

2. MIPAS Daily Report for level 2 products summary report

(See [mipas_daily_report_level2_ML2PP_7_03_W_20070116.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 09:53:55
Data source version	ML2PP/7.03-W
Processing scope for products	16JAN2007 00:00:00 to 17JAN2007 00:00:00
Start time of first product within scope	16JAN2007 13:29:15
Stop time of last product within scope	17JAN2007 01:09:26
Total number of level 2 products	7
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_2PWDSI20070116_132915_000057712054_00411_25515_1000.N1	16JAN2007 13:29:15	16JAN2007 15:05:26	0	127/127	VMR_TERM_MACRO_MICRO[F14/macro:1; F14/micro:1]
1	MIP_NL_2PWDSI20070116_150616_000060352054_00412_25516_1000.N1	16JAN2007 15:06:16	16JAN2007 16:46:51	0	133/133	VMR_TERM_MACRO_MICRO[HCN/macro:1; HCN/micro:2]
2	MIP_NL_2PWDSI20070116_164657_000060012054_00413_25517_1000.N1	16JAN2007 16:46:57	16JAN2007 18:26:58	0	127/127	VMR_TERM_MACRO_MICRO[F14/macro:1]
3	MIP_NL_2PWDSI20070116_182704_000060352054_00414_25518_1000.N1	16JAN2007 18:27:04	16JAN2007 20:07:39	0	133/133	VMR_TERM_MACRO_MICRO[HCN/macro:1; HCN/micro:4]
4	MIP_NL_2PWDSI20070116_200745_000059912054_00415_25519_1000.N1	16JAN2007 20:07:45	16JAN2007 21:47:36	0	132/132	VMR_TERM_MACRO_MICRO[HCN/micro:2]
5	MIP_NL_2PWDSI20070116_214811_000060342054_00416_25520_1000.N1	16JAN2007 21:48:11	16JAN2007 23:28:45	0	129/129	VMR_TERM_MACRO_MICRO[HCN/macro:1; F14/macro:1; HCN/micro:1]
6	MIP_NL_2PWDSI20070116_232852_000060352054_00417_25521_1000.N1	16JAN2007 23:28:52	17JAN2007 01:09:26	0	133/133	VMR_TERM_MACRO_MICRO[HCN/micro:2]

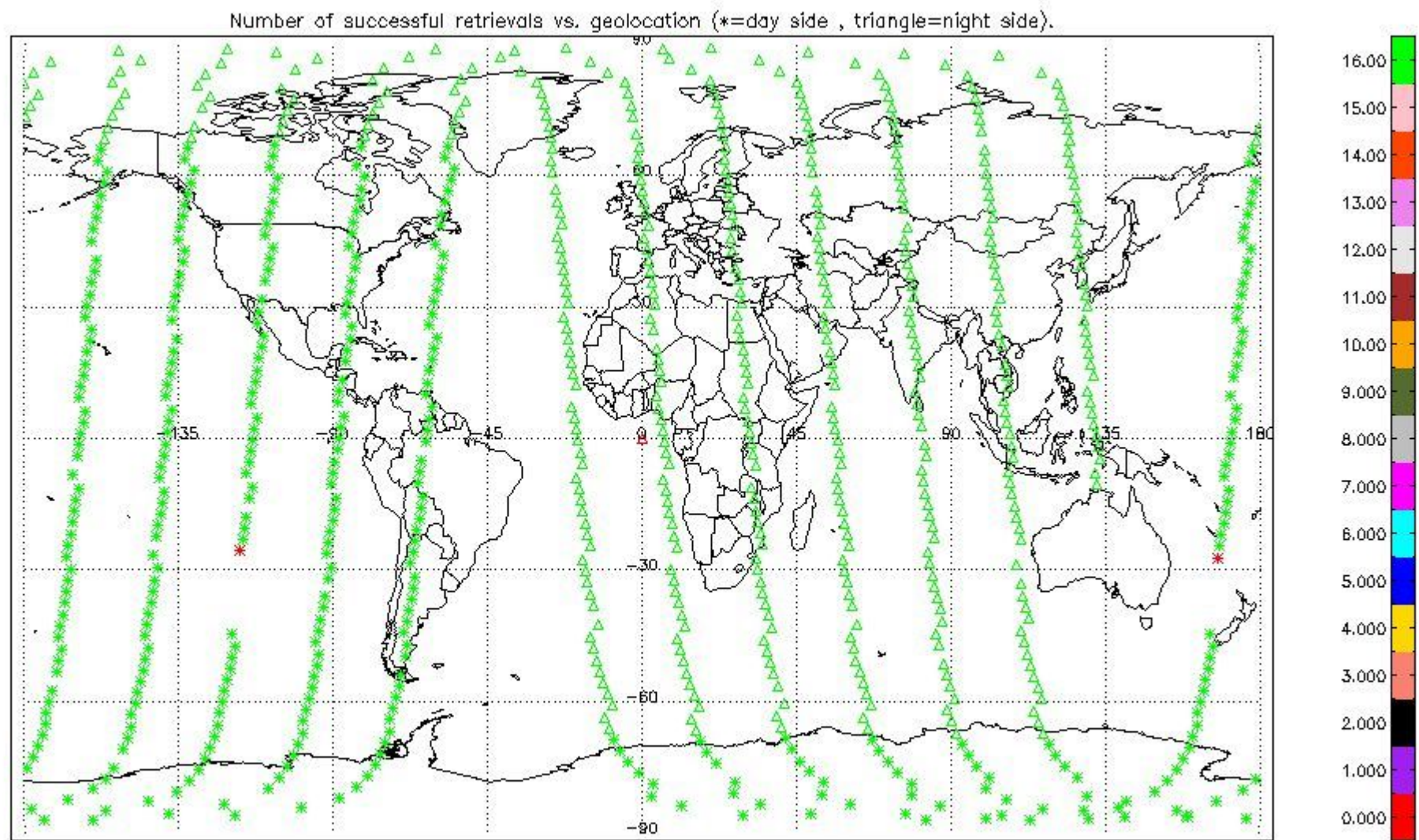
2.2 Processing performance indicators

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.

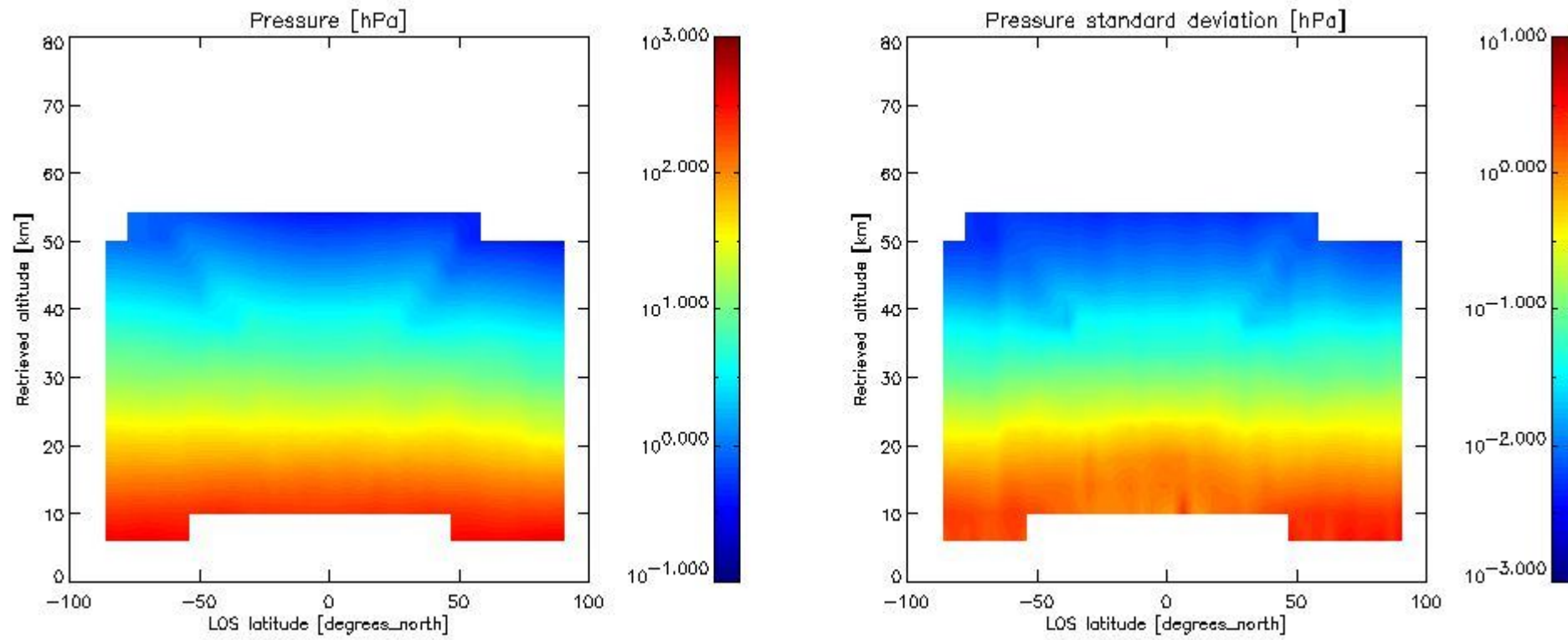
RETRIEVAL MDS	# scans processed	# Successful retrievals	%
PT	914	818	89.497
H2O	914	818	89.497
O3	914	818	89.497

HNO3	914	818	89.497
CH4	914	818	89.497
N2O	914	818	89.497
NO2	914	818	89.497
F11	914	818	89.497
CLNO	914	818	89.497
N2O5	914	818	89.497
F12	914	818	89.497
COF2	914	818	89.497
CCL4	914	818	89.497
HCN	914	818	89.497
F14	914	818	89.497
F22	914	818	89.497



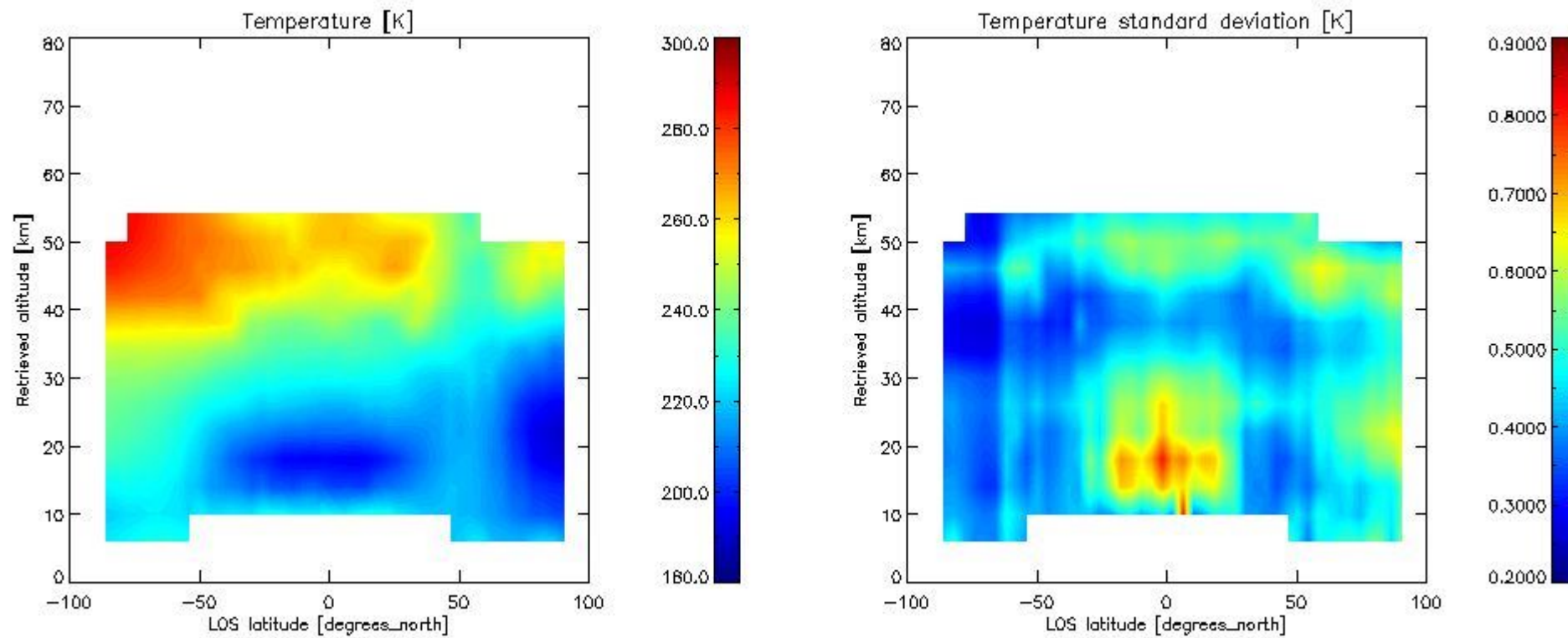
2.2.2 Pressure overview

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



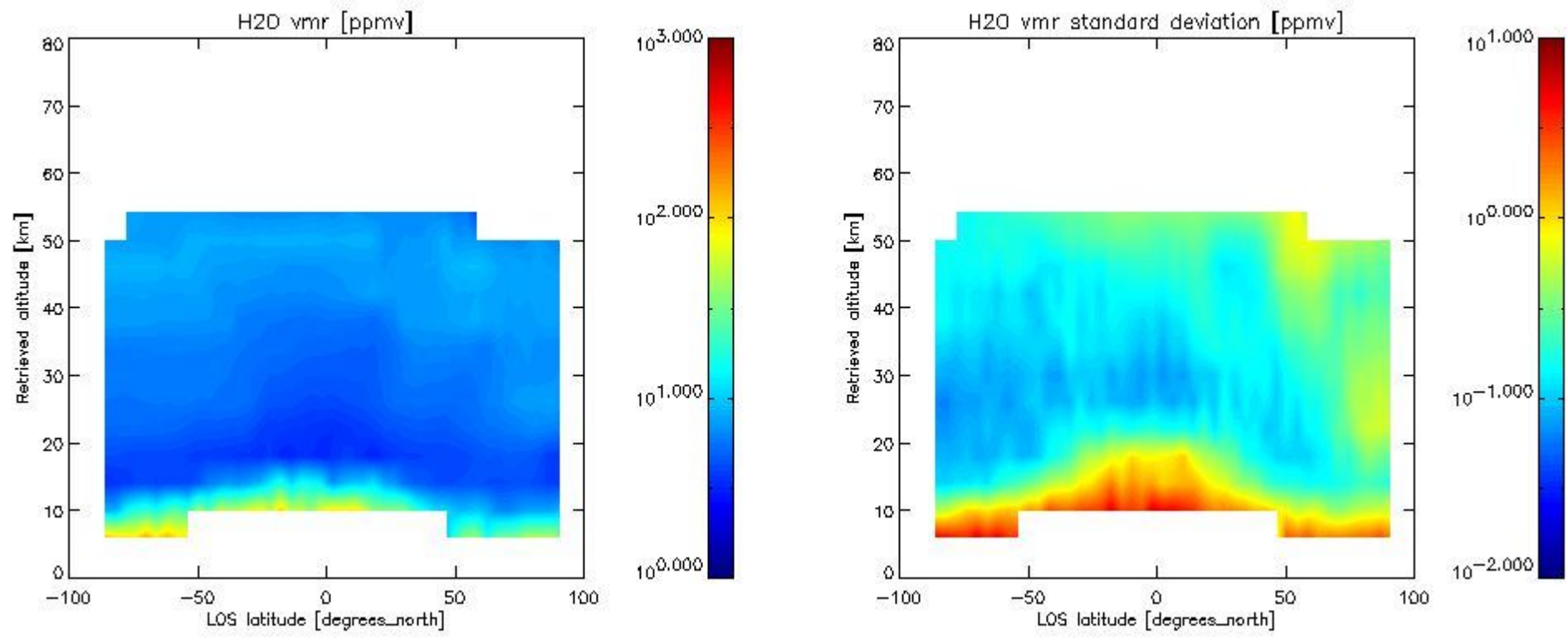
2.2.3 Temperature overview

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

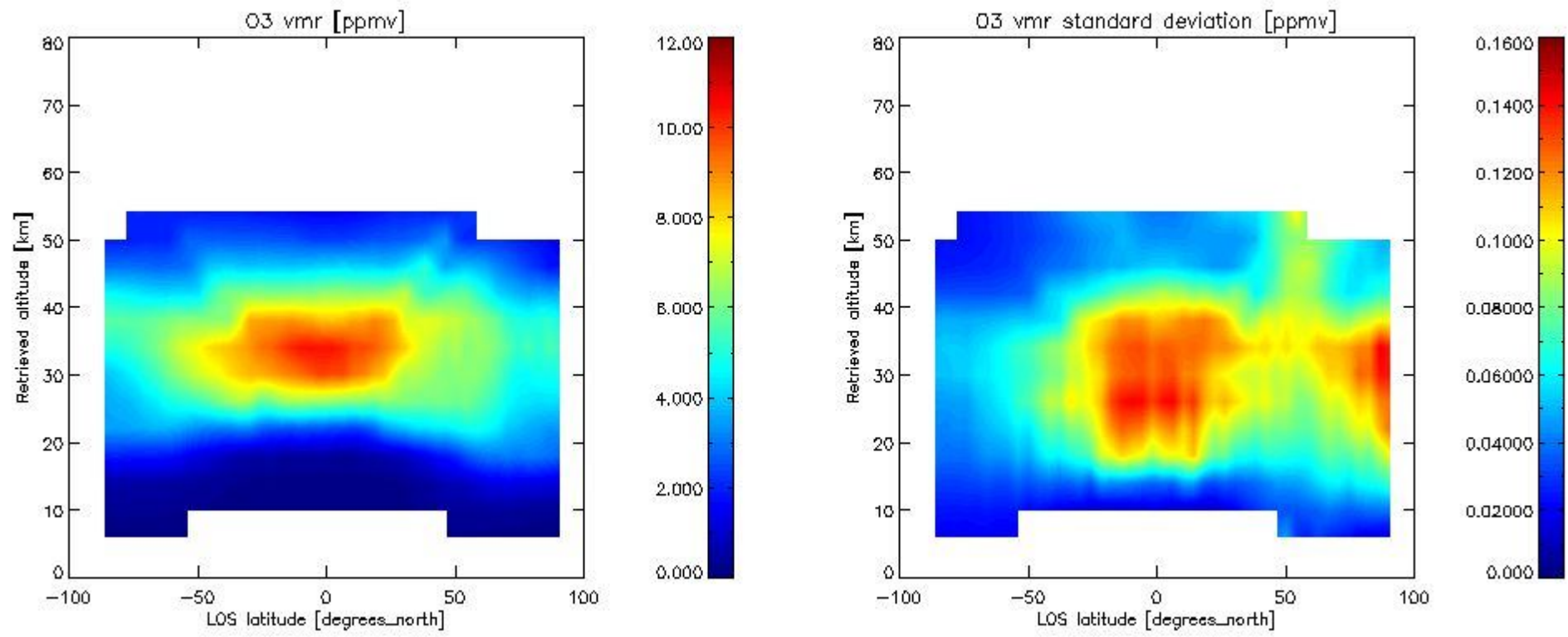


2.2.4 Species overview

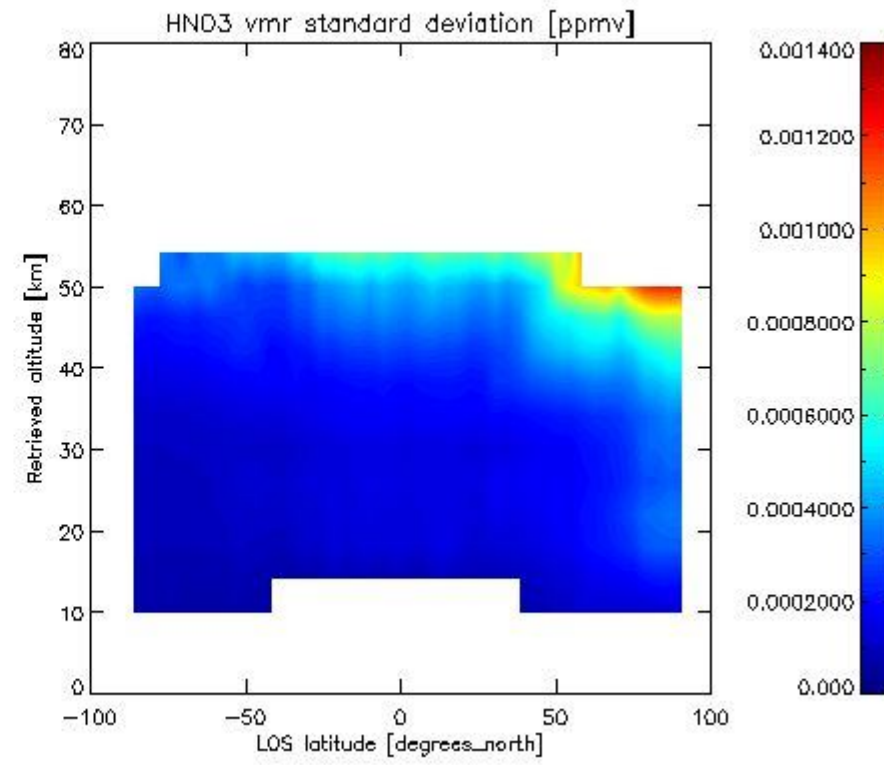
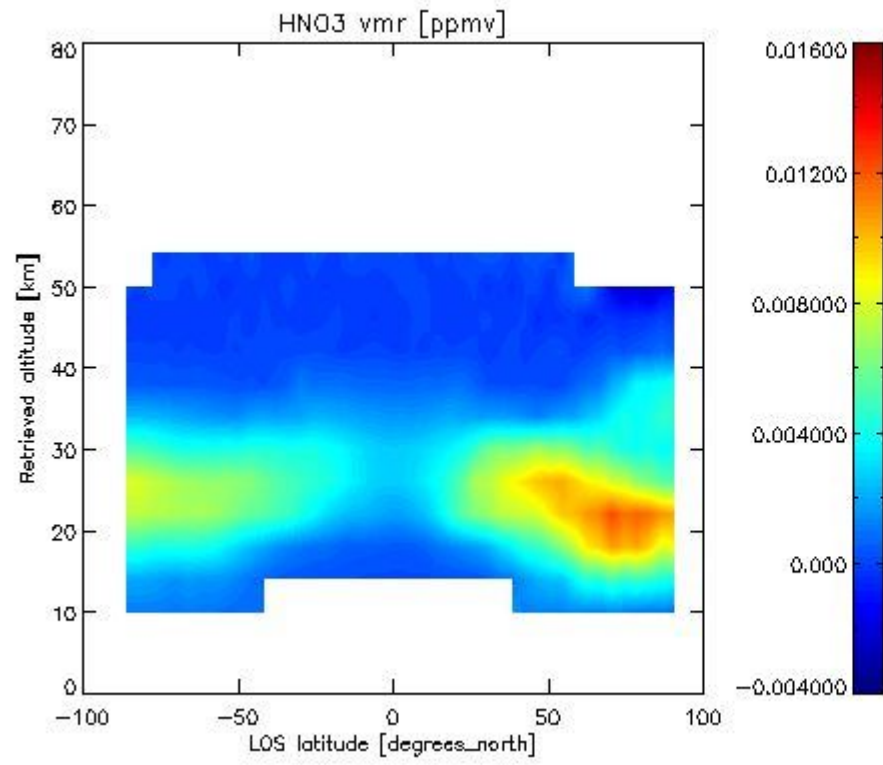
2.2.4.1 H₂O overview This section shows values (left) and error (right) for H₂O after binning individual sweep values over retrieved altitude and tangent latitude.



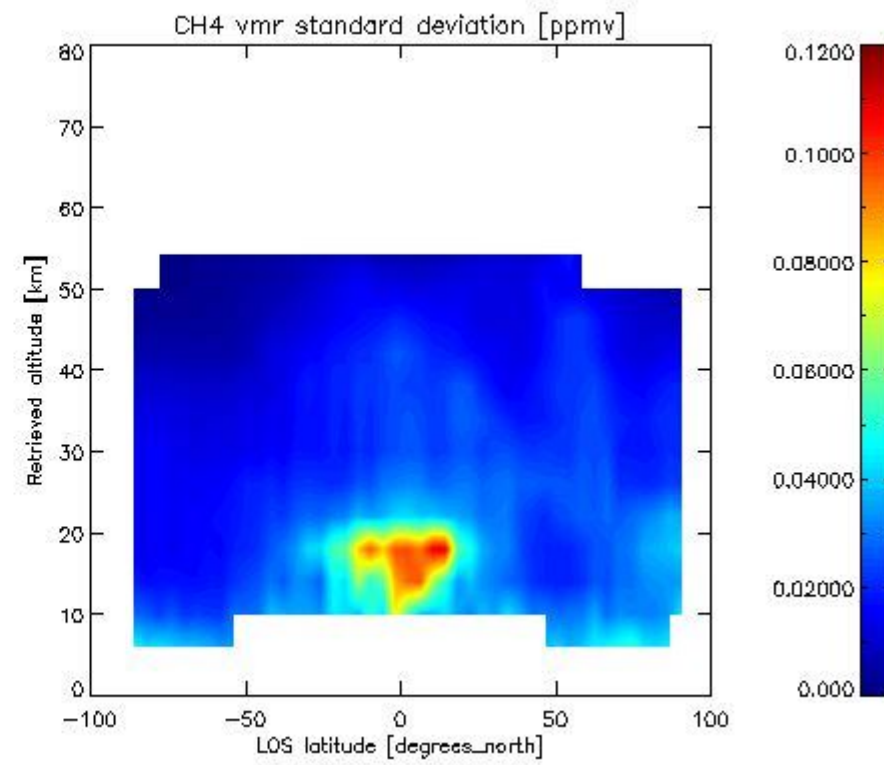
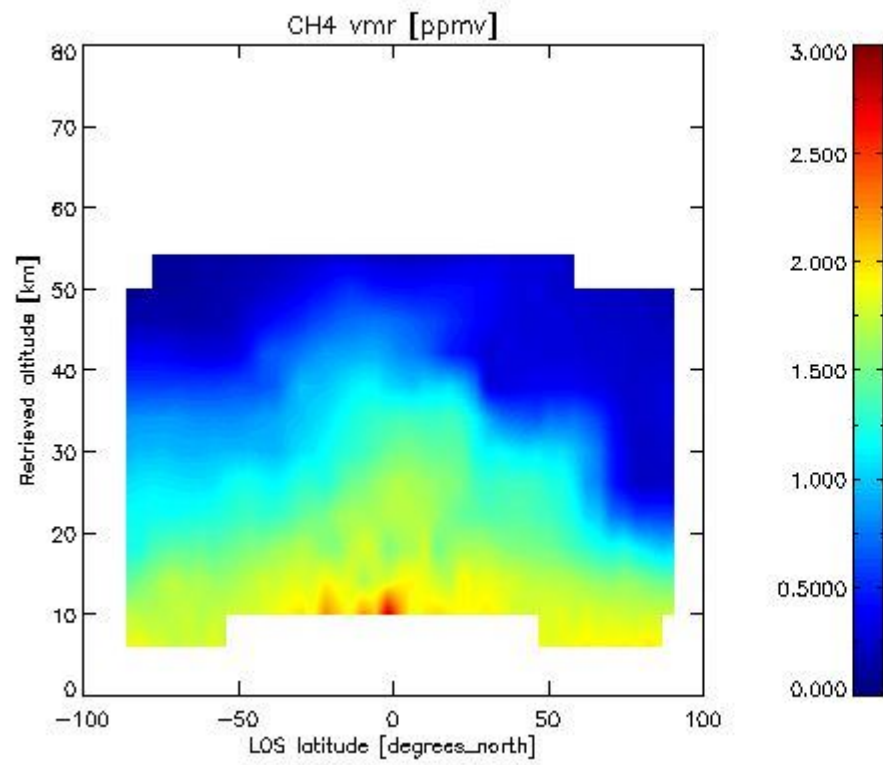
2.2.4.2 O3 overview This section shows values (left) and error (right) for O3 after binning individual sweep values over retrieved altitude and tangent latitude.



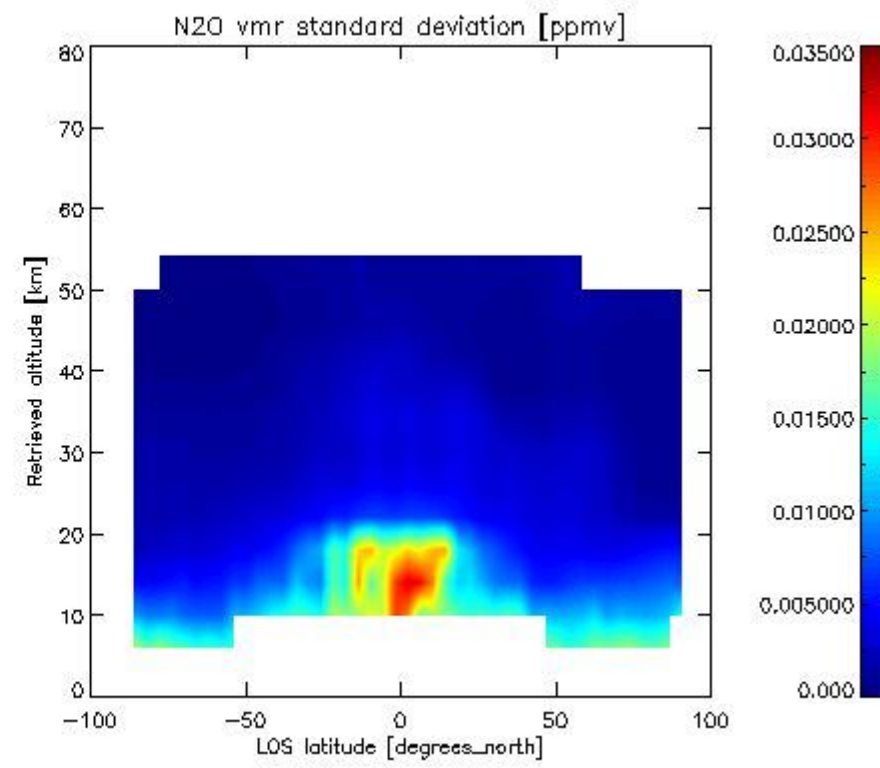
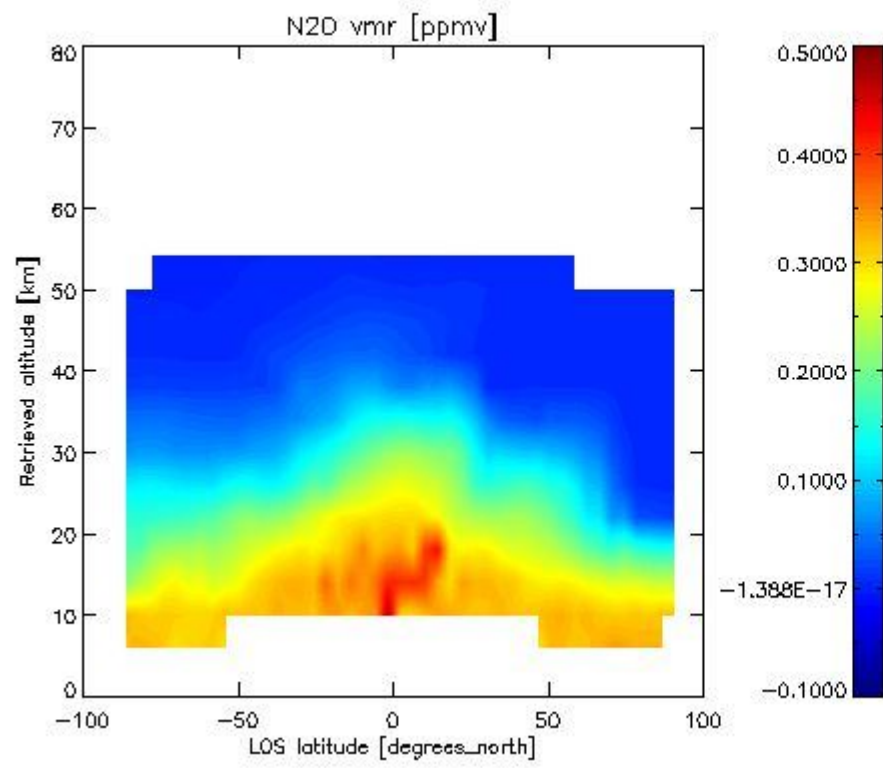
2.2.4.3 HNO3 overview This section shows values (left) and error (right) for HNO3 after binning individual sweep values over retrieved altitude and tangent latitude.



