

2. MIPAS Daily Report for level 2 products summary report

(See [mipas_daily_report_level2_ML2PP_7_03_W_20070207.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 11:16:59
Data source version	ML2PP/7.03-W
Processing scope for products	07FEB2007 00:00:00 to 08FEB2007 00:00:00
Start time of first product within scope	07FEB2007 13:02:56
Stop time of last product within scope	08FEB2007 01:18:04
Total number of level 2 products	8
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_2PWDSI20070207_130256_000018072055_00224_25829_1000.N1	07FEB2007 13:02:56	07FEB2007 13:33:04	0	40/40	
1	MIP_NL_2PWDSI20070207_133354_000060352055_00225_25830_1000.N1	07FEB2007 13:33:54	07FEB2007 15:14:29	0	133/133	VMR_TERM_MACRO_MICRO[F14/macro:2]
2	MIP_NL_2PWDSI20070207_151435_000059912055_00226_25831_1000.N1	07FEB2007 15:14:35	07FEB2007 16:54:25	0	132/132	VMR_TERM_MACRO_MICRO[F14/macro:1]
3	MIP_NL_2PWDSI20070207_165501_000060352055_00227_25832_1000.N1	07FEB2007 16:55:01	07FEB2007 18:35:36	0	129/129	VMR_TERM_MACRO_MICRO[HCN/micro:2]
4	MIP_NL_2PWDSI20070207_183542_000060352055_00228_25833_1000.N1	07FEB2007 18:35:42	07FEB2007 20:16:16	0	133/133	VMR_TERM_MACRO_MICRO[HCN/macro:1; HCN/micro:4]
5	MIP_NL_2PWDSI20070207_201623_000059912055_00229_25834_1000.N1	07FEB2007 20:16:23	07FEB2007 21:56:13	0	132/132	VMR_TERM_MACRO_MICRO[HCN/micro:4]
6	MIP_NL_2PWDSI20070207_215649_000060342055_00230_25835_1000.N1	07FEB2007 21:56:49	07FEB2007 23:37:23	0	129/129	VMR_TERM_MACRO_MICRO[F14/macro:3; HCN/micro:3; F14/micro:1]
7	MIP_NL_2PWDSI20070207_233730_000060352055_00231_25836_1000.N1	07FEB2007 23:37:30	08FEB2007 01:18:04	0	133/133	VMR_TERM_MACRO_MICRO[HCN/micro:4]

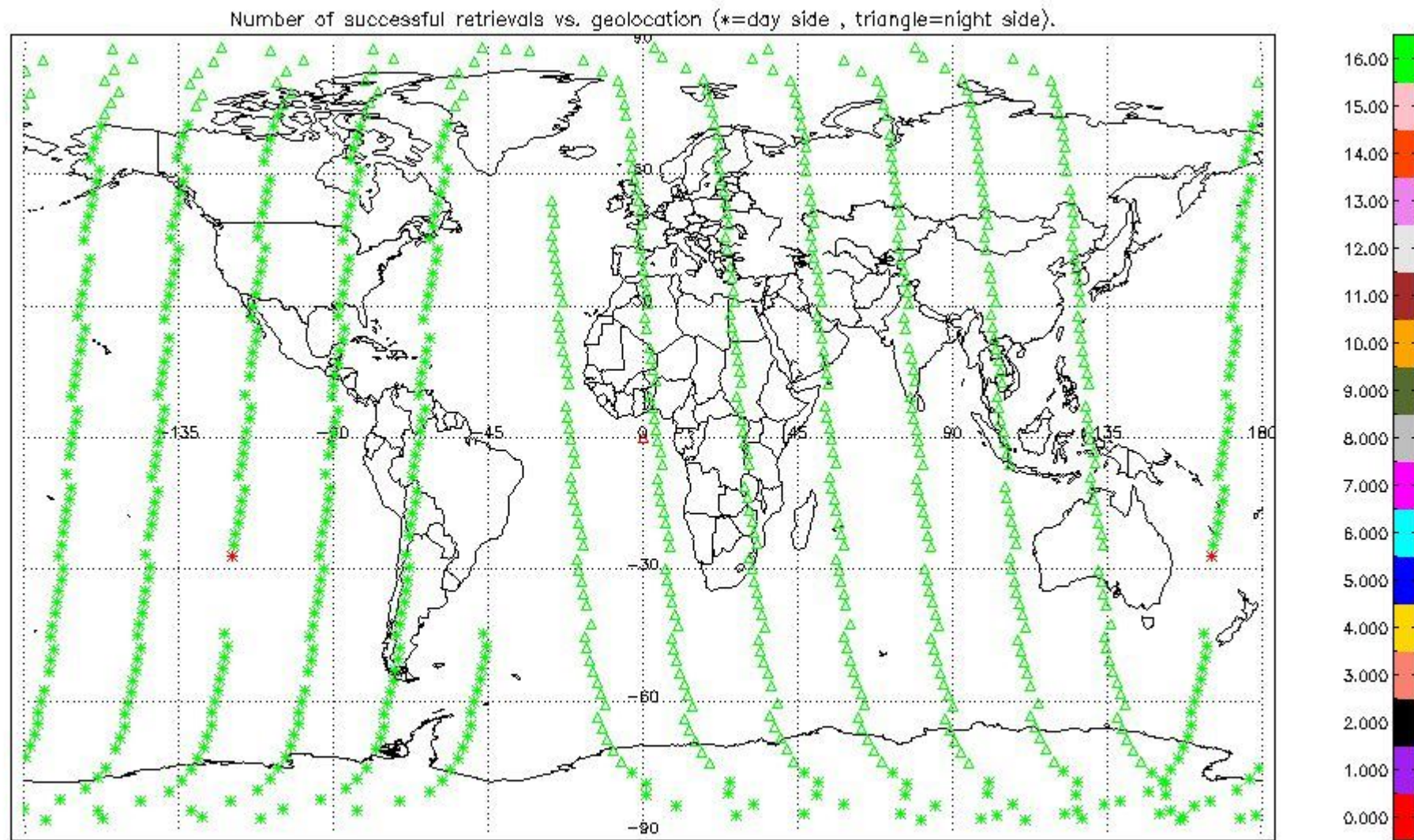
2.2 Processing performance indicators

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.

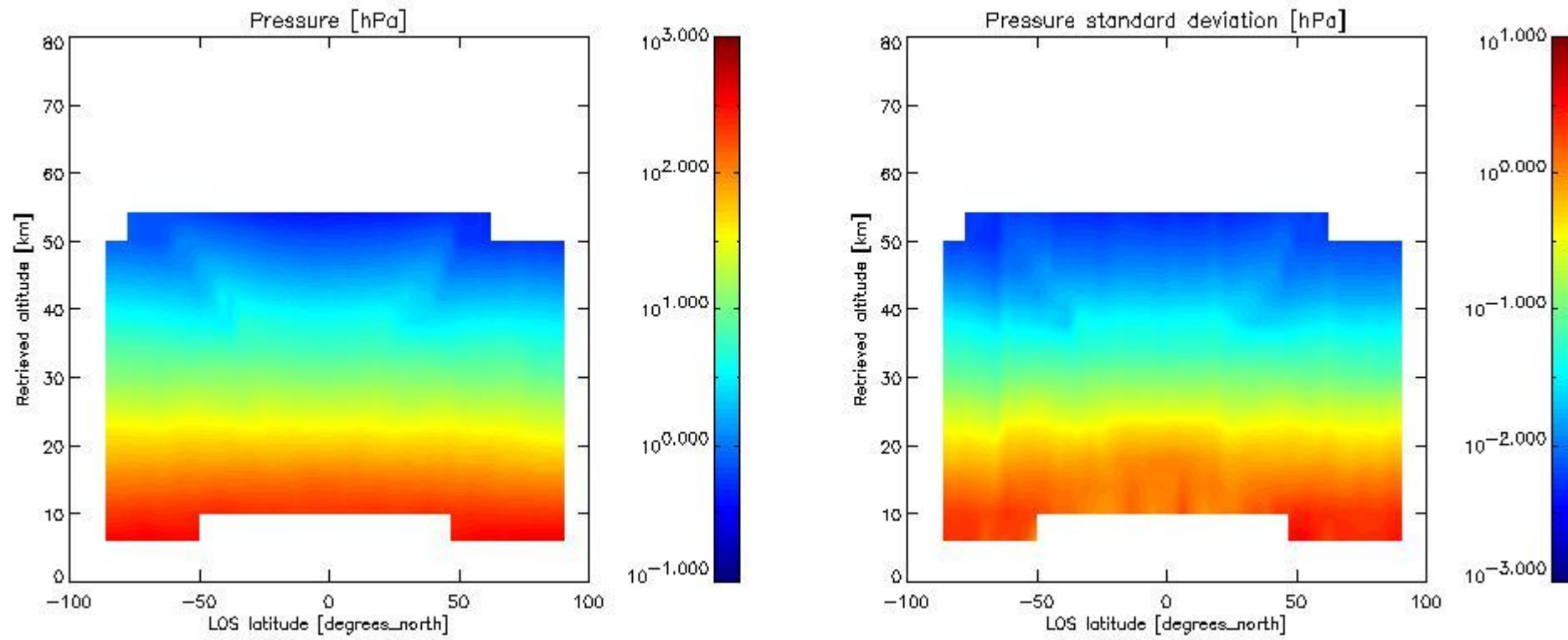
RETRIEVAL MDS	# scans processed	# Successful retrievals	%
PT	961	854	88.866
H2O	961	854	88.866

O3	961	854	88.866
HNO3	961	854	88.866
CH4	961	854	88.866
N2O	961	854	88.866
NO2	961	854	88.866
F11	961	854	88.866
CLNO	961	854	88.866
N2O5	961	854	88.866
F12	961	854	88.866
COF2	961	854	88.866
CCL4	961	854	88.866
HCN	961	854	88.866
F14	961	854	88.866
F22	961	854	88.866



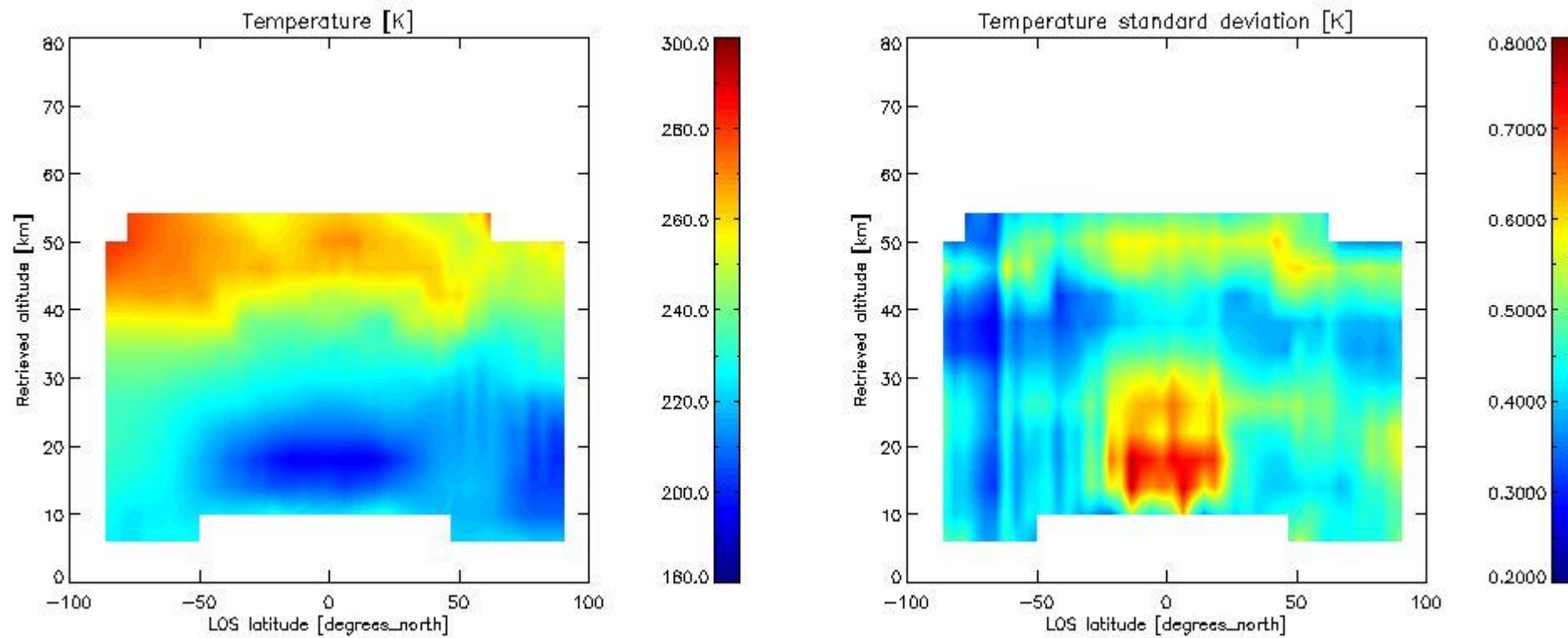
2.2.2 Pressure overview

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



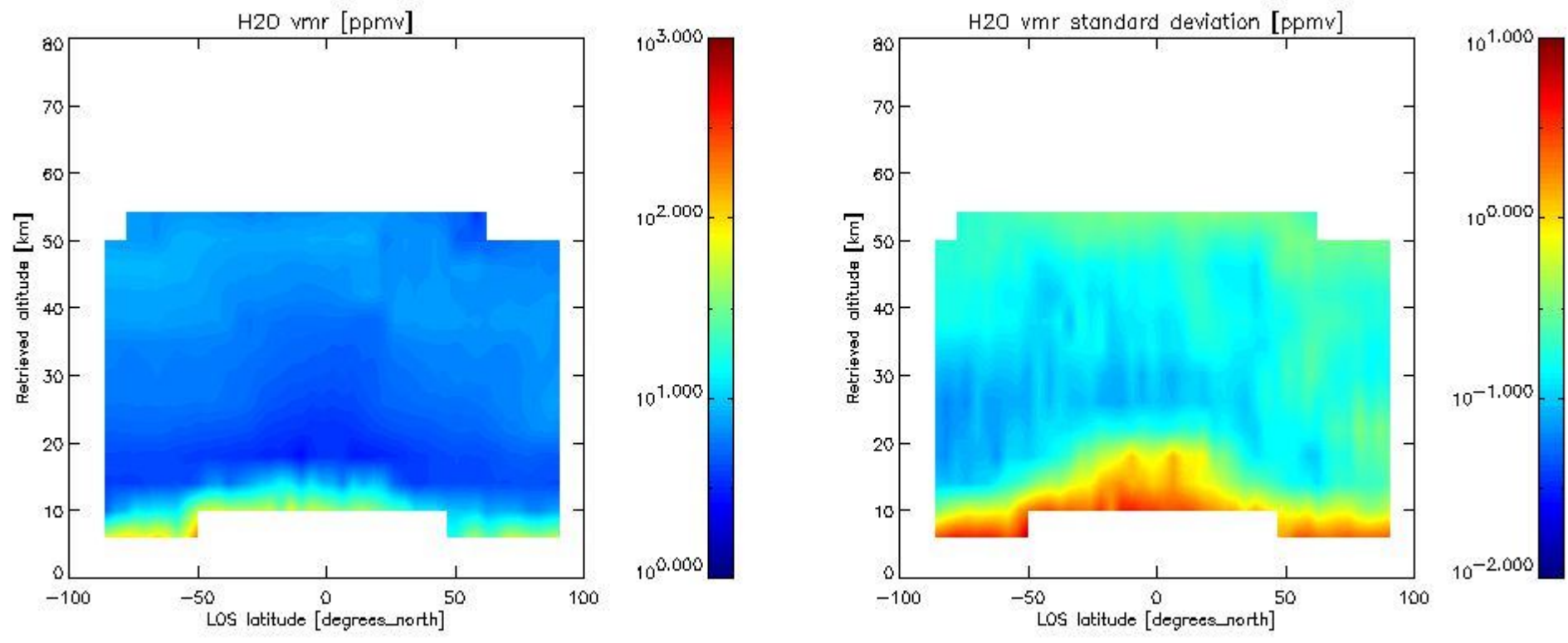
2.2.3 Temperature overview

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

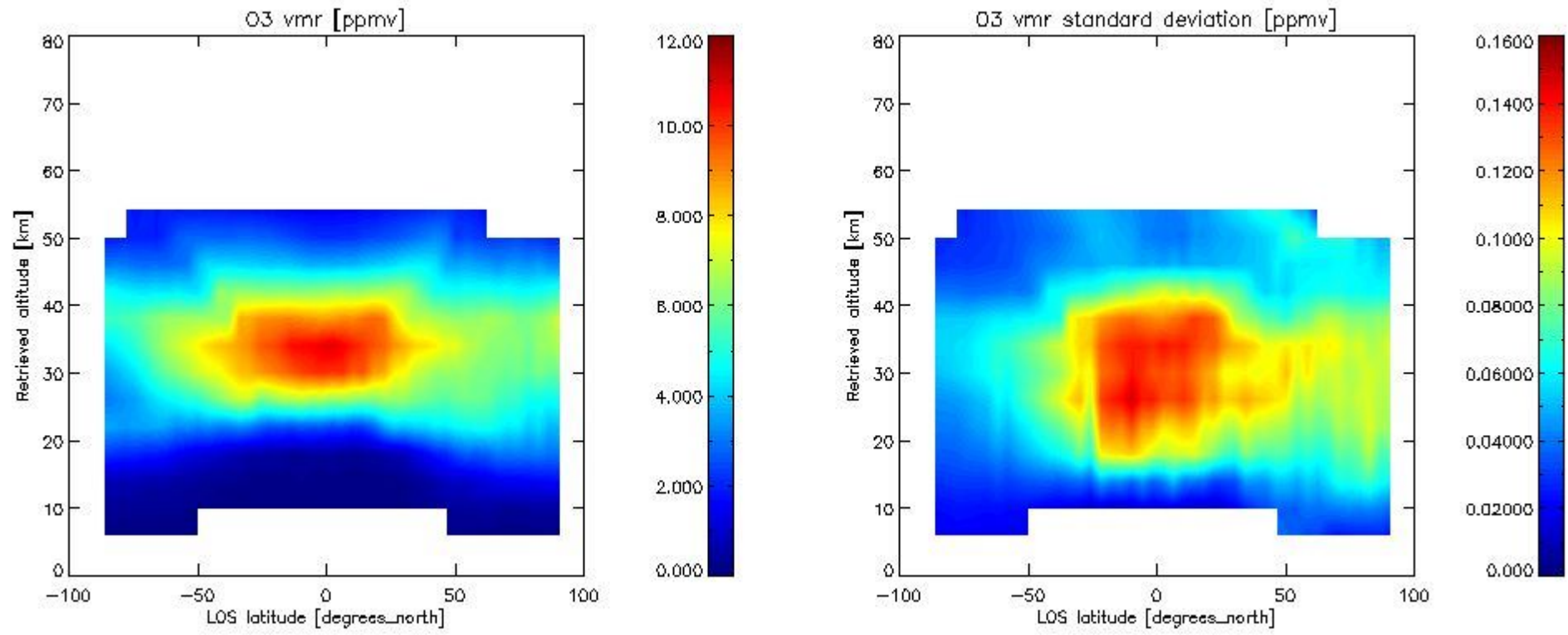


2.2.4 Species overview

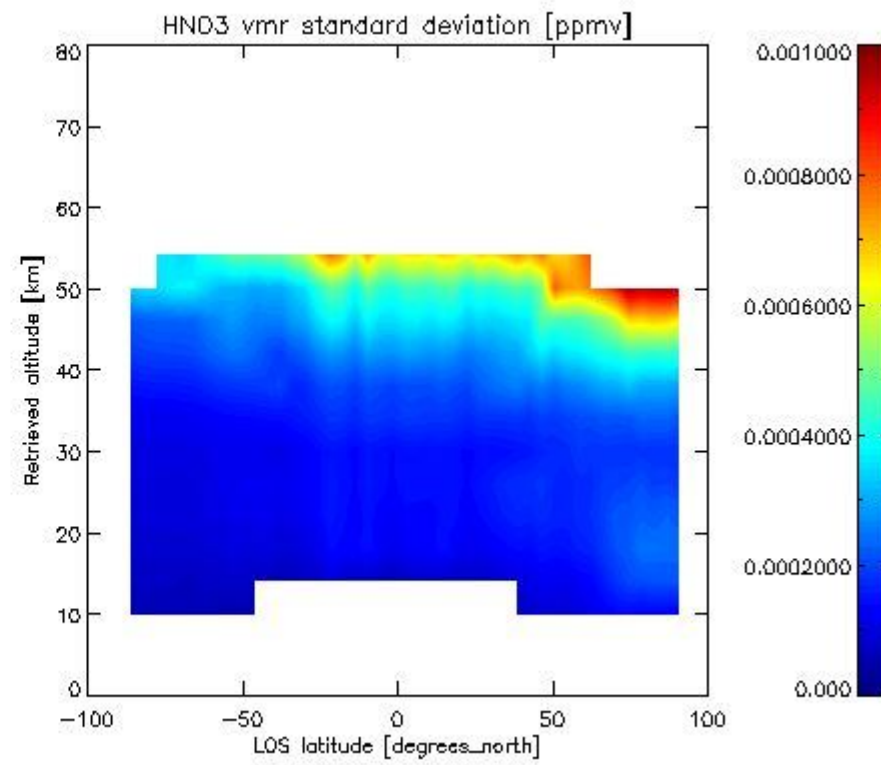
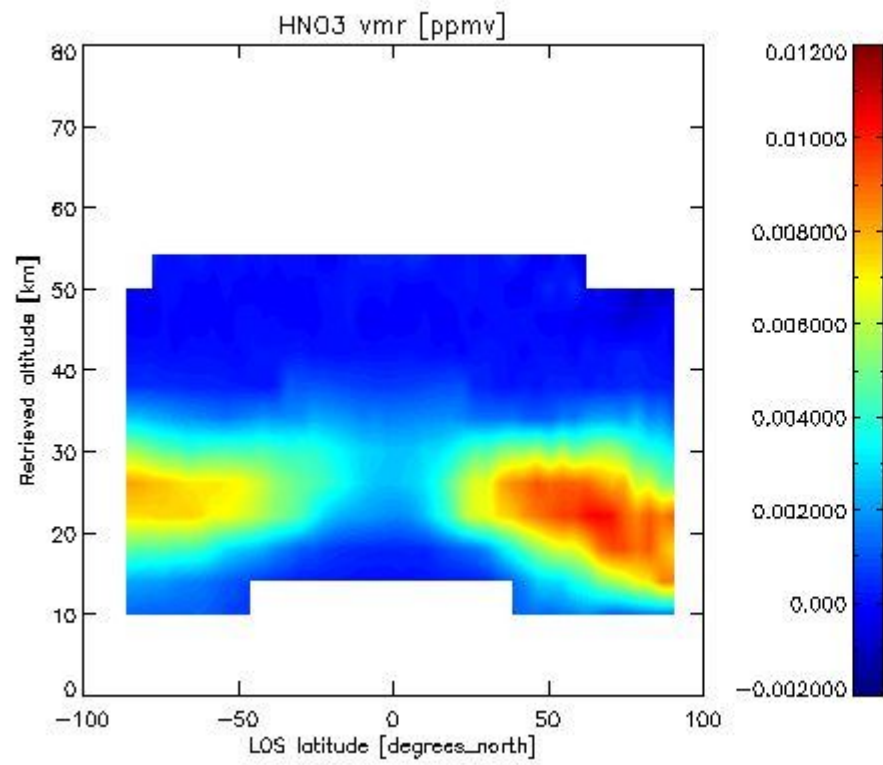
2.2.4.1 H₂O overview This section shows values (left) and error (right) for H₂O after binning individual sweep values over retrieved altitude and tangent latitude.



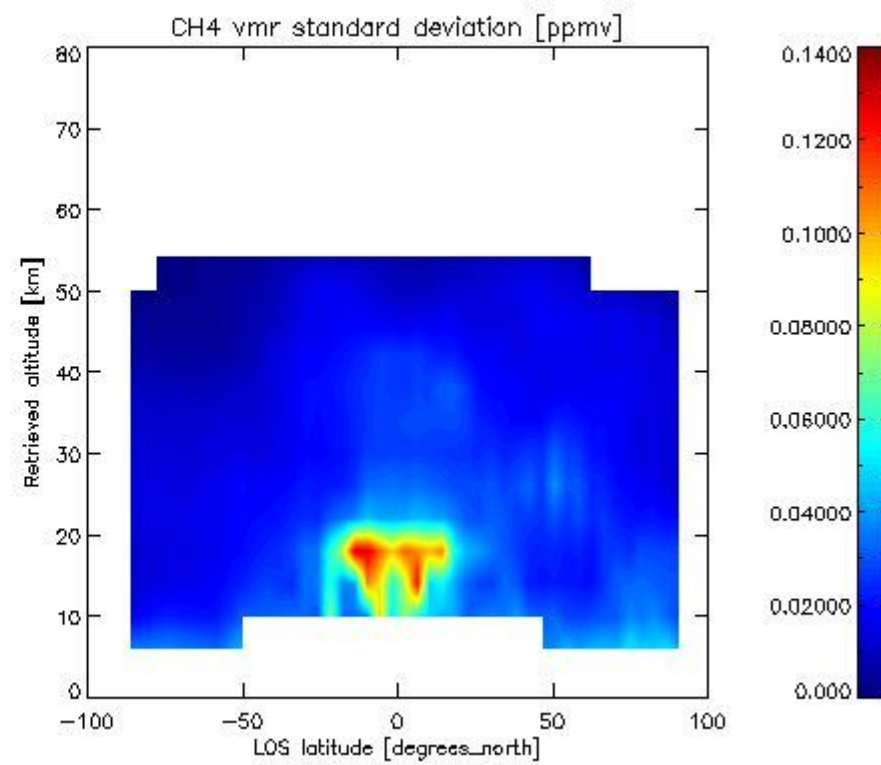
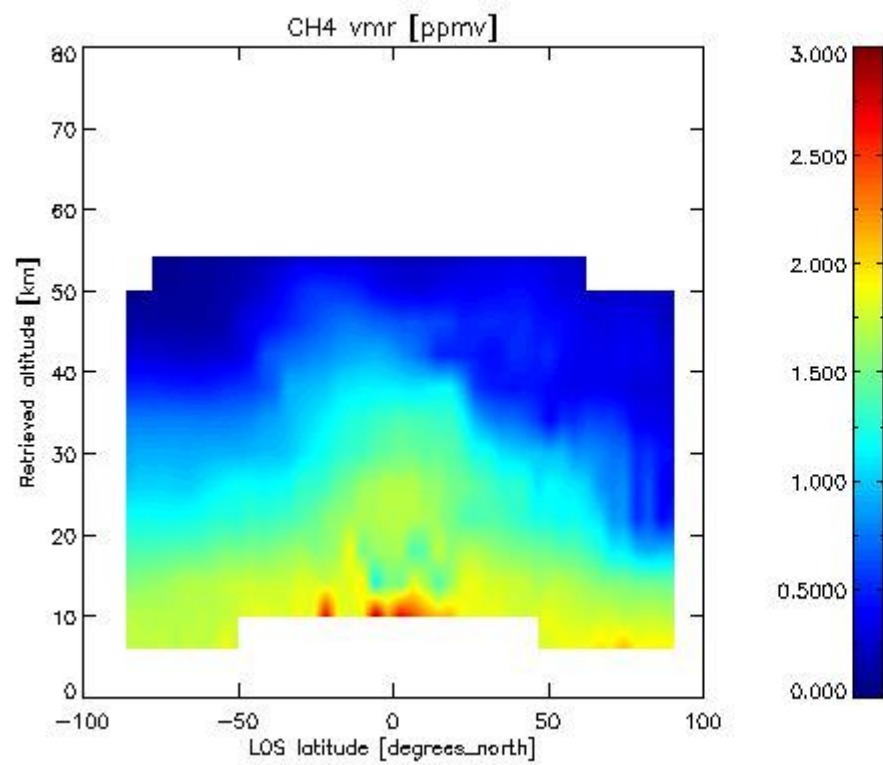
2.2.4.2 O3 overview This section shows values (left) and error (right) for O3 after binning individual sweep values over retrieved altitude and tangent latitude.



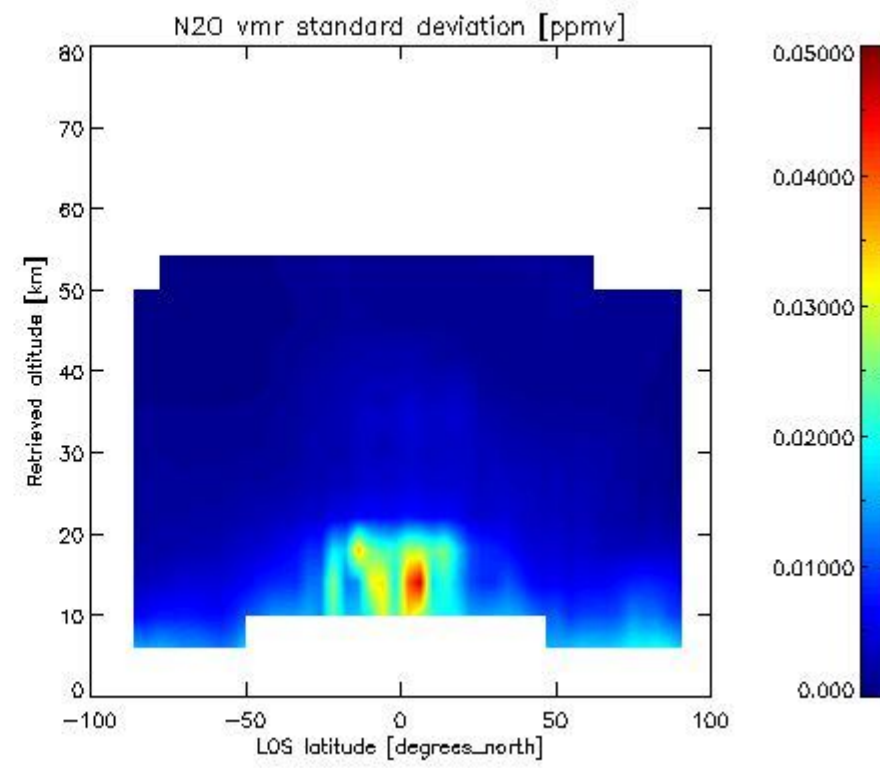
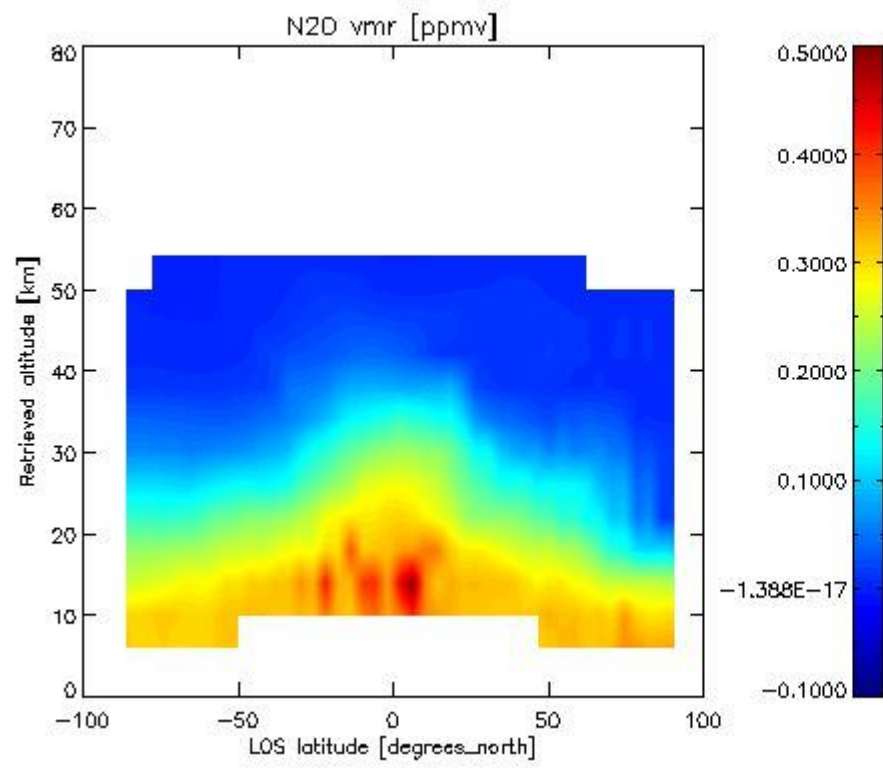
2.2.4.3 HNO3 overview This section shows values (left) and error (right) for HNO3 after binning individual sweep values over retrieved altitude and tangent latitude.



