

2. MIPAS Daily Report for level 2 products summary report

(See [mipas_daily_report_level2_ML2PP_7_03_W_20020702.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	14APR2016 08:31:06
Data source version	ML2PP/7.03-W
Processing scope for products	02JUL2002 00:00:00 to 03JUL2002 00:00:00
Start time of first product within scope	01JUL2002 23:00:34
Stop time of last product within scope	02JUL2002 22:28:16
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_2PWDSI20020701_230034_000060462007_00202_01759_1000.N1	01JUL2002 23:00:34	02JUL2002 00:41:20	0	73/73	
1	MIP_NL_2PWDSI20020702_090439_000059652007_00208_01765_1000.N1	02JUL2002 09:04:39	02JUL2002 10:44:04	0	72/72	
2	MIP_NL_2PWDSI20020702_104414_000016512007_00209_01766_1000.N1	02JUL2002 10:44:14	02JUL2002 11:11:45	0	20/20	VMR_TERM_MACRO_MICRO[COF2/micro:1]
3	MIP_NL_2PWDSI20020702_125124_000044322007_00210_01767_1000.N1	02JUL2002 12:51:24	02JUL2002 14:05:17	0	54/53	VMR_TERM_MACRO_MICRO[NO2/micro:1; COF2/micro:1]
4	MIP_NL_2PWDSI20020702_140526_000060562007_00211_01768_1000.N1	02JUL2002 14:05:26	02JUL2002 15:46:23	0	73/73	VMR_TERM_MACRO_MICRO[HCN/micro:1]
5	MIP_NL_2PWDSI20020702_154632_000060462007_00212_01769_1000.N1	02JUL2002 15:46:32	02JUL2002 17:27:19	0	73/73	VMR_TERM_MACRO_MICRO[N2O5/micro:1]
6	MIP_NL_2PWDSI20020702_190713_000060462007_00214_01771_1000.N1	02JUL2002 19:07:13	02JUL2002 20:47:59	0	73/73	
7	MIP_NL_2PWDSI20020702_204820_000059972007_00215_01772_1000.N1	02JUL2002 20:48:20	02JUL2002 22:28:16	0	73/72	VMR_TERM_MACRO_MICRO[NO2/micro:2]

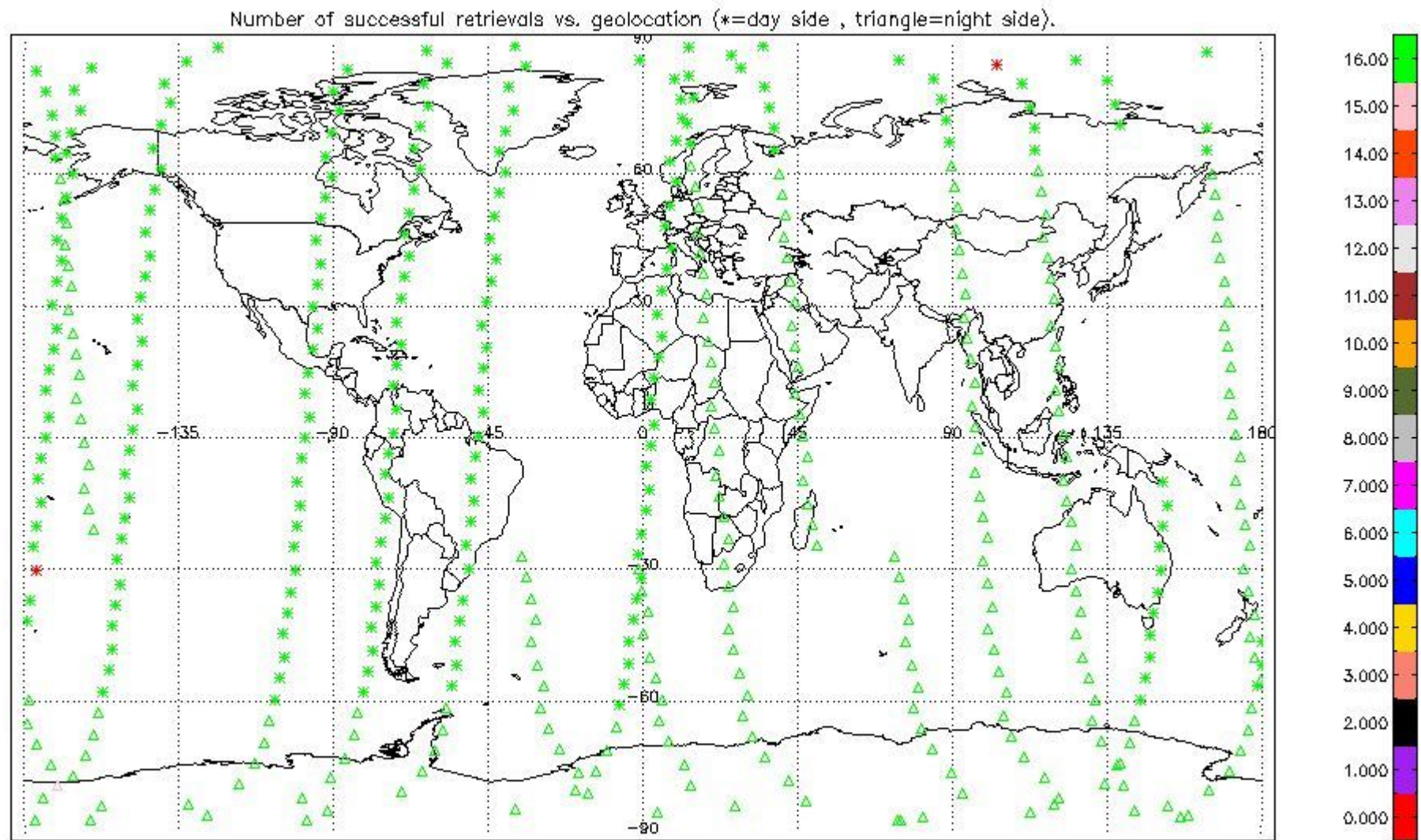
2.2 Processing performance indicators

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.

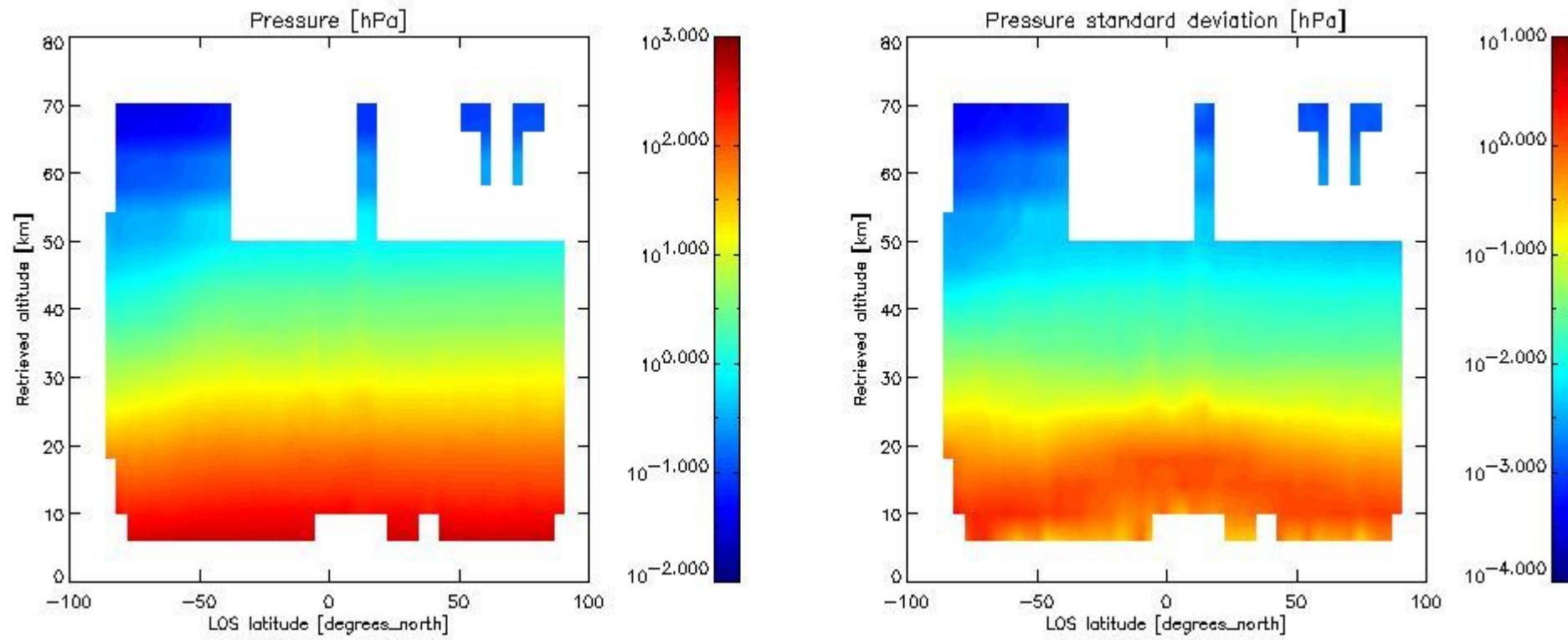
RETRIEVAL MDS	# scans processed	# Successful retrievals	%
PT	509	464	91.159
H2O	509	464	91.159

O3	509	464	91.159
HNO3	509	464	91.159
CH4	509	464	91.159
N2O	509	464	91.159
NO2	509	464	91.159
F11	509	464	91.159
CLNO	509	464	91.159
N2O5	509	464	91.159
F12	509	464	91.159
COF2	509	464	91.159
CCL4	509	463	90.963
HCN	509	464	91.159
F14	509	464	91.159
F22	509	464	91.159