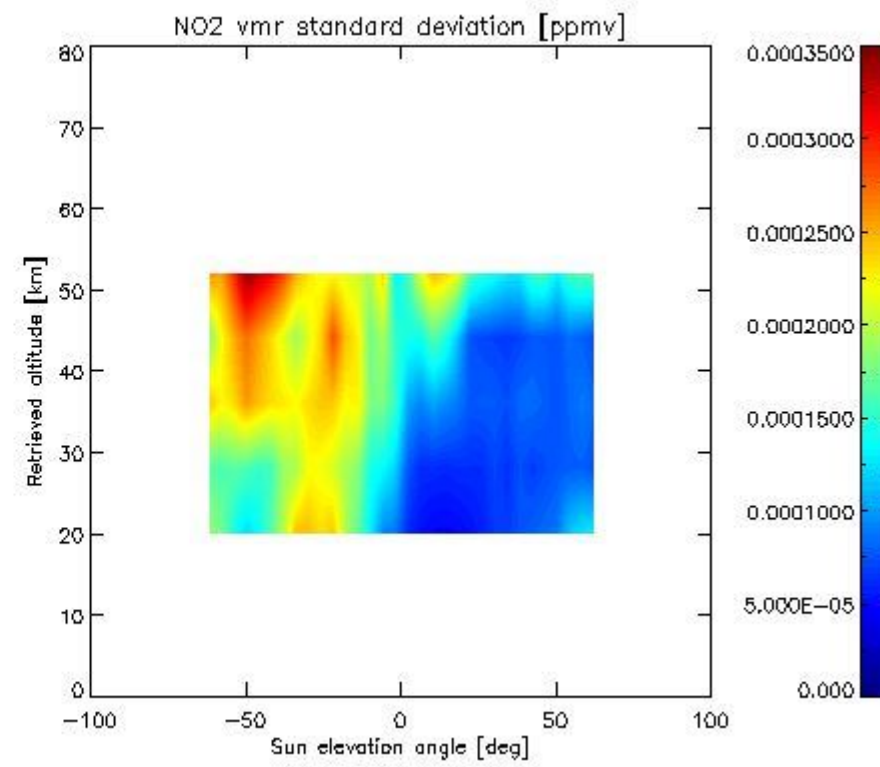
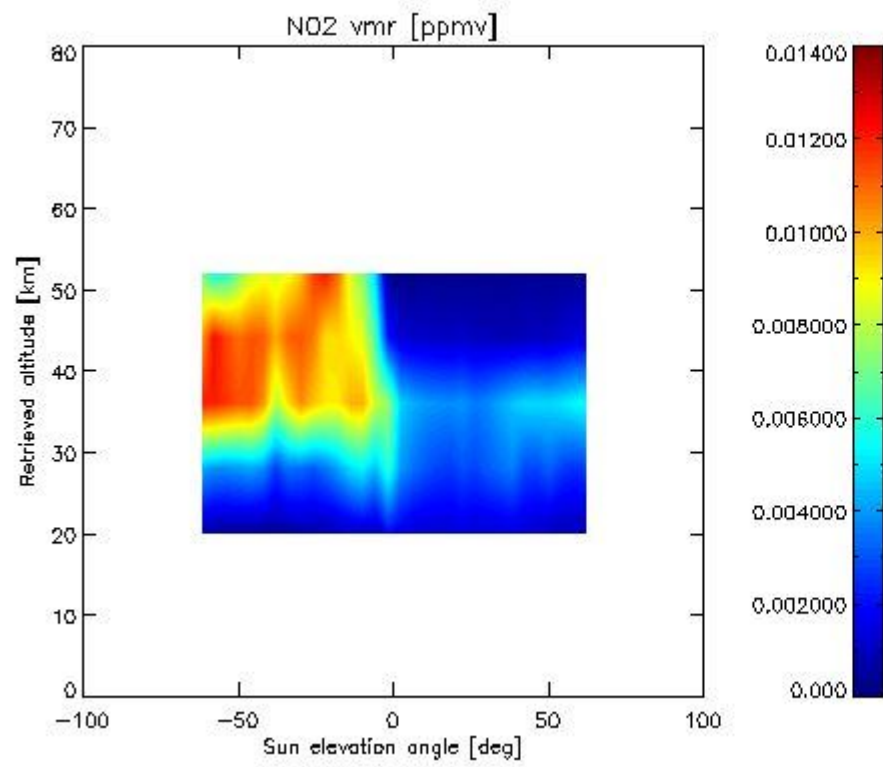
2.2.4.4 CH4 overview This section shows values (left) and error (right) for CH4 after binning individual sweep values over retrieved altitude and tangent latitude.



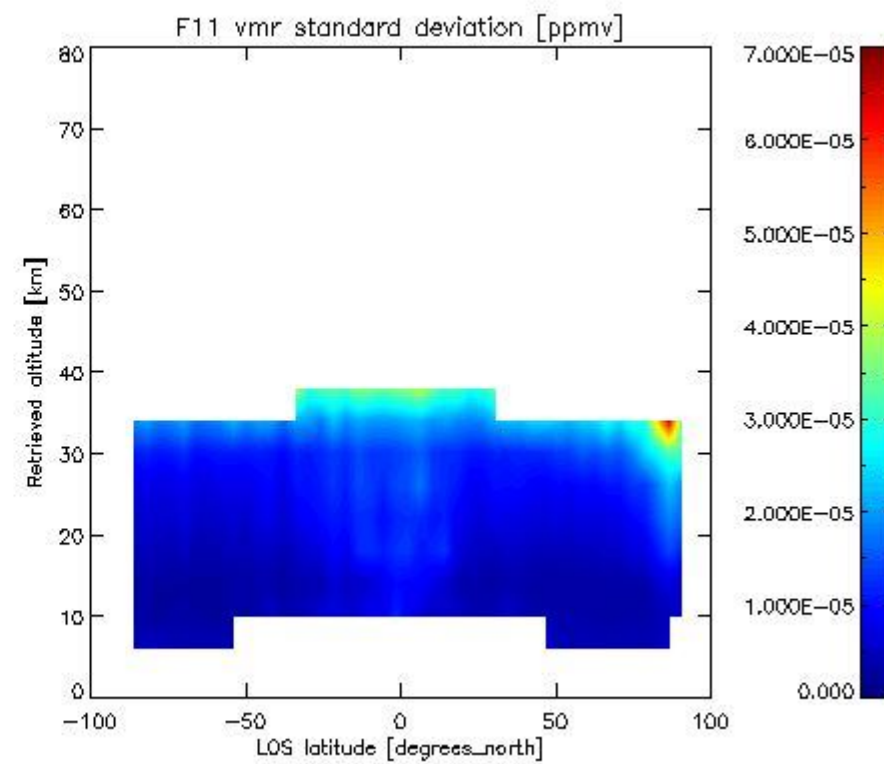
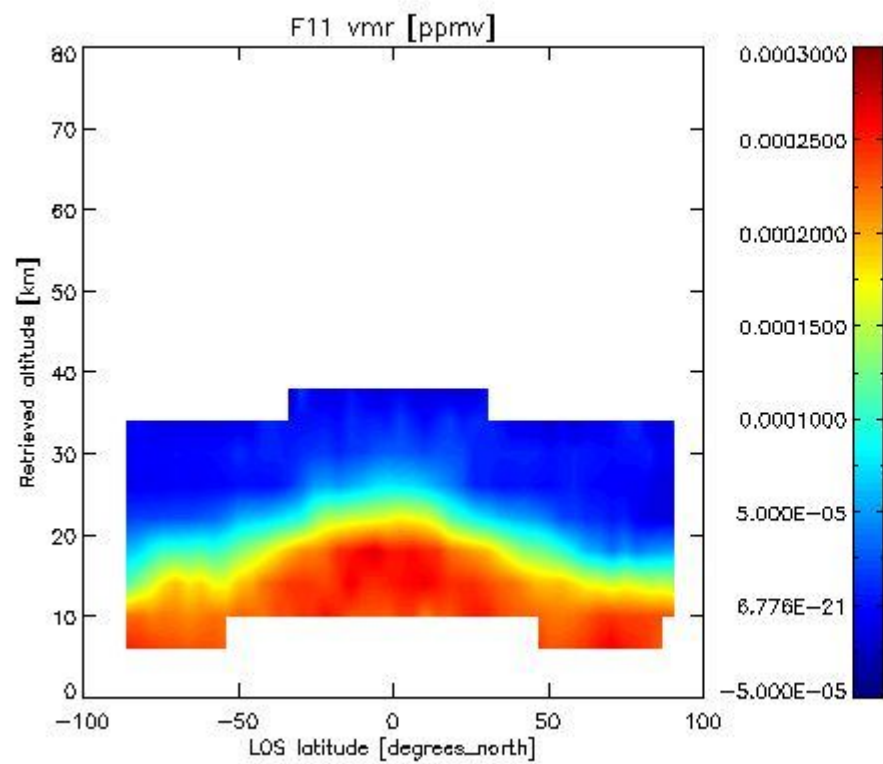
2.2.4.5 N2O overview This section shows values (left) and error (right) for N2O after binning individual sweep values over retrieved altitude and tangent latitude.



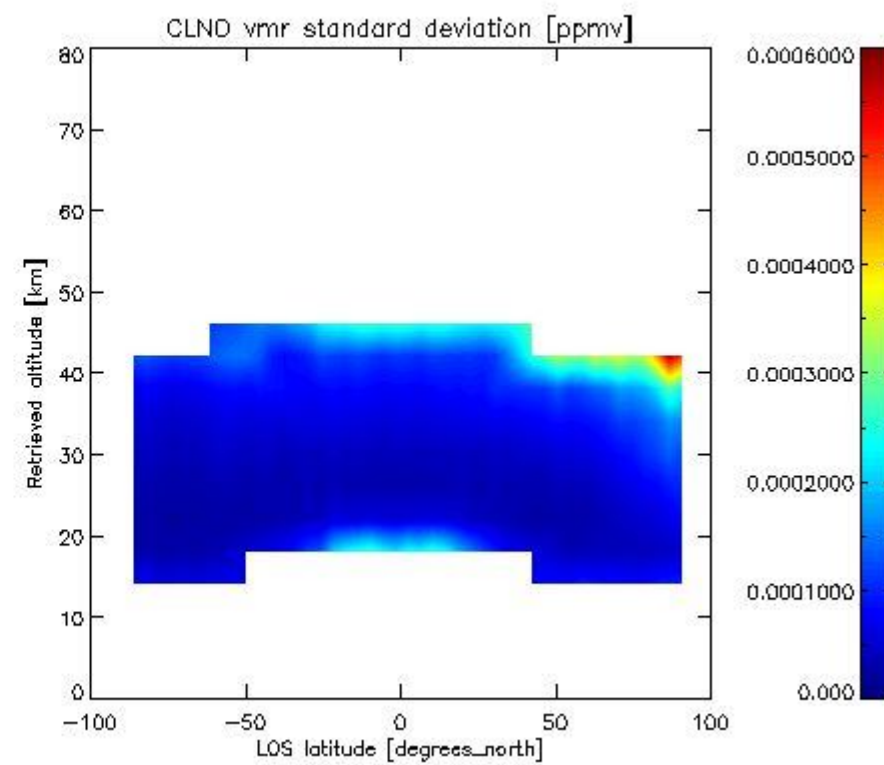
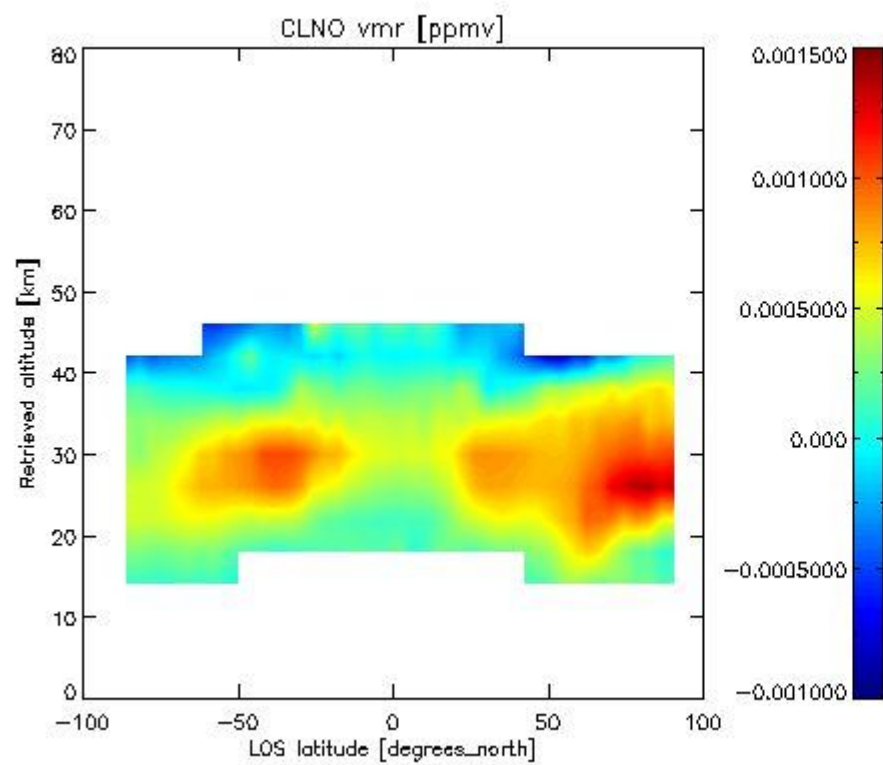
2.2.4.6 NO₂ overview This section shows values (left) and error (right) for NO₂ after binning individual sweep values over retrieved altitude and Sun Elevation Angle. Note that for NO₂ the bin heights are 6 km.

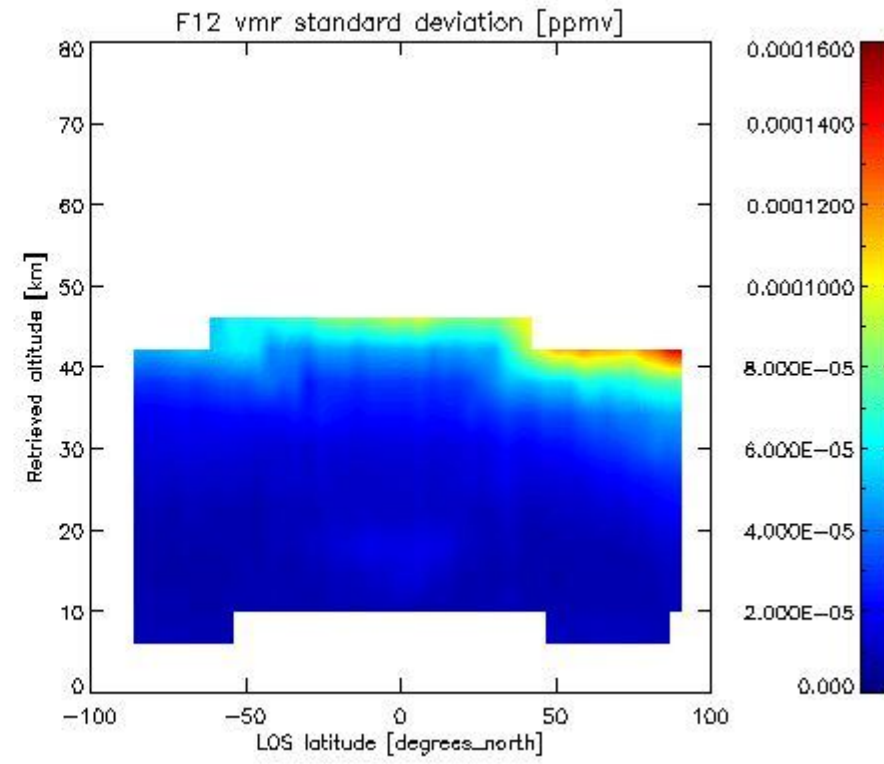
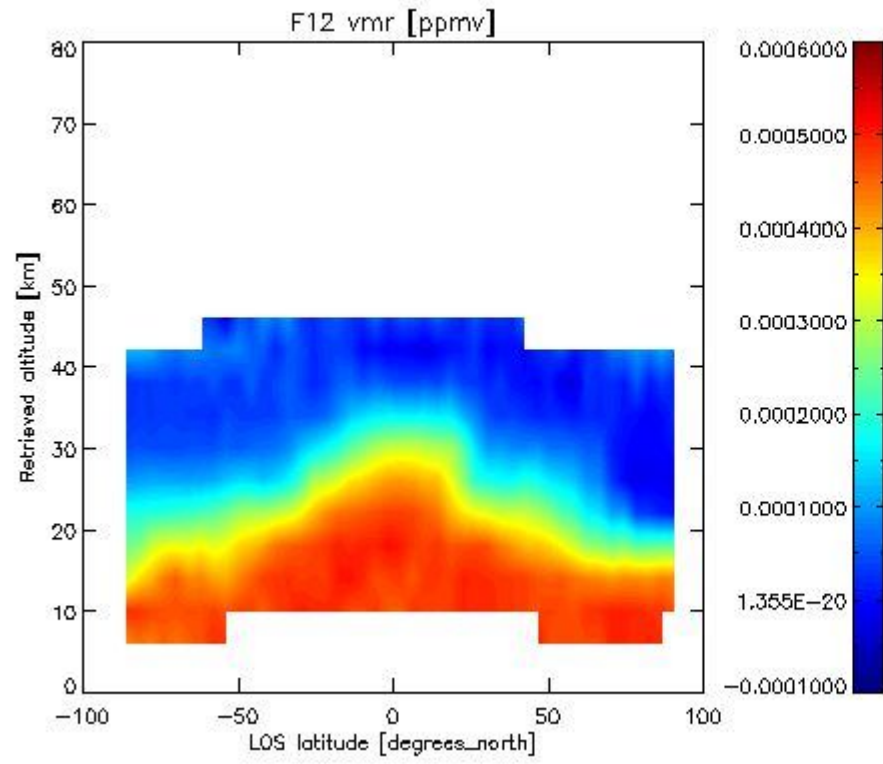
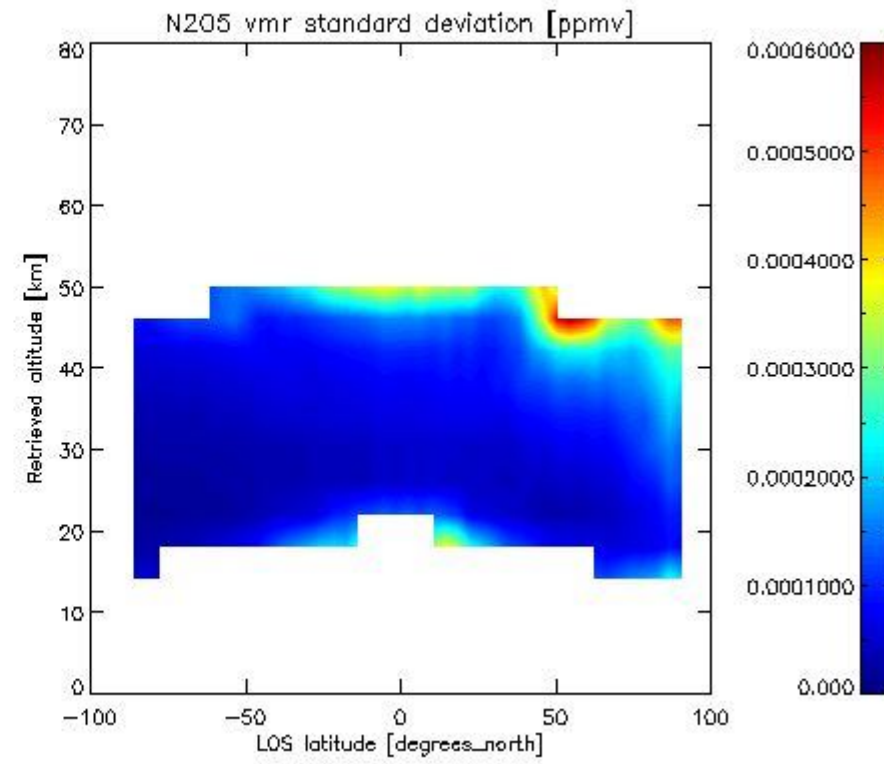
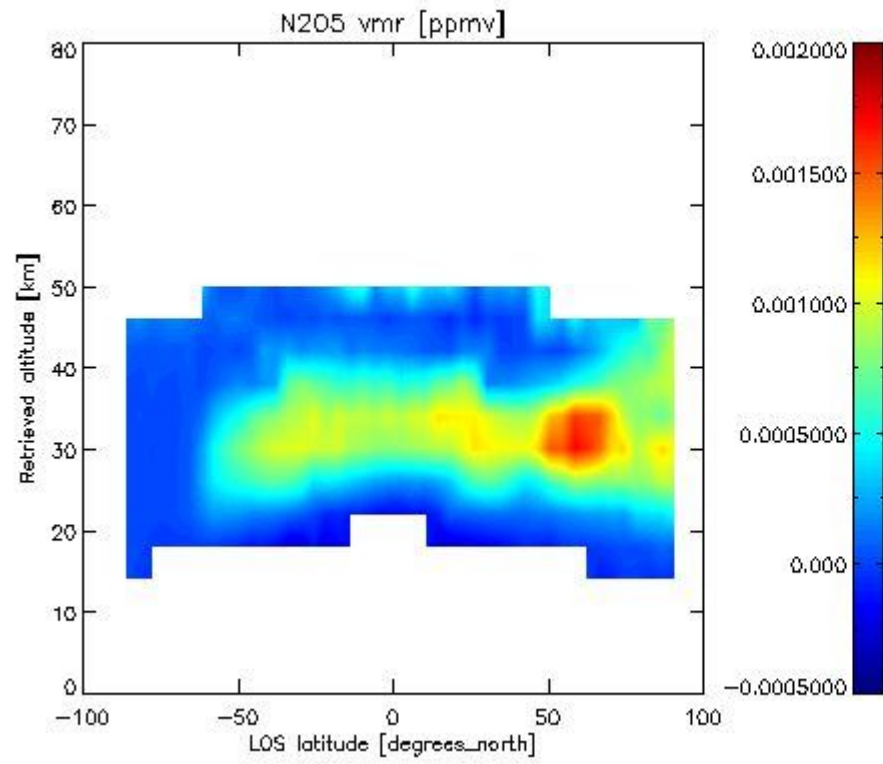


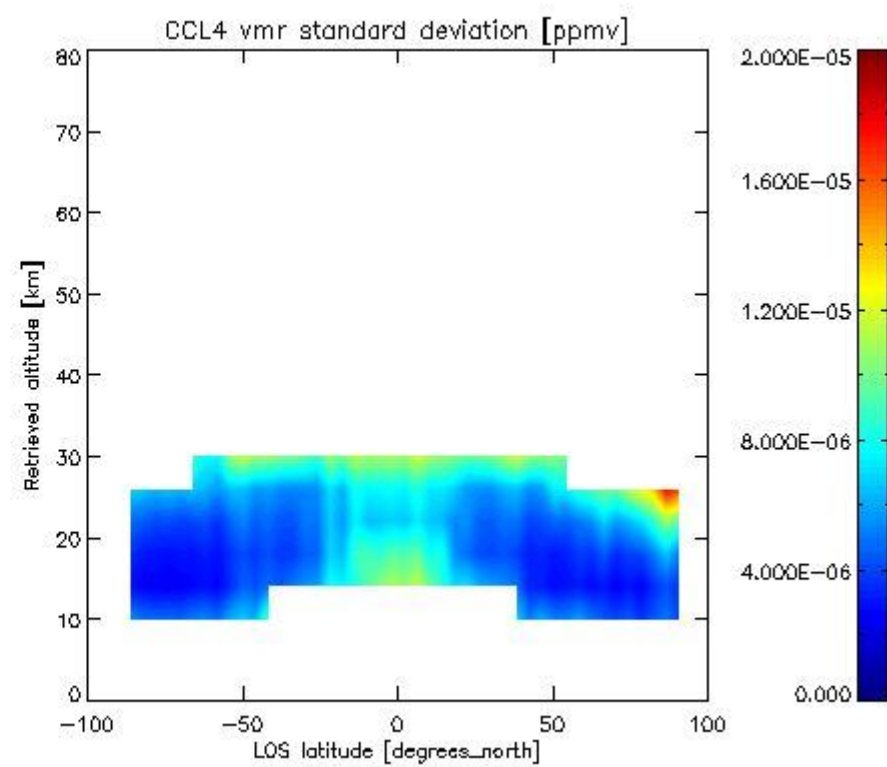
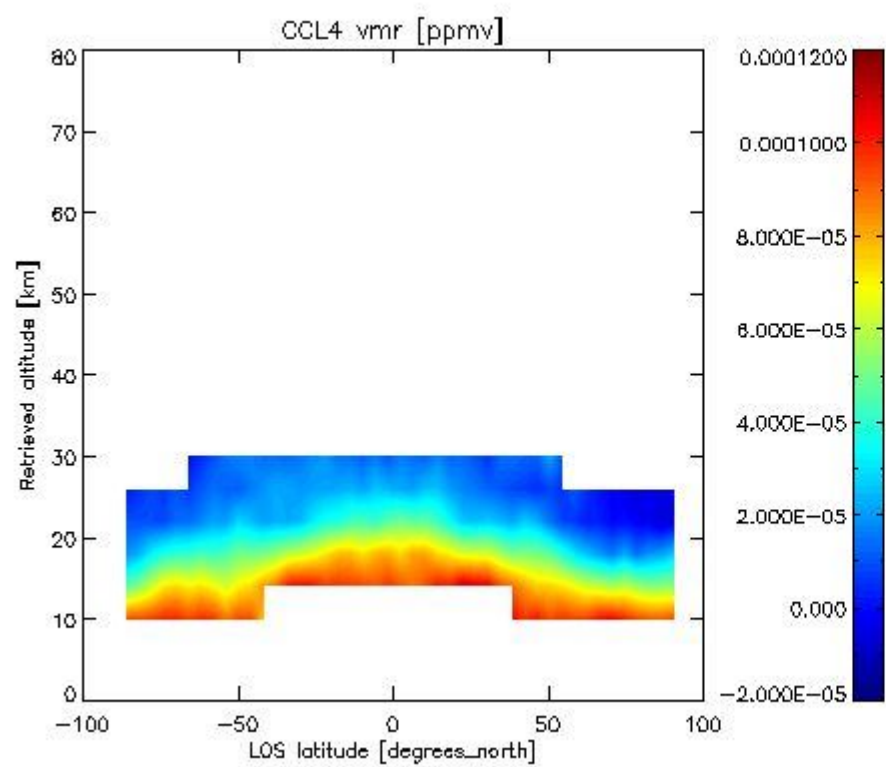
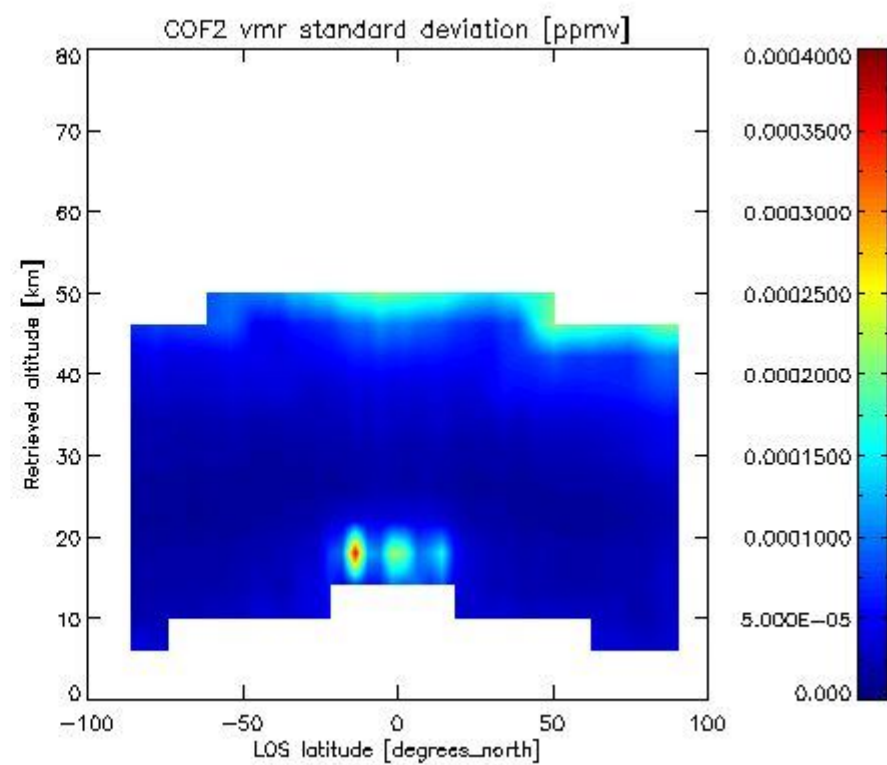
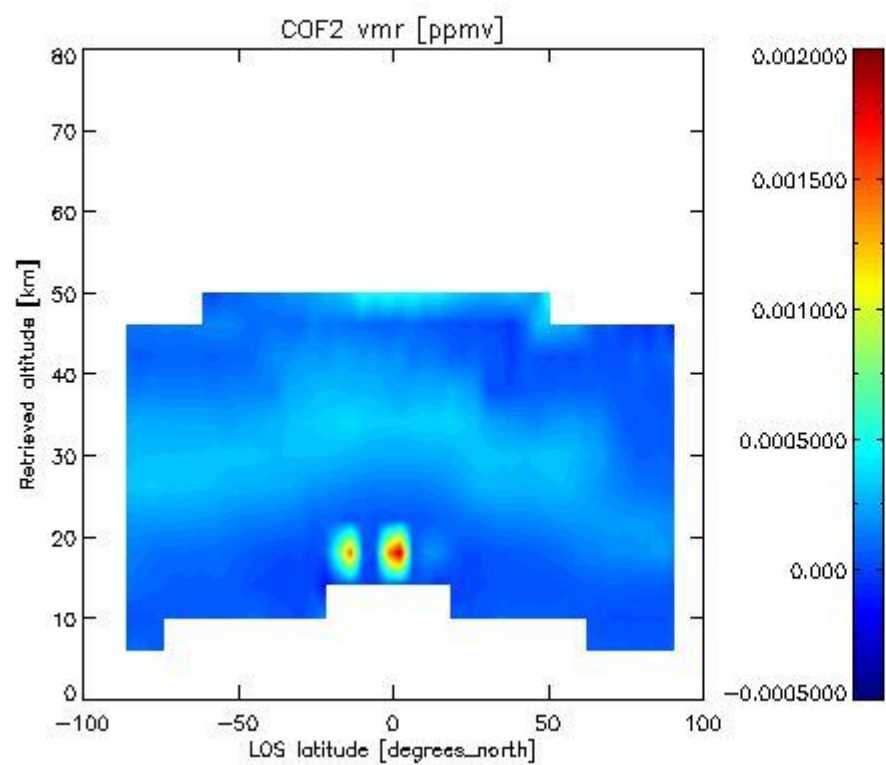
2.2.4.7 F11 overview This section shows values (left) and error (right) for F11 after binning individual sweep values over retrieved altitude and tangent latitude.