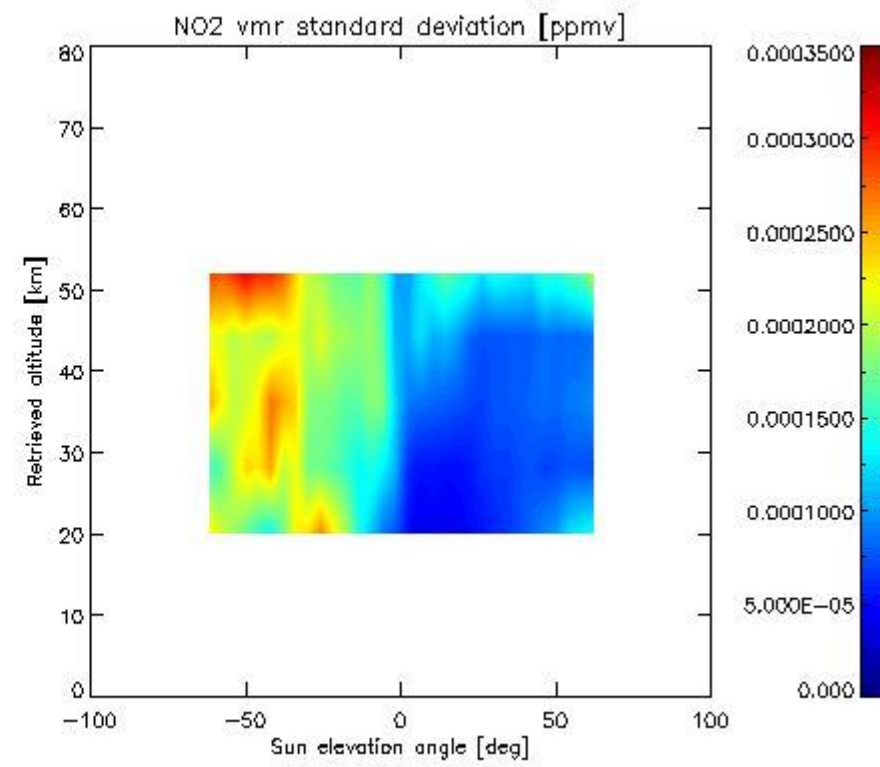
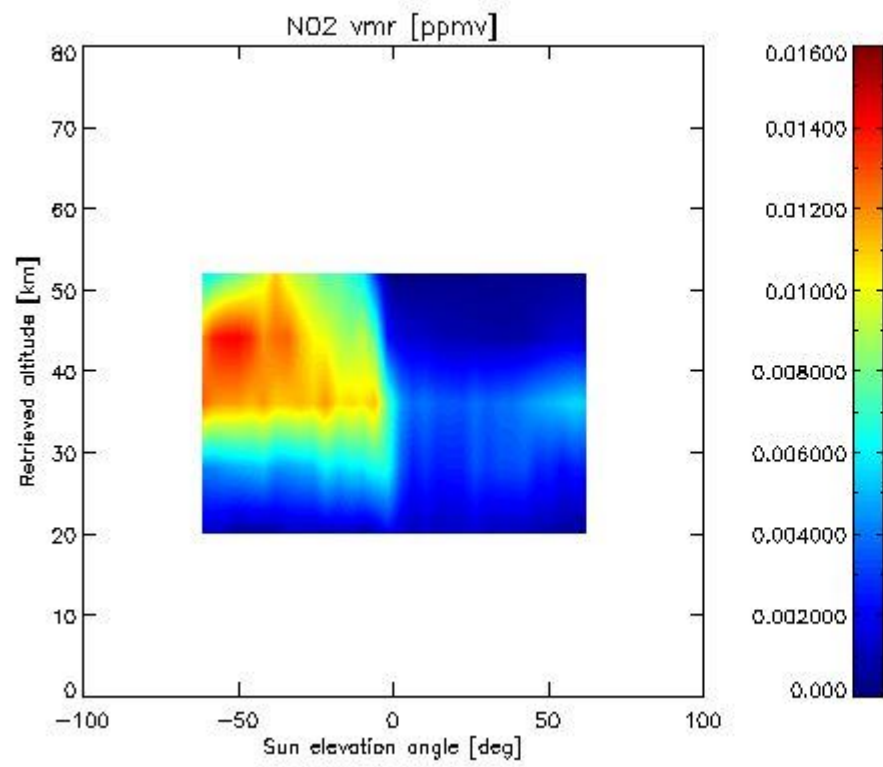
2.2.4.4 CH₄ overview This section shows values (left) and error (right) for CH₄ after binning individual sweep values over retrieved altitude and tangent latitude.



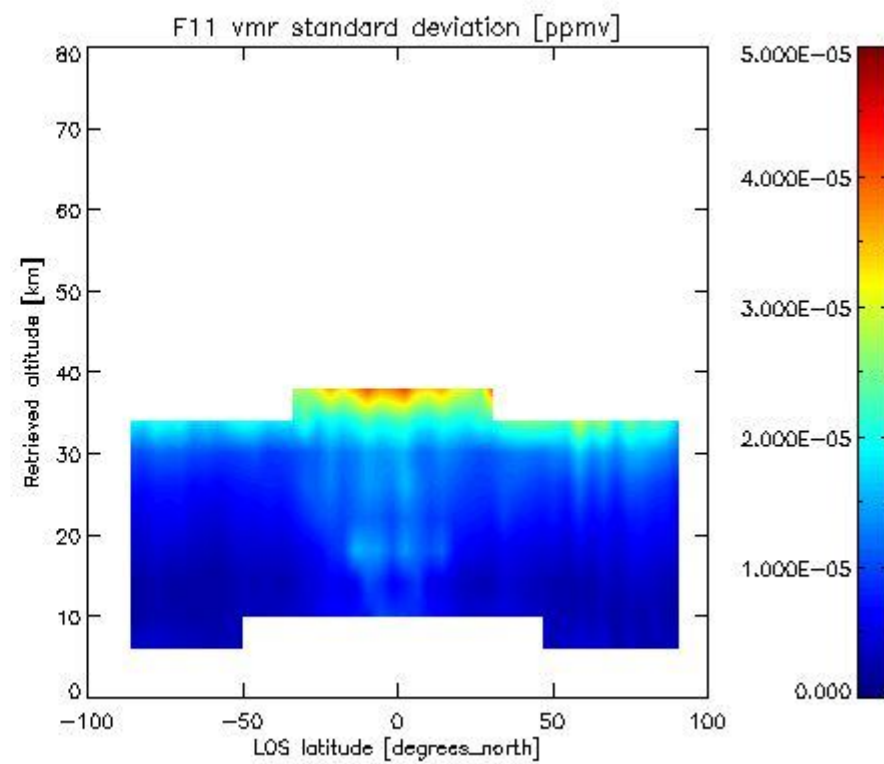
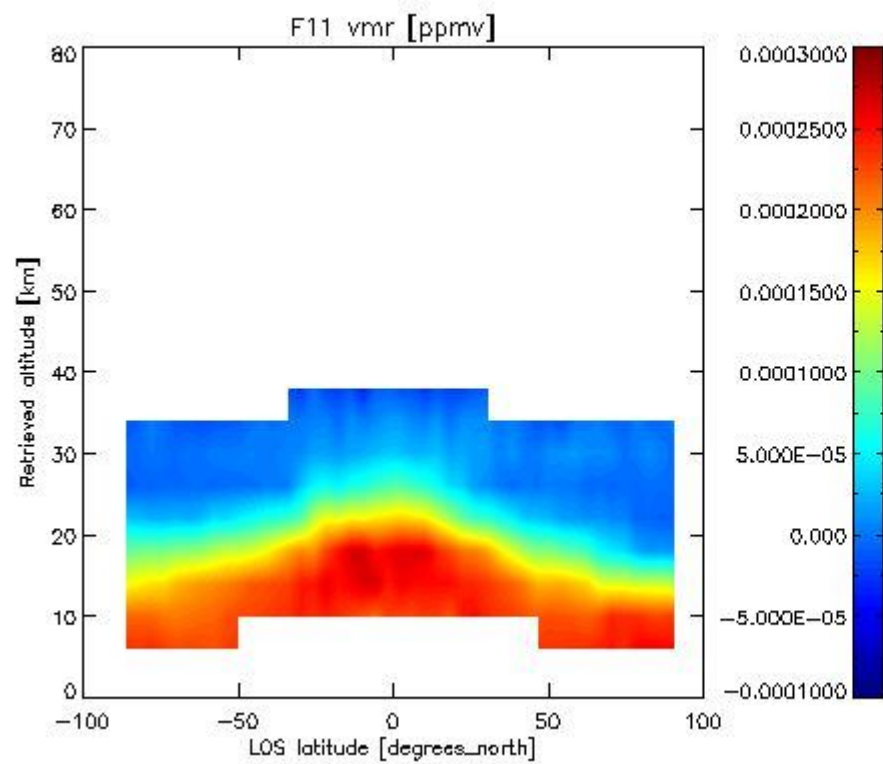
2.2.4.5 N₂O overview This section shows values (left) and error (right) for N₂O after binning individual sweep values over retrieved altitude and tangent latitude.



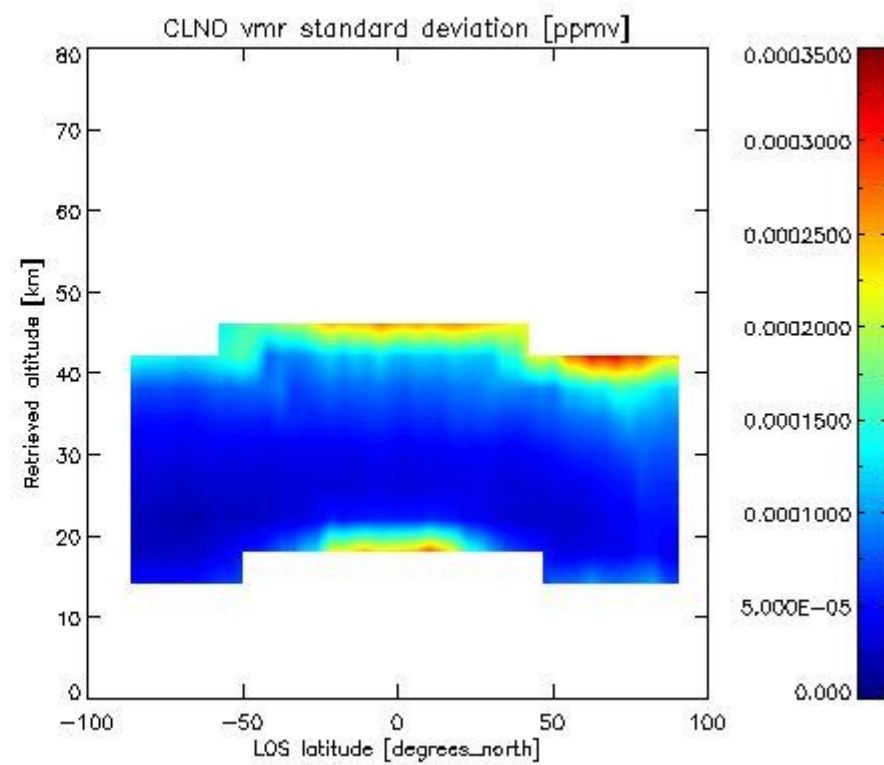
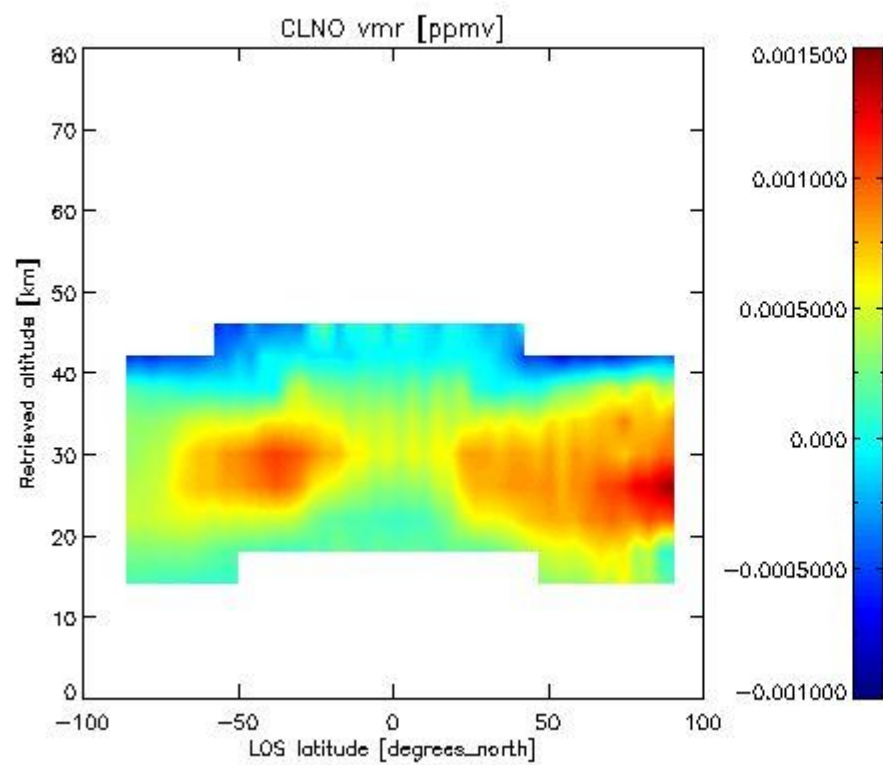
2.2.4.6 NO₂ overview This section shows values (left) and error (right) for NO₂ after binning individual sweep values over retrieved altitude and Sun Elevation Angle. Note that for NO₂ the bin heights are 6 km.

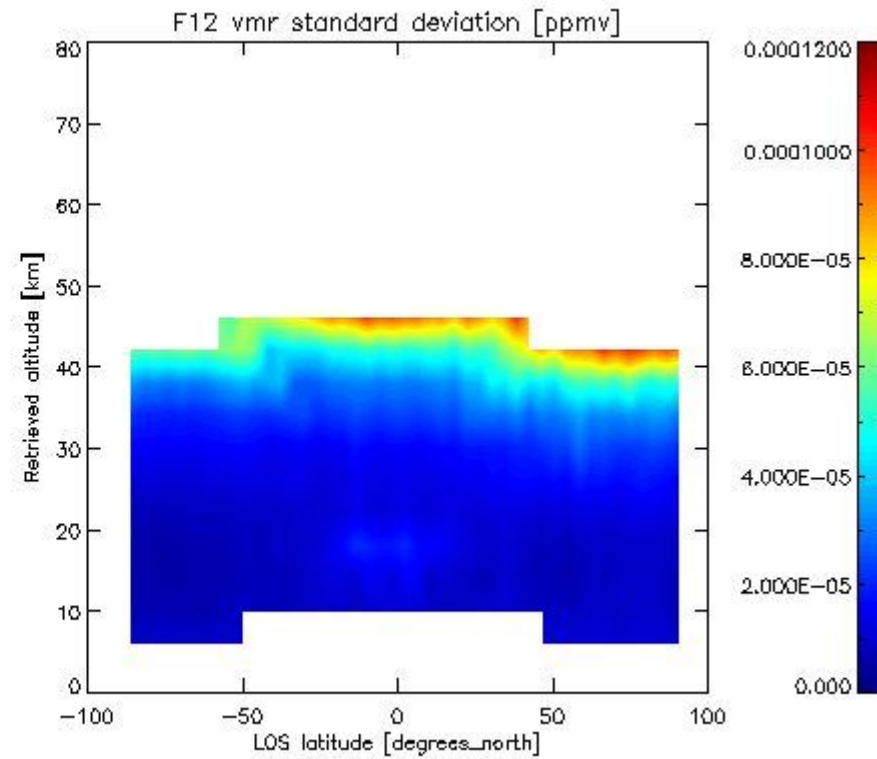
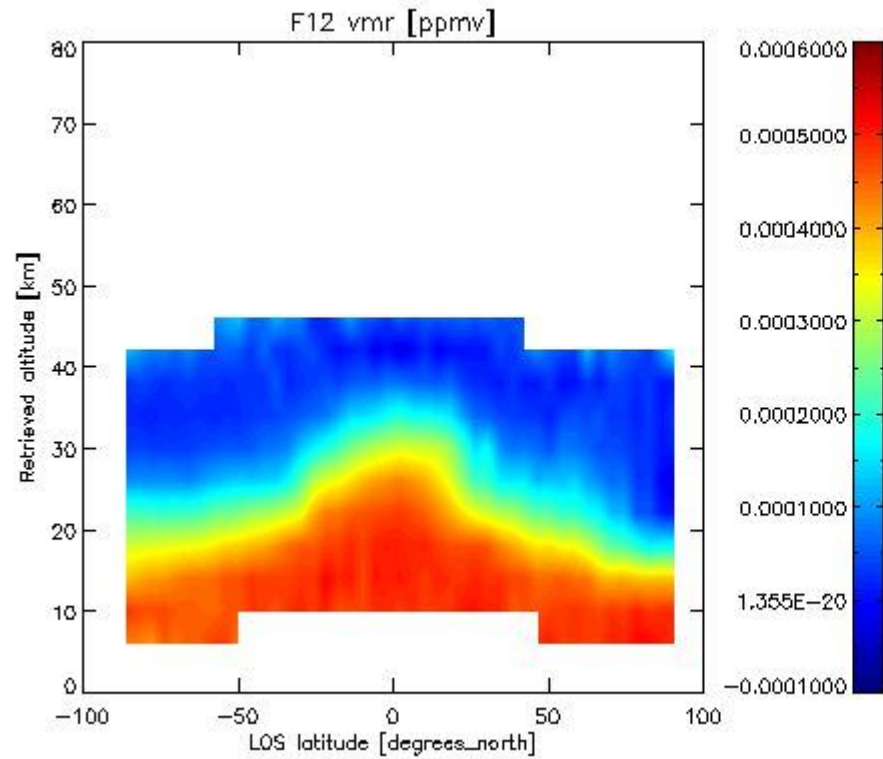
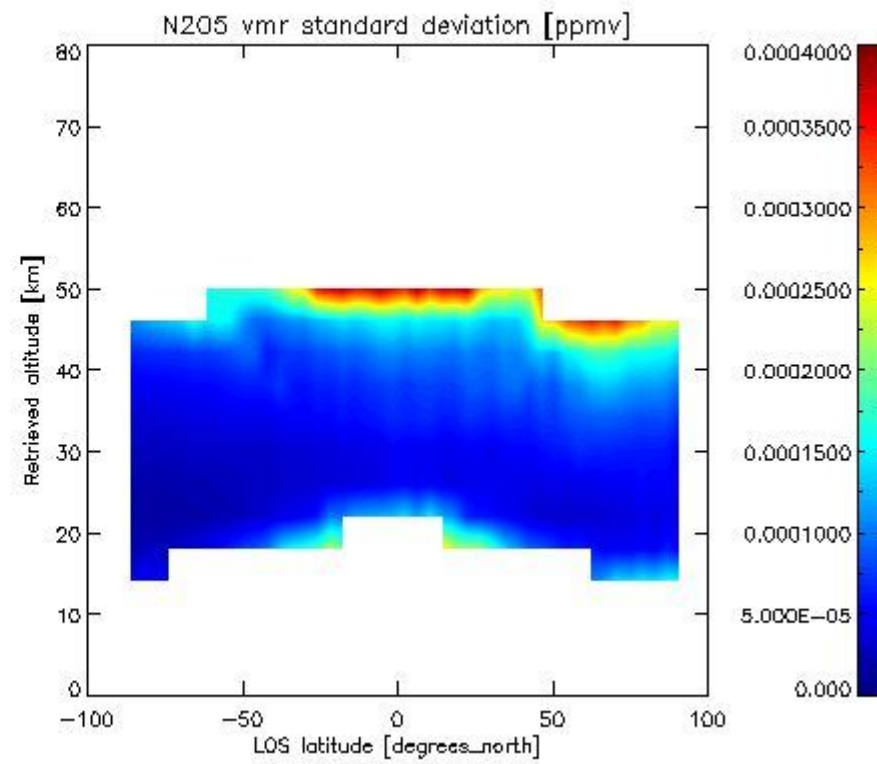
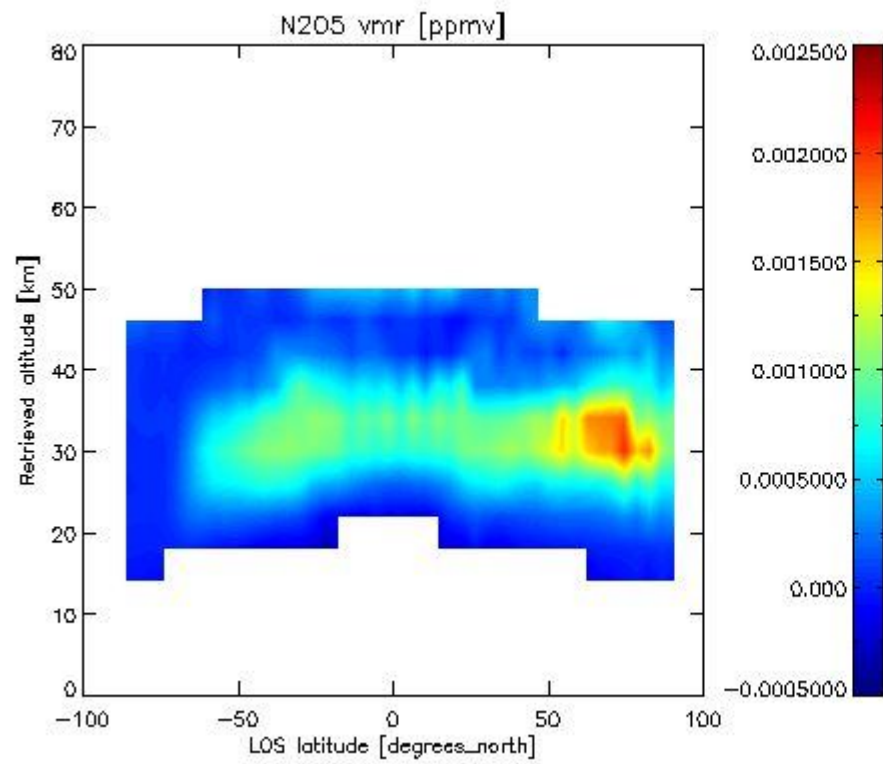


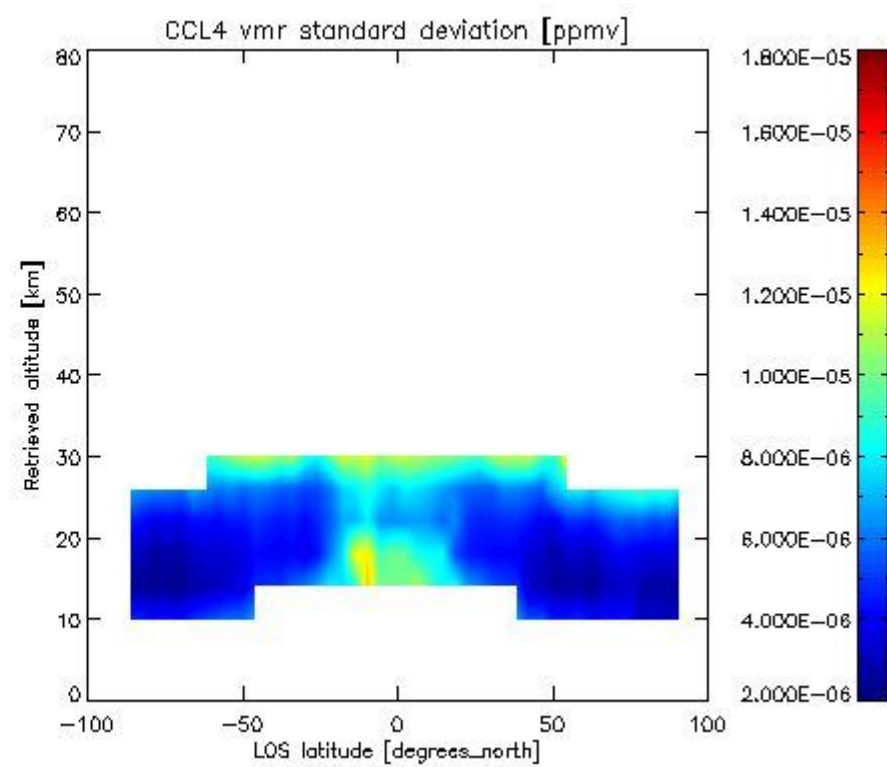
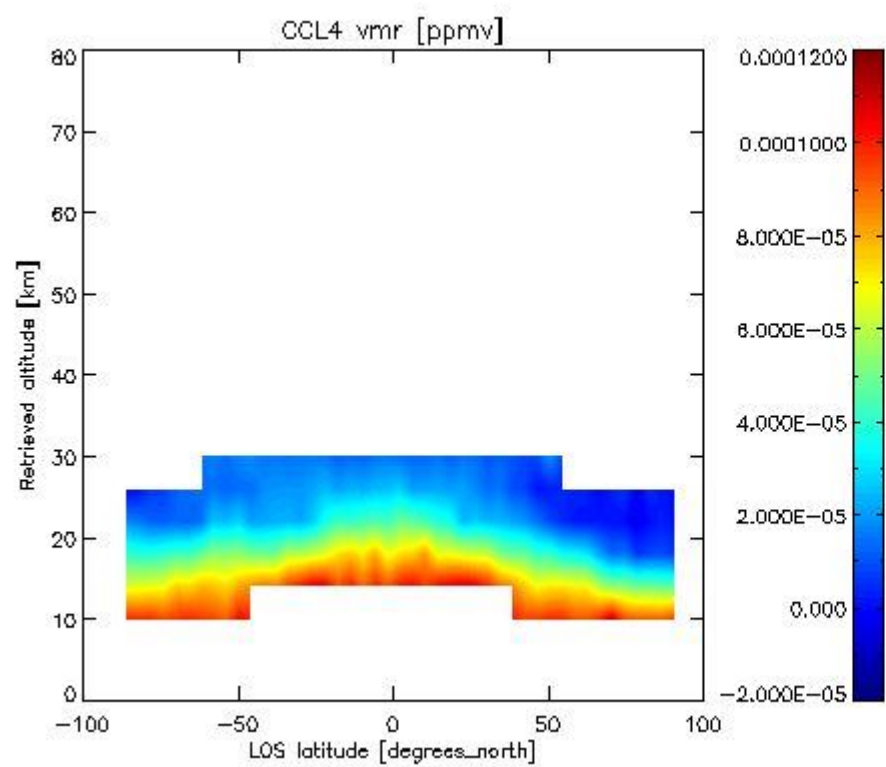
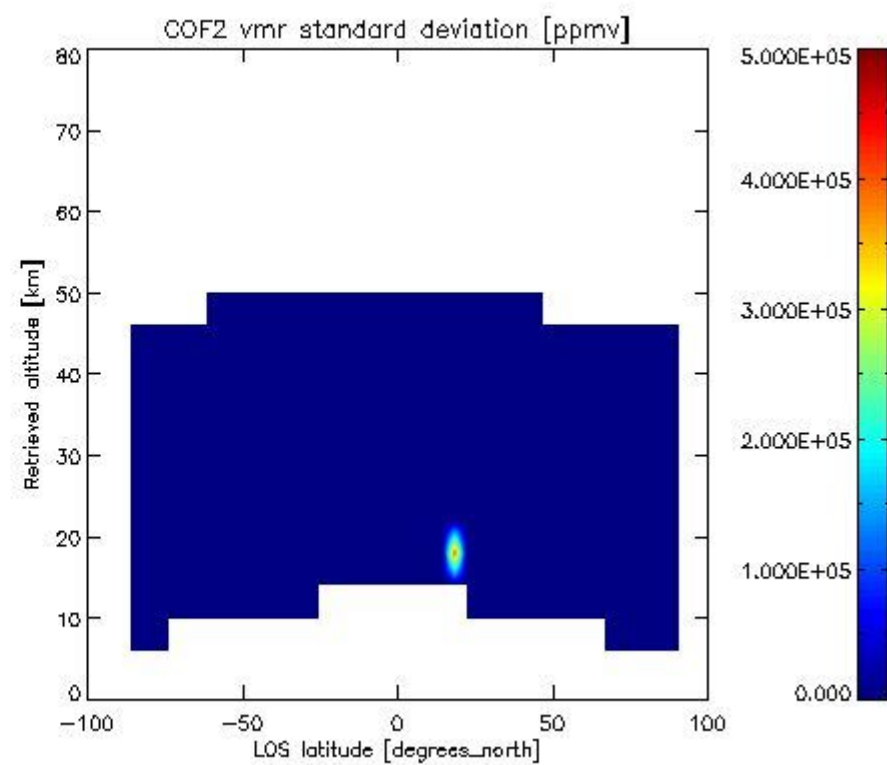
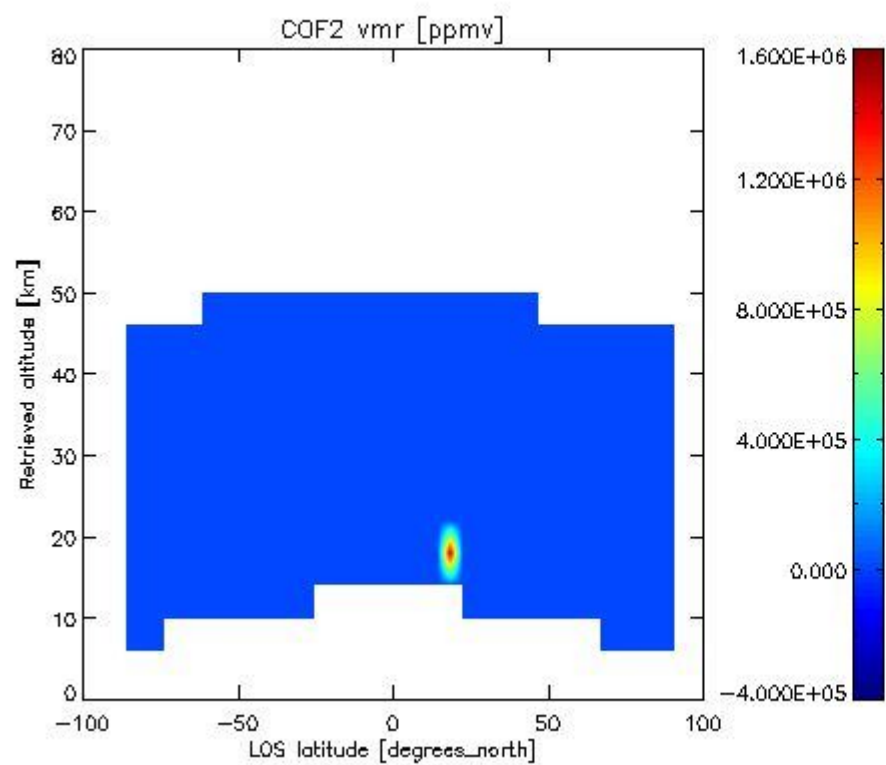
2.2.4.7 F11 overview This section shows values (left) and error (right) for F11 after binning individual sweep values over retrieved altitude and tangent latitude.