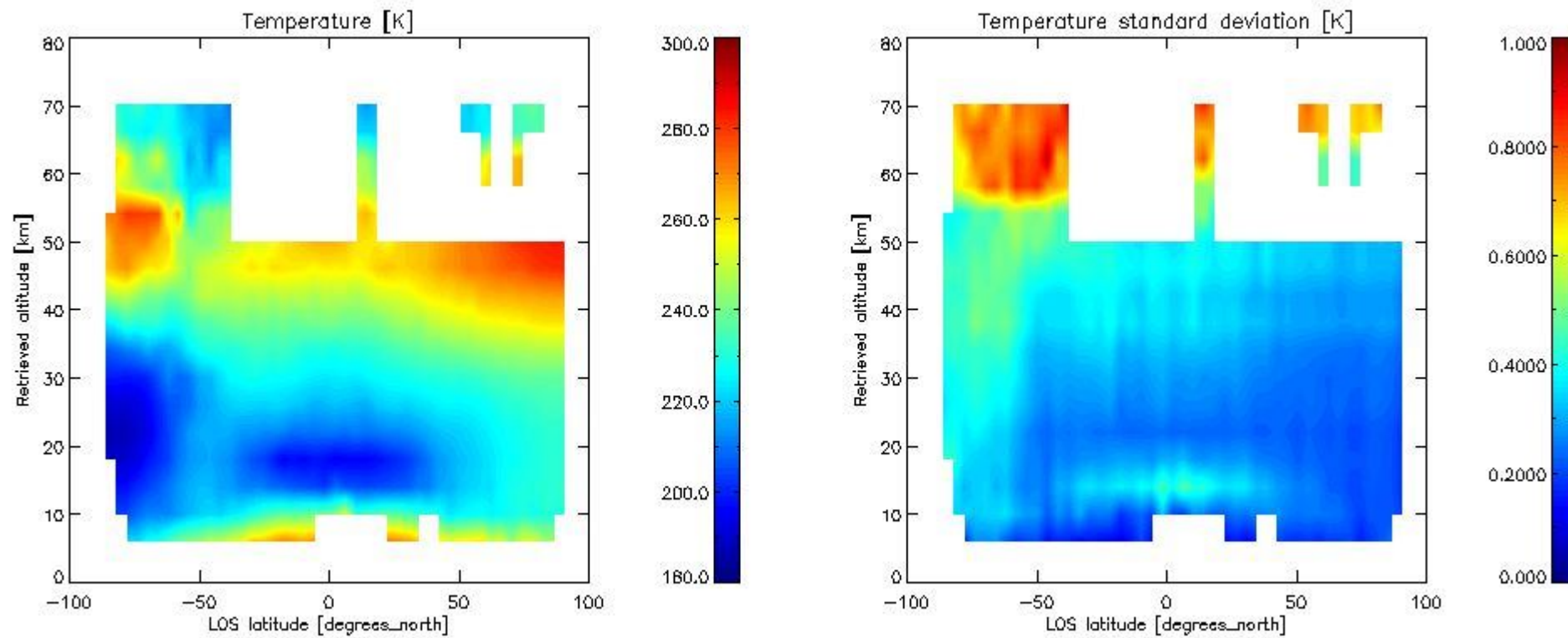
2.2.2 Pressure overview

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



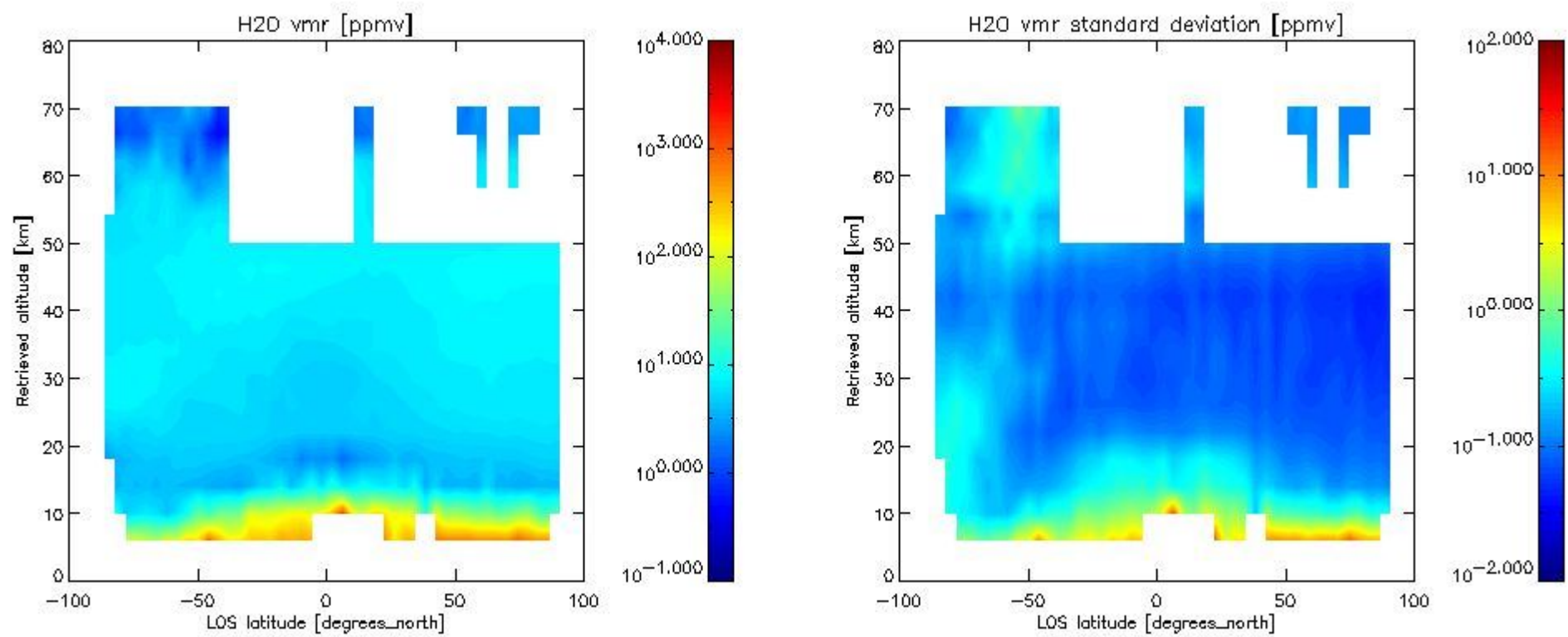
2.2.3 Temperature overview

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

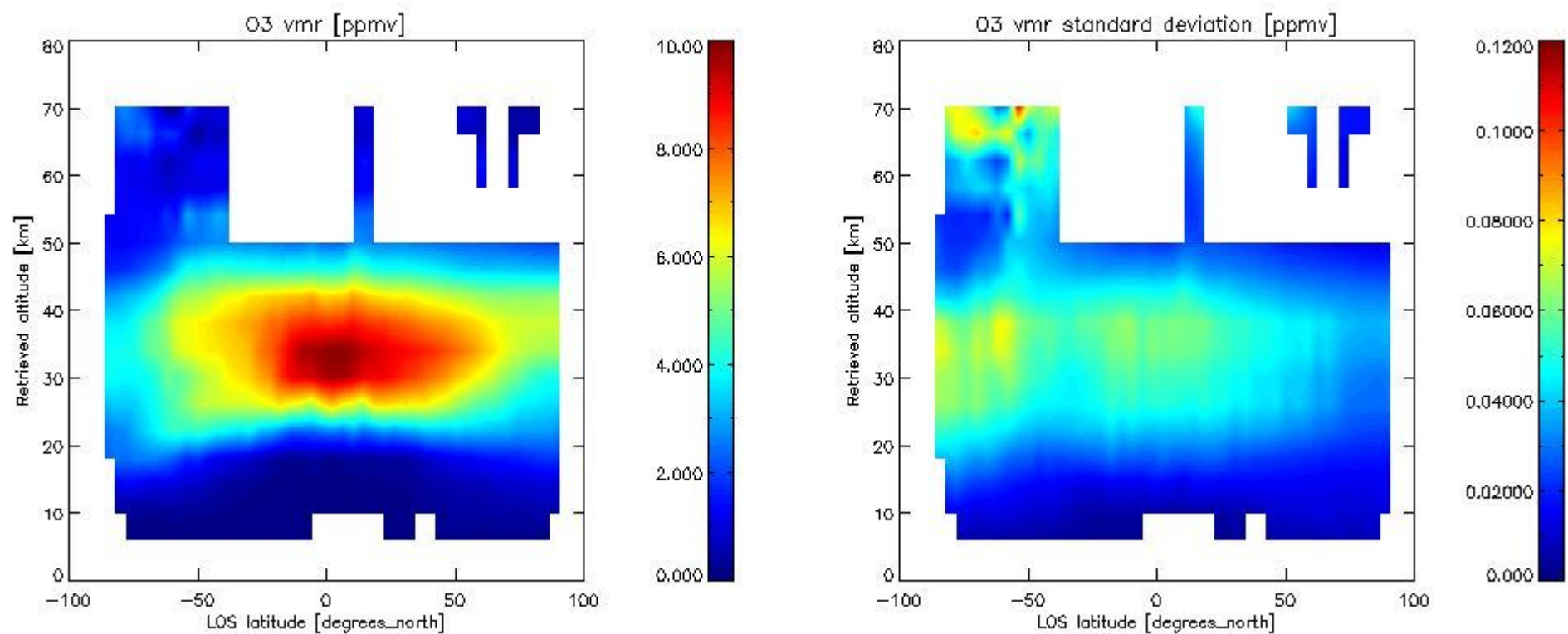


2.2.4 Species overview

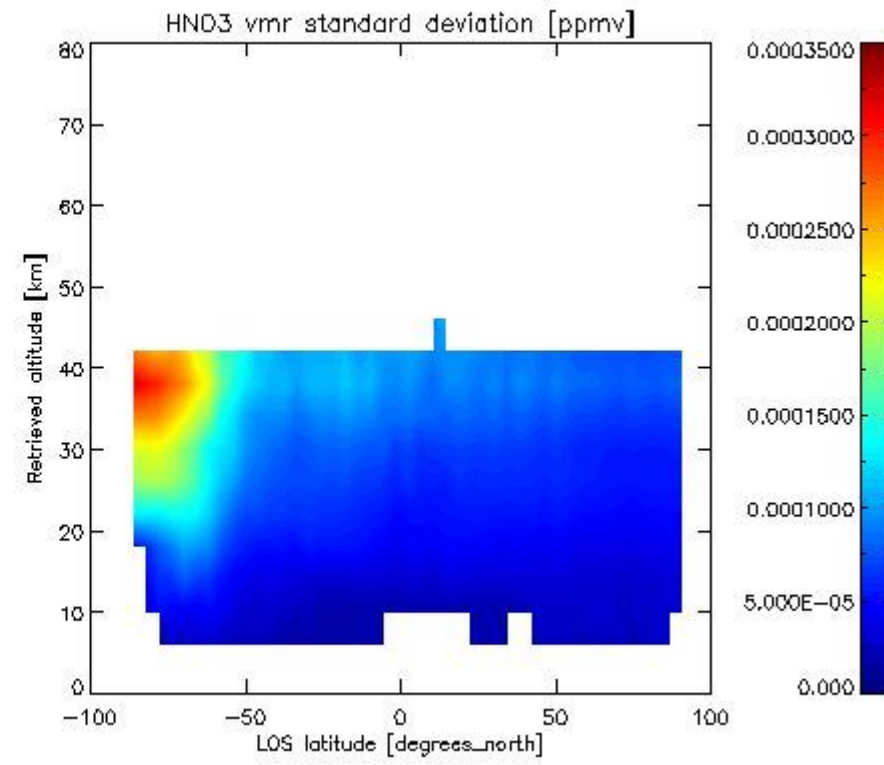
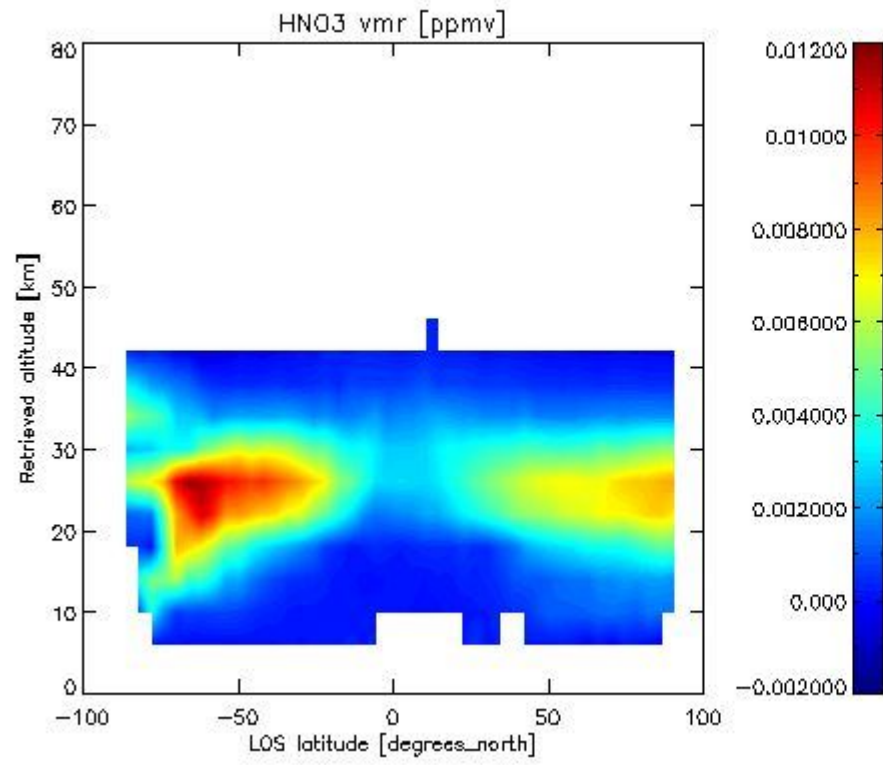
2.2.4.1 H2O overview This section shows values (left) and error (right) for H2O after binning individual sweep values over retrieved altitude and tangent latitude.



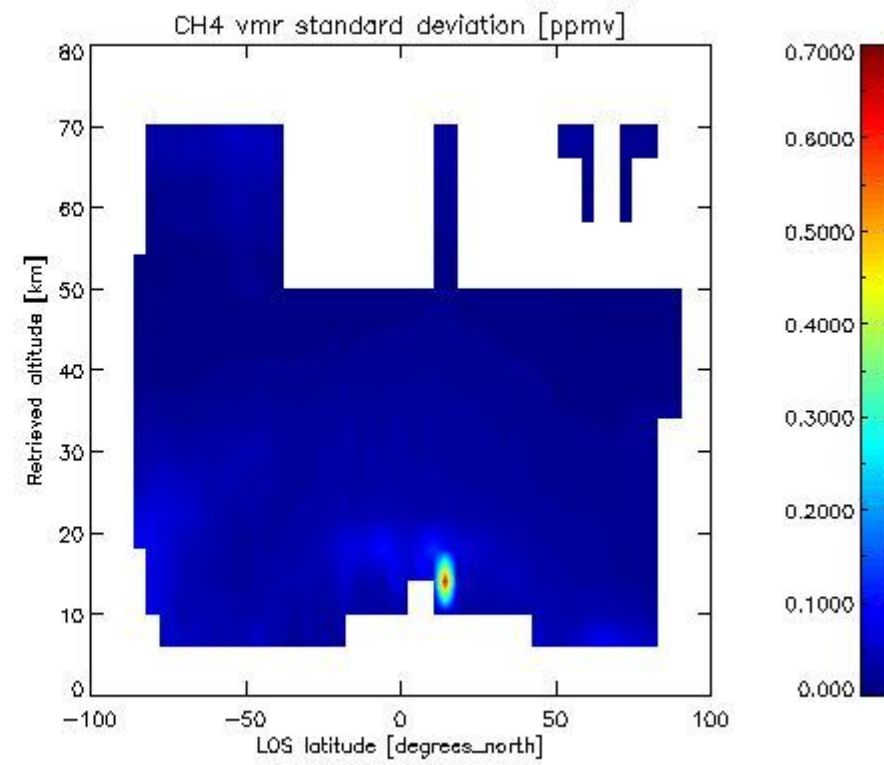
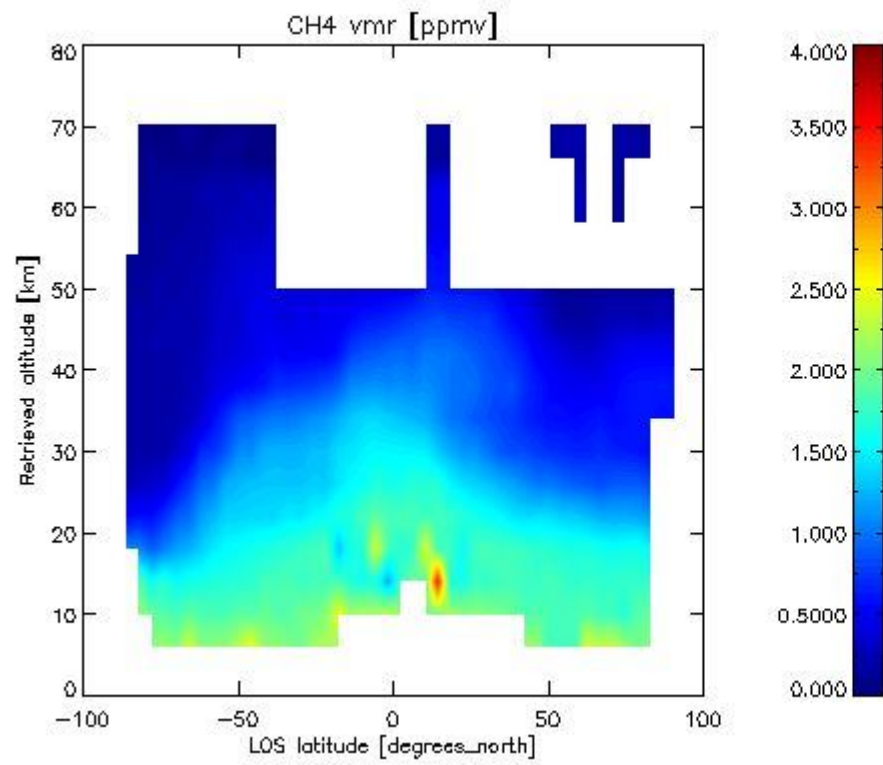
2.2.4.2 O3 overview This section shows values (left) and error (right) for O3 after binning individual sweep values over retrieved altitude and tangent latitude.



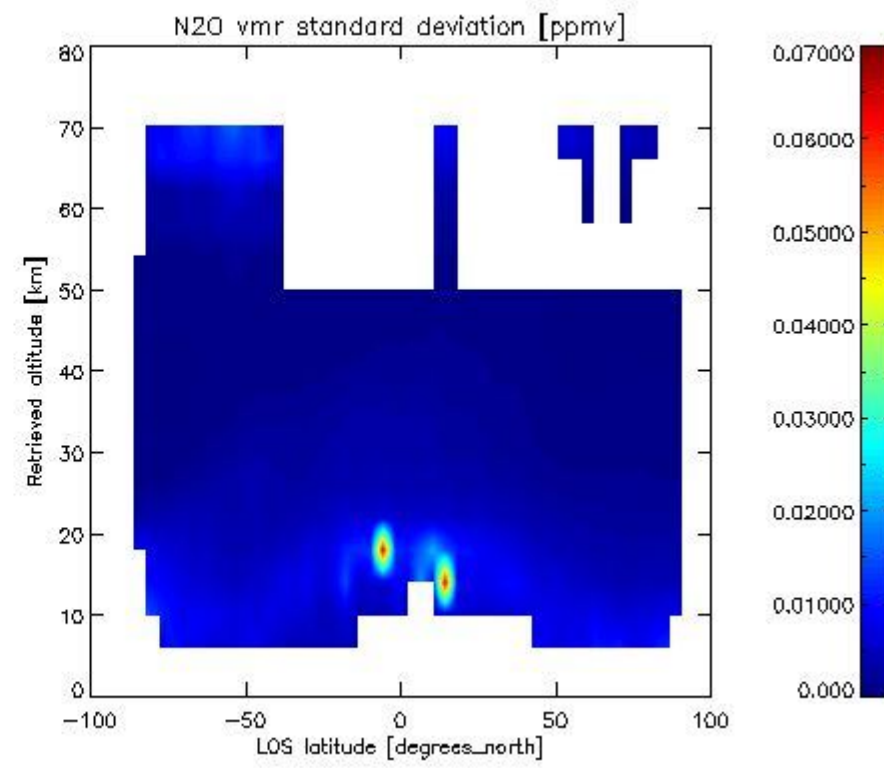
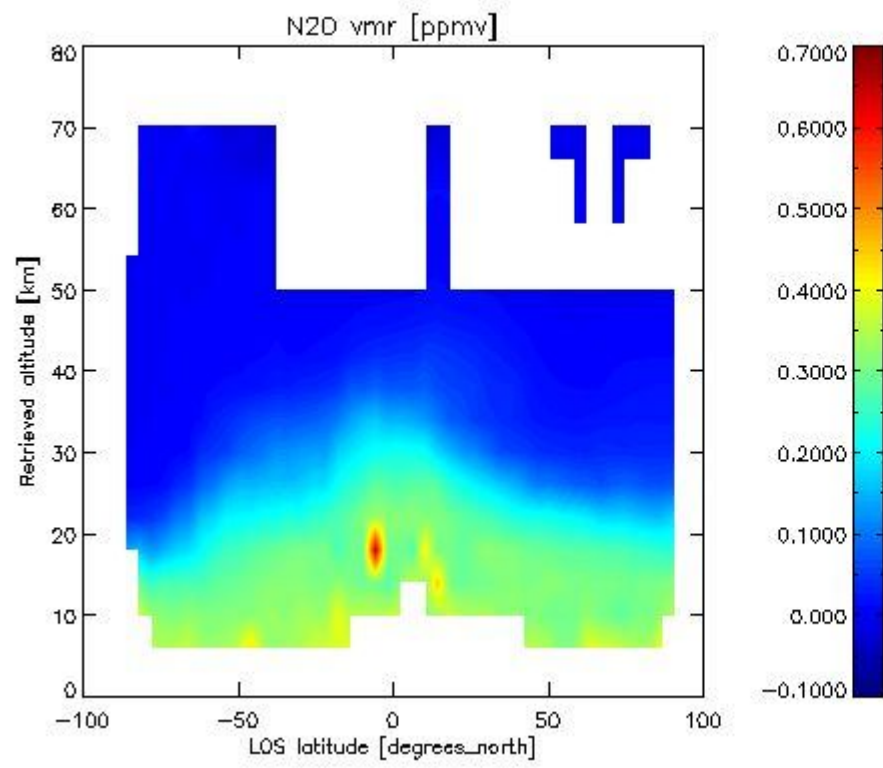
2.2.4.3 HNO3 overview This section shows values (left) and error (right) for HNO3 after binning individual sweep values over retrieved altitude and tangent latitude.