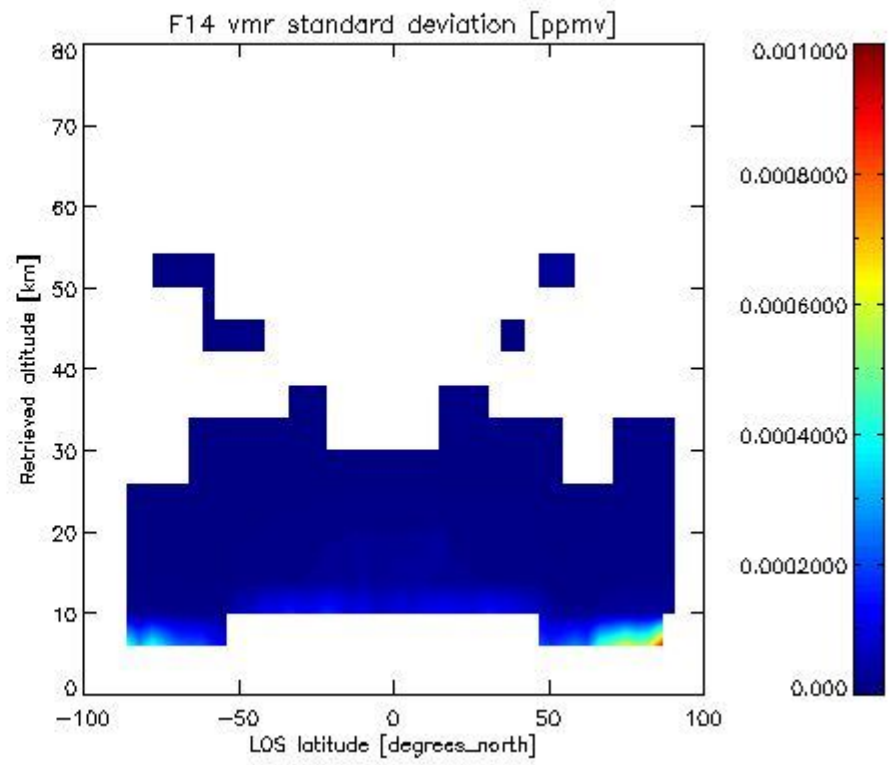
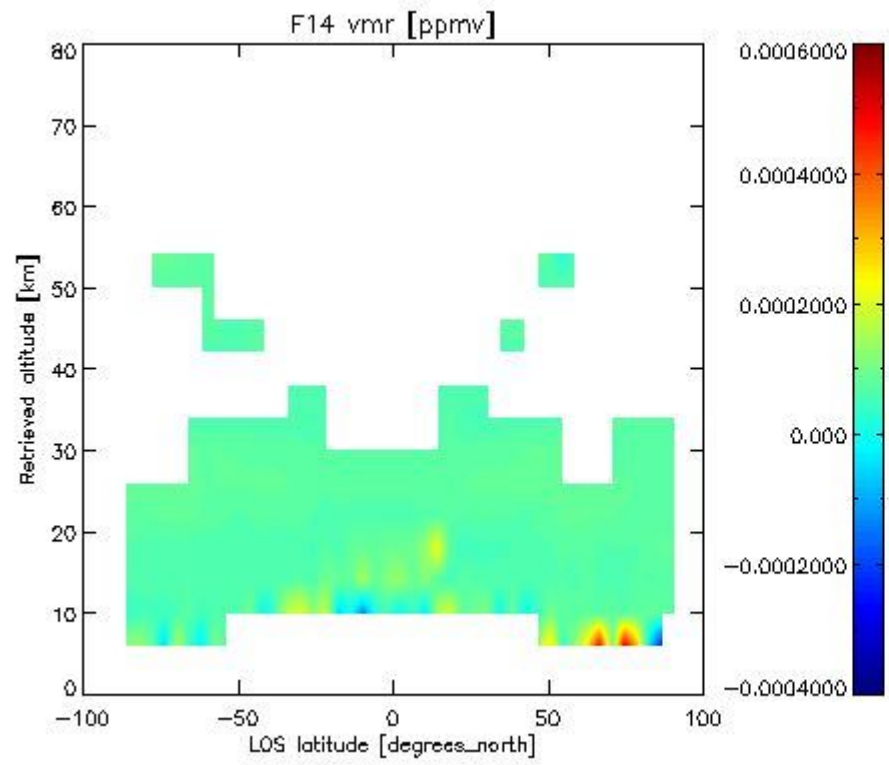
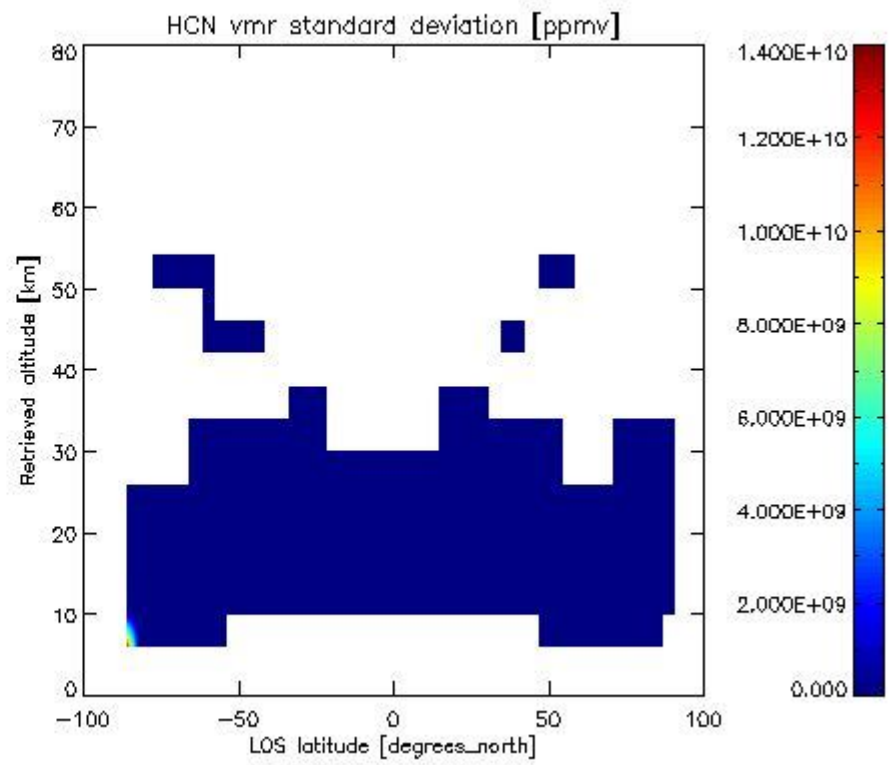
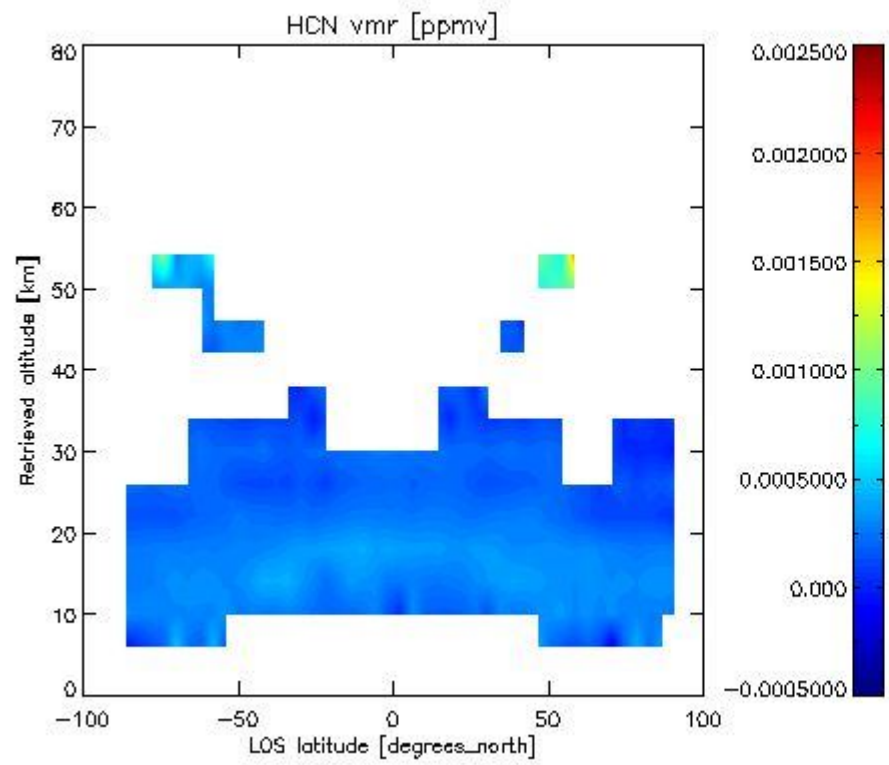


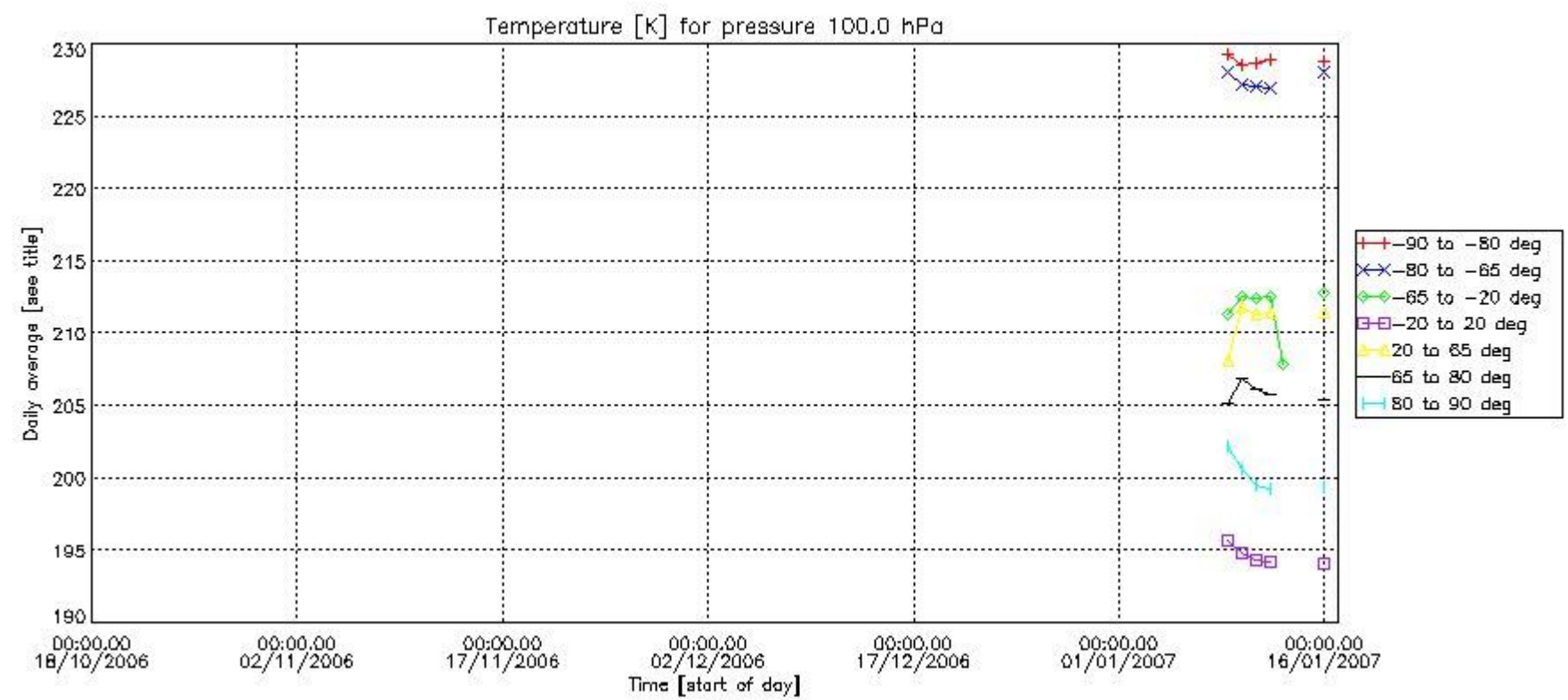
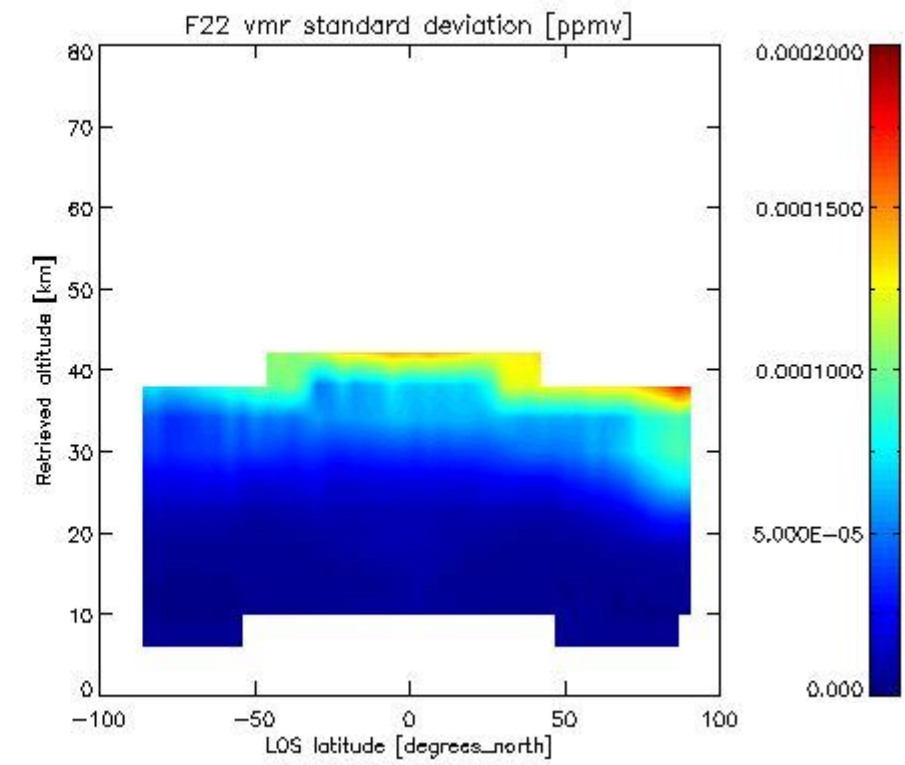
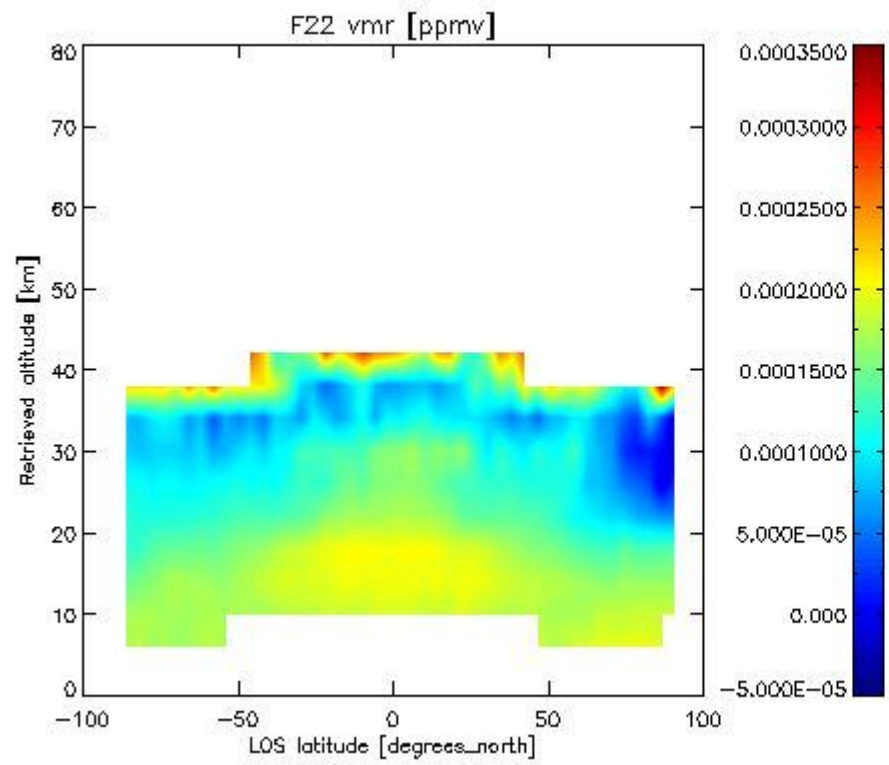
2.3.4 CLNO overview This section shows values (left) and error (right) for CLNO after binning individual sweep values over retrieved altitude and target latitude.

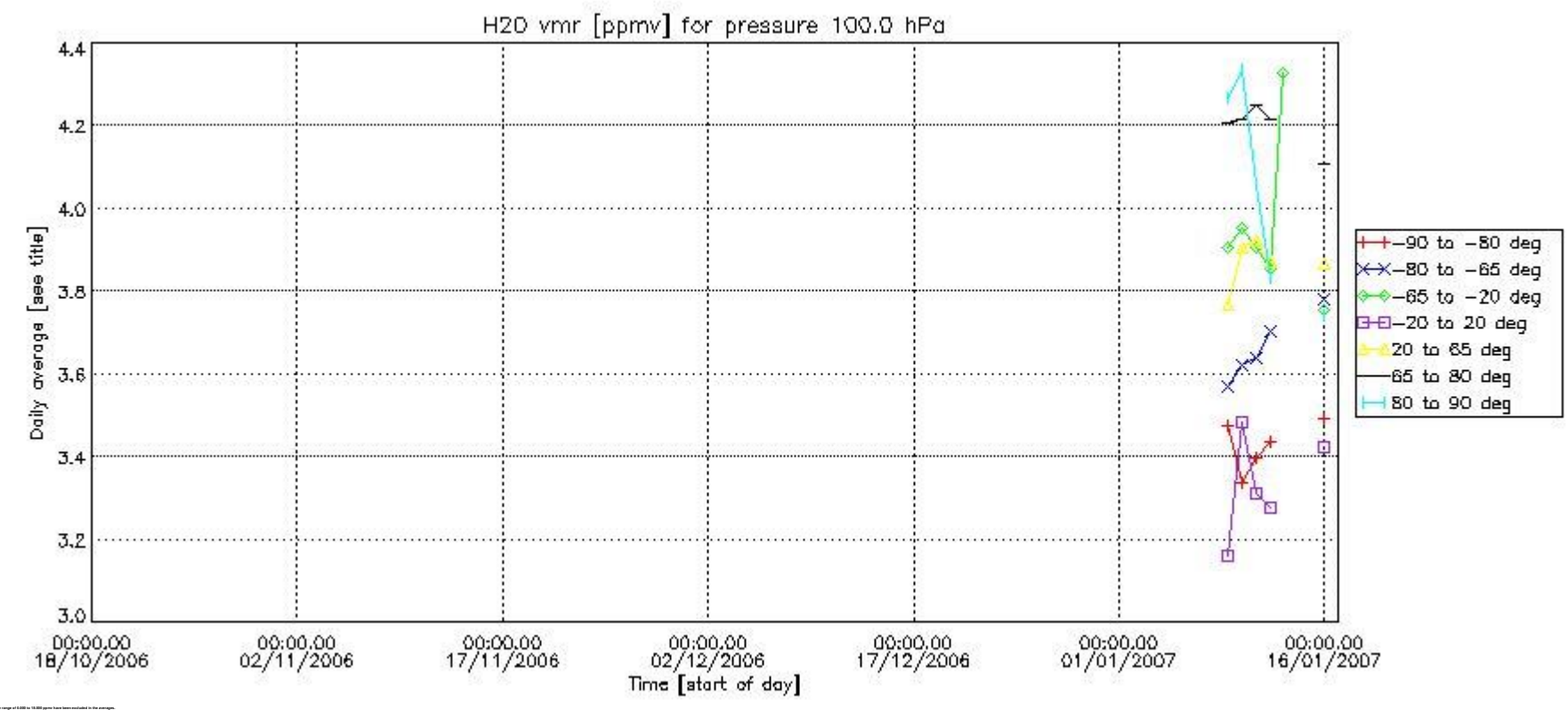
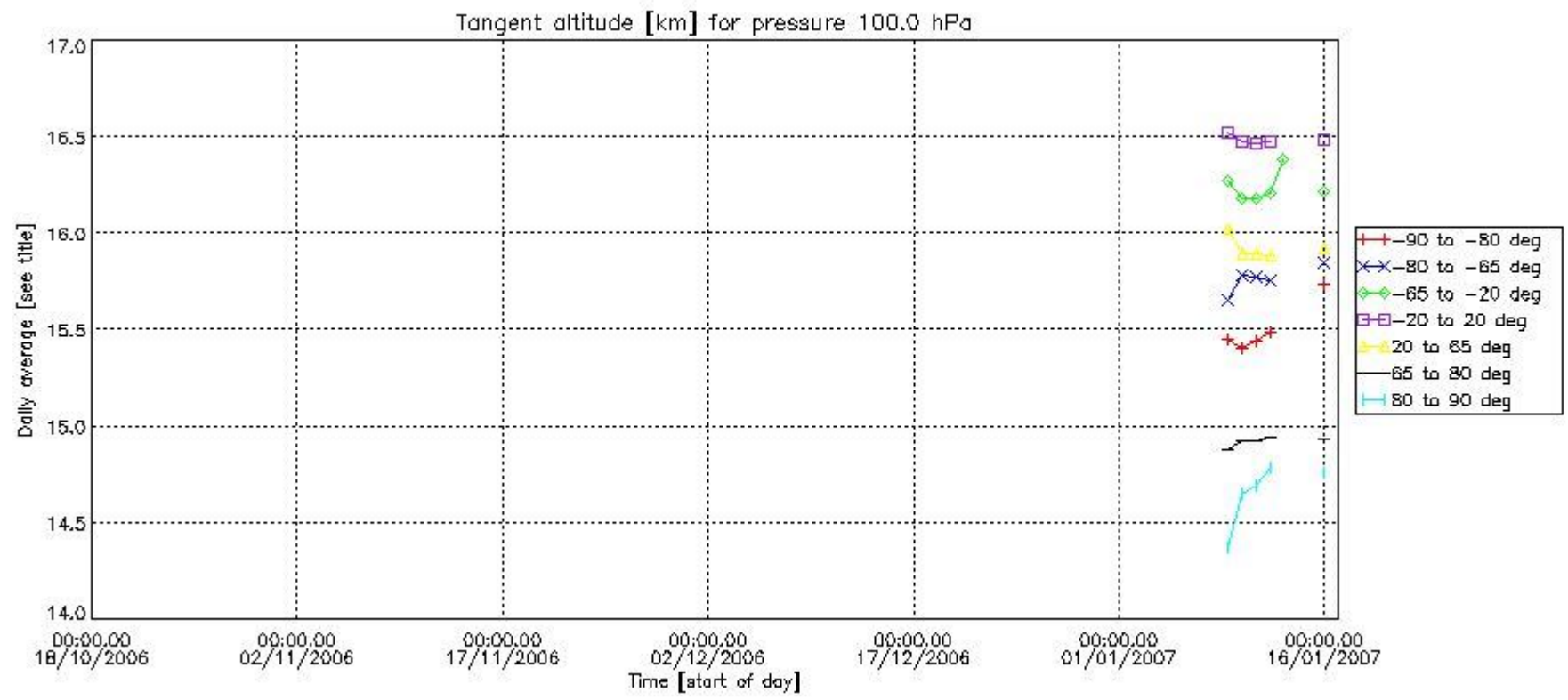


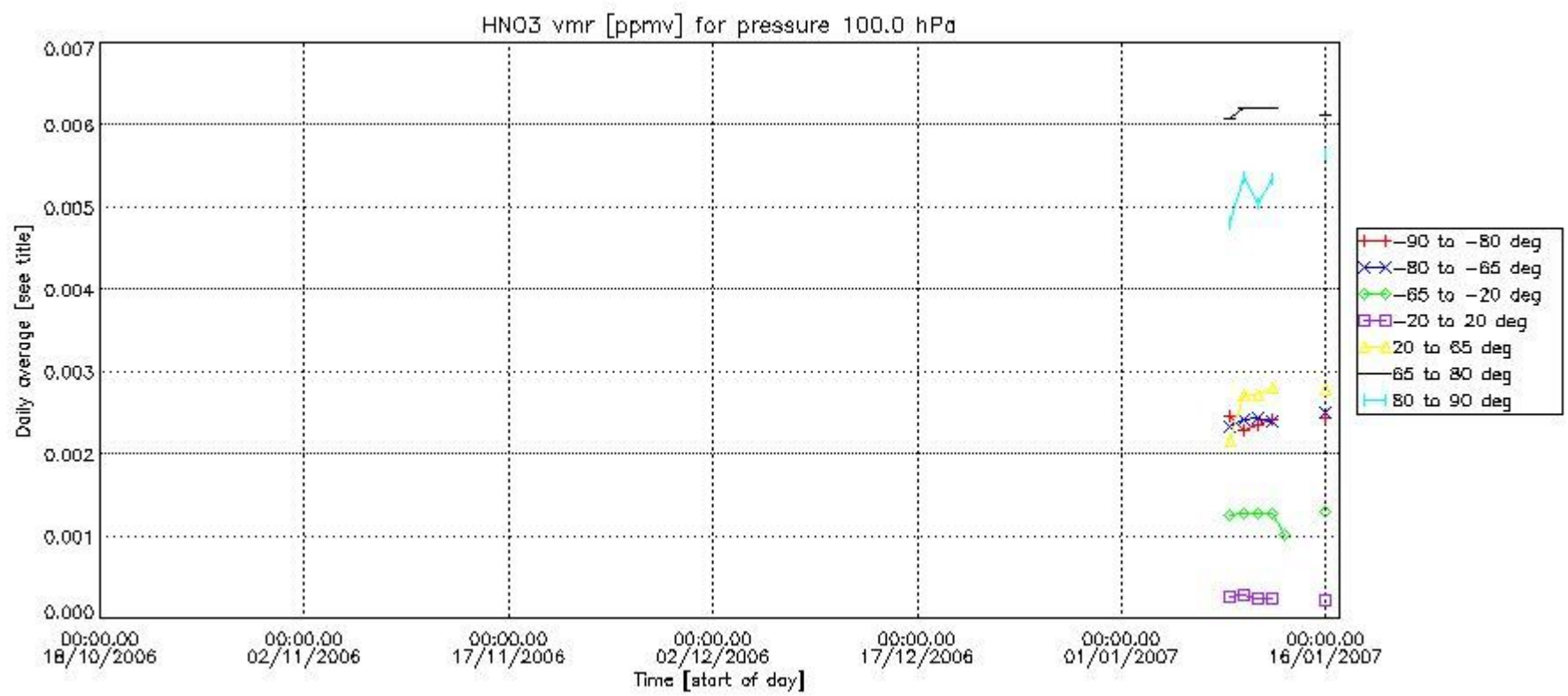
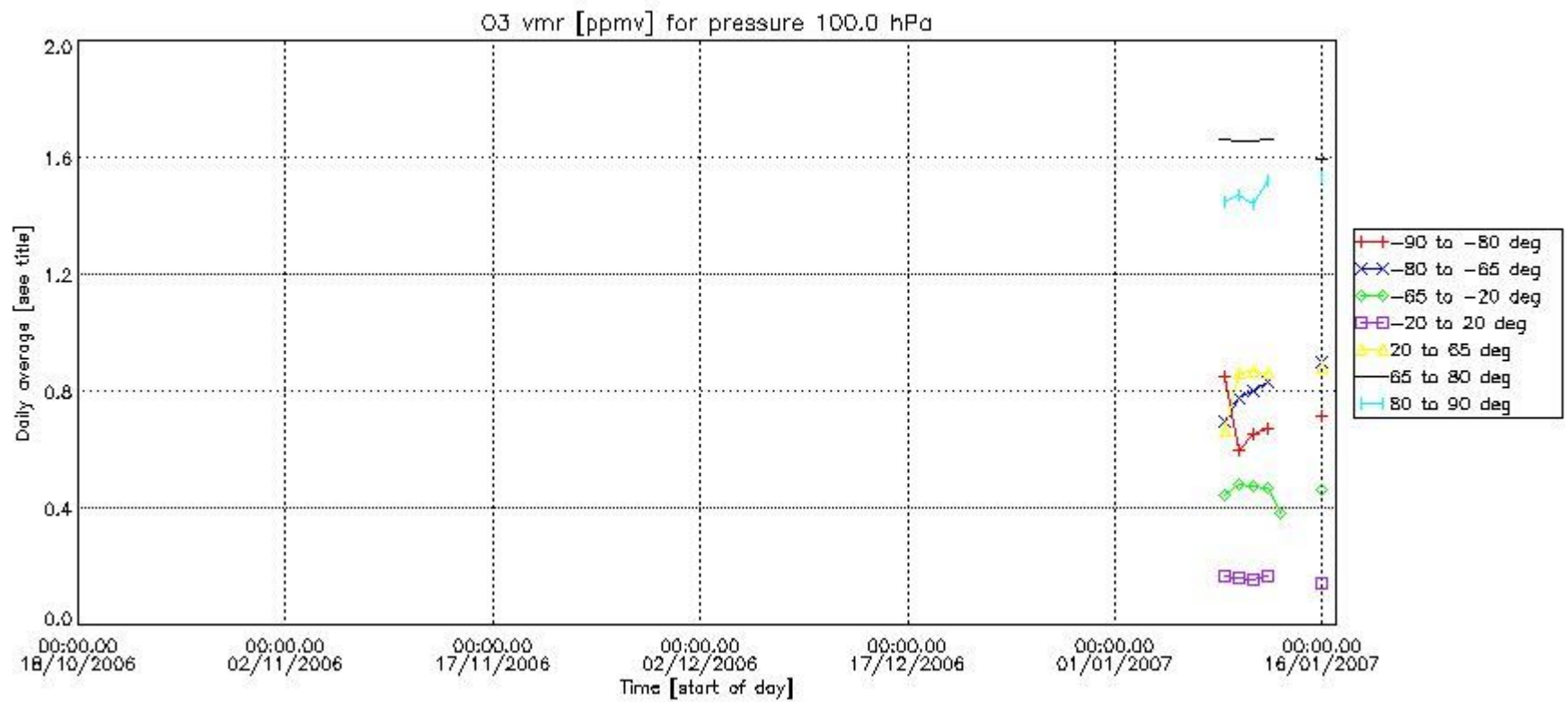