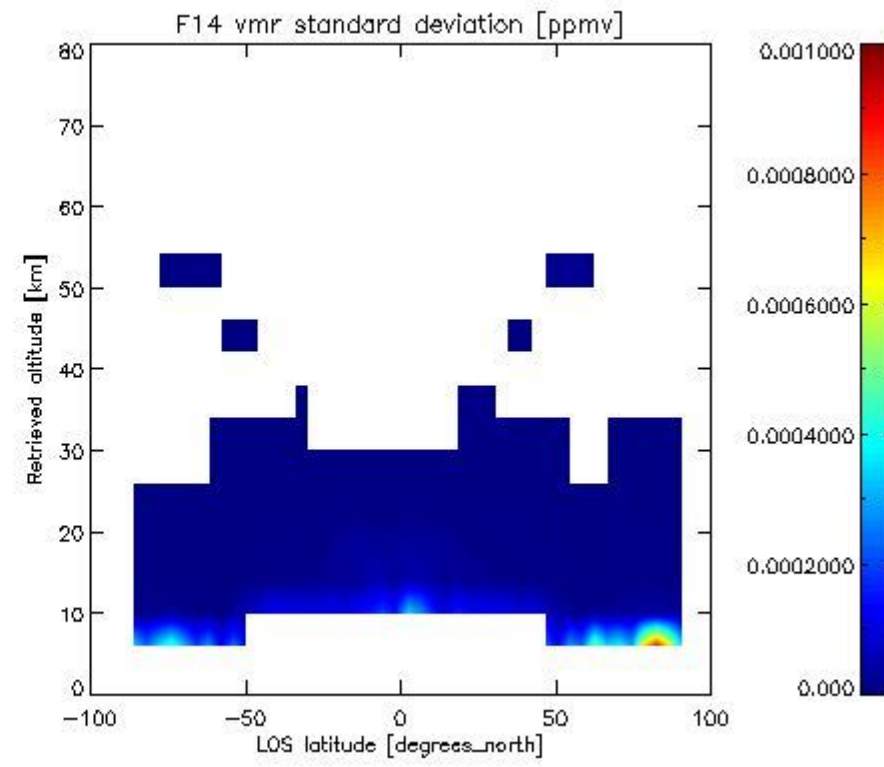
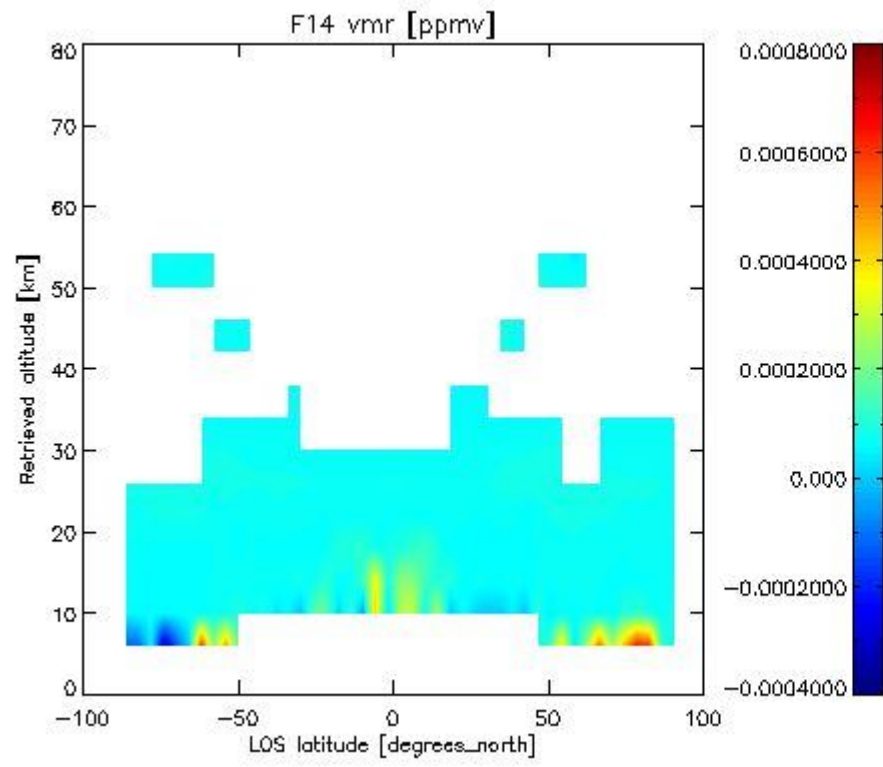
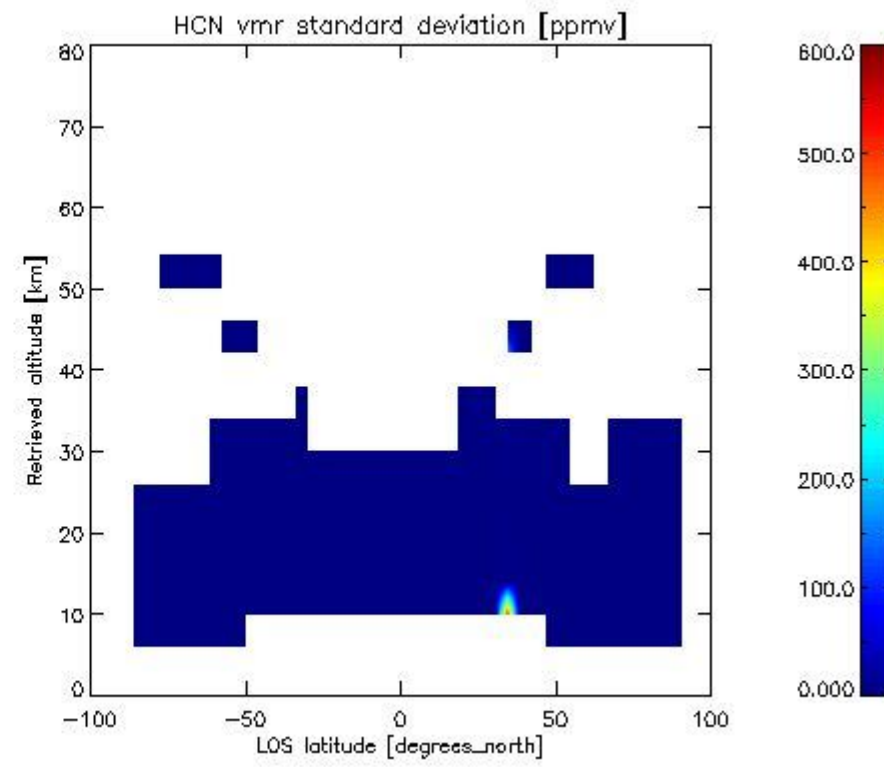
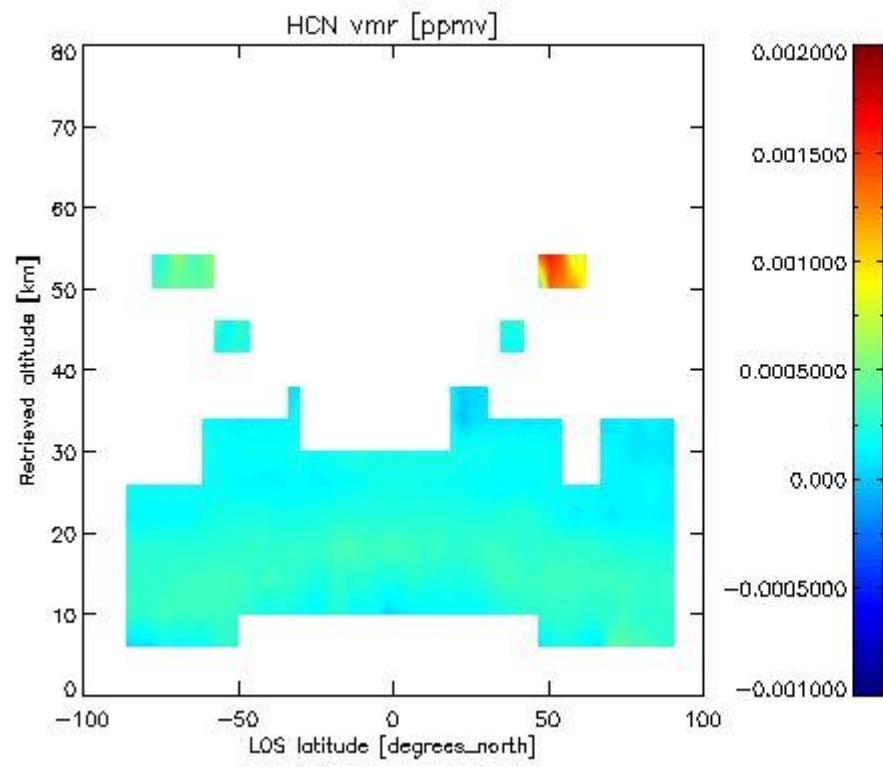


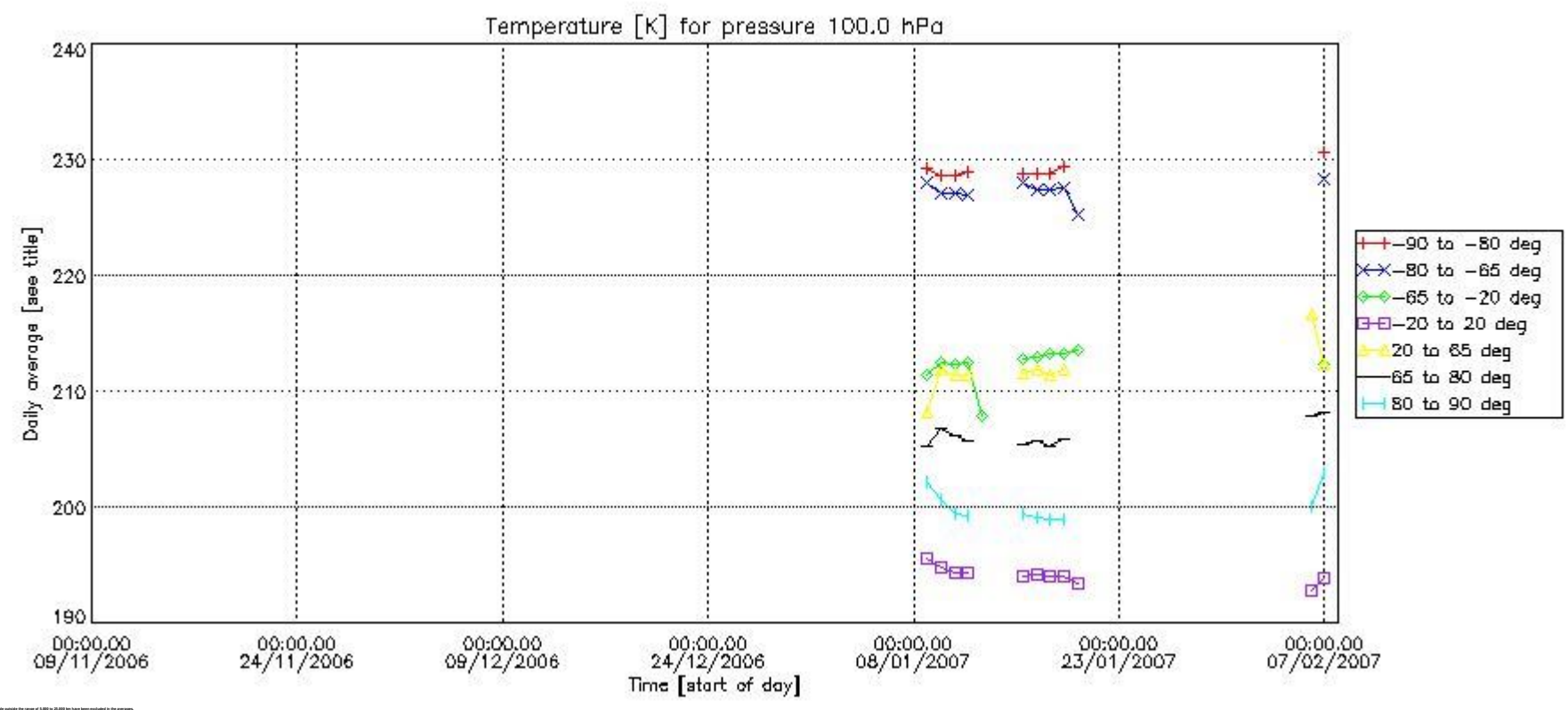
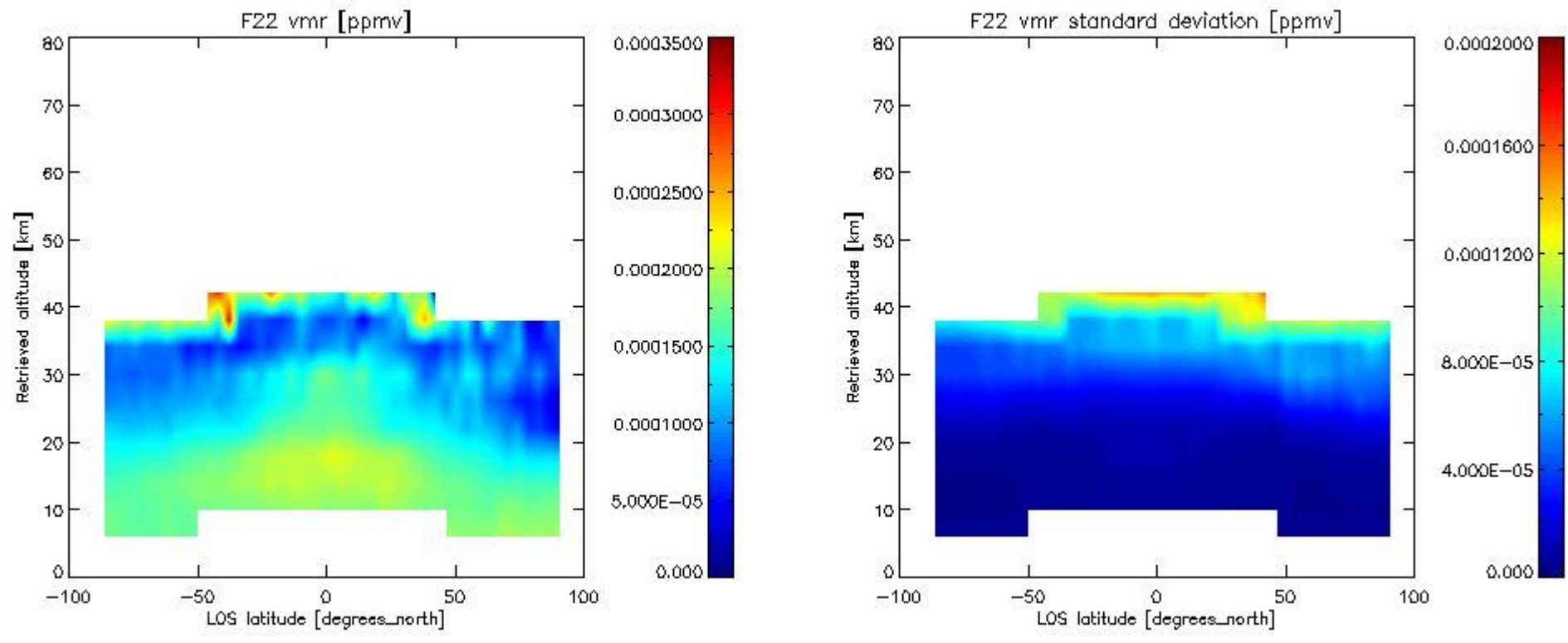
2.3.4.4 CLNO overview This section shows values (left) and error (right) for CLNO after binning individual sweep values over retrieved altitude and target latitude.

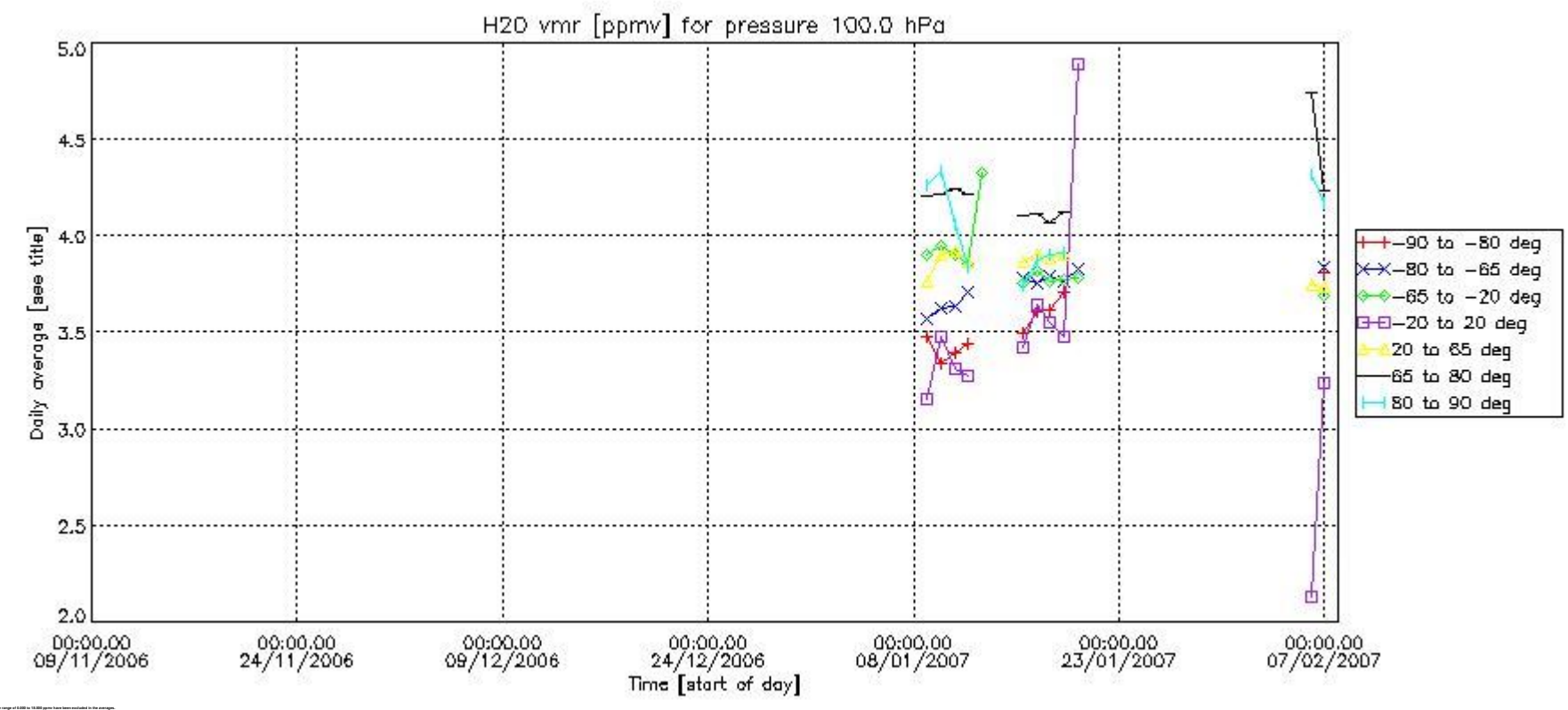
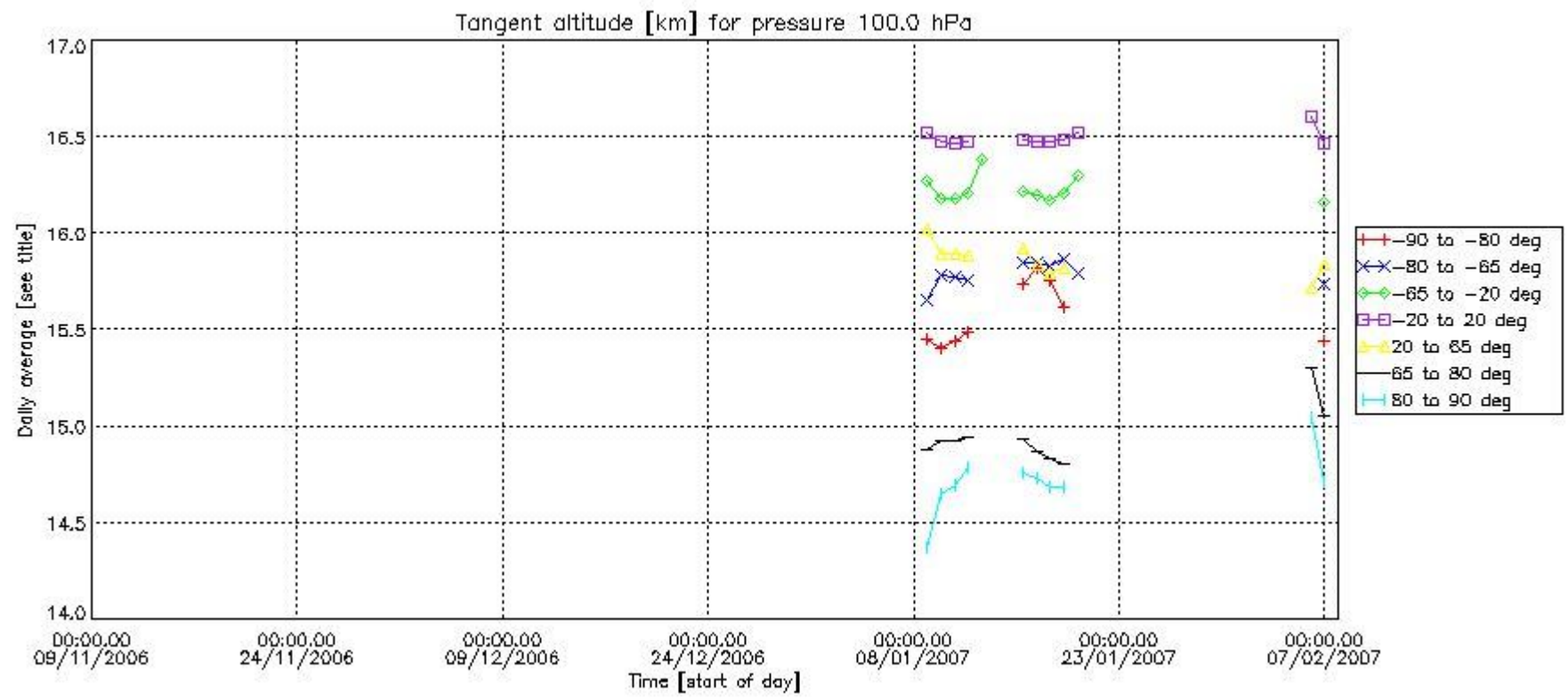


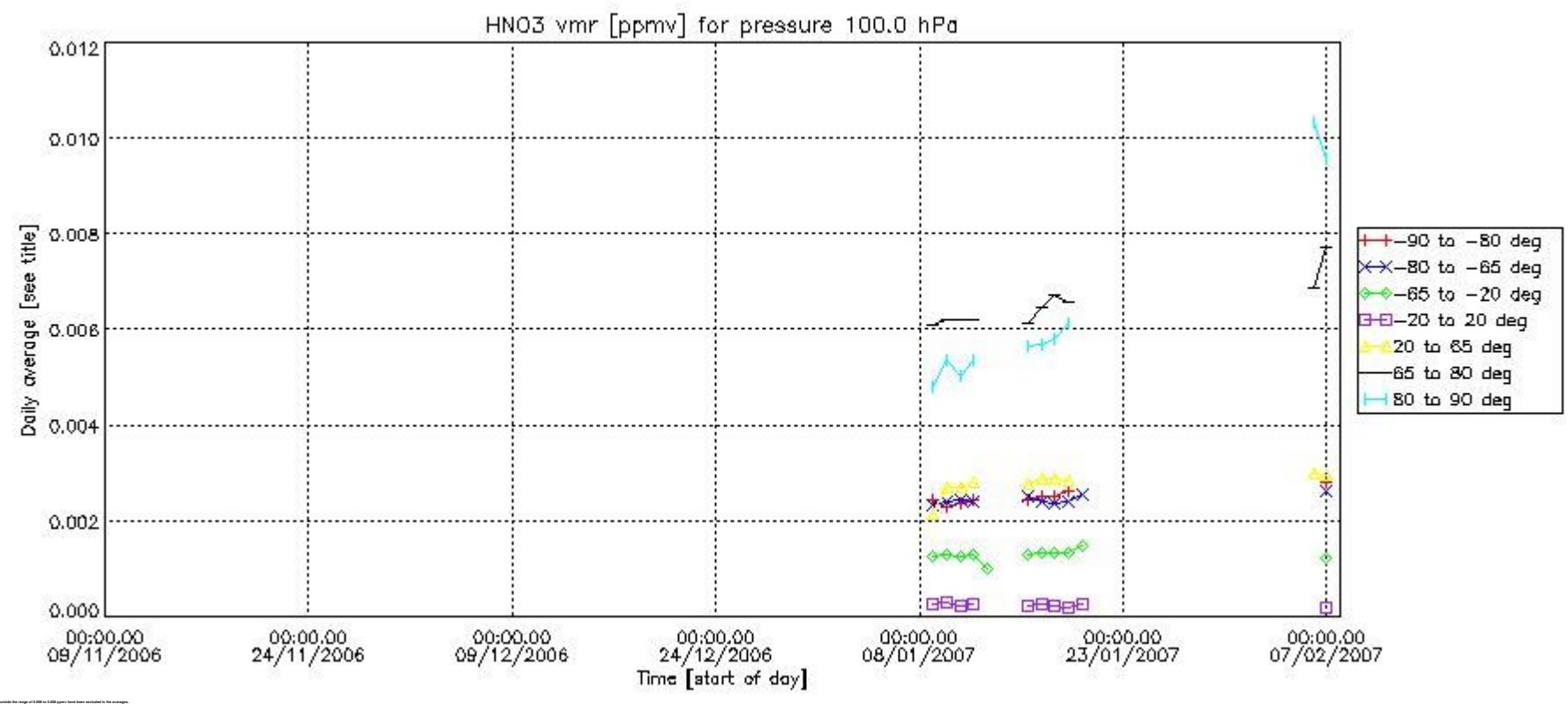
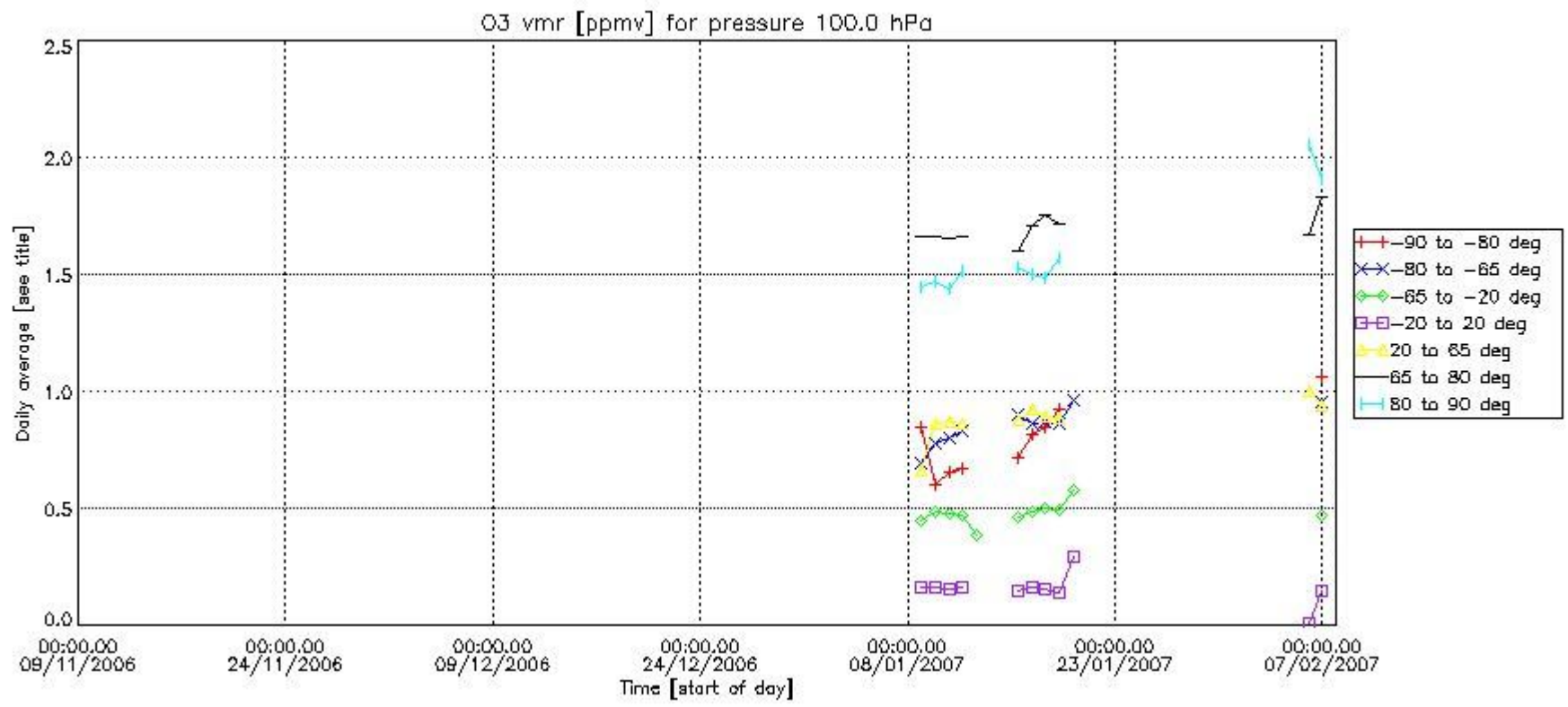