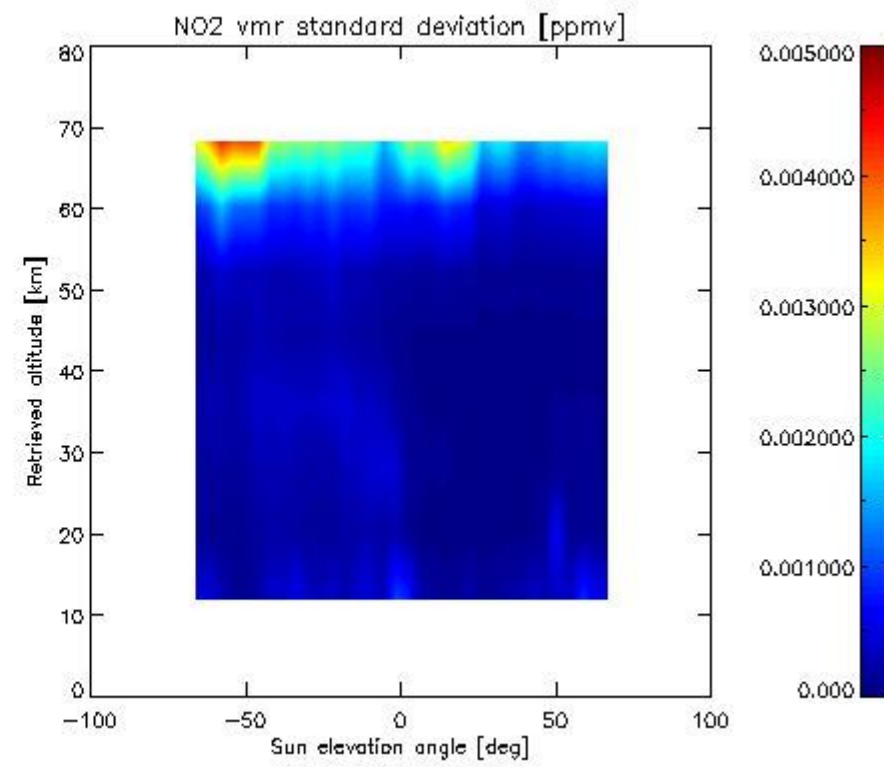
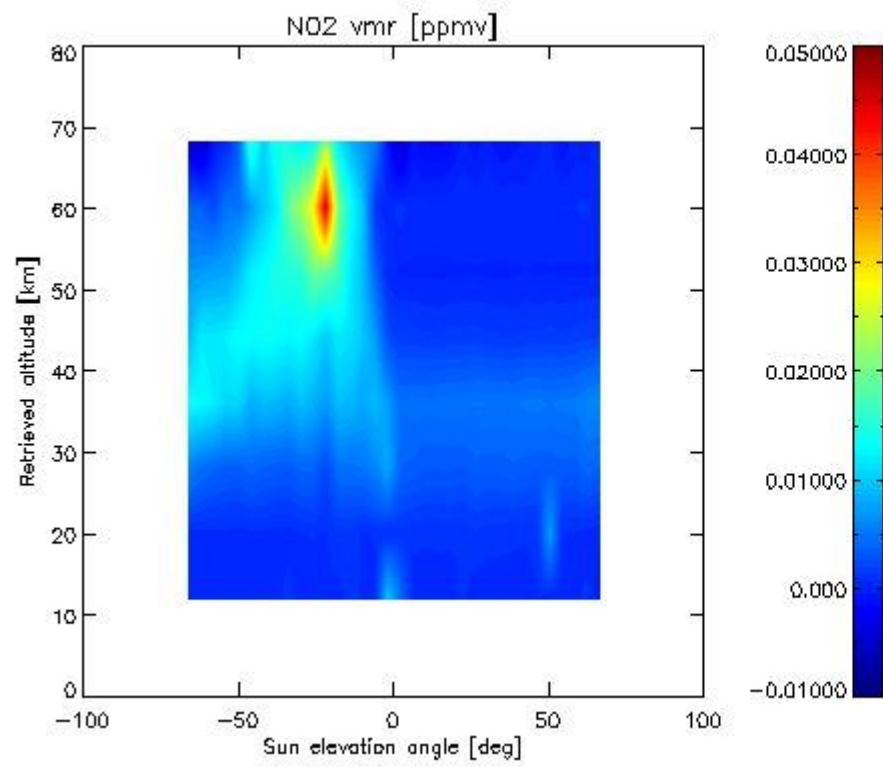
2.2.4.4 CH₄ overview This section shows values (left) and error (right) for CH₄ after binning individual sweep values over retrieved altitude and tangent latitude.



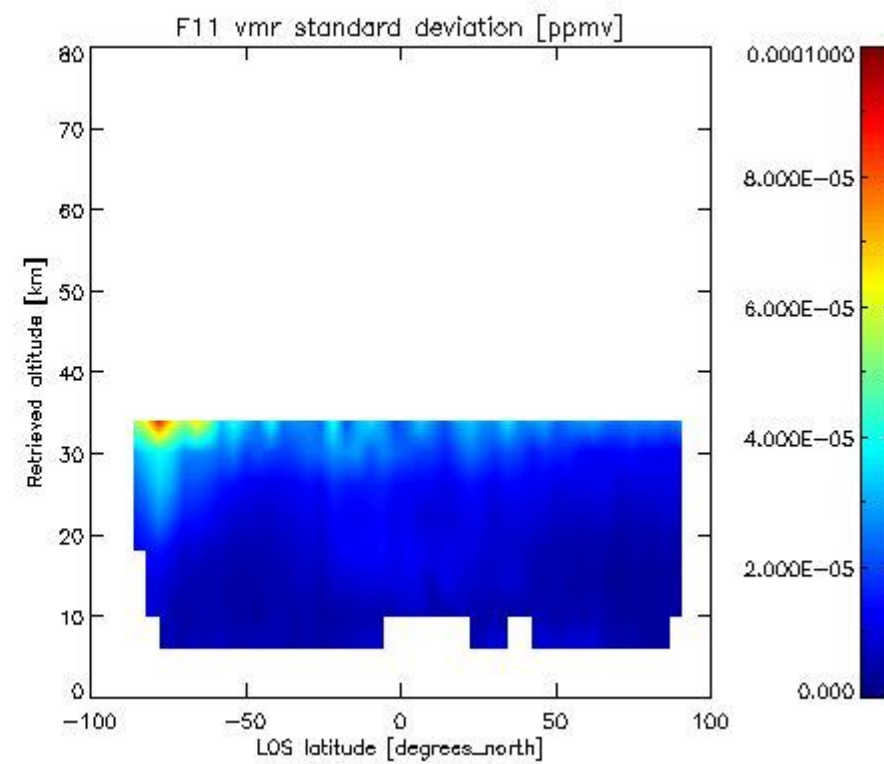
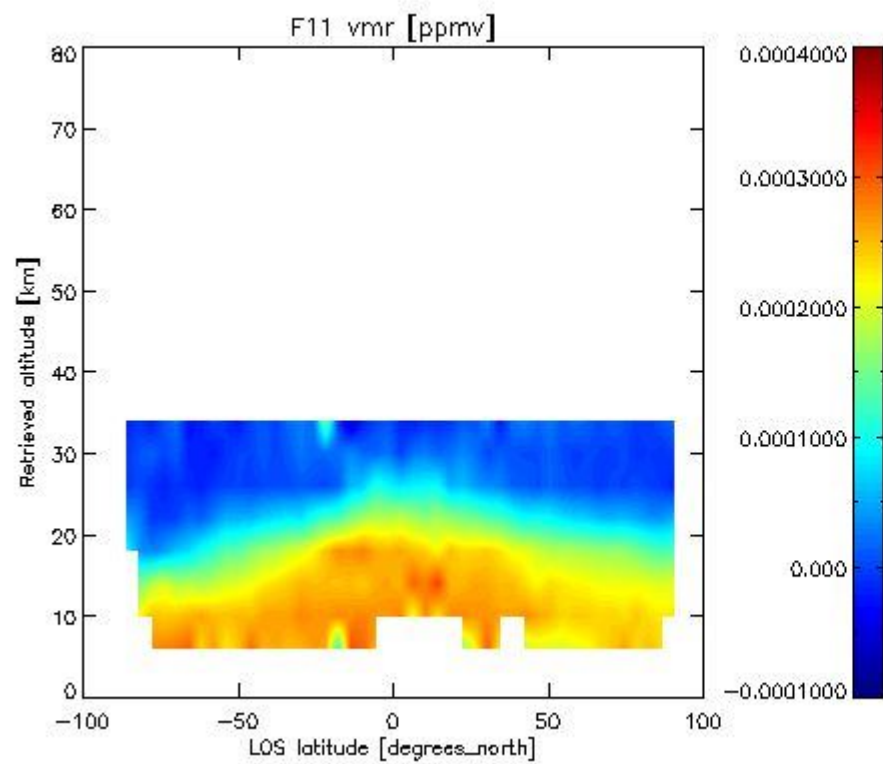
2.2.4.5 N₂O overview This section shows values (left) and error (right) for N₂O after binning individual sweep values over retrieved altitude and tangent latitude.



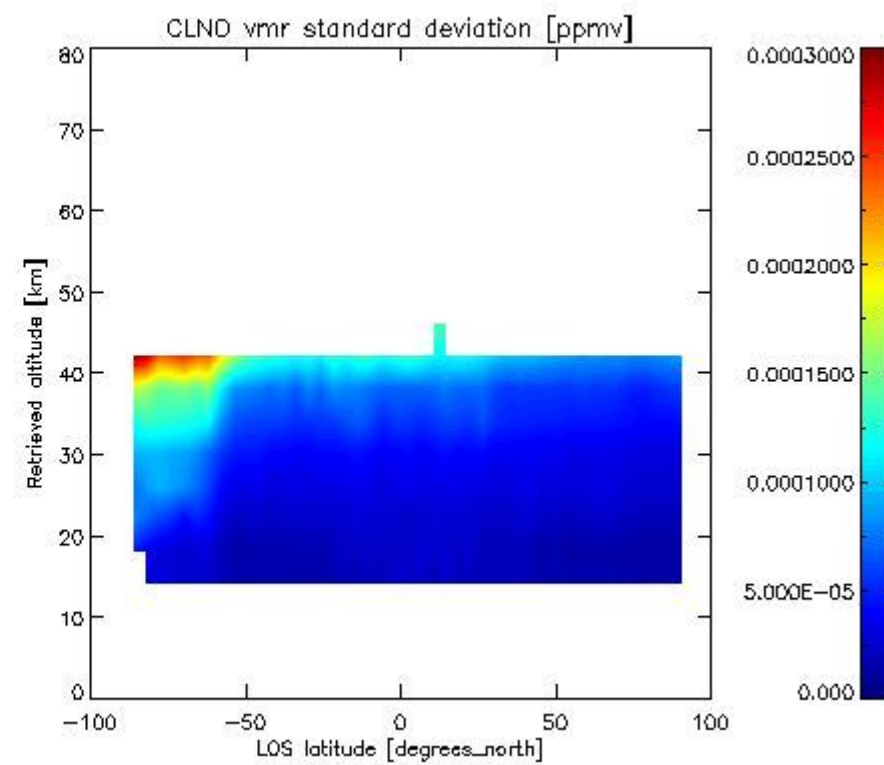
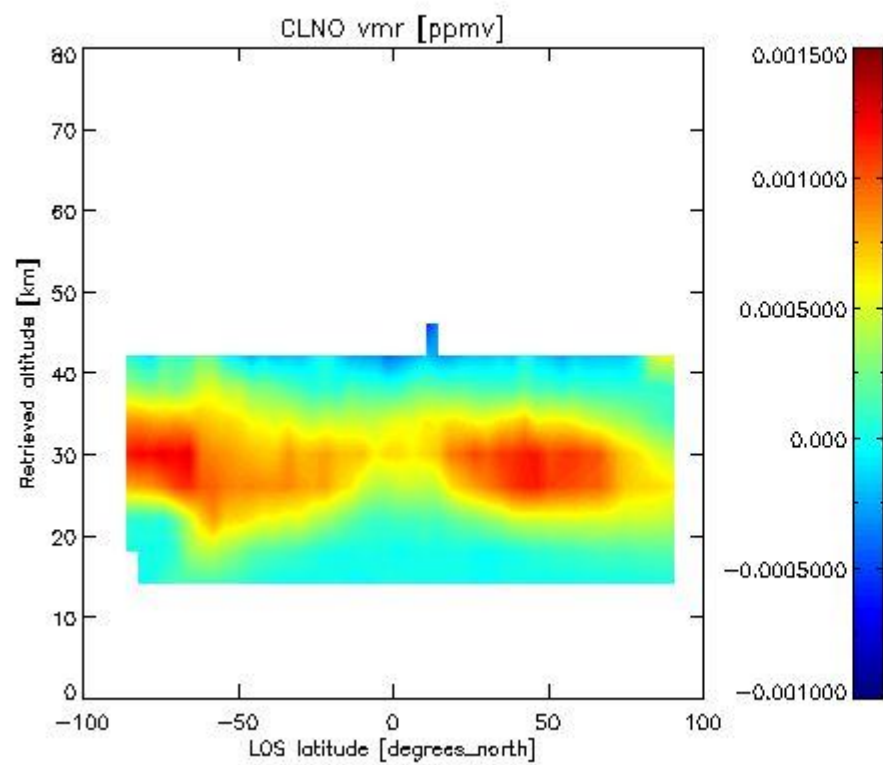
2.2.4.6 NO₂ overview This section shows values (left) and error (right) for NO₂ after binning individual sweep values over retrieved altitude and Sun Elevation Angle. Note that for NO₂ the bin heights are 6 km.

