

2. MIPAS Daily Report for level 2 products summary report

(See [mipas_daily_report_level2_ML2PP_7_03_W_20060606.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 16:56:30
Data source version	ML2PP/7.03-W
Processing scope for products	06JUN2006 00:00:00 to 07JUN2006 00:00:00
Start time of first product within scope	05JUN2006 23:00:41
Stop time of last product within scope	07JUN2006 00:09:34
Total number of level 2 products	15
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.

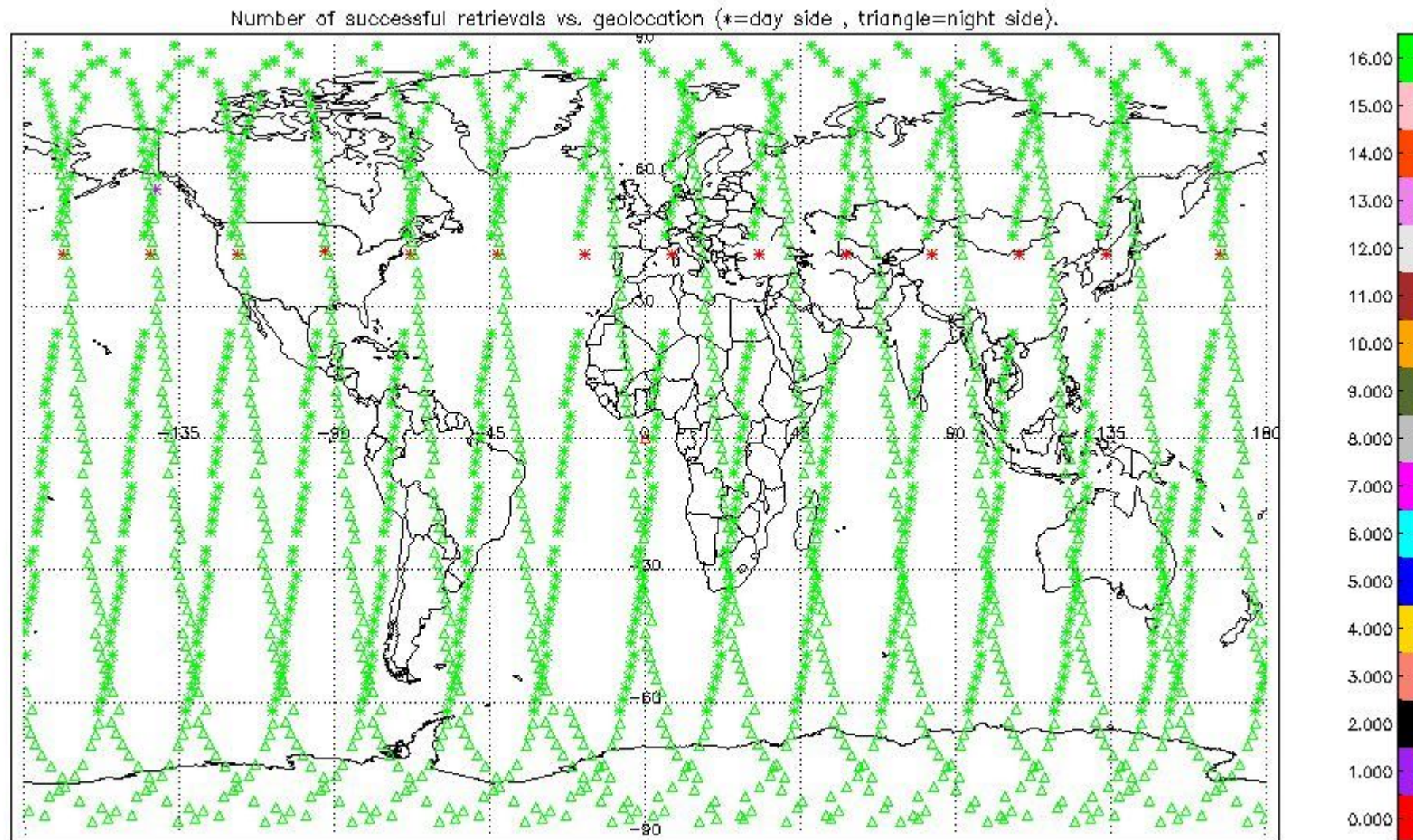
#	Product name	Start time	Stop time	Prod err	Number of scans (tot/proc)	Quality summary warnings
0	MIP_NL__2PWDSI20060605_230041_000060302048_00202_22300_1000.N1	05JUN2006 23:00:41	06JUN2006 00:41:11	0	128/128	VMR_TERM_MACRO_MICRO[CH4/macro:1; F14/macro:1; HCN/micro:2]
1	MIP_NL__2PWDSI20060606_004117_000060302048_00203_22301_1000.N1	06JUN2006 00:41:17	06JUN2006 02:21:47	0	128/128	VMR_TERM_MACRO_MICRO[HCN/macro:1]
2	MIP_NL__2PWDSI20060606_022153_000060302048_00204_22302_1000.N1	06JUN2006 02:21:53	06JUN2006 04:02:23	0	128/128	VMR_TERM_MACRO_MICRO[HCN/micro:1]
3	MIP_NL__2PWDSI20060606_040229_000060302048_00205_22303_1000.N1	06JUN2006 04:02:29	06JUN2006 05:42:59	0	128/128	VMR_TERM_MACRO_MICRO[F14/macro:2; F14/micro:1]
4	MIP_NL__2PWDSI20060606_054305_000060302048_00206_22304_1000.N1	06JUN2006 05:43:05	06JUN2006 07:23:35	0	128/128	VMR_TERM_MACRO_MICRO[F14/macro:1]
5	MIP_NL__2PWDSI20060606_072341_000060302048_00207_22305_1000.N1	06JUN2006 07:23:41	06JUN2006 09:04:10	0	128/128	VMR_TERM_MACRO_MICRO[O3/micro:1; HCN/micro:1; F14/micro:2]
6	MIP_NL__2PWDSI20060606_090417_000060302048_00208_22306_1000.N1	06JUN2006 09:04:17	06JUN2006 10:44:46	0	128/128	VMR_TERM_MACRO_MICRO[F14/macro:1; O3/micro:1; HCN/micro:1; F14/micro:1]
7	MIP_NL__2PWDSI20060606_104453_000060302048_00209_22307_1000.N1	06JUN2006 10:44:53	06JUN2006 12:25:22	0	128/128	VMR_TERM_MACRO_MICRO[HCN/macro:1; F14/macro:2; HCN/micro:3]
8	MIP_NL__2PWDSI20060606_122529_000060302048_00210_22308_1000.N1	06JUN2006 12:25:29	06JUN2006 14:05:58	0	128/128	VMR_TERM_MACRO_MICRO[F14/macro:1; HCN/micro:2]
9	MIP_NL__2PWDSI20060606_140604_000060302048_00211_22309_1000.N1	06JUN2006 14:06:04	06JUN2006 15:46:34	0	128/128	
10	MIP_NL__2PWDSI20060606_154640_000060302048_00212_22310_1000.N1	06JUN2006 15:46:40	06JUN2006 17:27:10	0	109/109	VMR_TERM_MACRO_MICRO[HCN/micro:2]
11	MIP_NL__2PWDSI20060606_172716_000060302048_00213_22311_1000.N1	06JUN2006 17:27:16	06JUN2006 19:07:46	0	128/128	VMR_TERM_MACRO_MICRO[HCN/micro:3]
12	MIP_NL__2PWDSI20060606_190753_000060302048_00214_22312_1000.N1	06JUN2006 19:07:53	06JUN2006 20:48:22	0	128/128	P_T_TERM_MACRO_MICRO[macro:1]
13	MIP_NL__2PWDSI20060606_204828_000060302048_00215_22313_1000.N1	06JUN2006 20:48:28	06JUN2006 22:28:58	0	128/128	VMR_TERM_MACRO_MICRO[F14/macro:1; HCN/micro:3]
14	MIP_NL__2PWDSI20060606_222904_000060302048_00216_22314_1000.N1	06JUN2006 22:29:04	07JUN2006 00:09:34	0	128/128	VMR_TERM_MACRO_MICRO[HCN/macro:1; HCN/micro:1; F14/micro:1]

2.2 Processing performance indicators

2.2.1 Successful retrievals

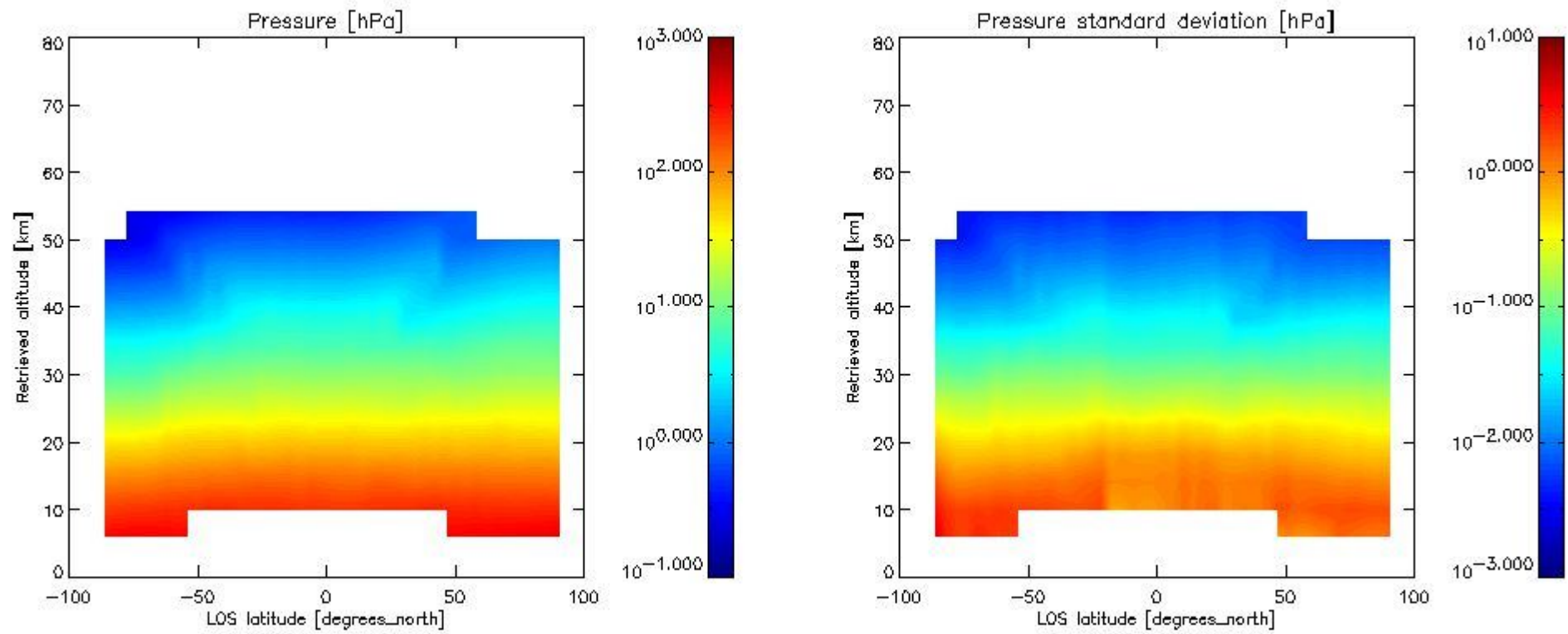
This section includes a table with statistics on the number of retrievals, as well as a worldmap plot that shows successful retrievals.

RETRIEVAL MDS	# scans processed	# Successful retrievals	%
PT	1901	1786	93.951
H2O	1901	1785	93.898
O3	1901	1785	93.898
HNO3	1901	1785	93.898
CH4	1901	1785	93.898
N2O	1901	1785	93.898
NO2	1901	1785	93.898
F11	1901	1785	93.898
CLNO	1901	1785	93.898
N2O5	1901	1785	93.898
F12	1901	1785	93.898
COF2	1901	1785	93.898
CCL4	1901	1785	93.898
HCN	1901	1785	93.898
F14	1901	1785	93.898
F22	1901	1785	93.898



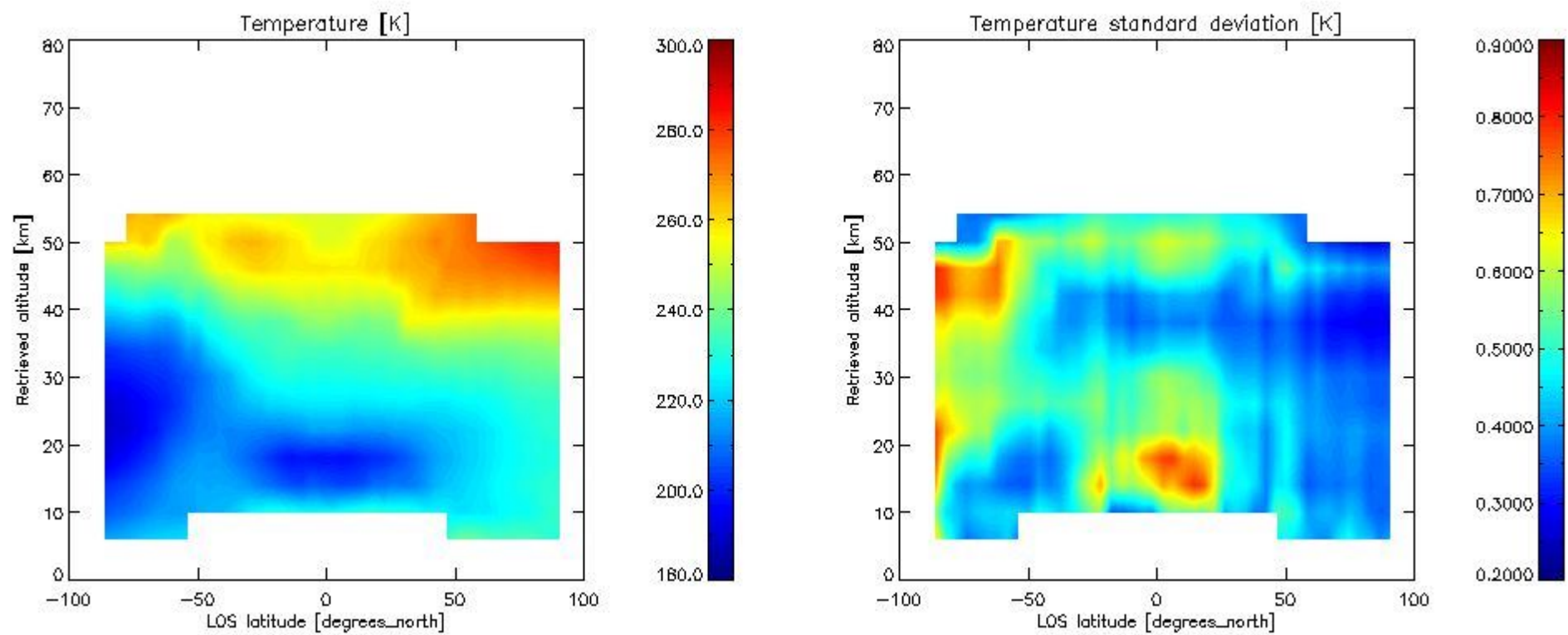
2.2.2 Pressure overview

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



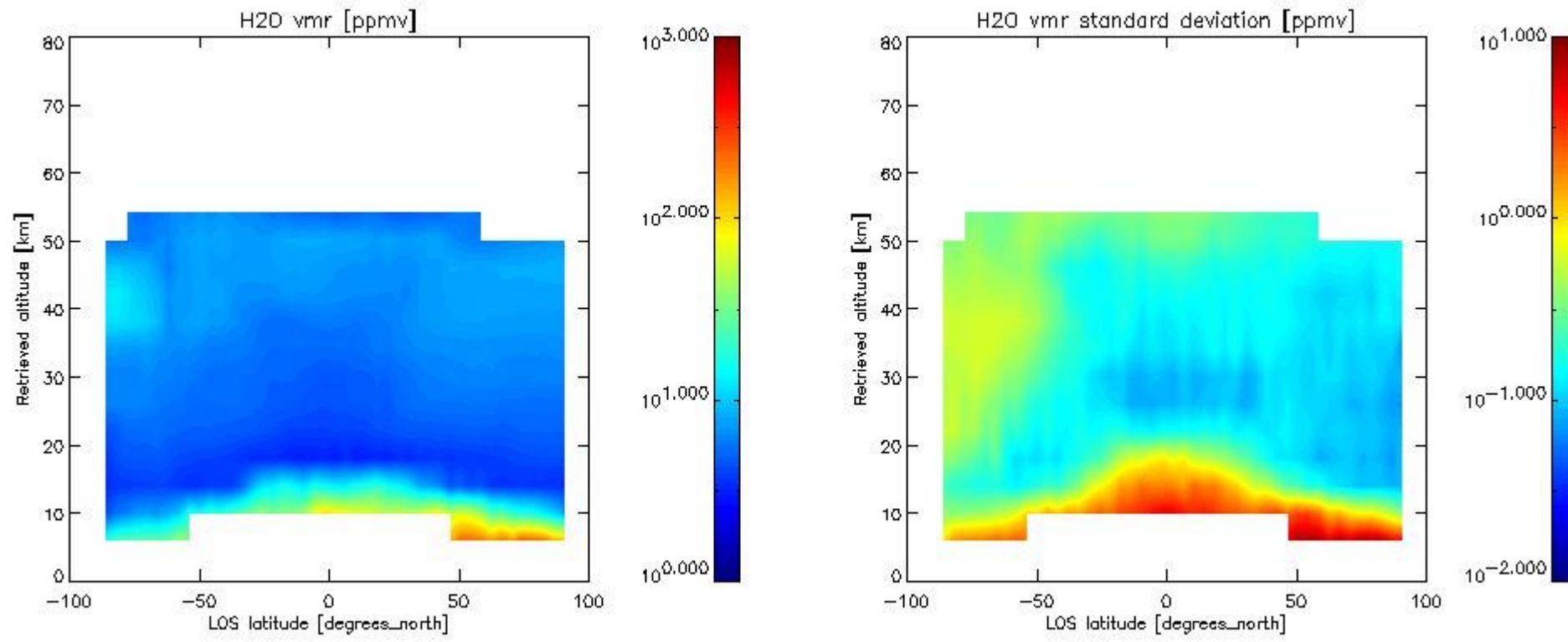
2.2.3 Temperature overview

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

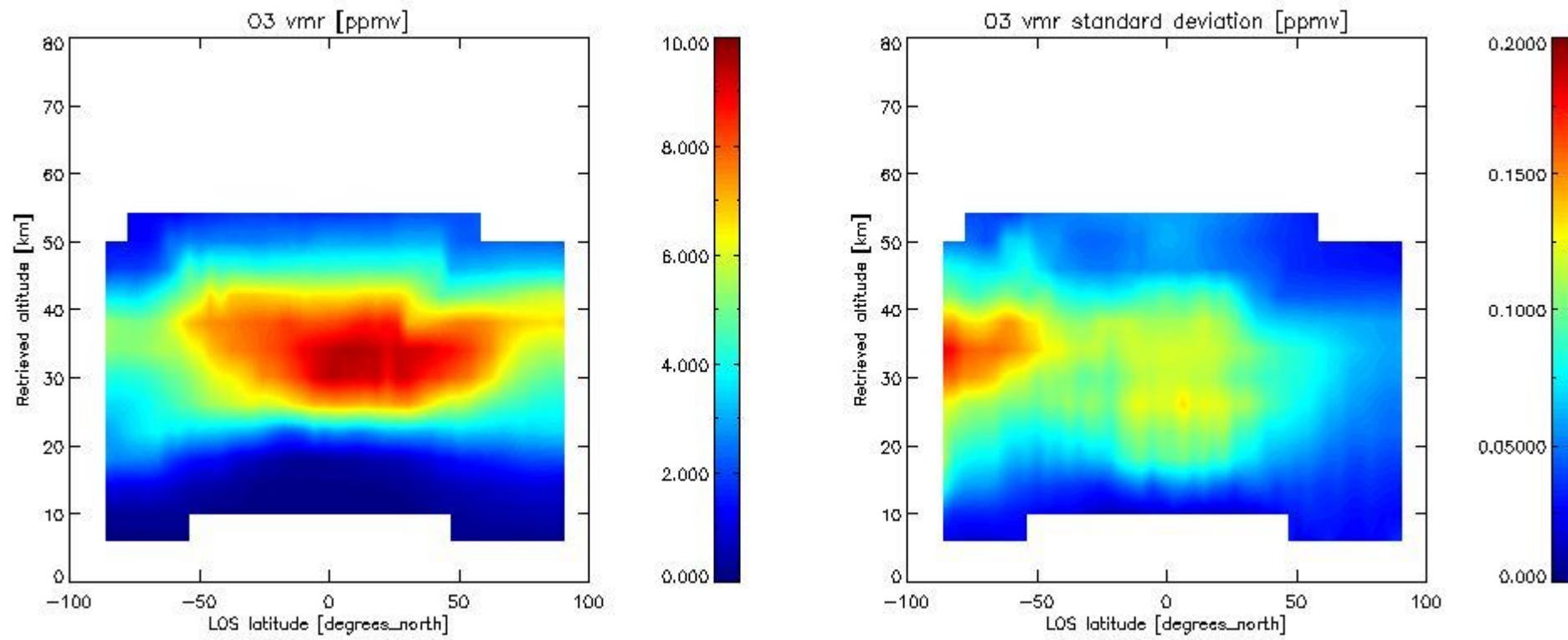


2.2.4 Species overview

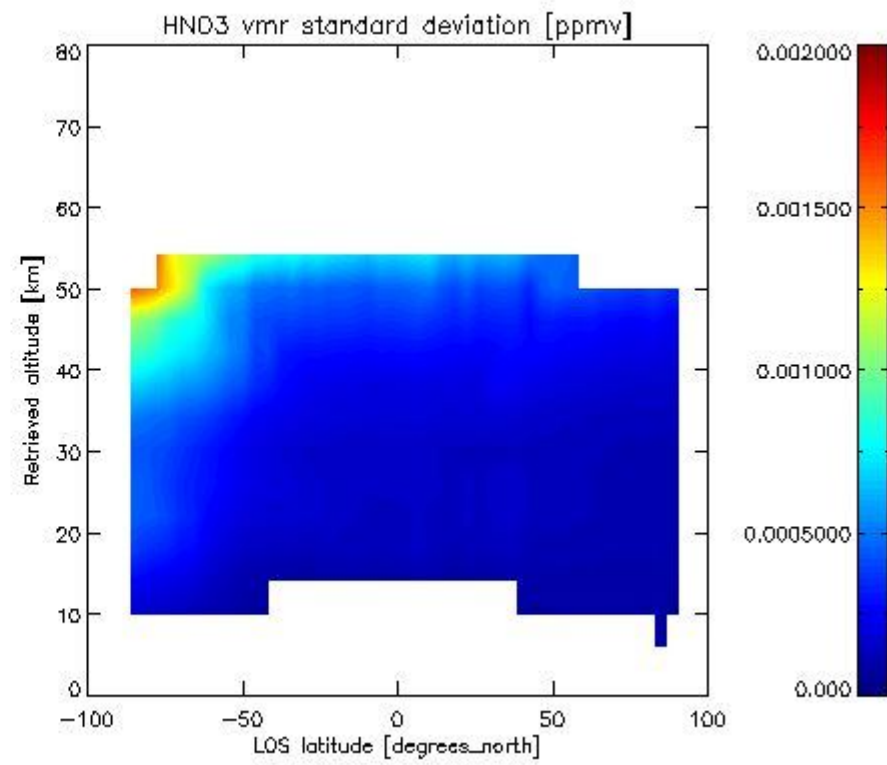
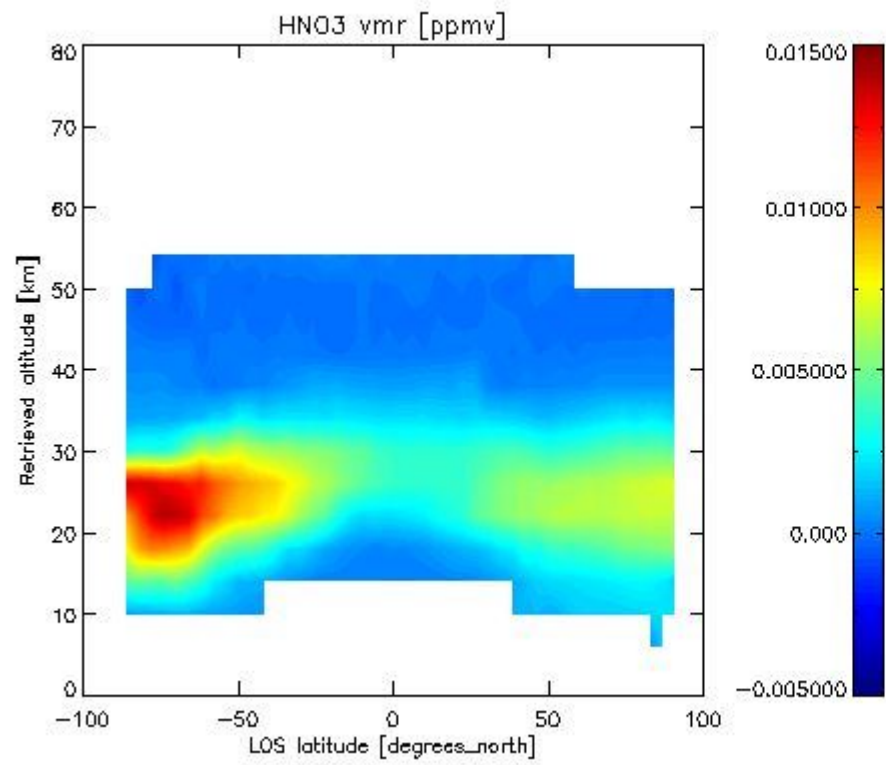
2.2.4.1 H2O overview This section shows values (left) and error (right) for H2O after binning individual sweep values over retrieved altitude and tangent latitude.



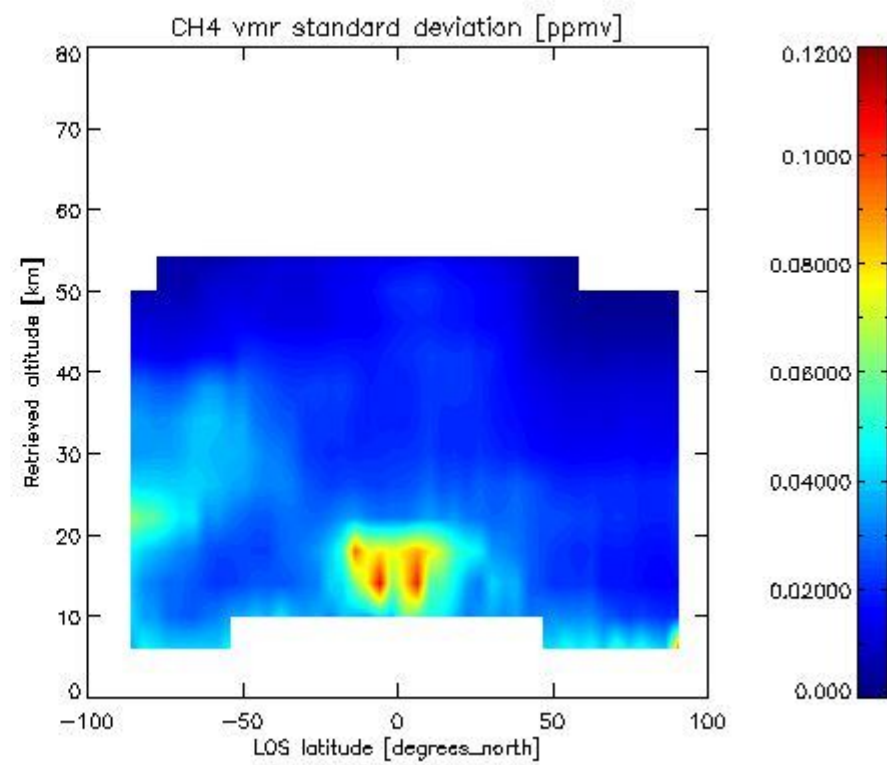
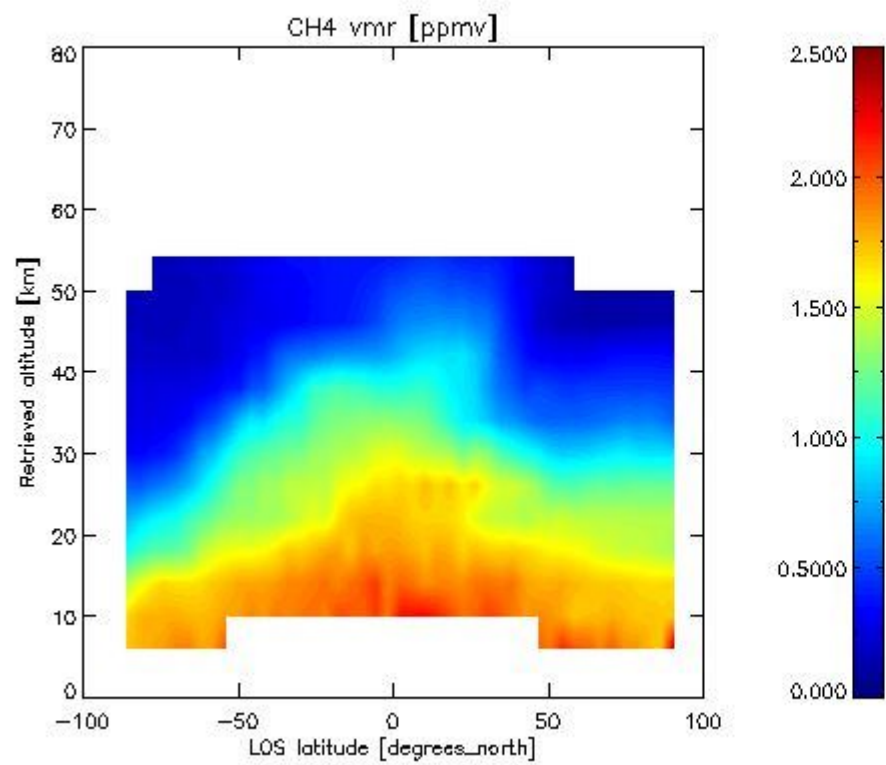
2.2.4.2 O3 overview This section shows values (left) and error (right) for O3 after binning individual sweep values over retrieved altitude and tangent latitude.