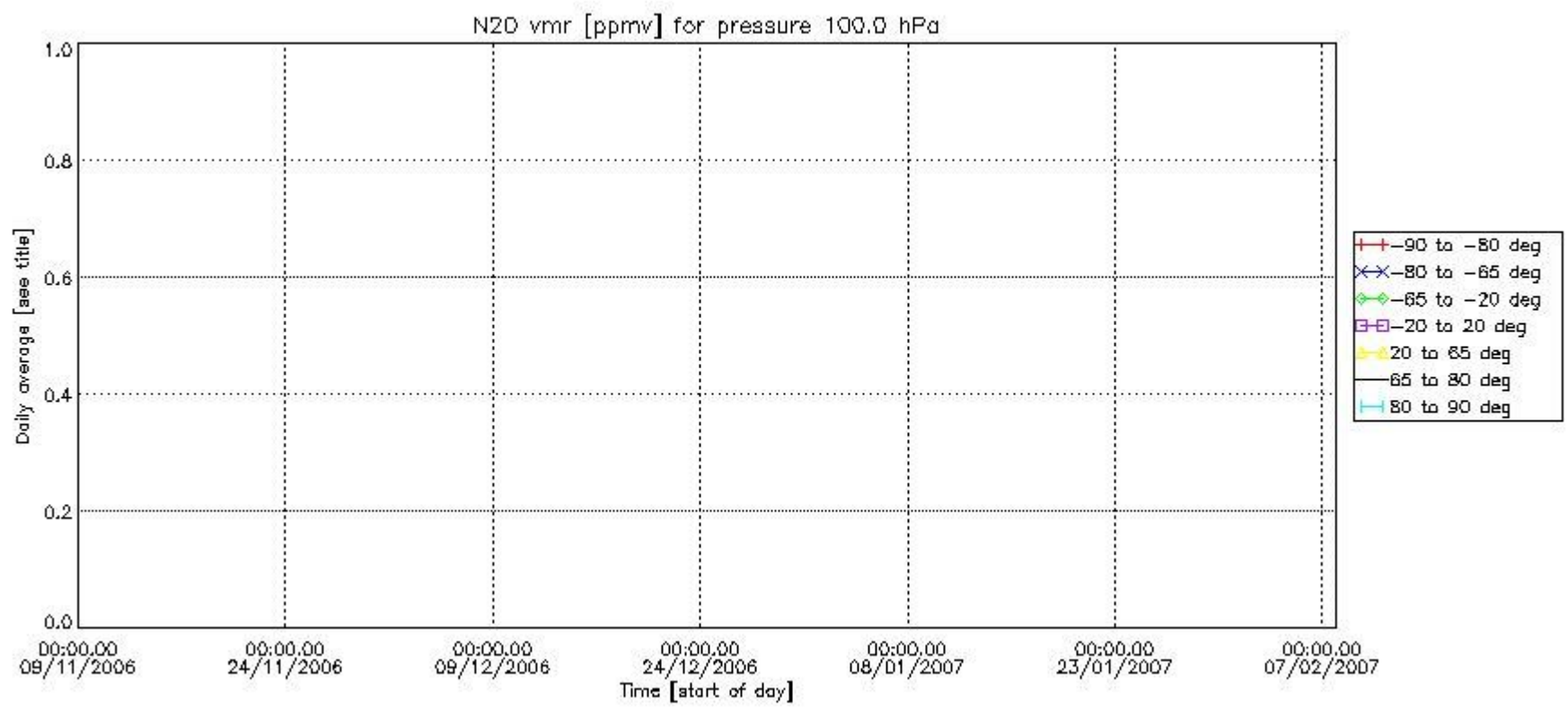
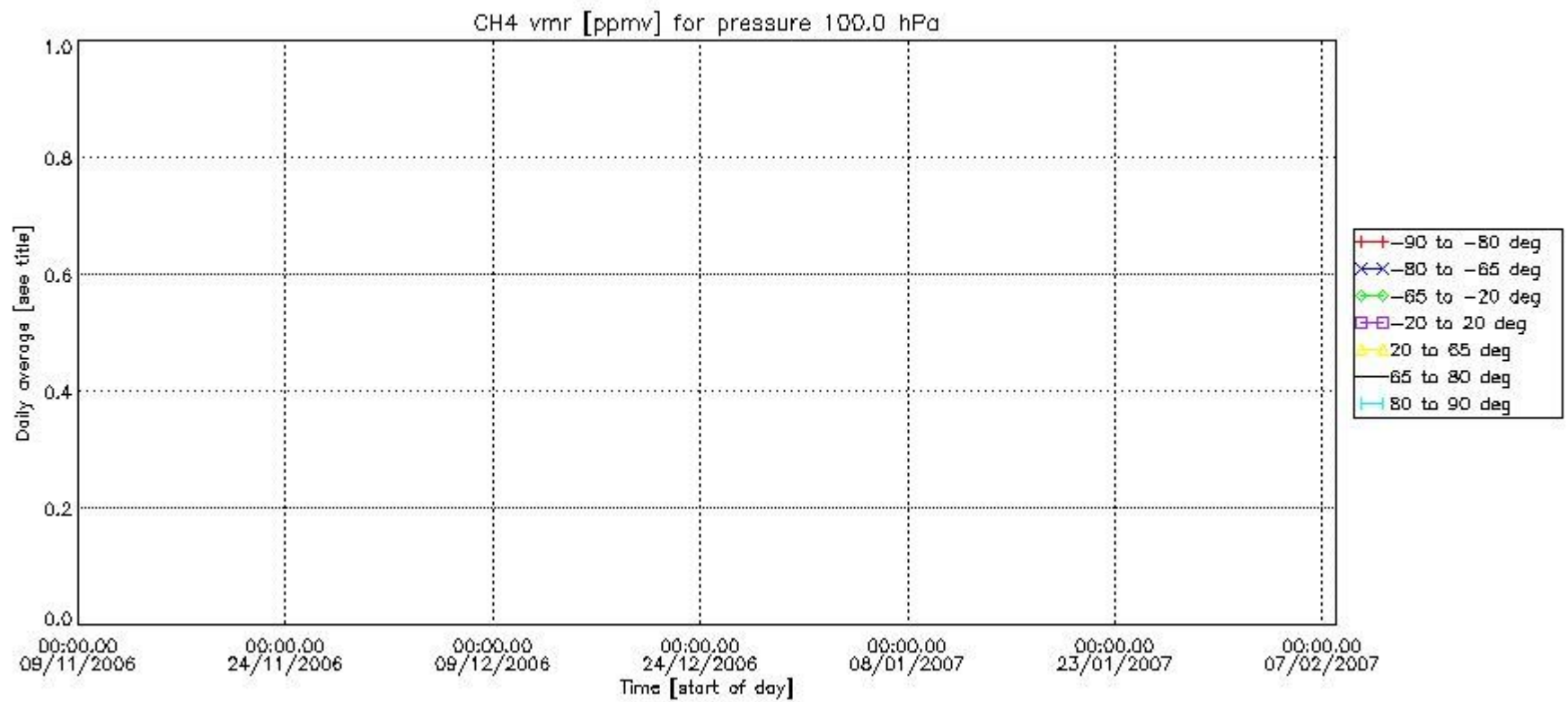


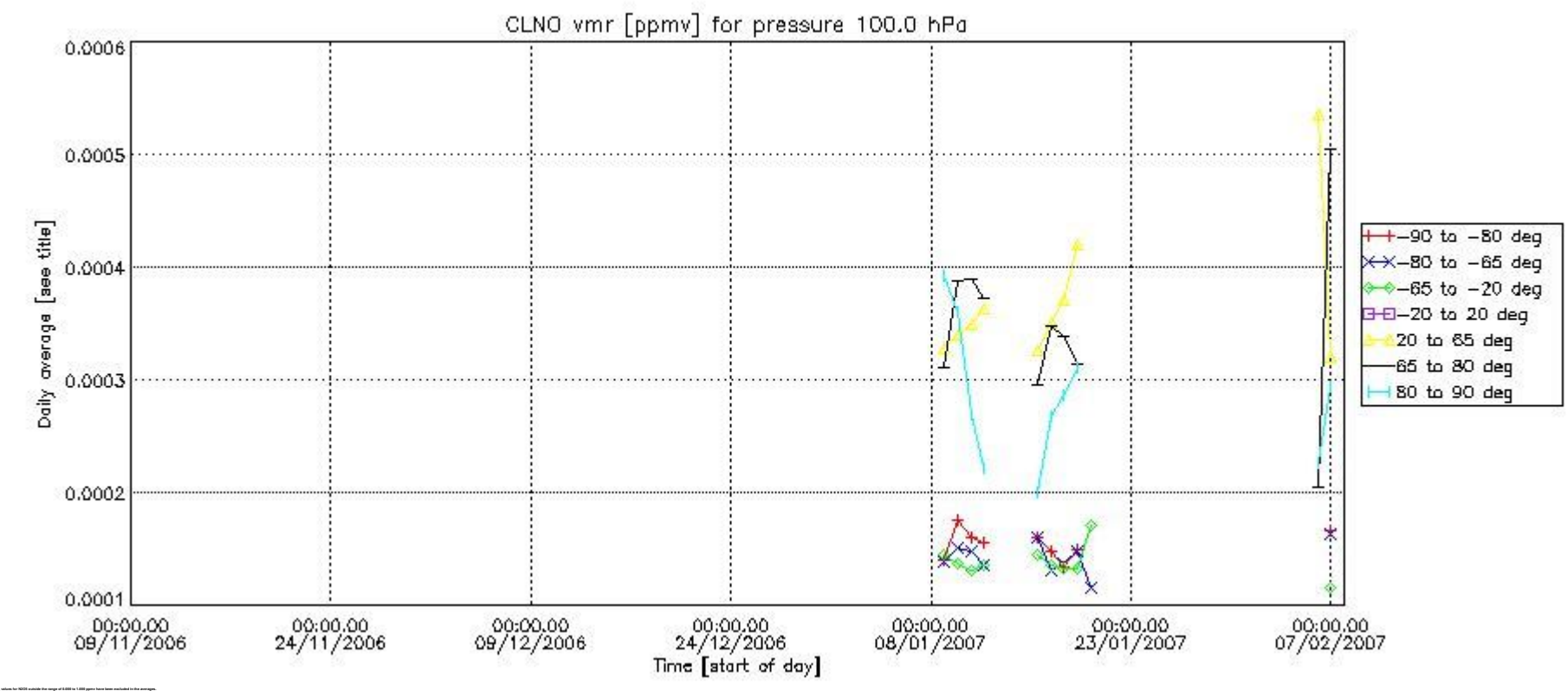
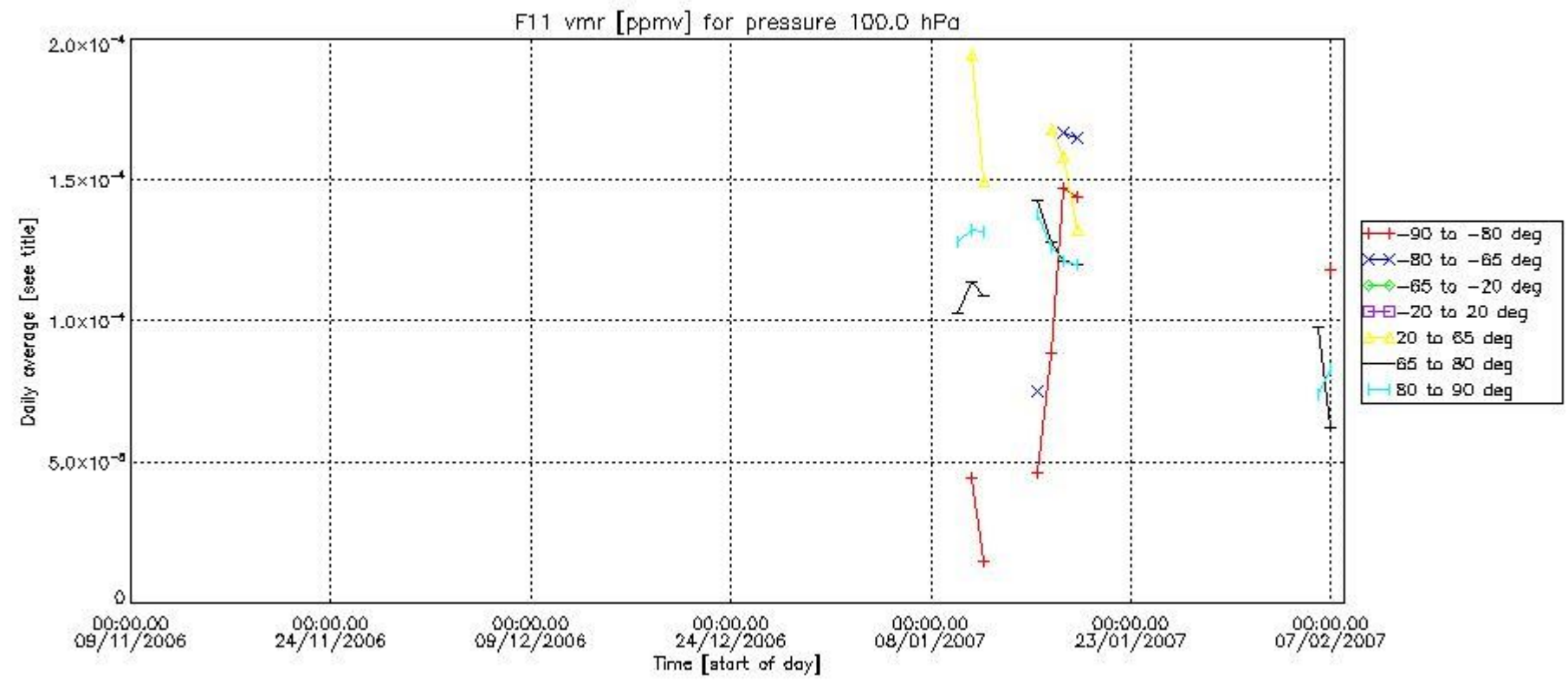


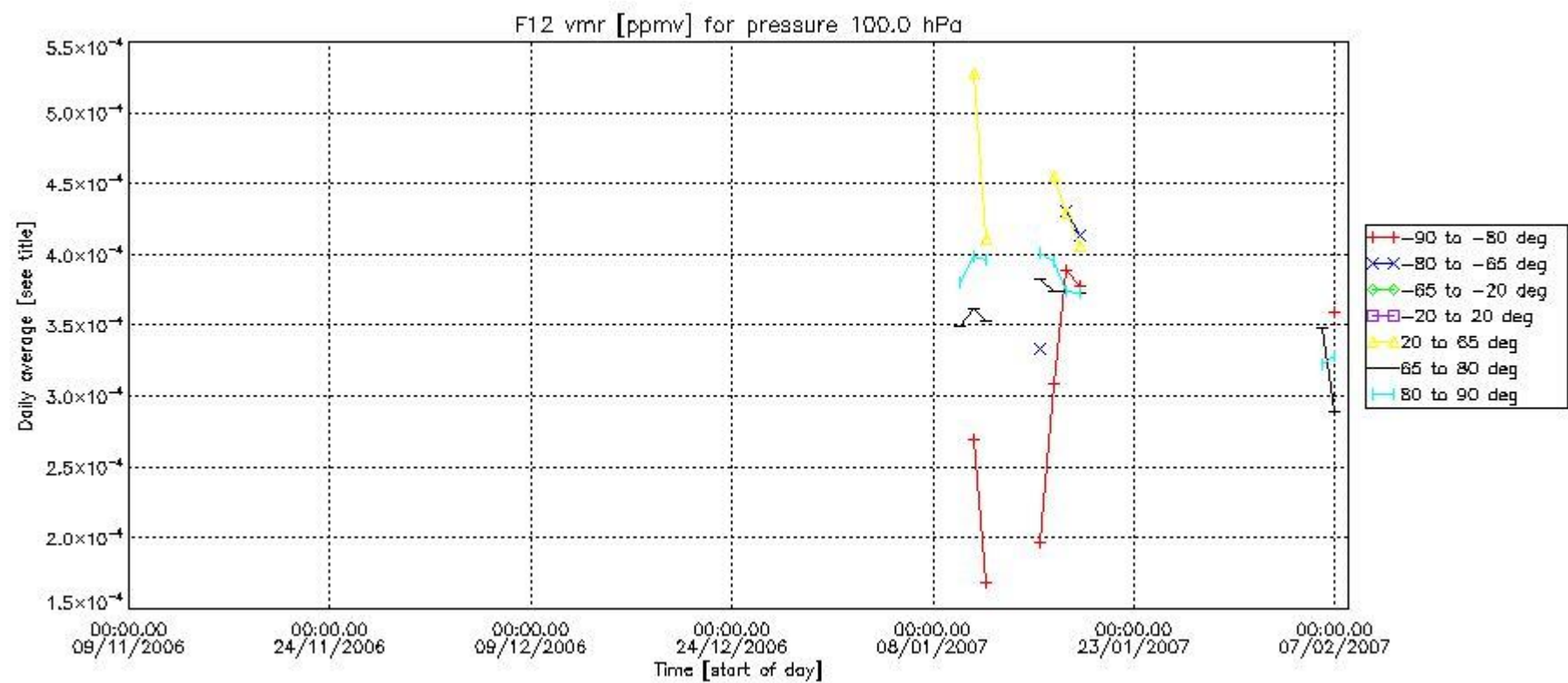
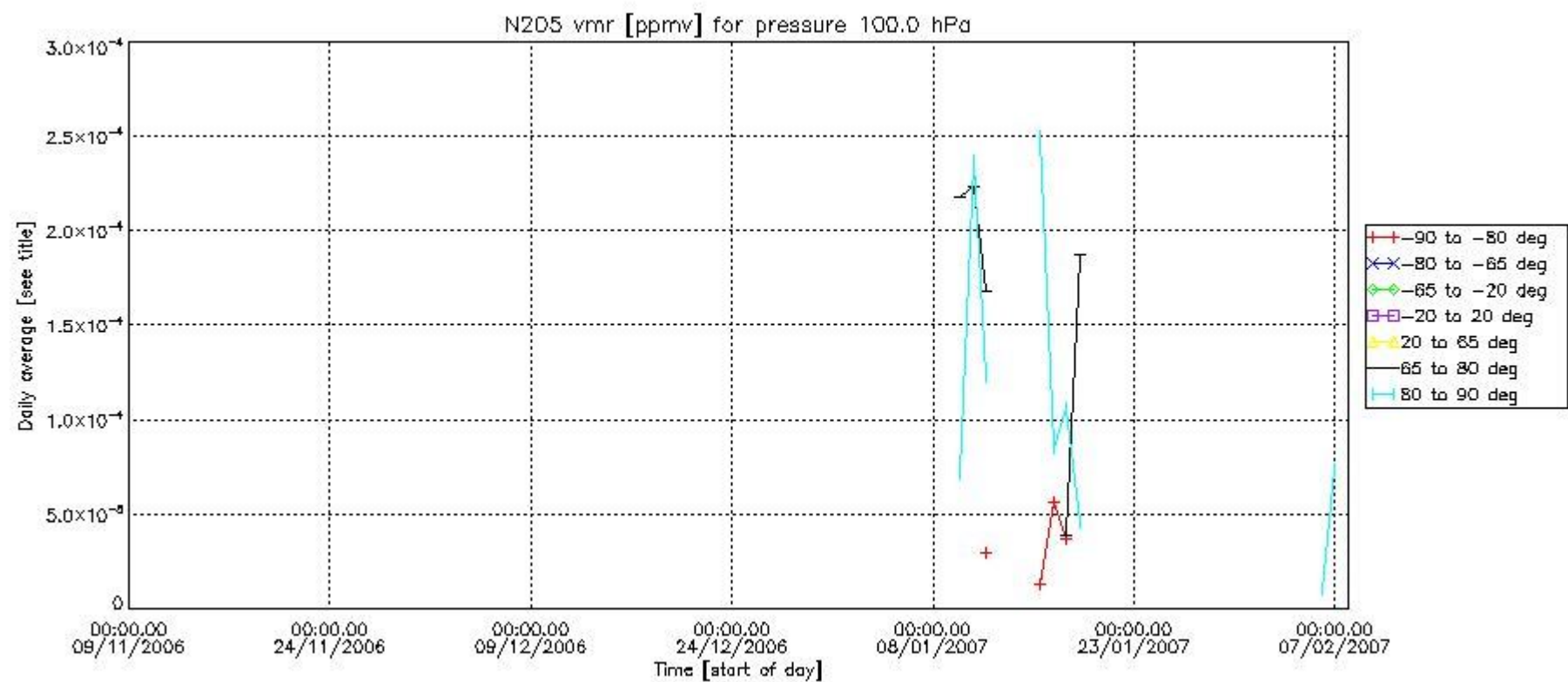


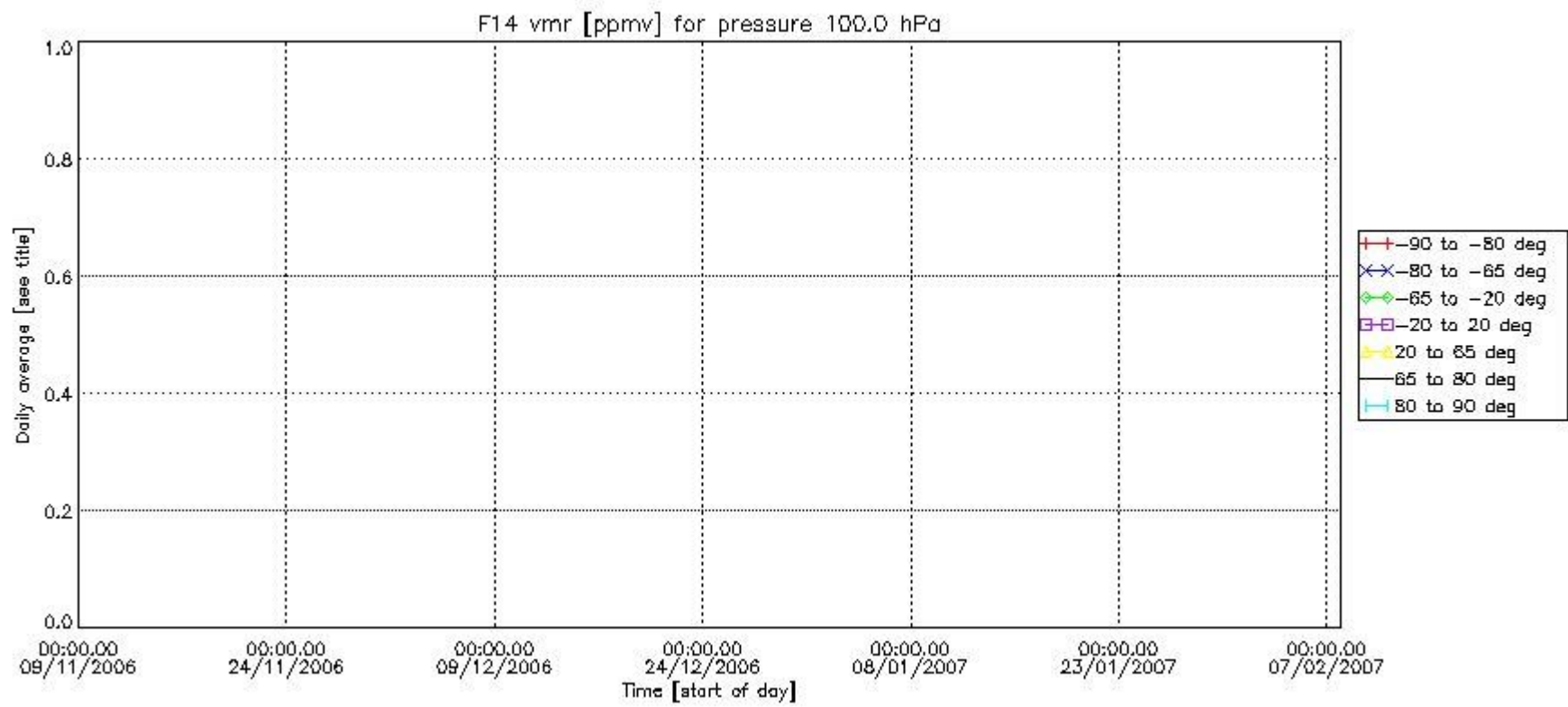
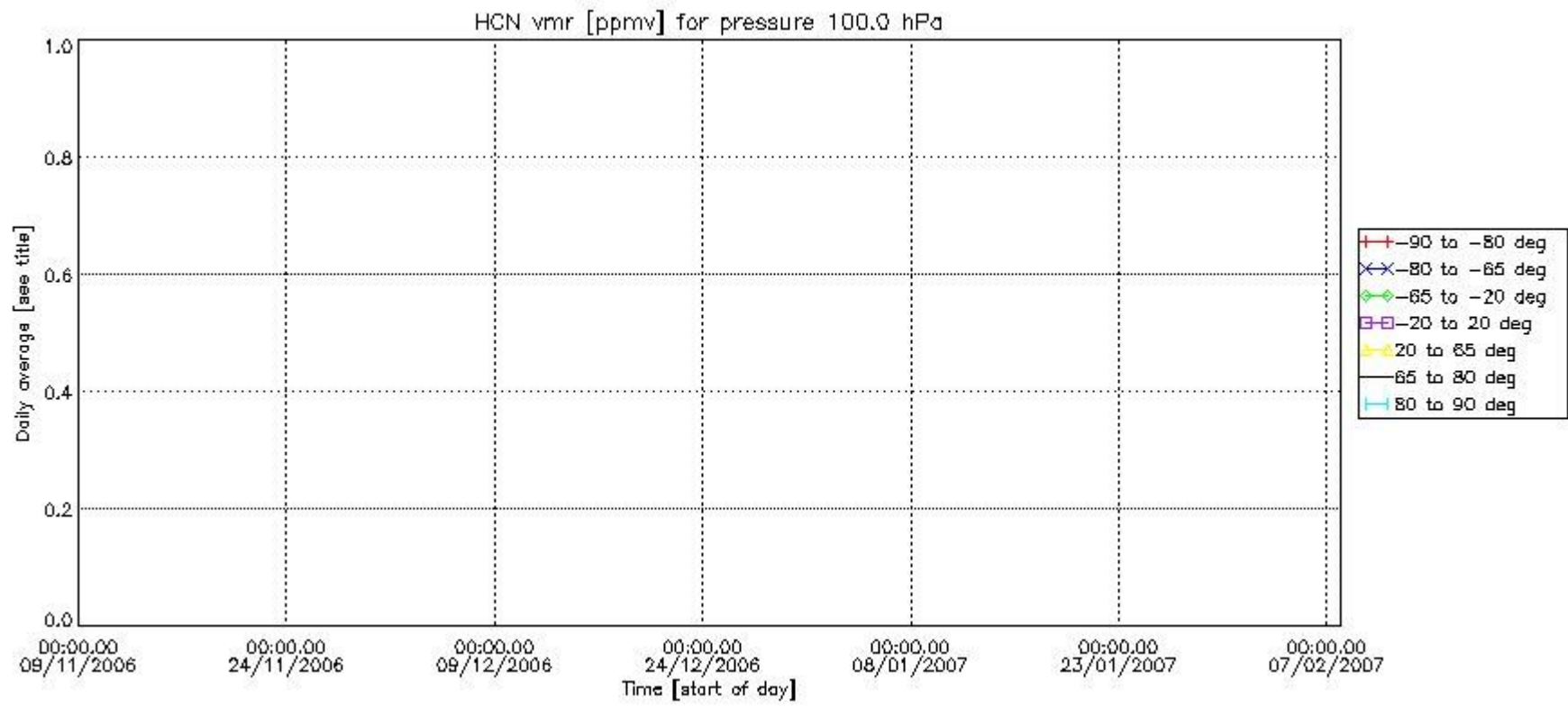


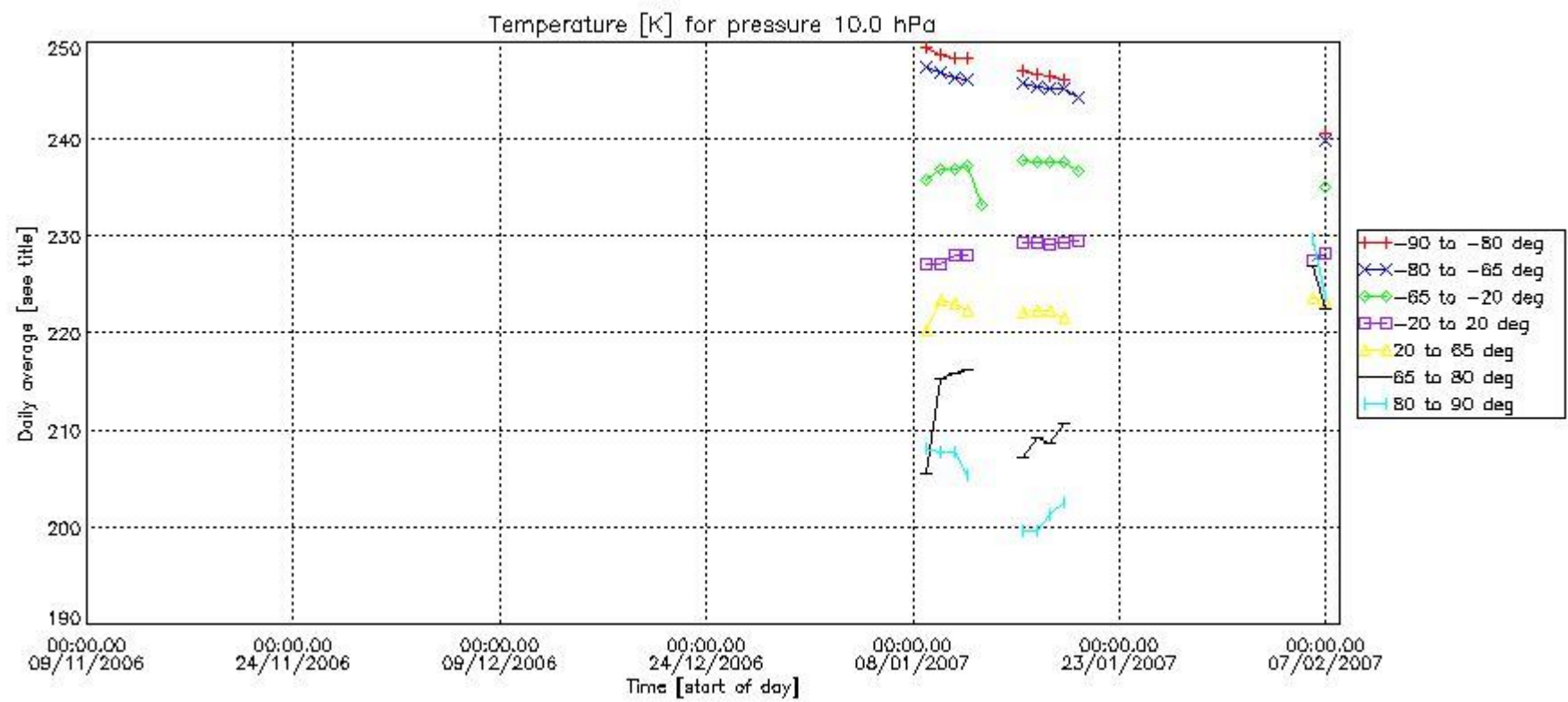
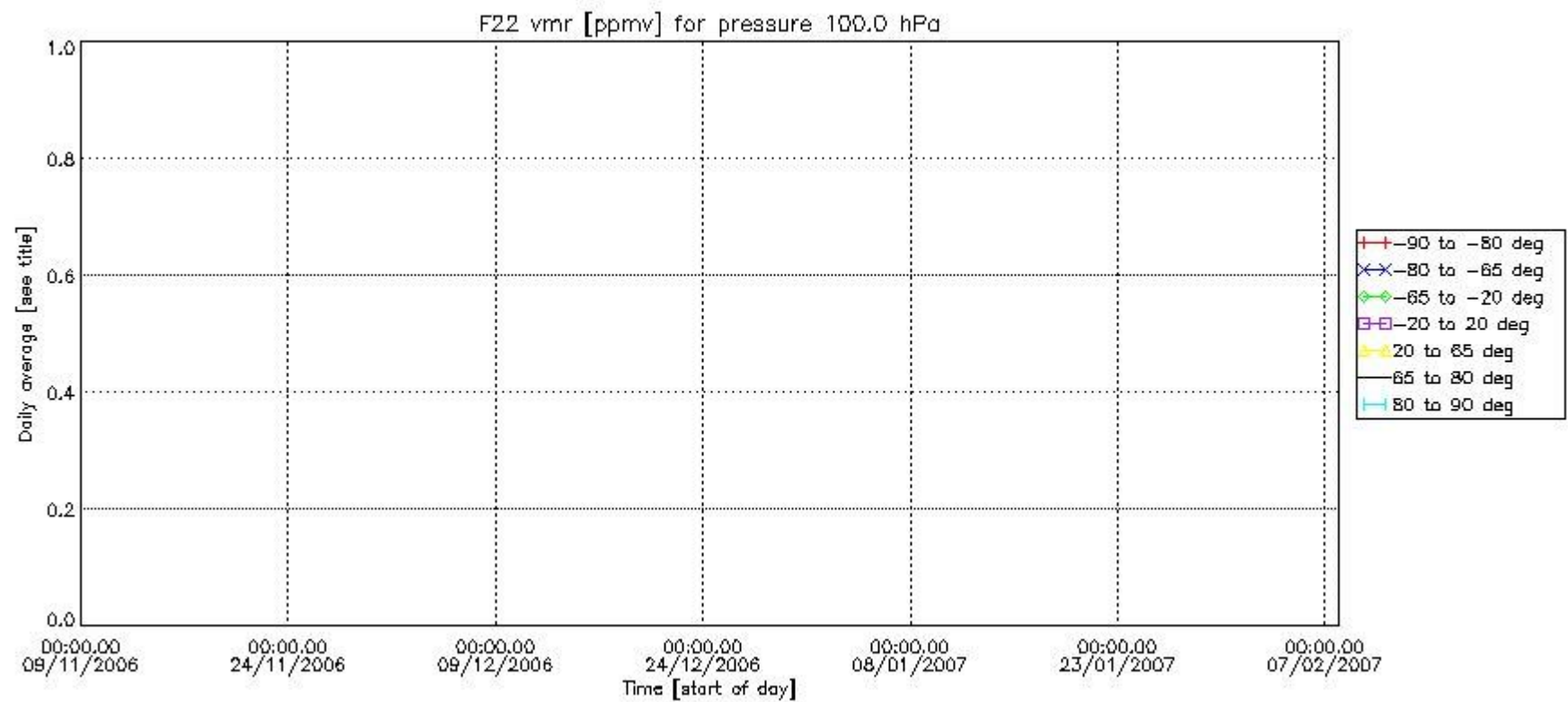