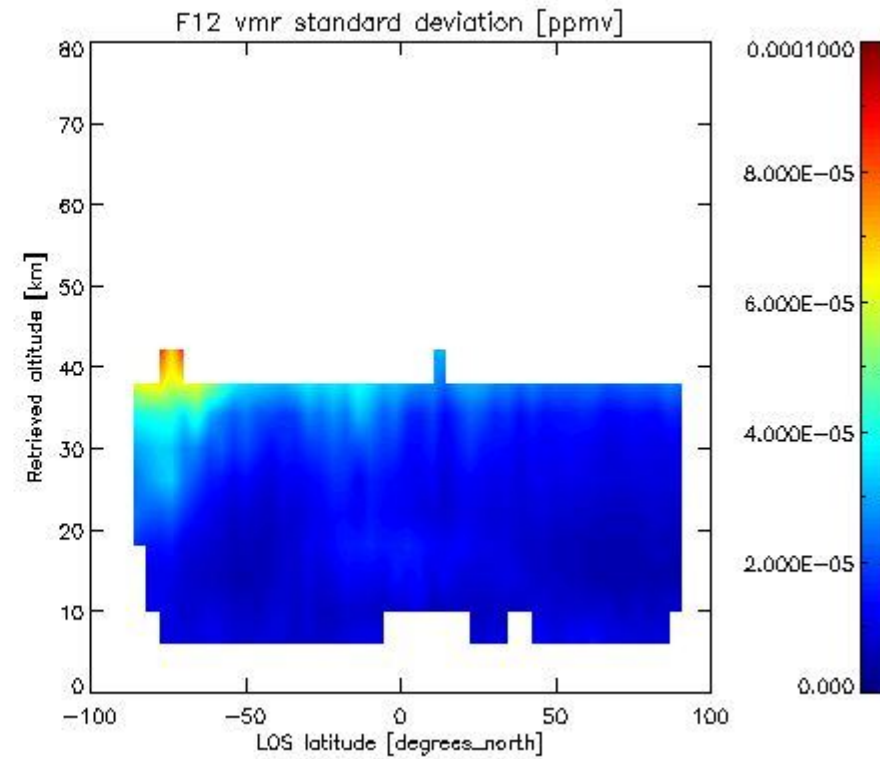
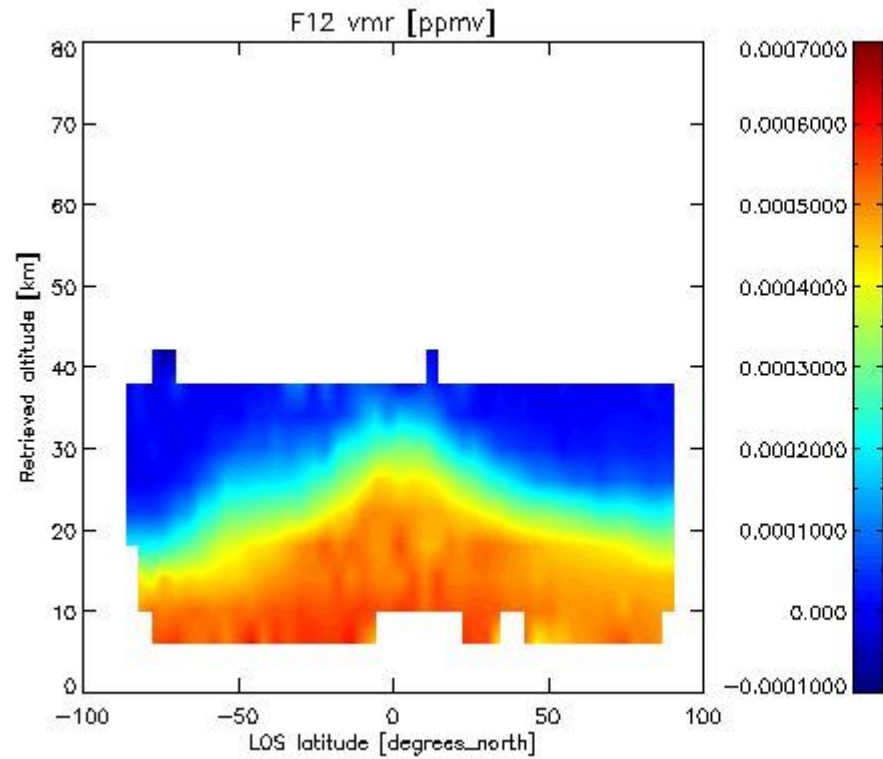
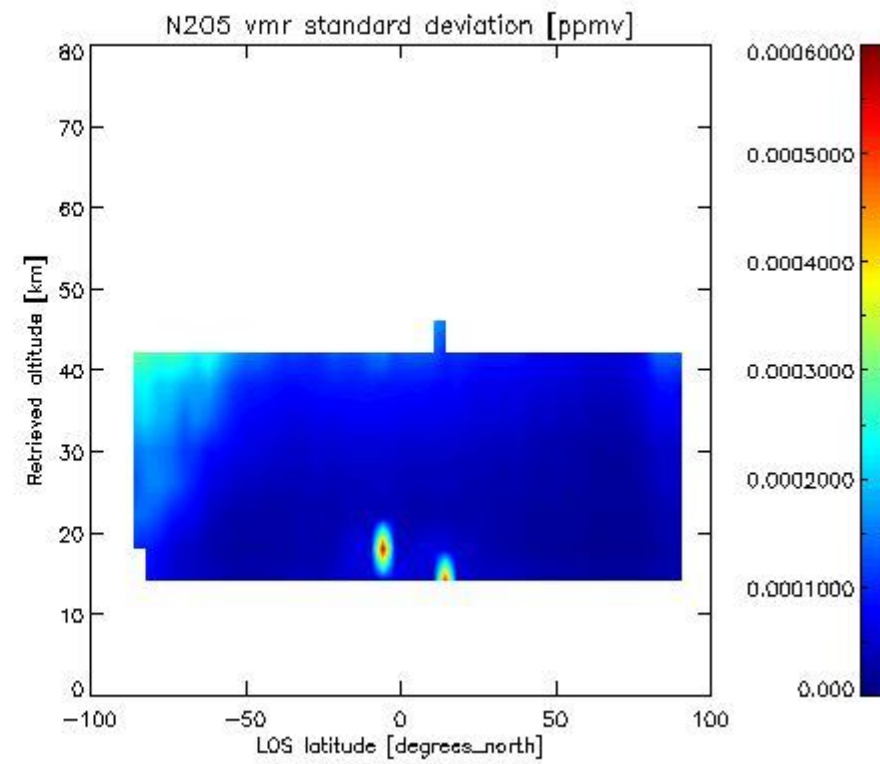
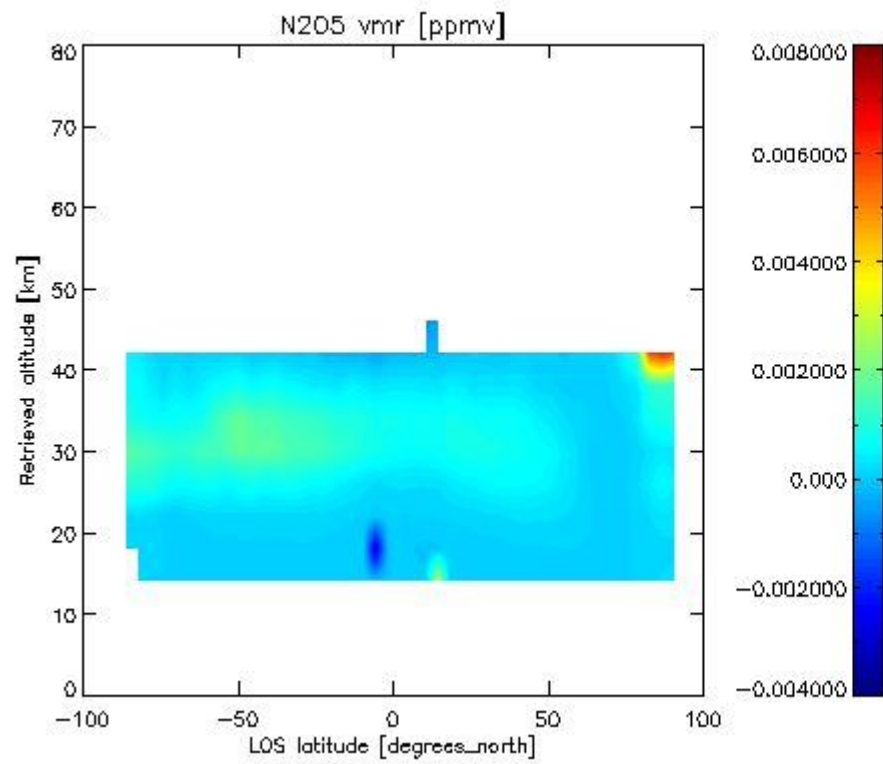


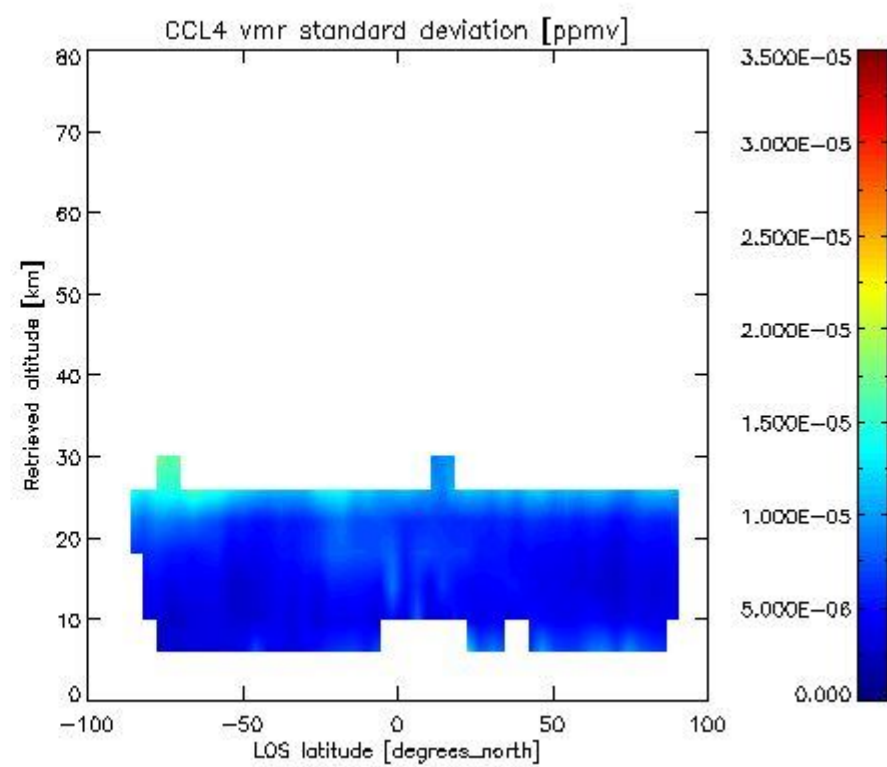
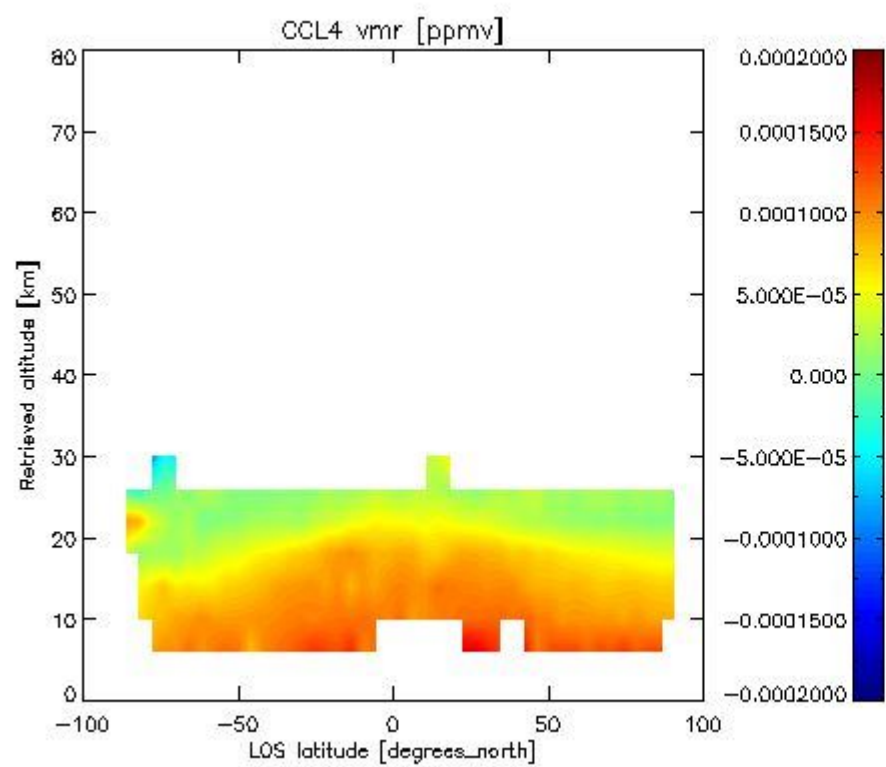
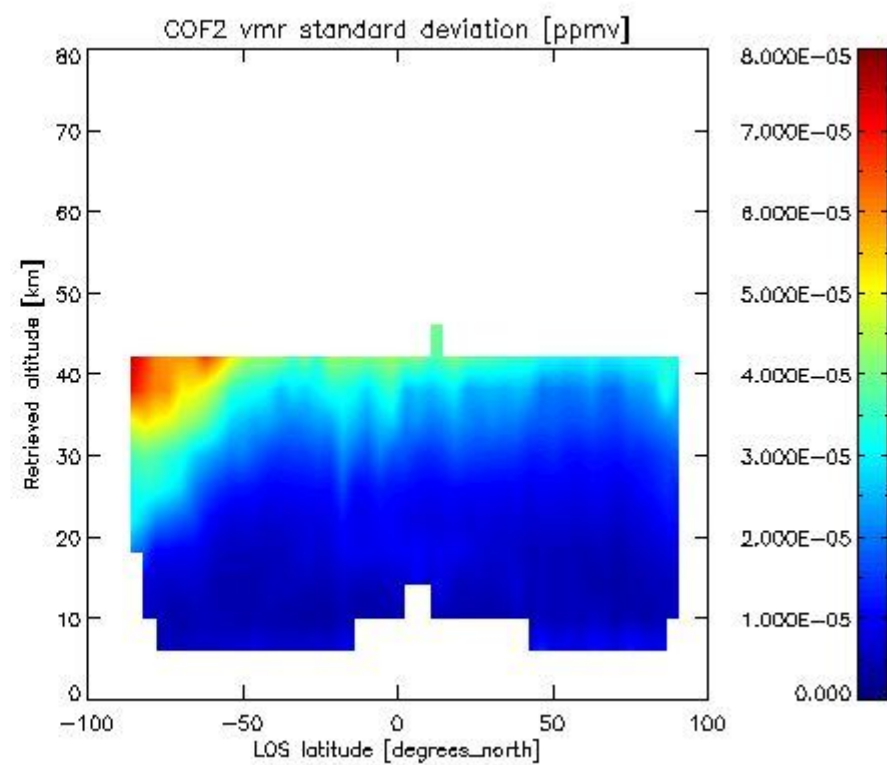
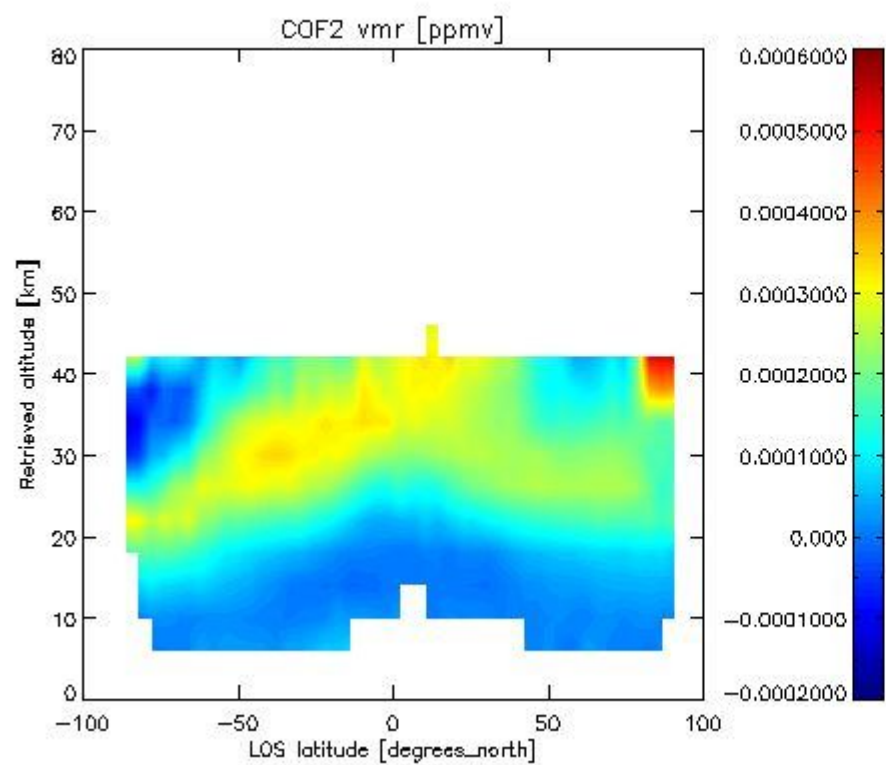
2.2.4.7 F11 overview This section shows values (left) and error (right) for F11 after binning individual sweep values over retrieved altitude and tangent latitude.

