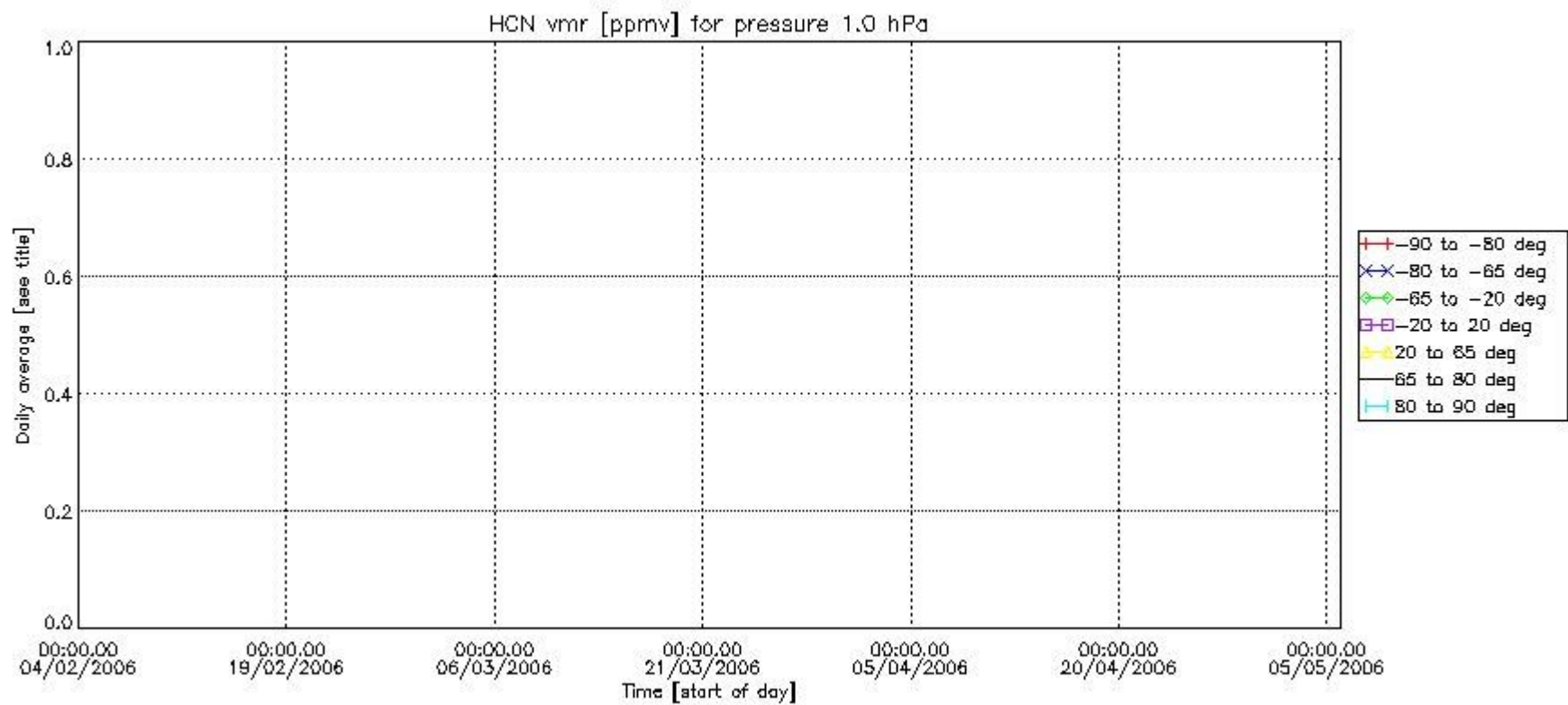


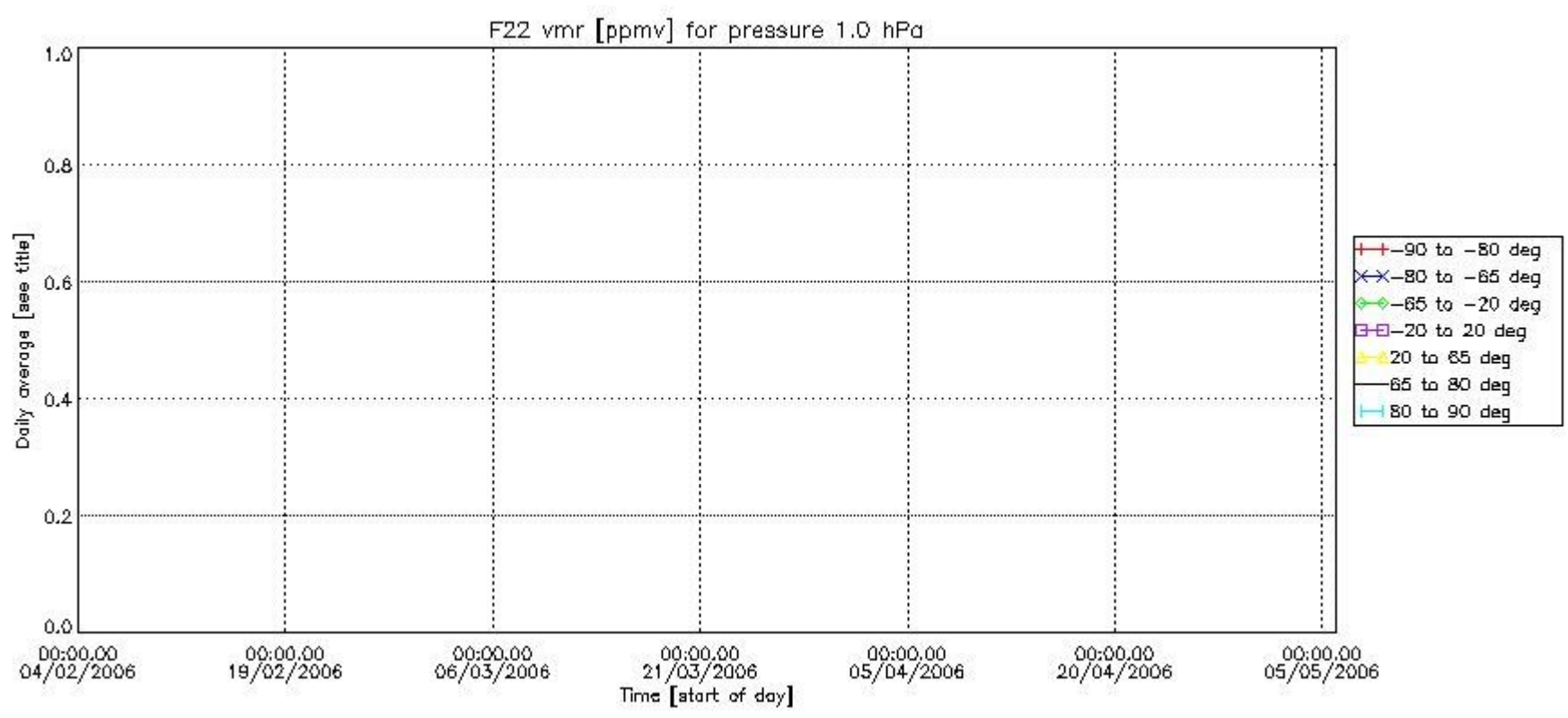












Number of successful retrievals vs. geolocation (*=day side , triangle=night side).