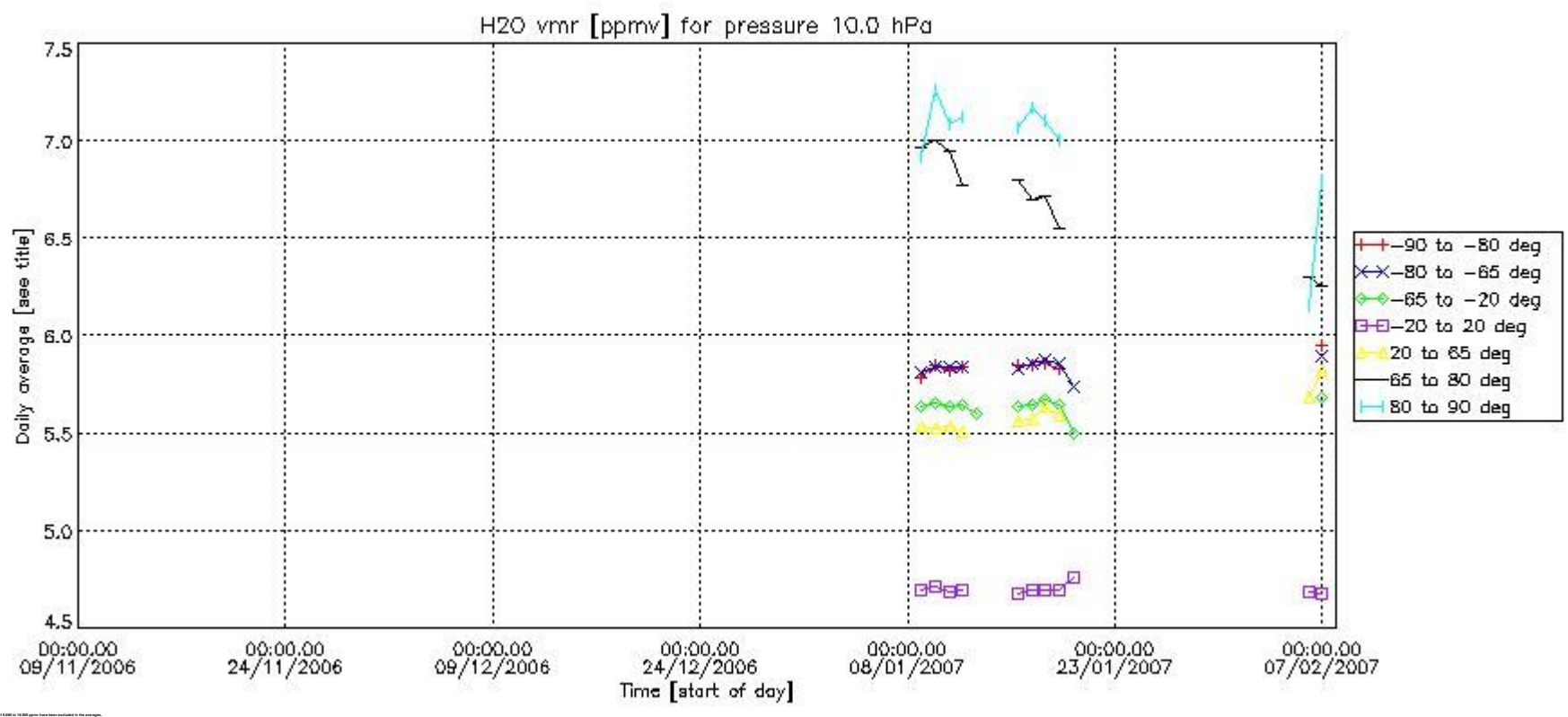
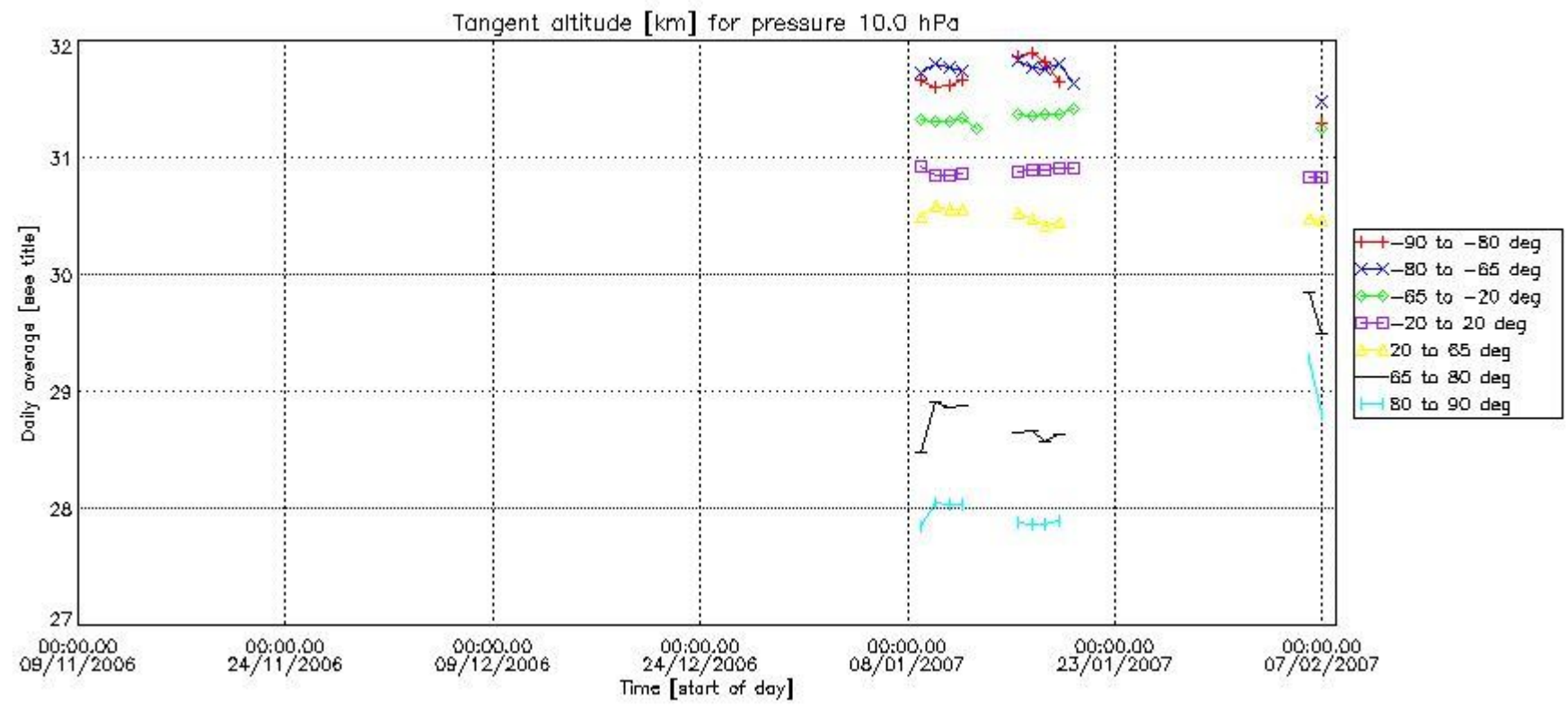


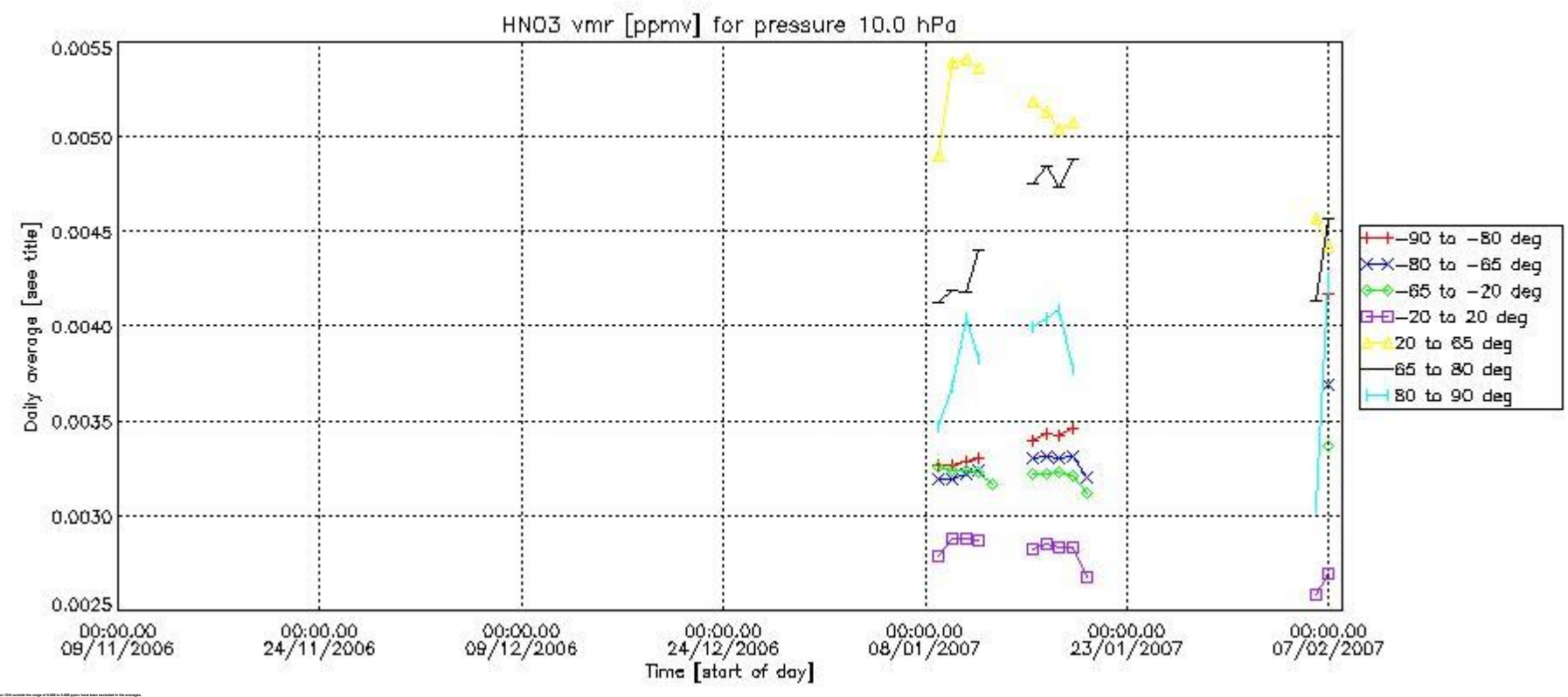
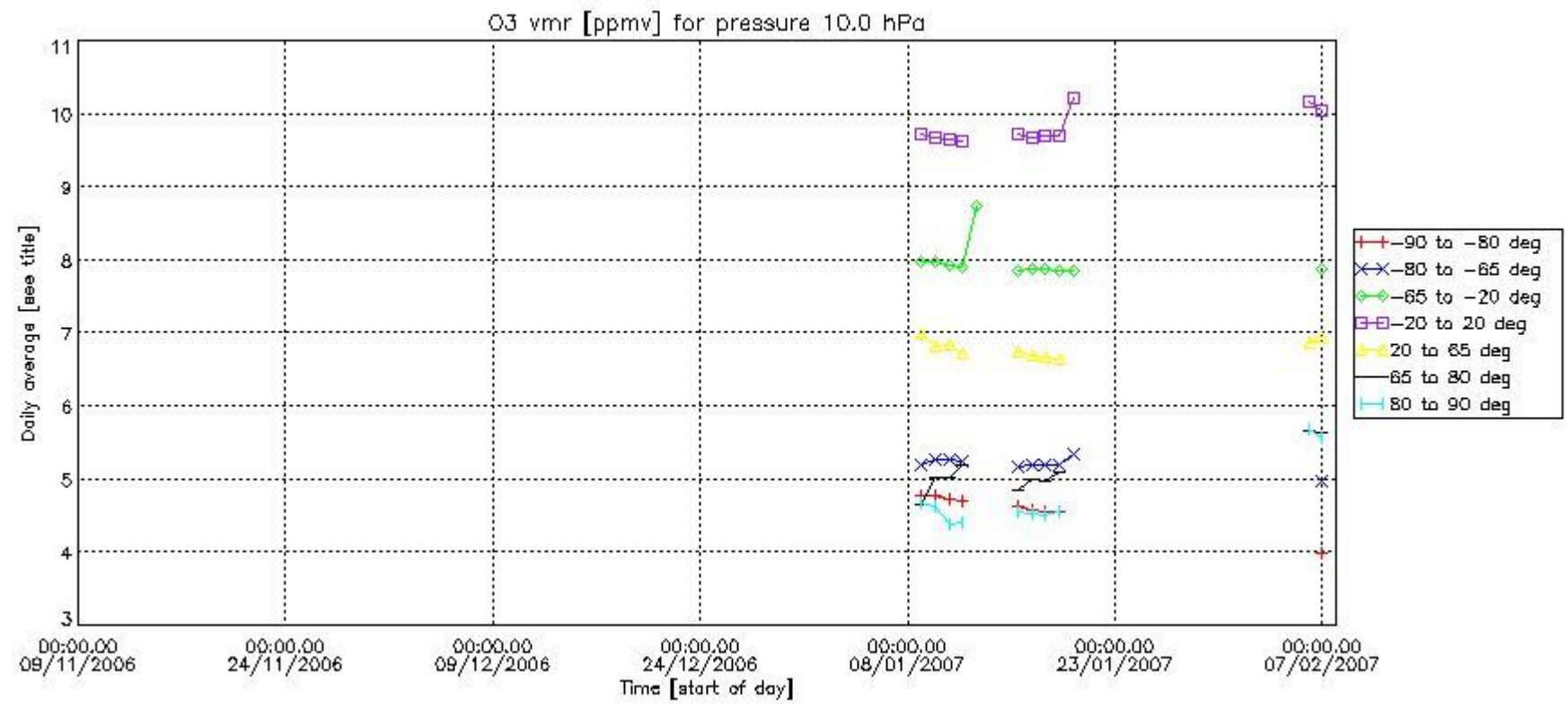


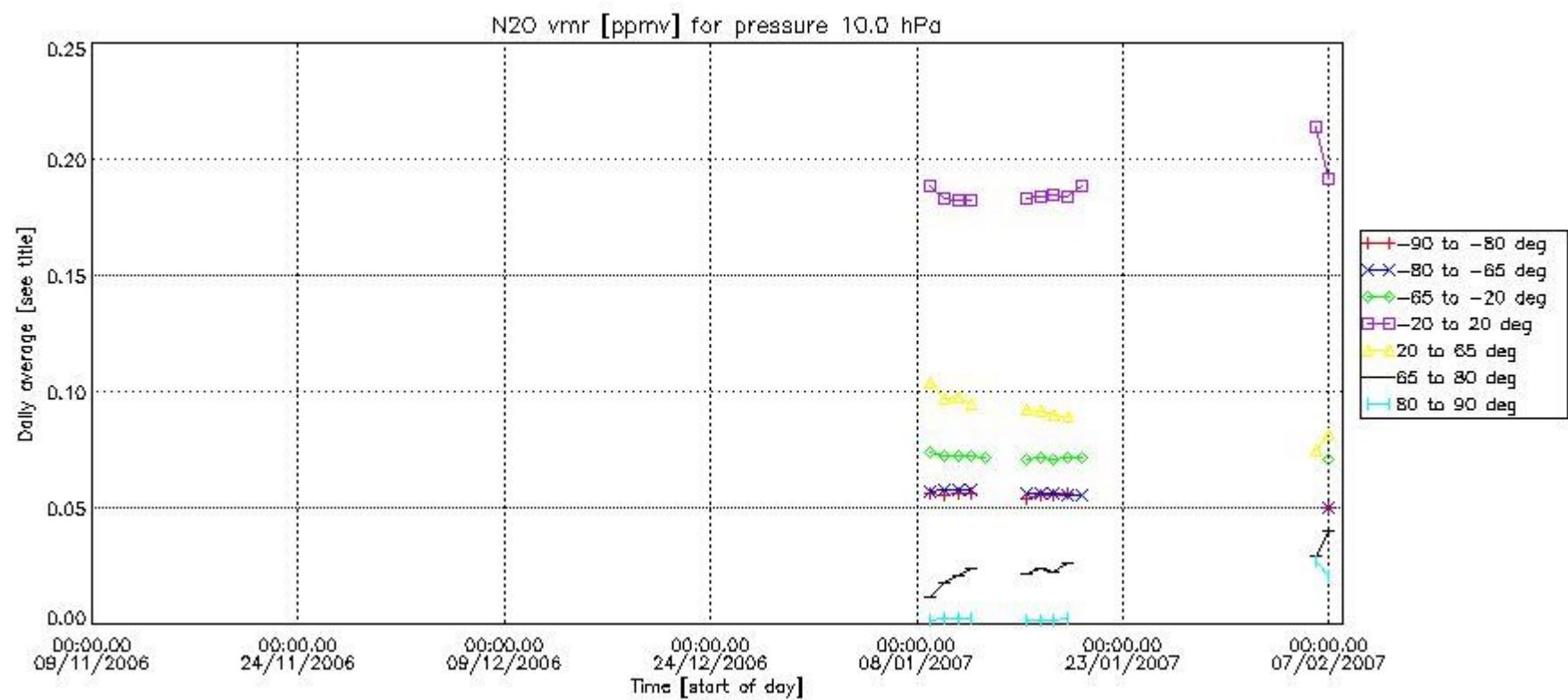
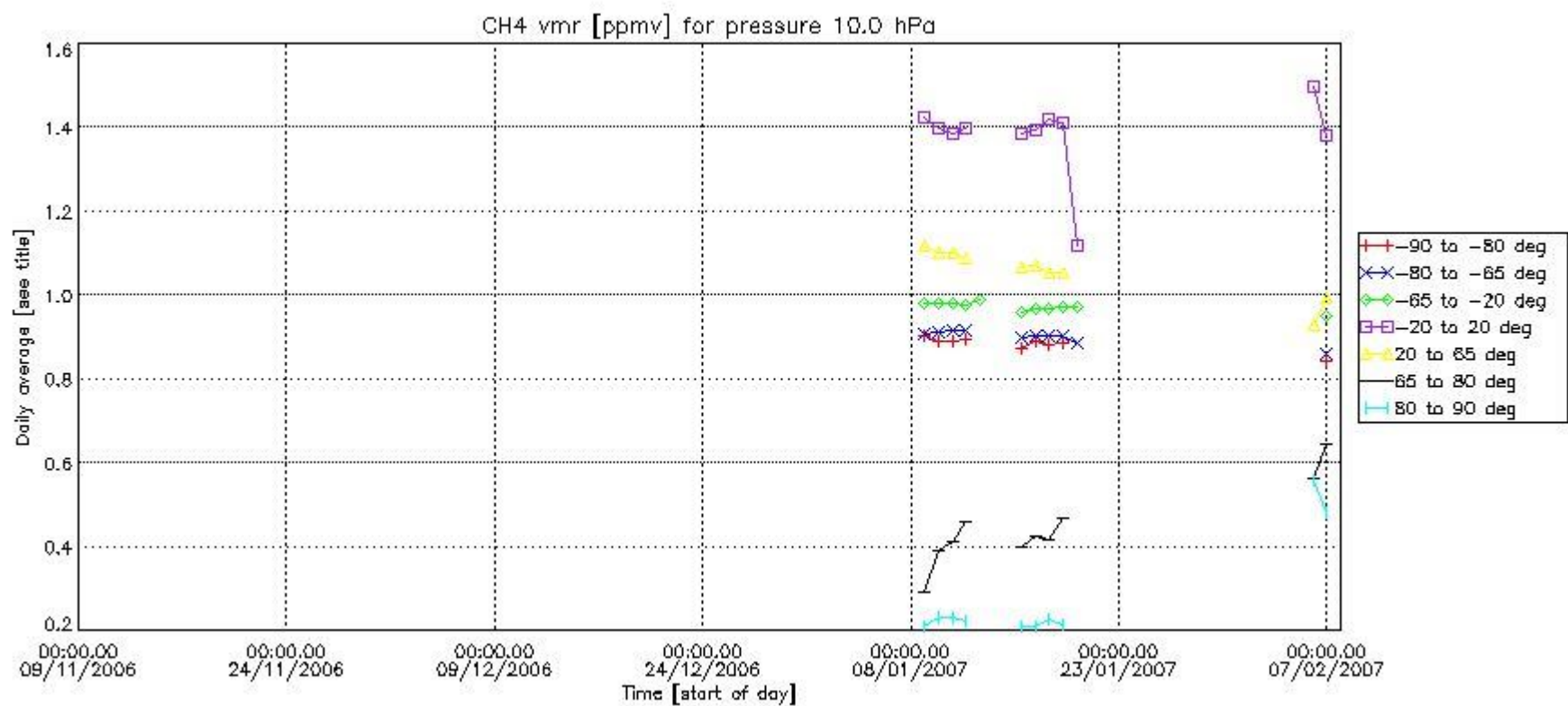


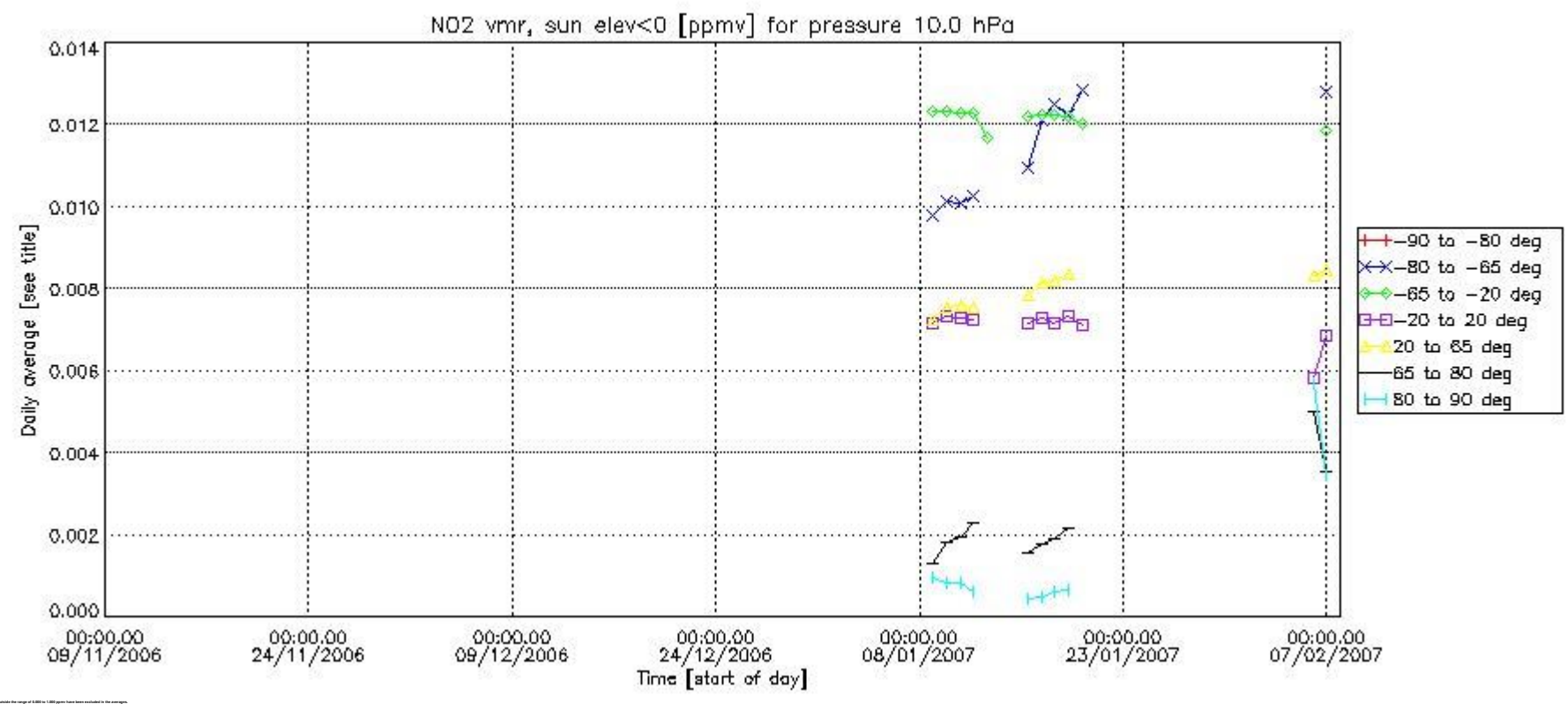
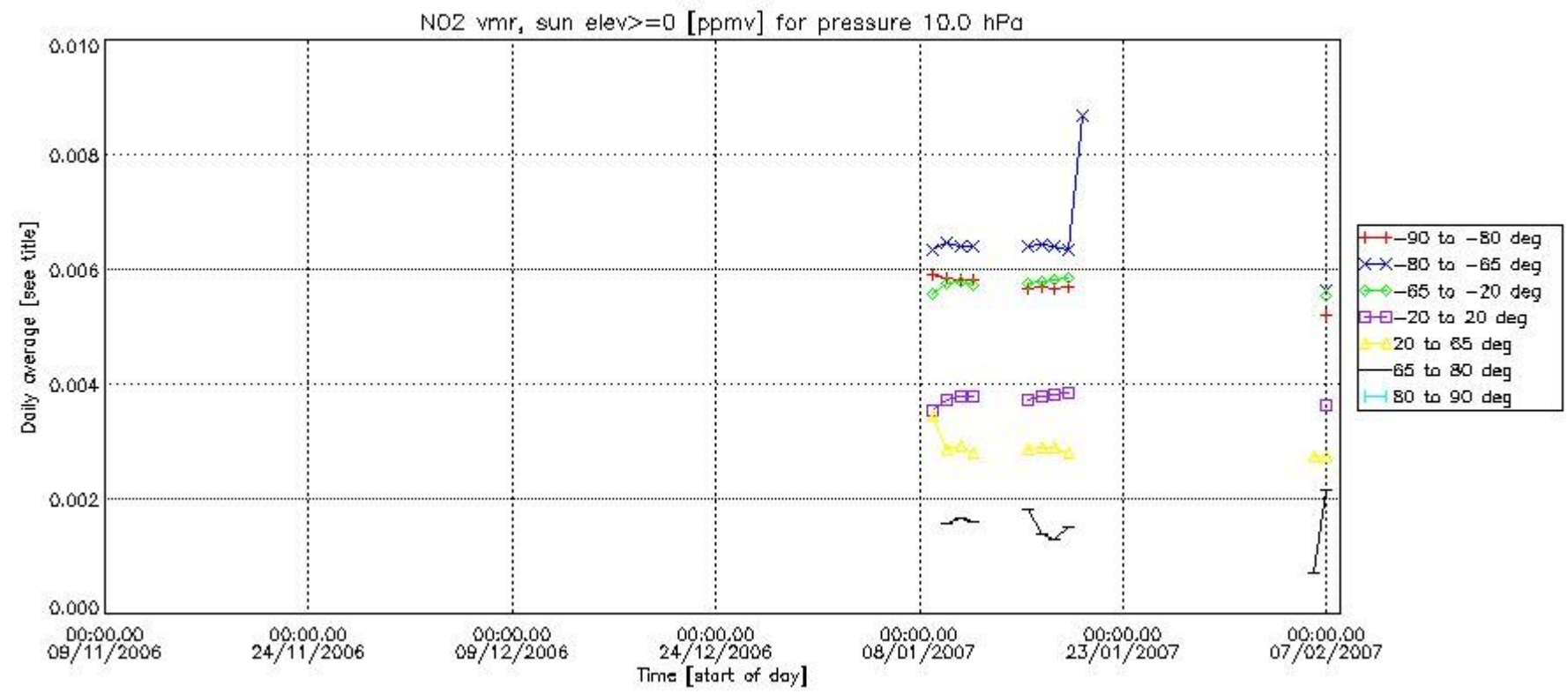