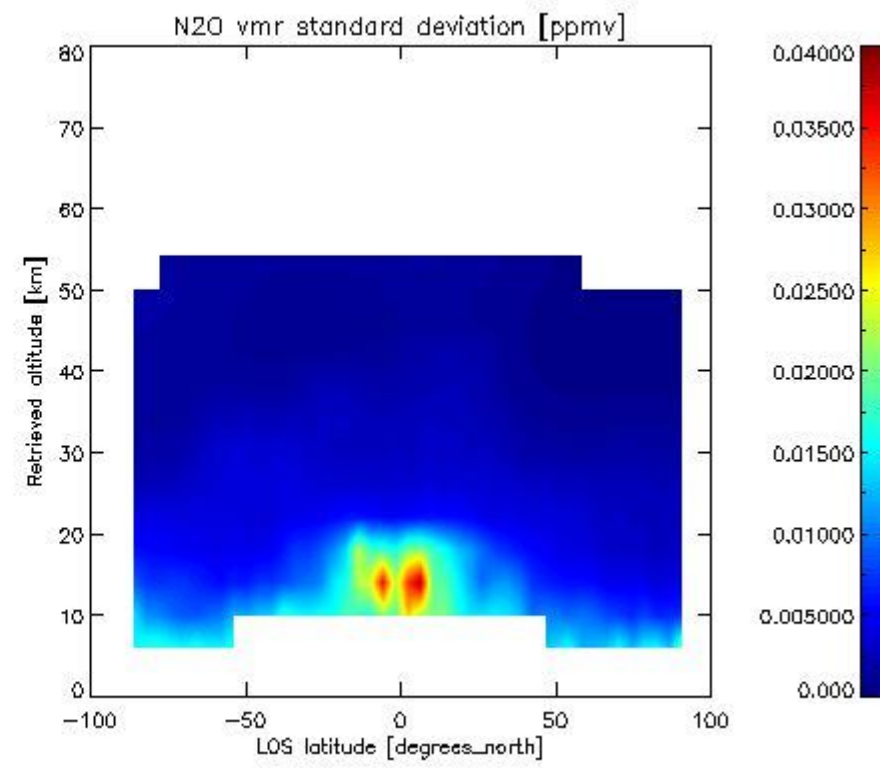
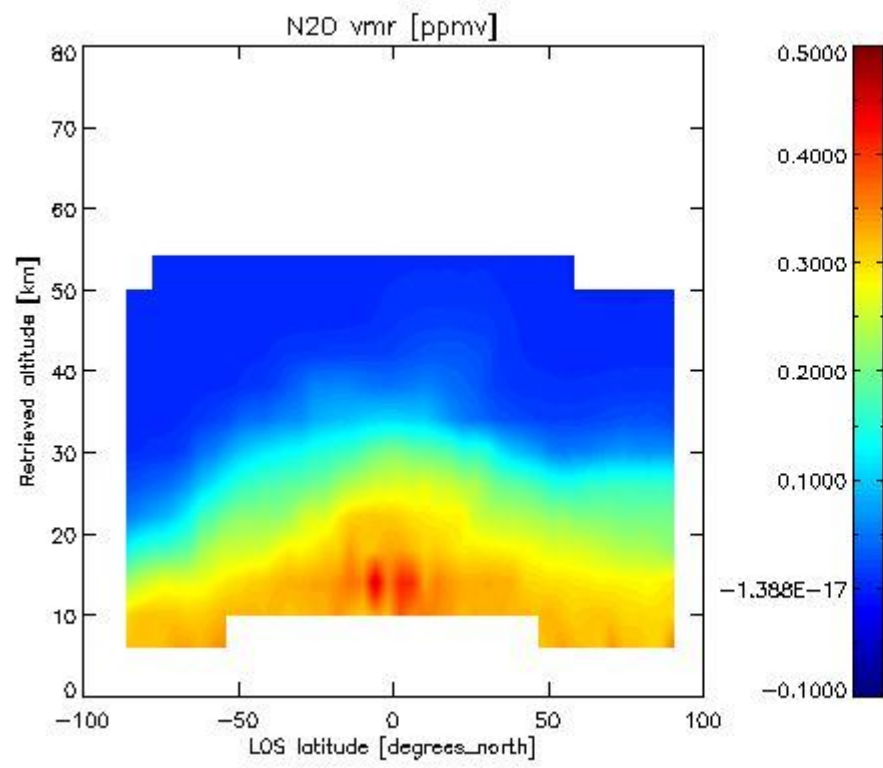
2.2.4.3 HNO3 overview This section shows values (left) and error (right) for HNO3 after binning individual sweep values over retrieved altitude and tangent latitude.



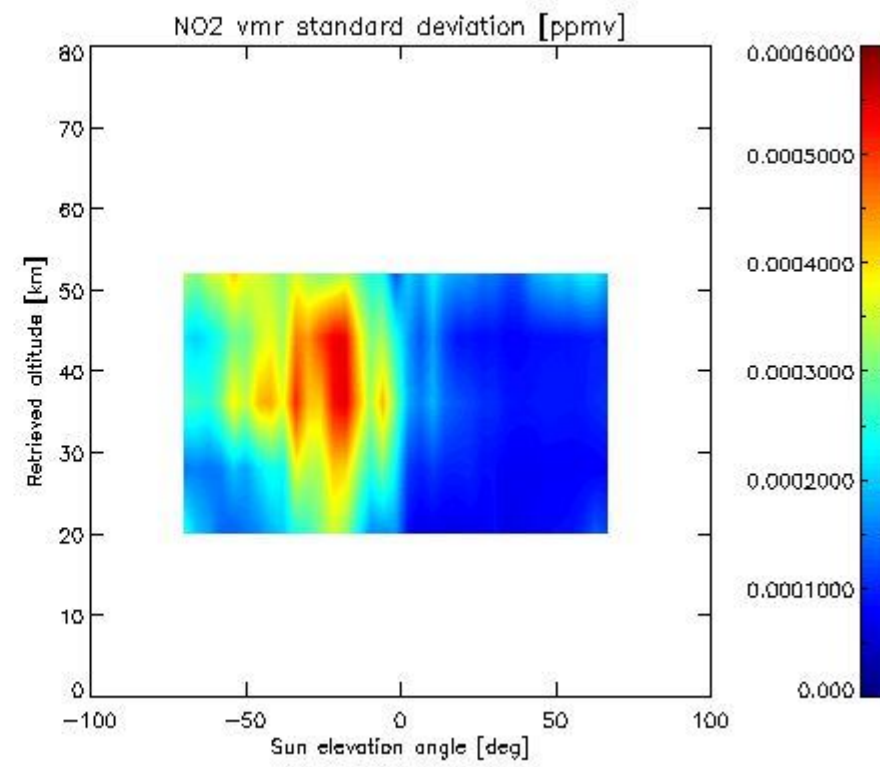
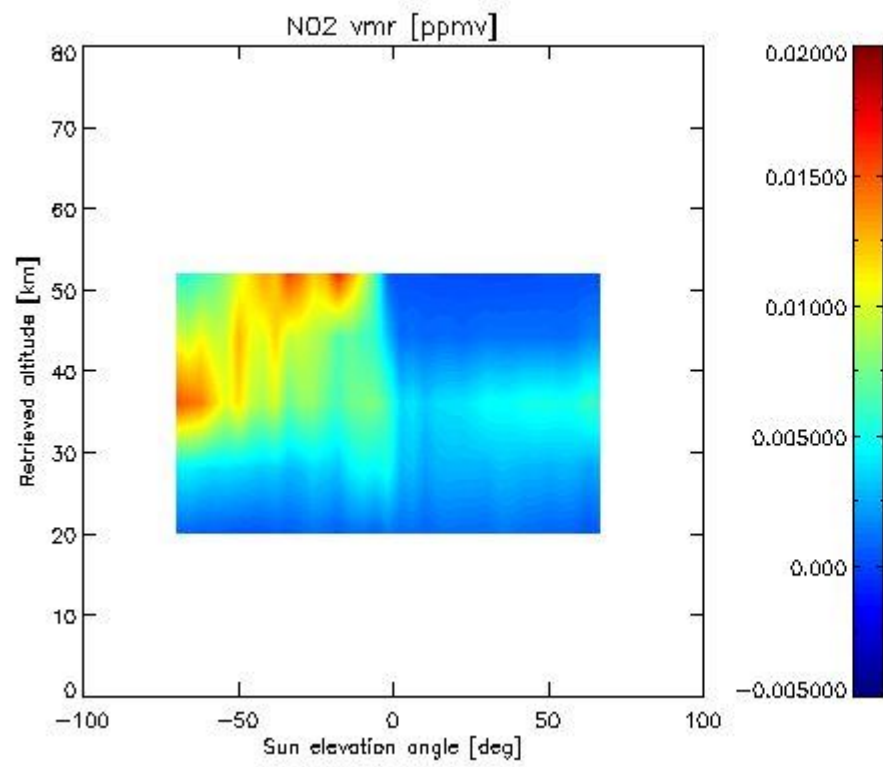
2.2.4.4 CH₄ overview This section shows values (left) and error (right) for CH₄ after binning individual sweep values over retrieved altitude and tangent latitude.



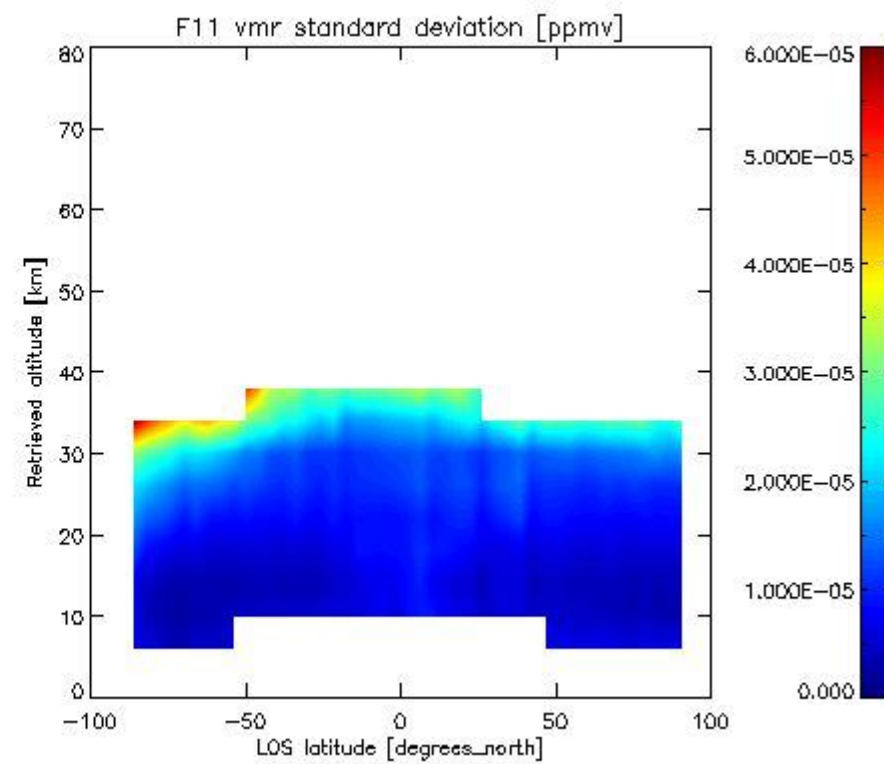
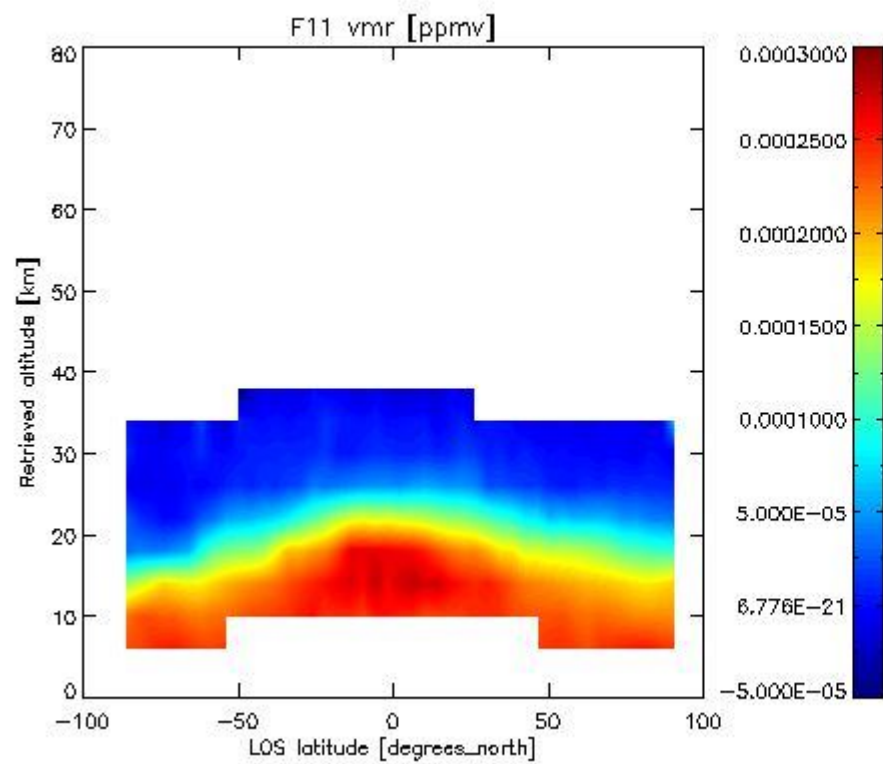
2.2.4.5 N₂O overview This section shows values (left) and error (right) for N₂O after binning individual sweep values over retrieved altitude and tangent latitude.



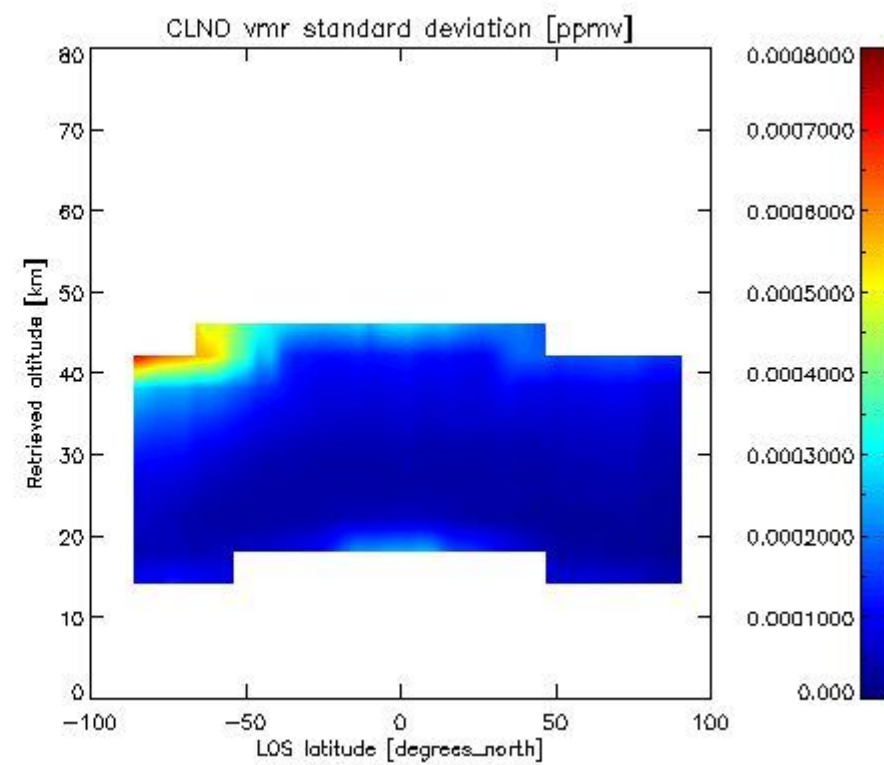
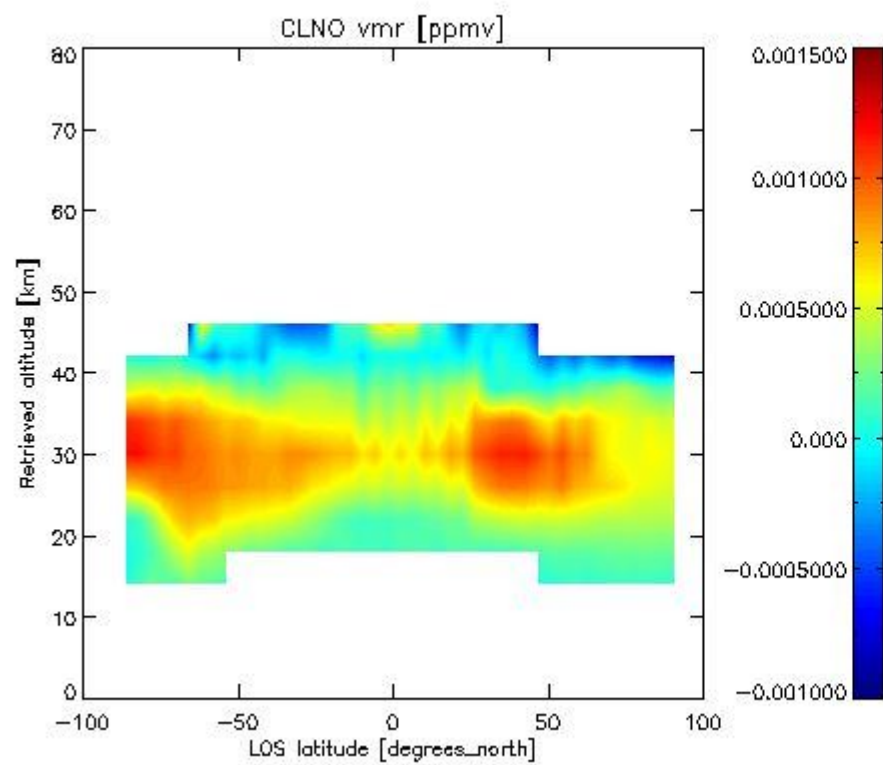
2.2.4.6 NO2 overview This section shows values (left) and error (right) for NO2 after binning individual sweep values over retrieved altitude and Sun Elevation Angle. Note that for NO2 the bin heights are 6 km.

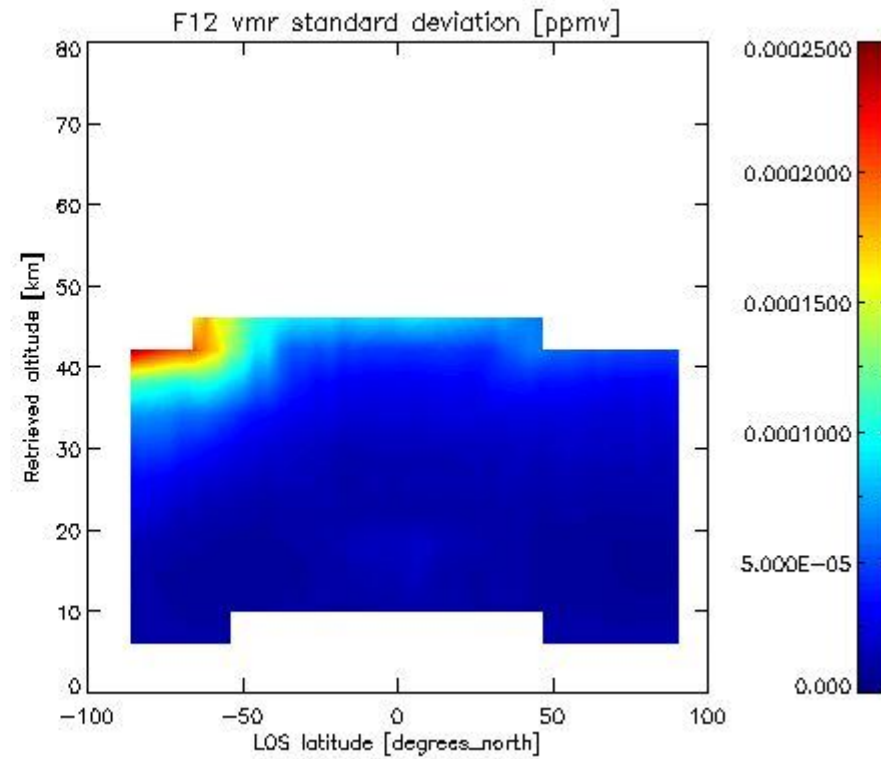
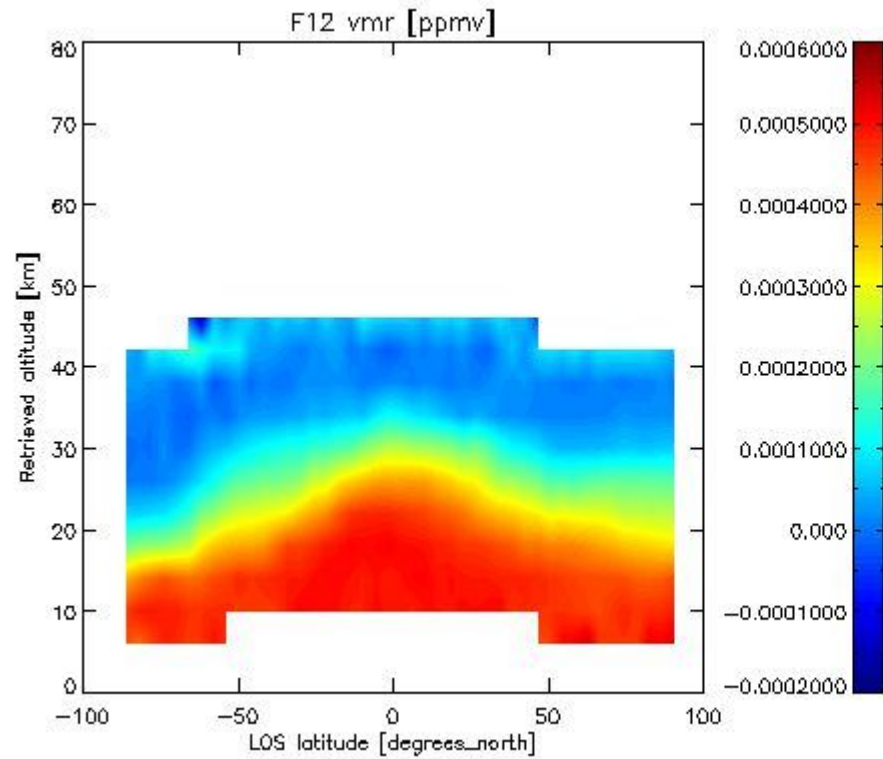
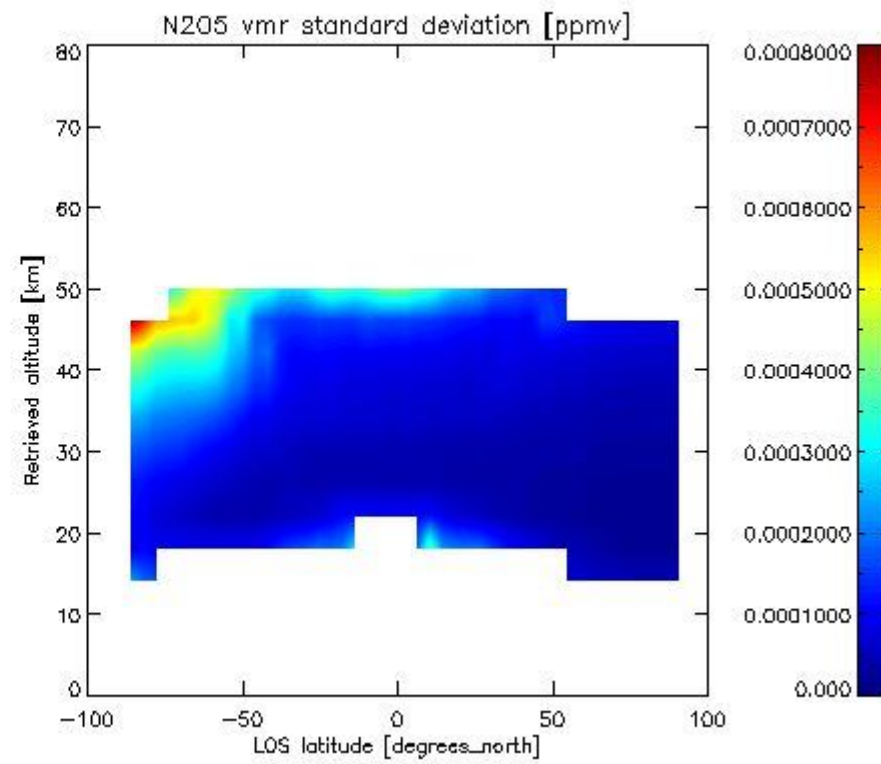
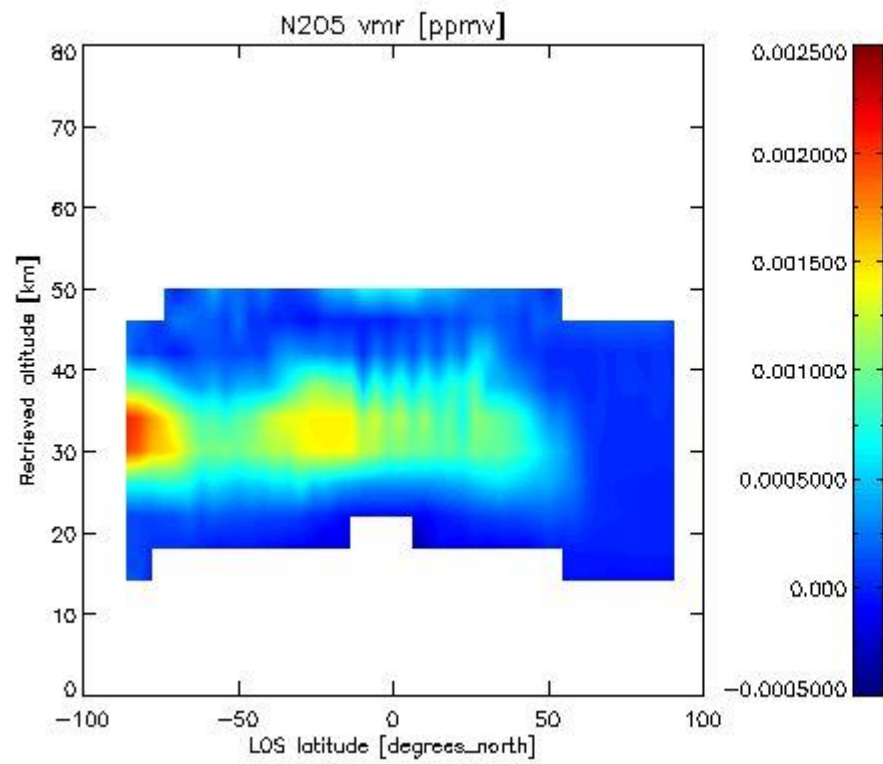


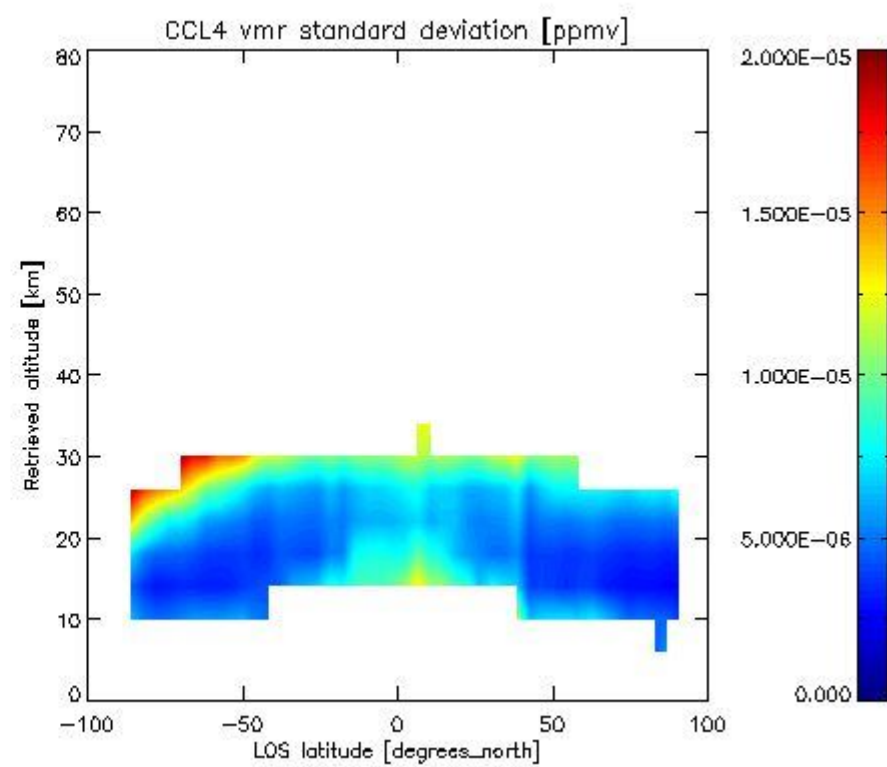
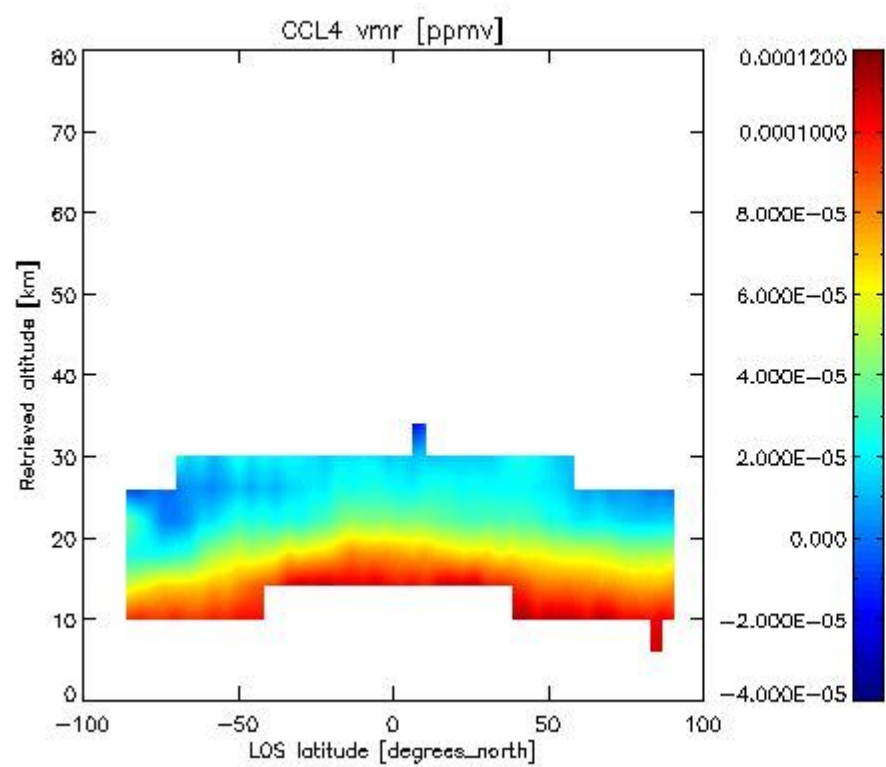
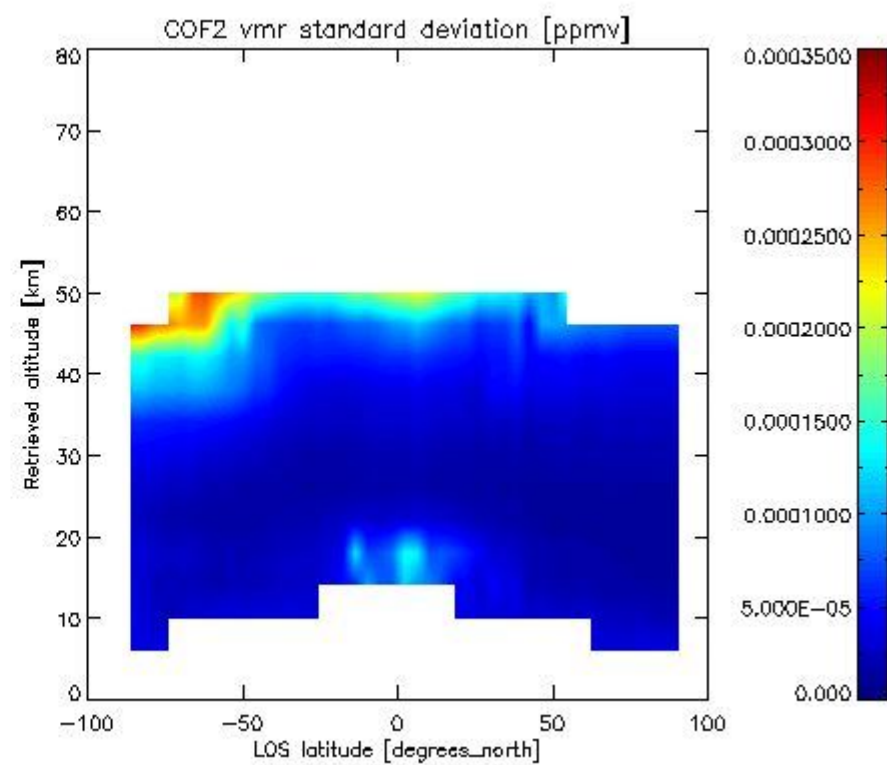
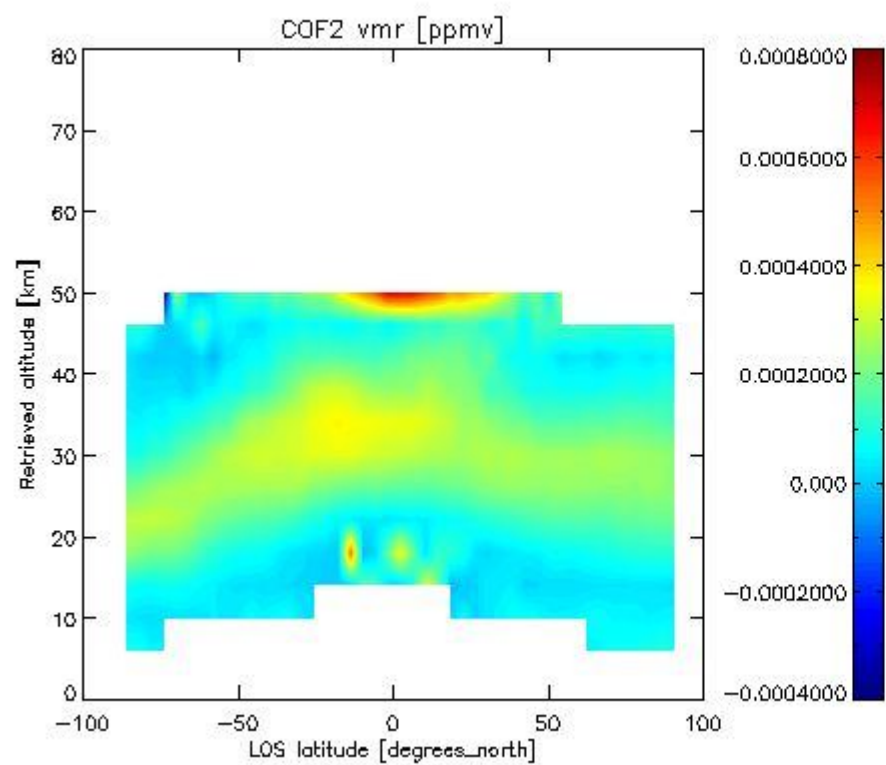
2.2.4.7 F11 overview This section shows values (left) and error (right) for F11 after binning individual sweep values over retrieved altitude and tangent latitude.