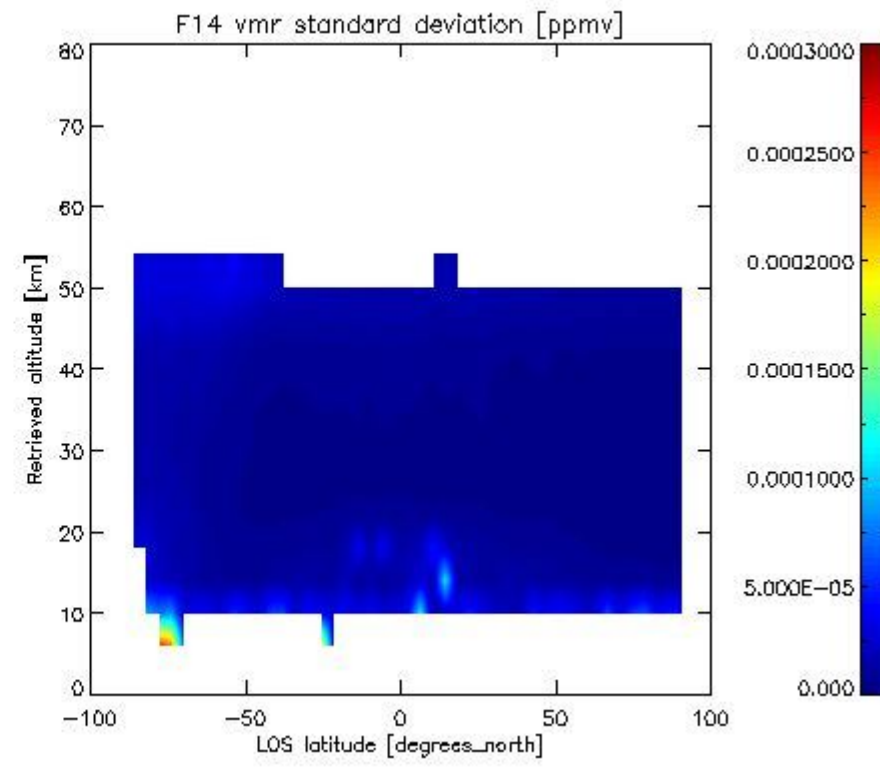
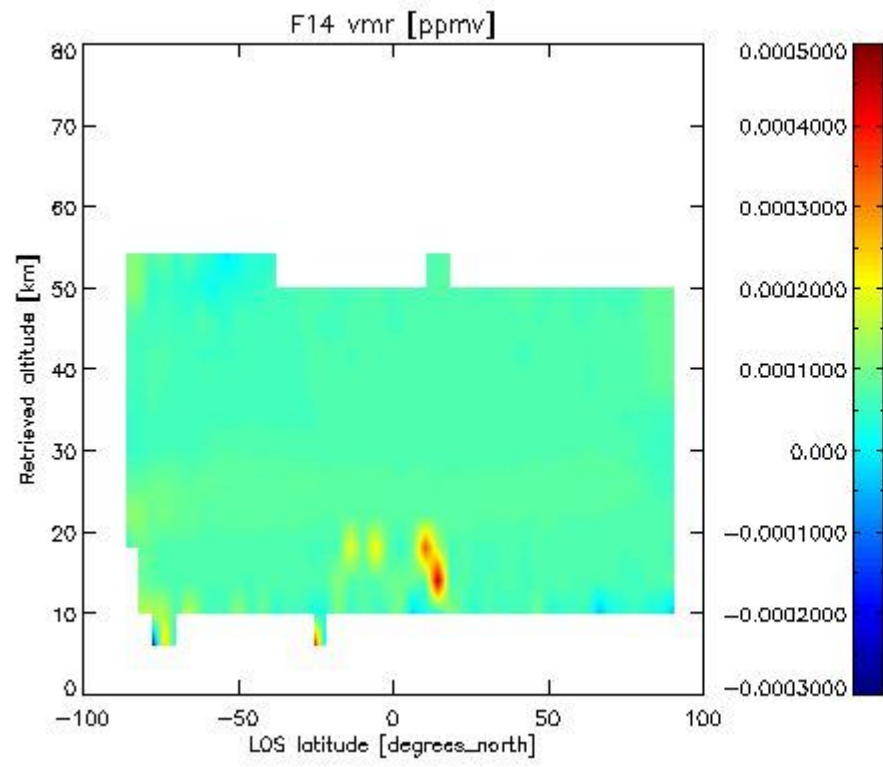
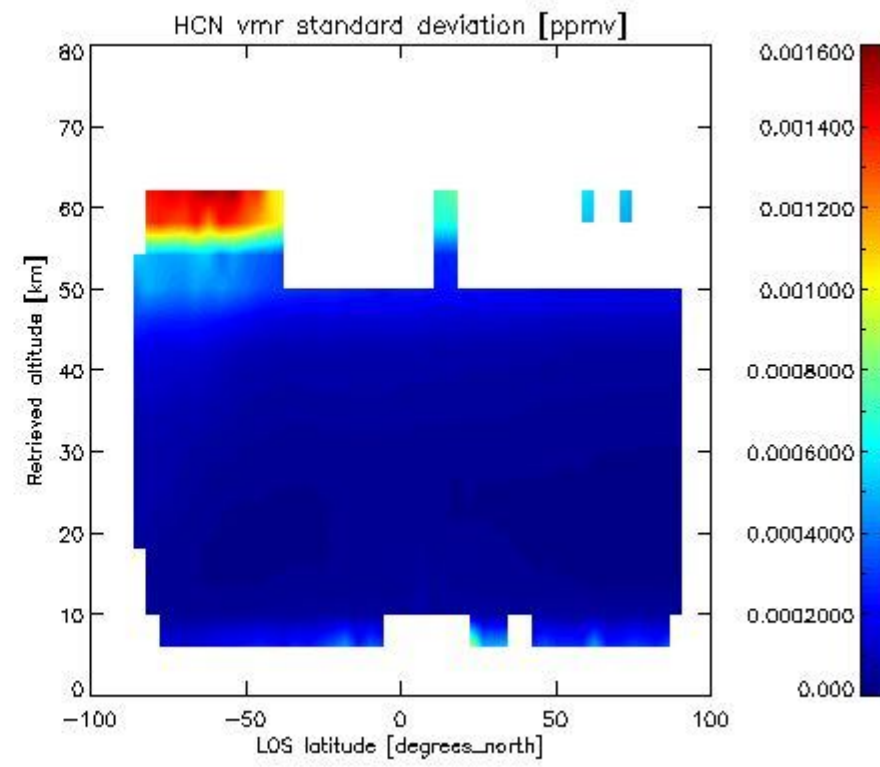
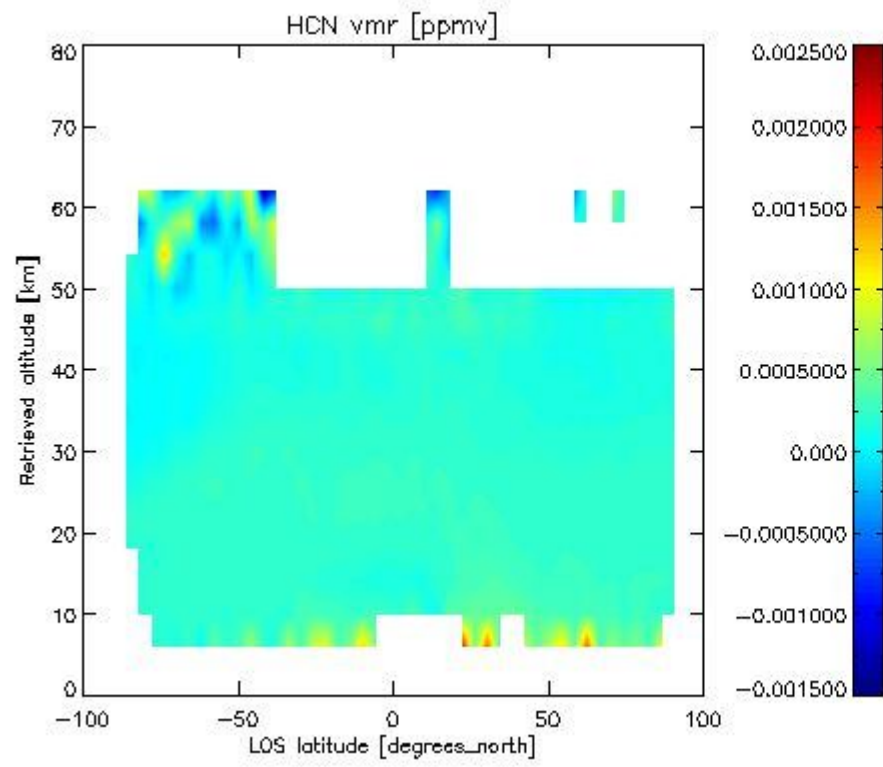


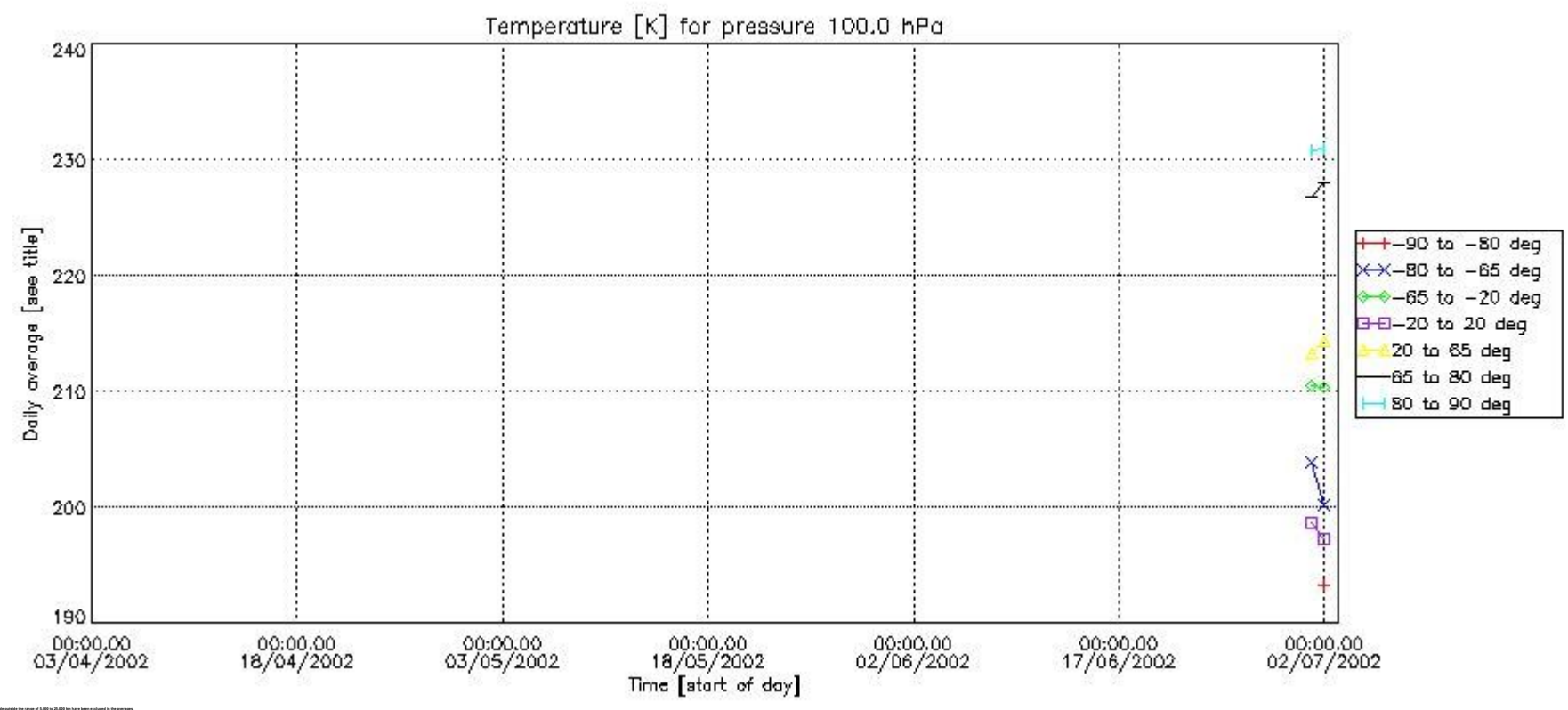
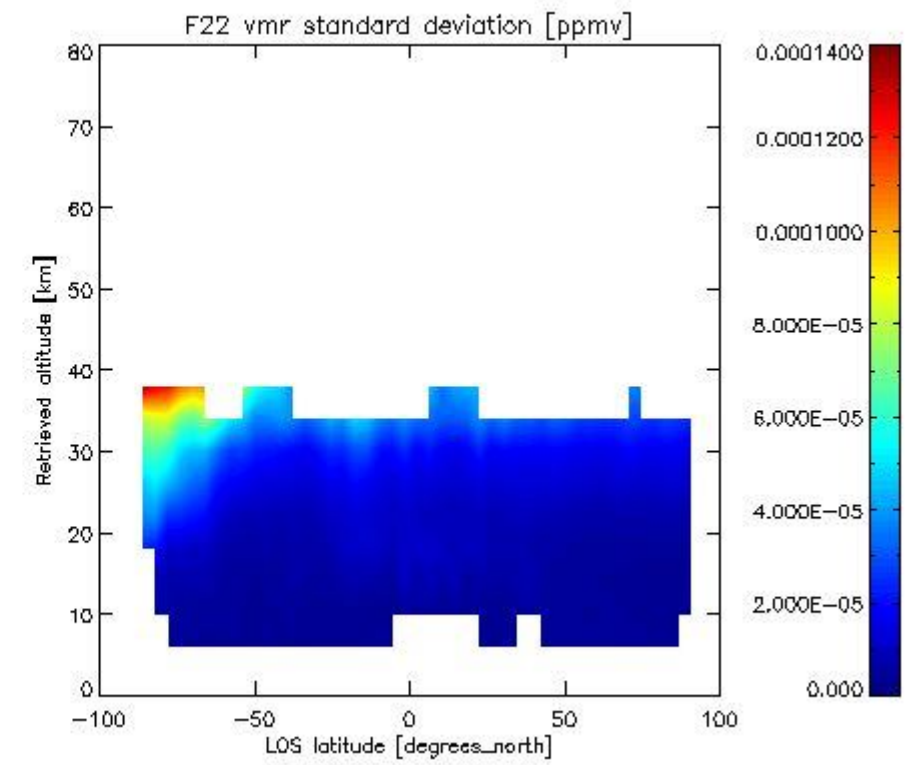
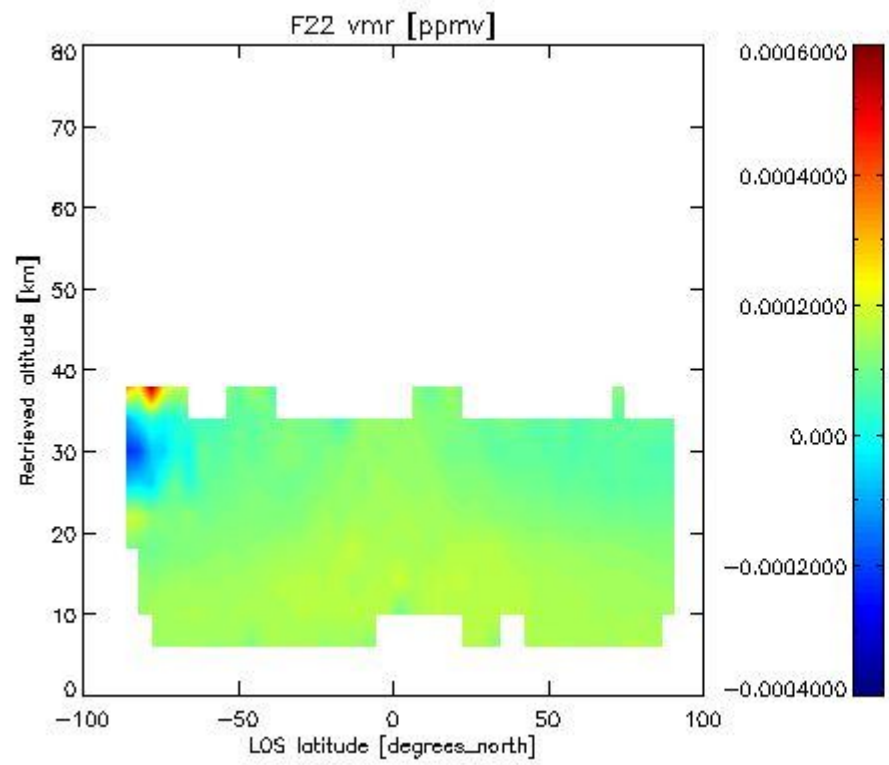
2.3.4.4 CLNO overview: This section shows values (left) and error (right) for CLNO after binning individual vmr values over retrieved altitude and target latitude.