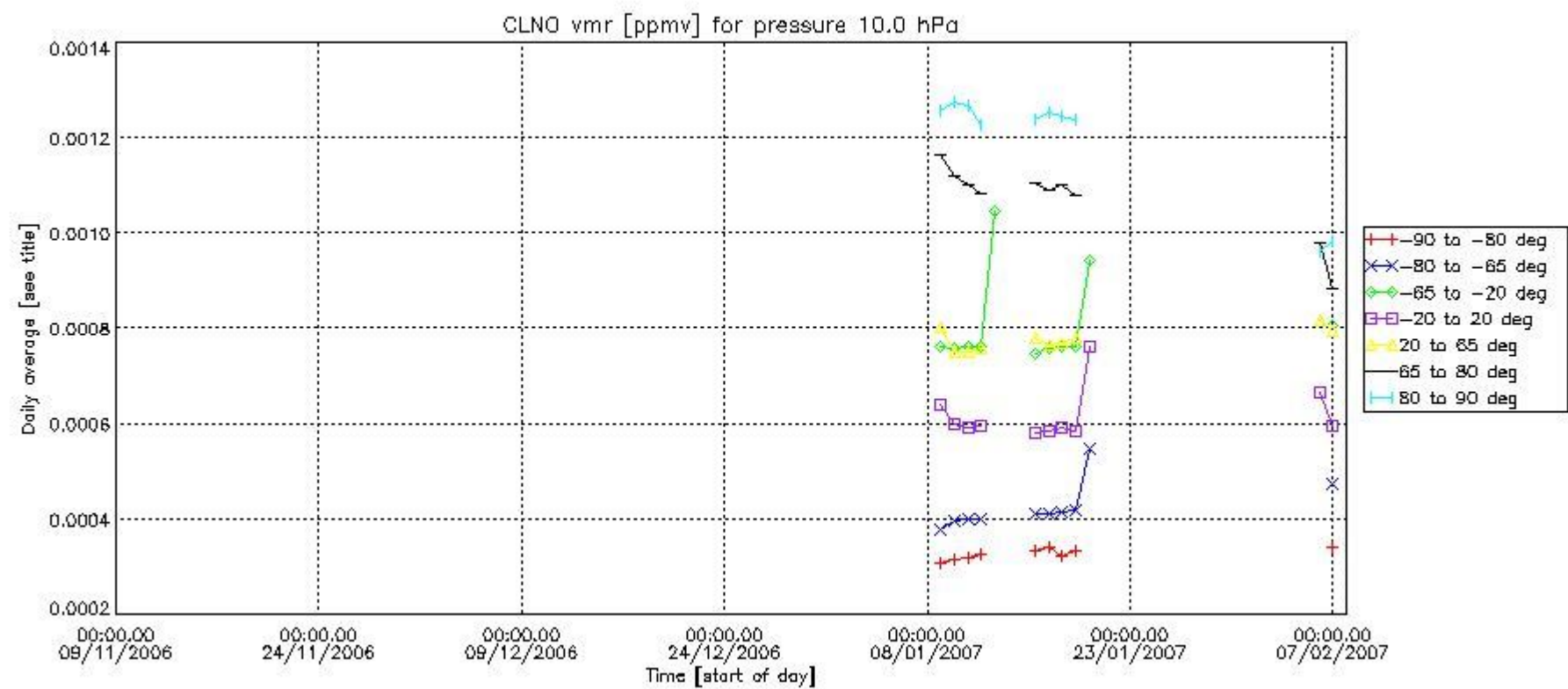
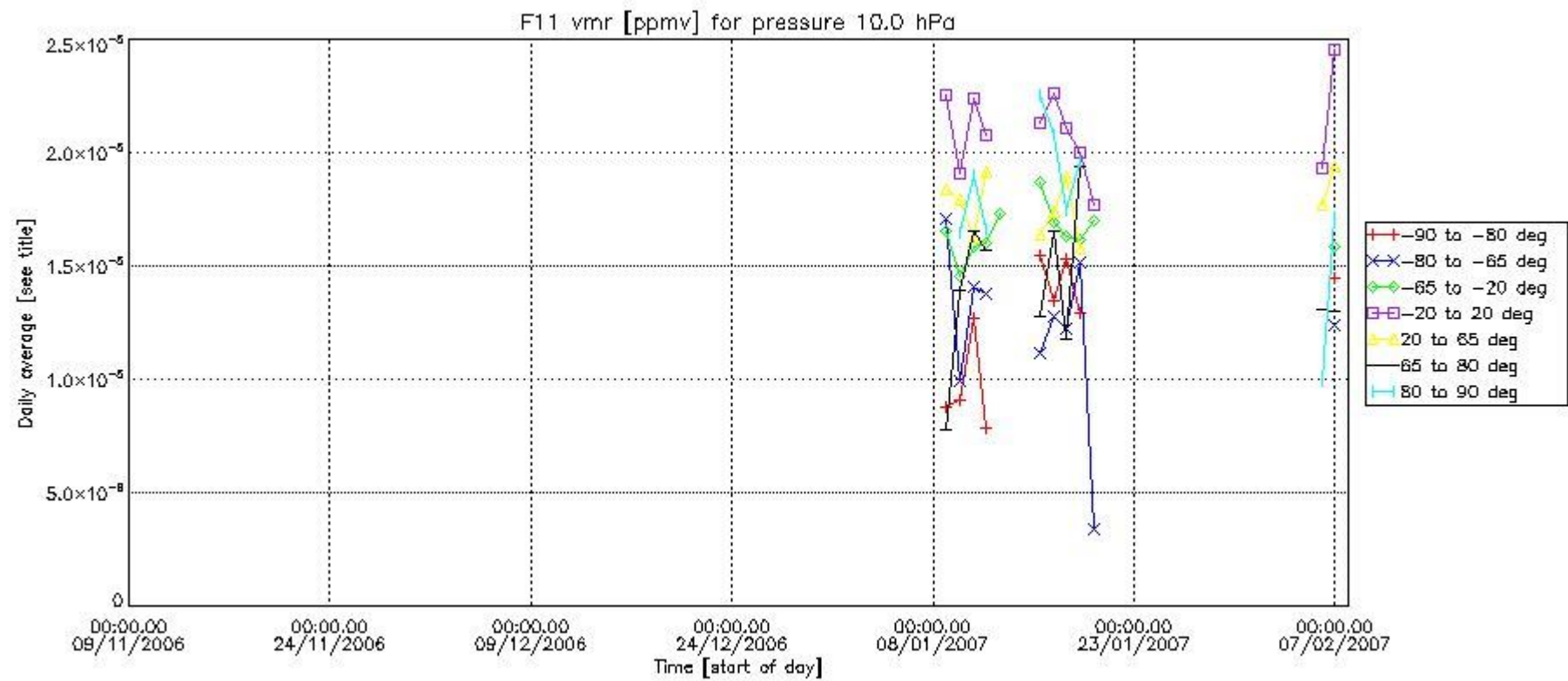


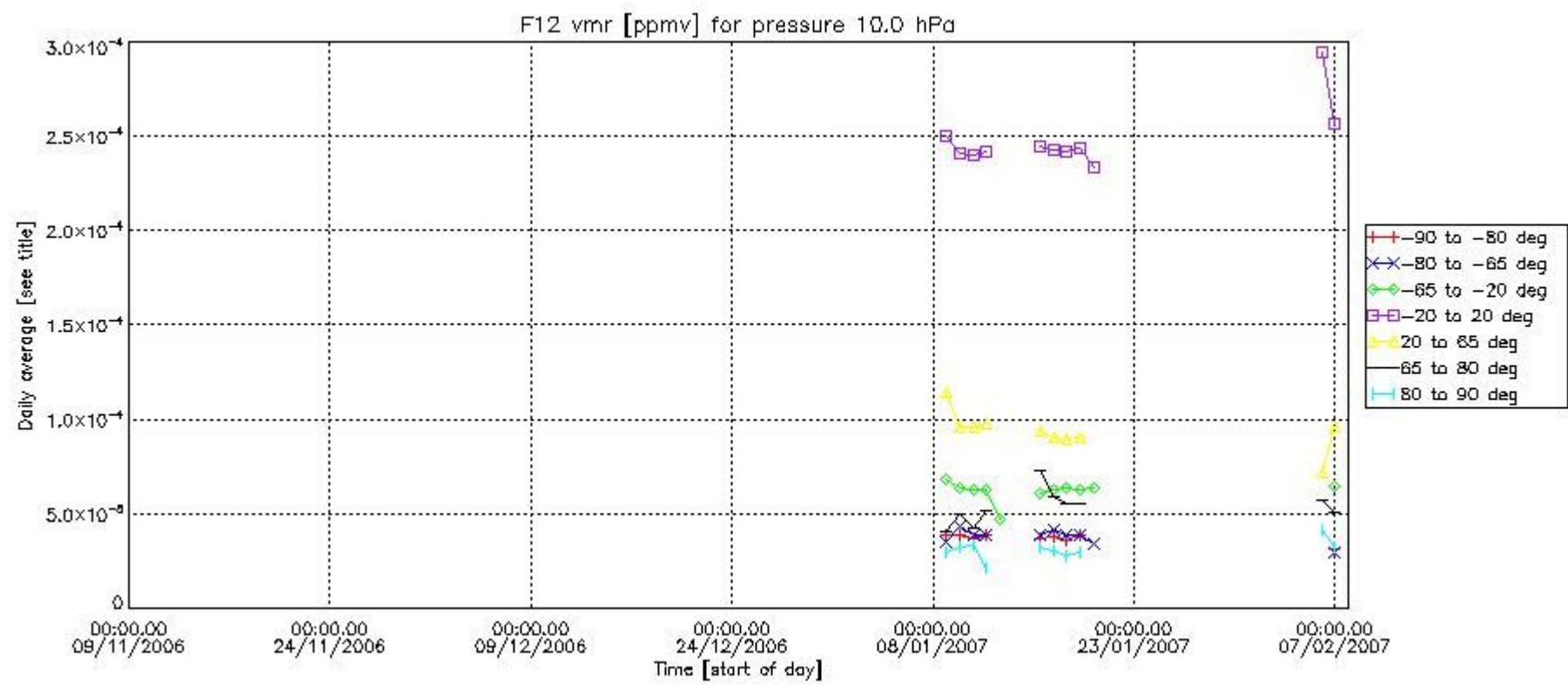
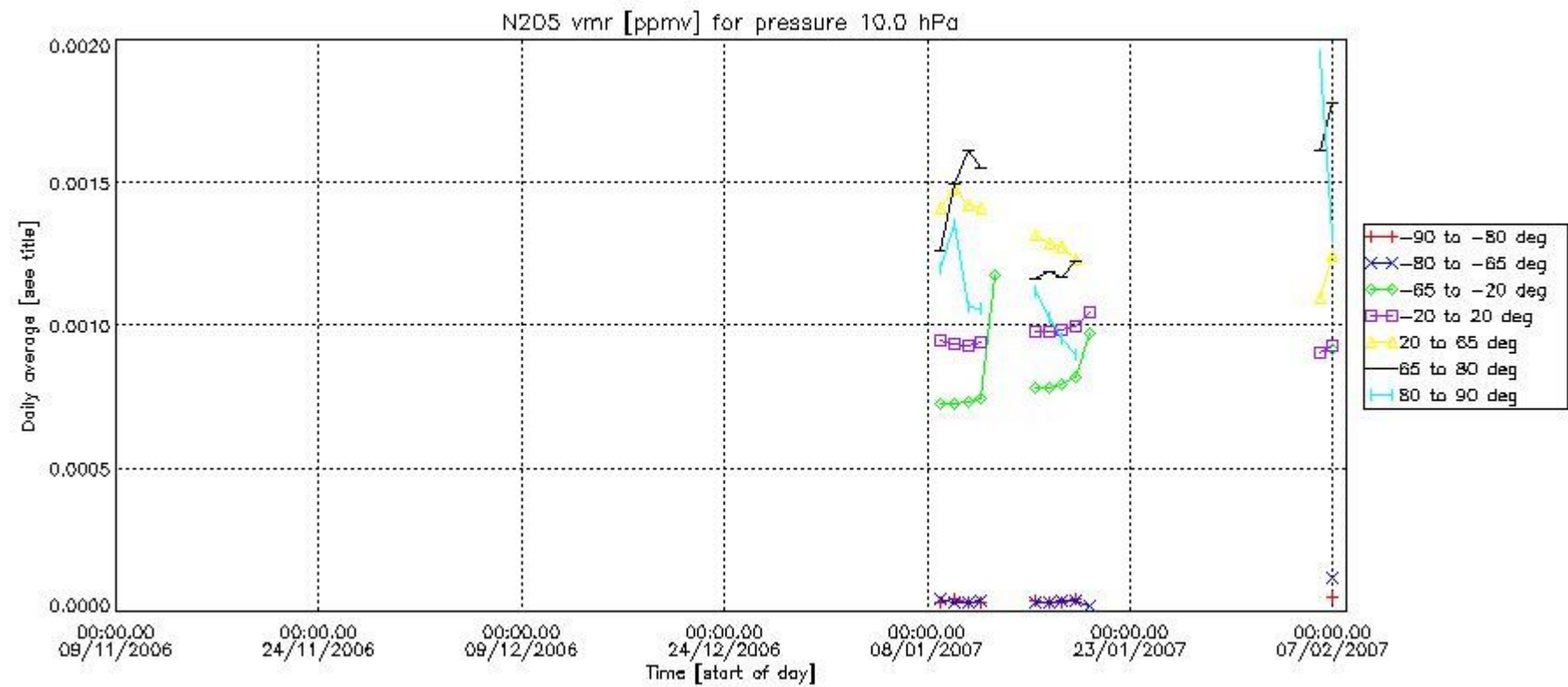


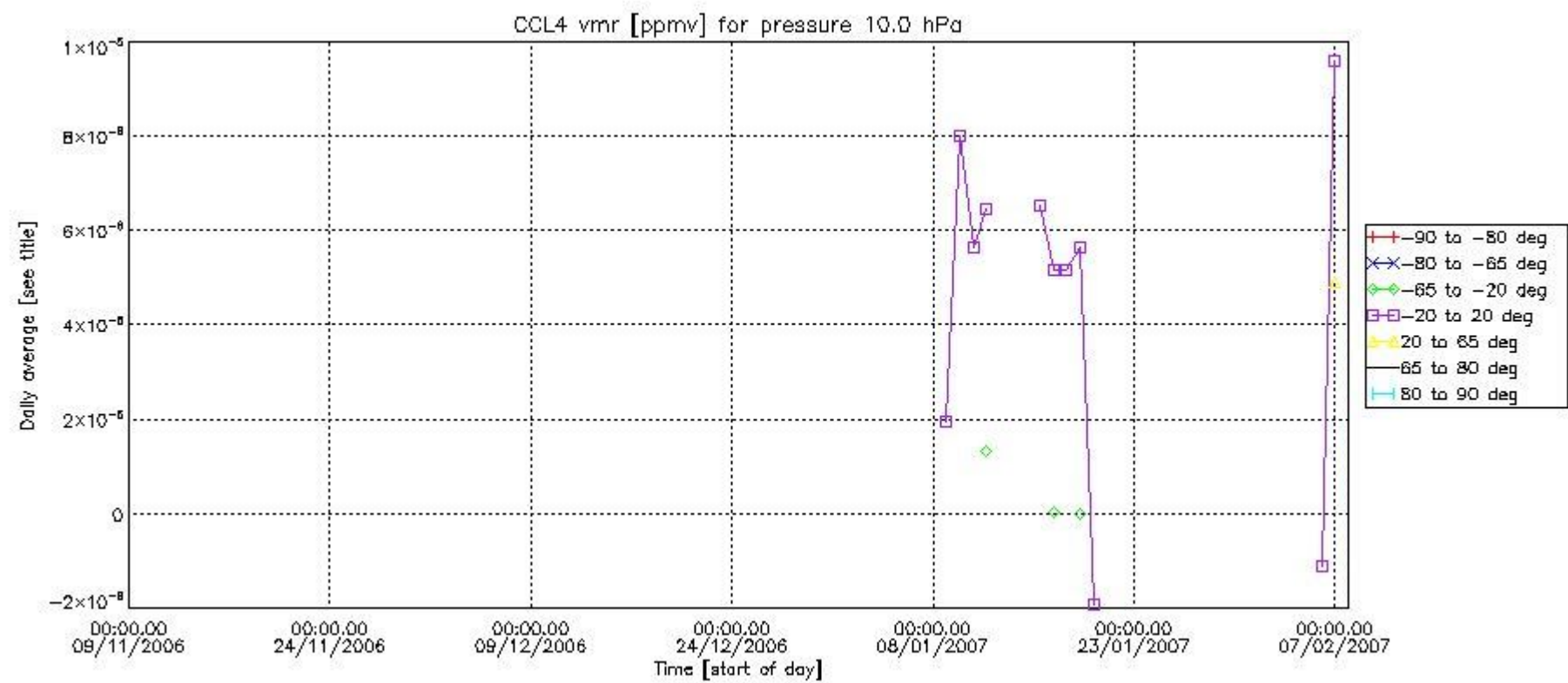
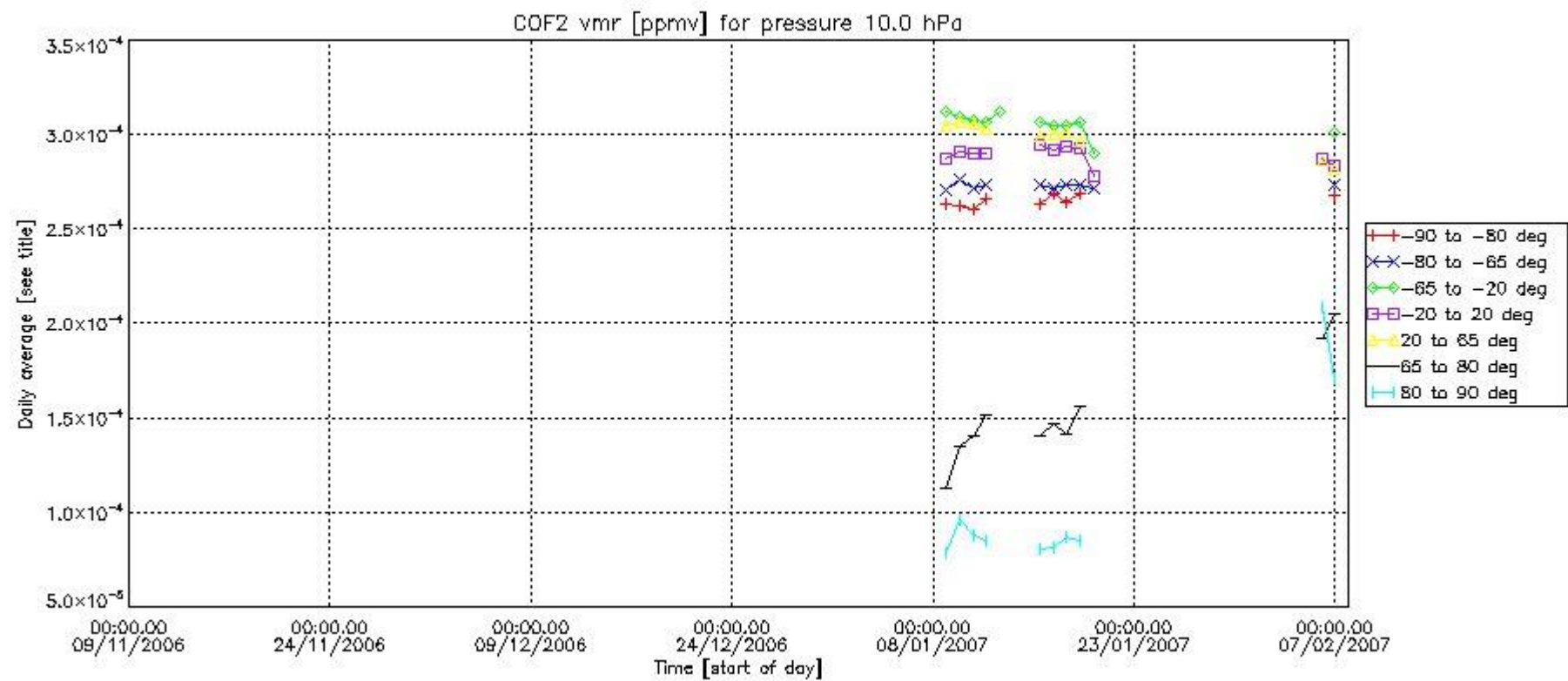


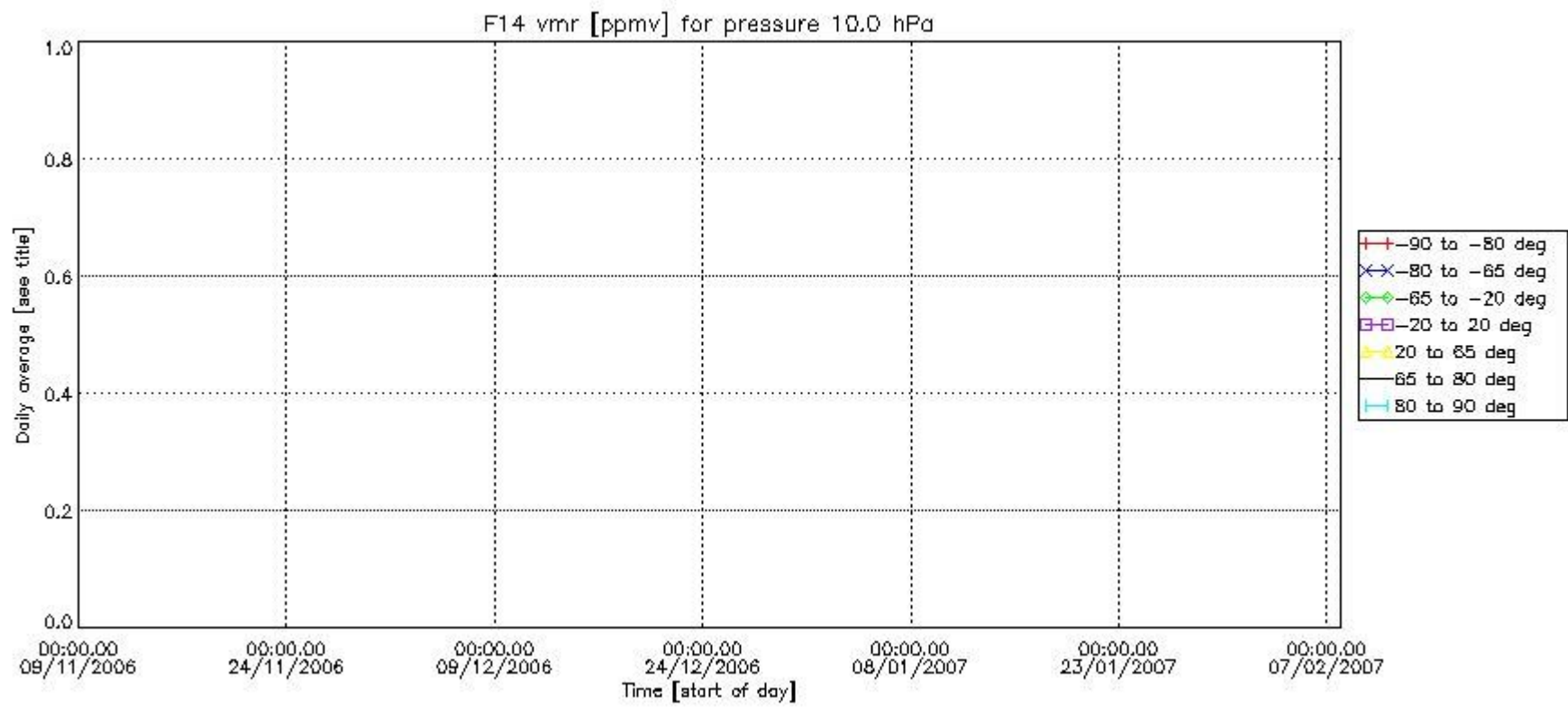
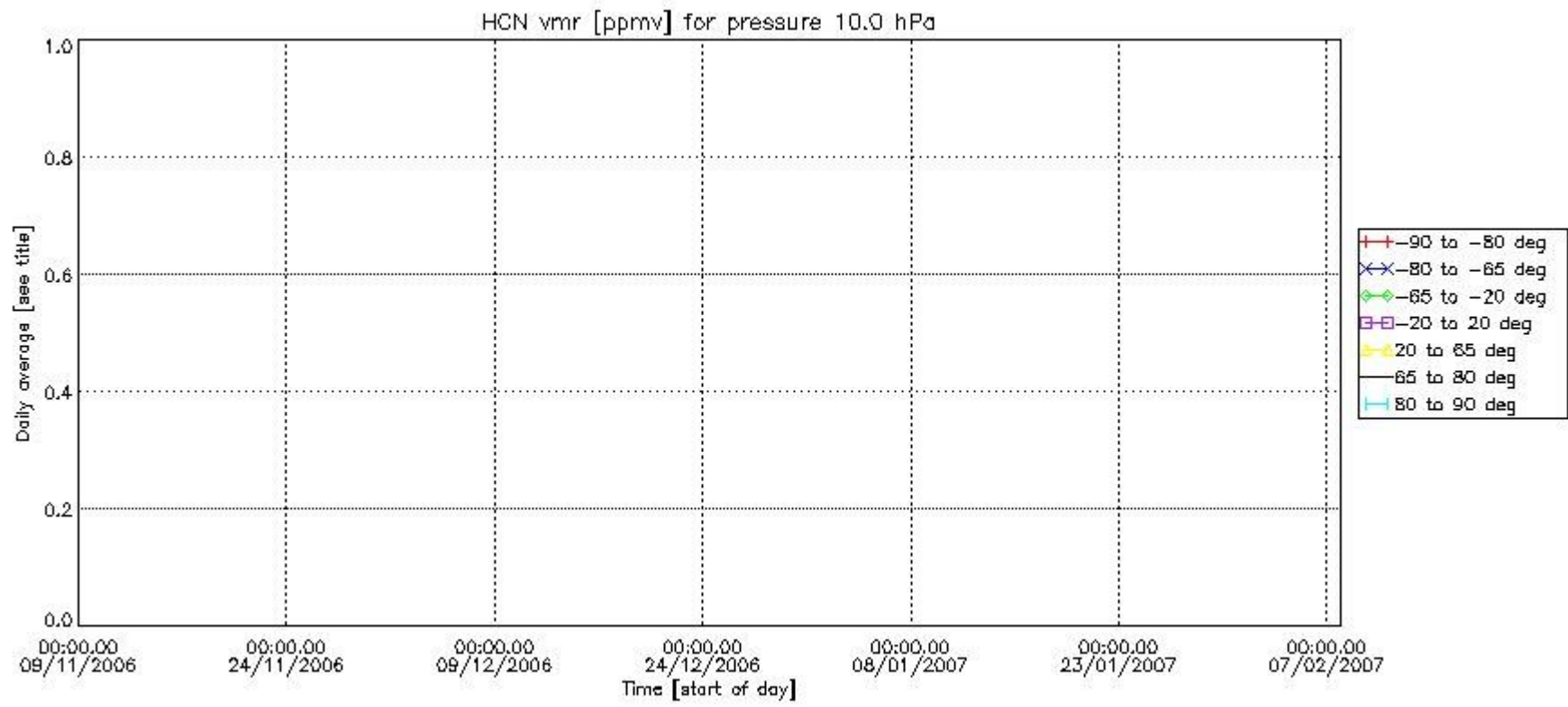


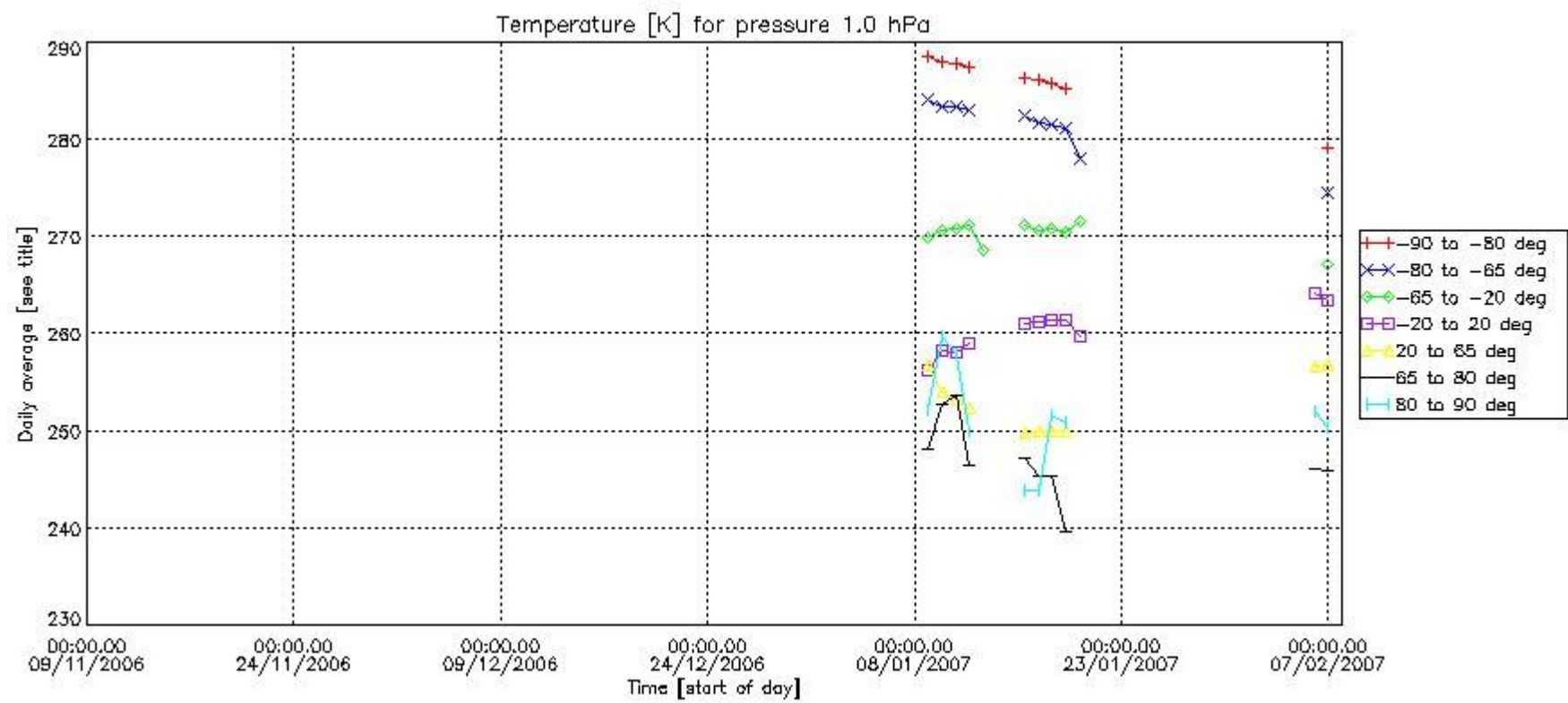
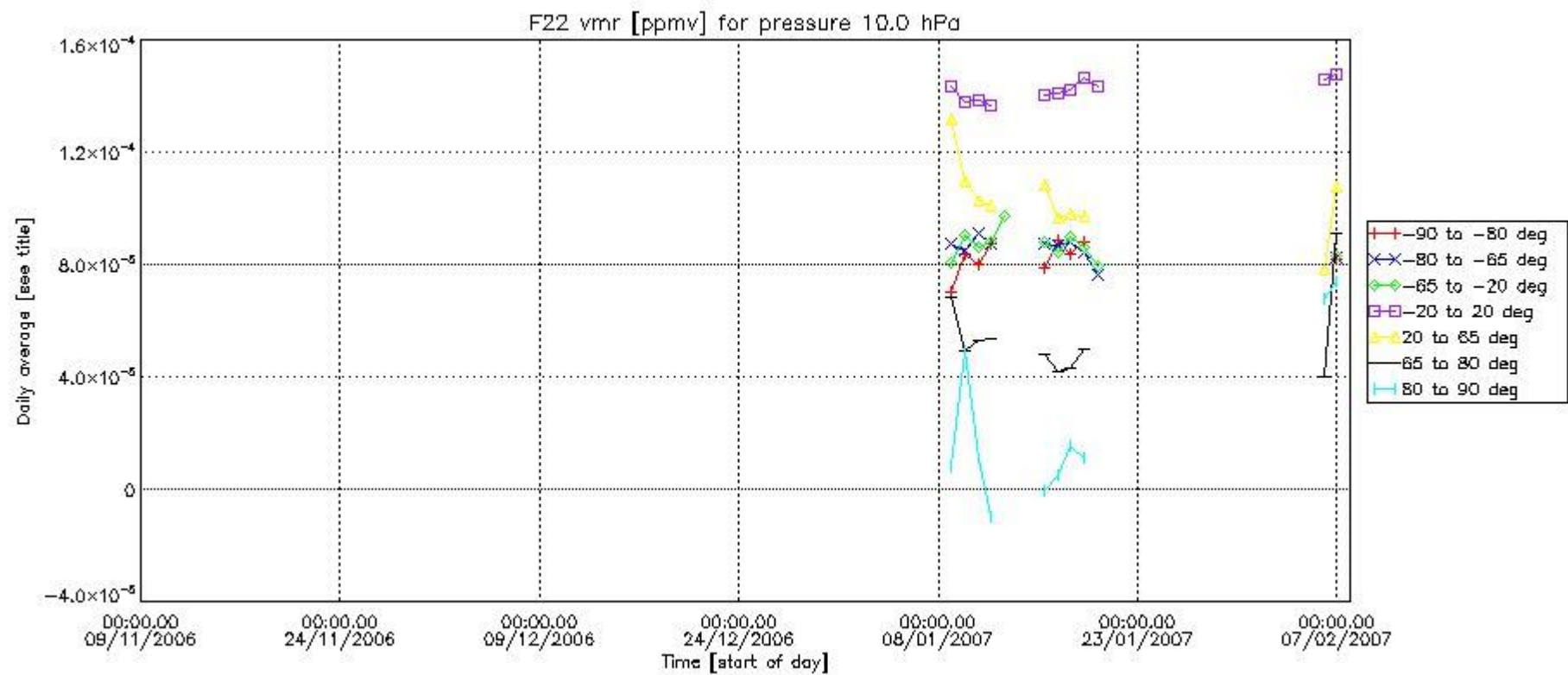