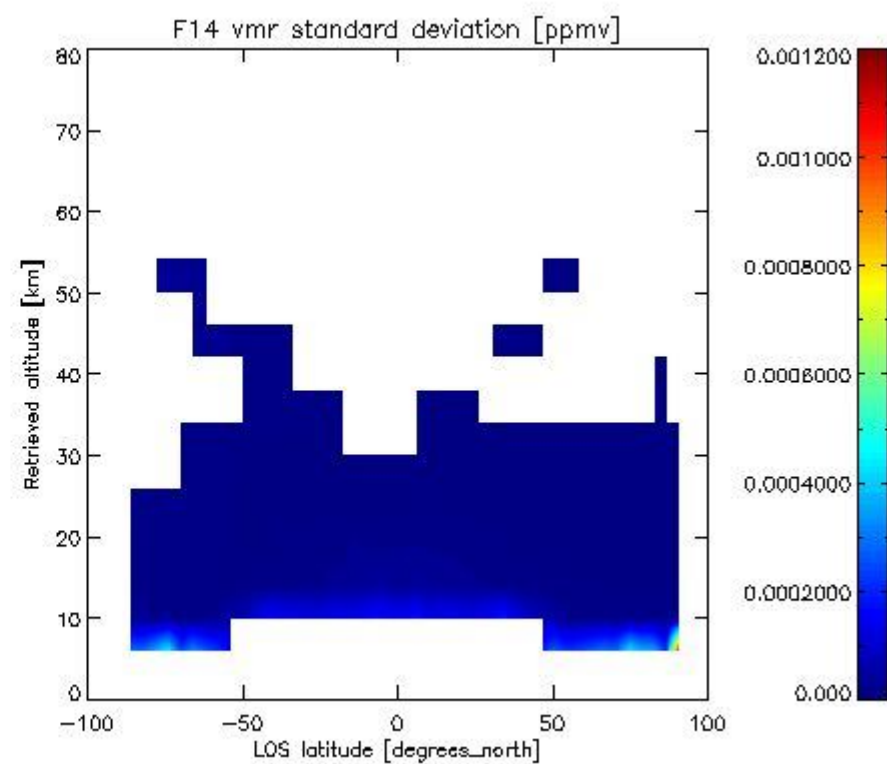
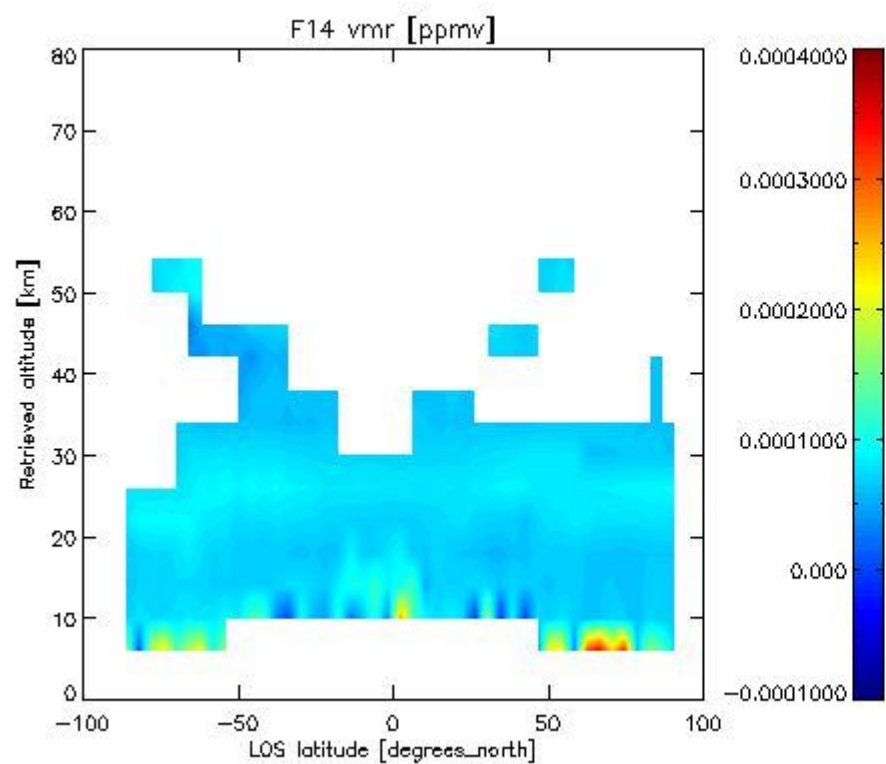
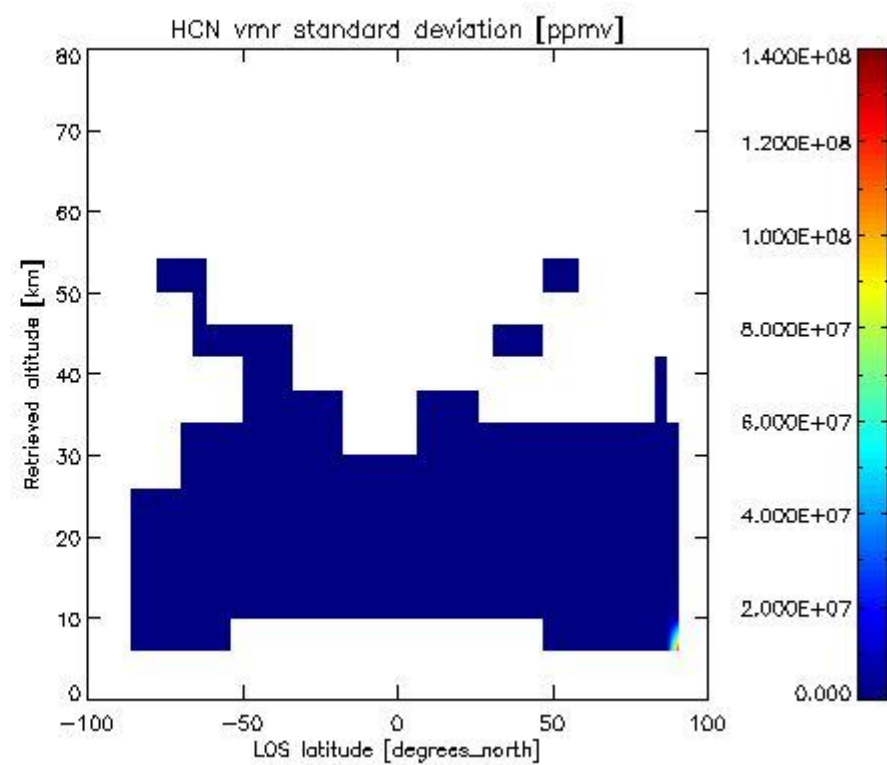
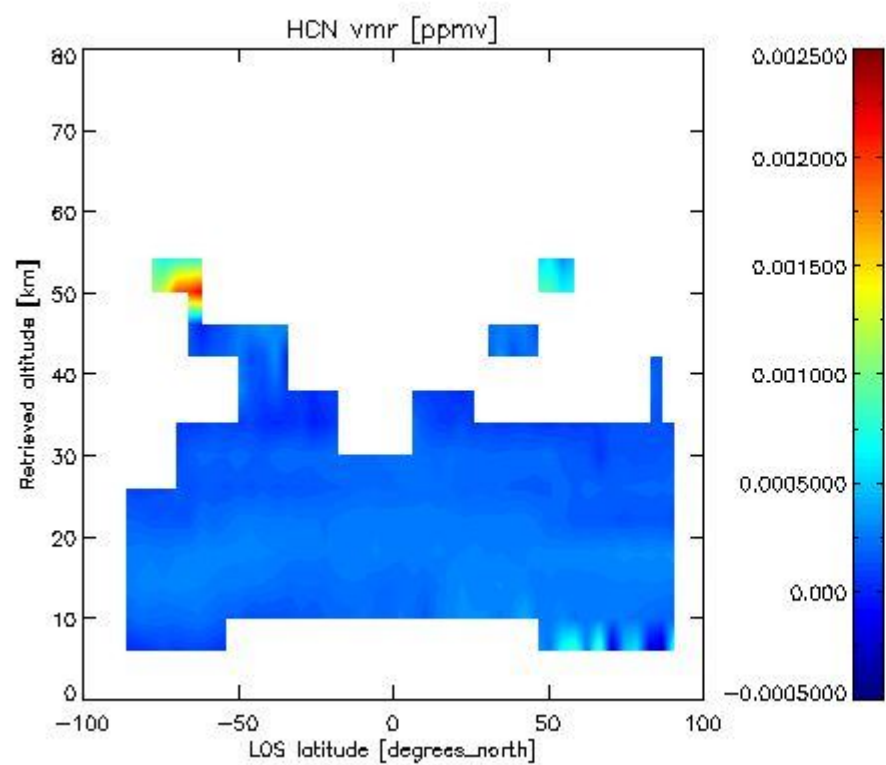


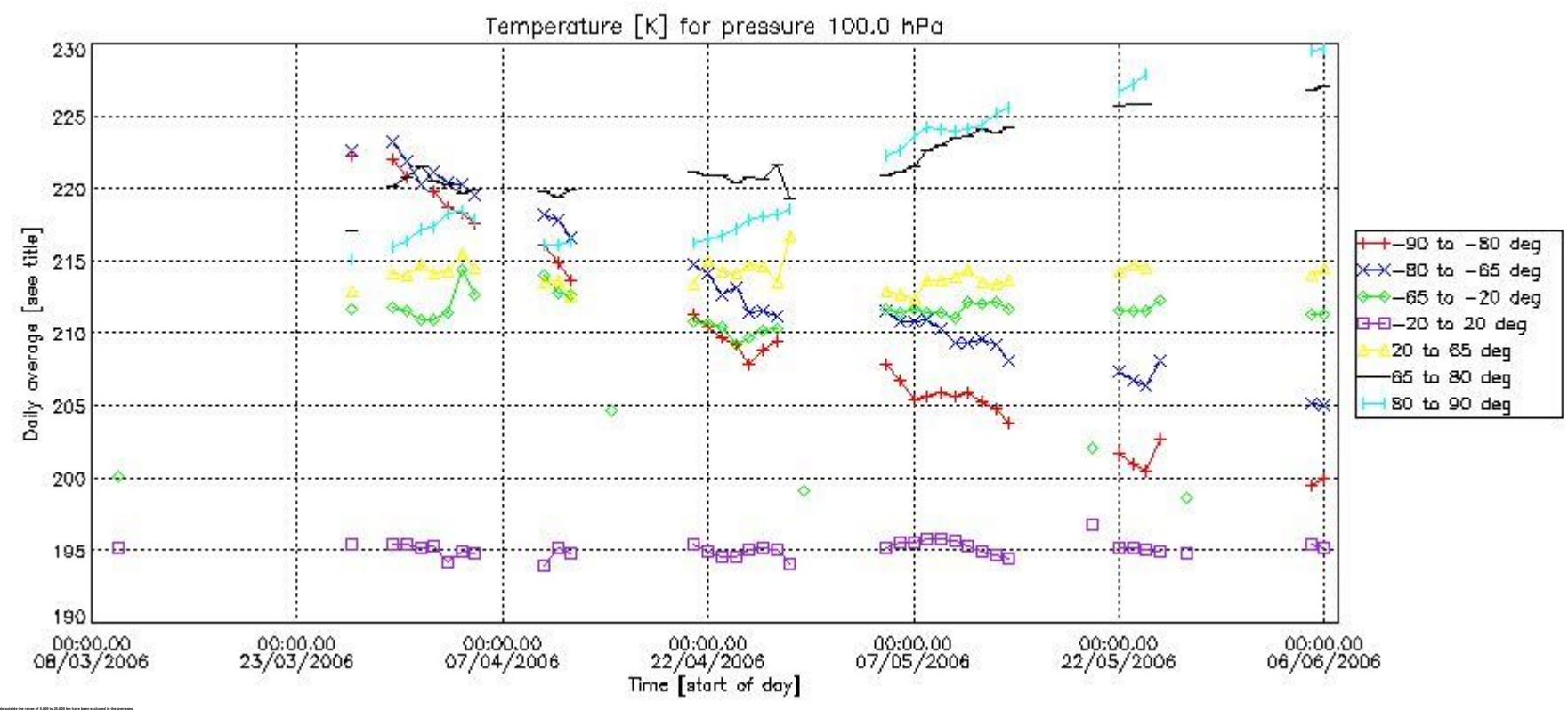
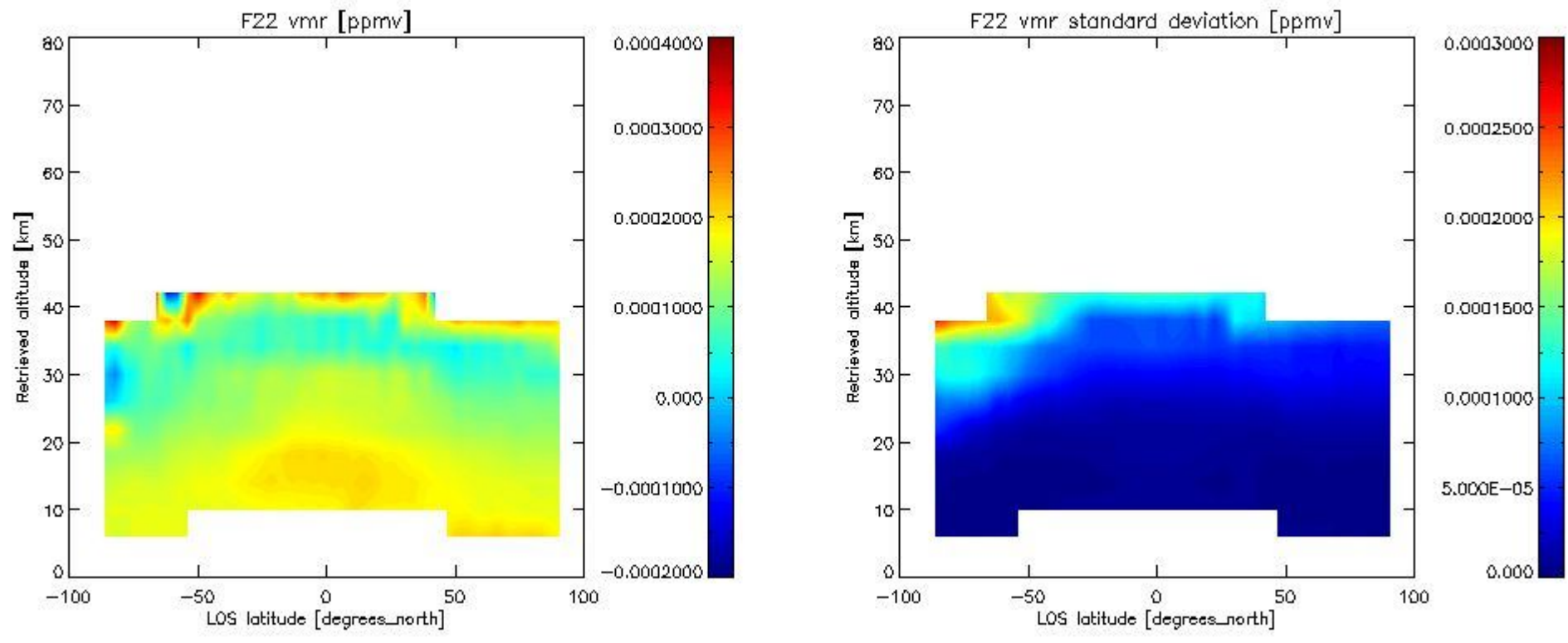
2.2.4.4 CLNO vmr: This section shows values (left) and error (right) for CLNO after binning individual vmr values over retrieved altitude and target latitude.

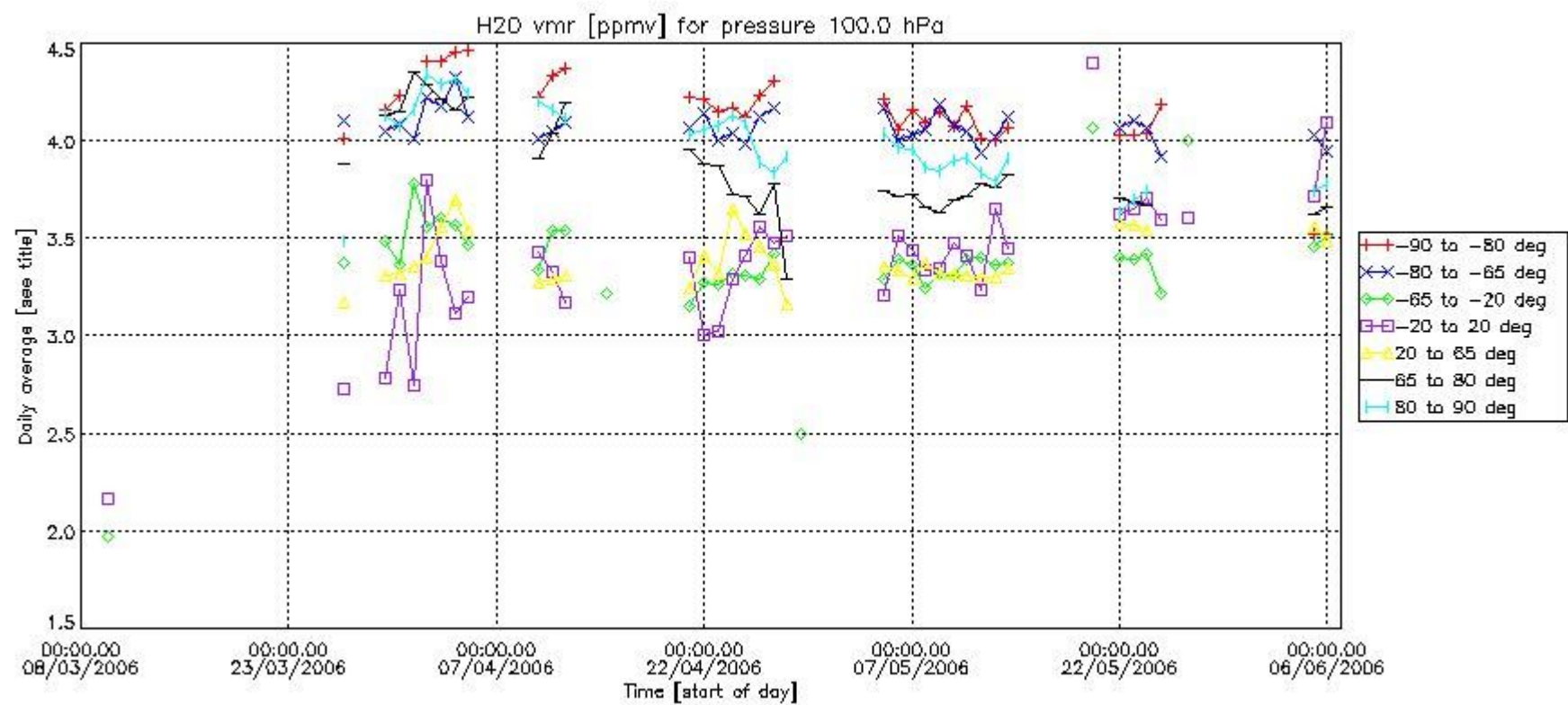
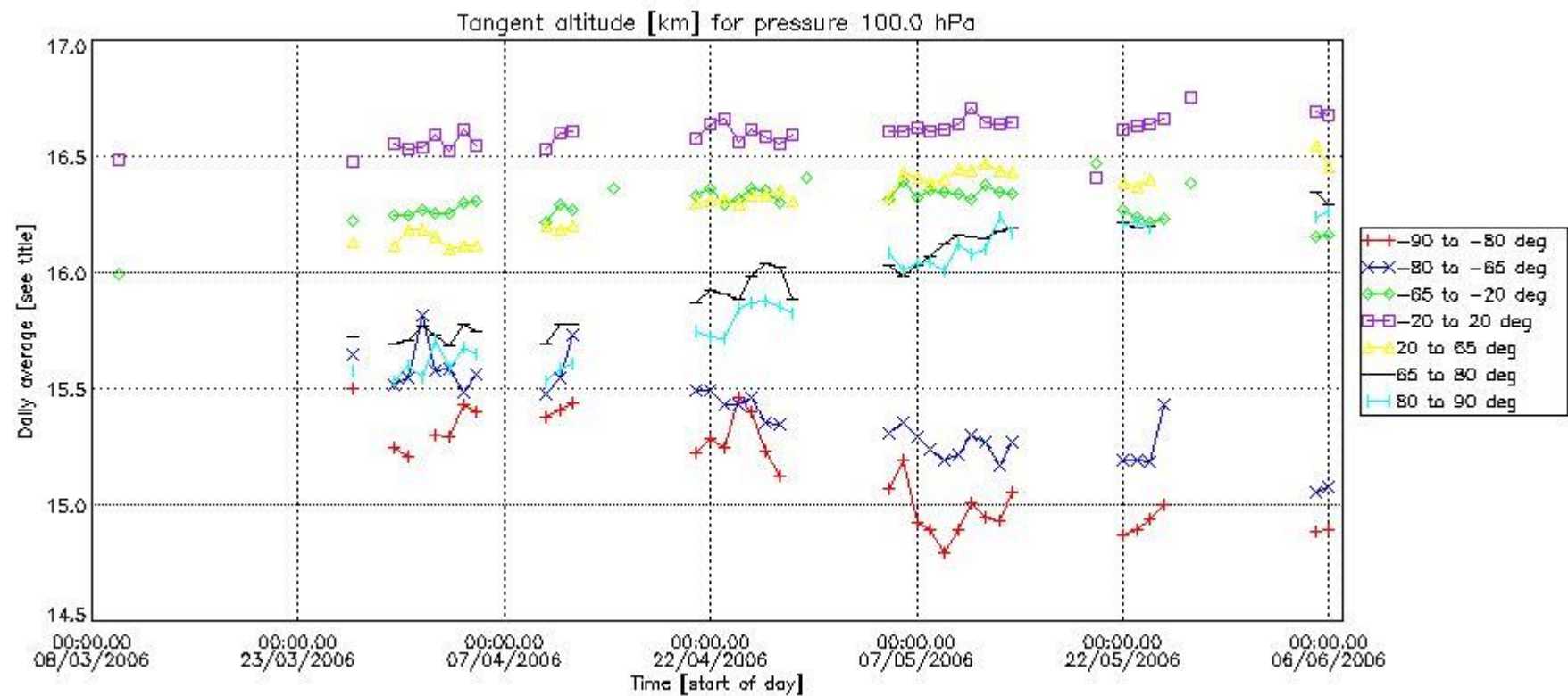


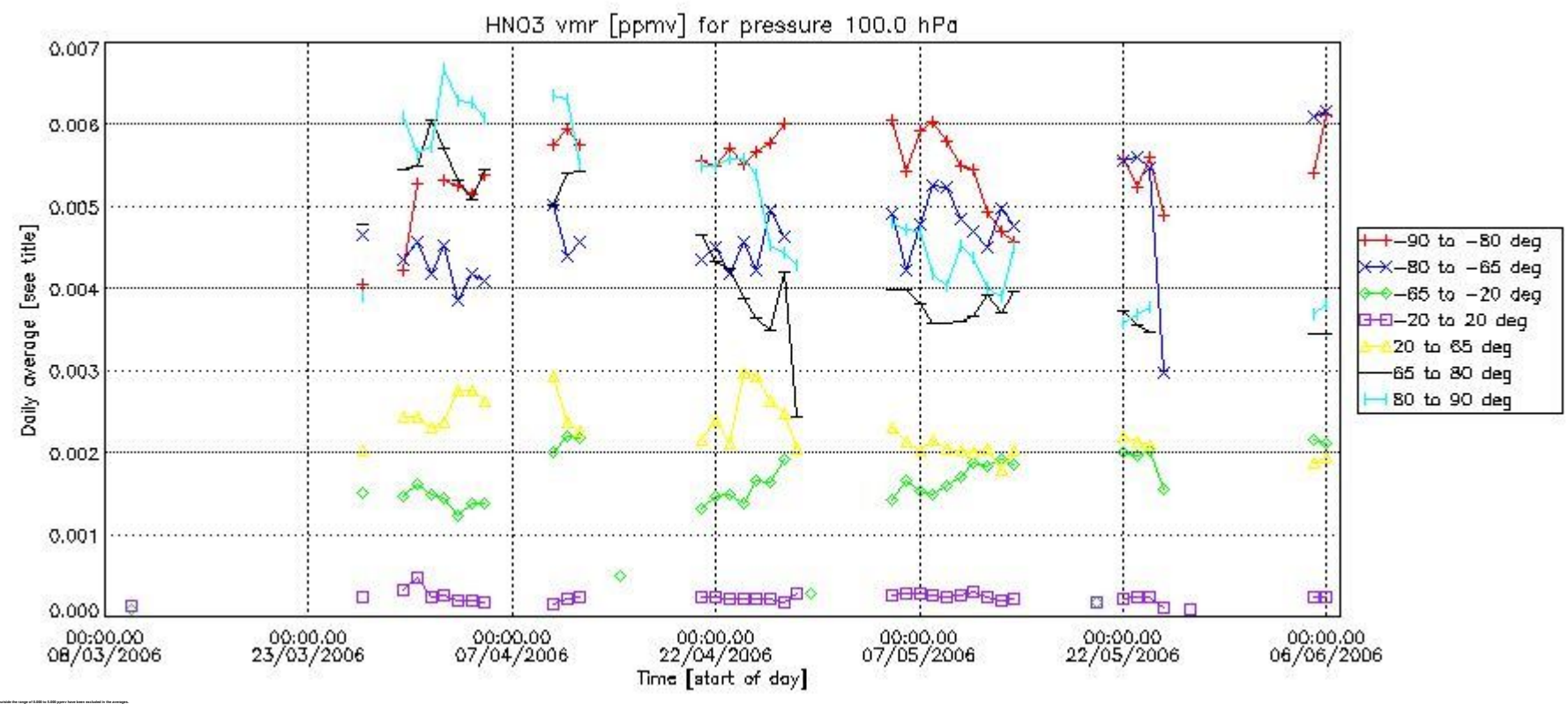
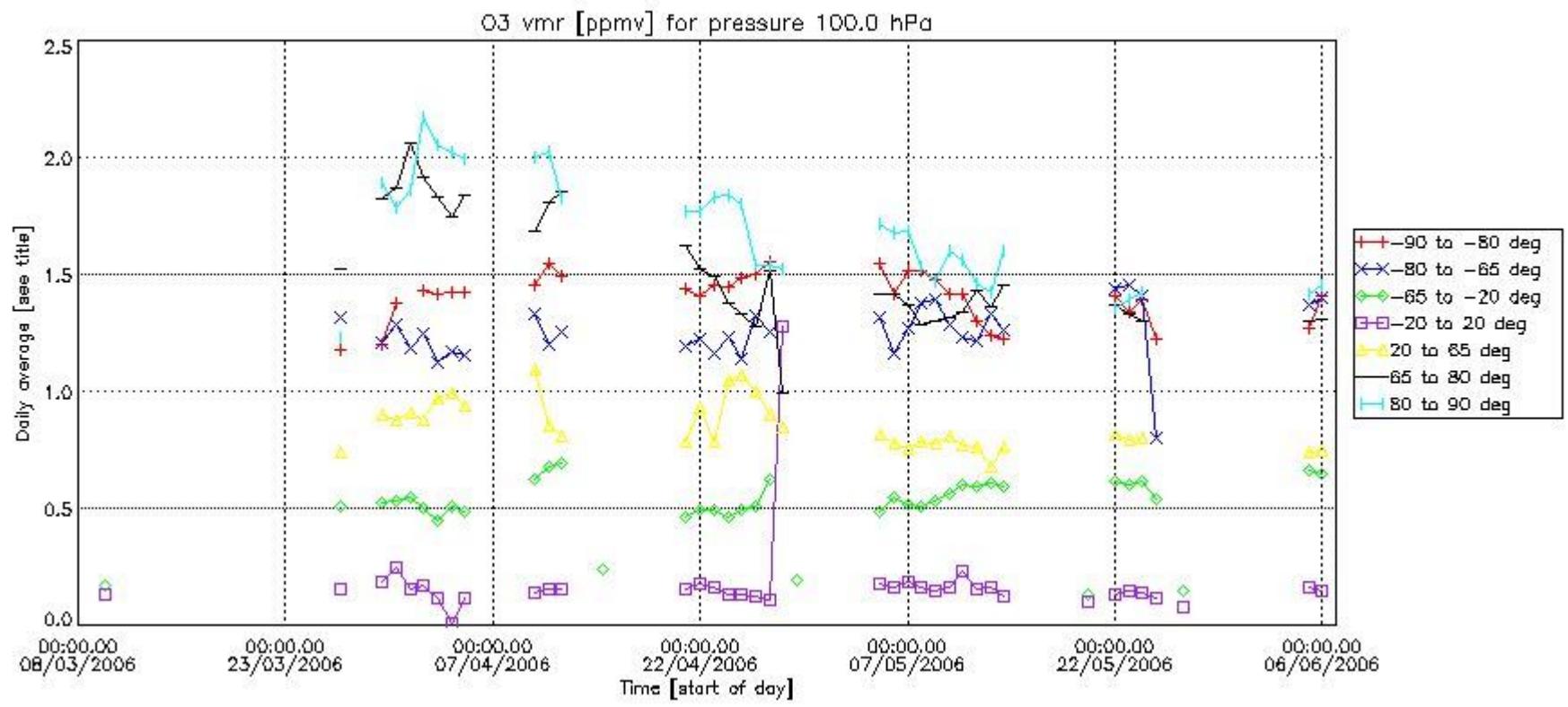