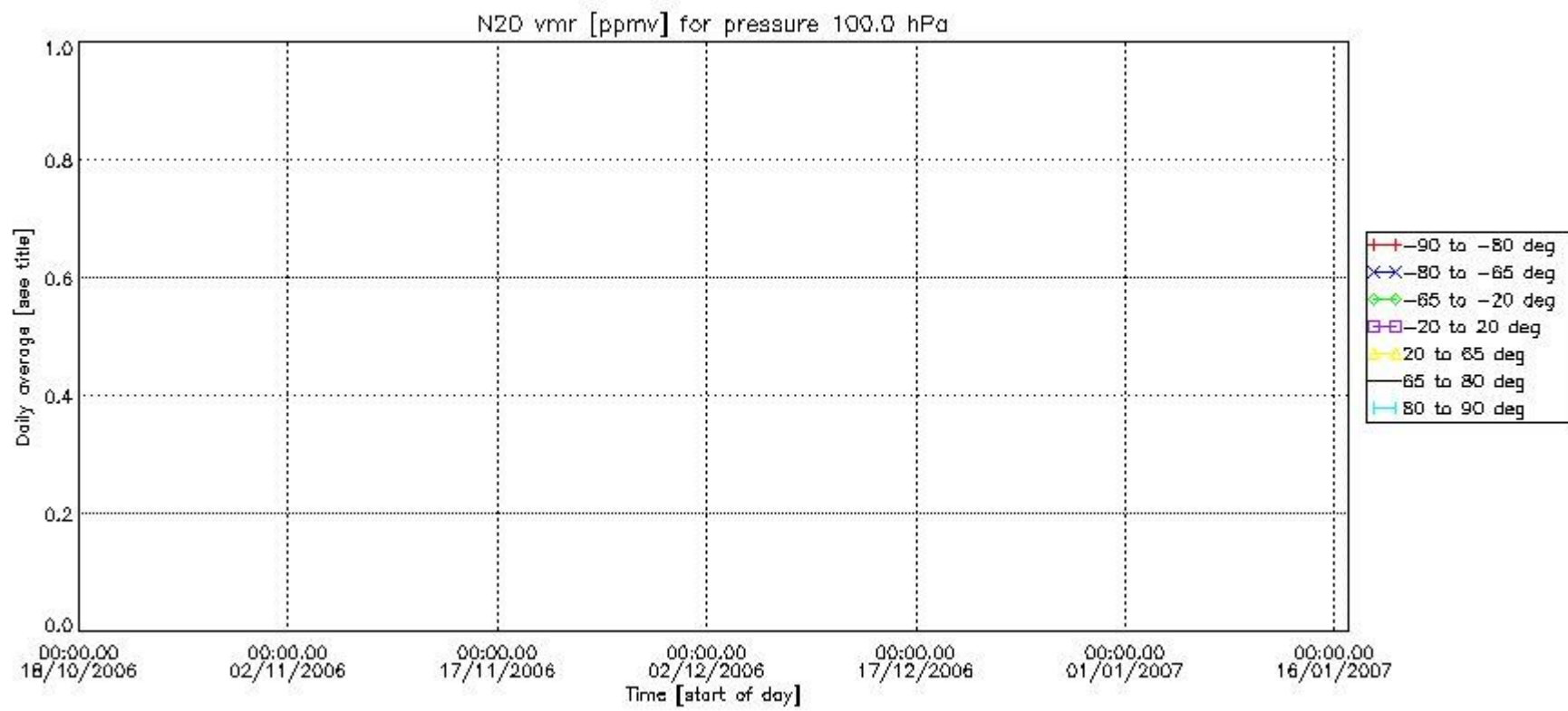
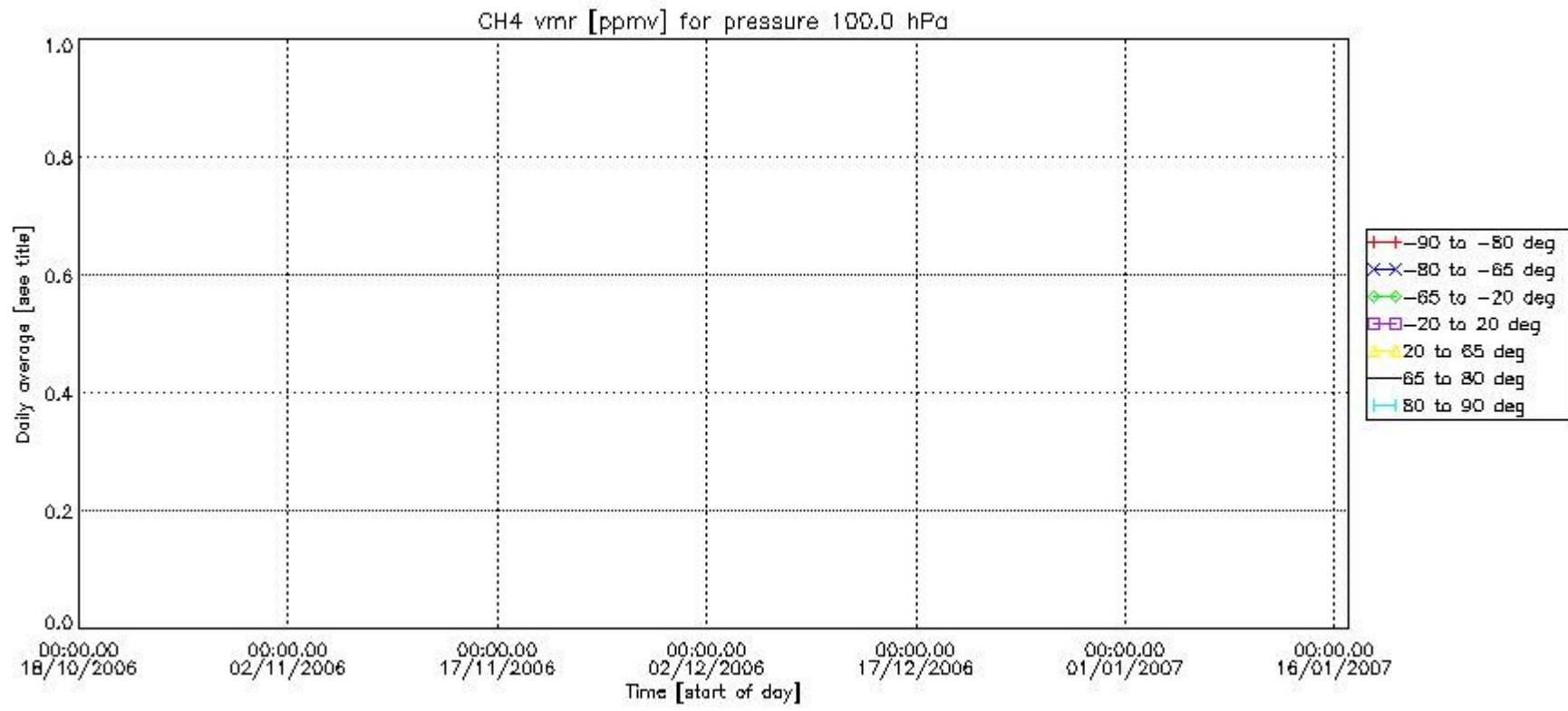


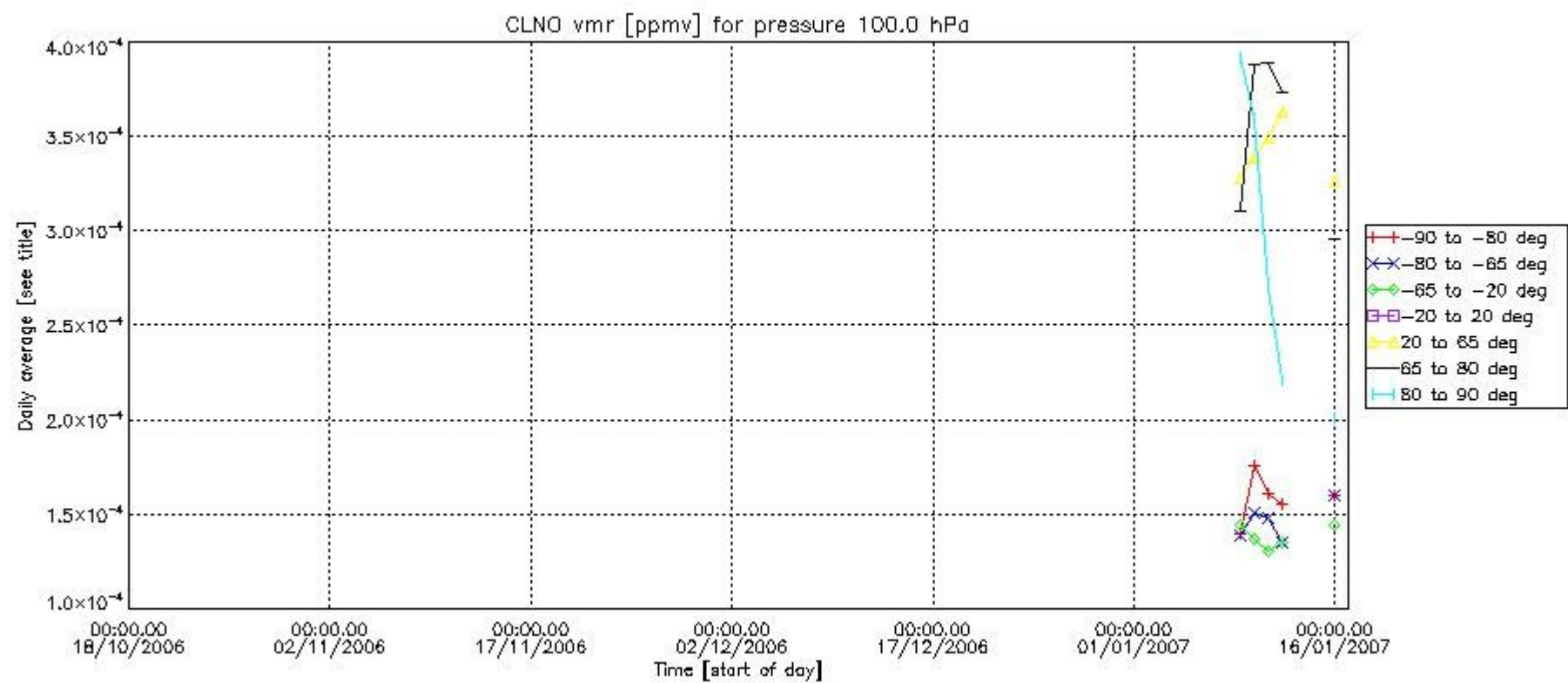
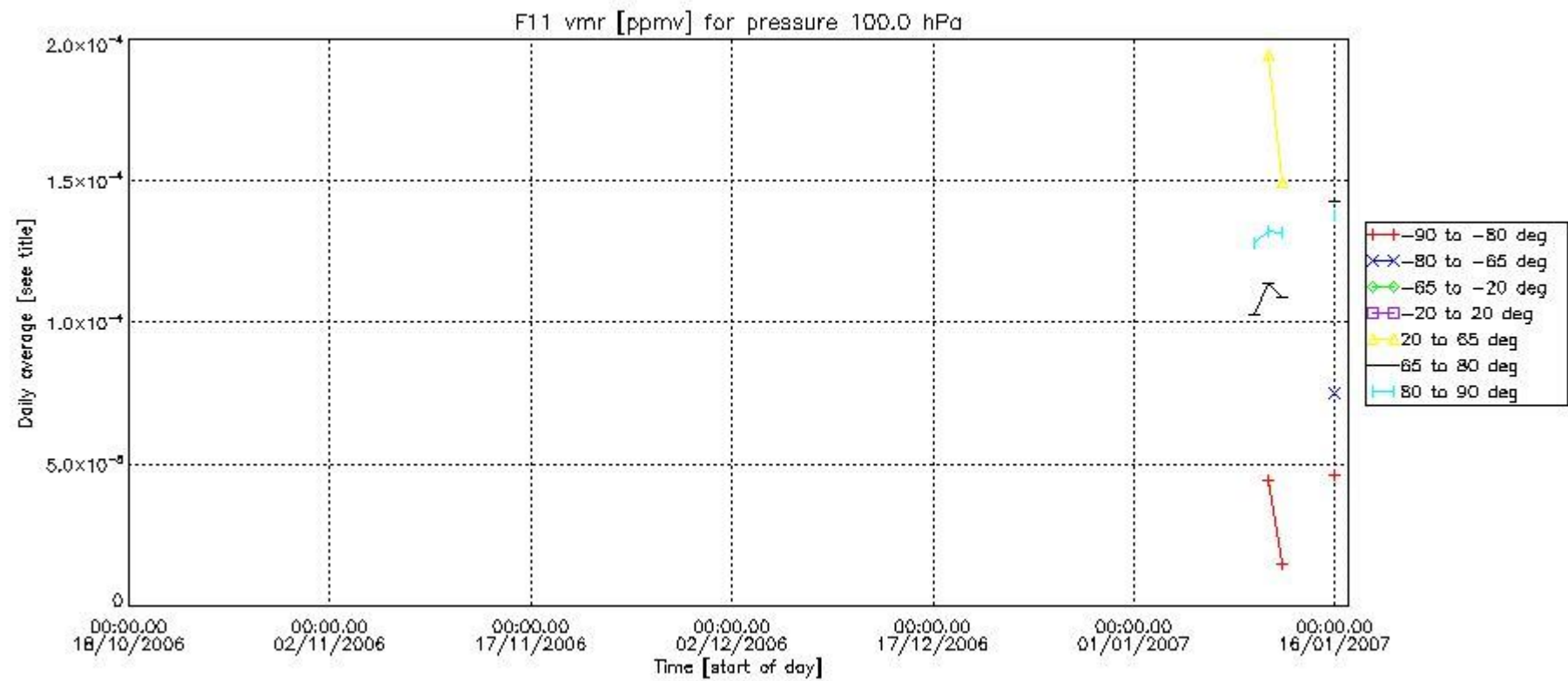


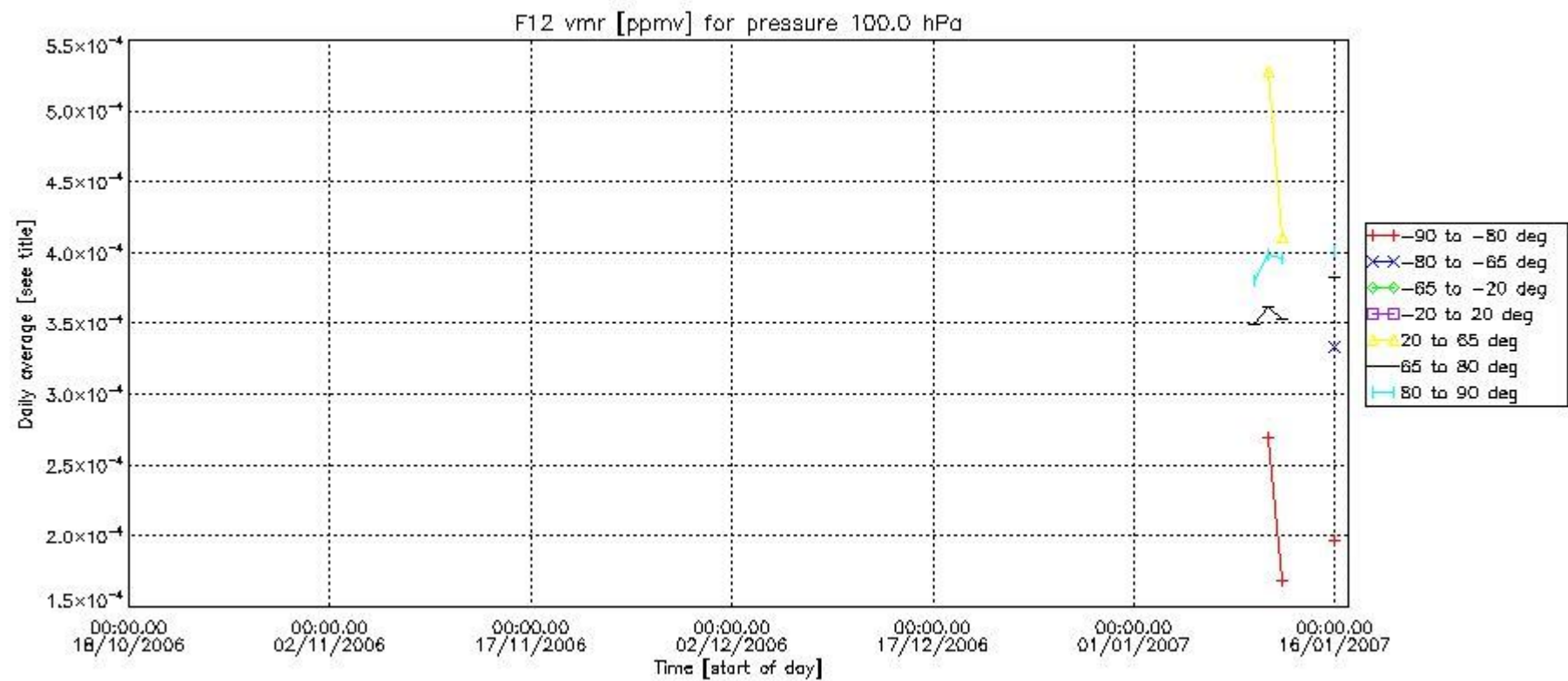
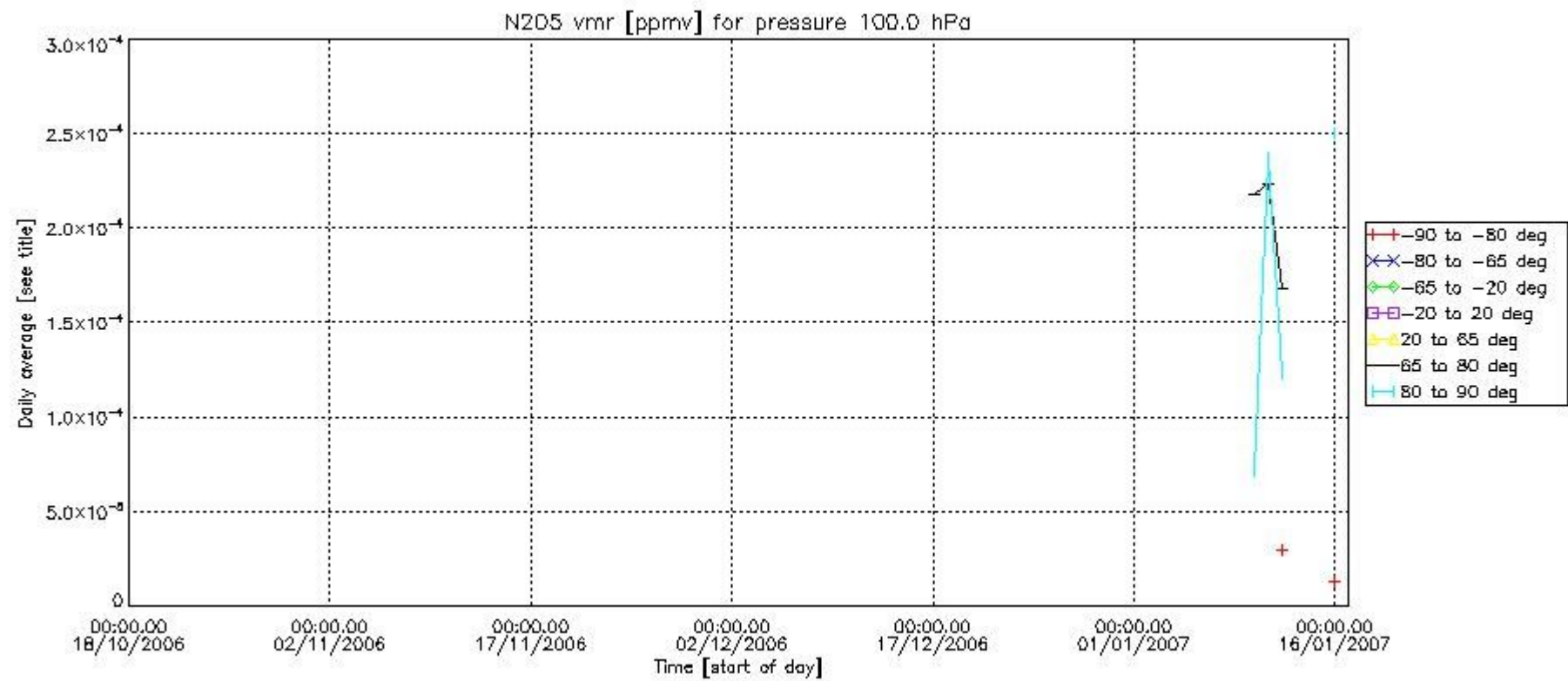


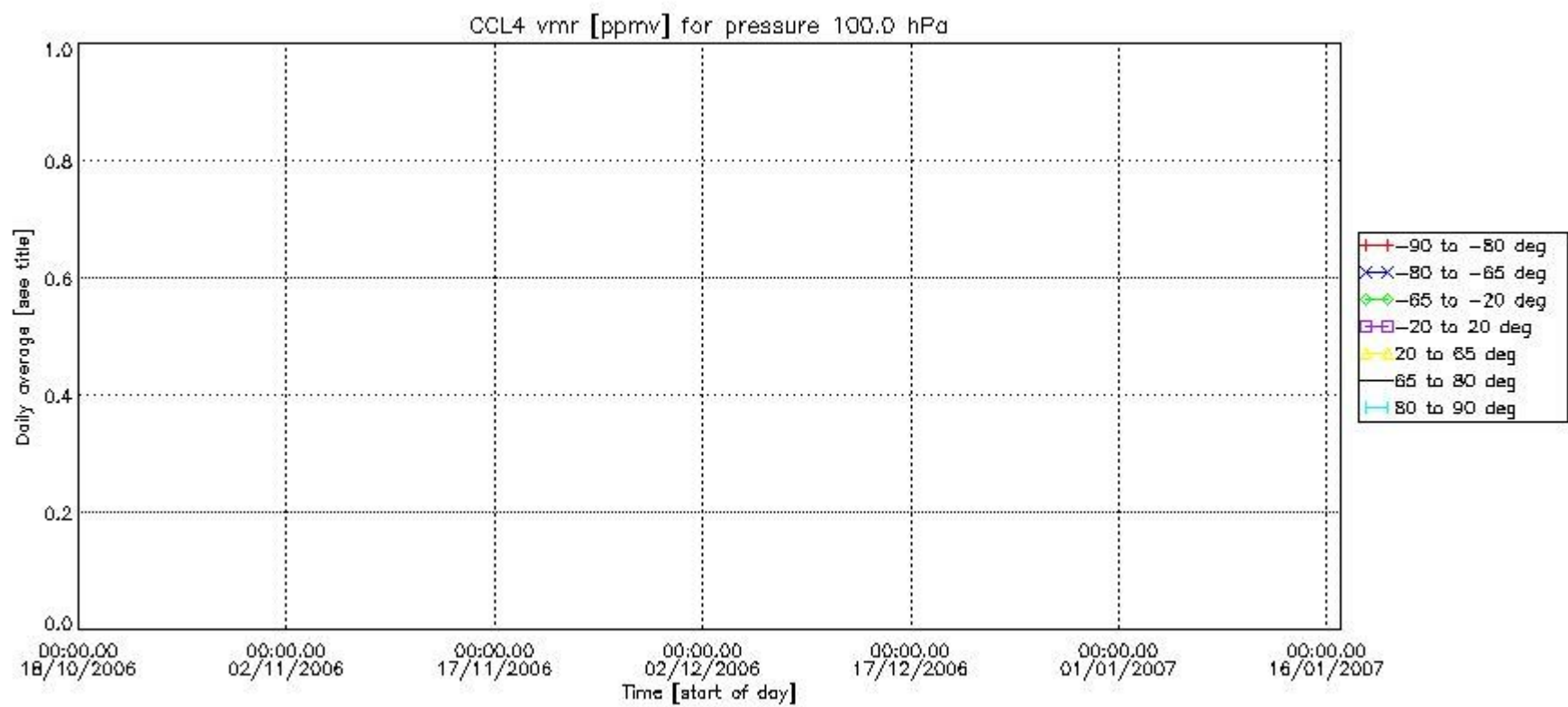
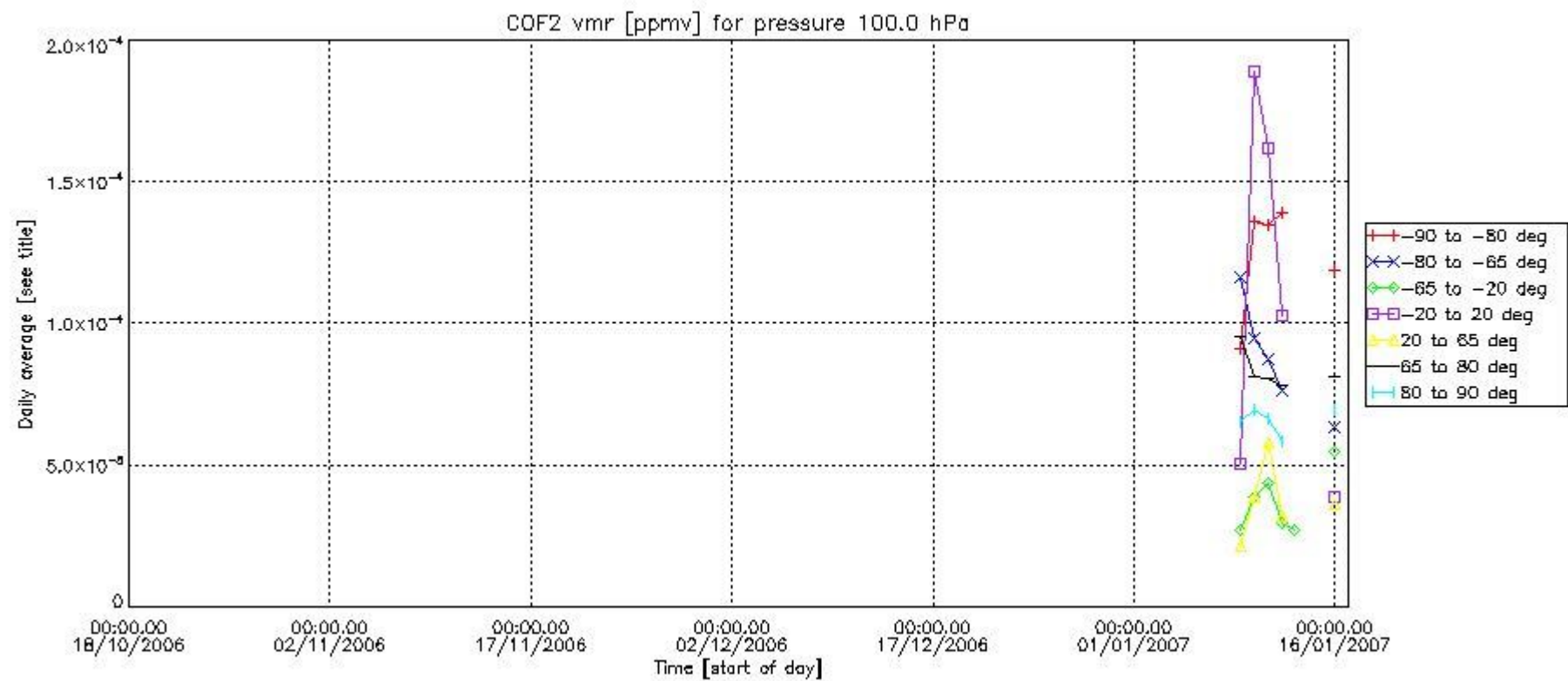


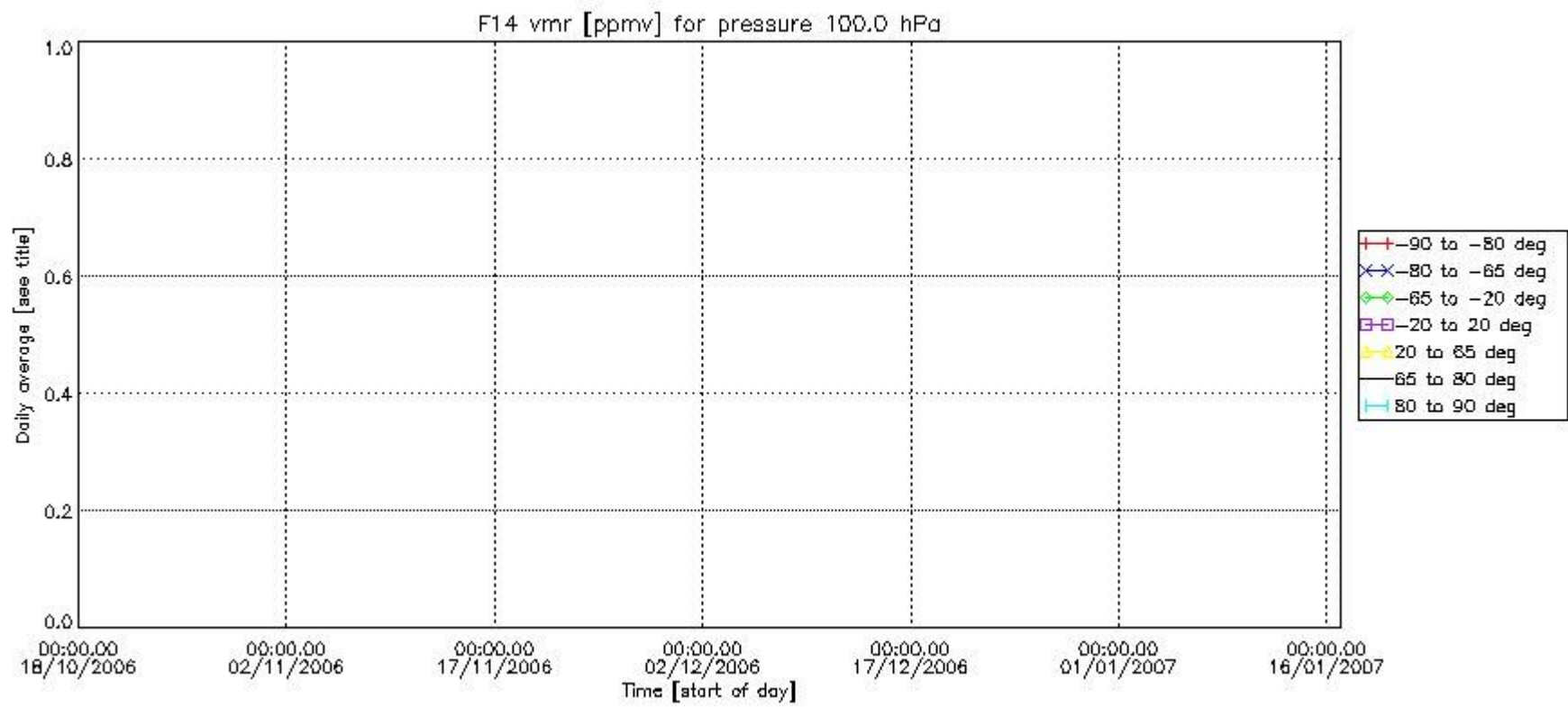
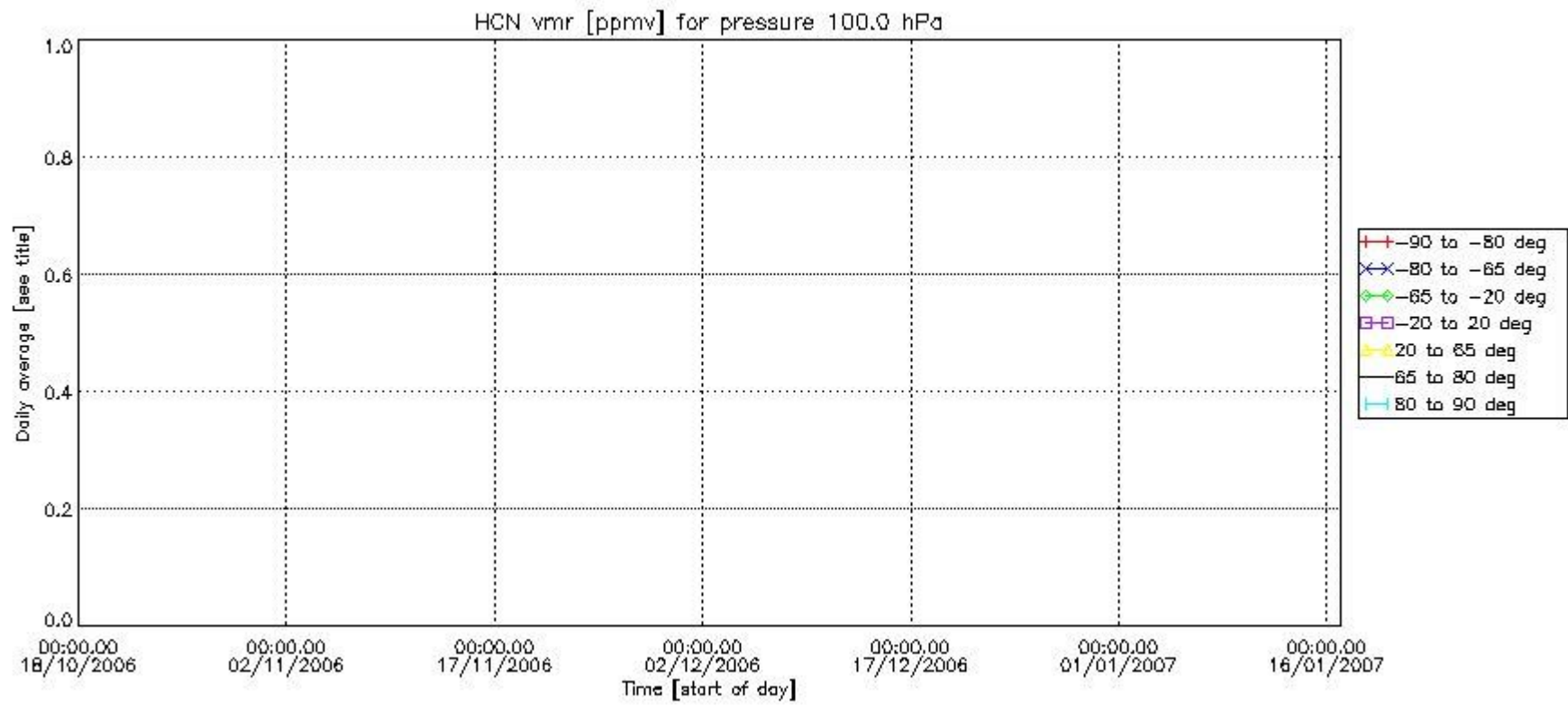