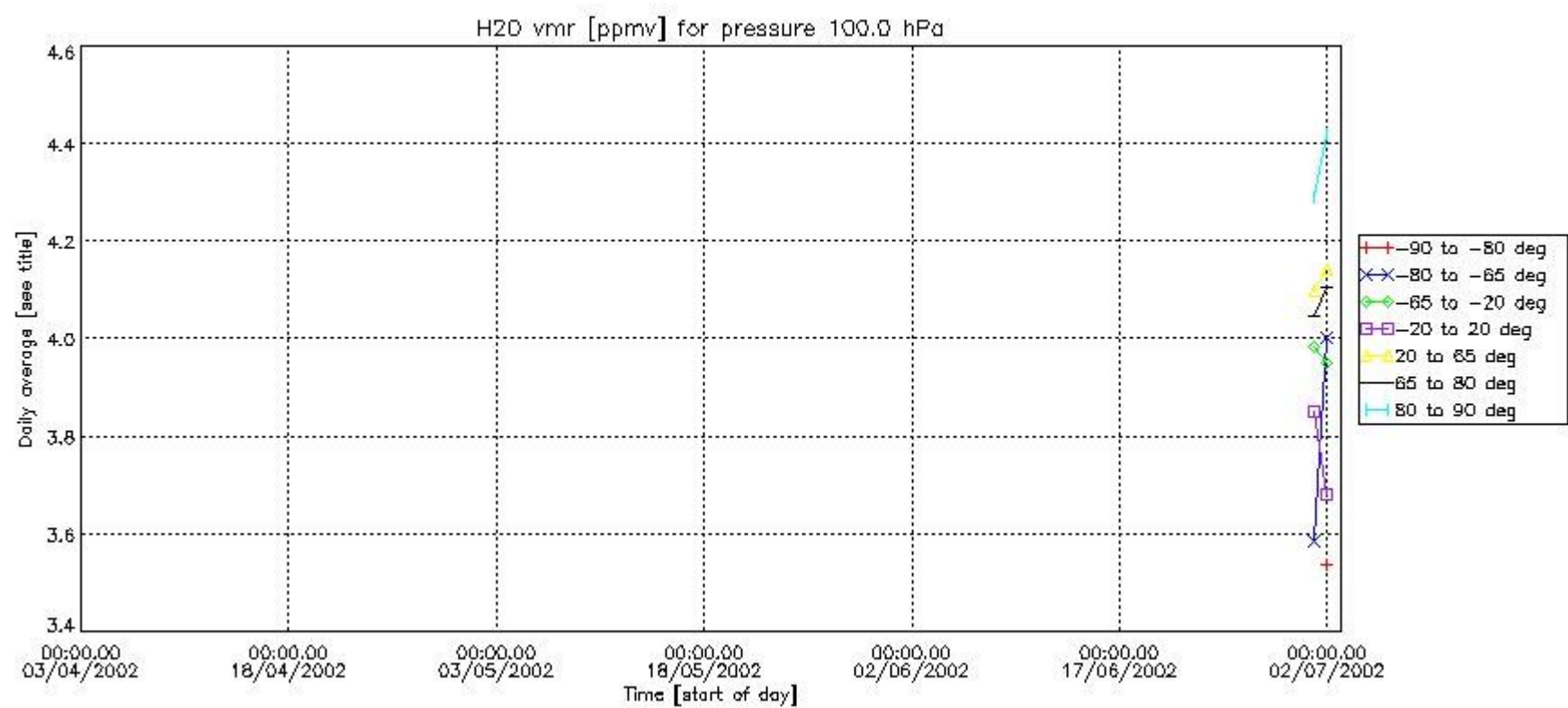
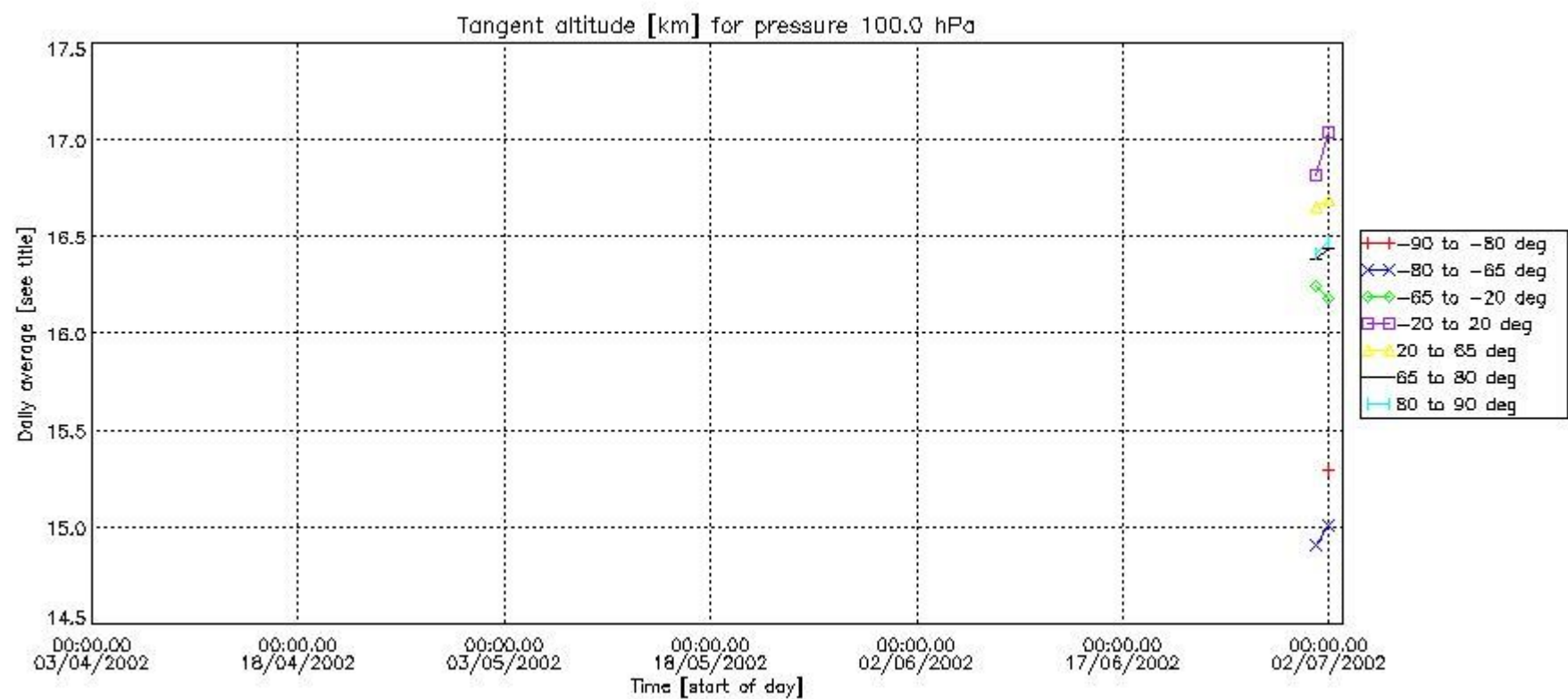


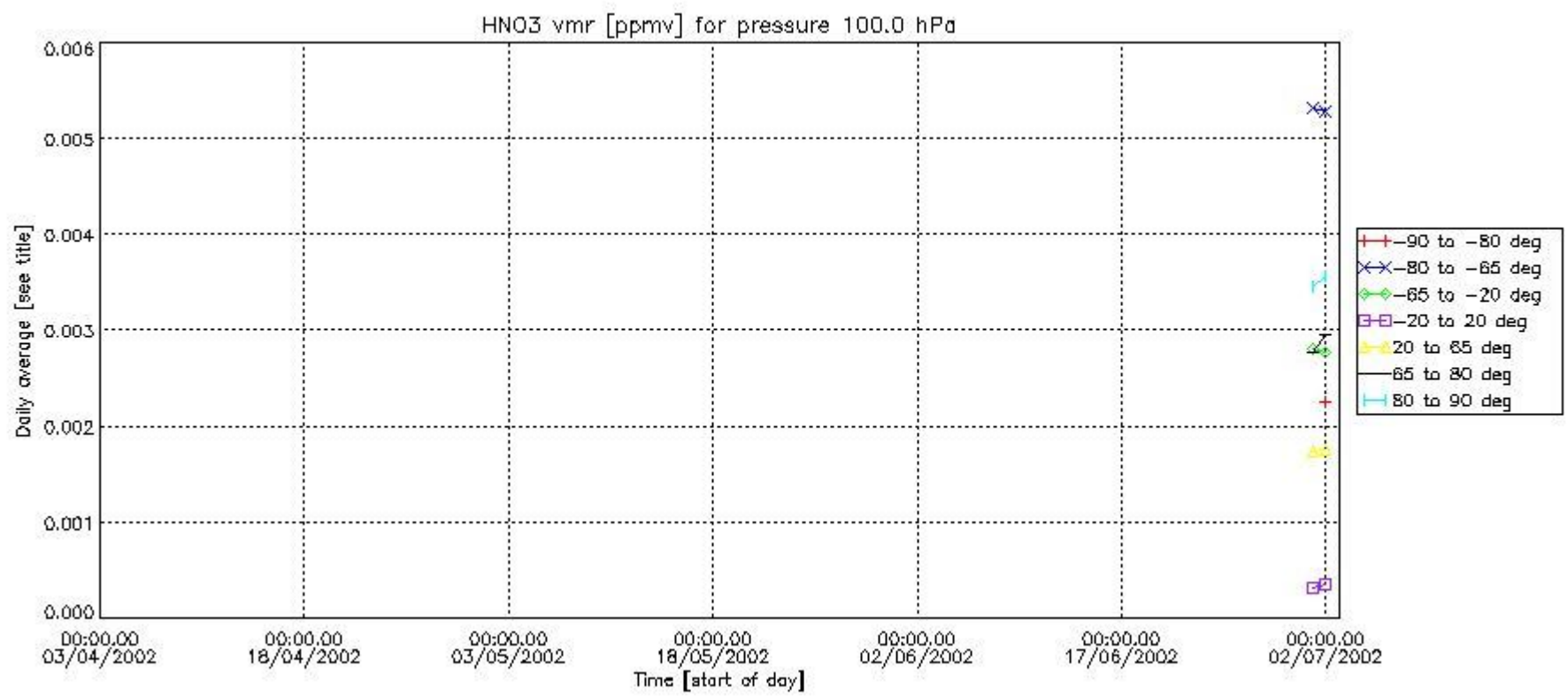
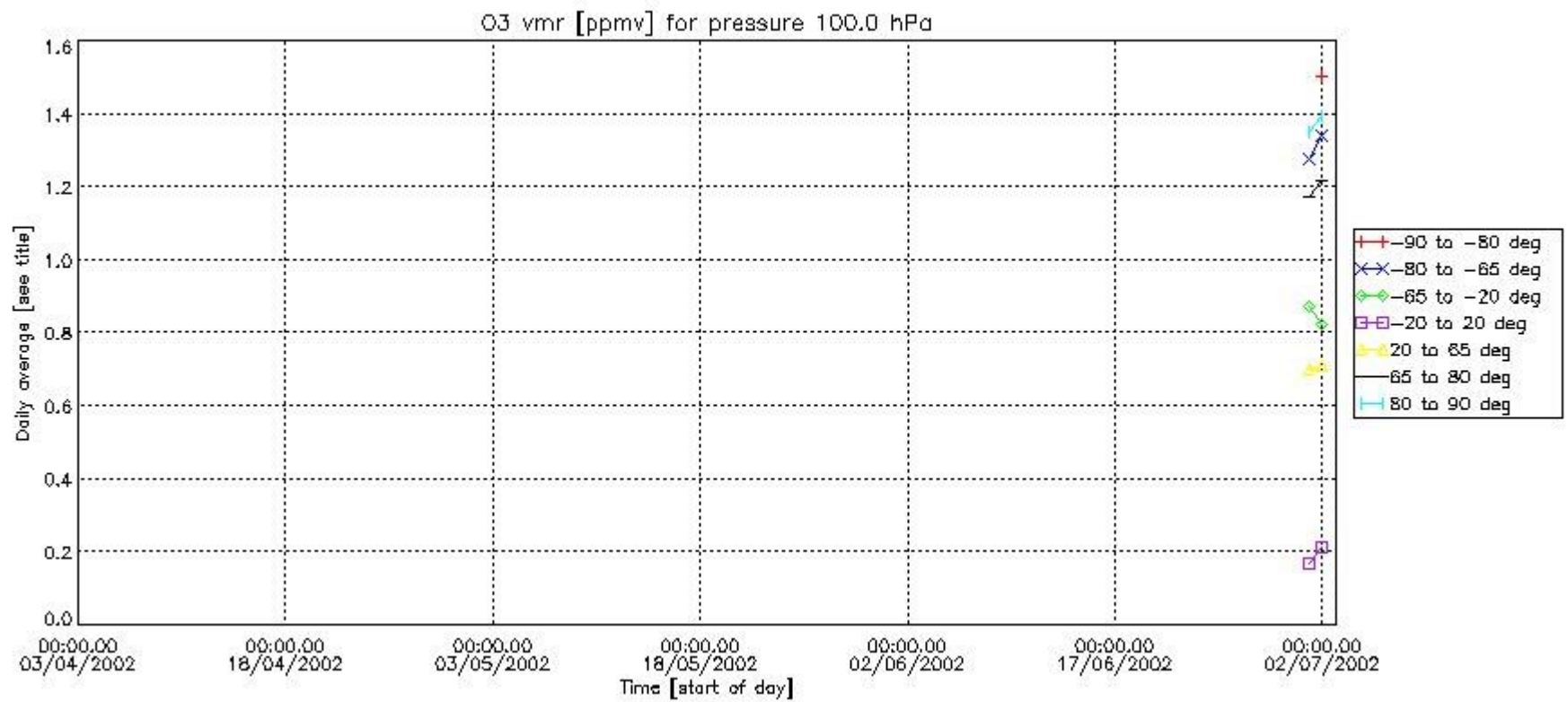