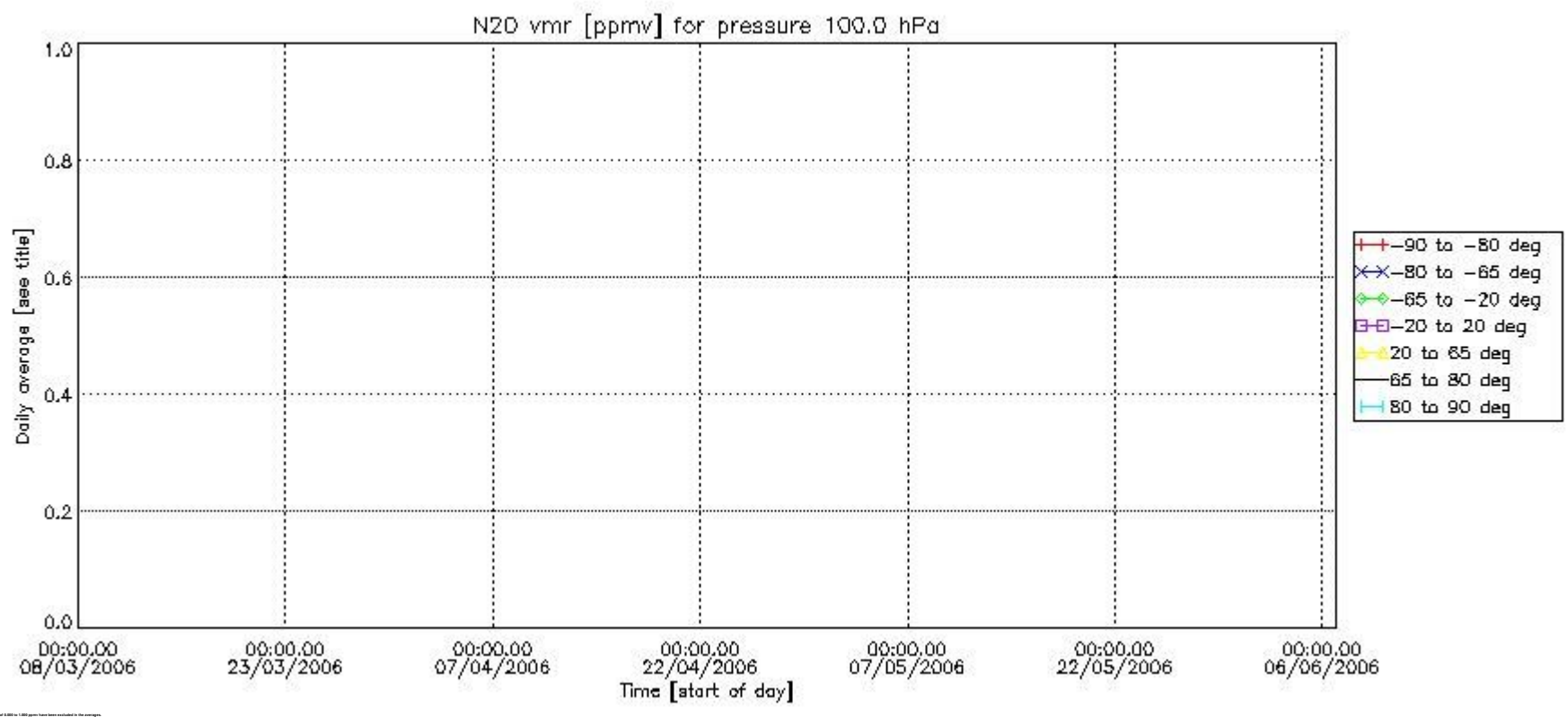
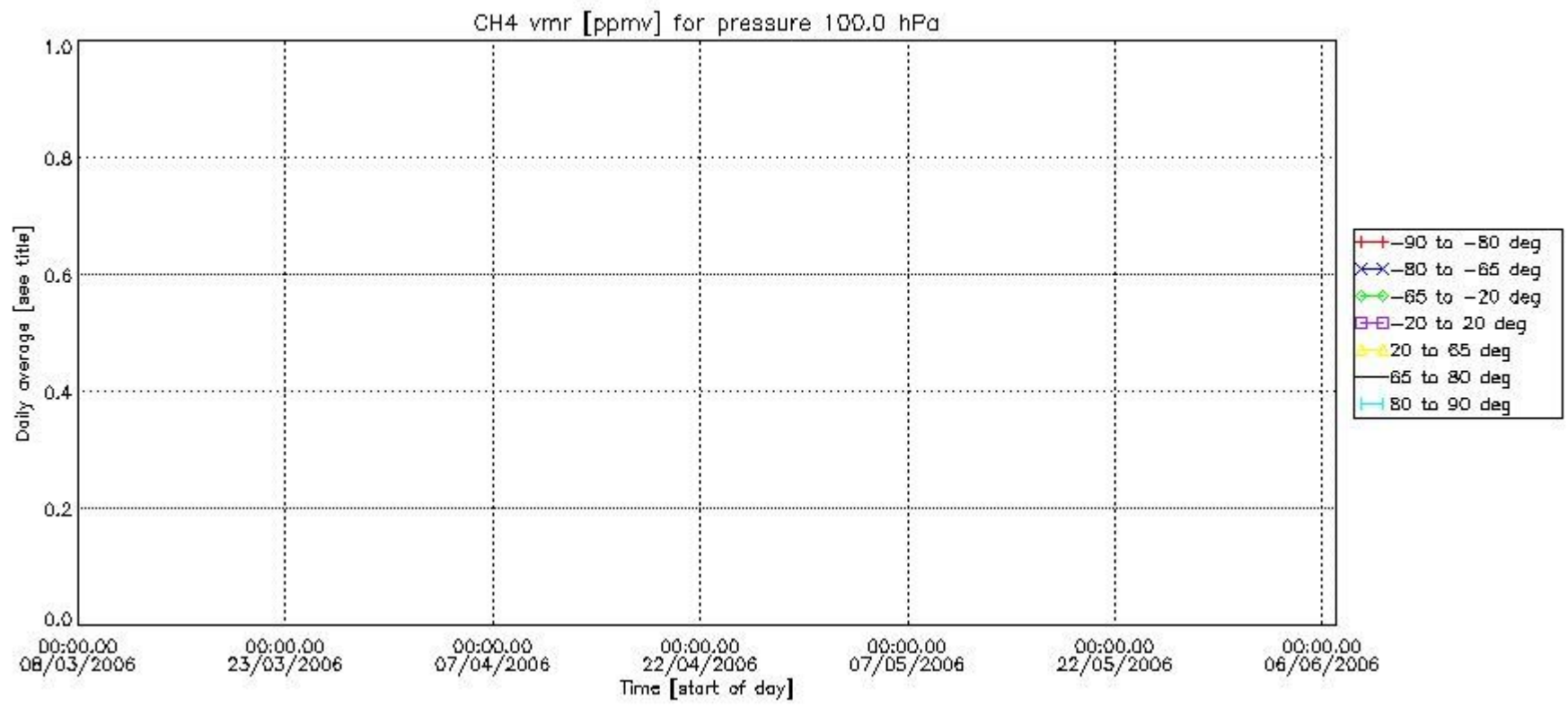


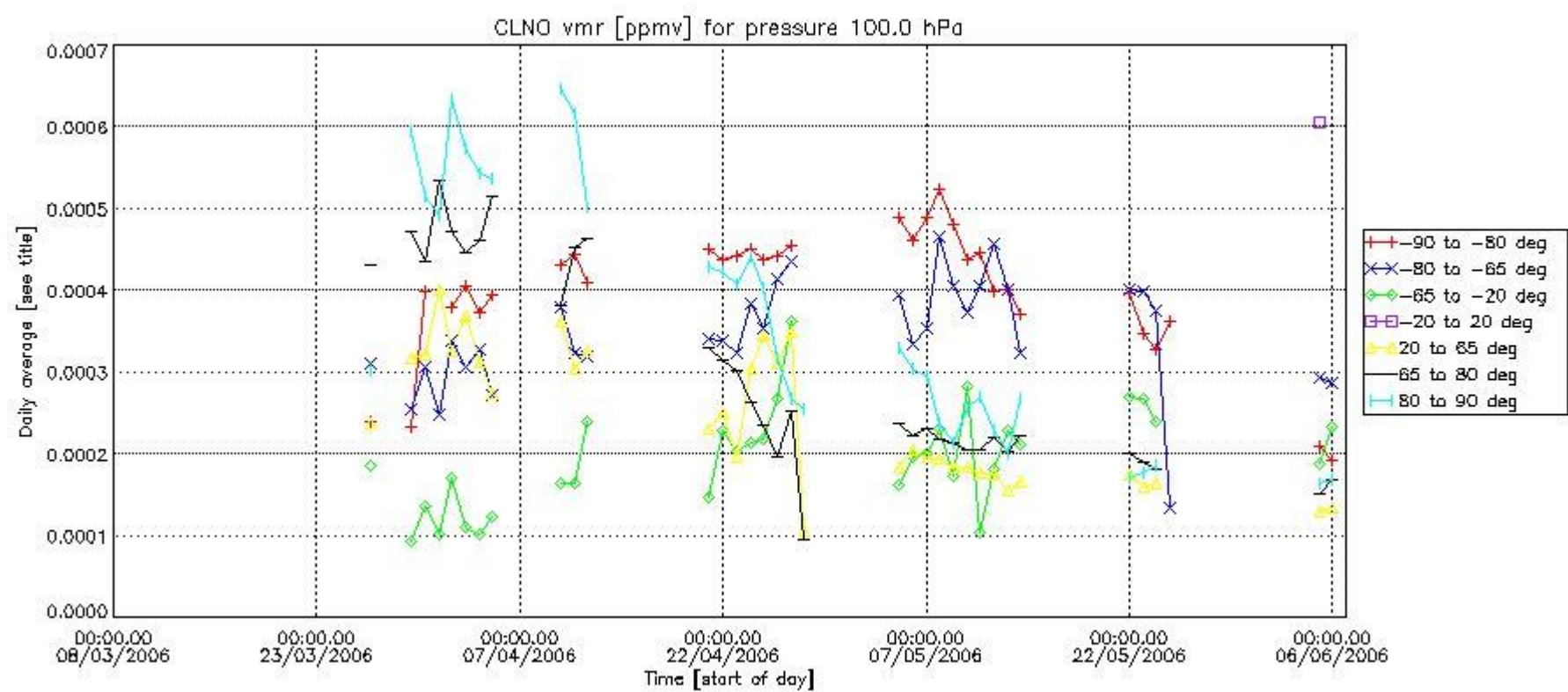
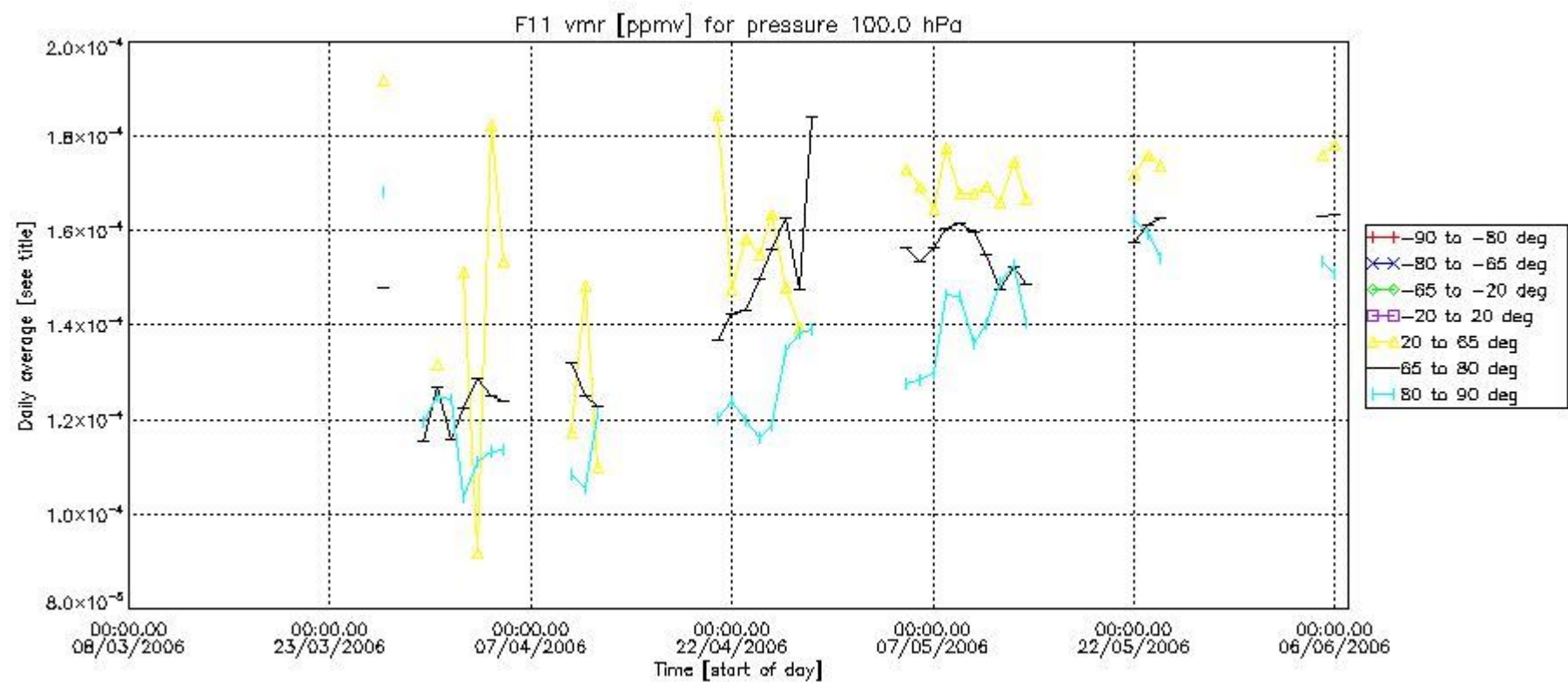


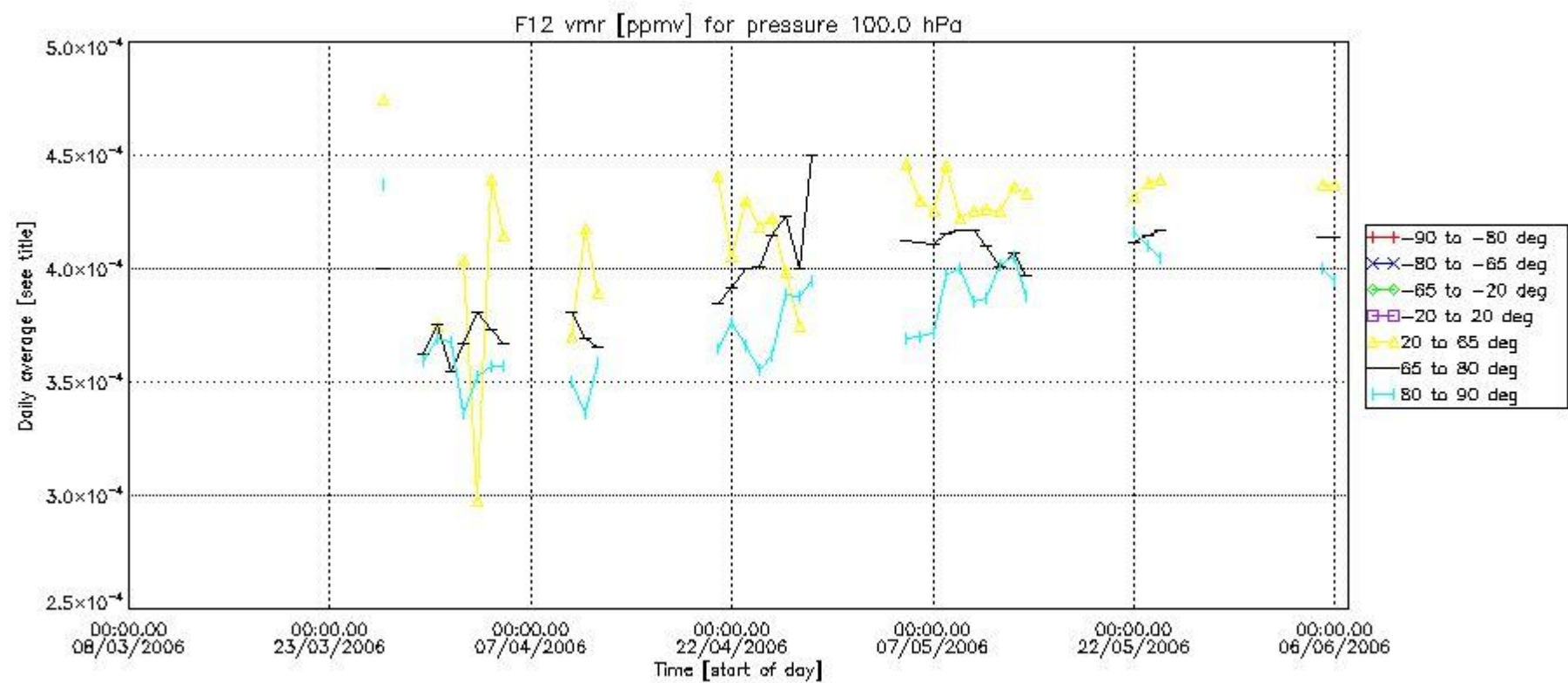
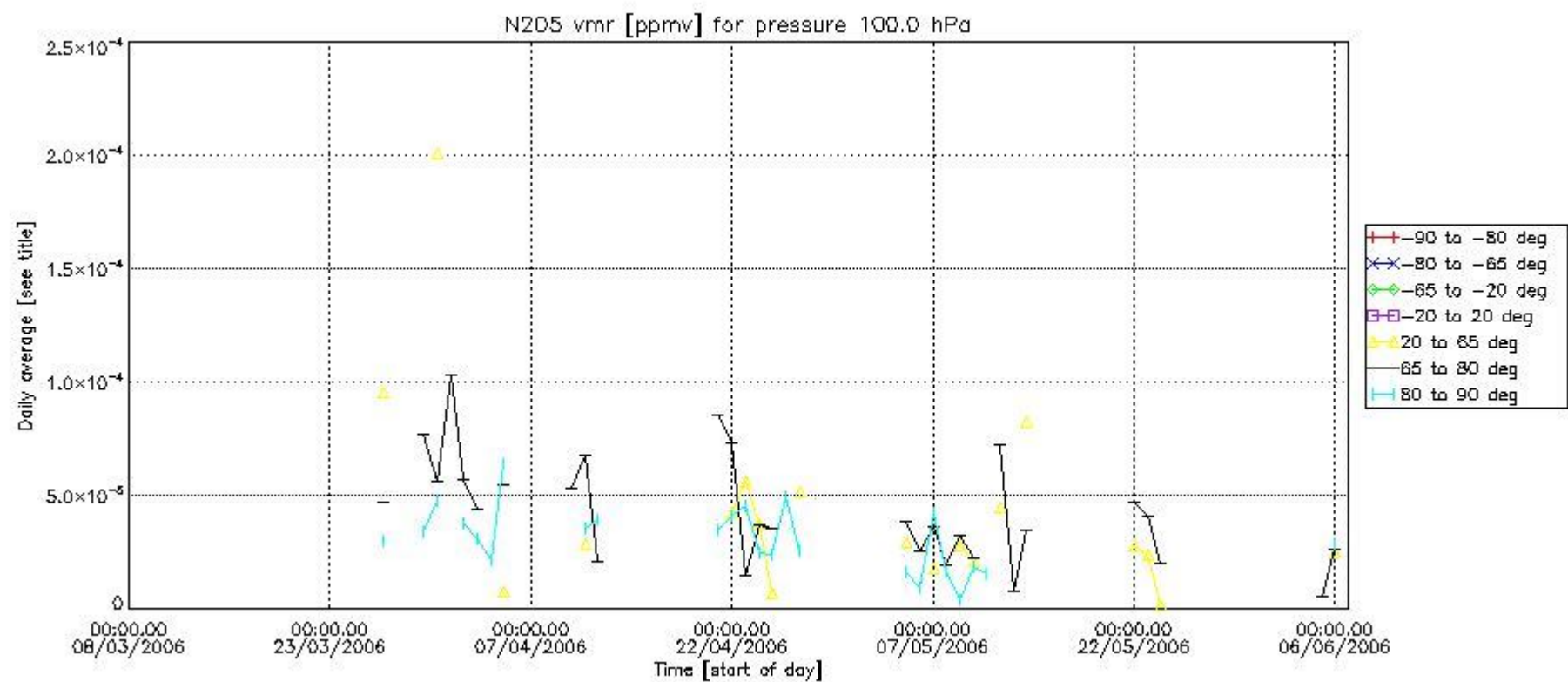


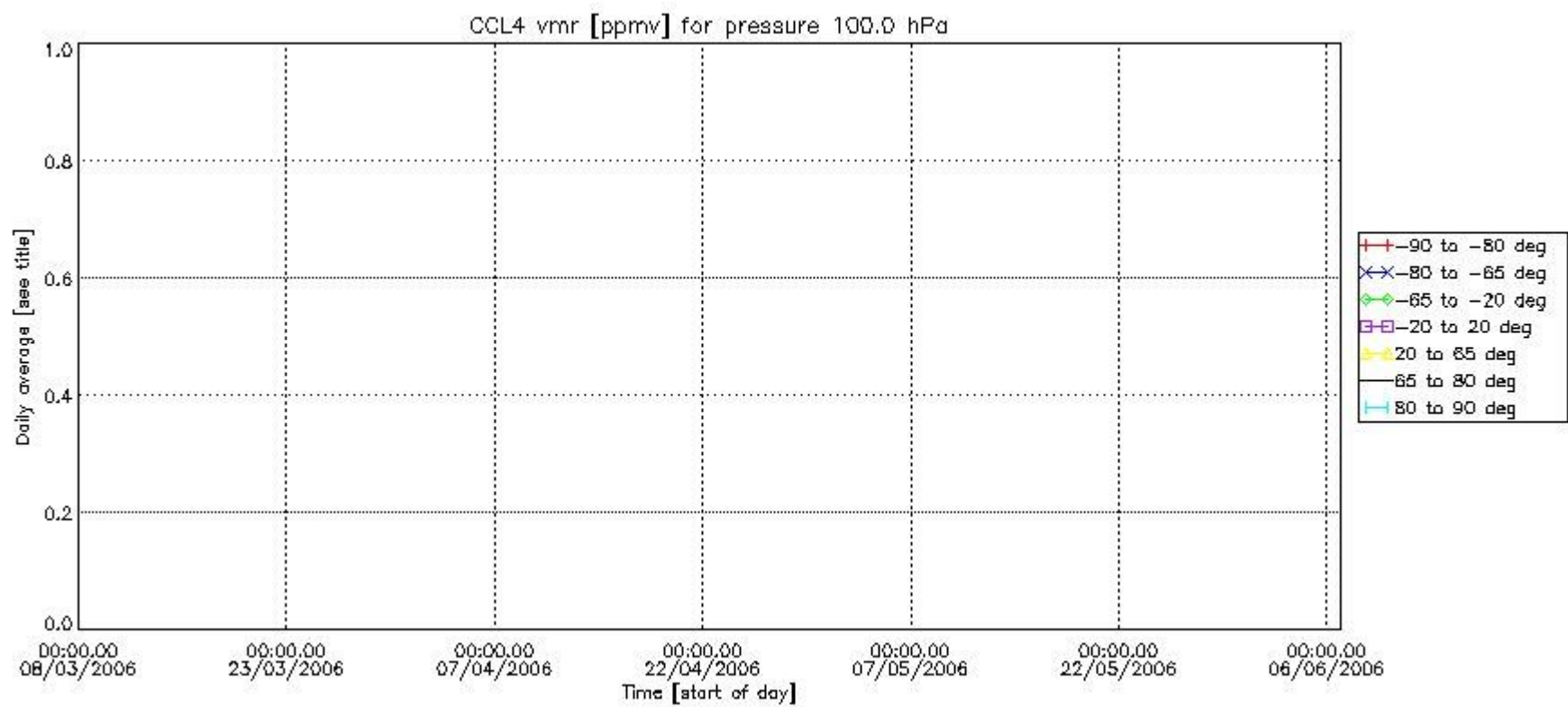
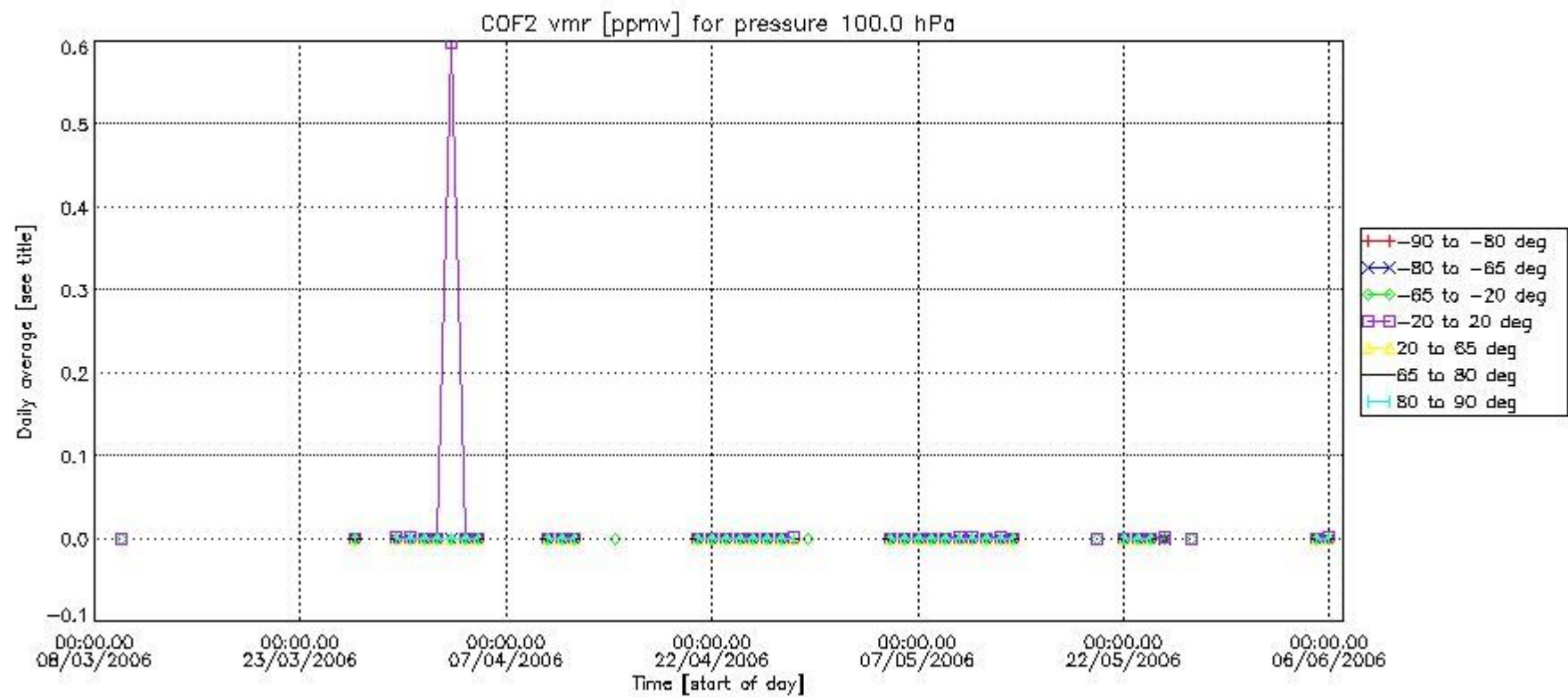


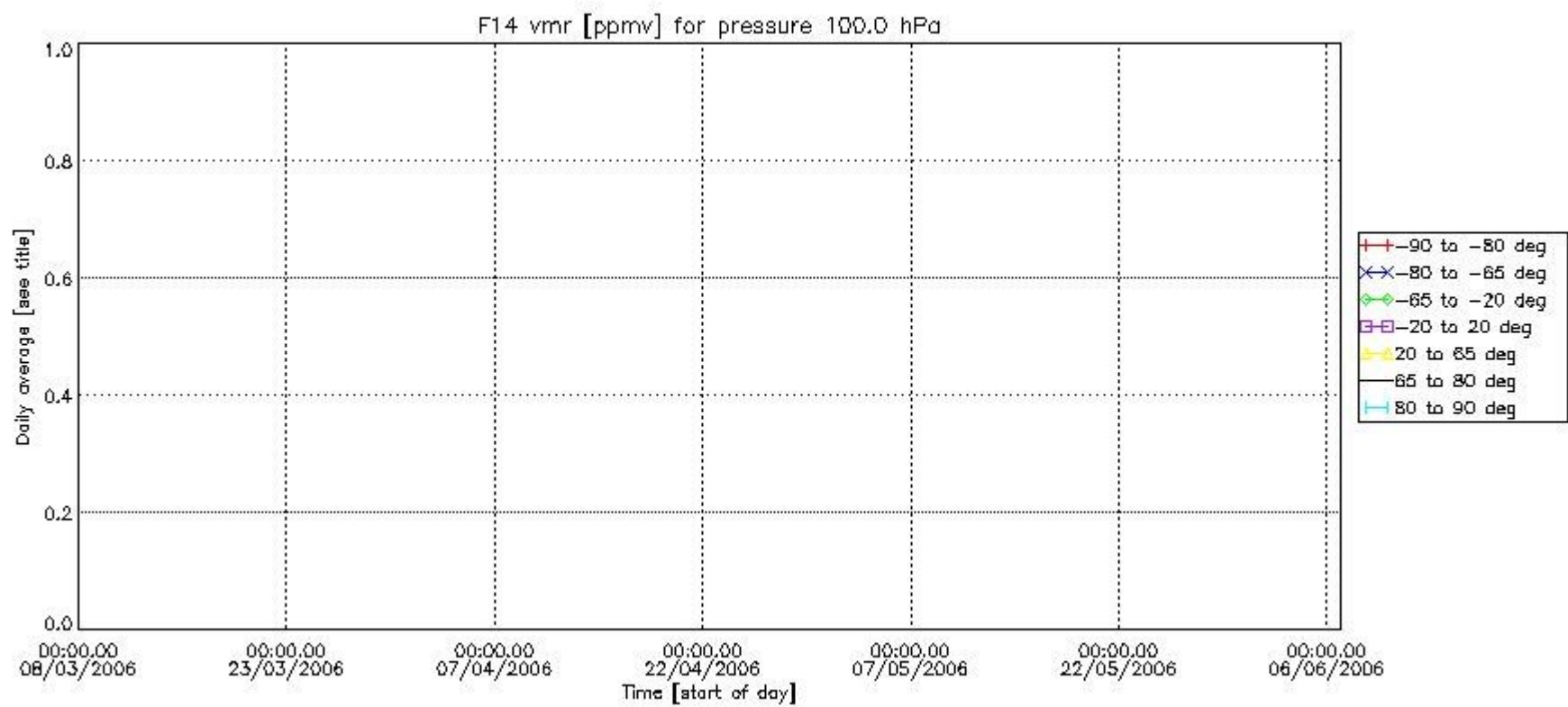
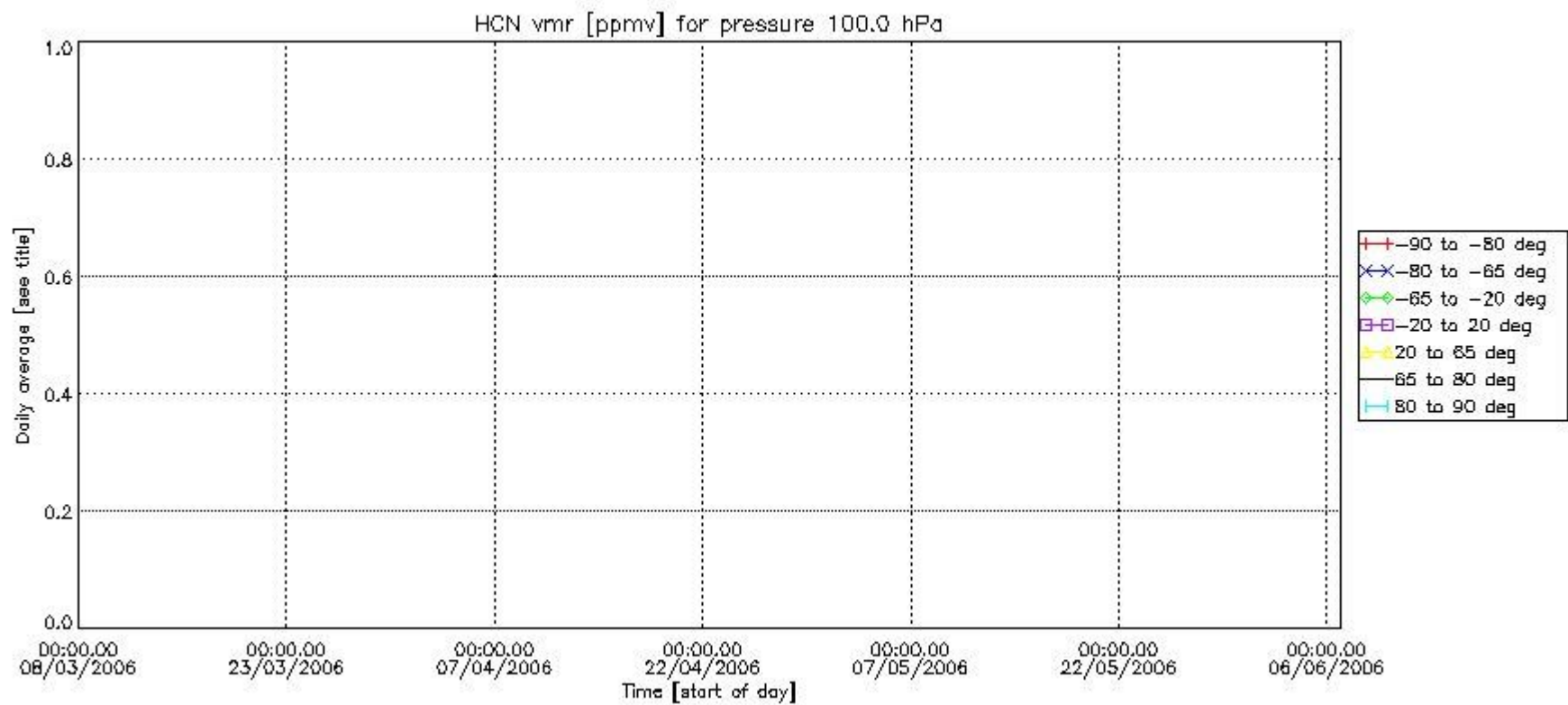