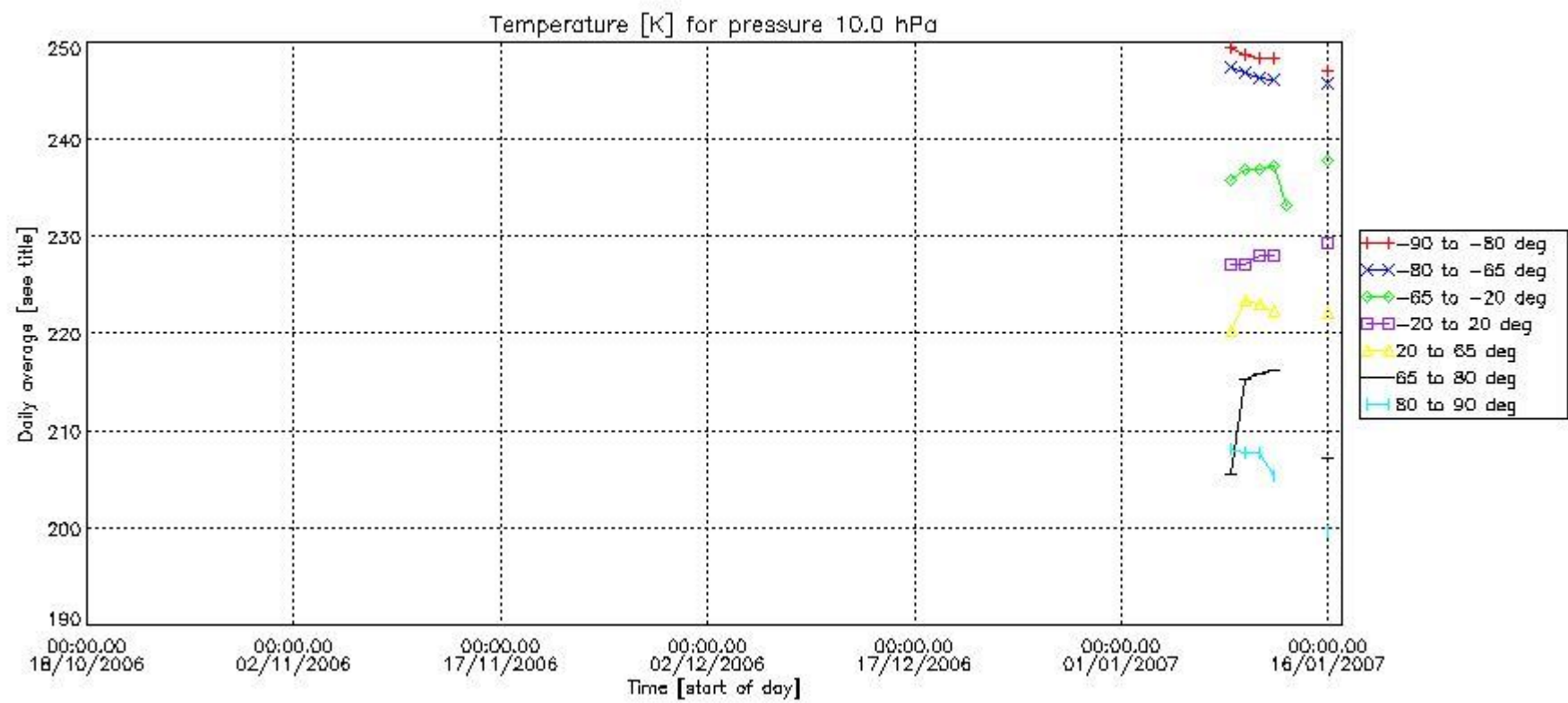
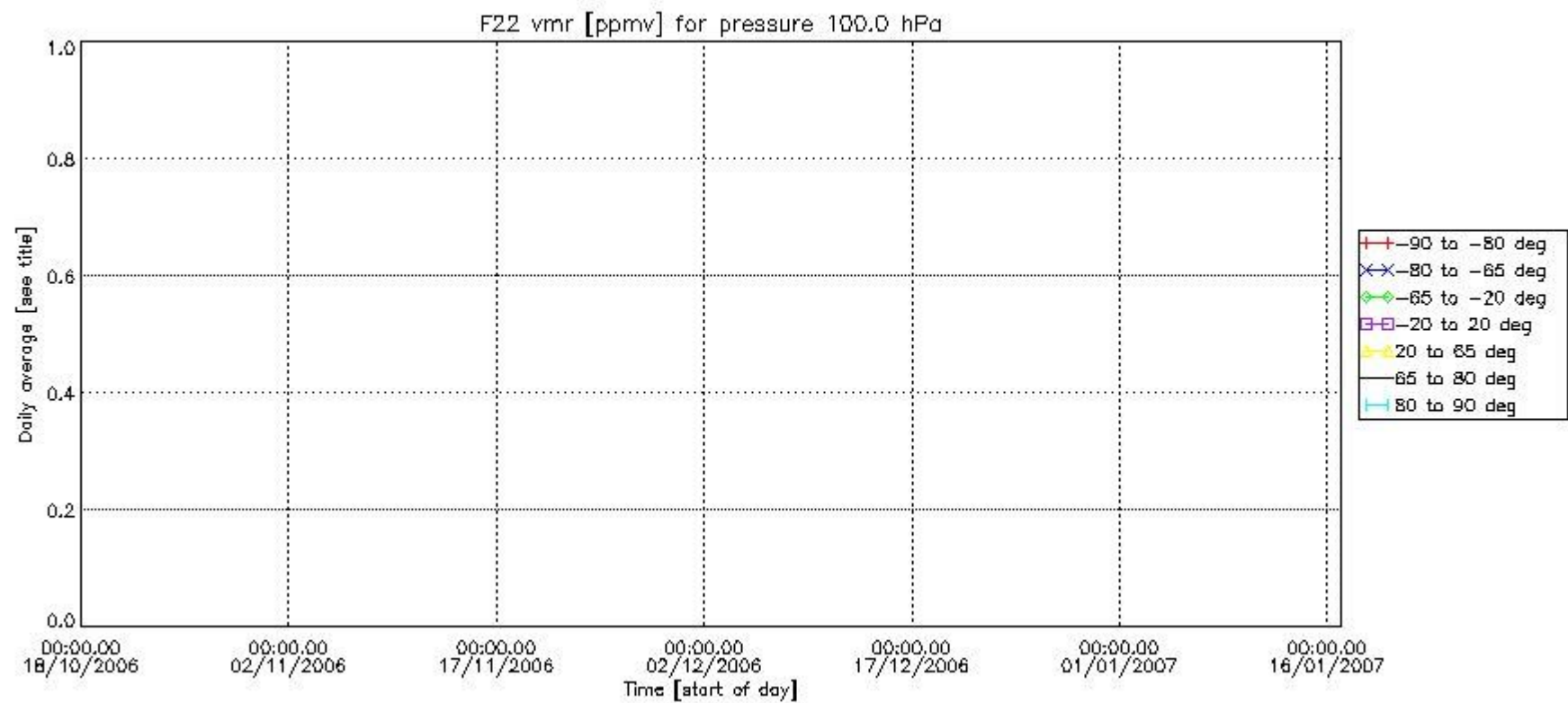


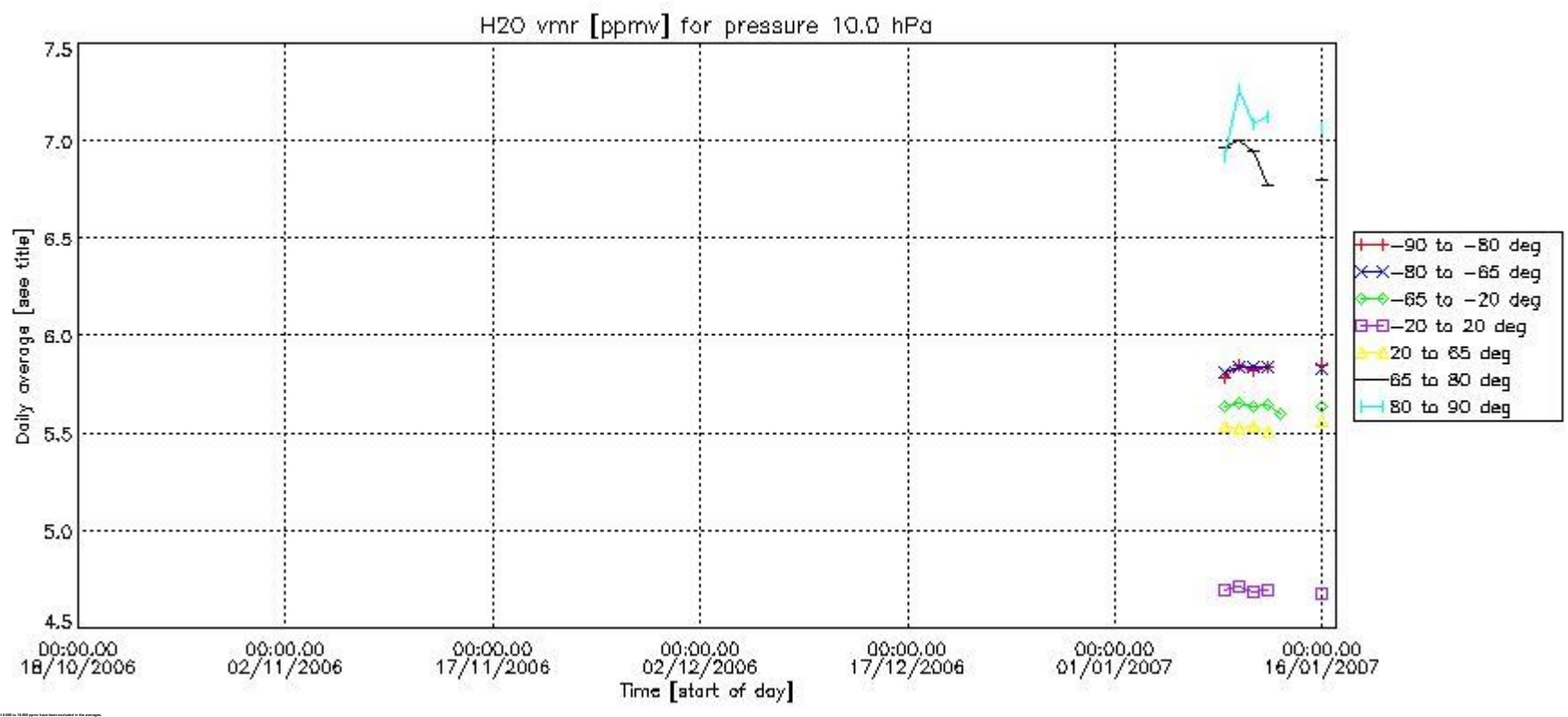
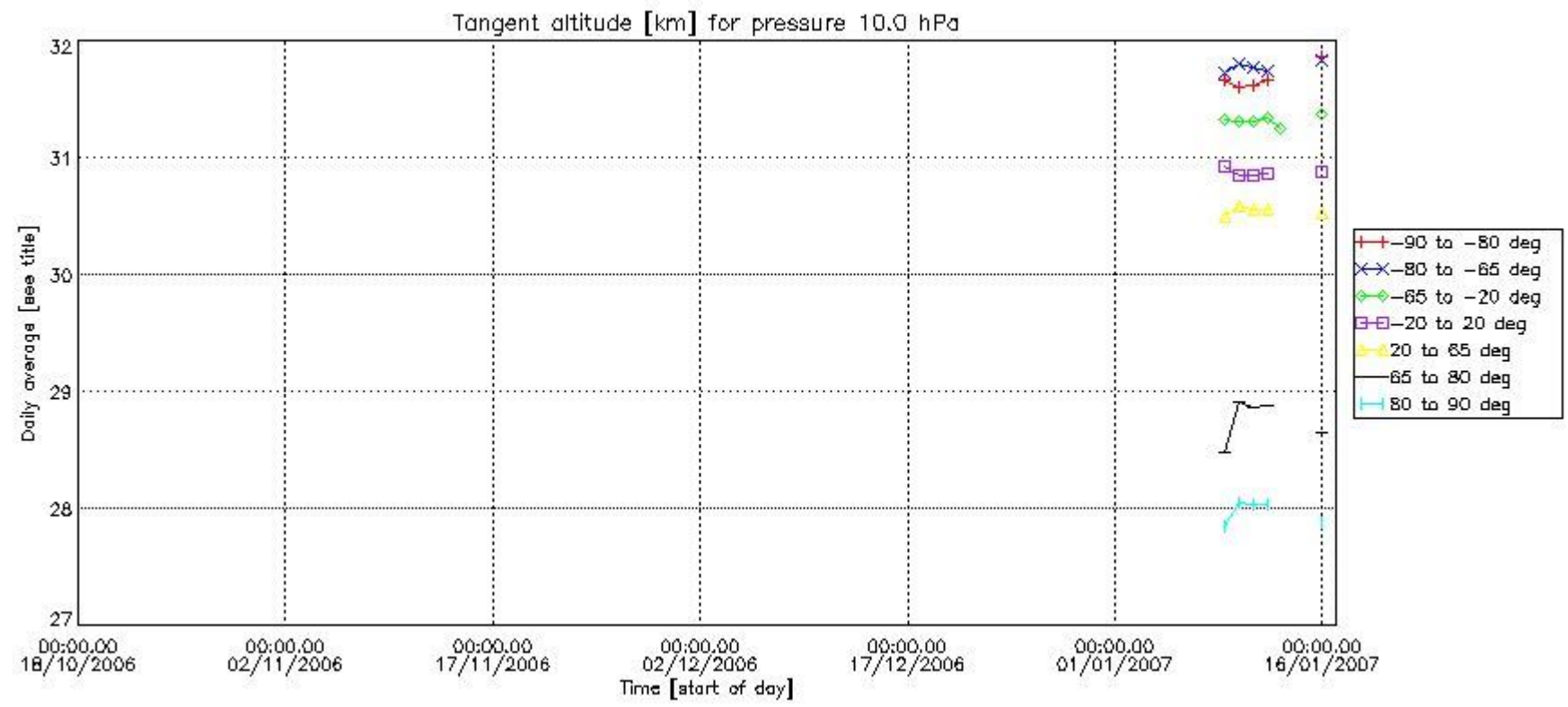


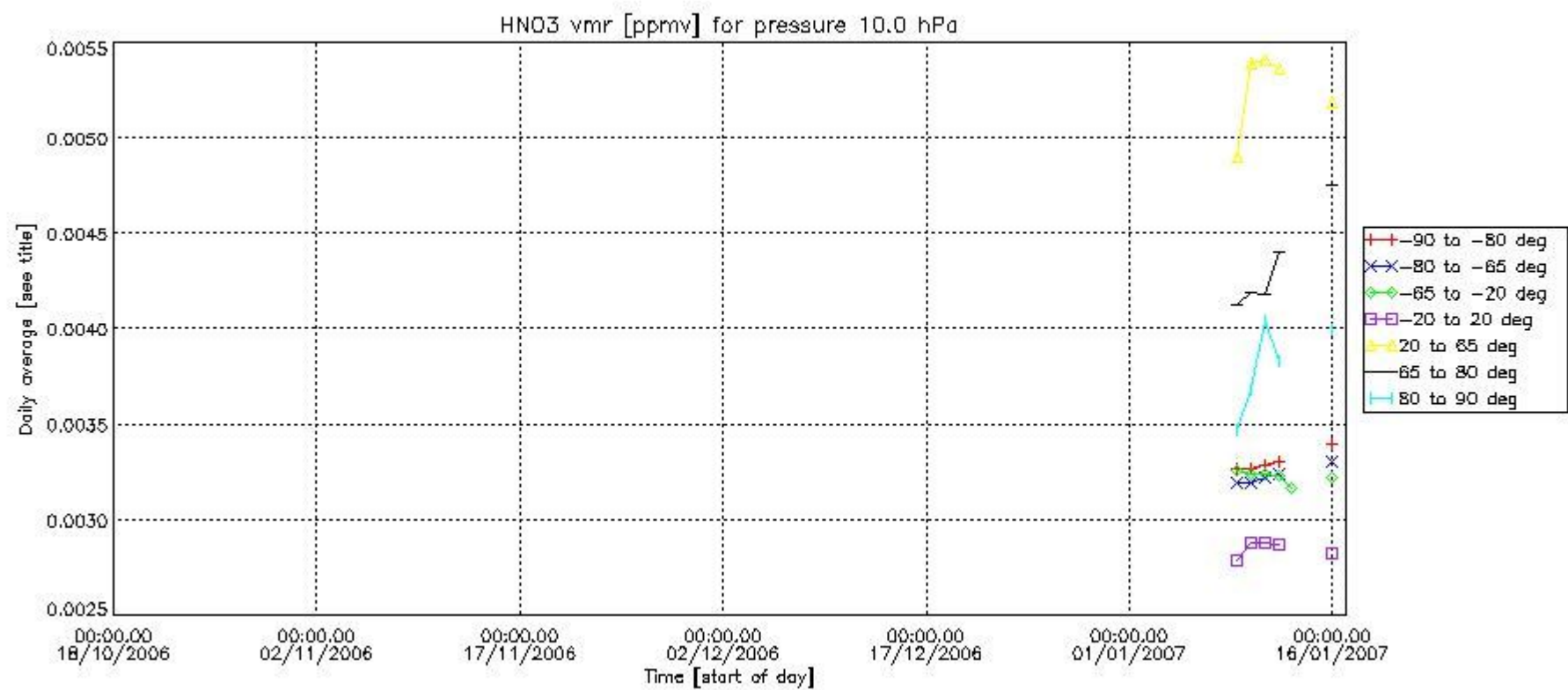
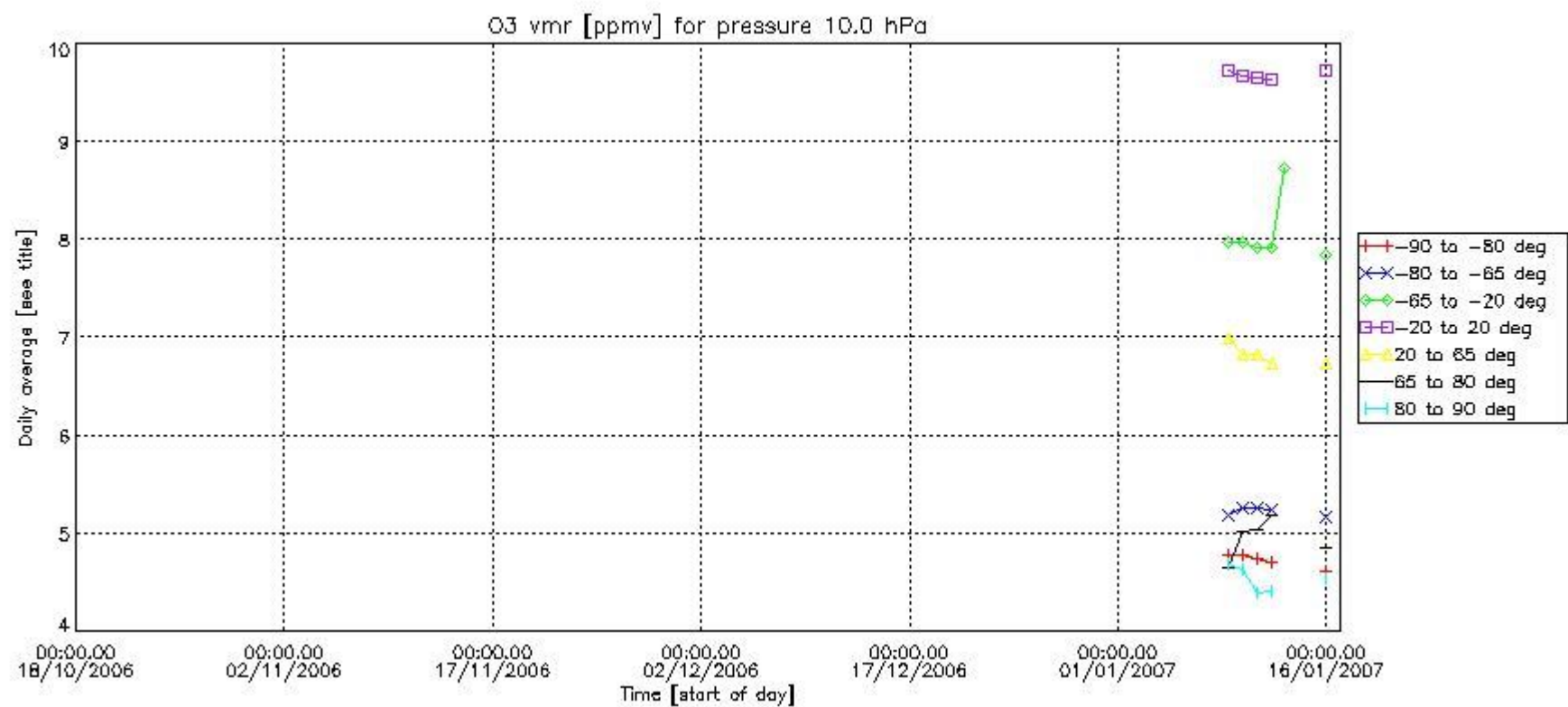


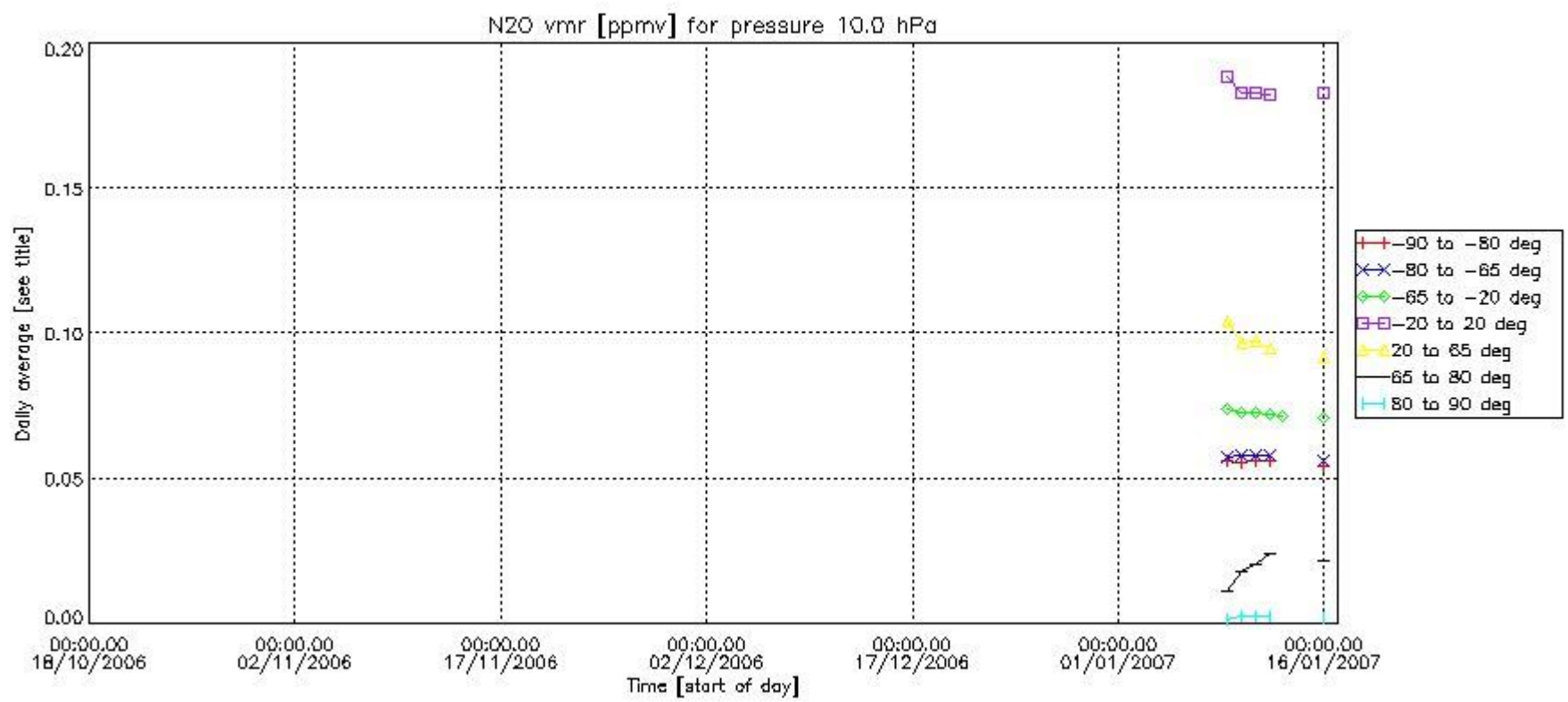
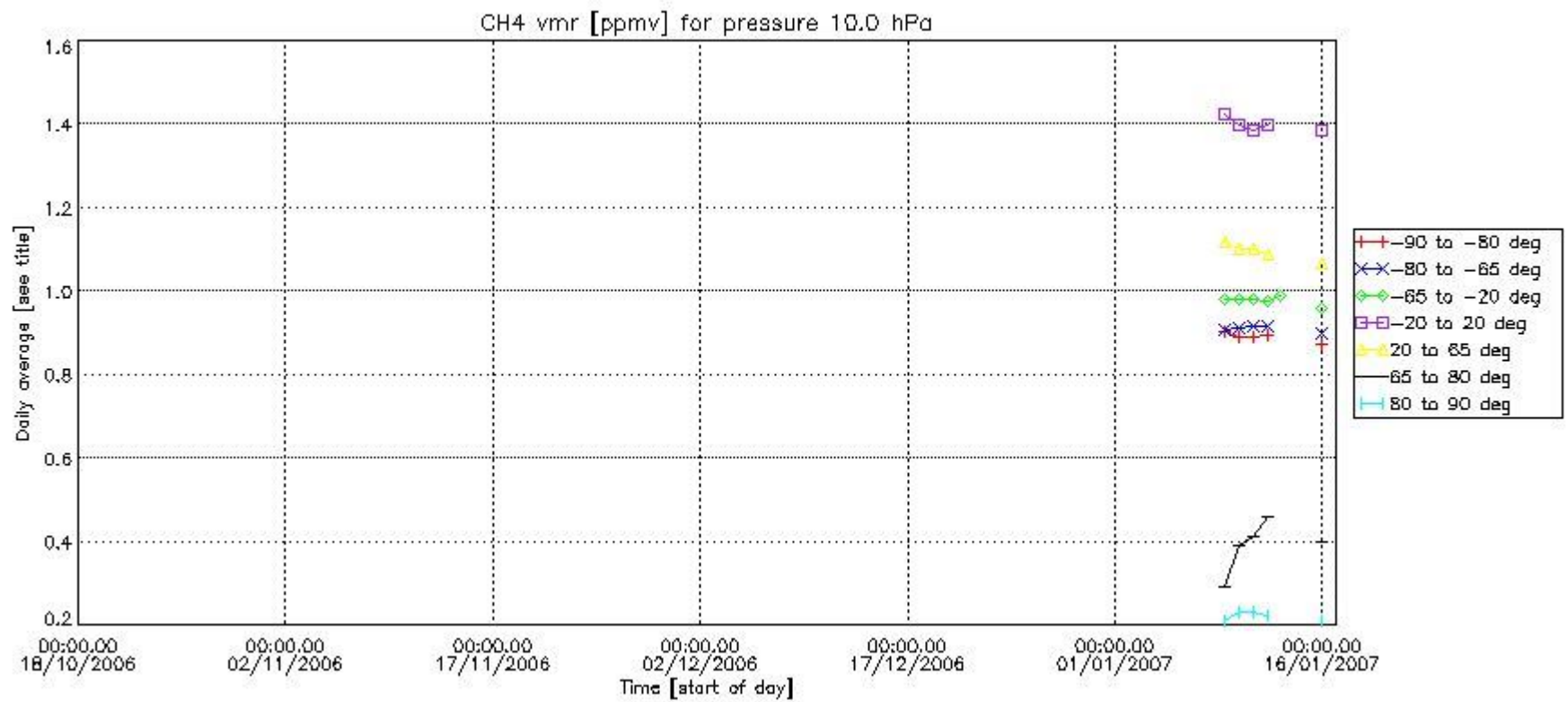


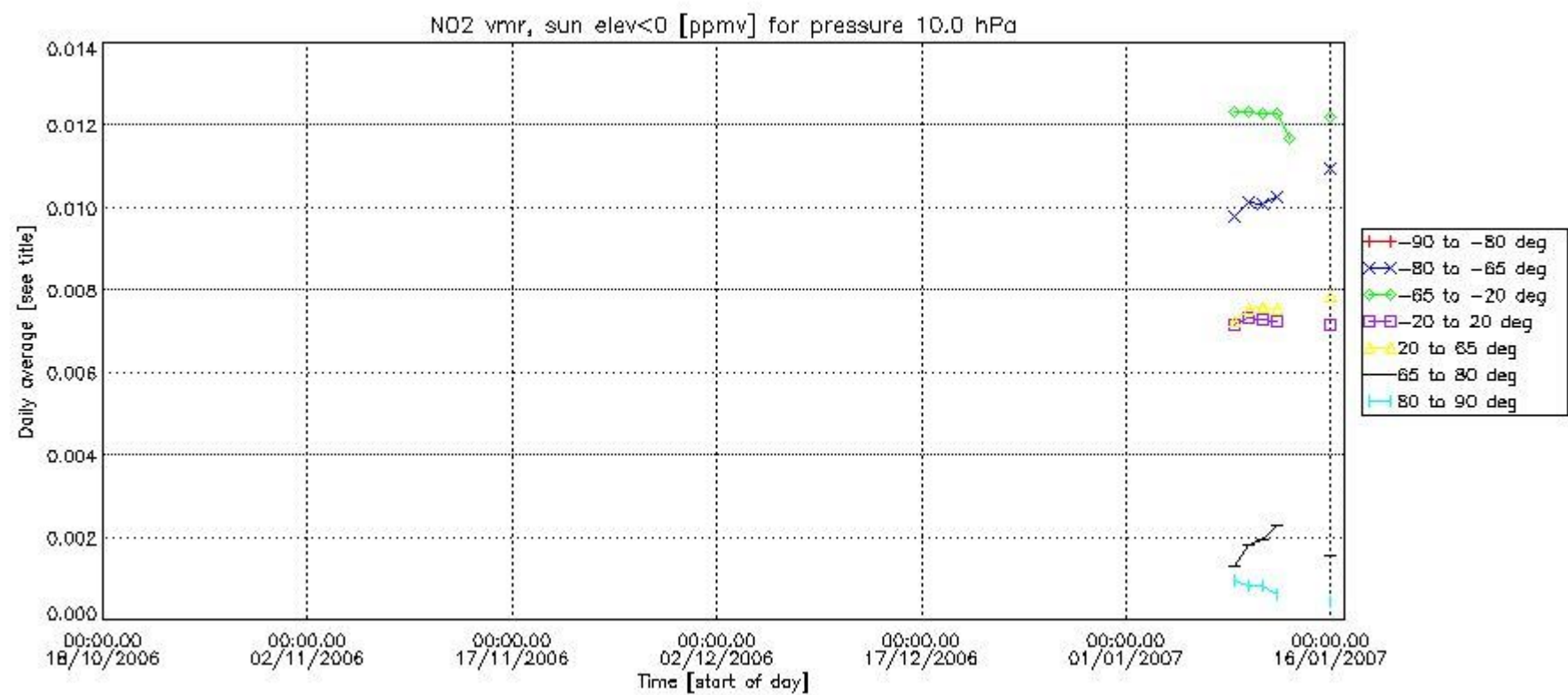
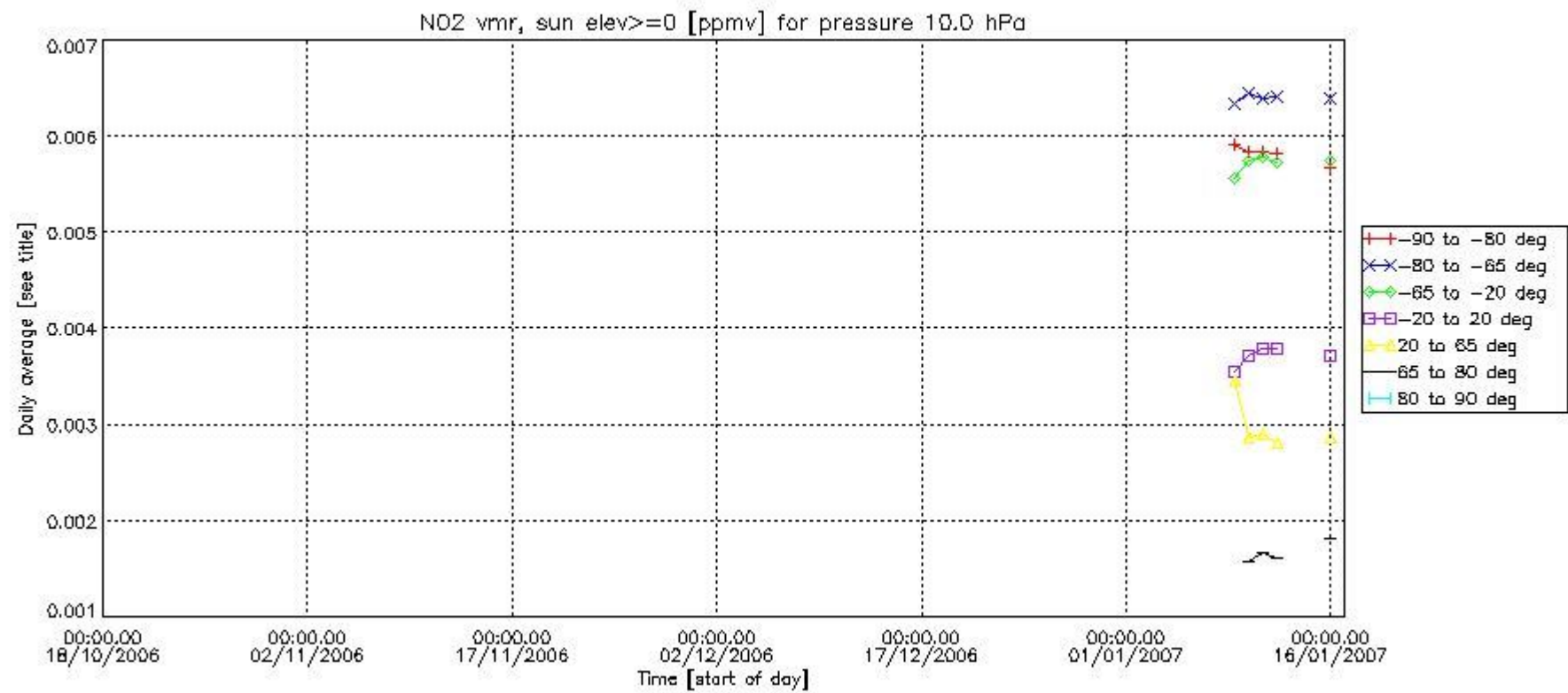