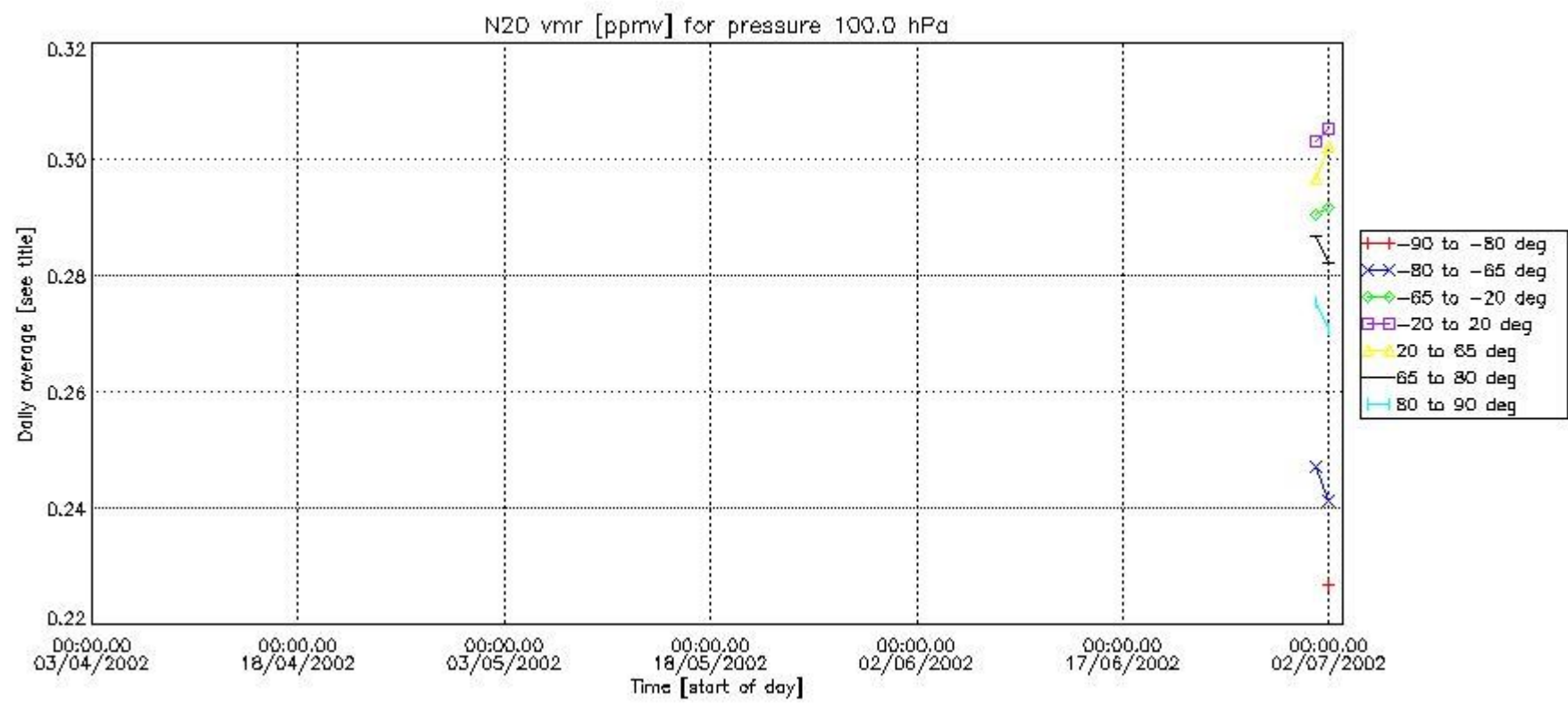
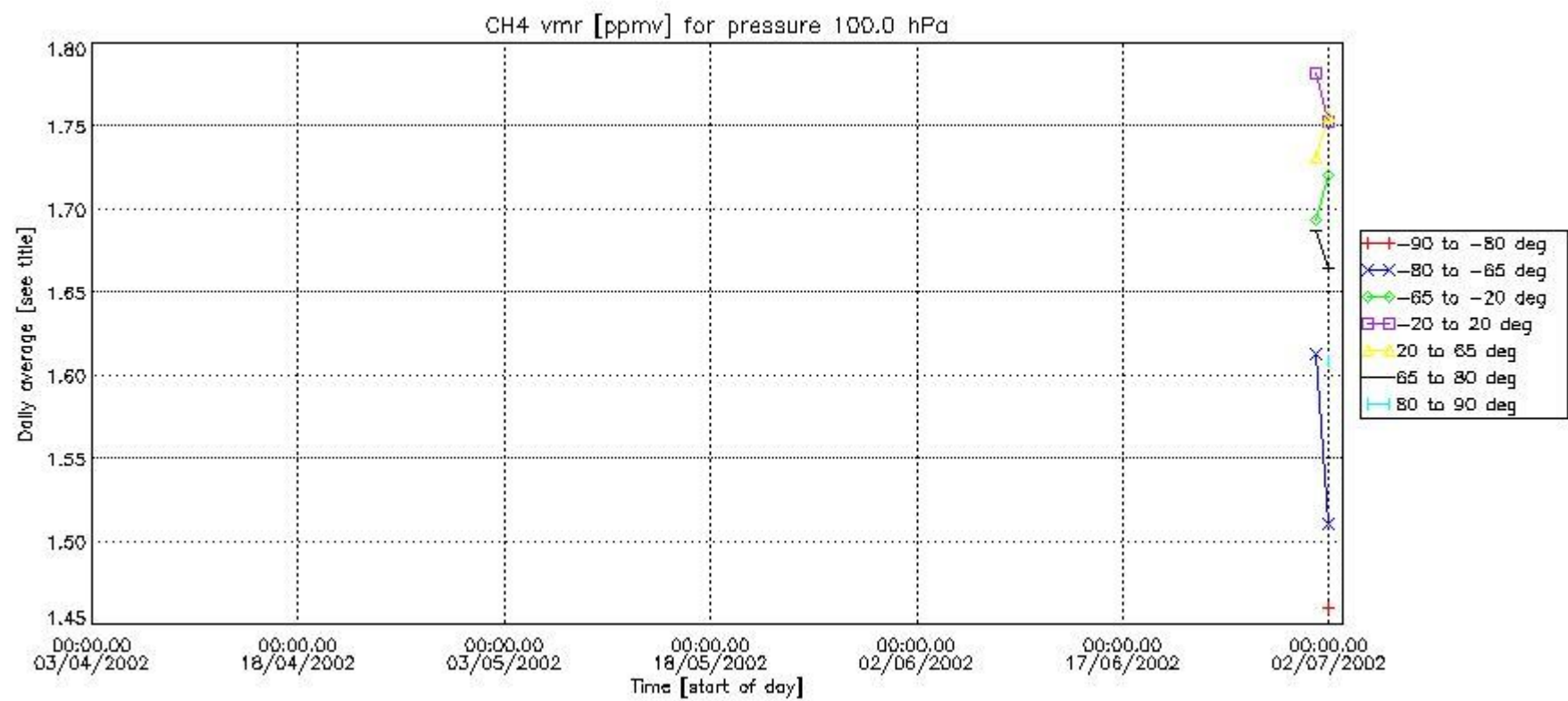


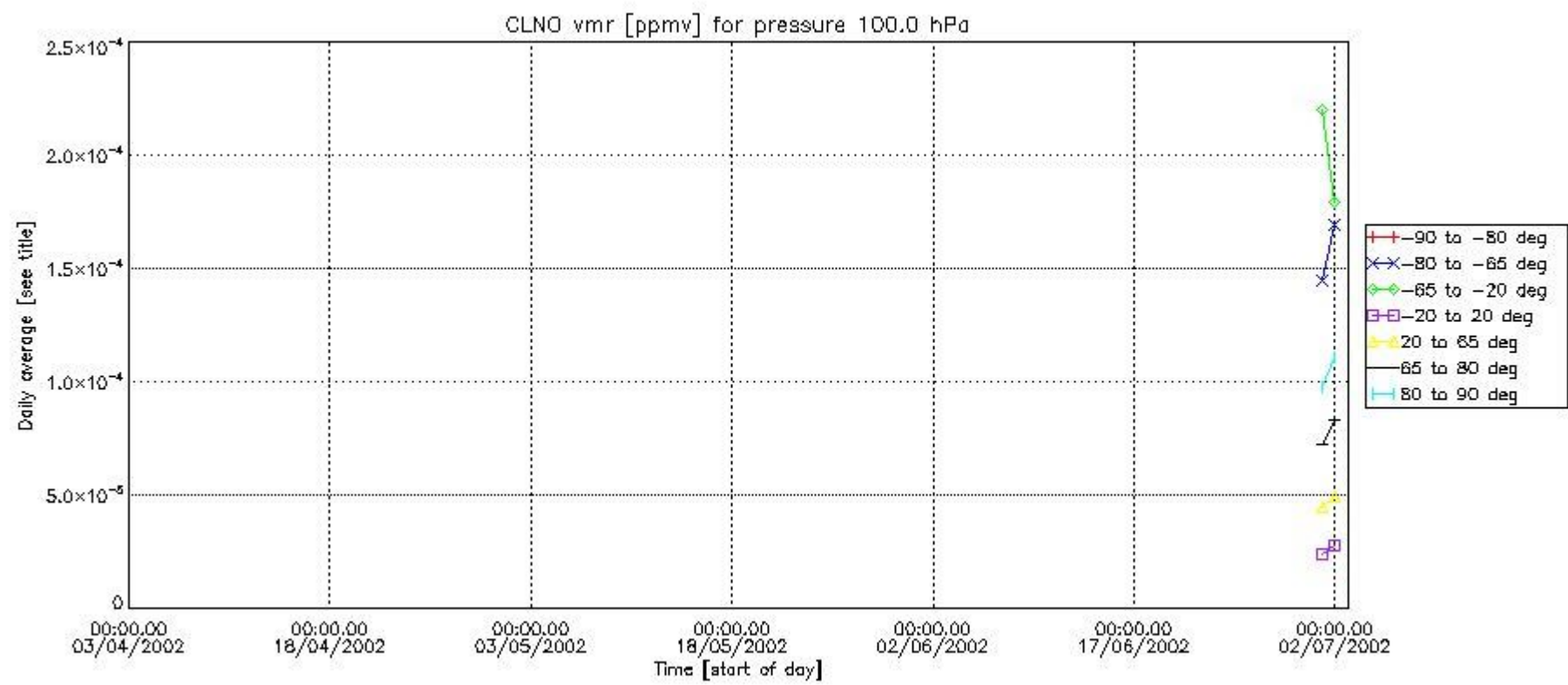
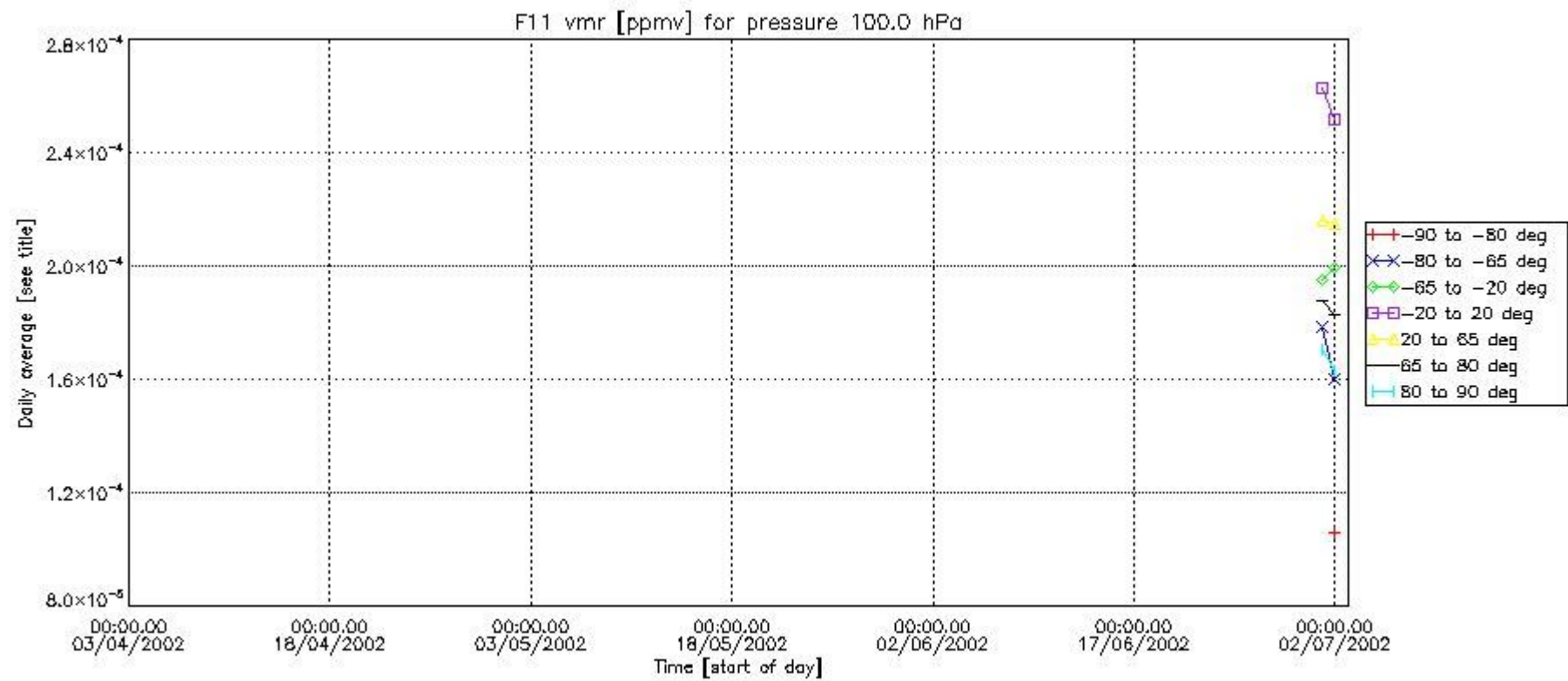