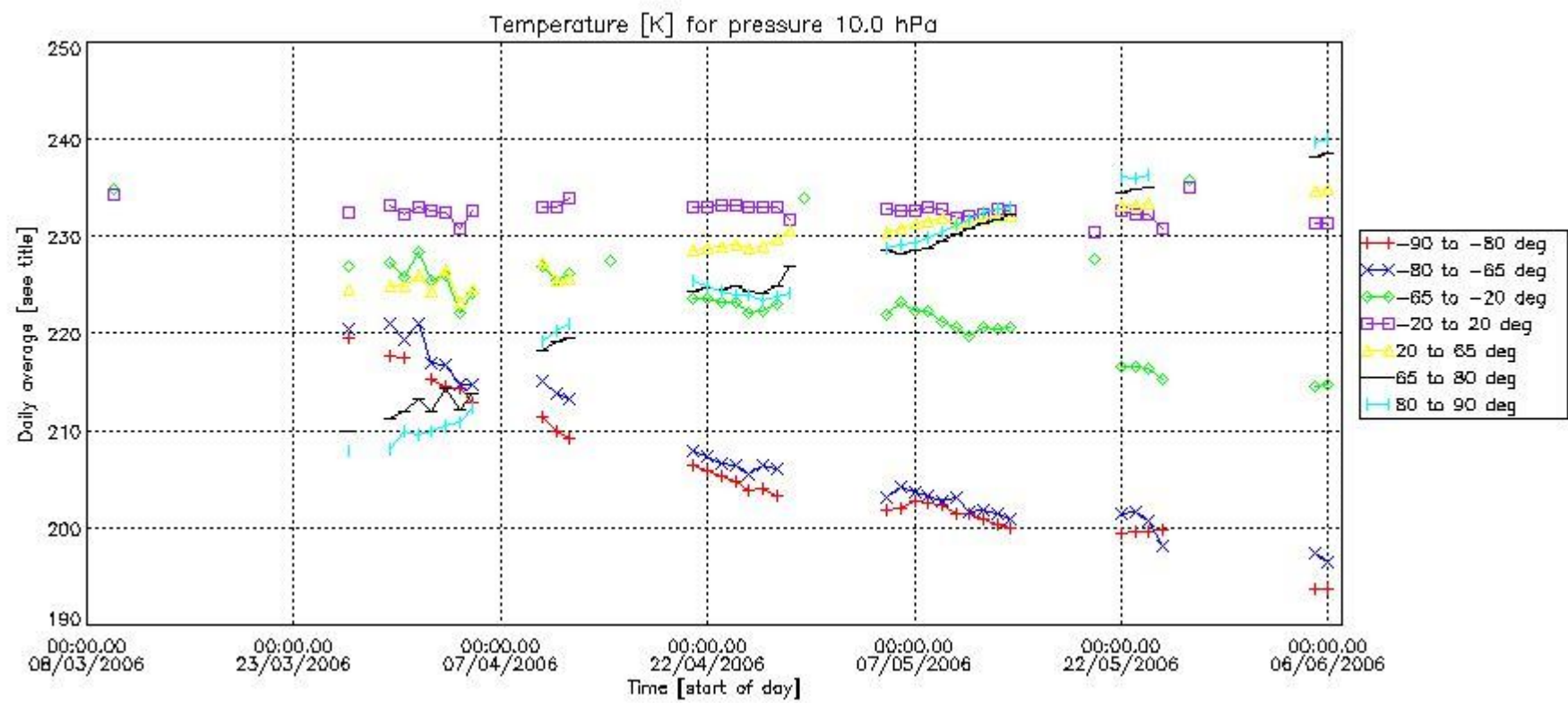
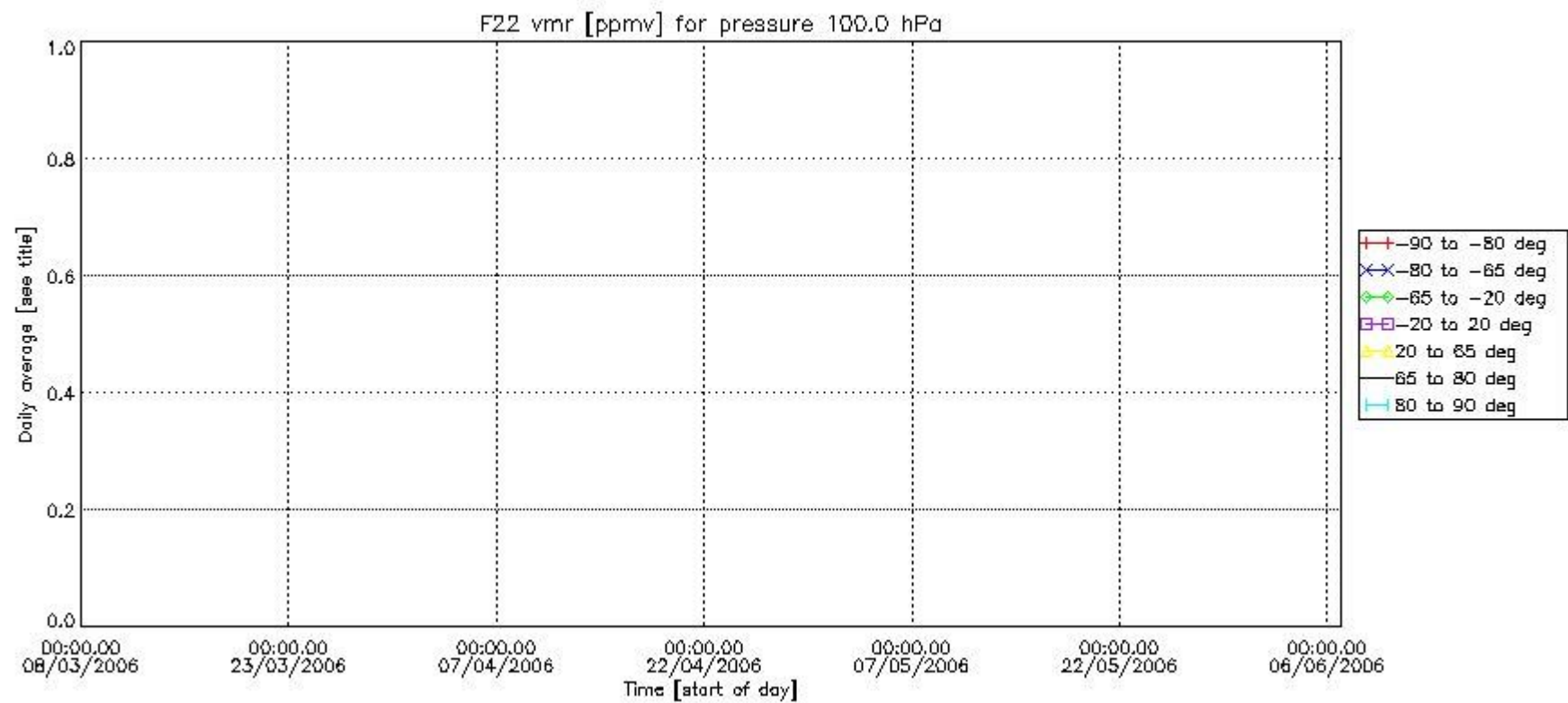


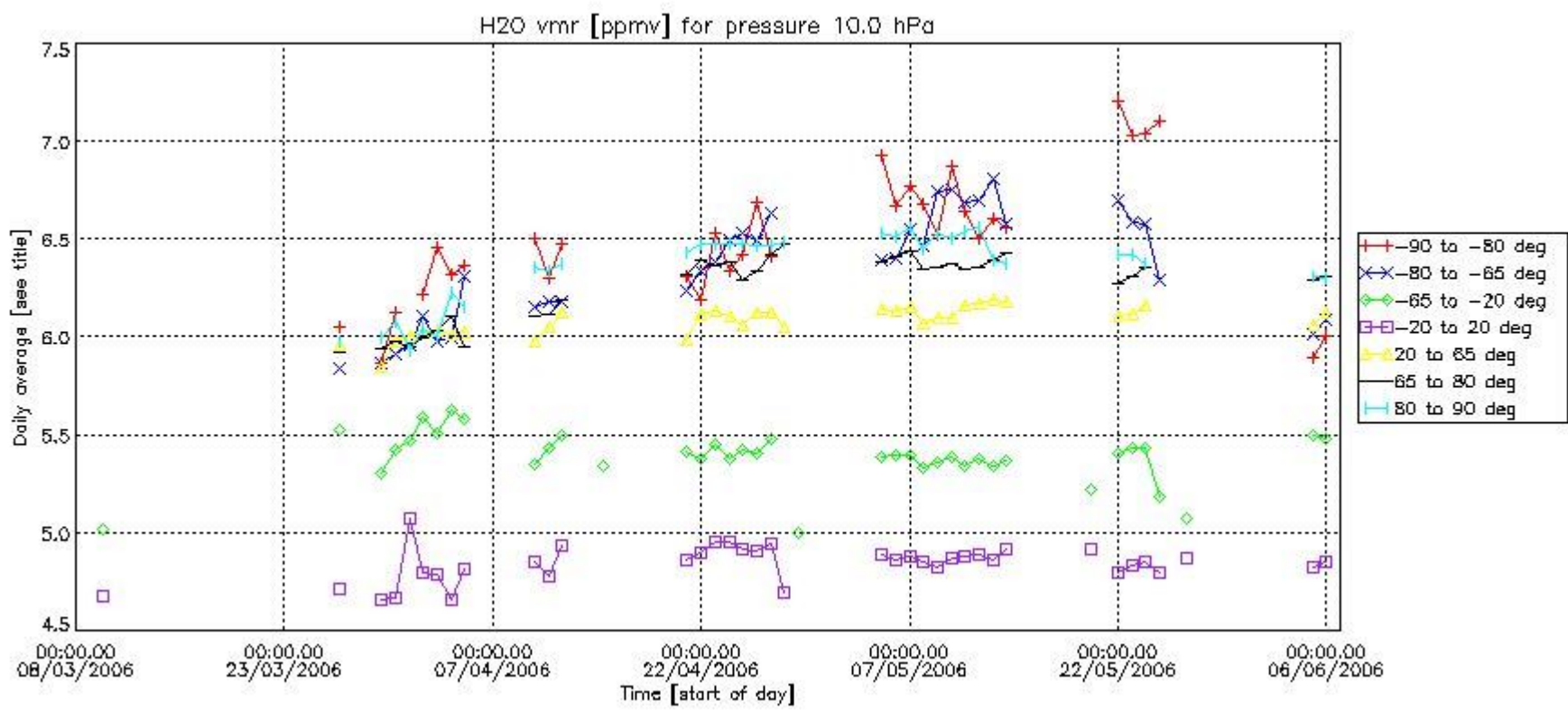
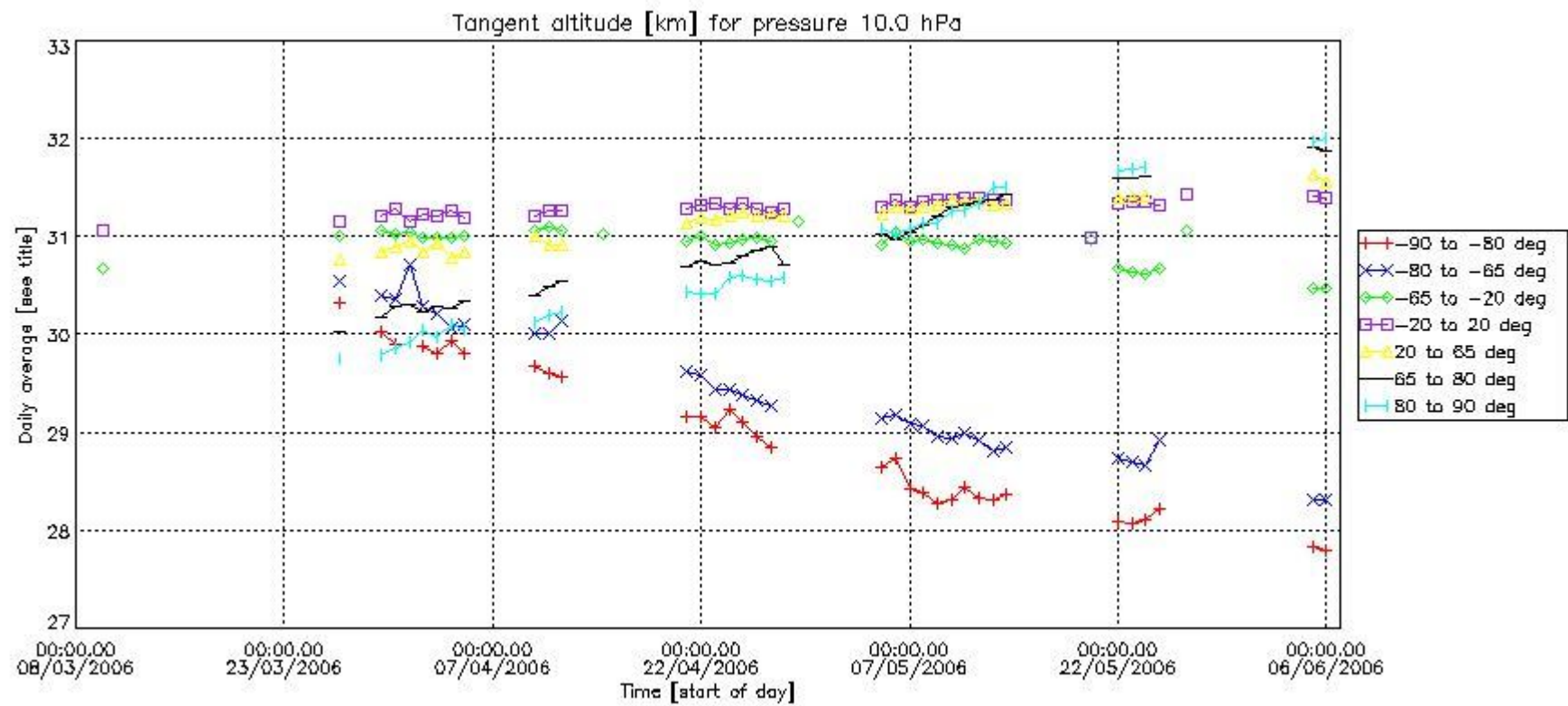


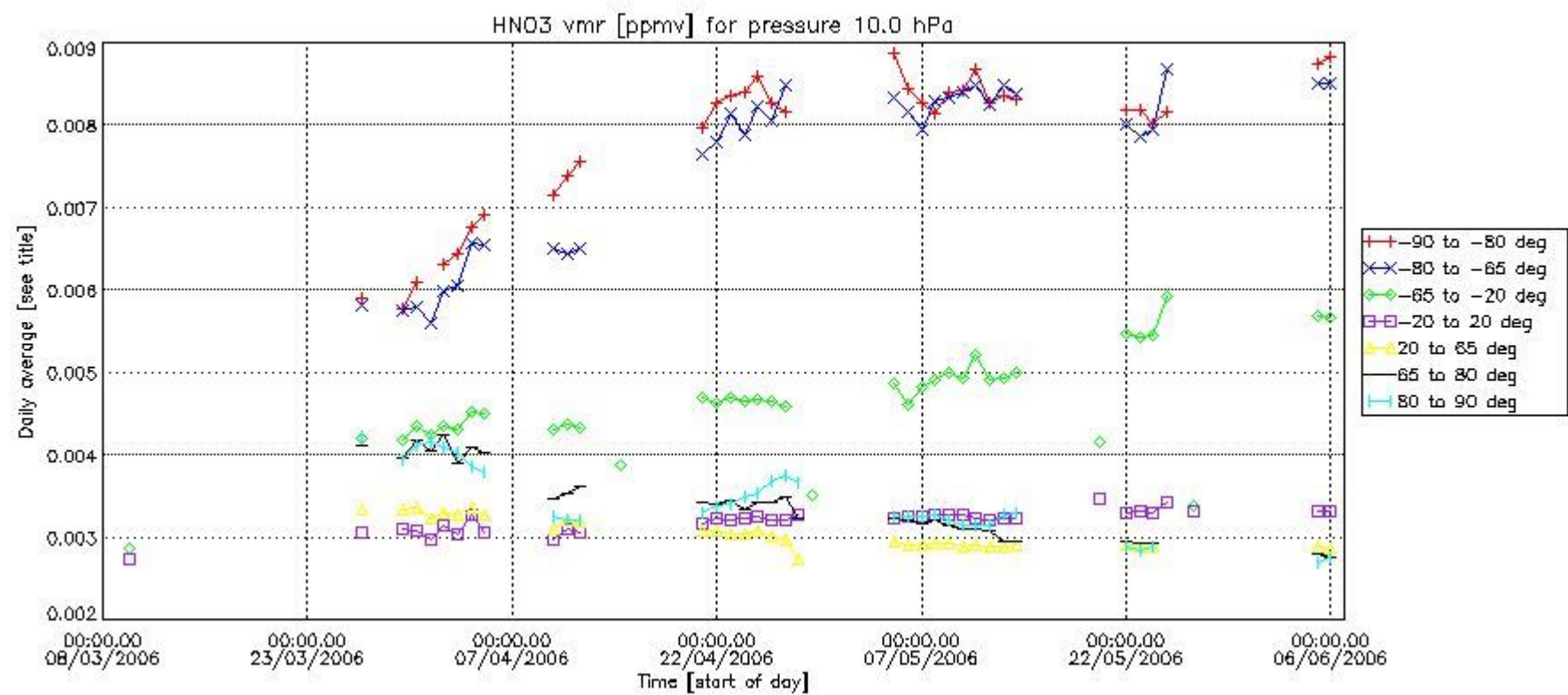
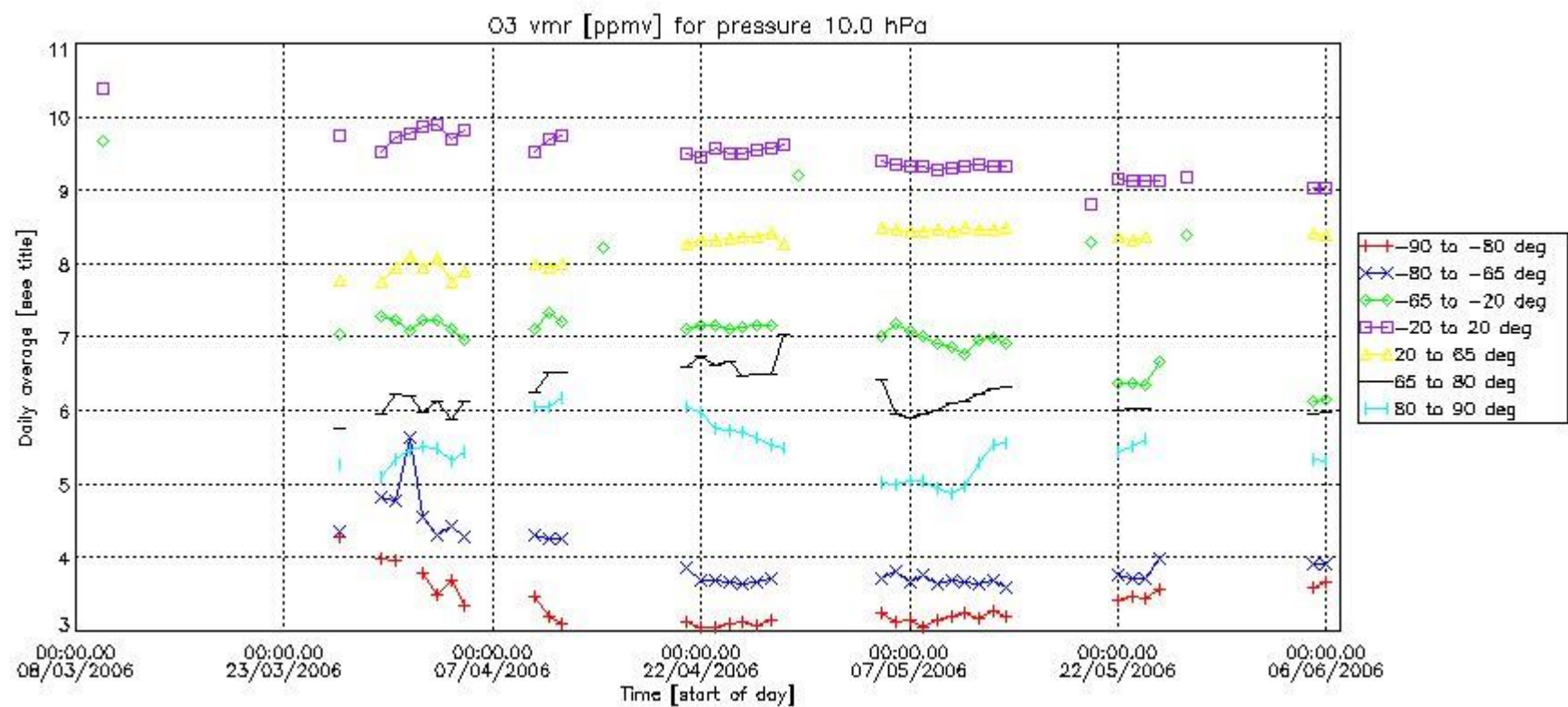


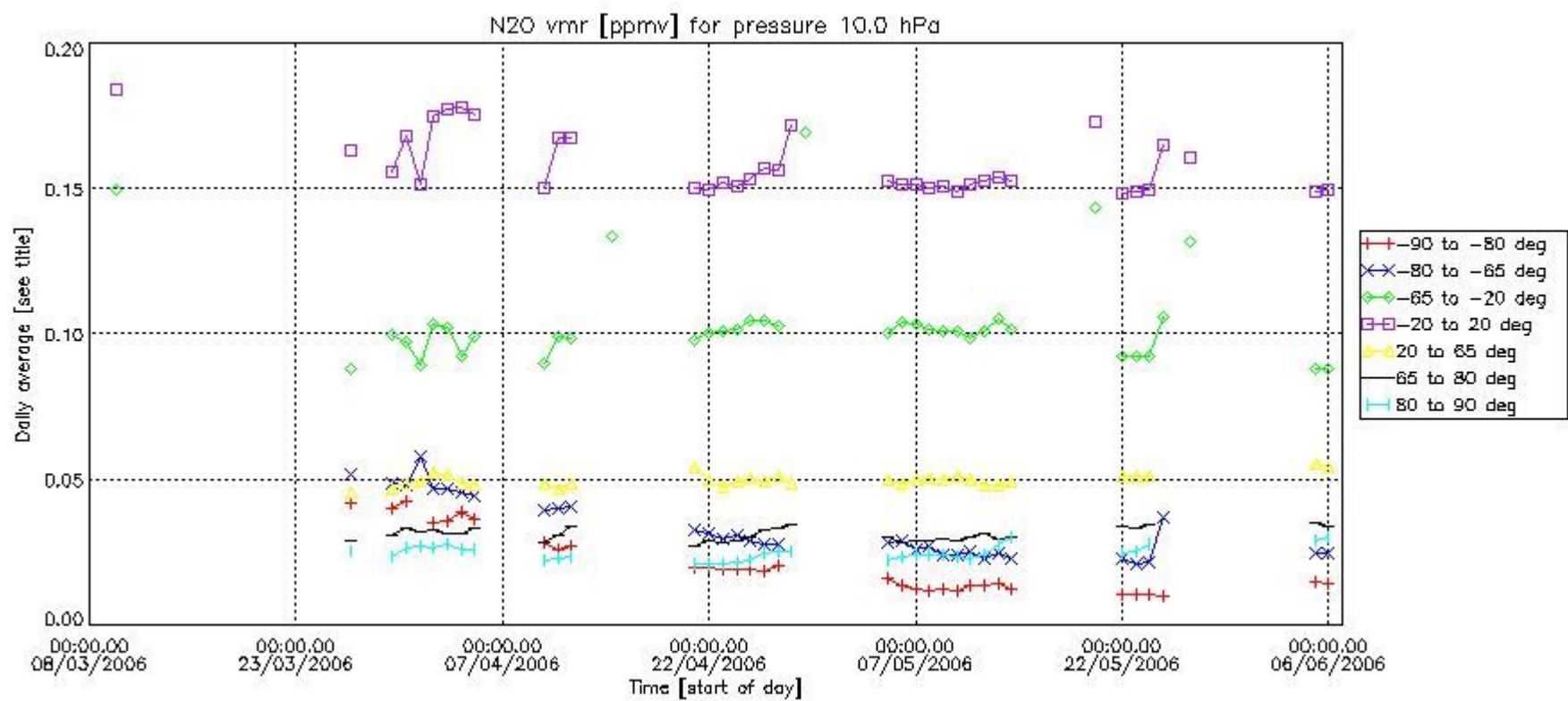
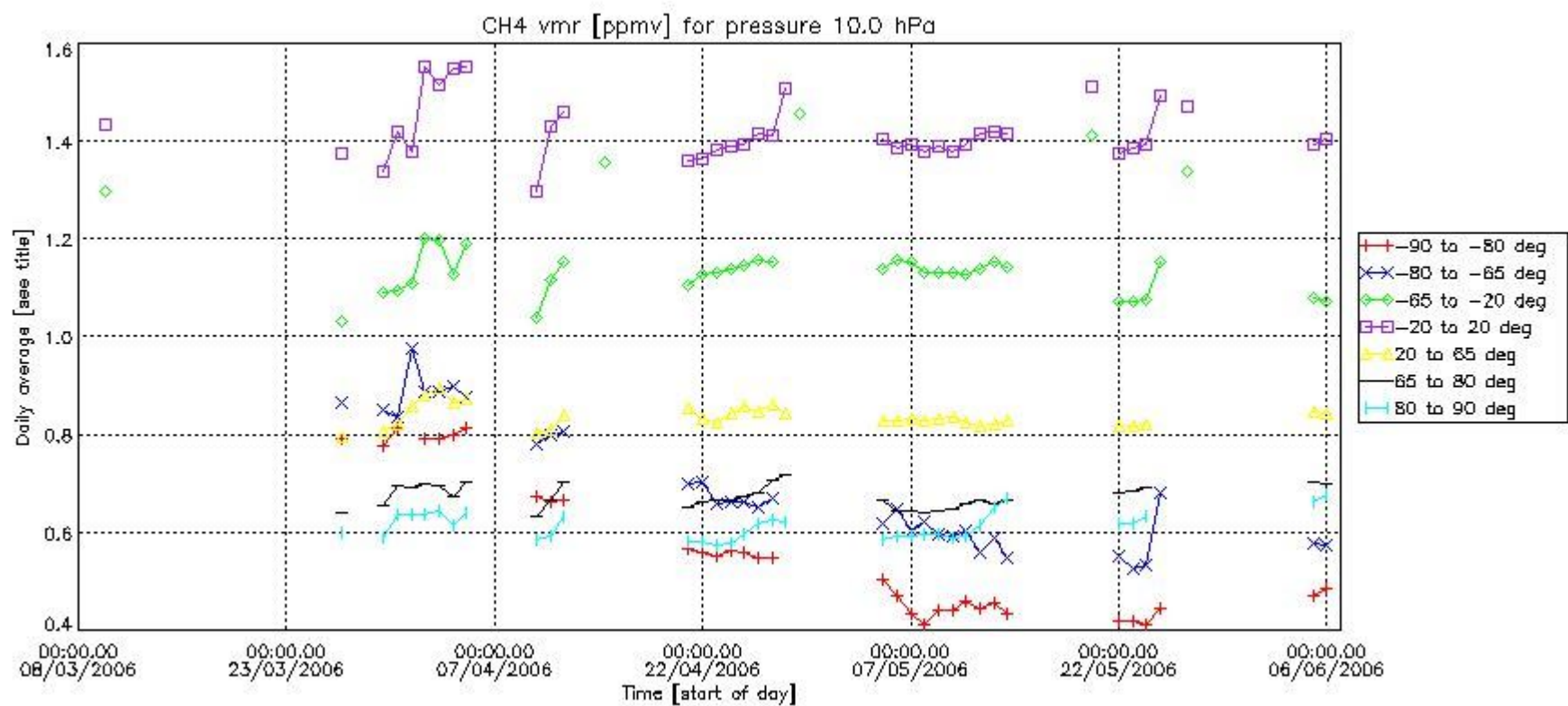