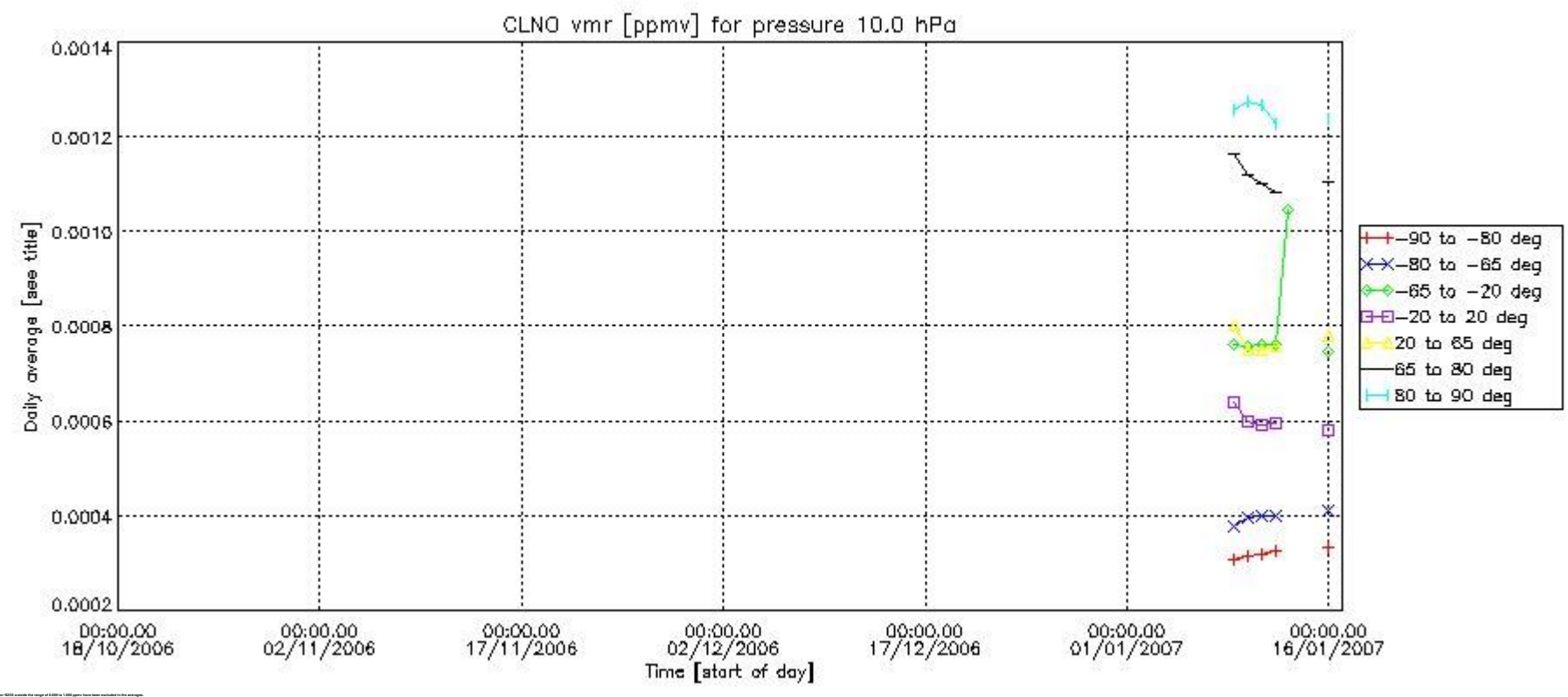
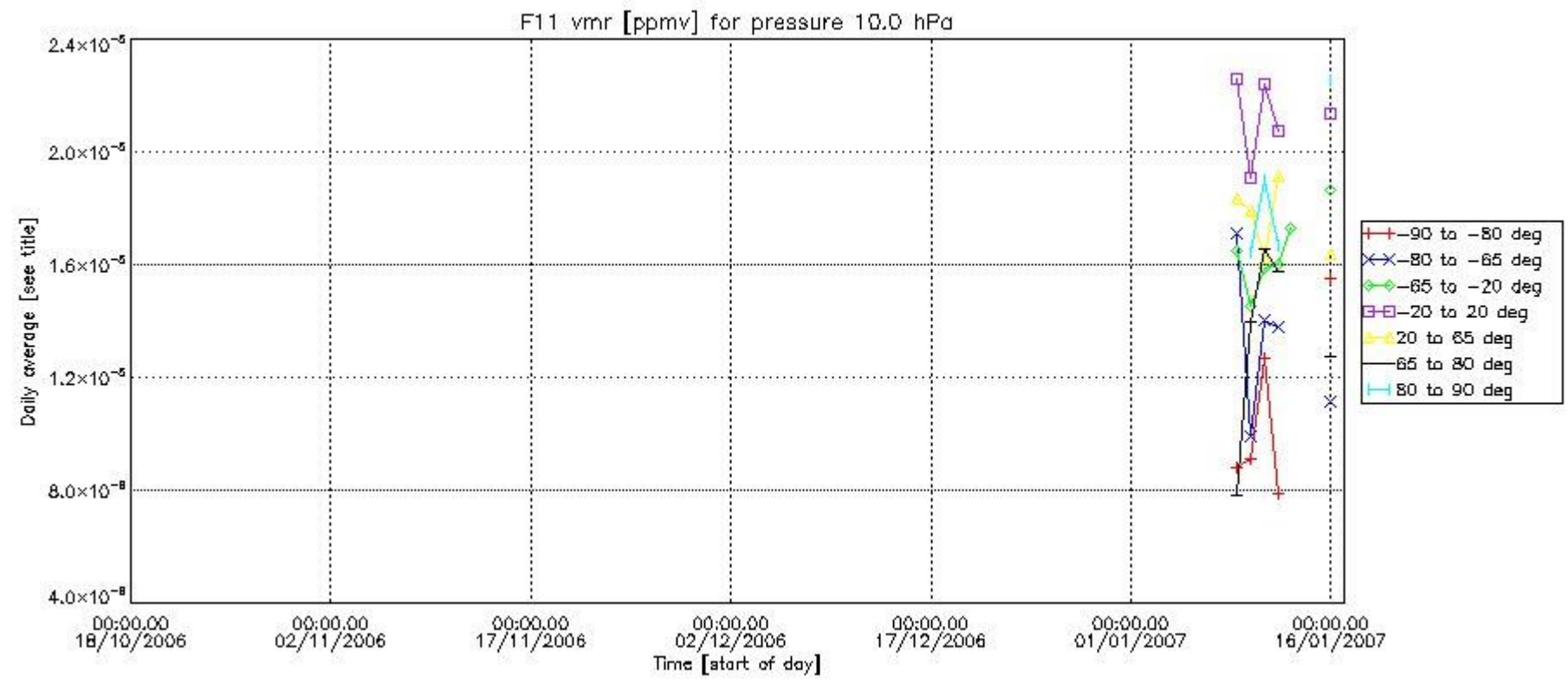


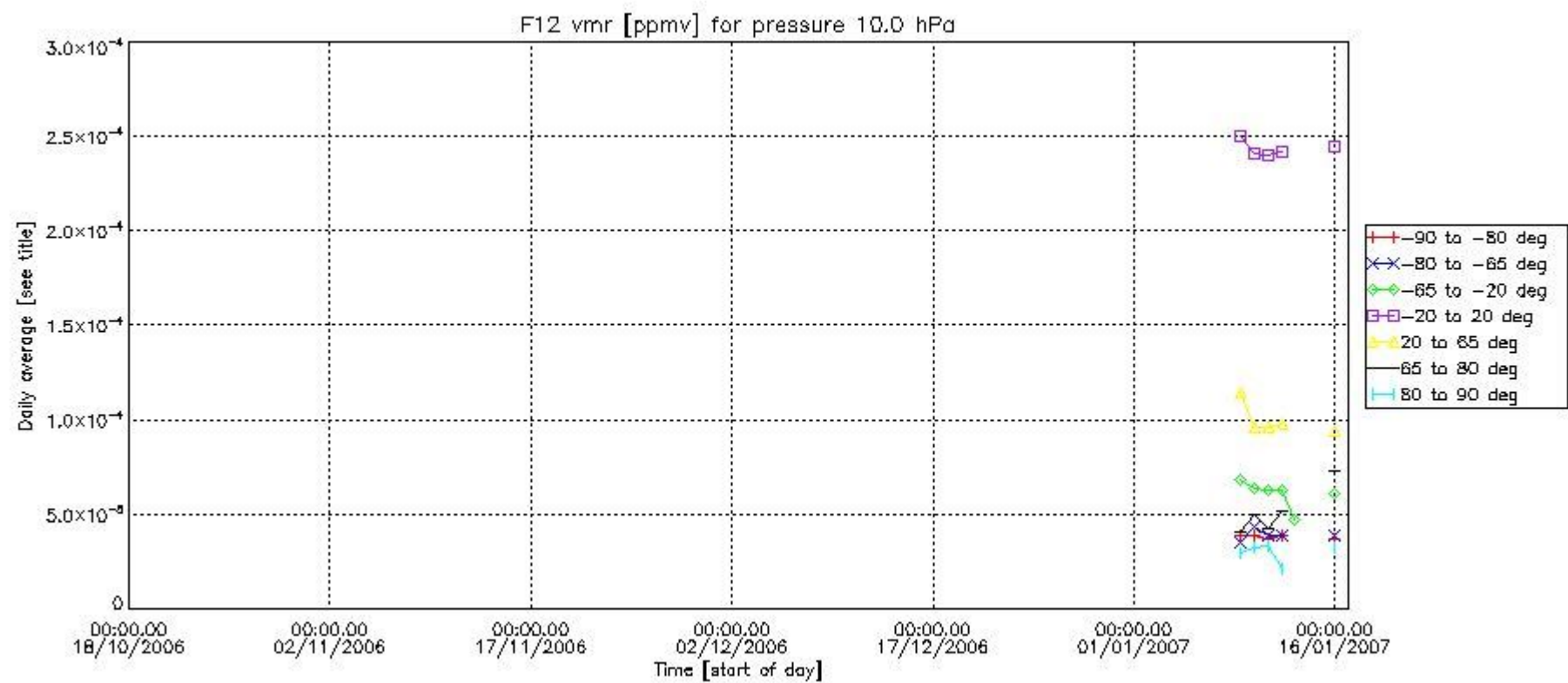
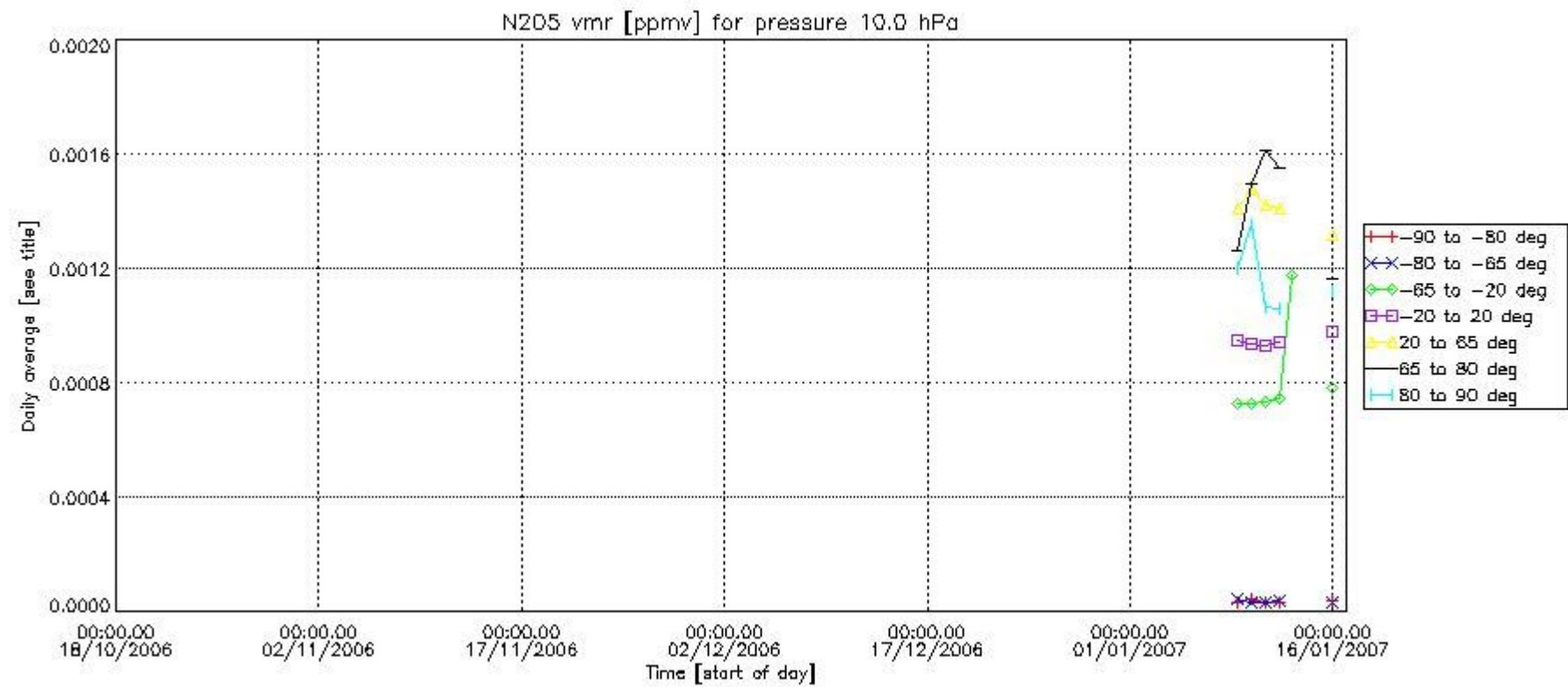


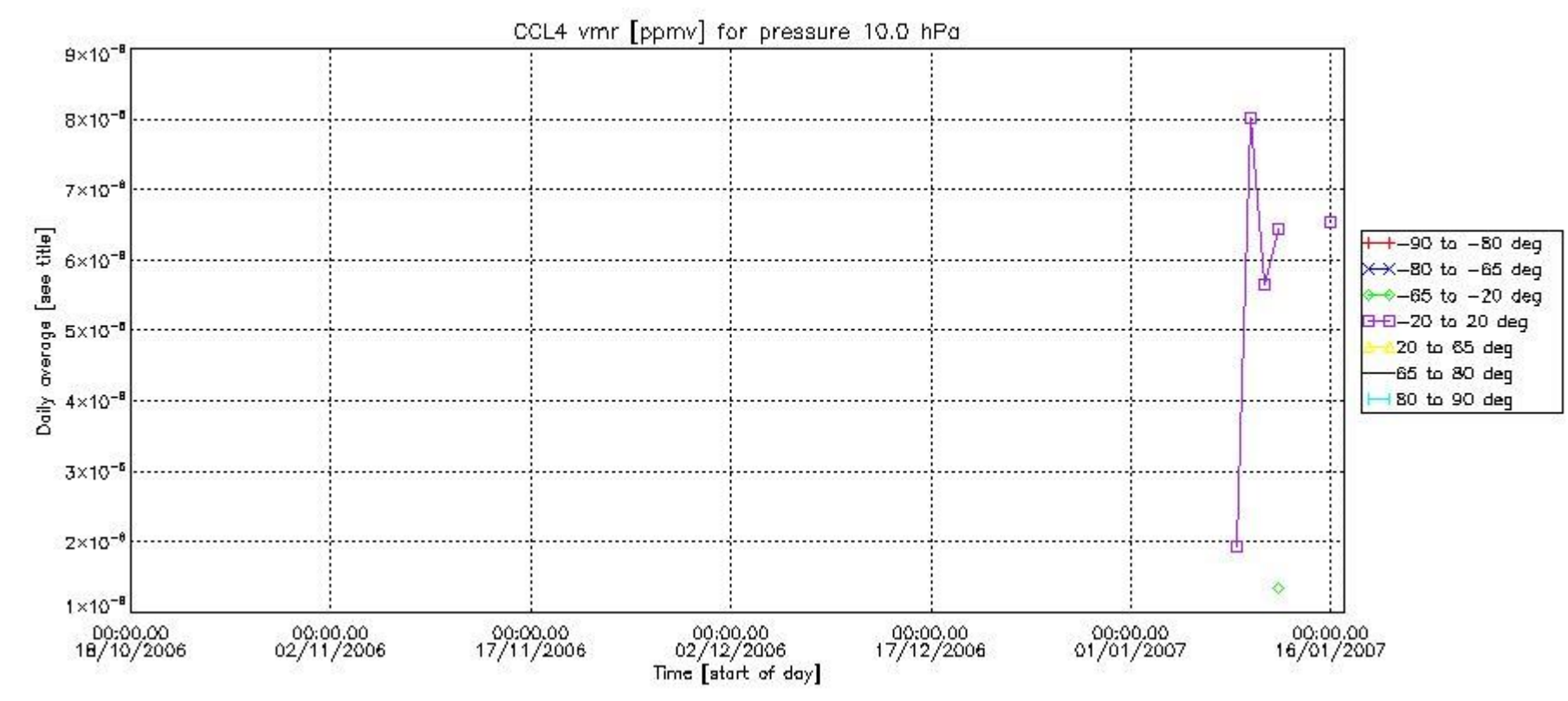
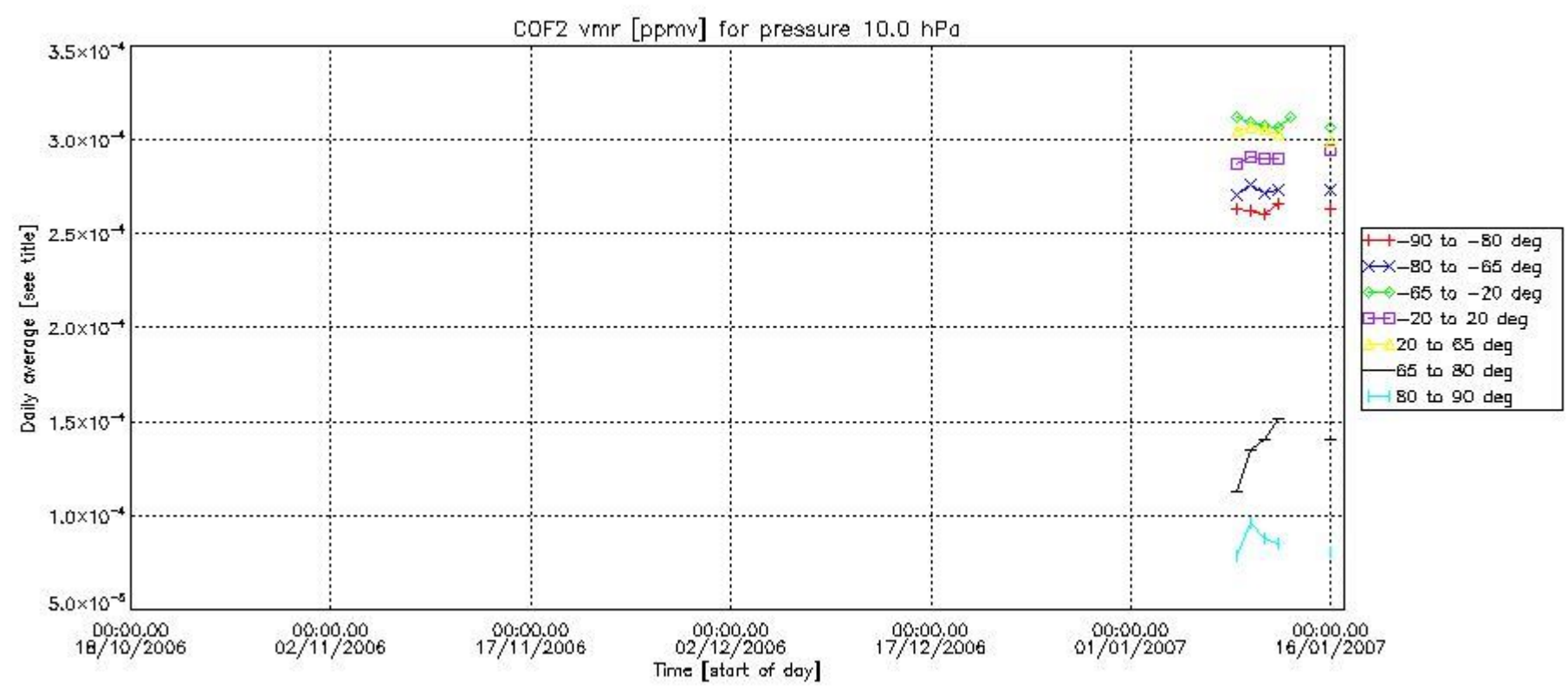


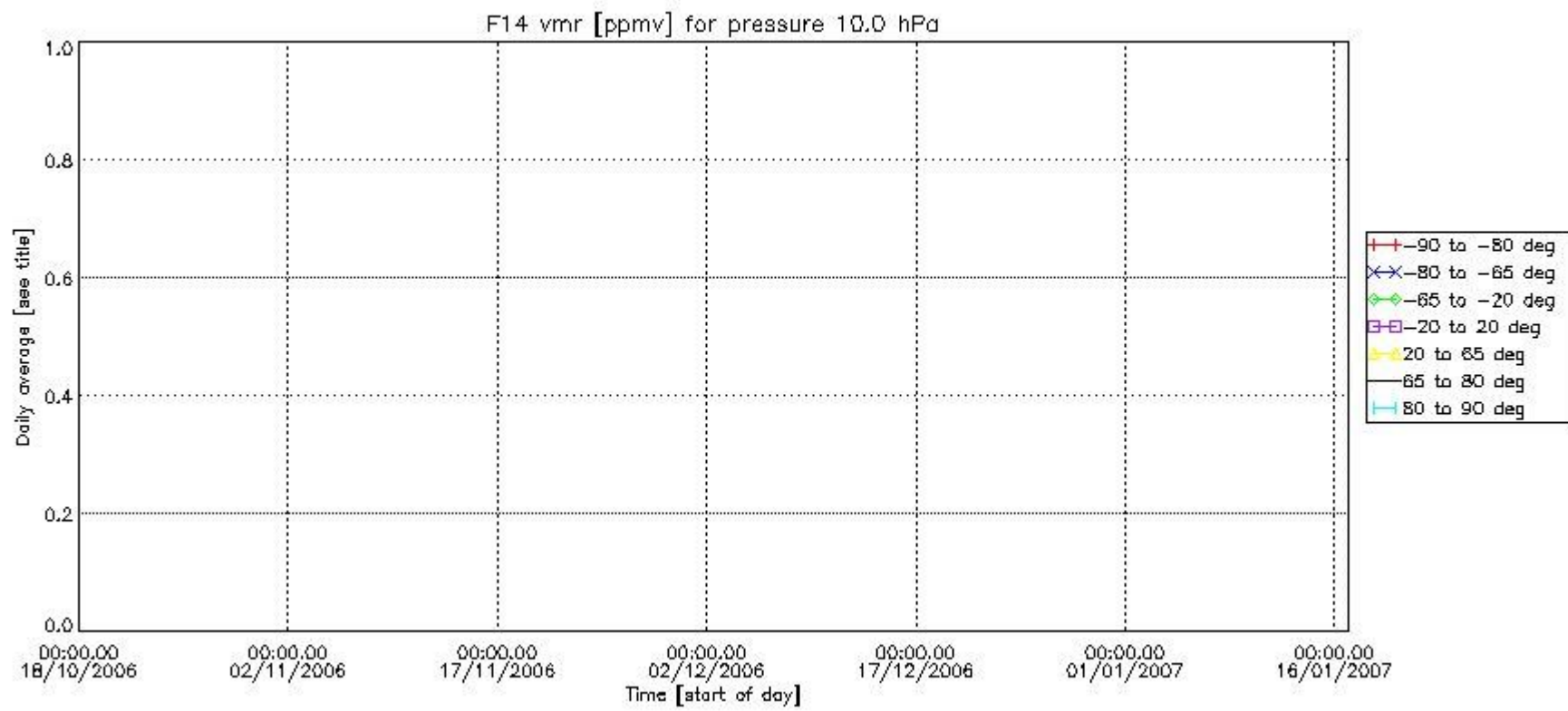
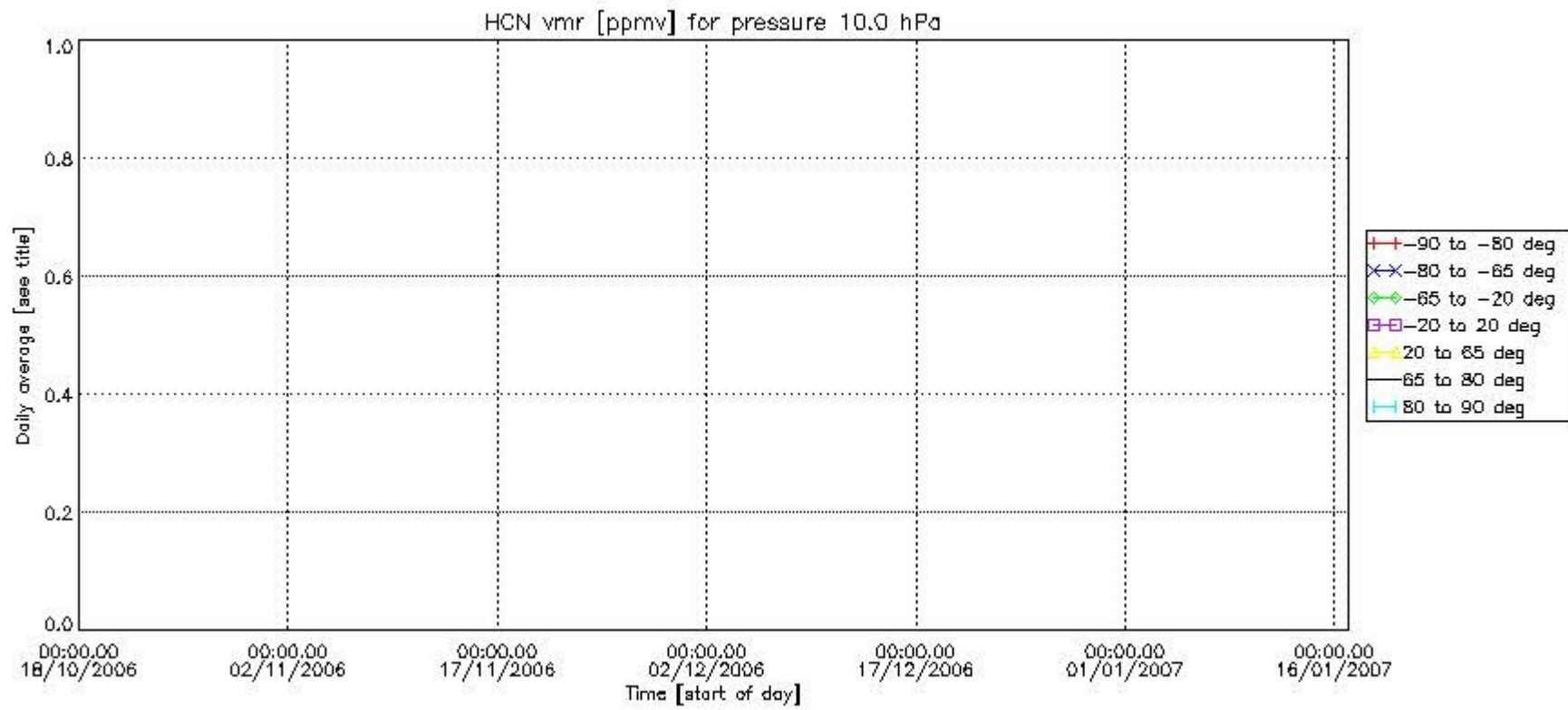