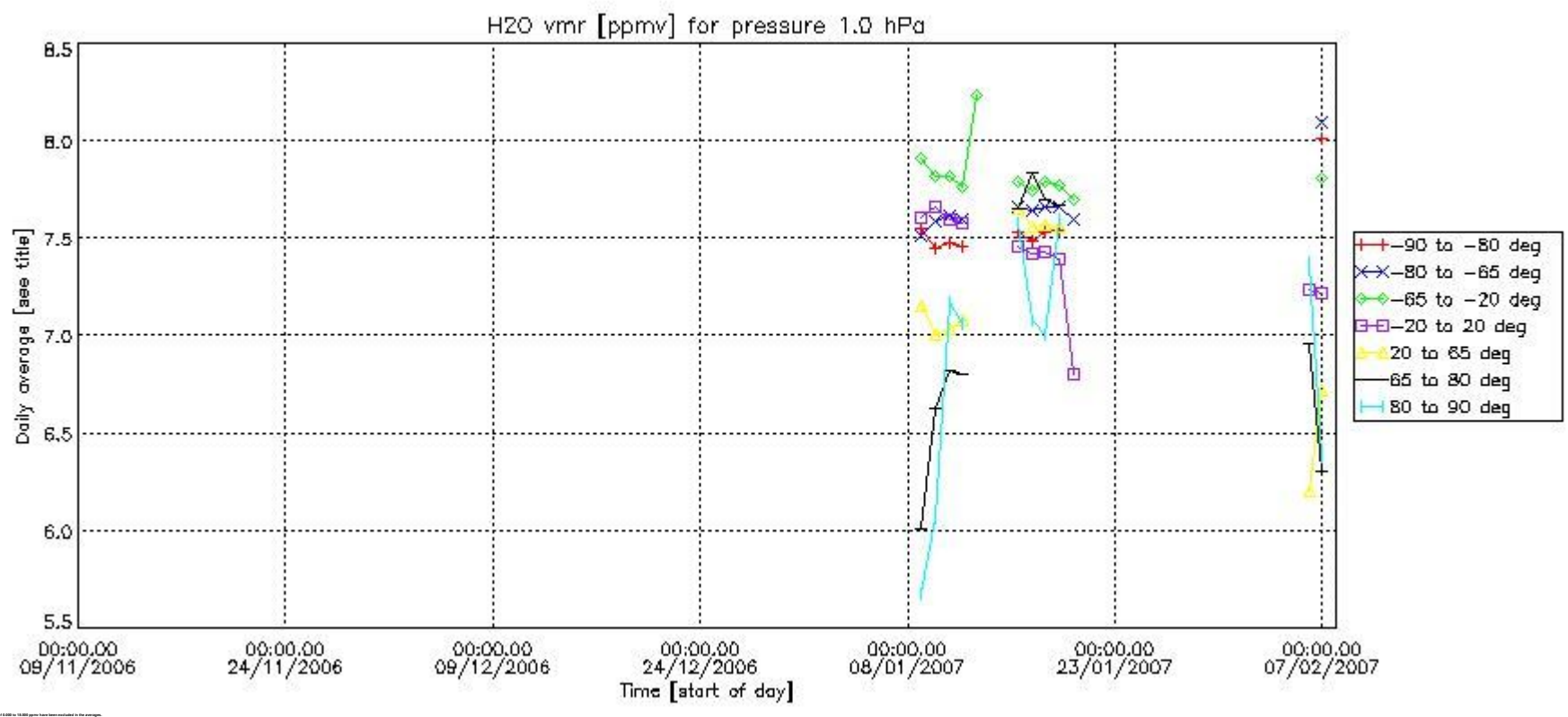
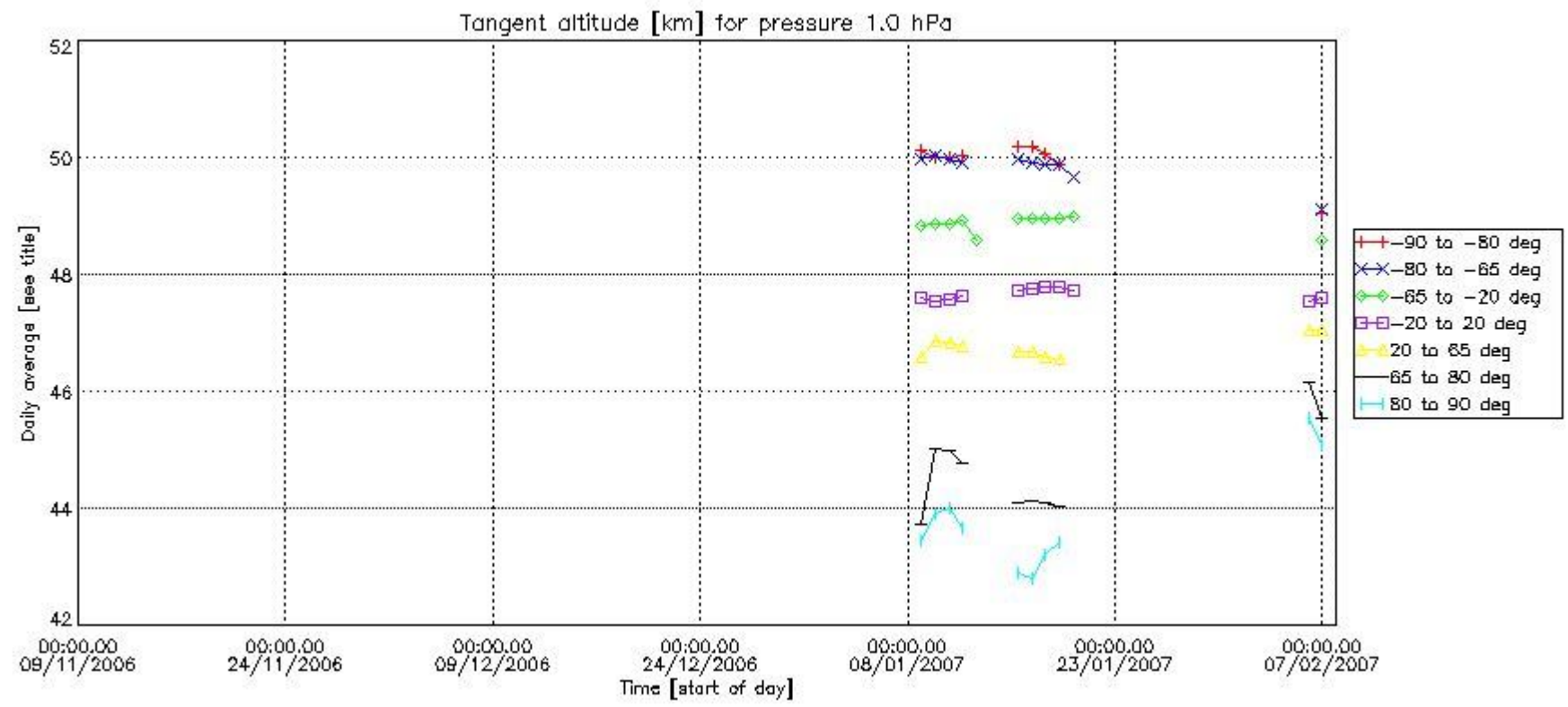


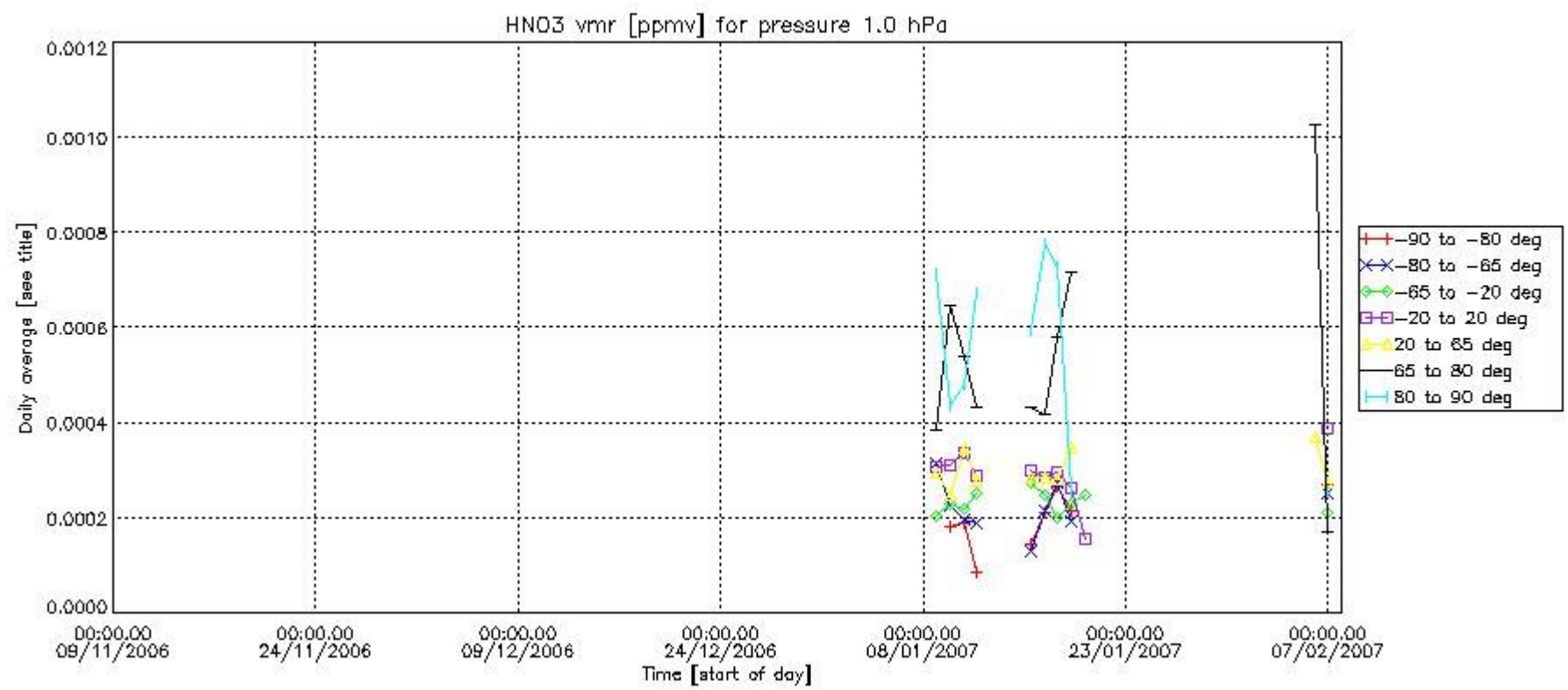
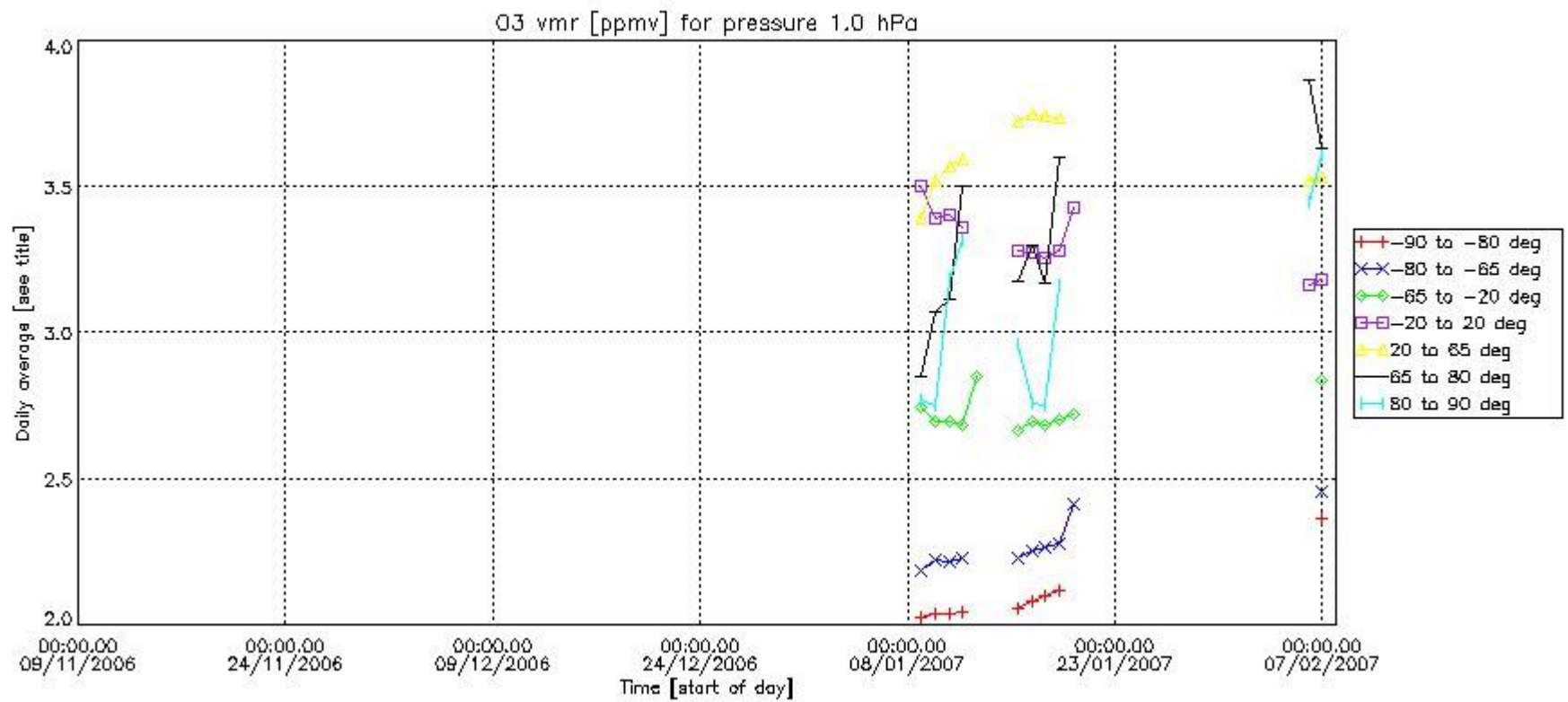


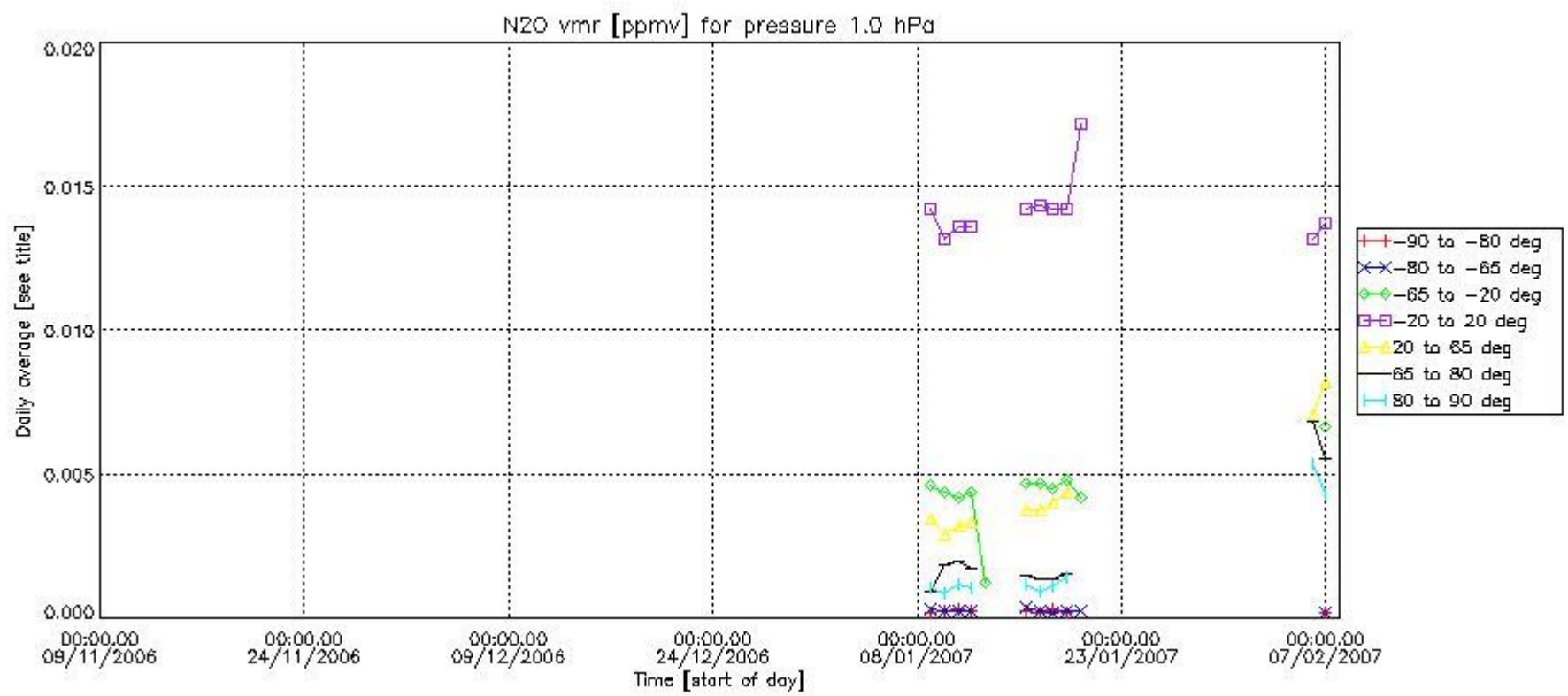
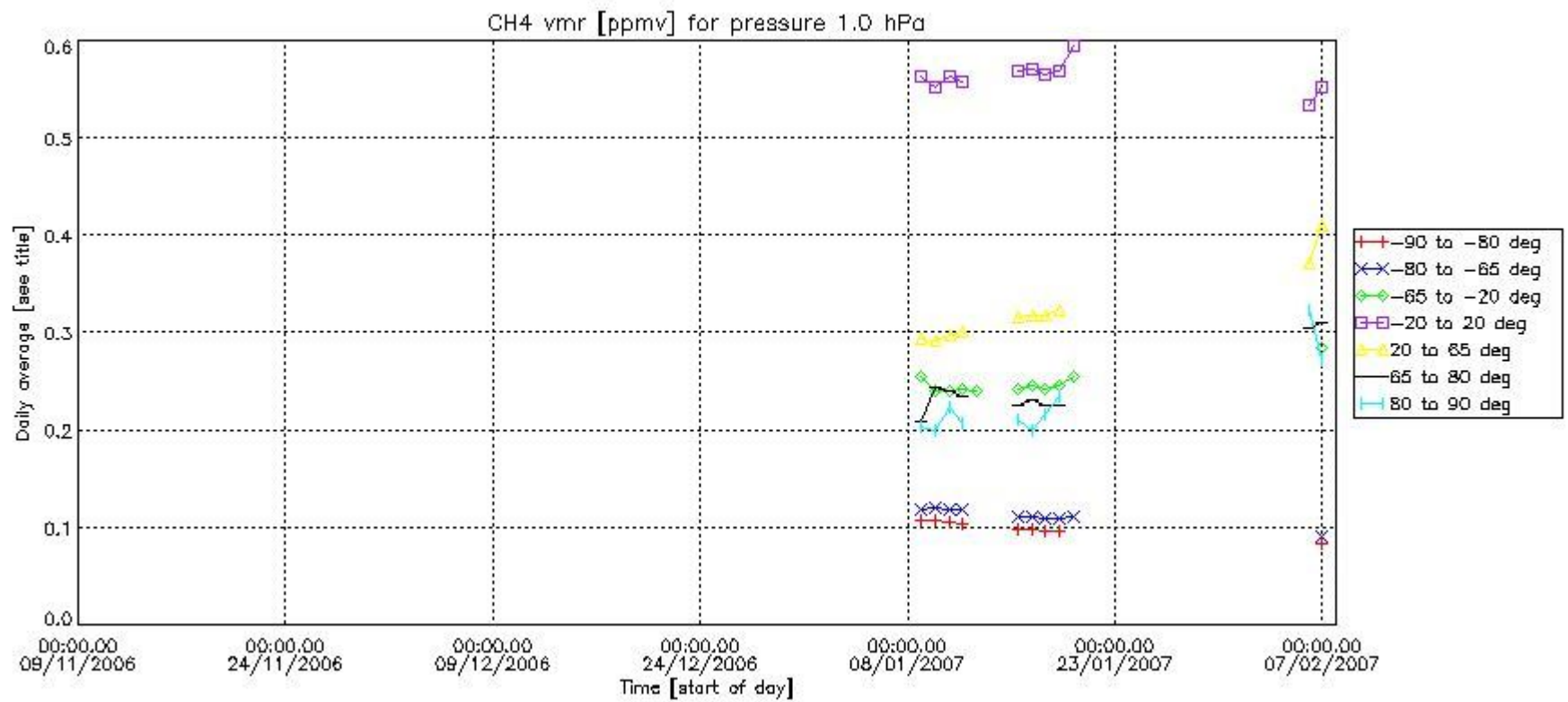


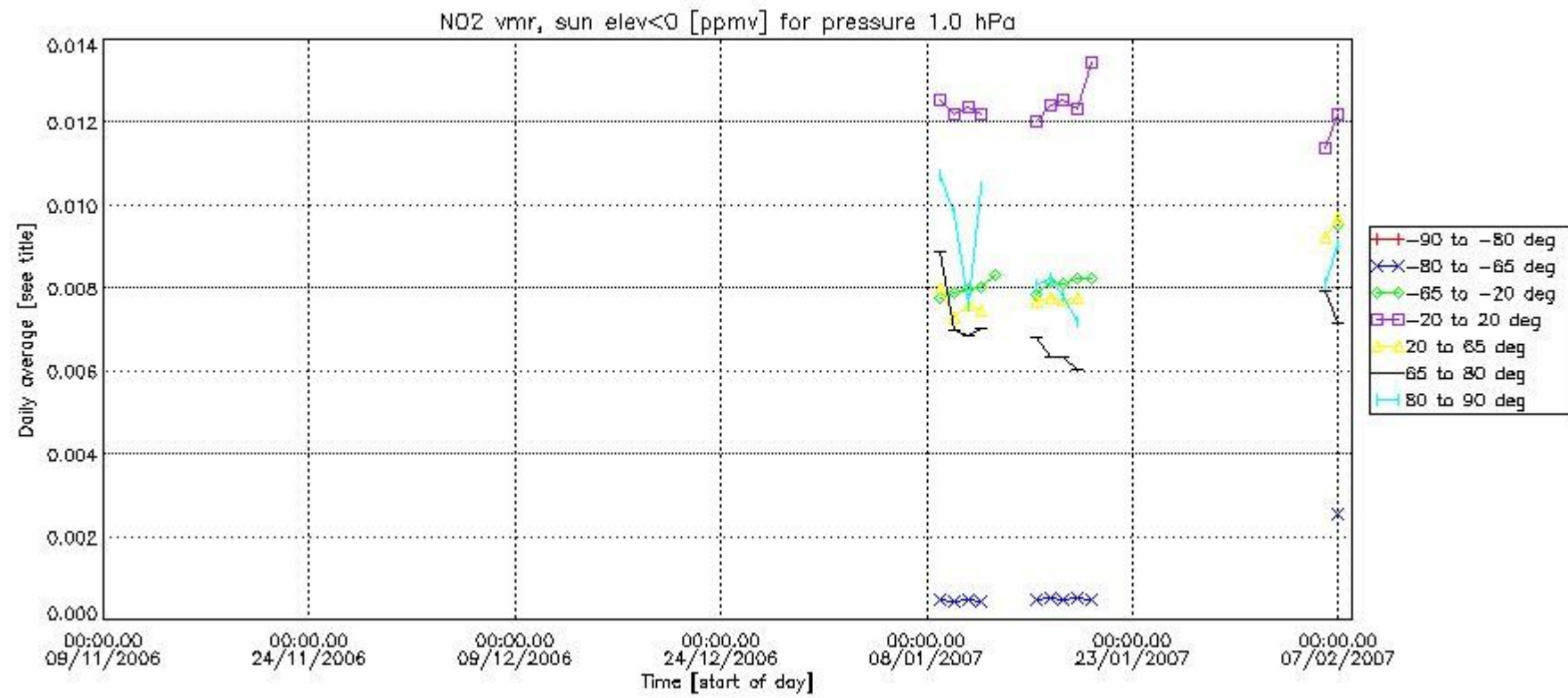
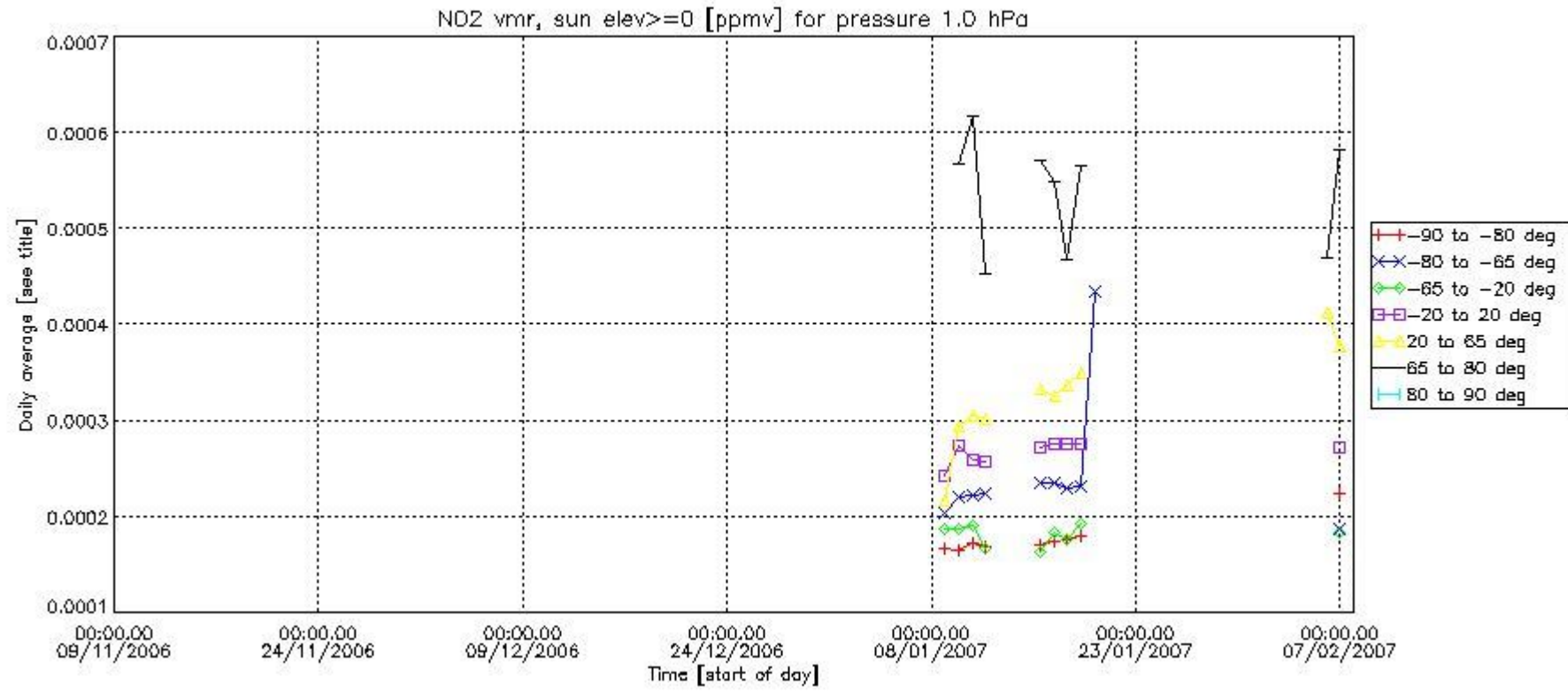