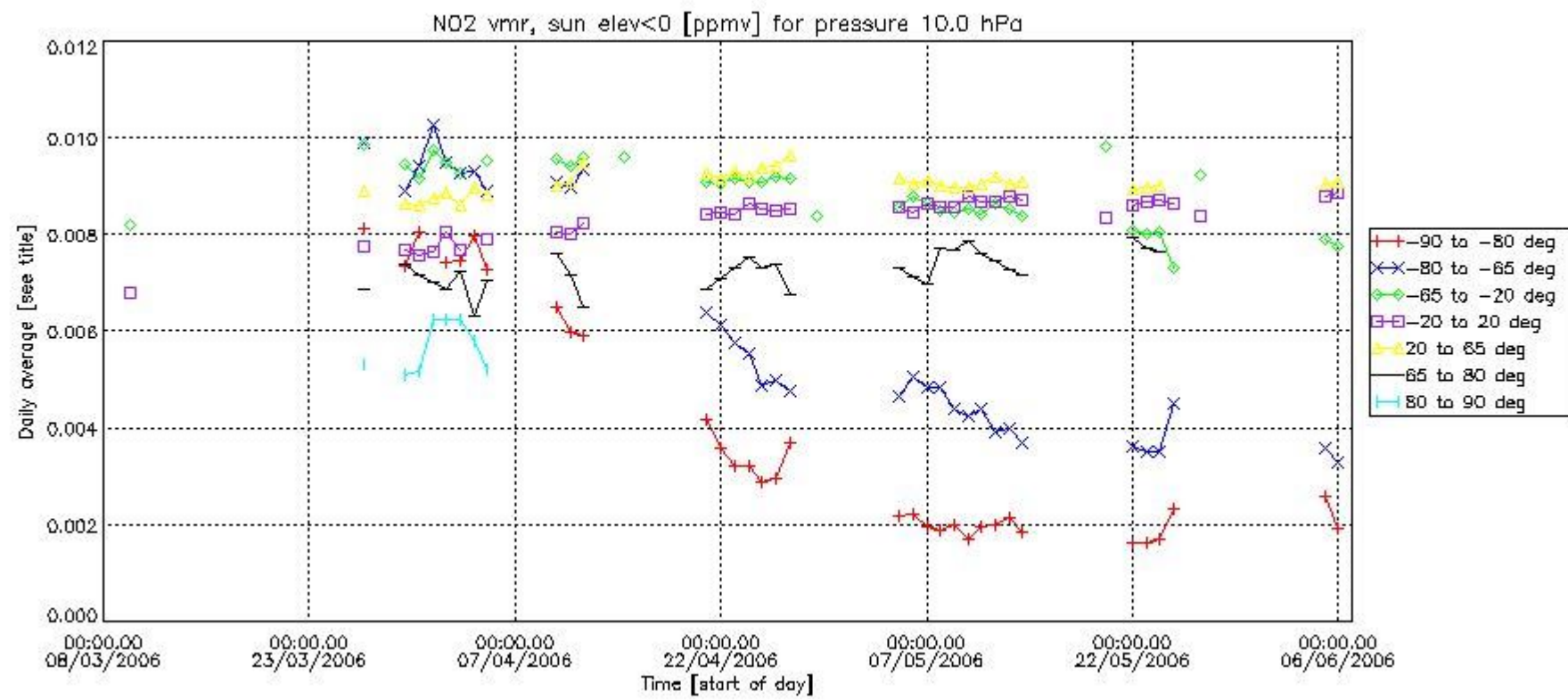
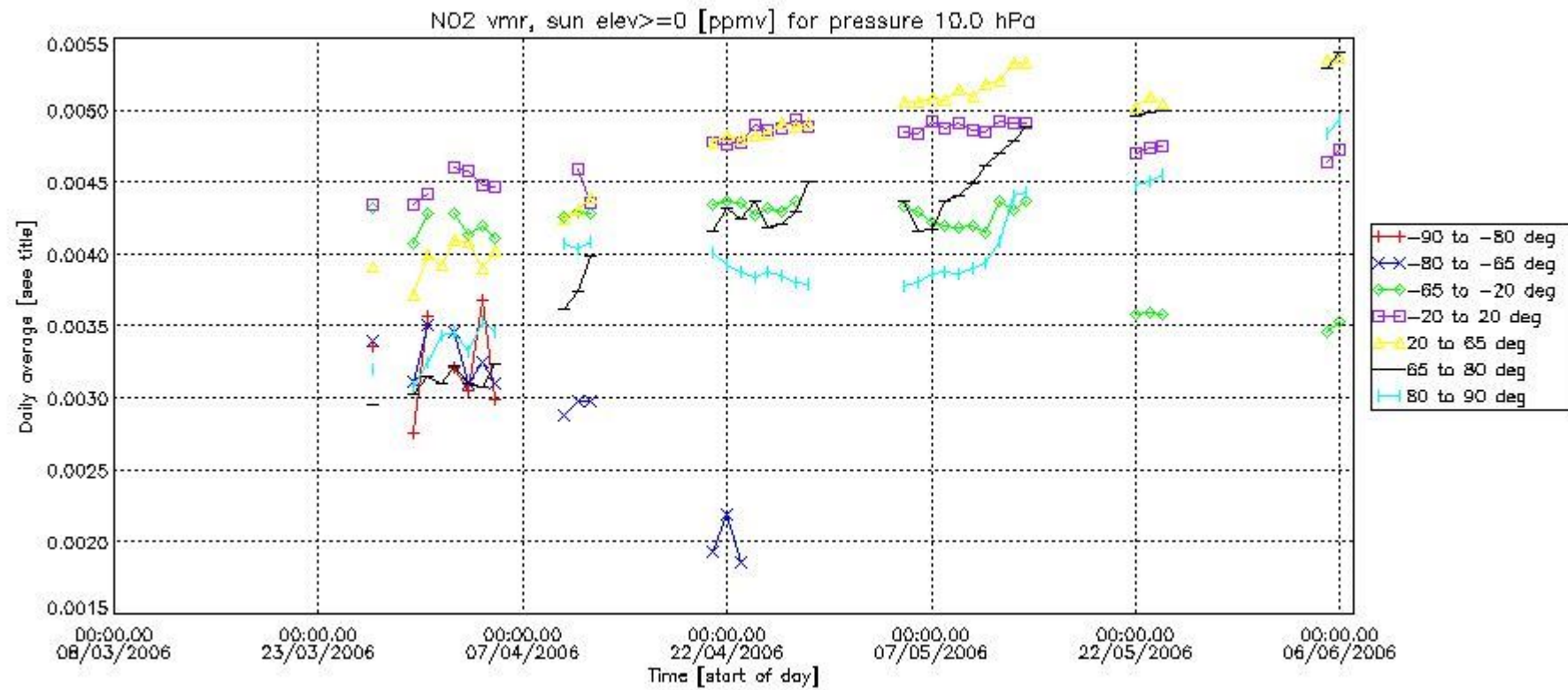


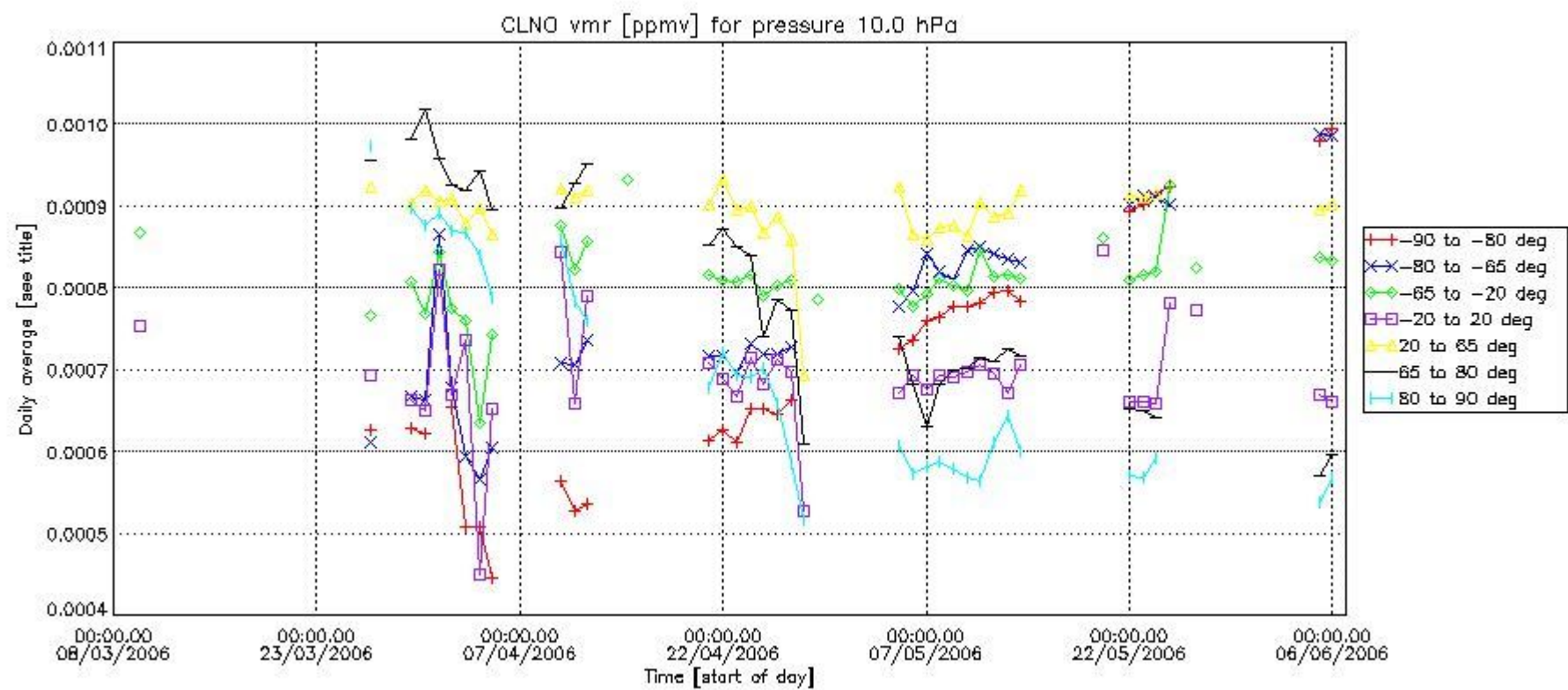
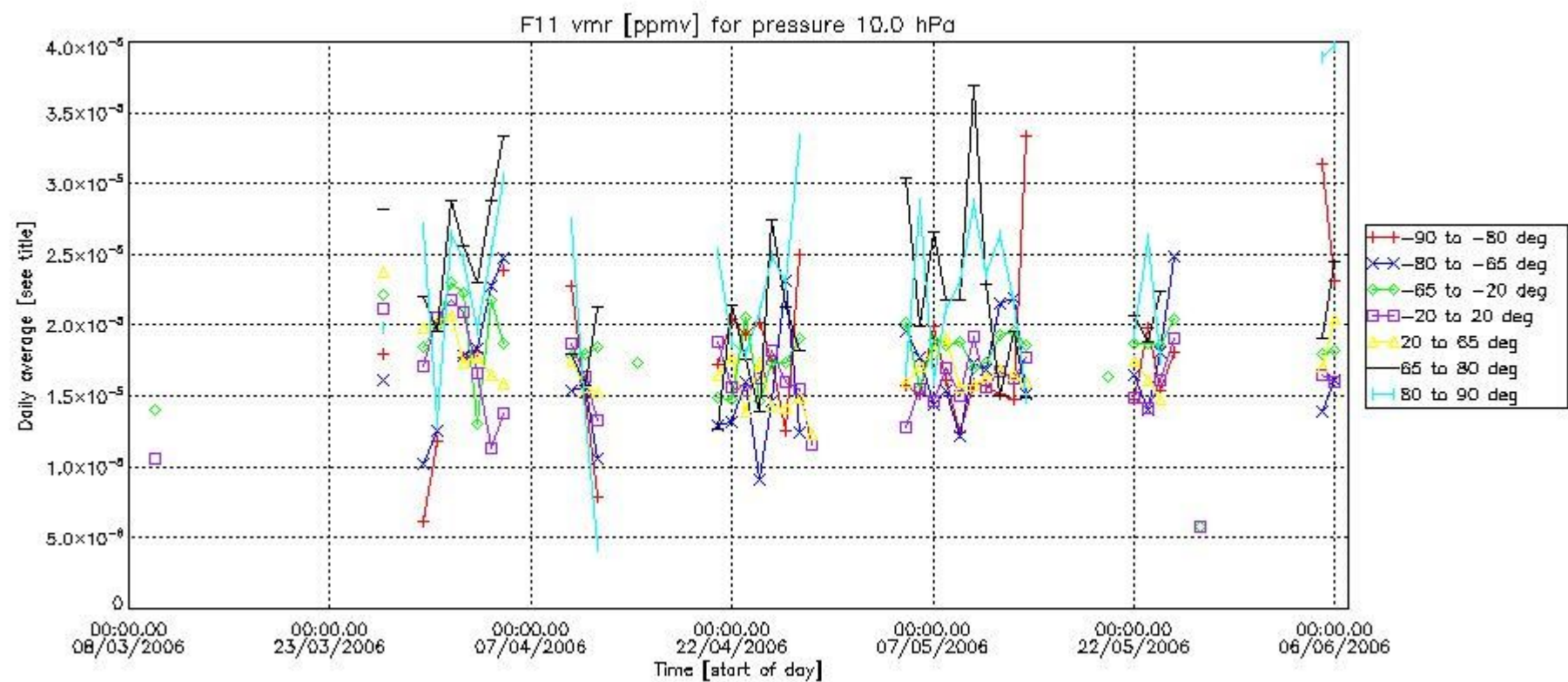


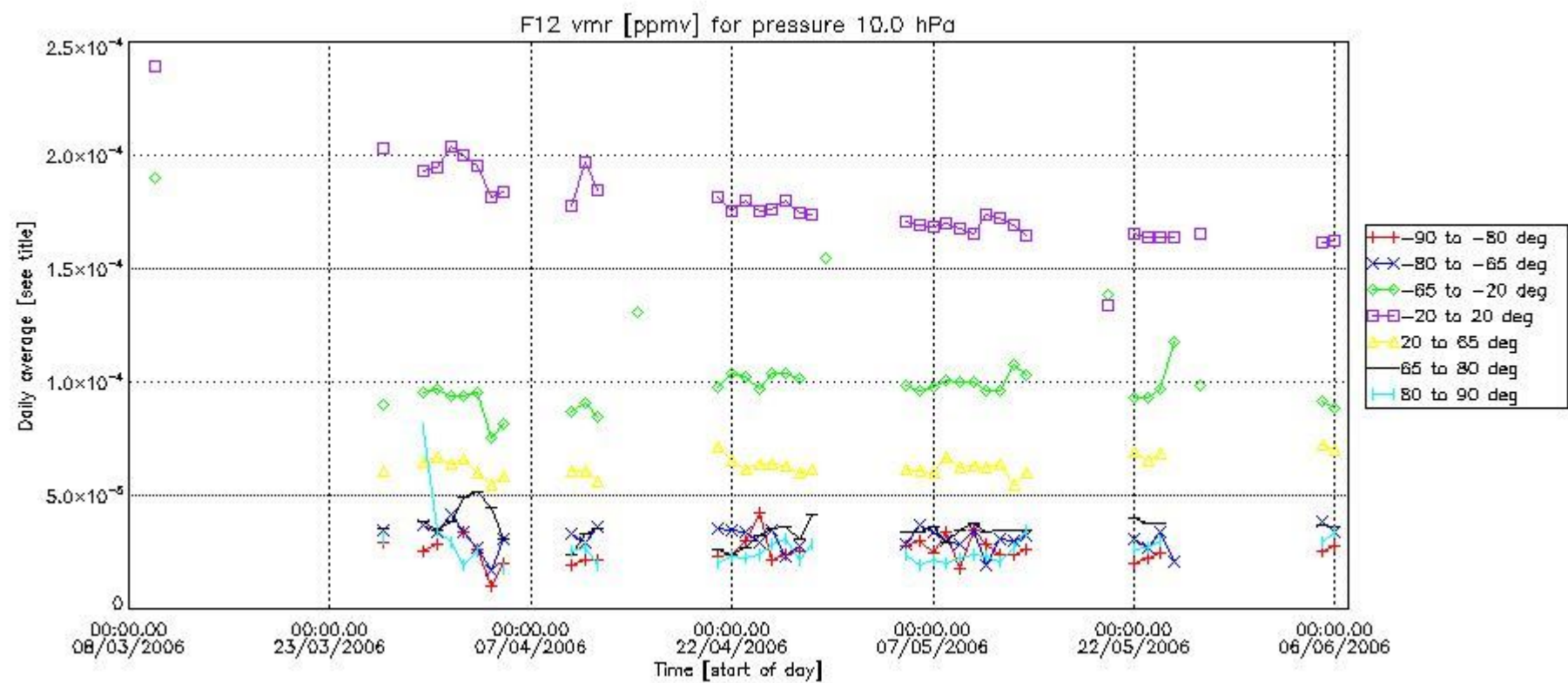
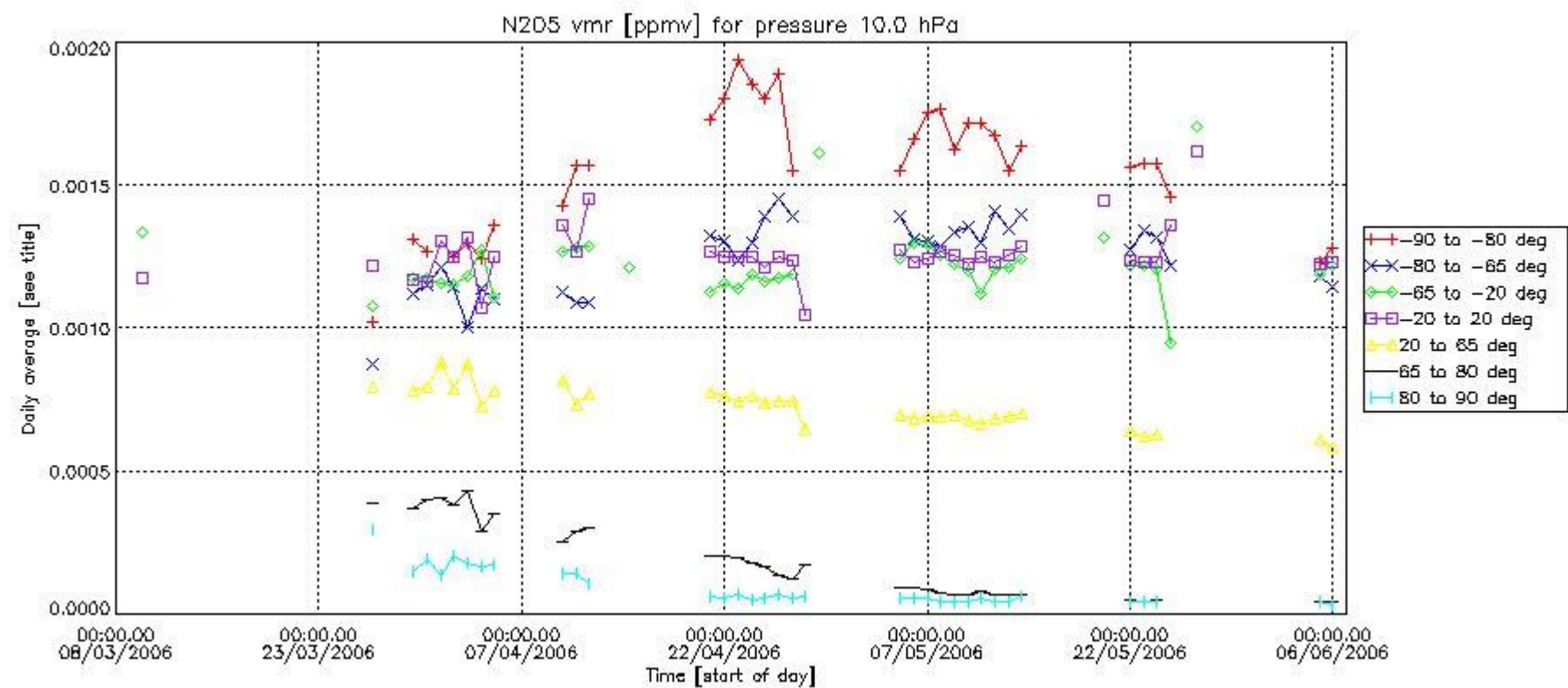


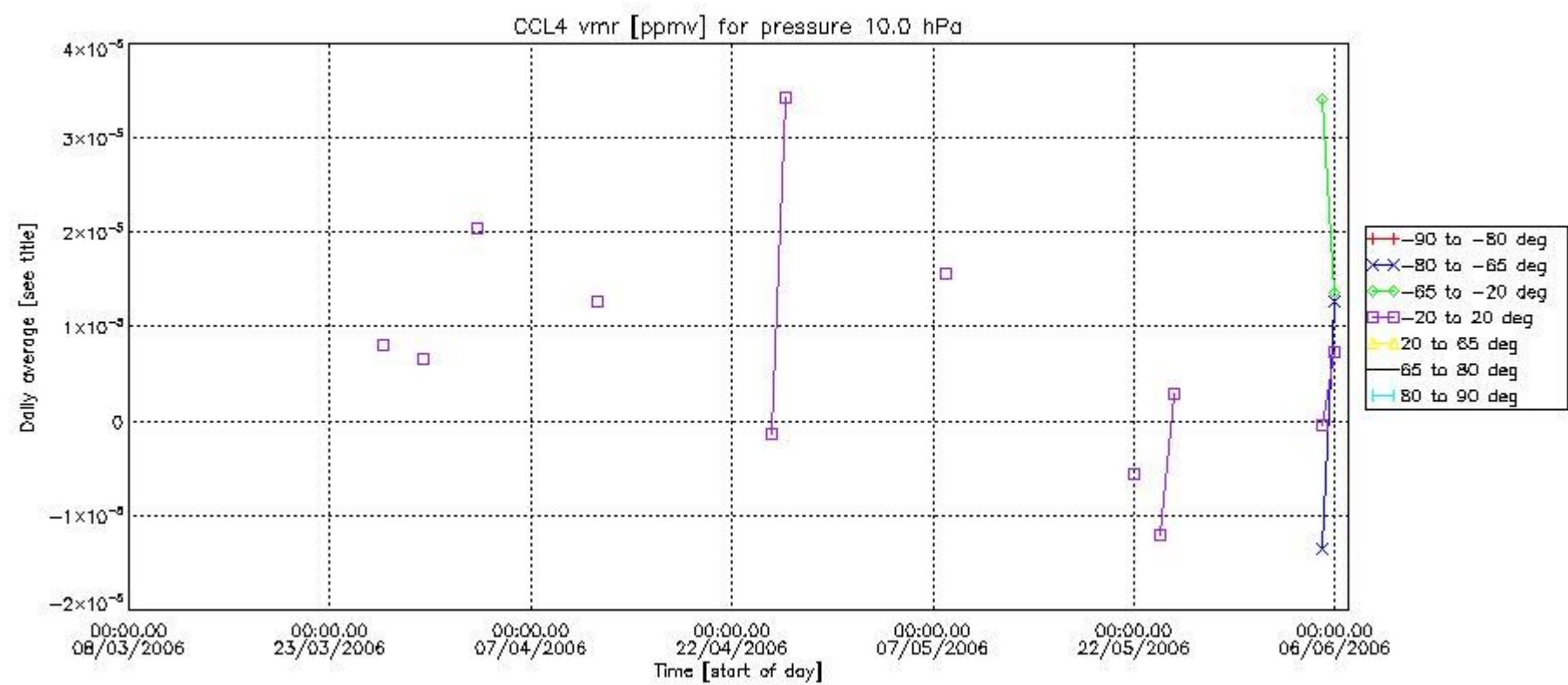
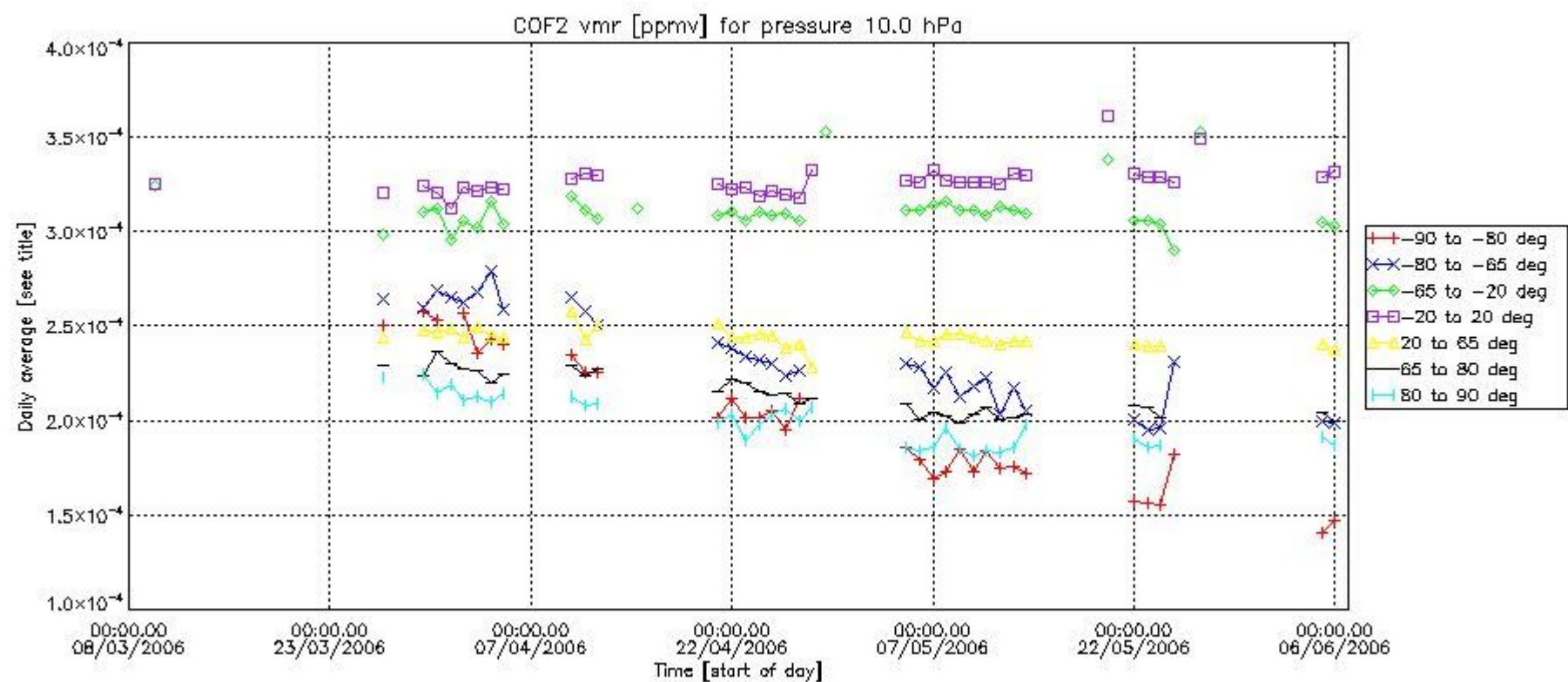


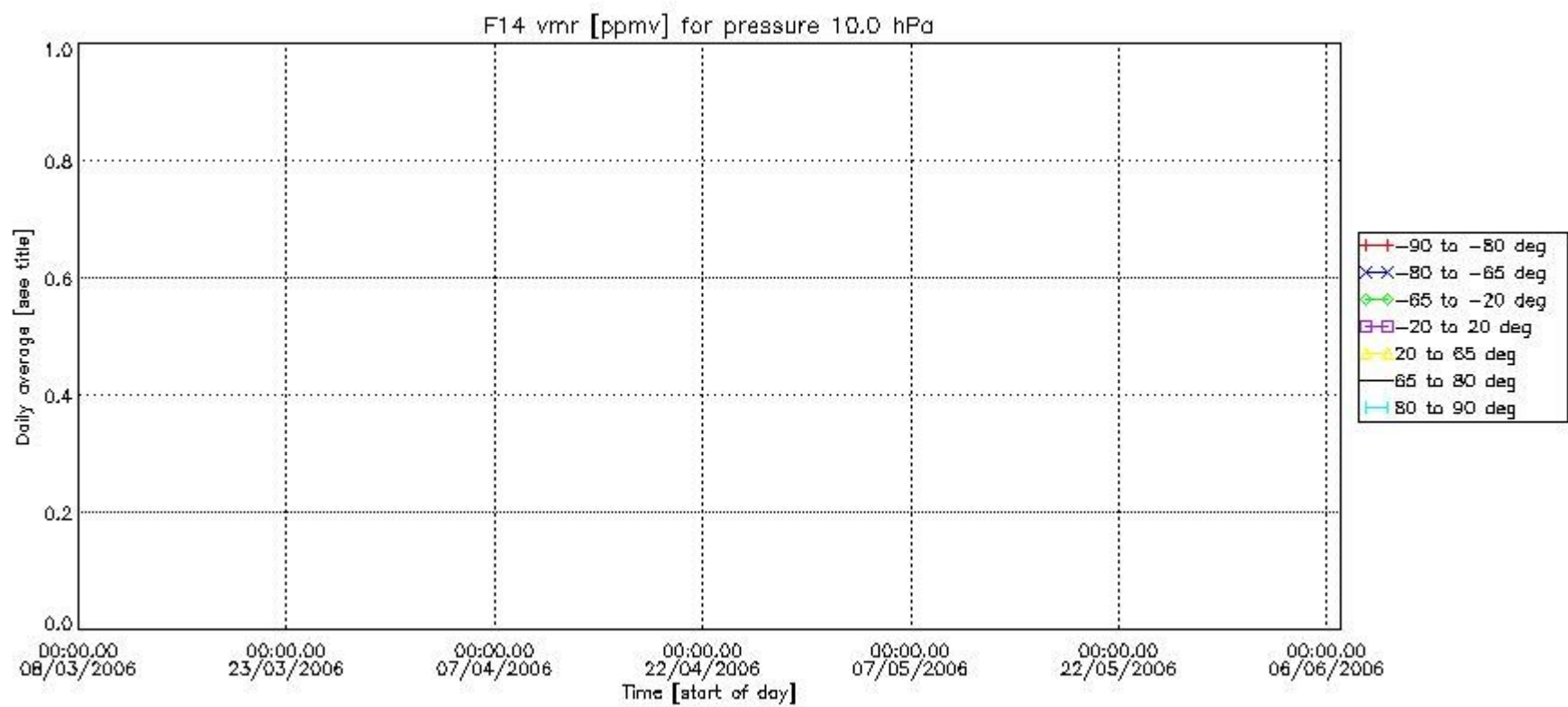
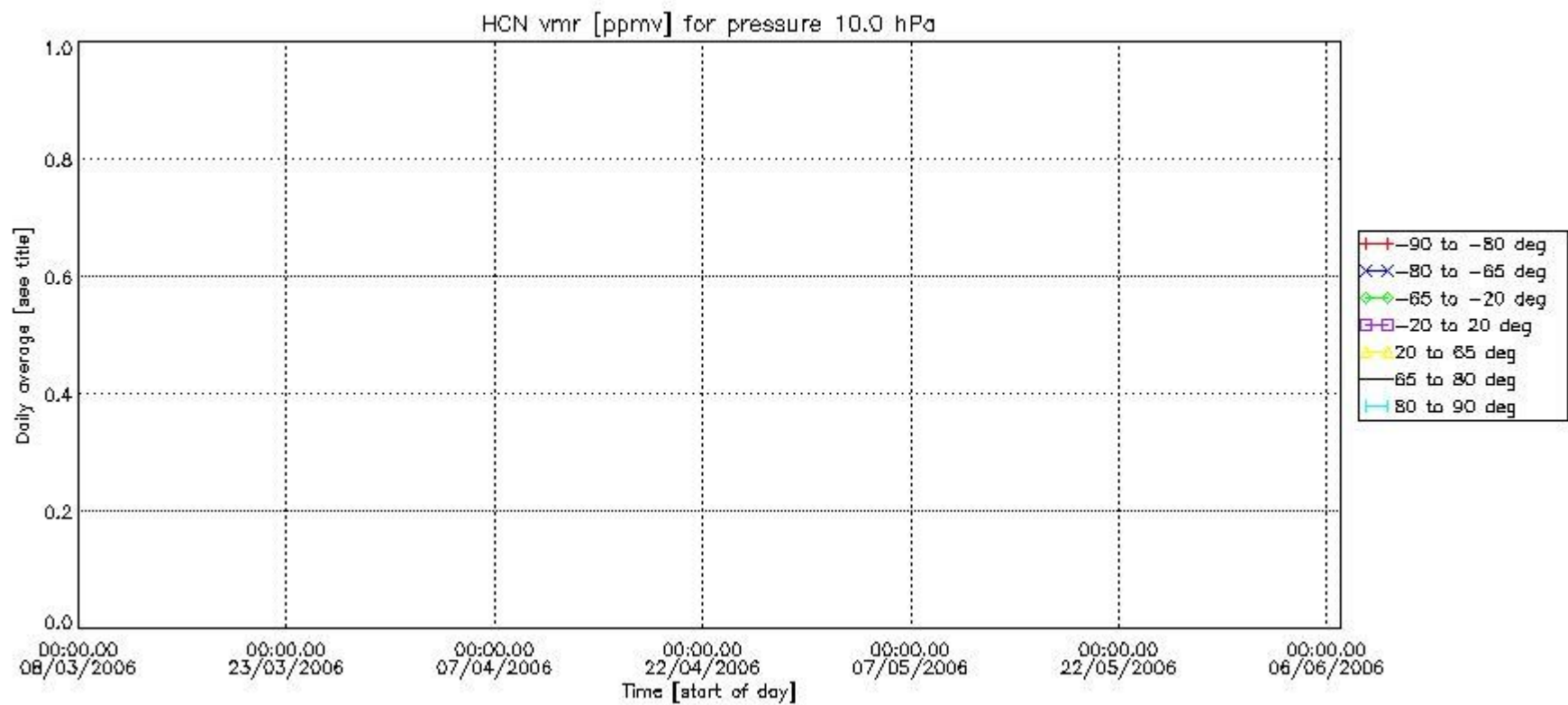