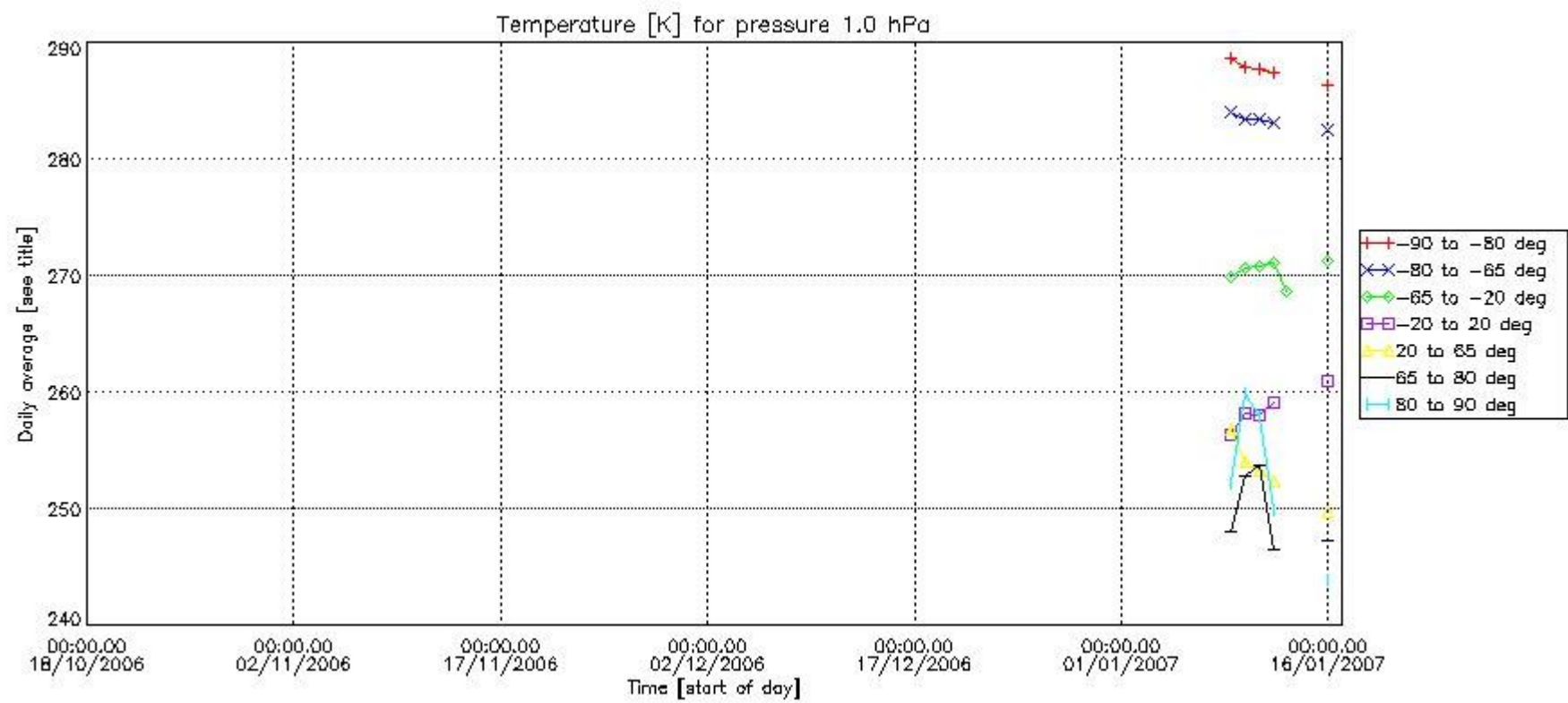
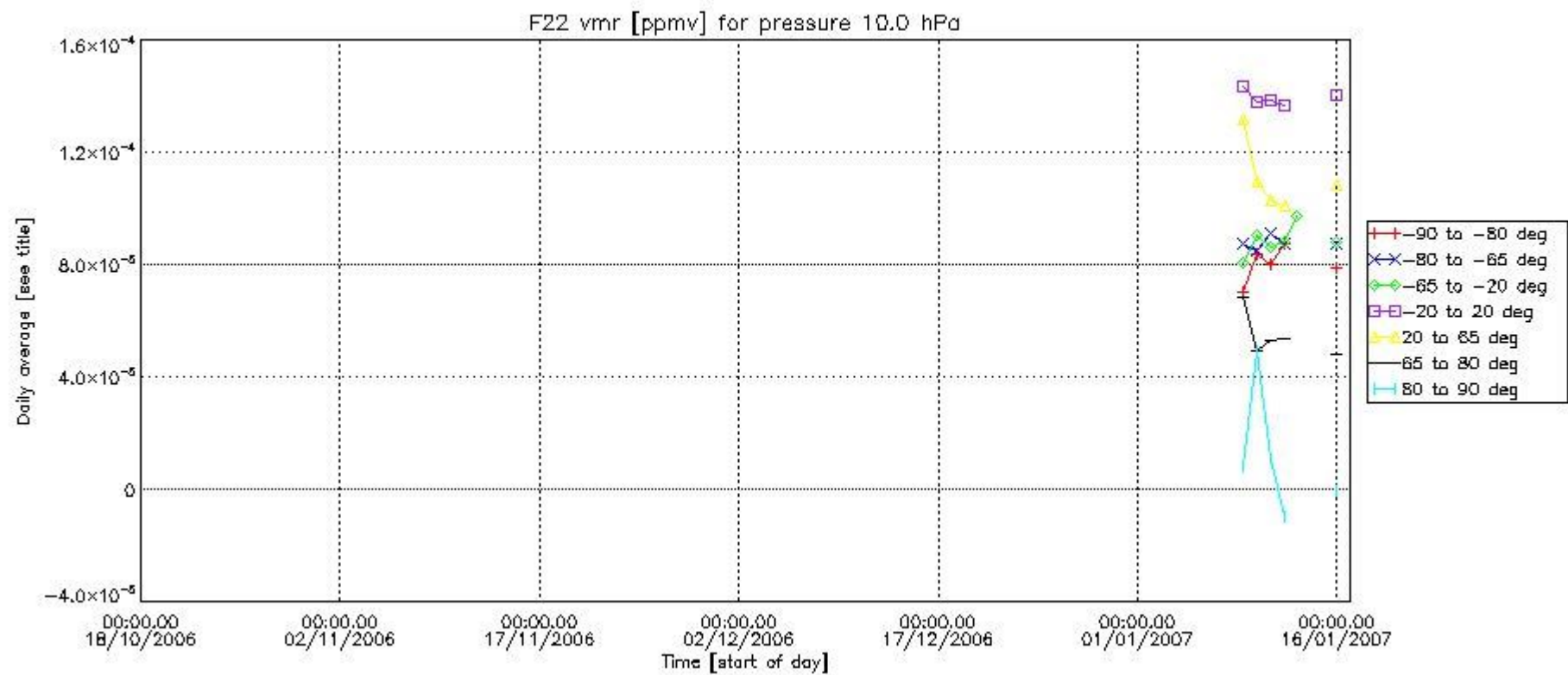


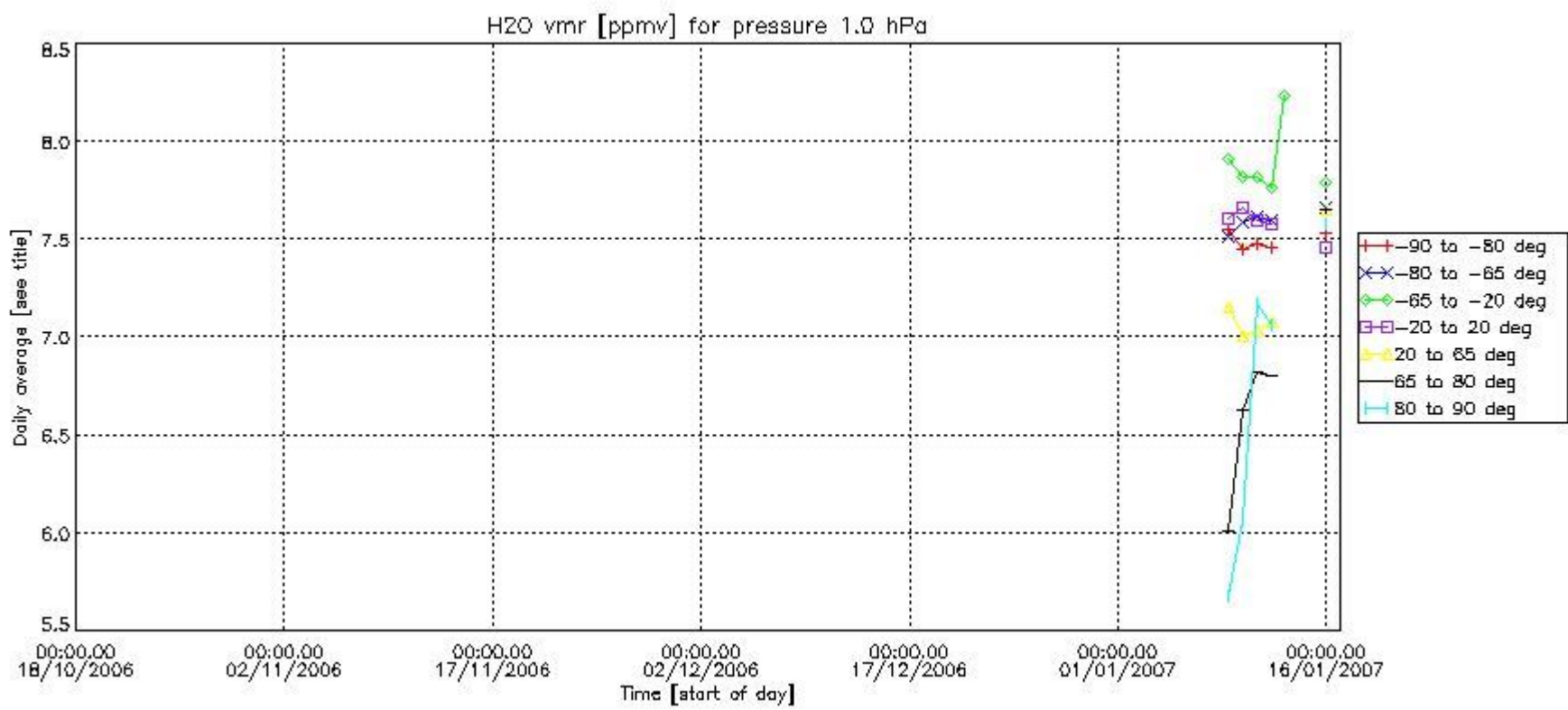
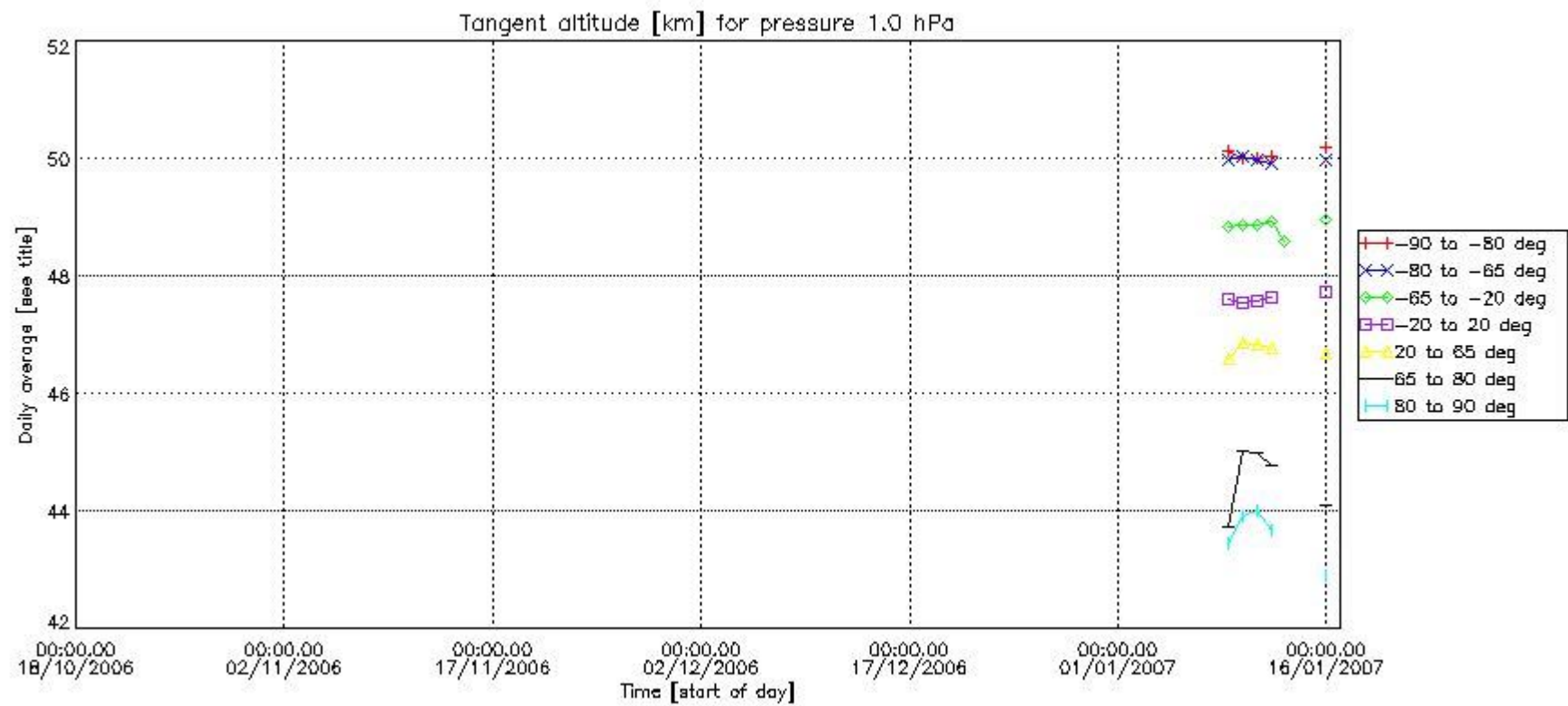


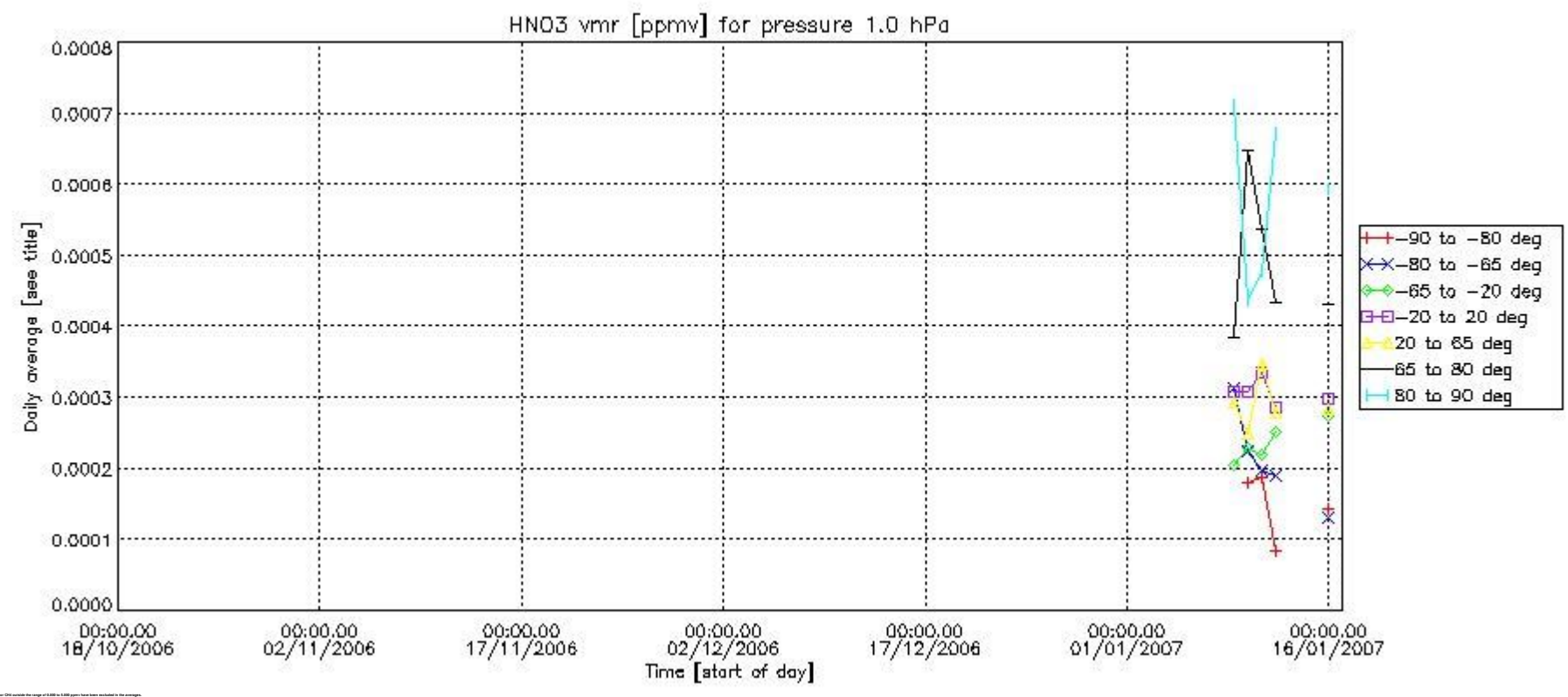
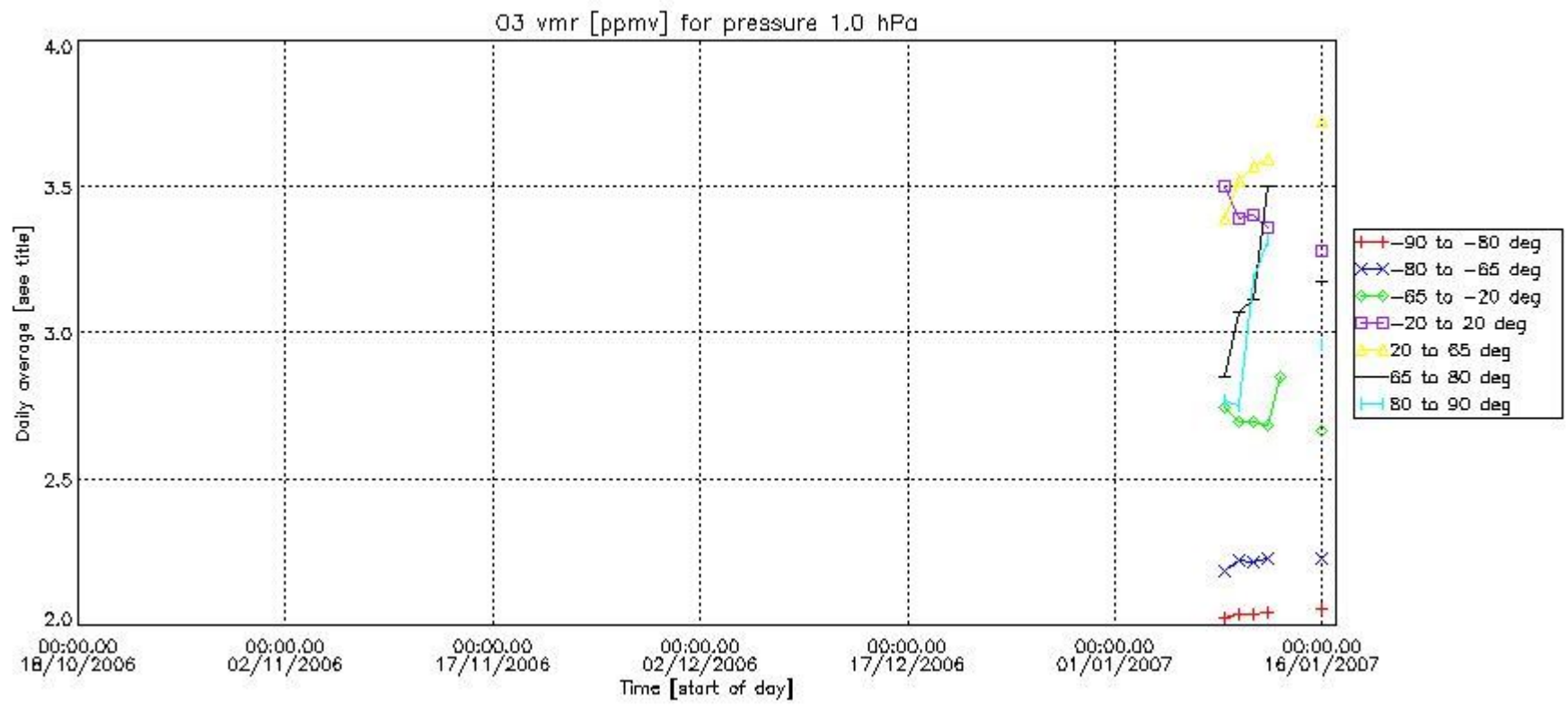


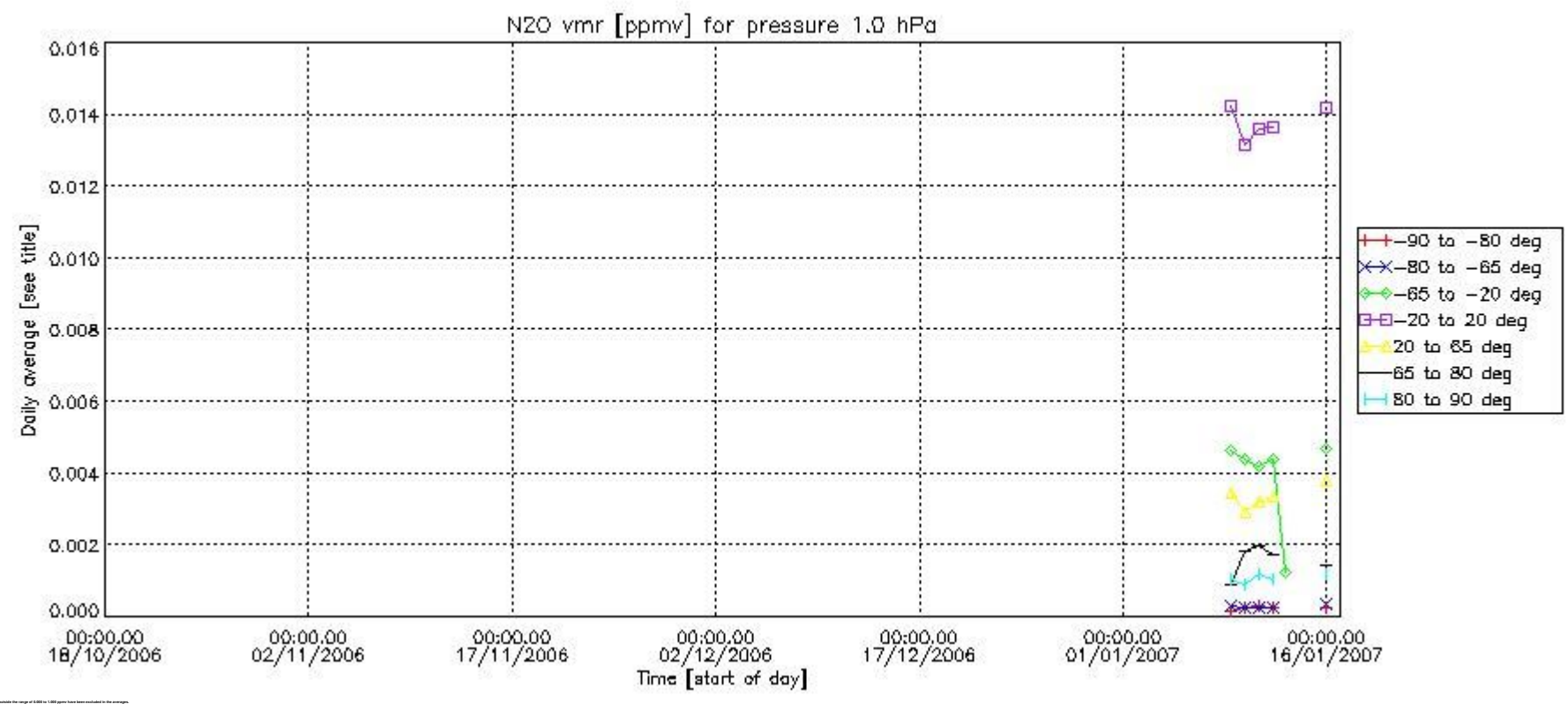
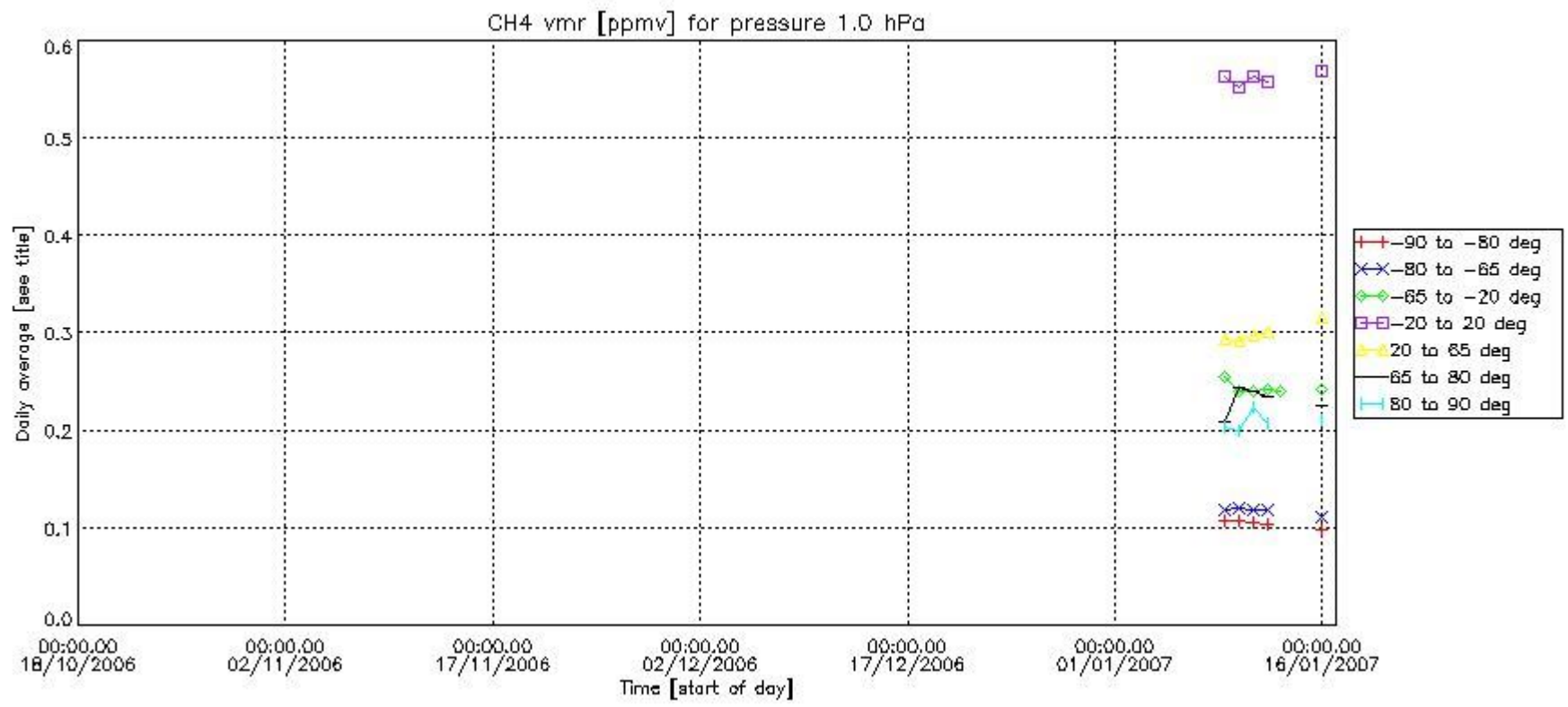


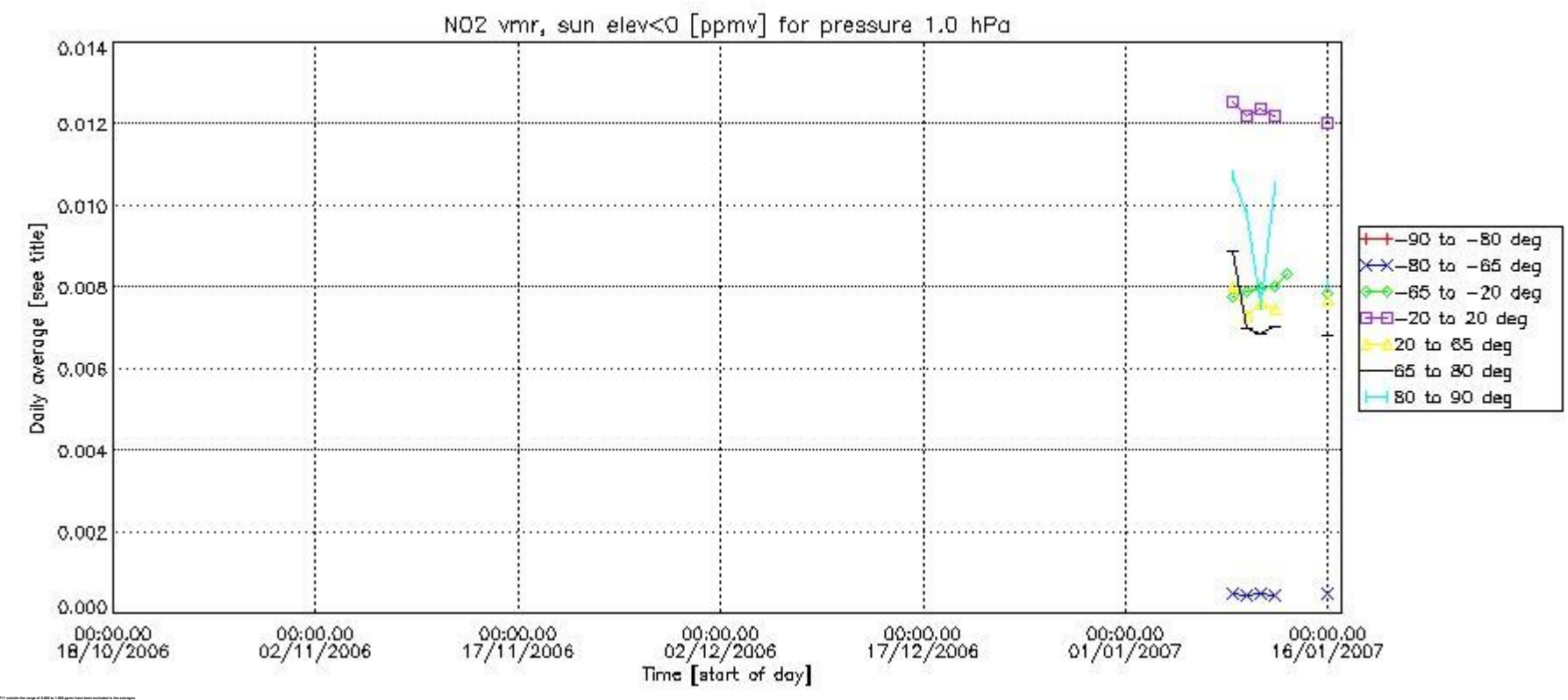
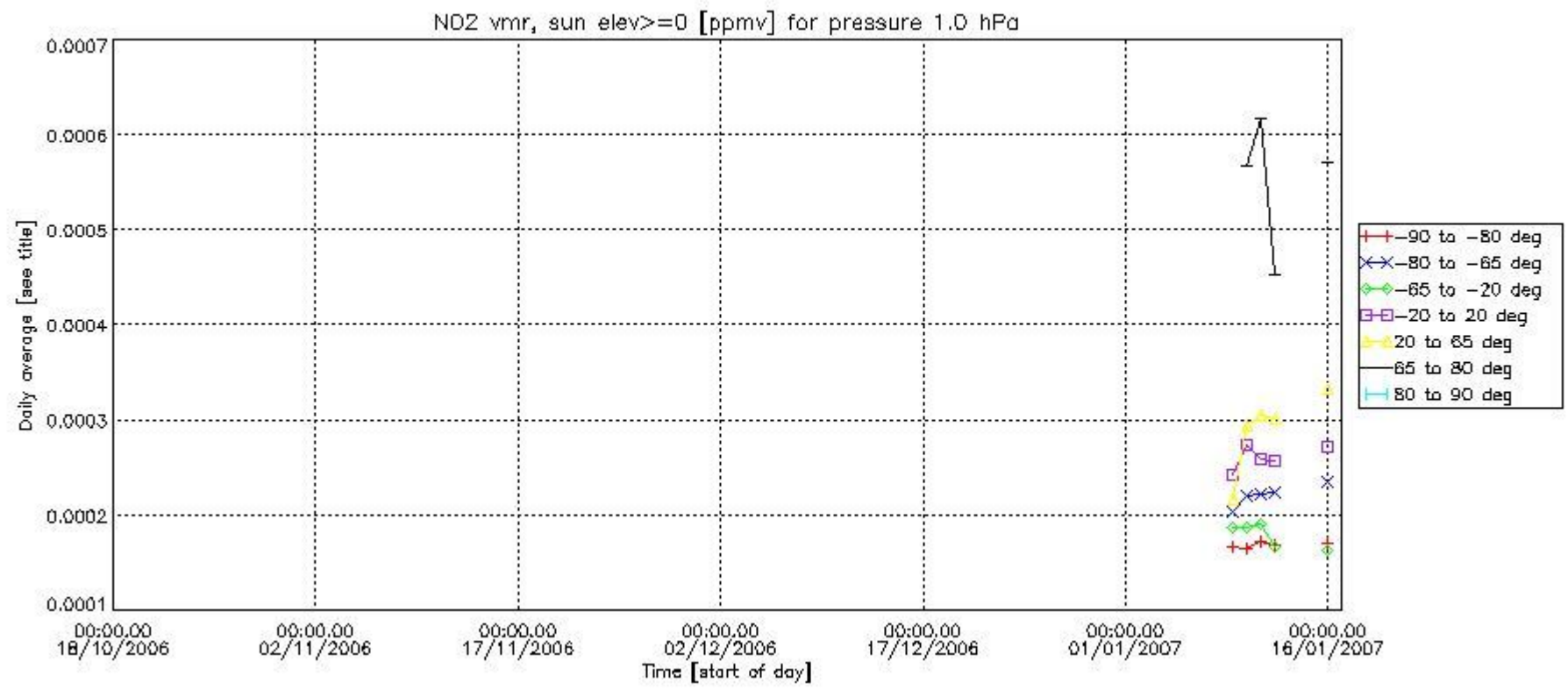