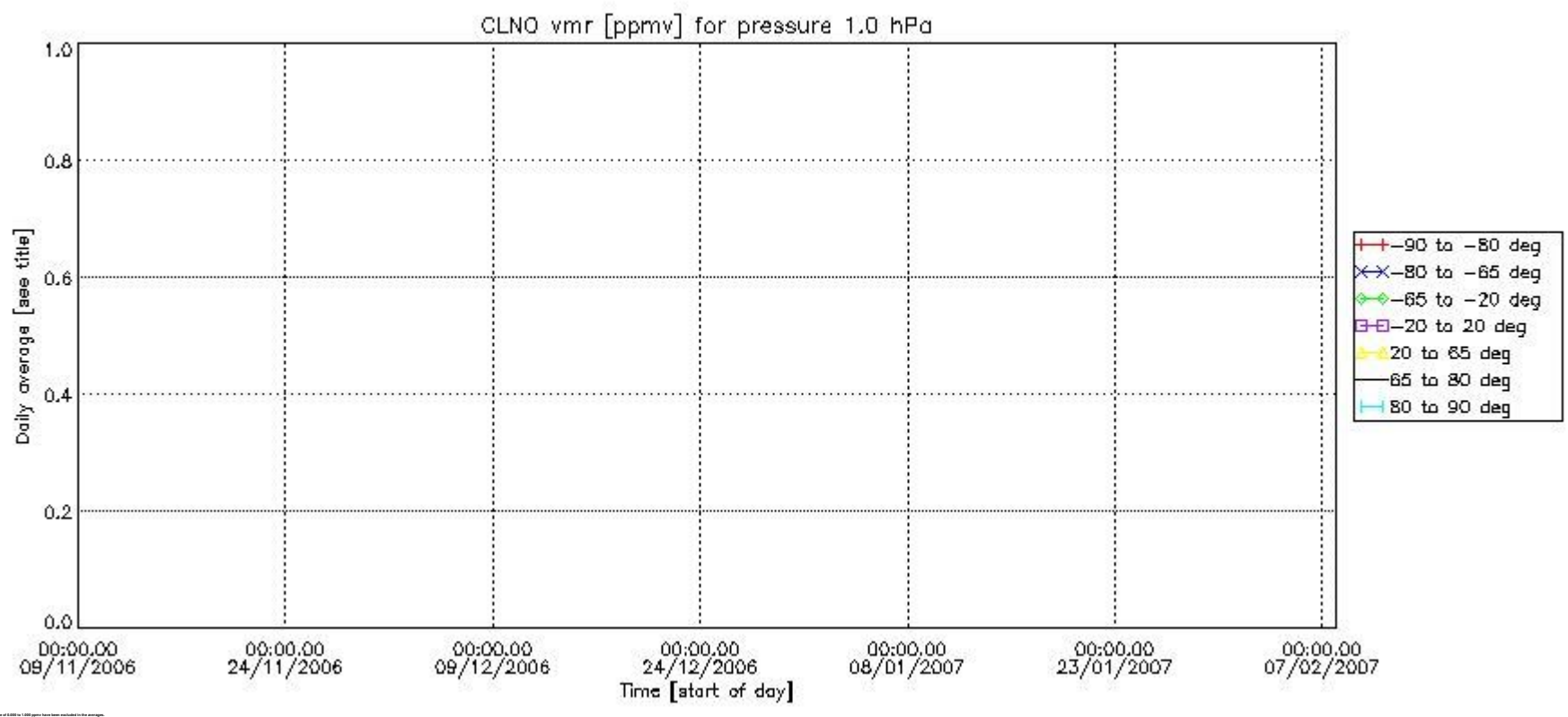
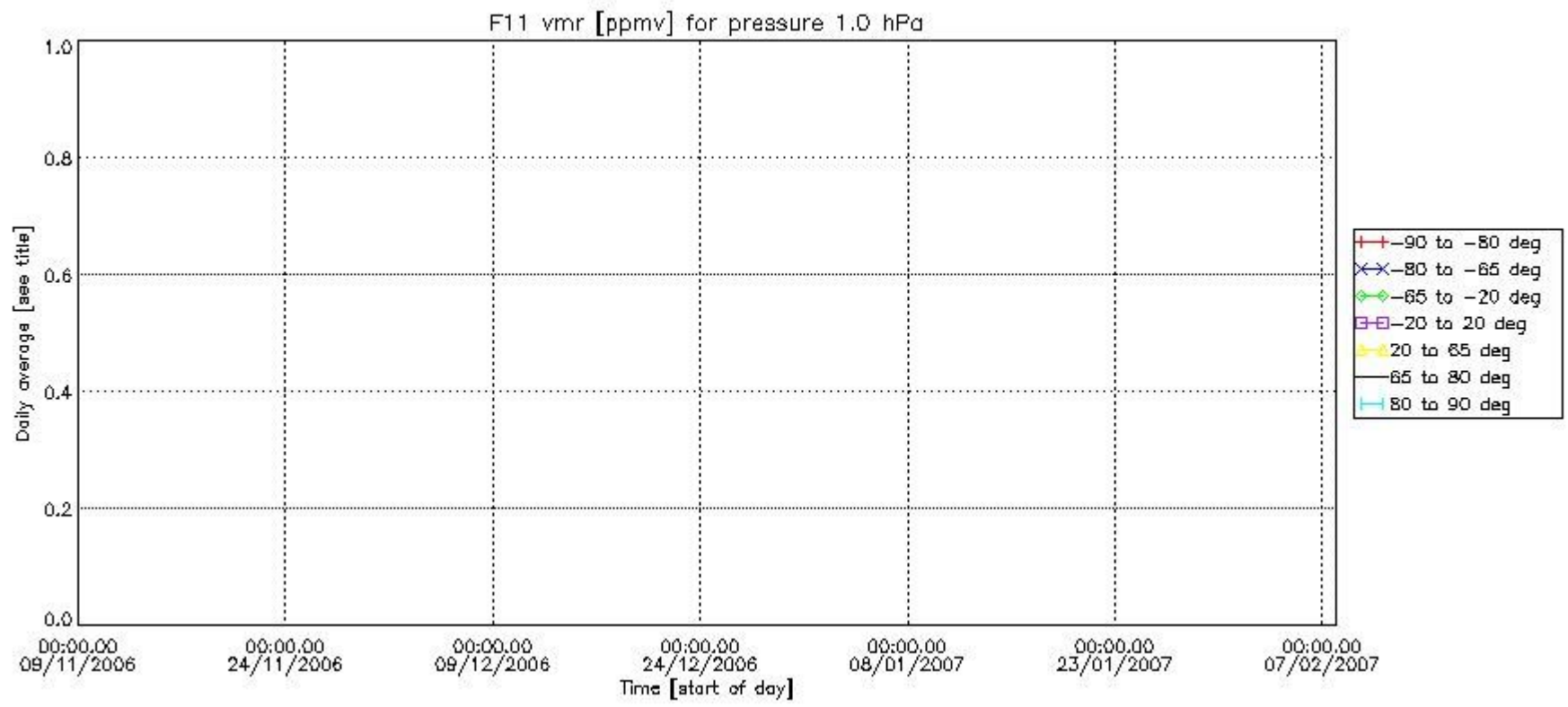


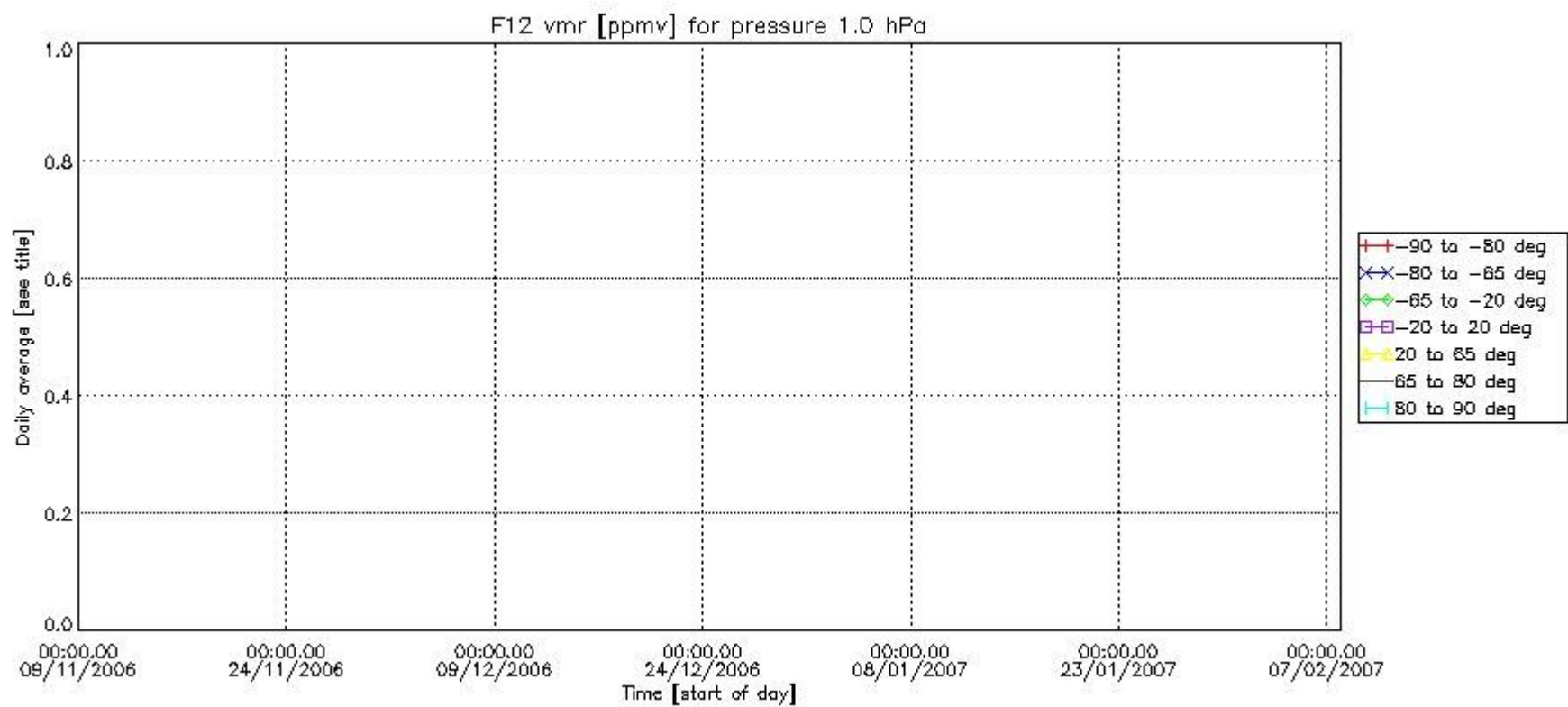
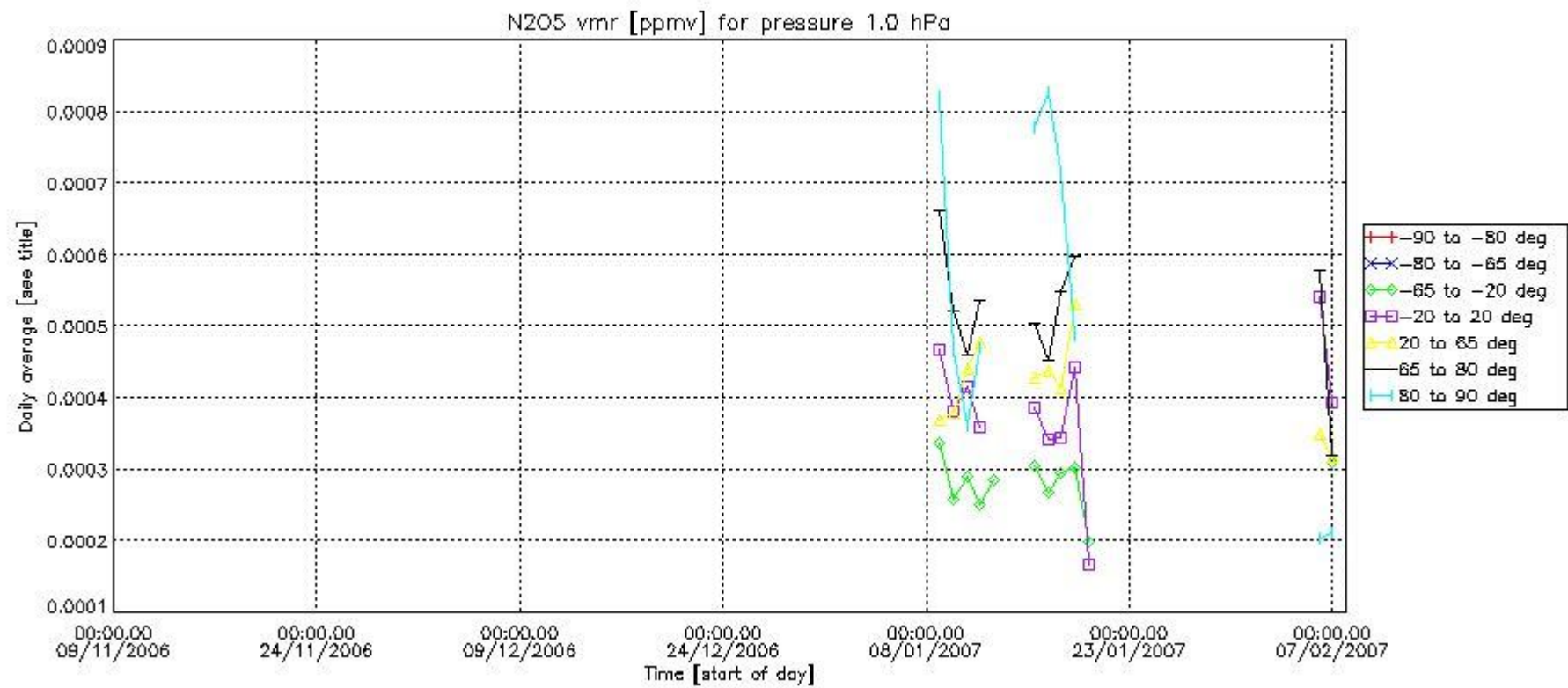


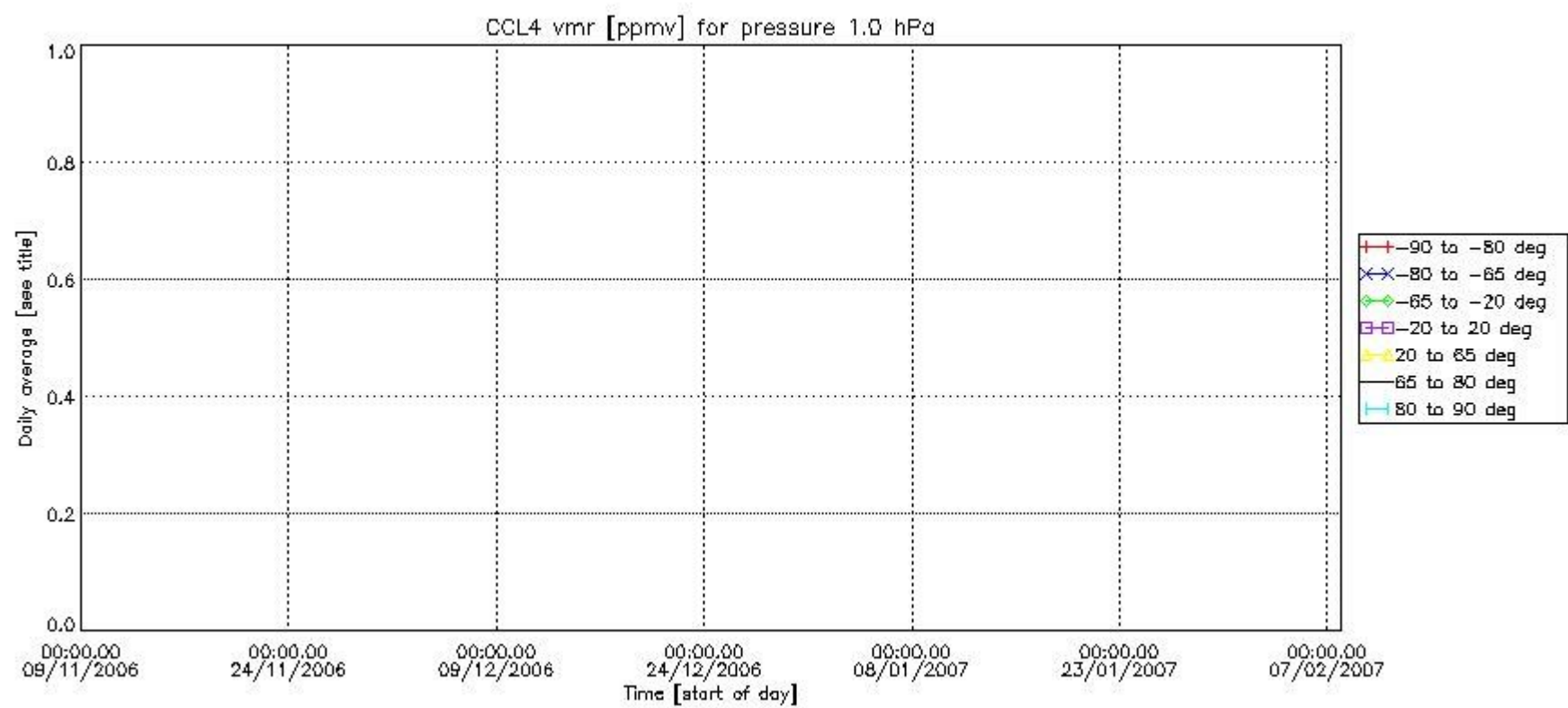
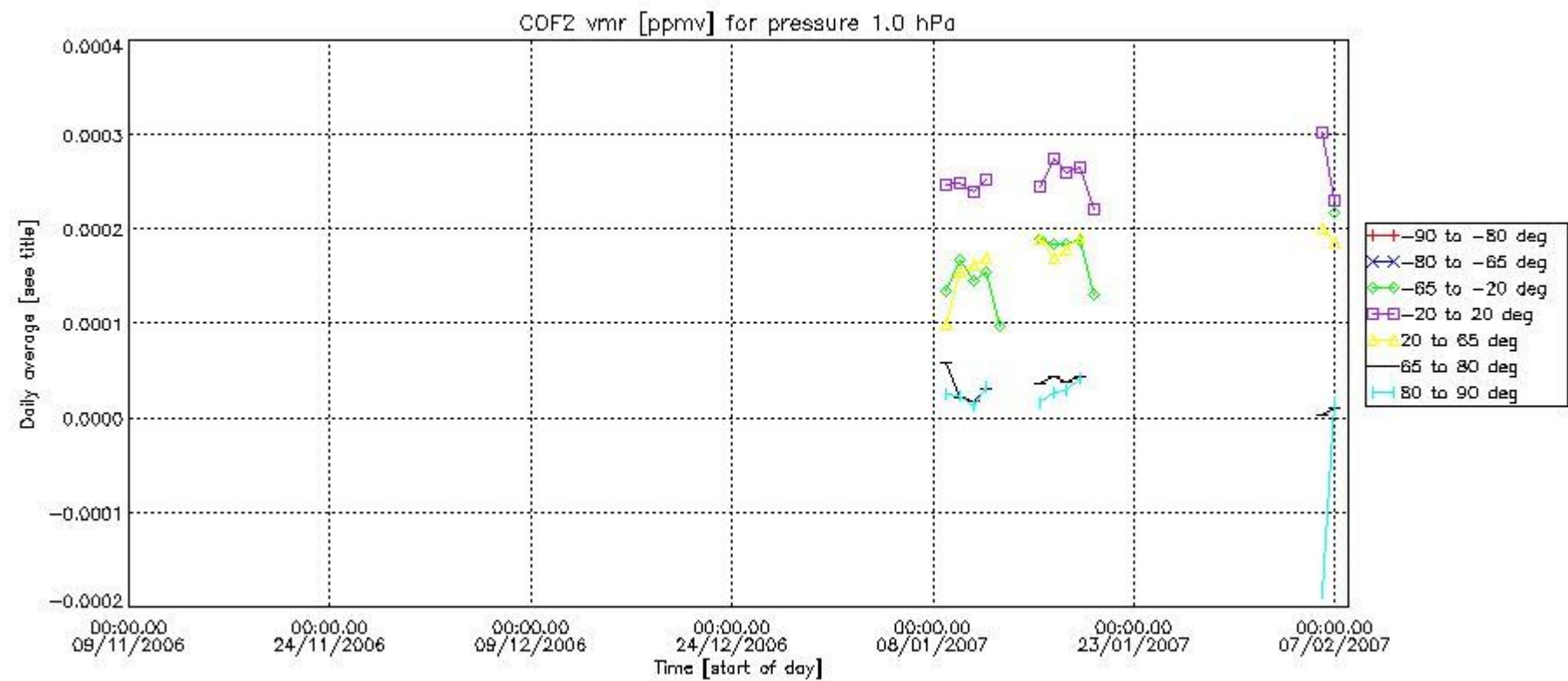


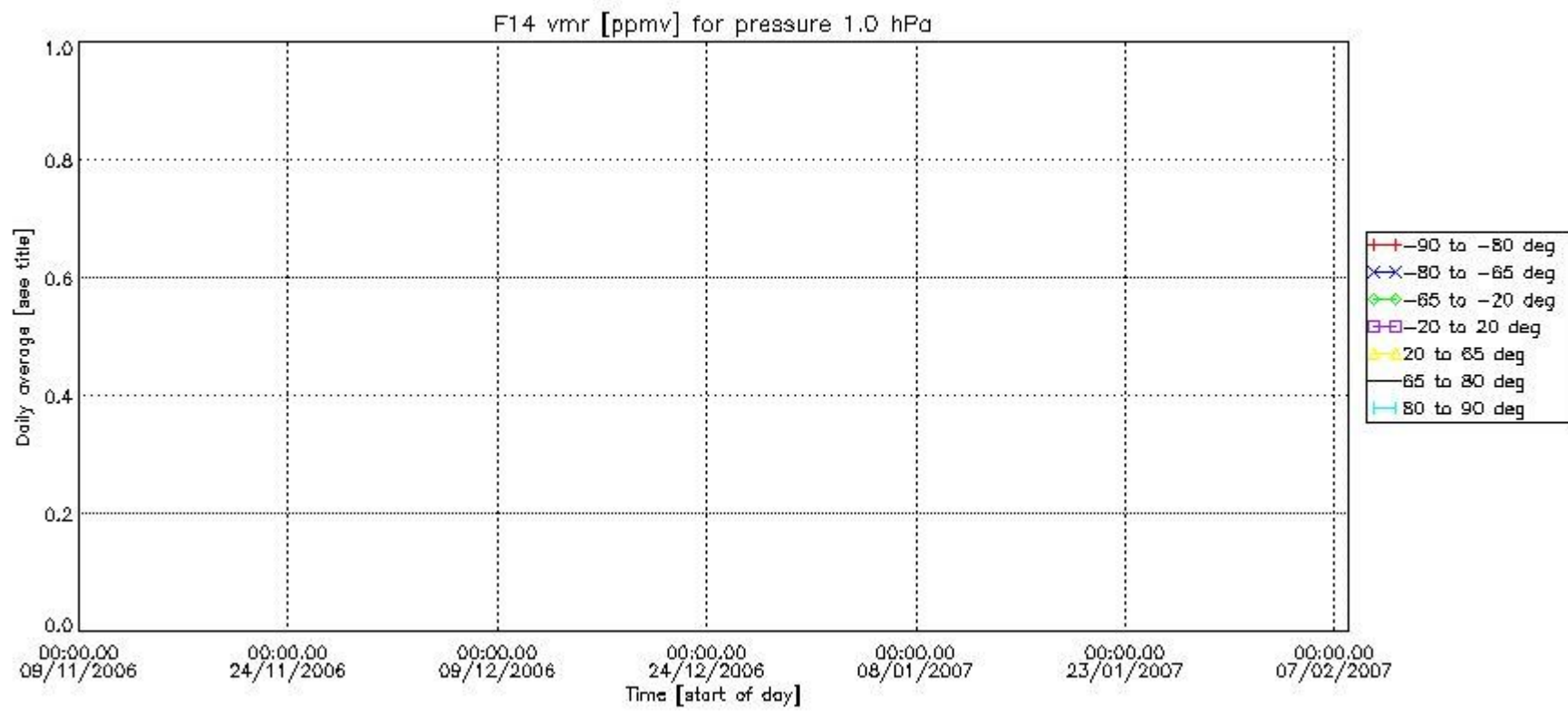
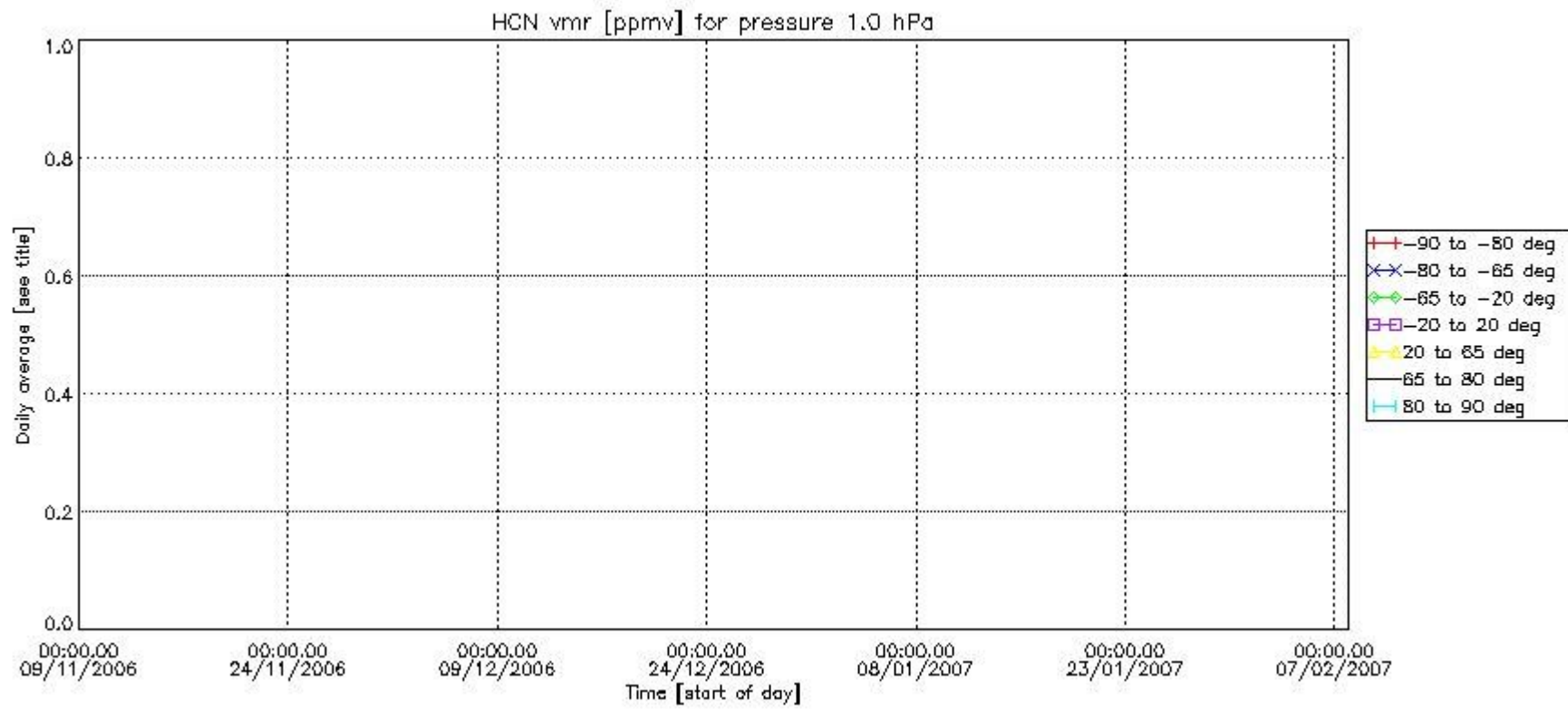


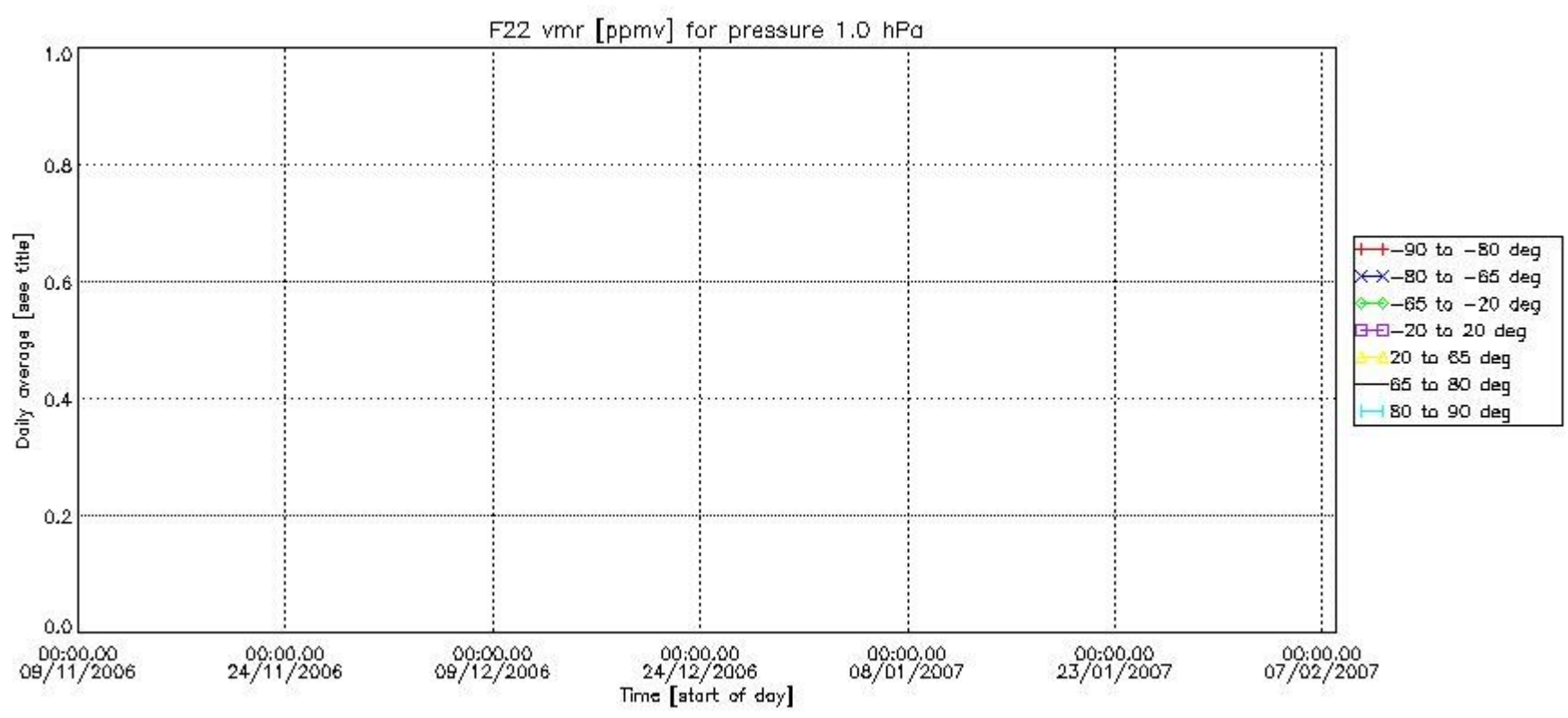












Number of successful retrievals vs. geolocation (*=day side , triangle=night side).