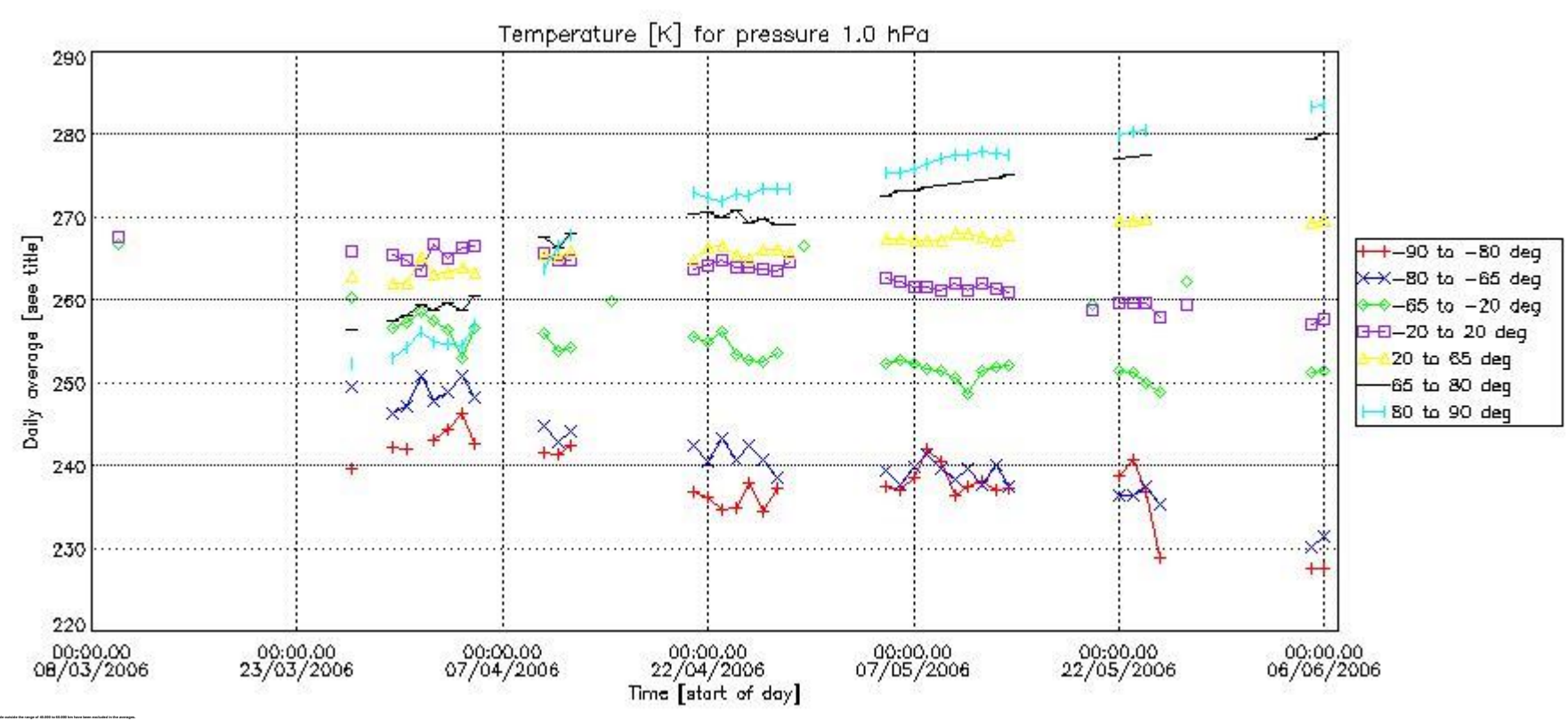
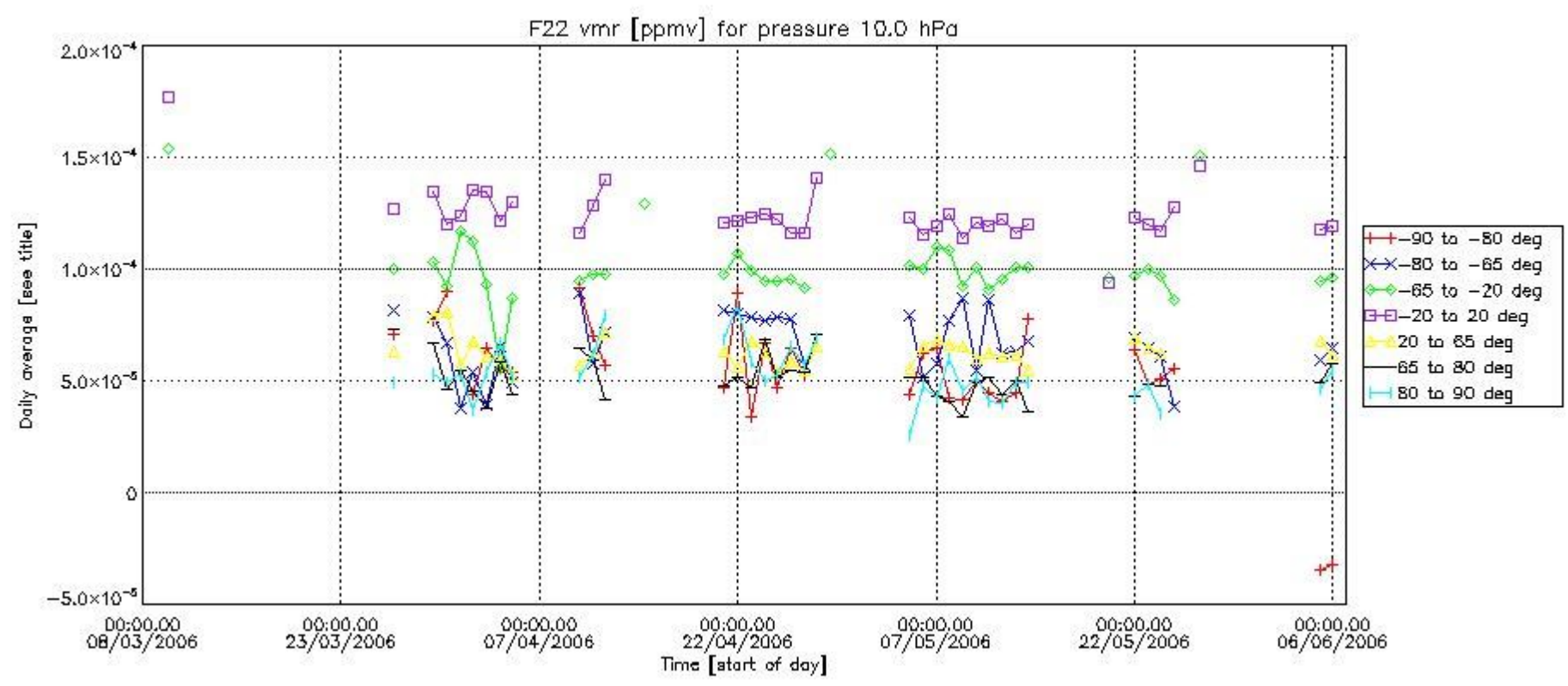


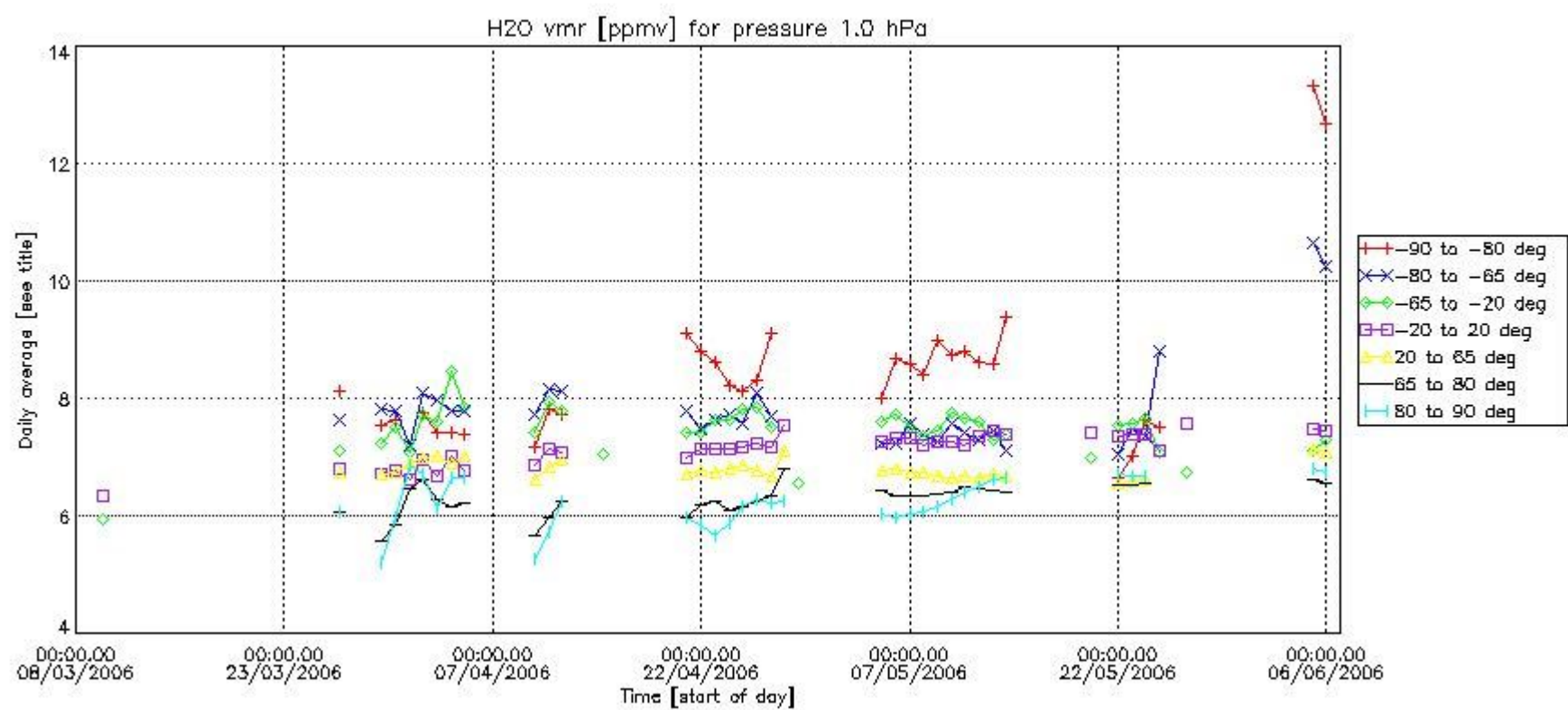
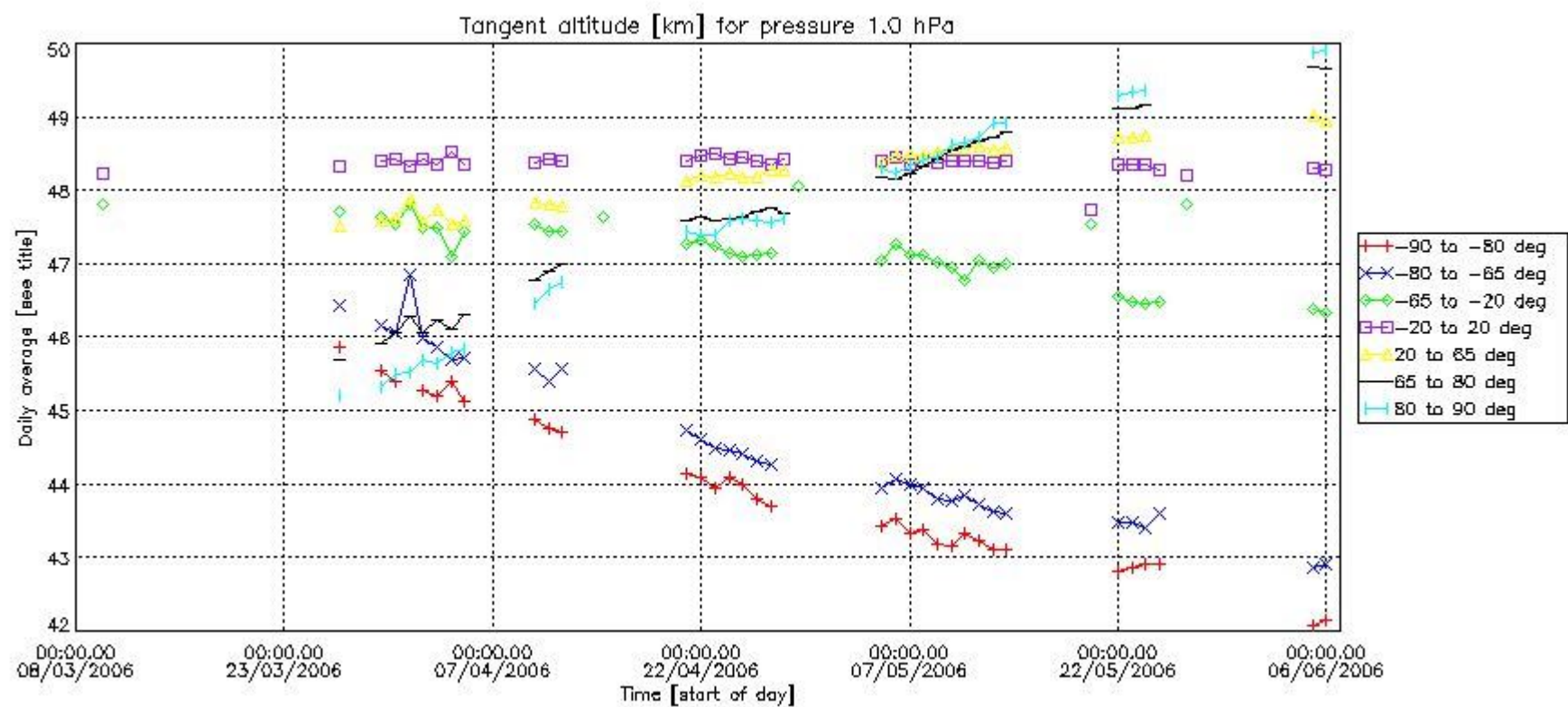


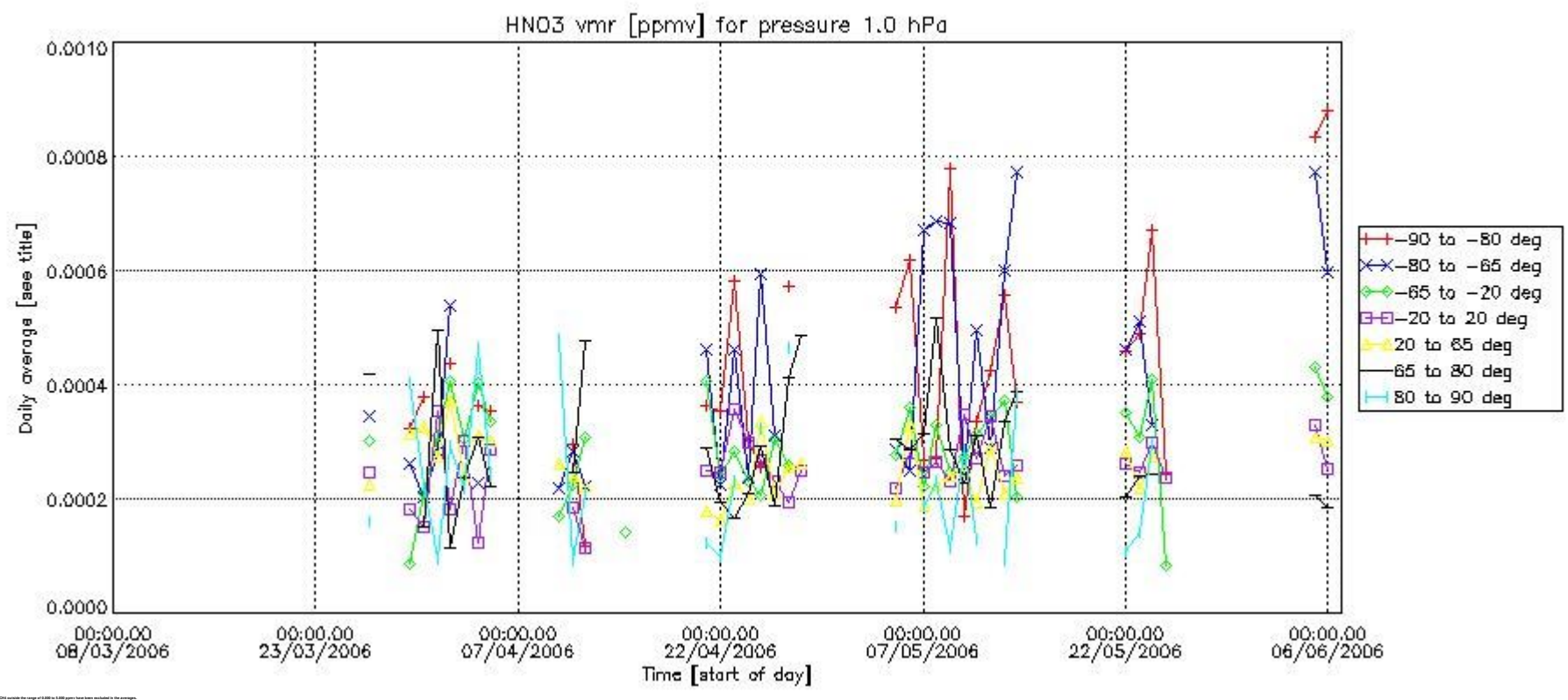
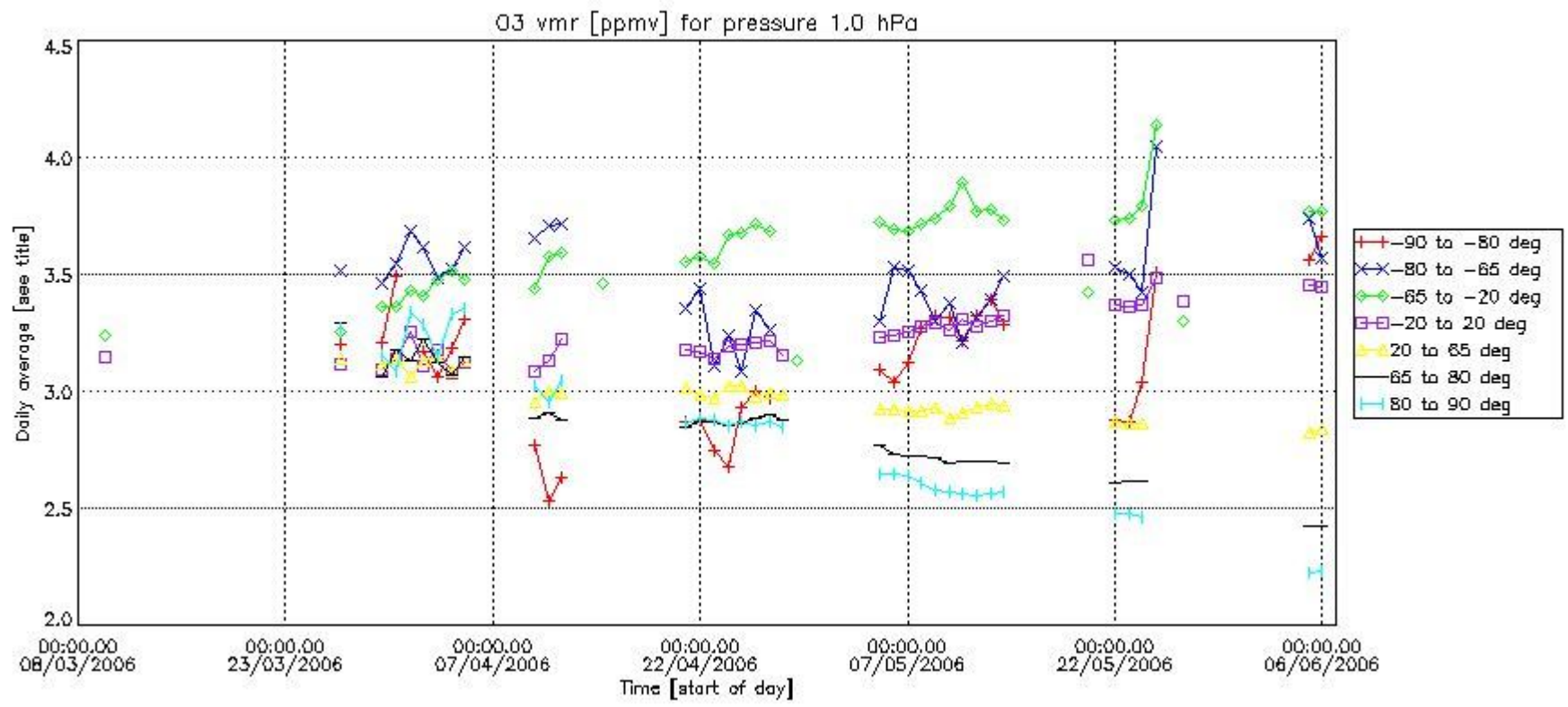


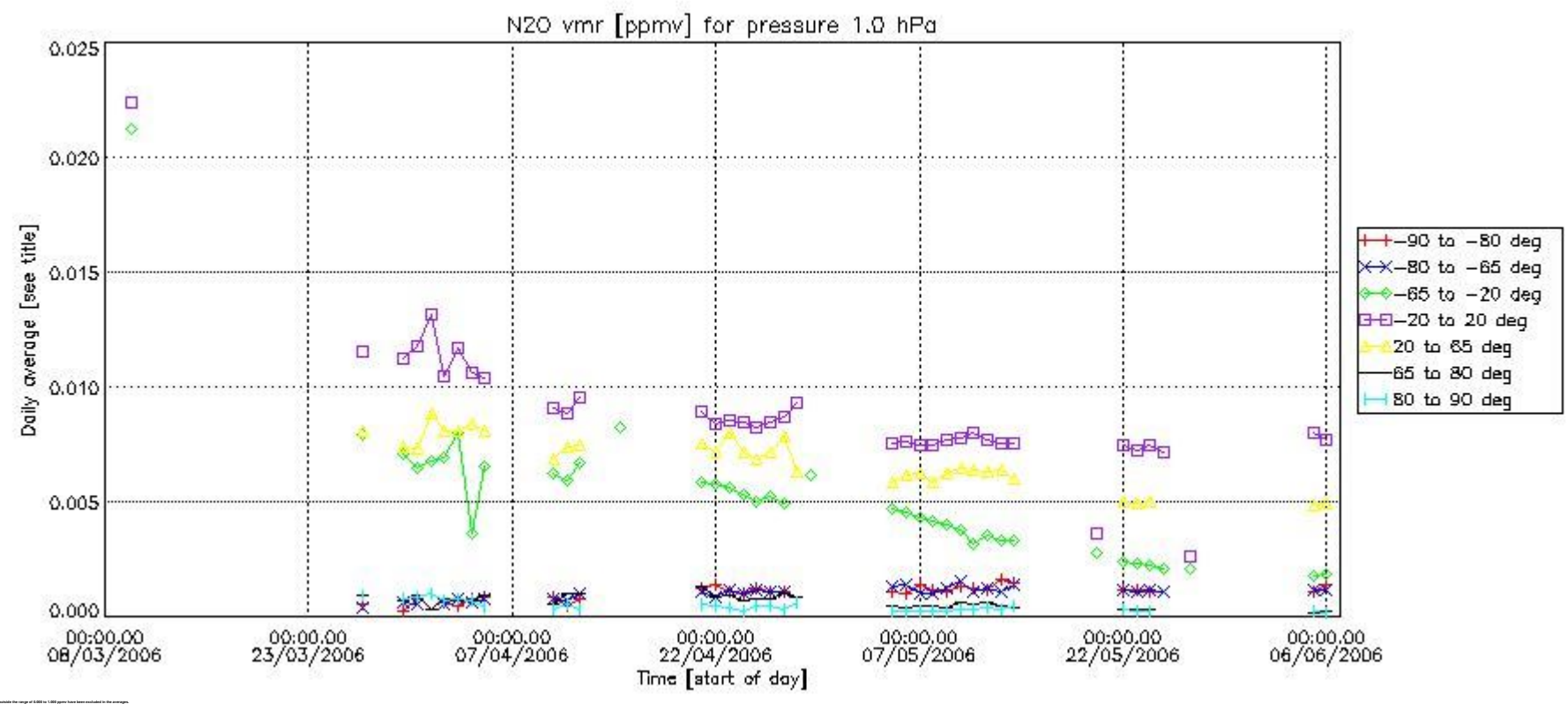
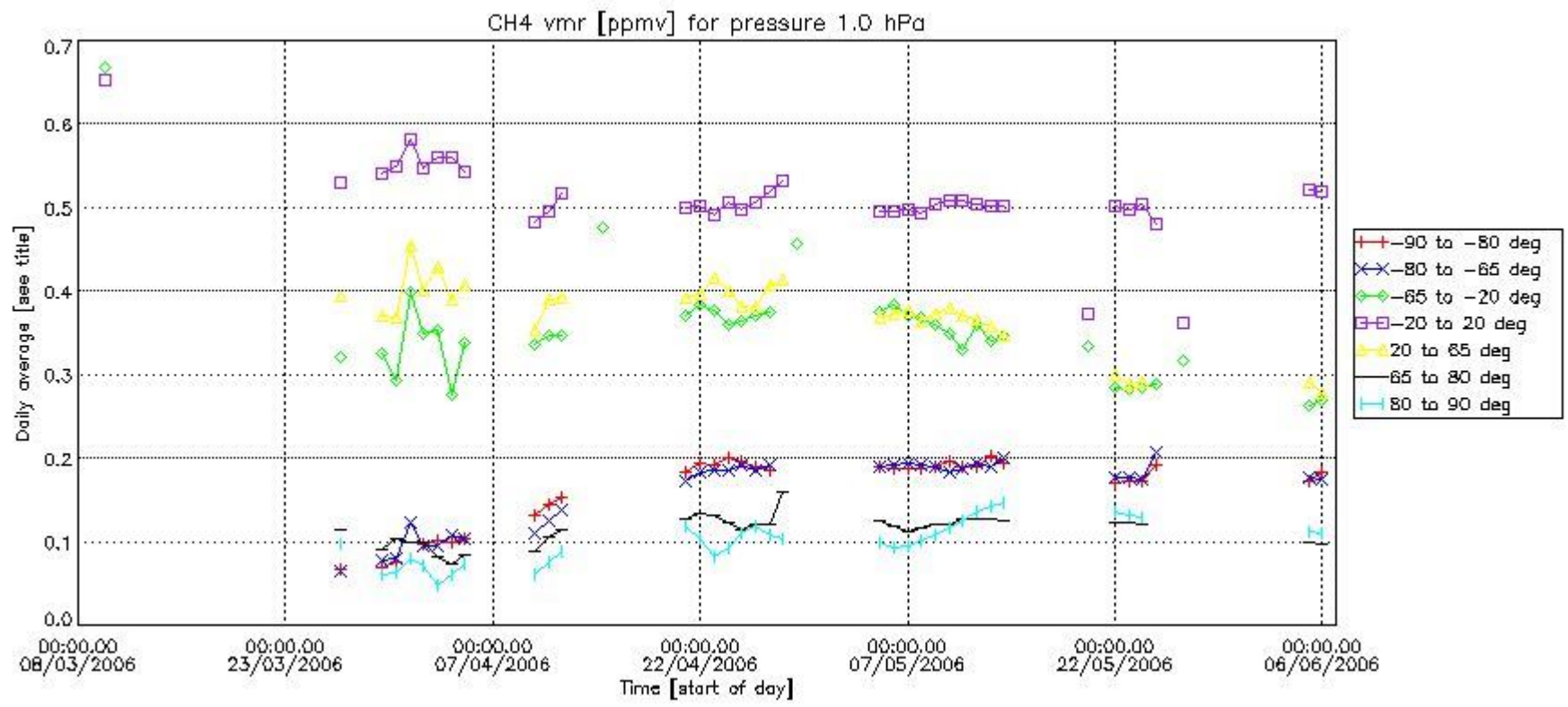


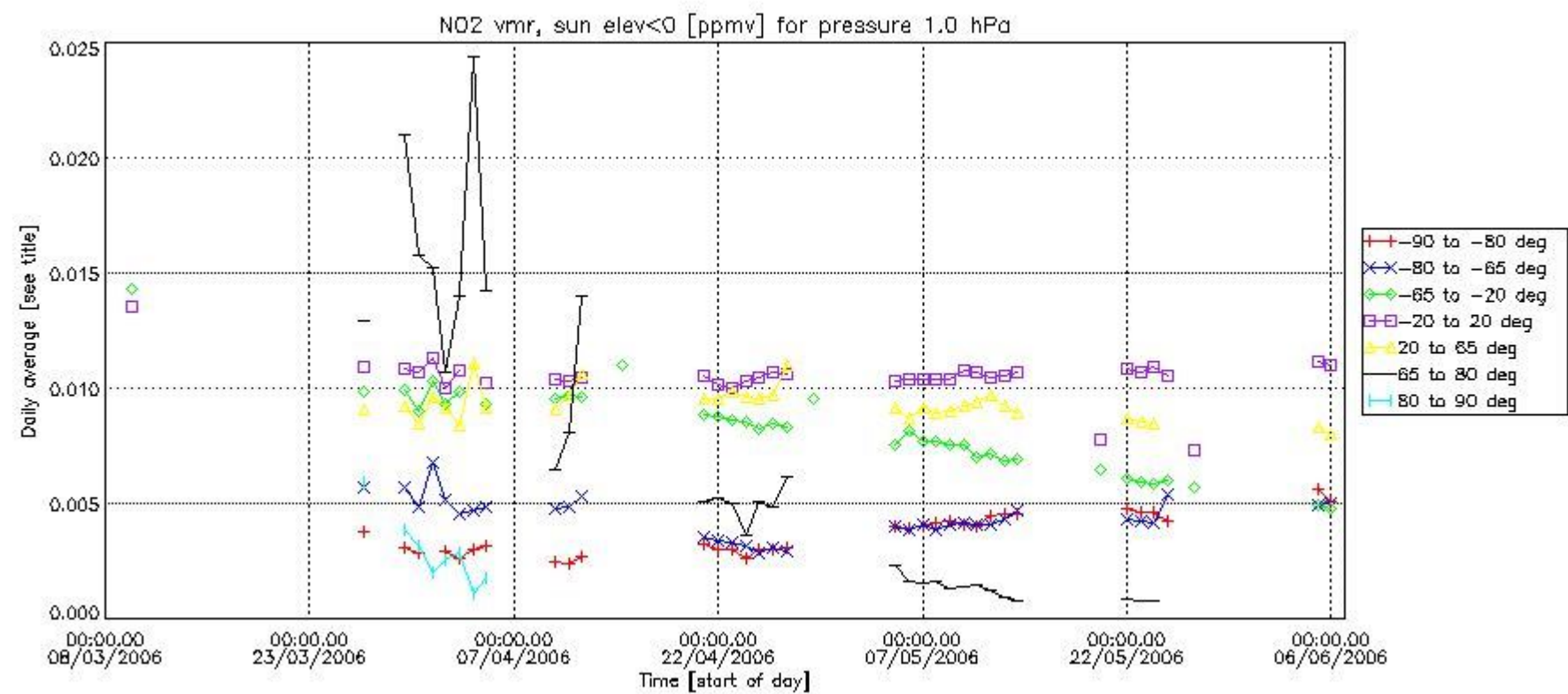
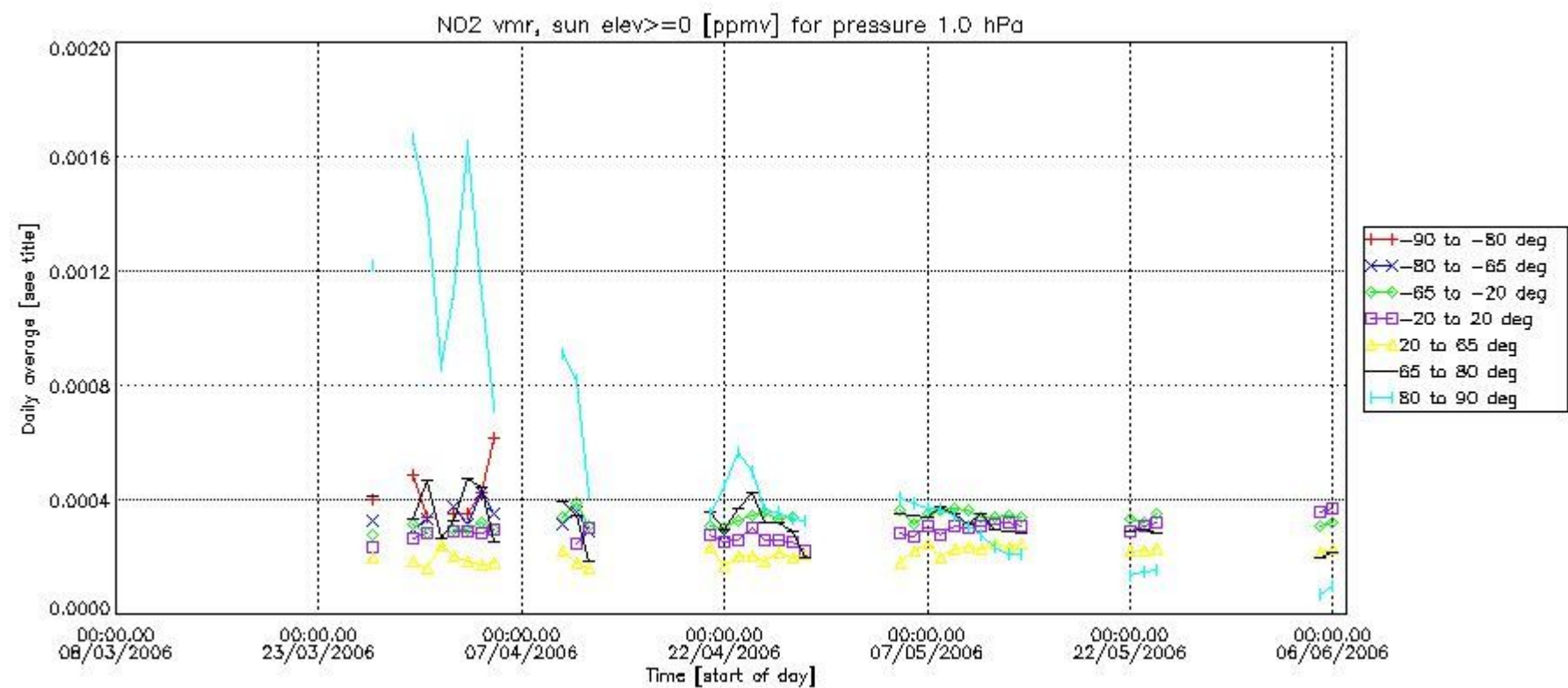