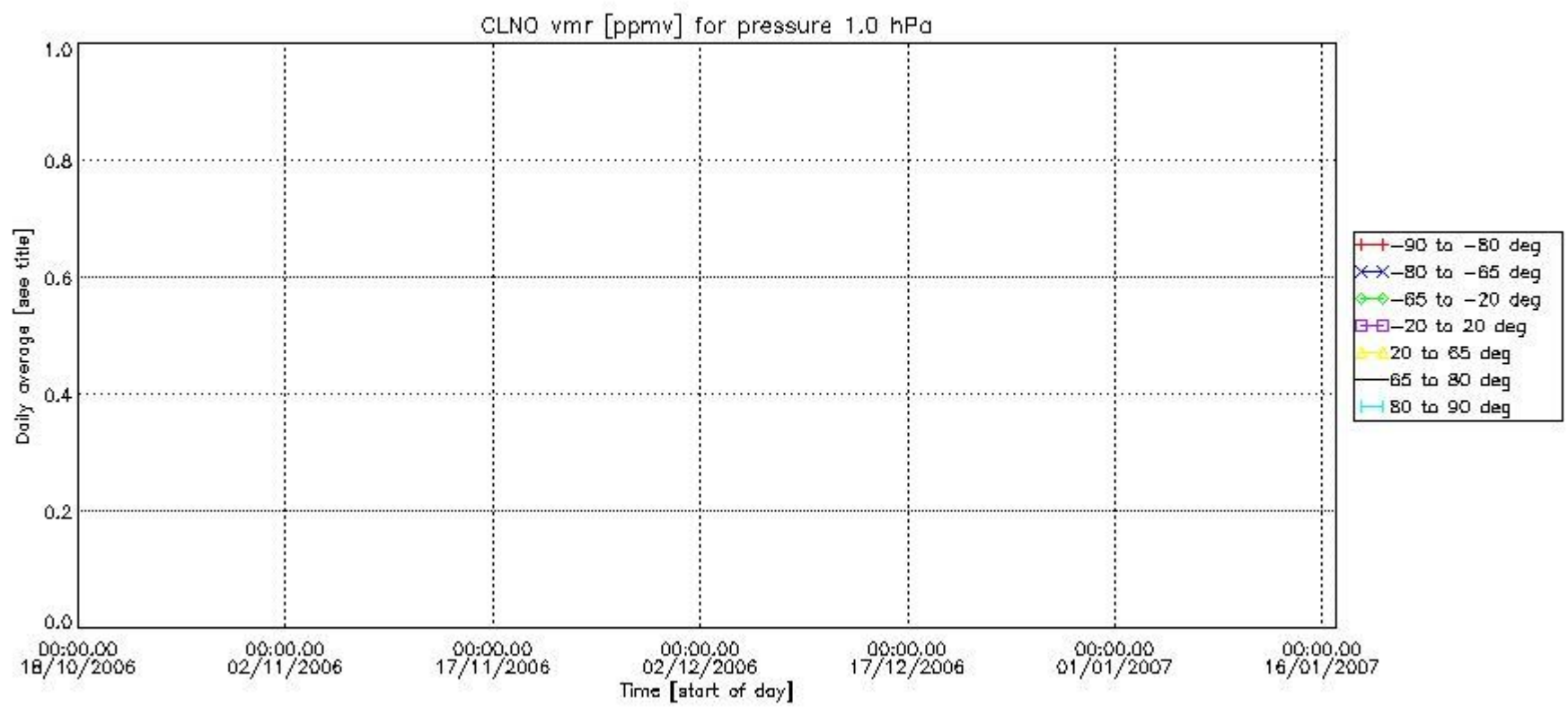
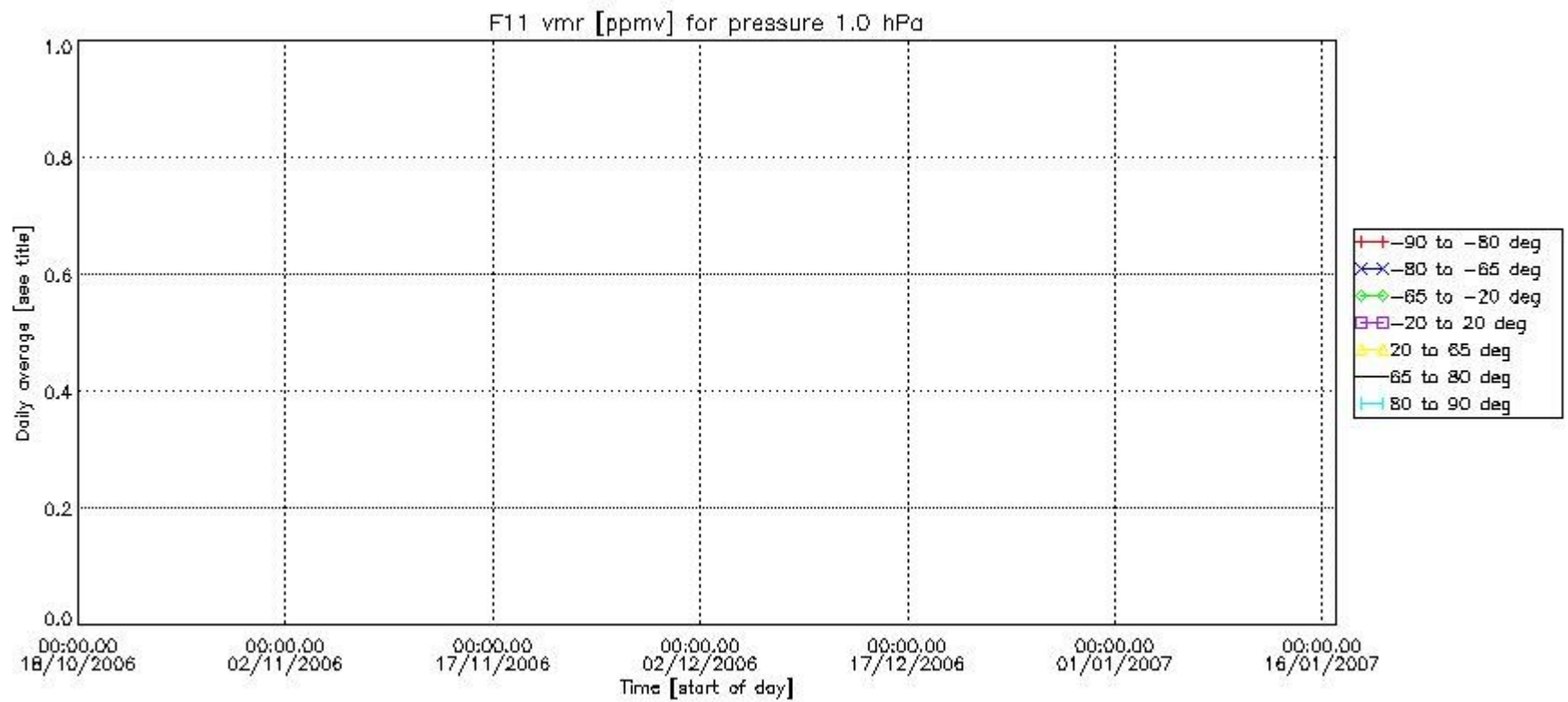


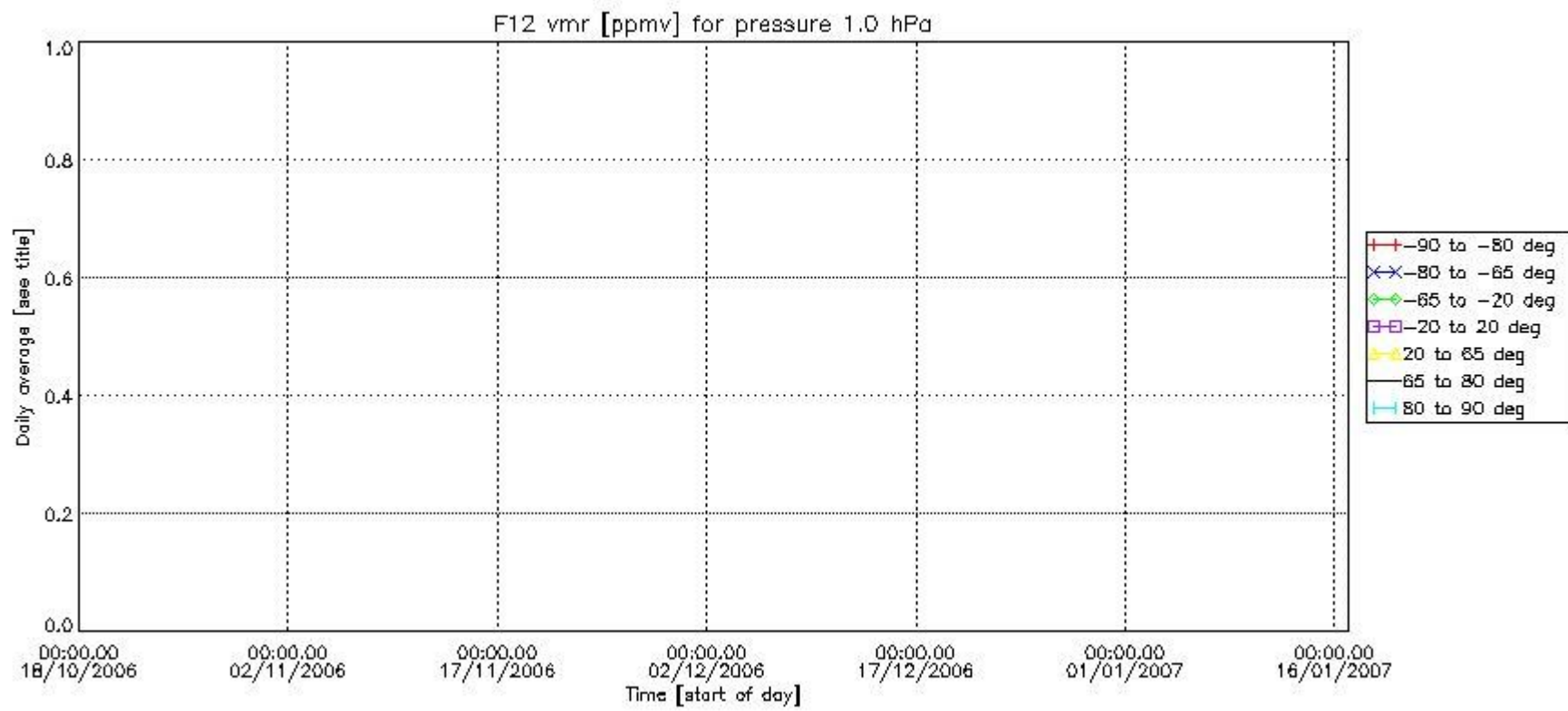
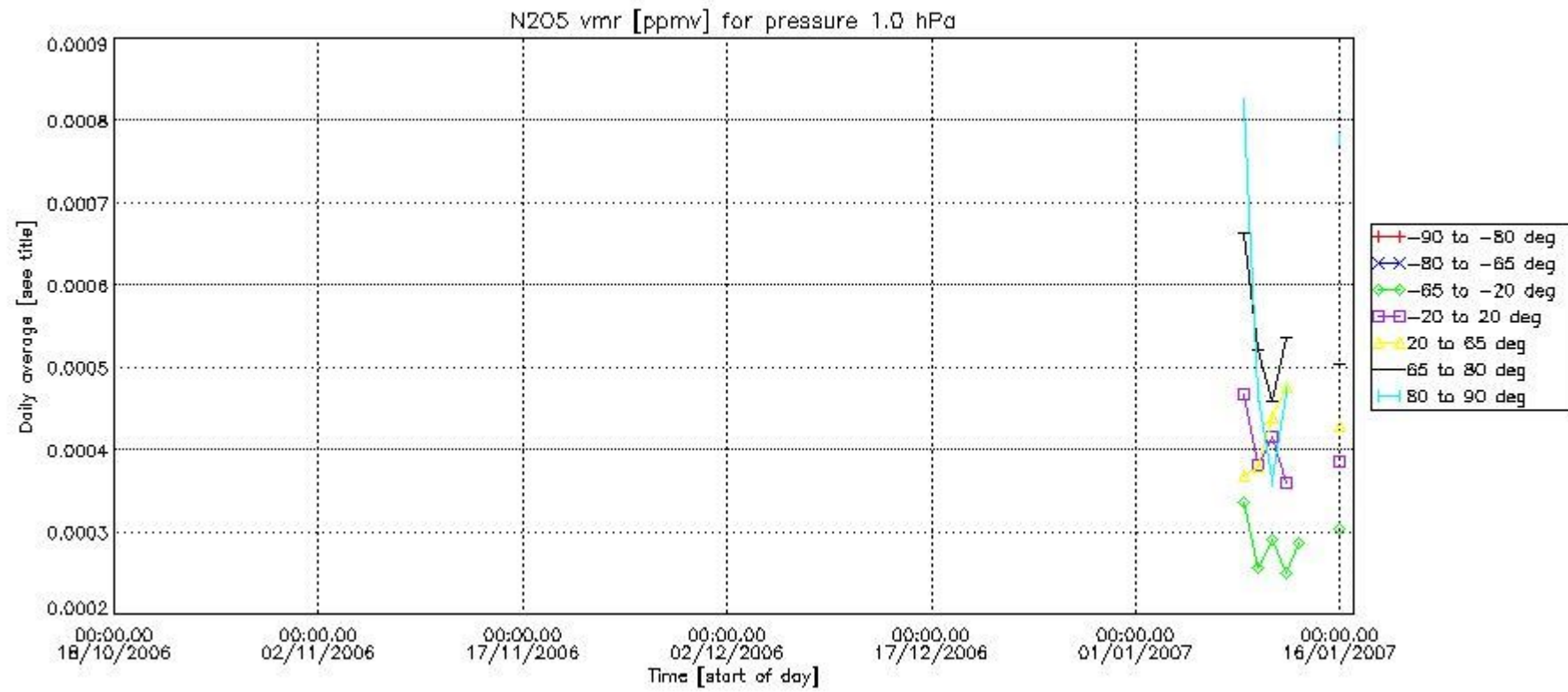


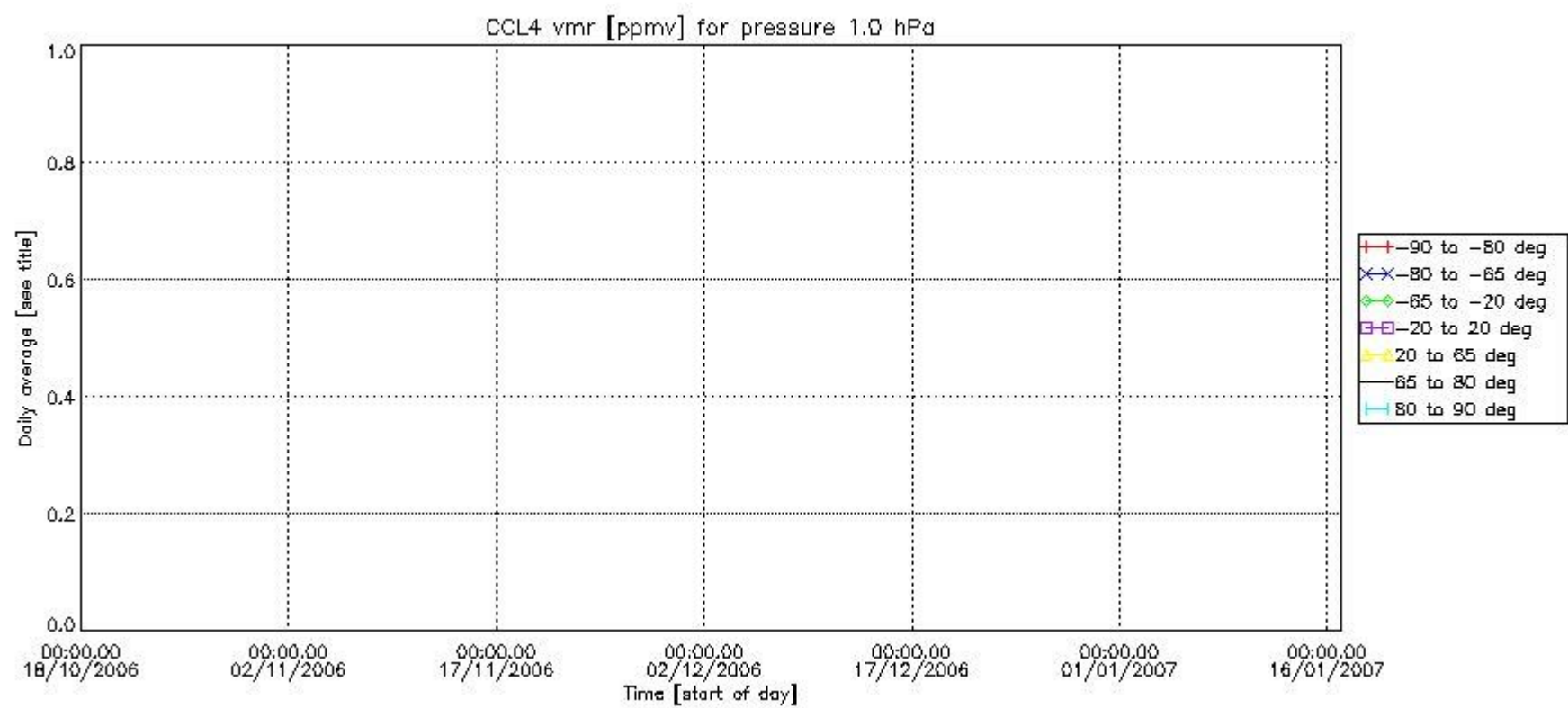
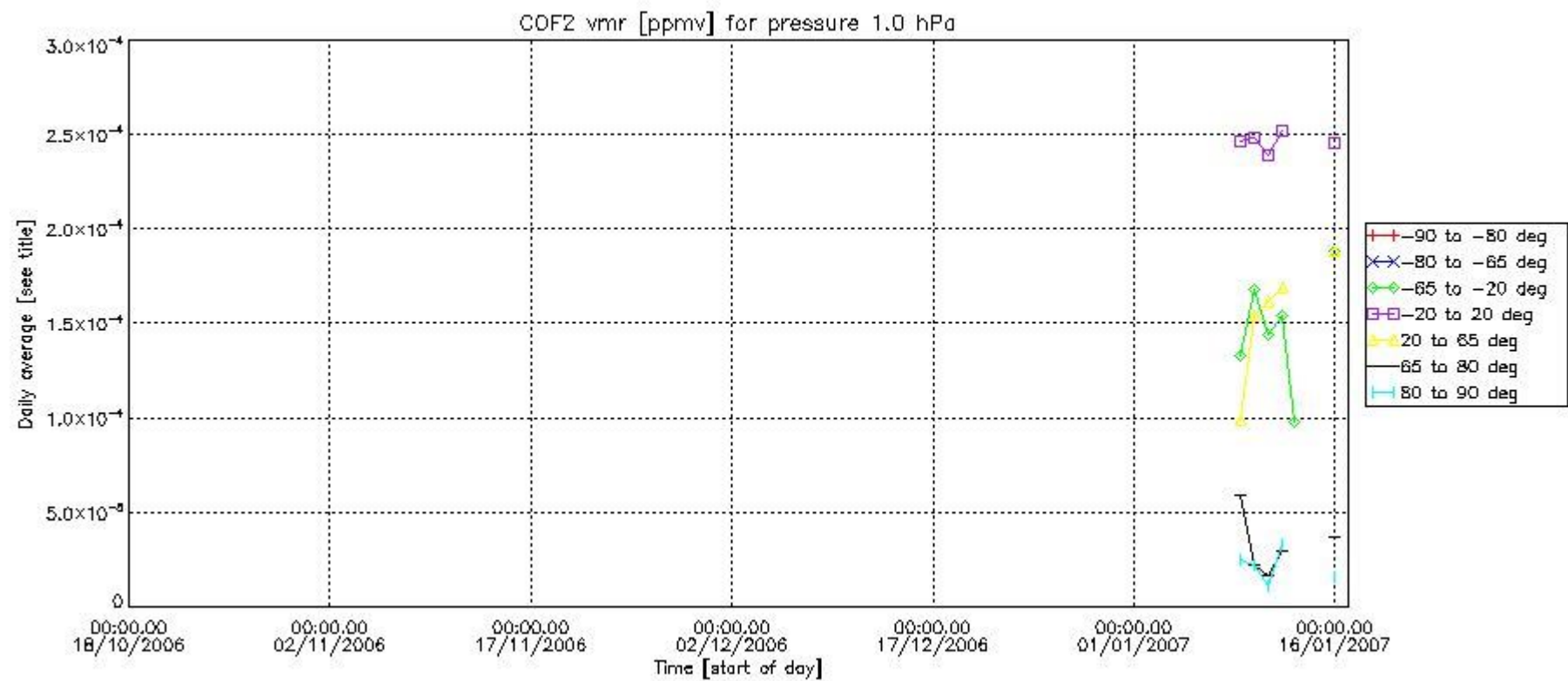


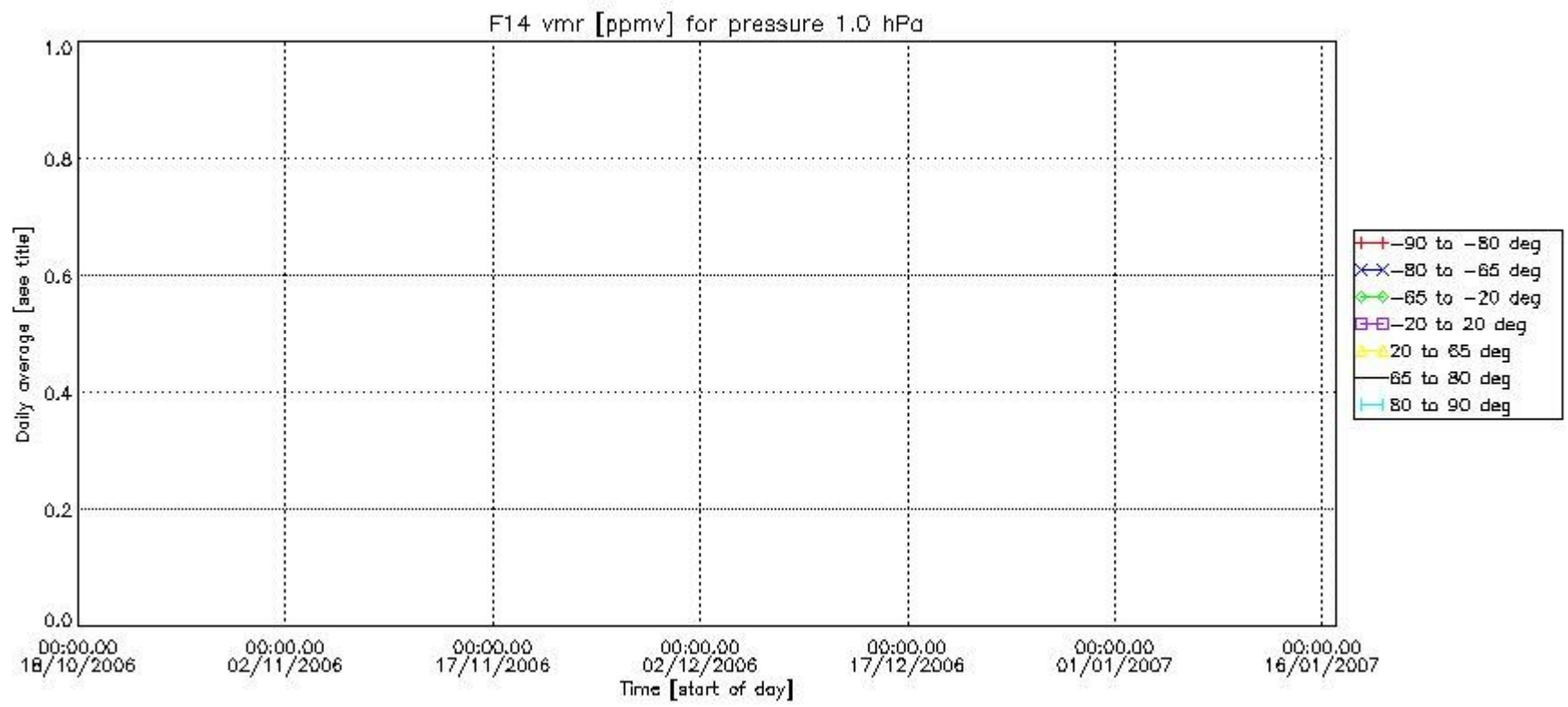
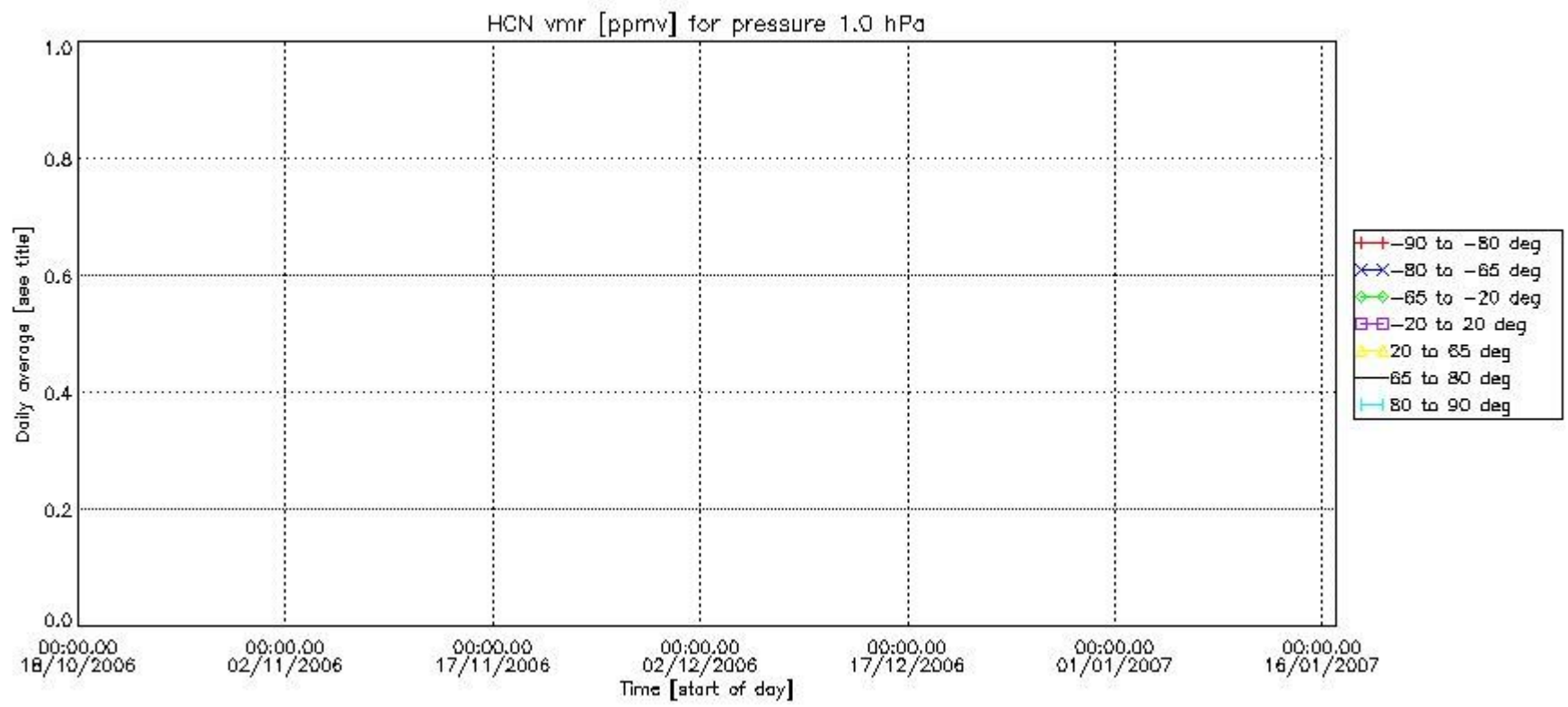


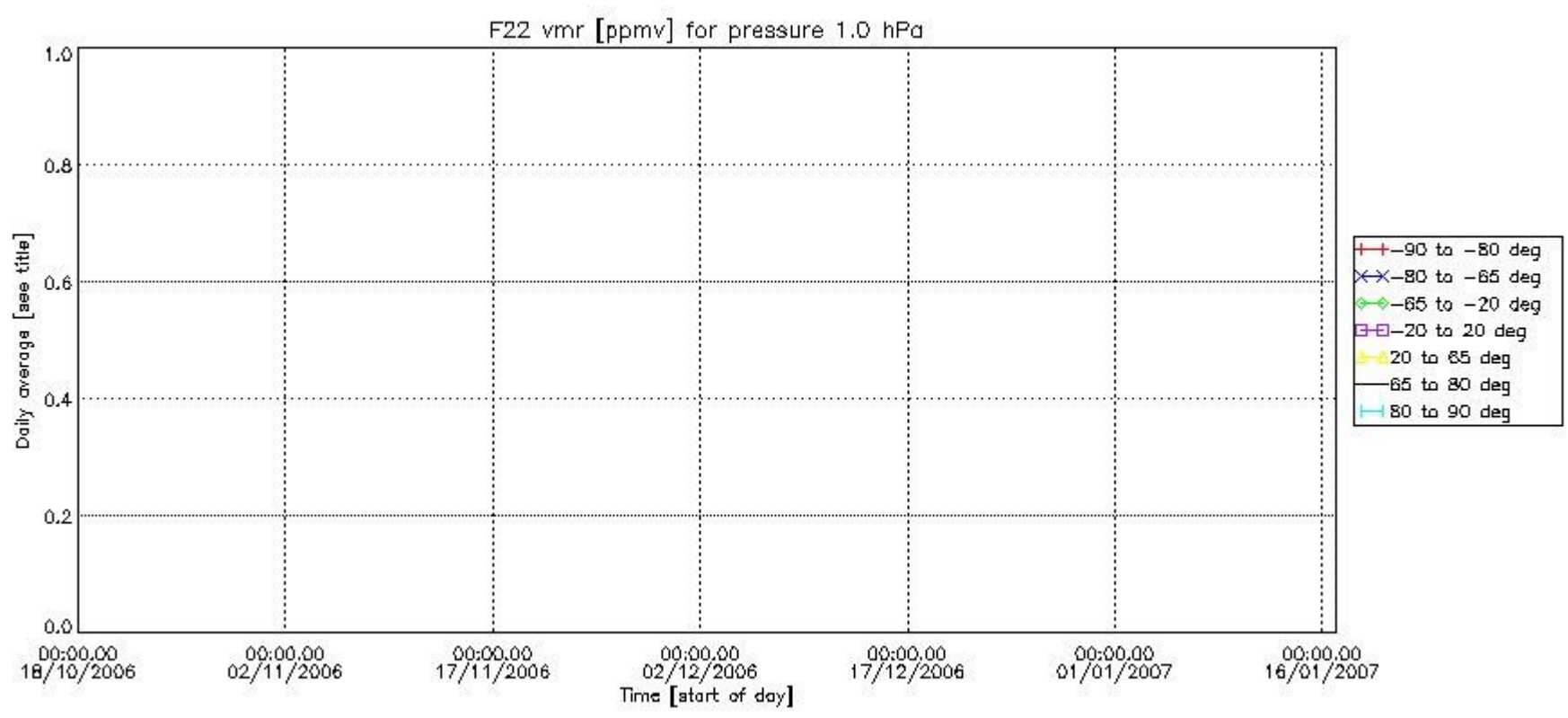












Number of successful retrievals vs. geolocation (*=day side , triangle=night side).