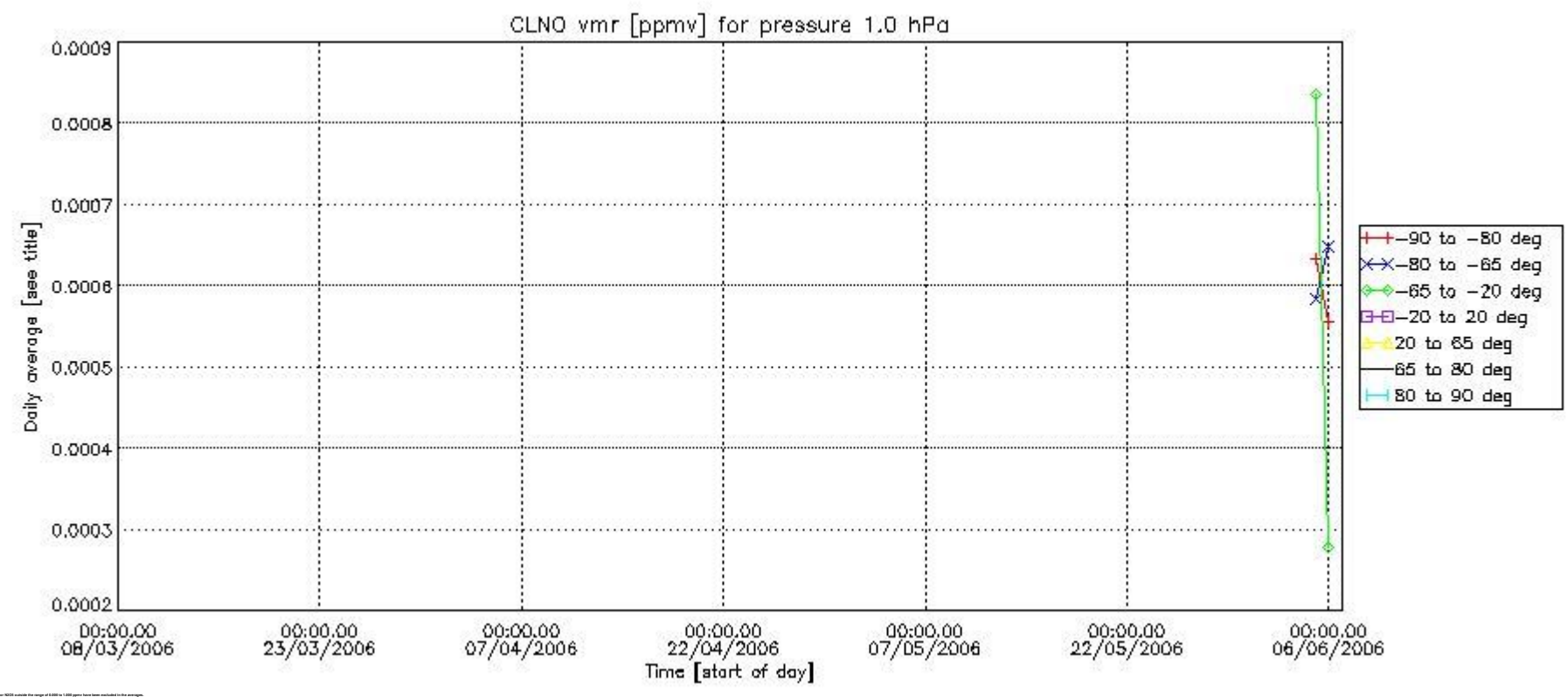
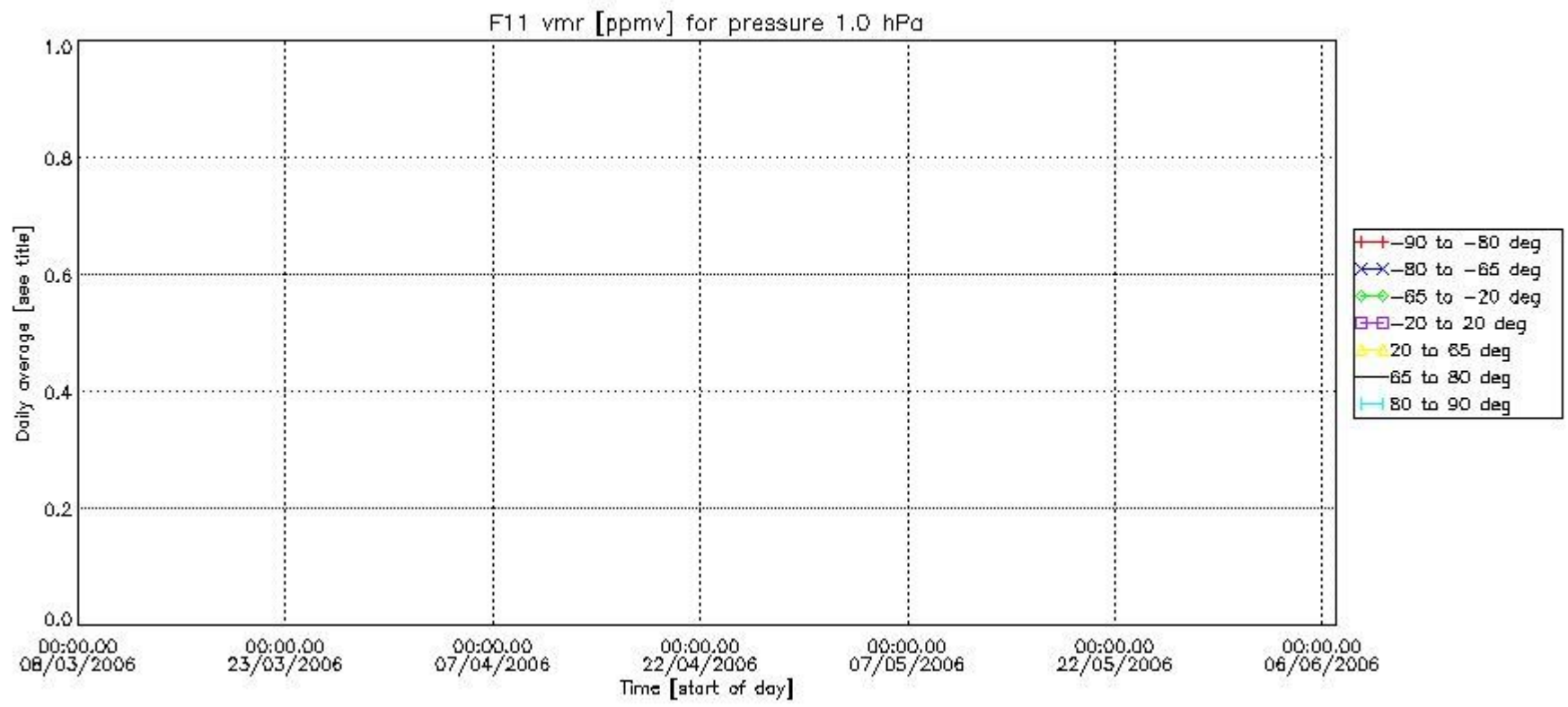


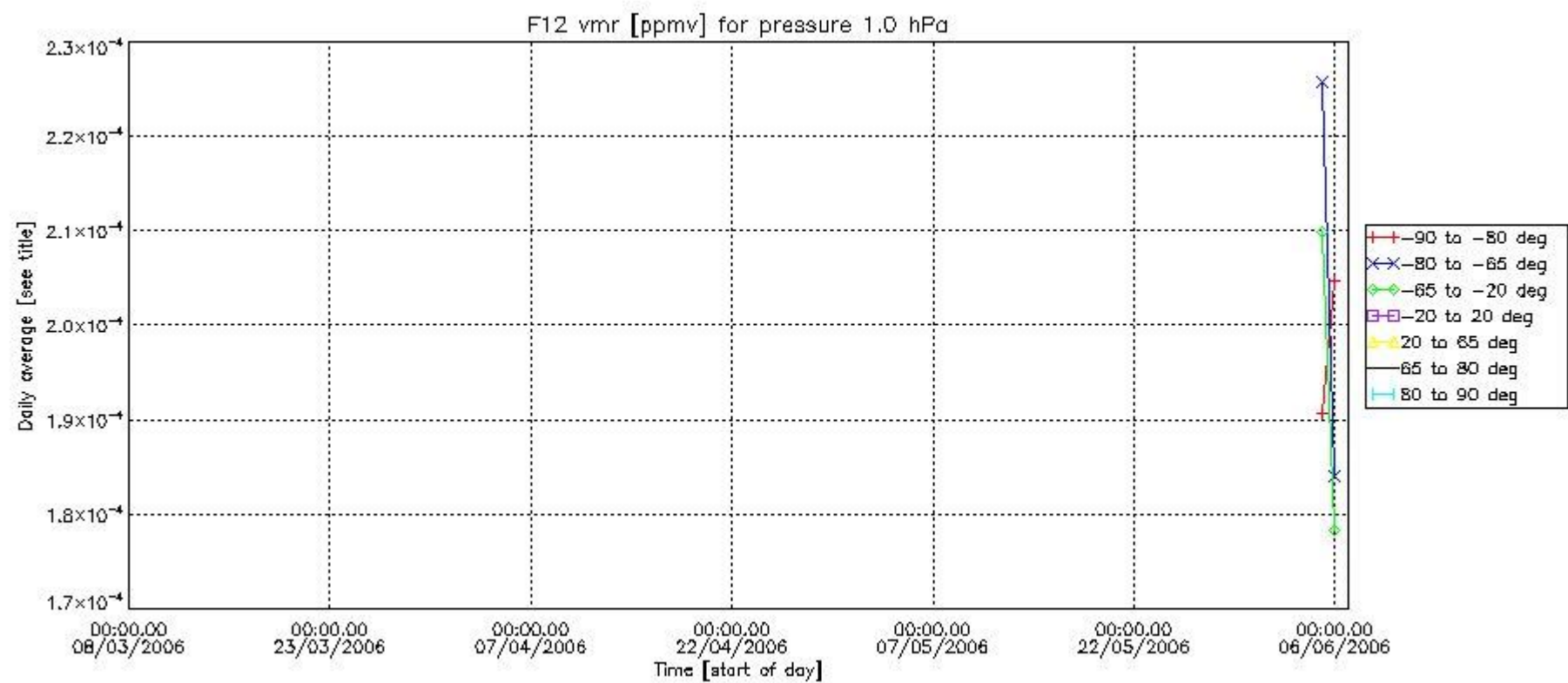
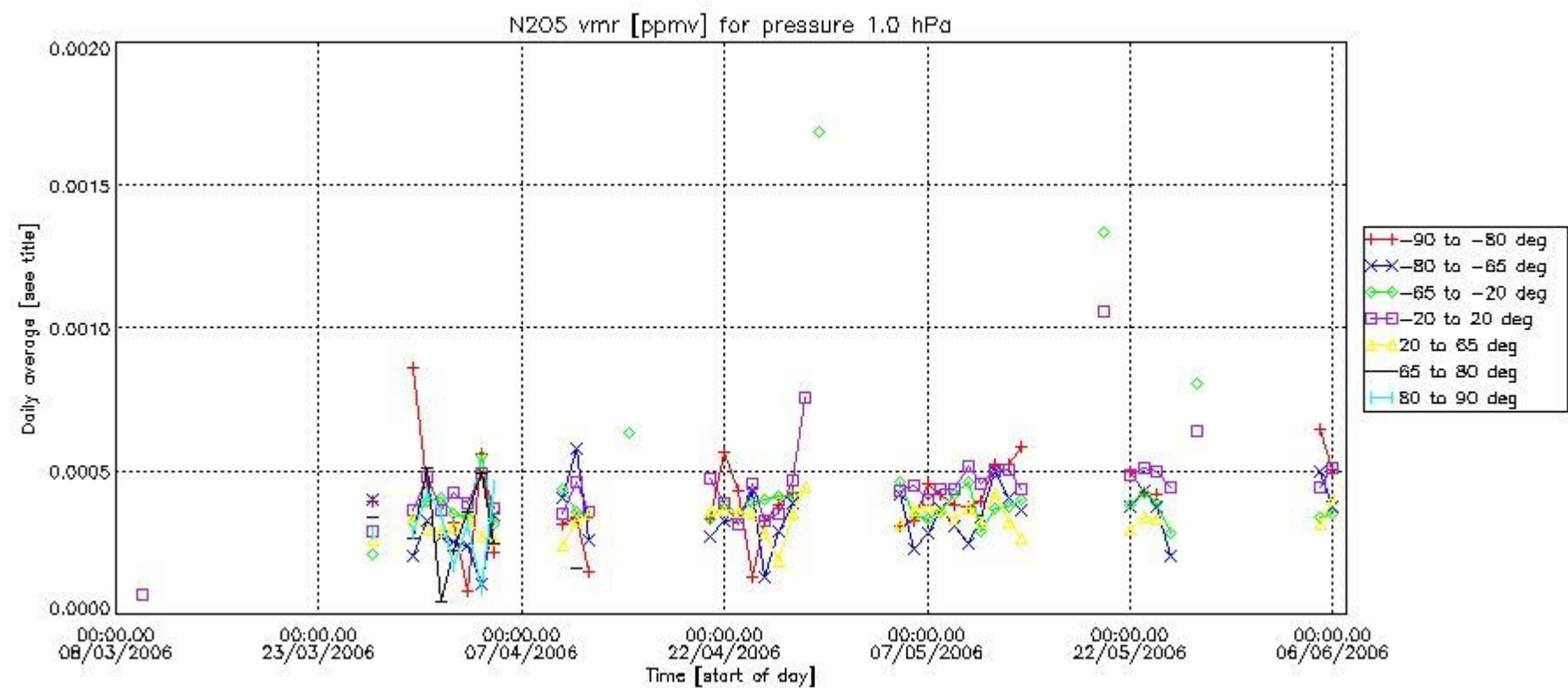


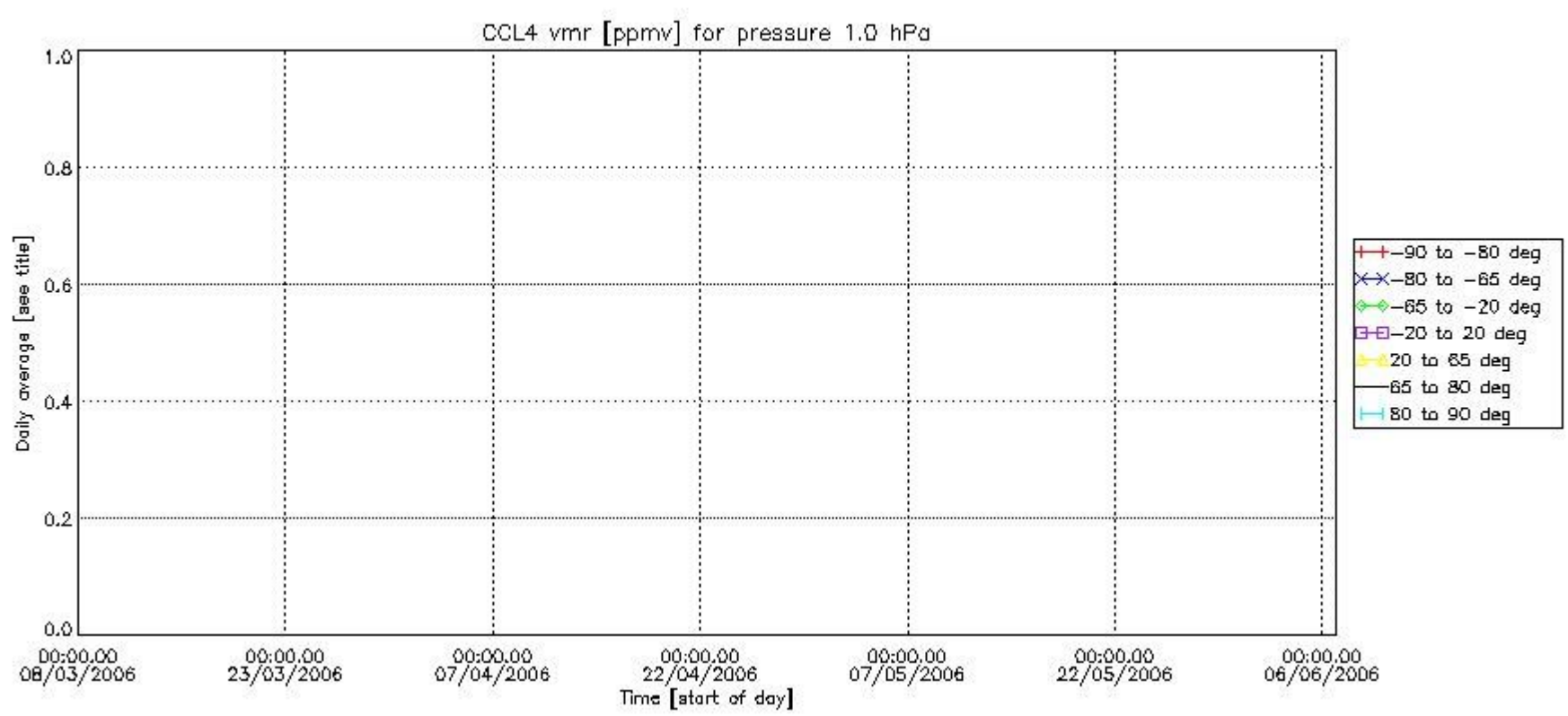
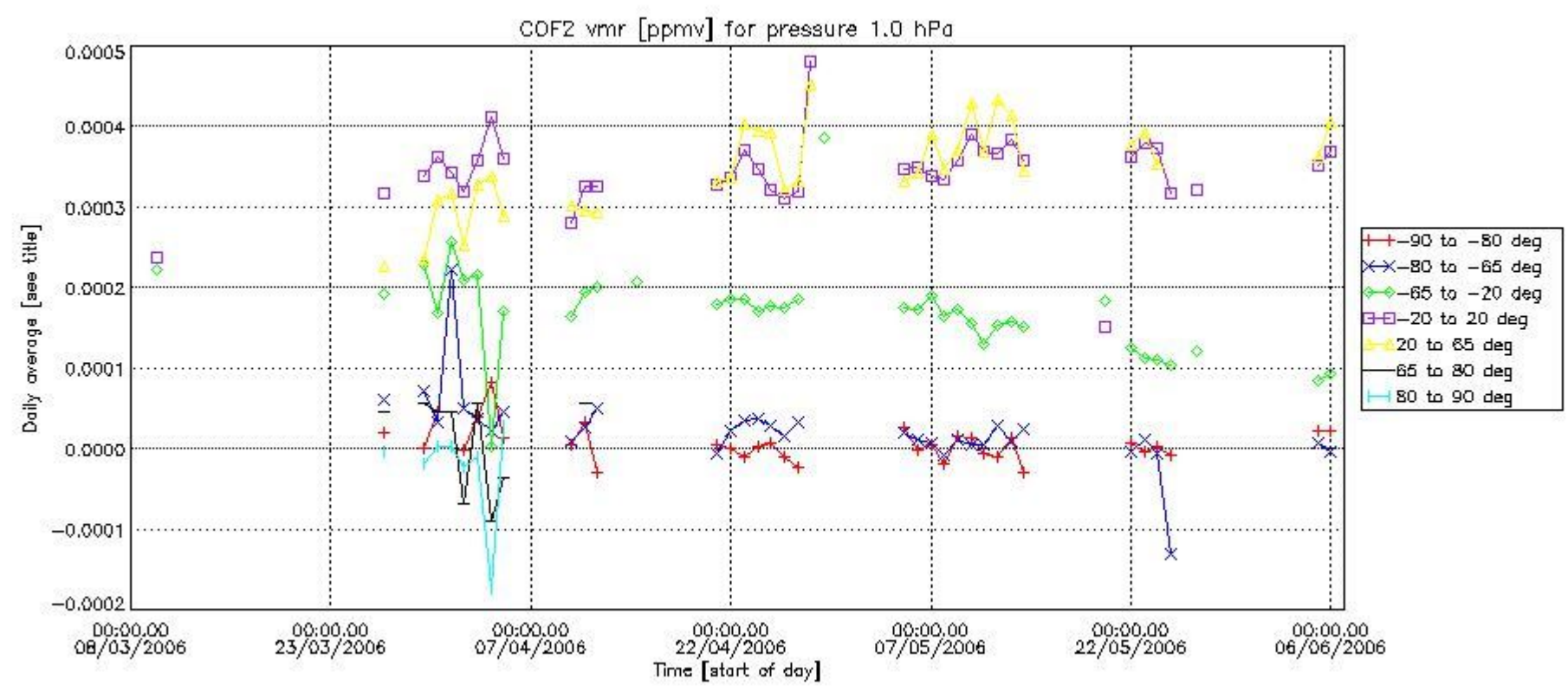


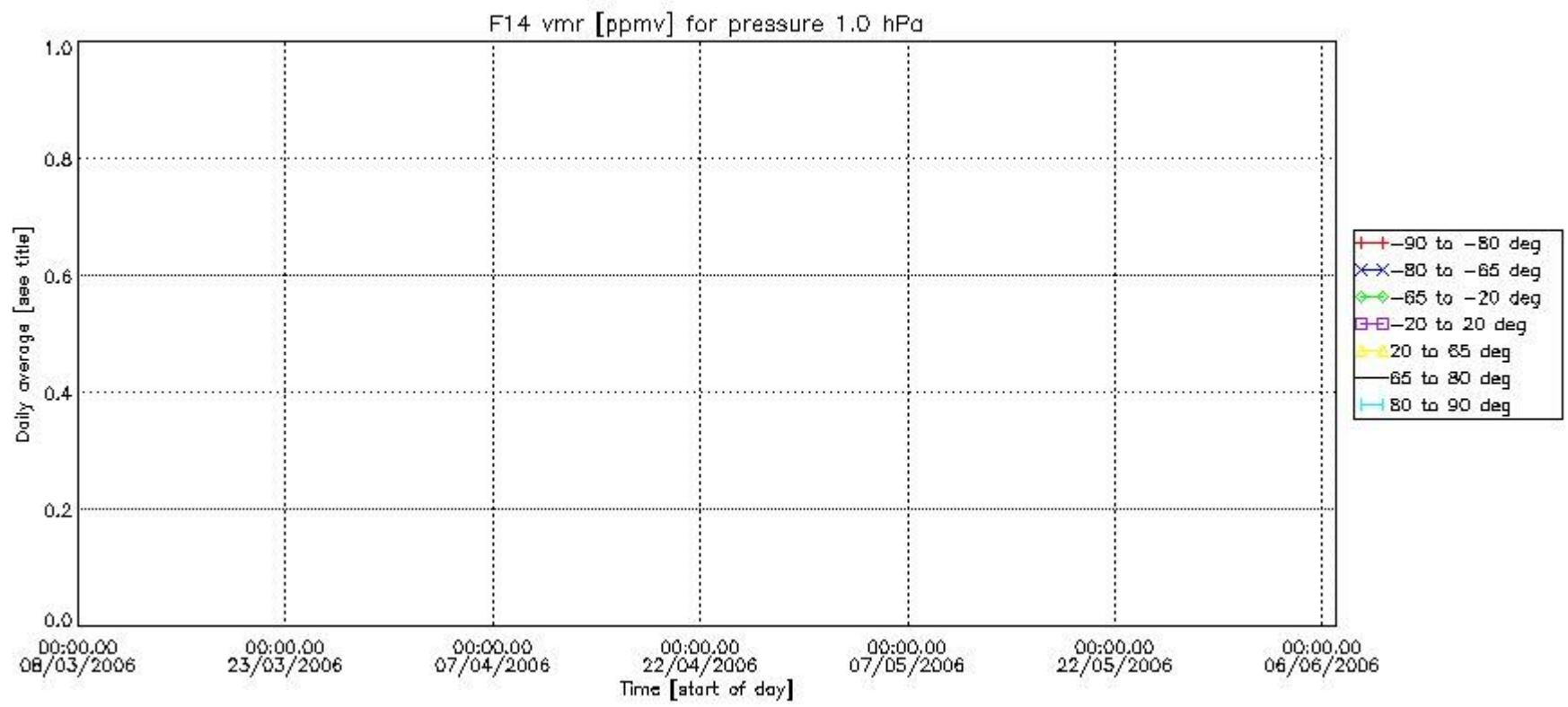
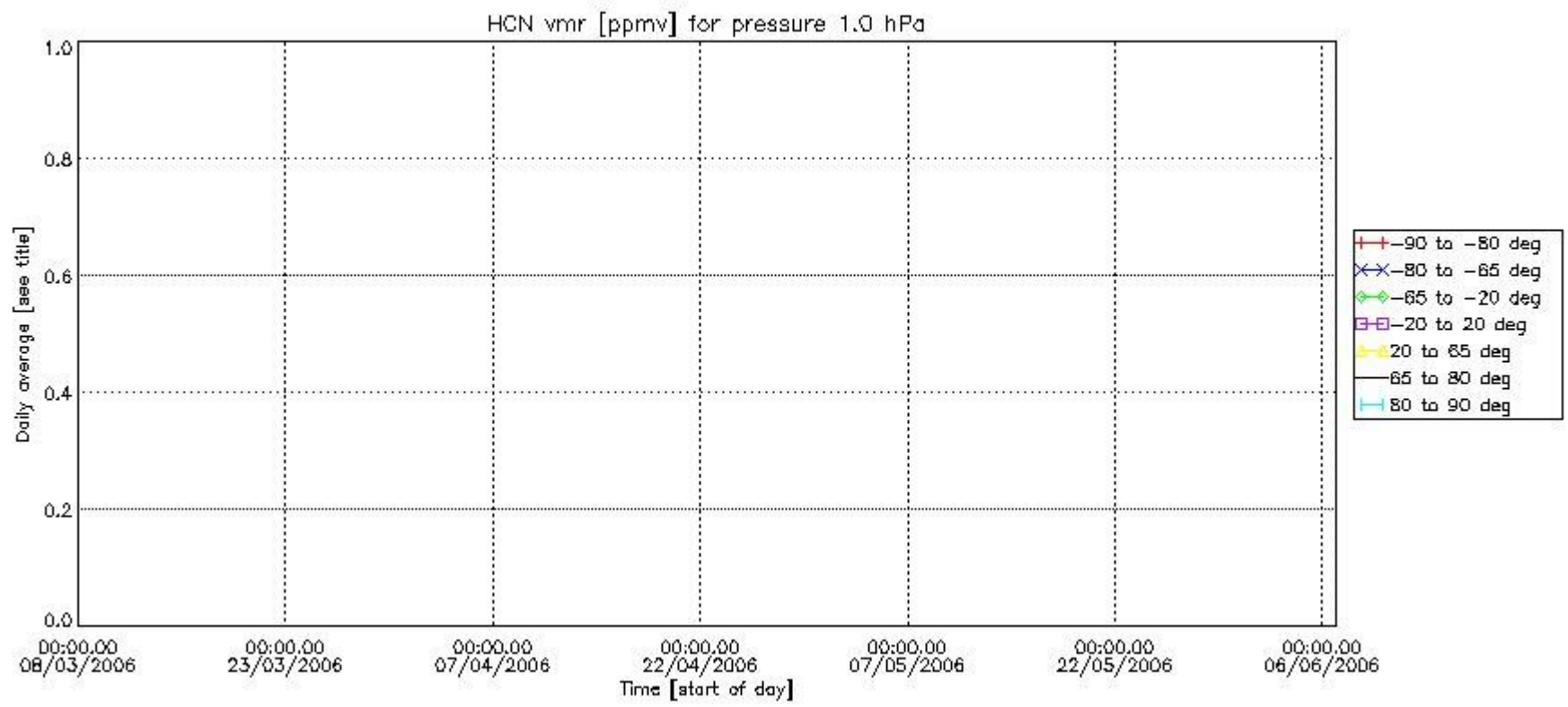


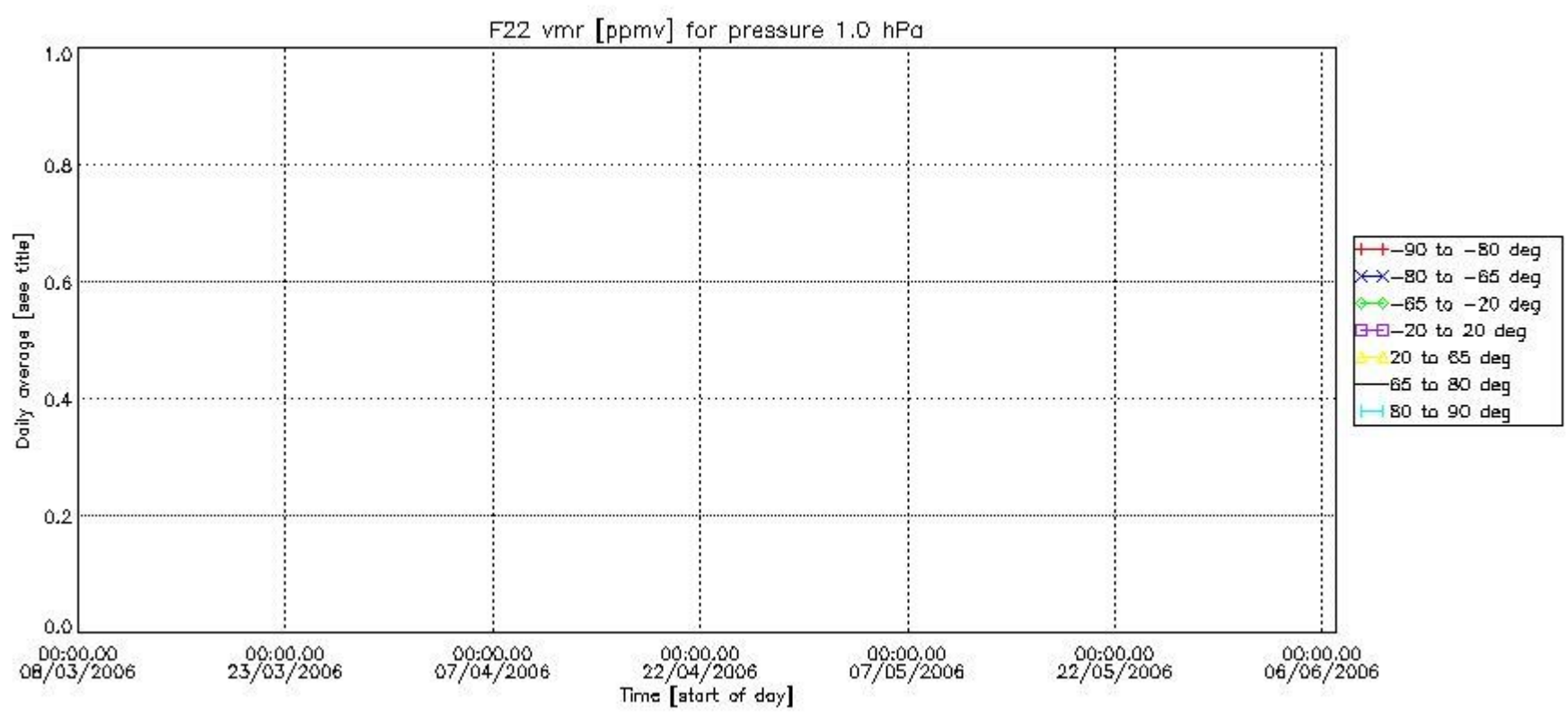












Number of successful retrievals vs. geolocation (*=day side , triangle=night side).