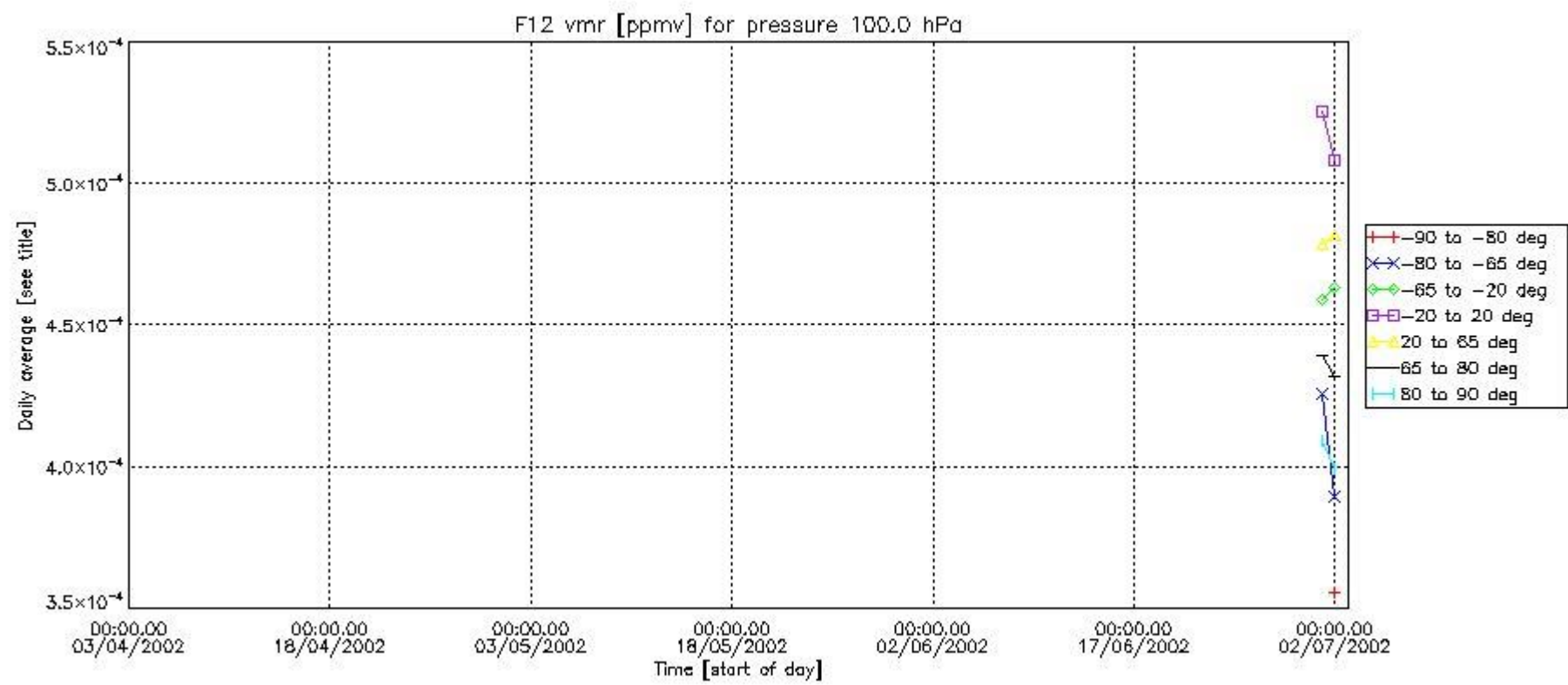
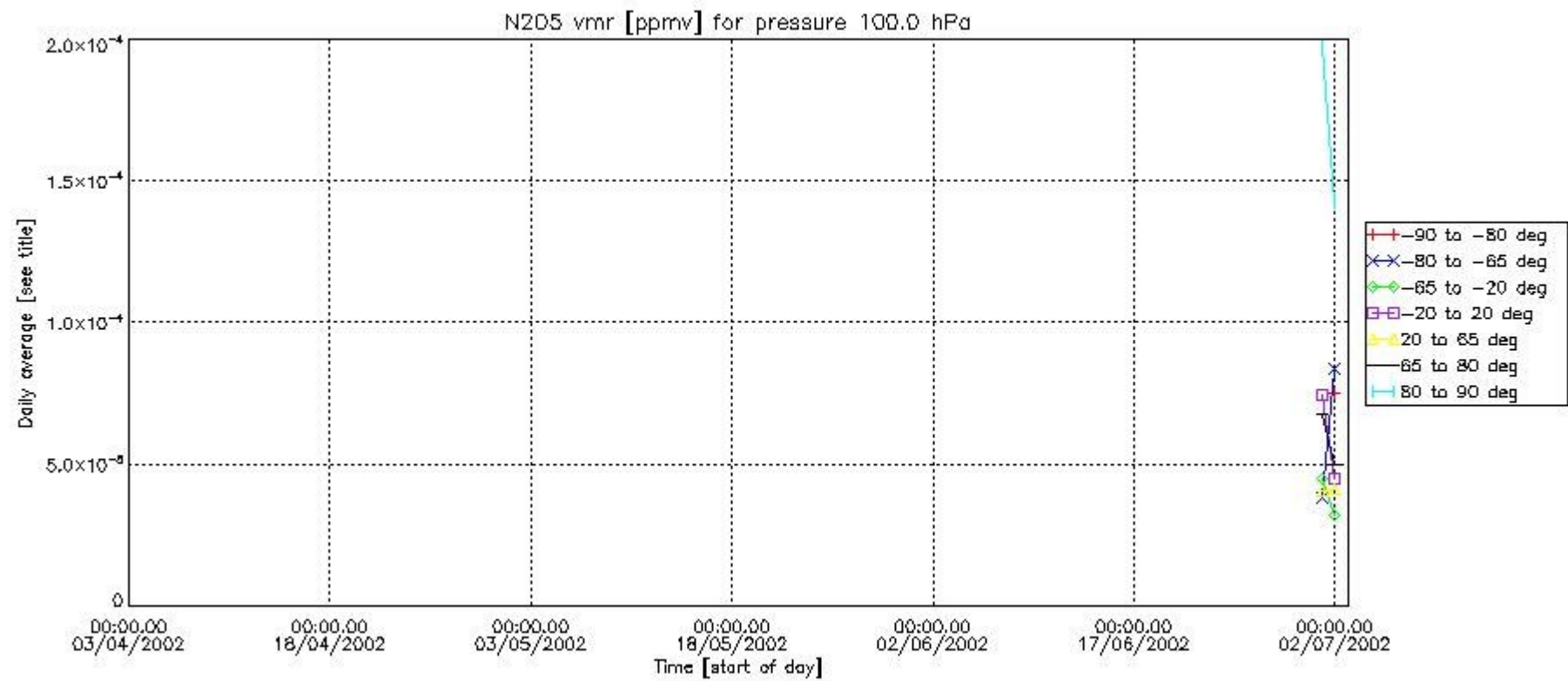


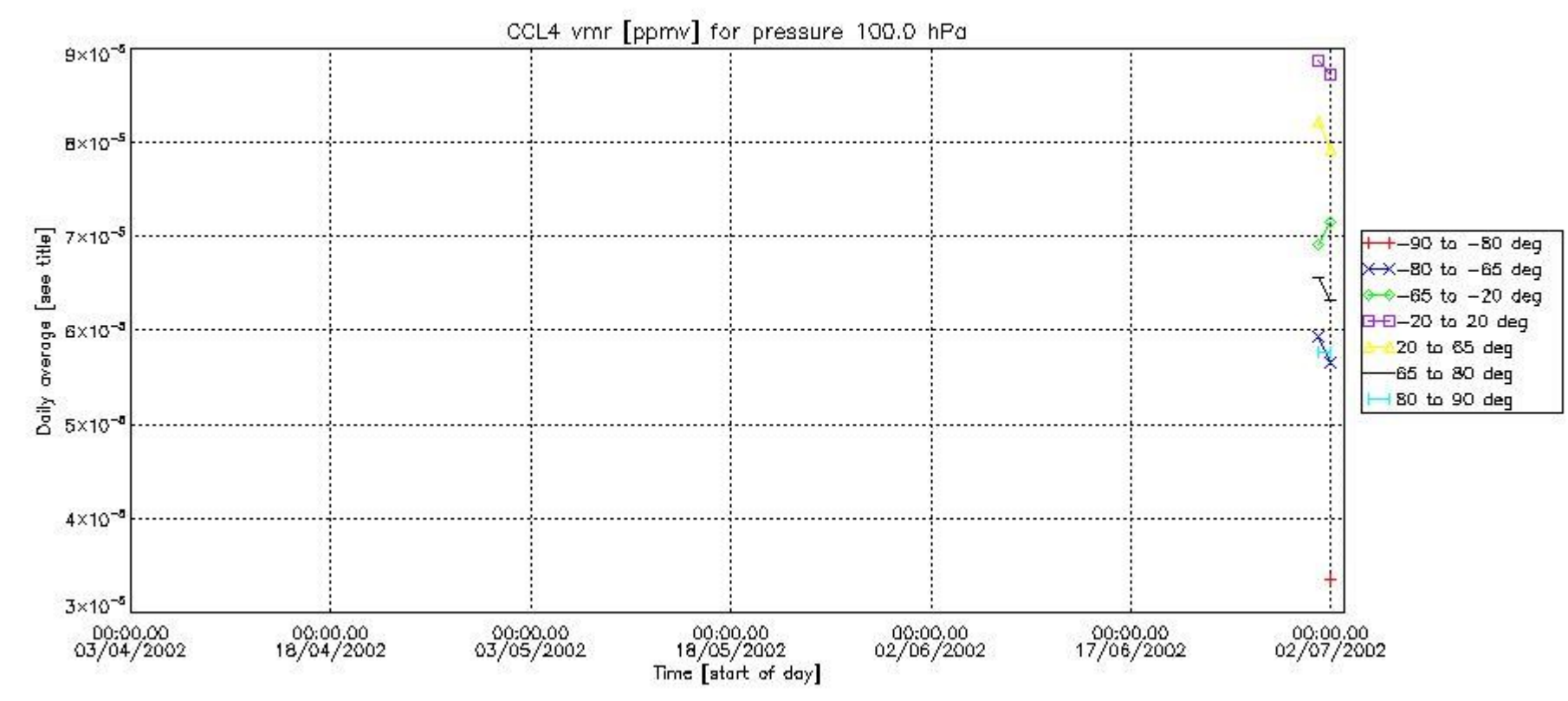
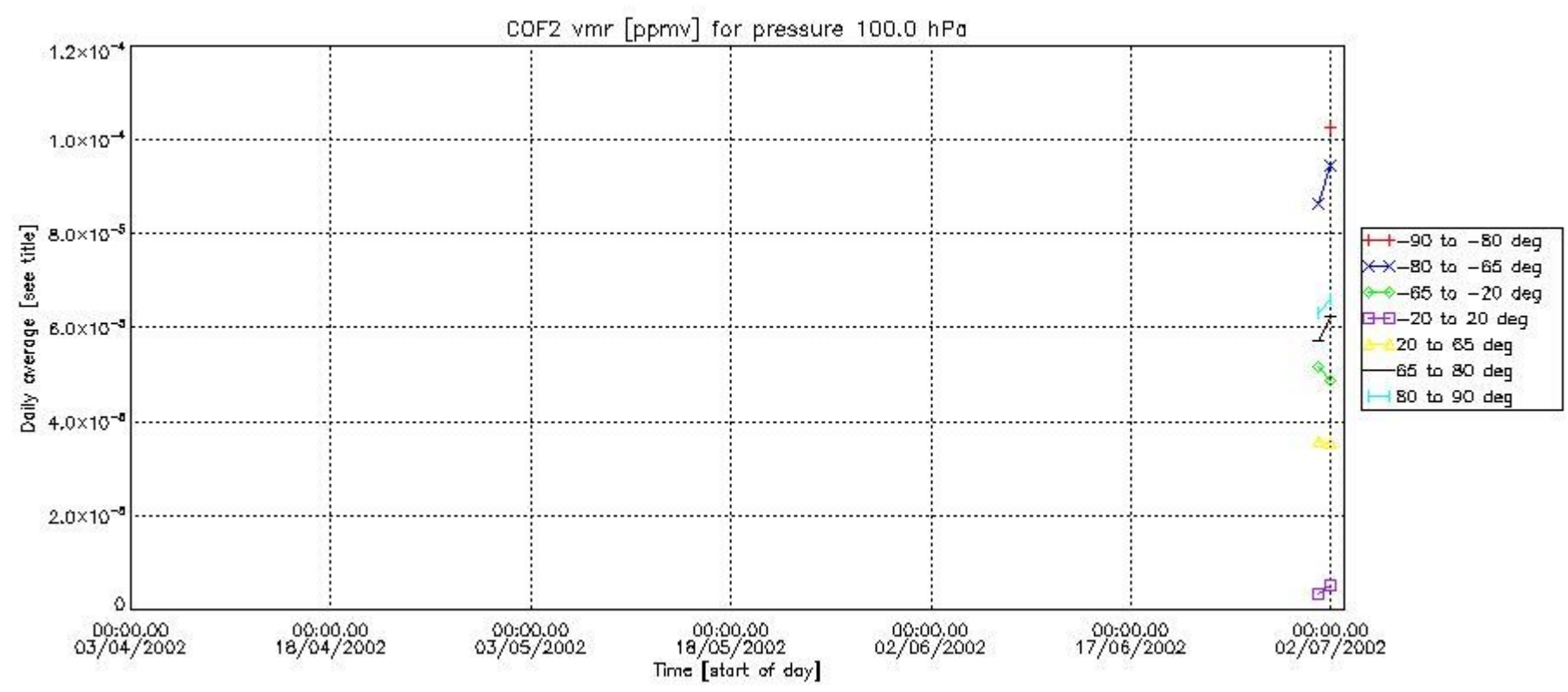


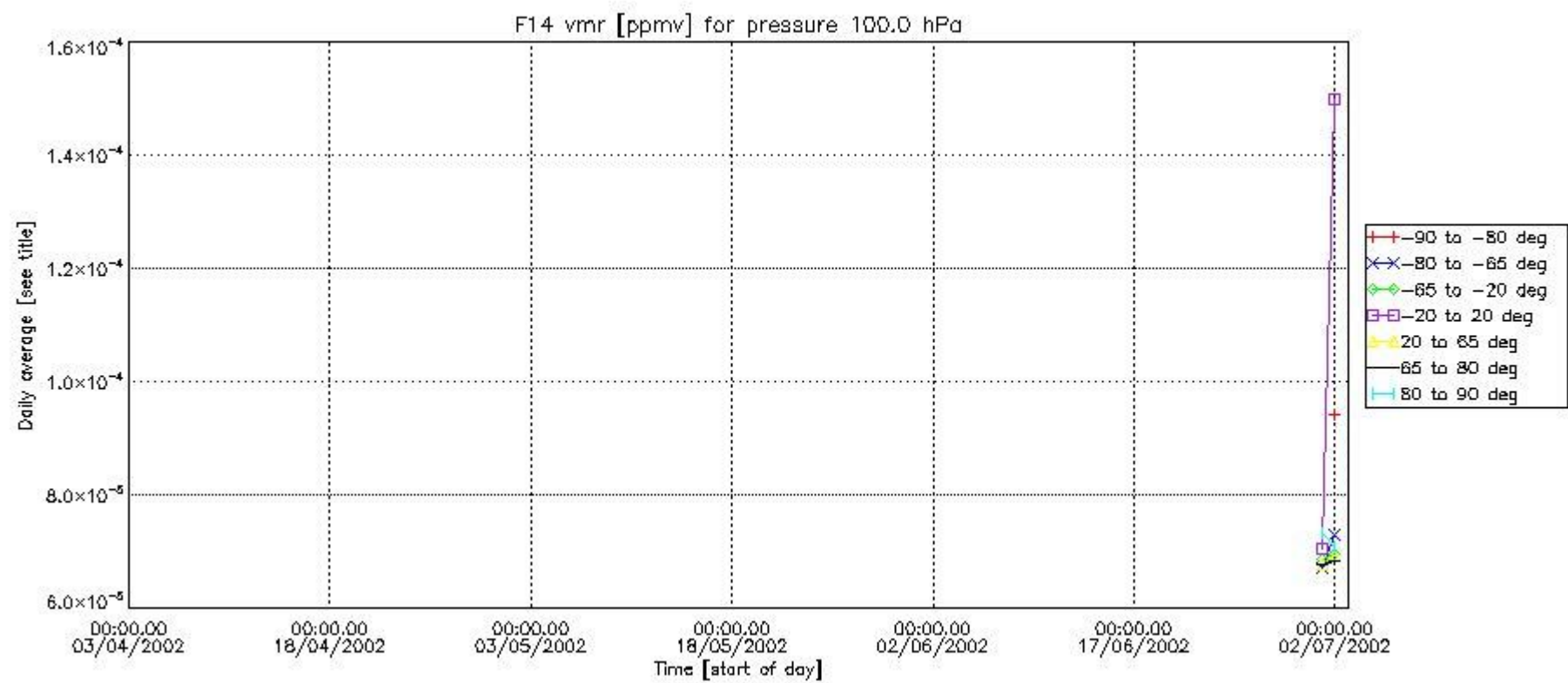
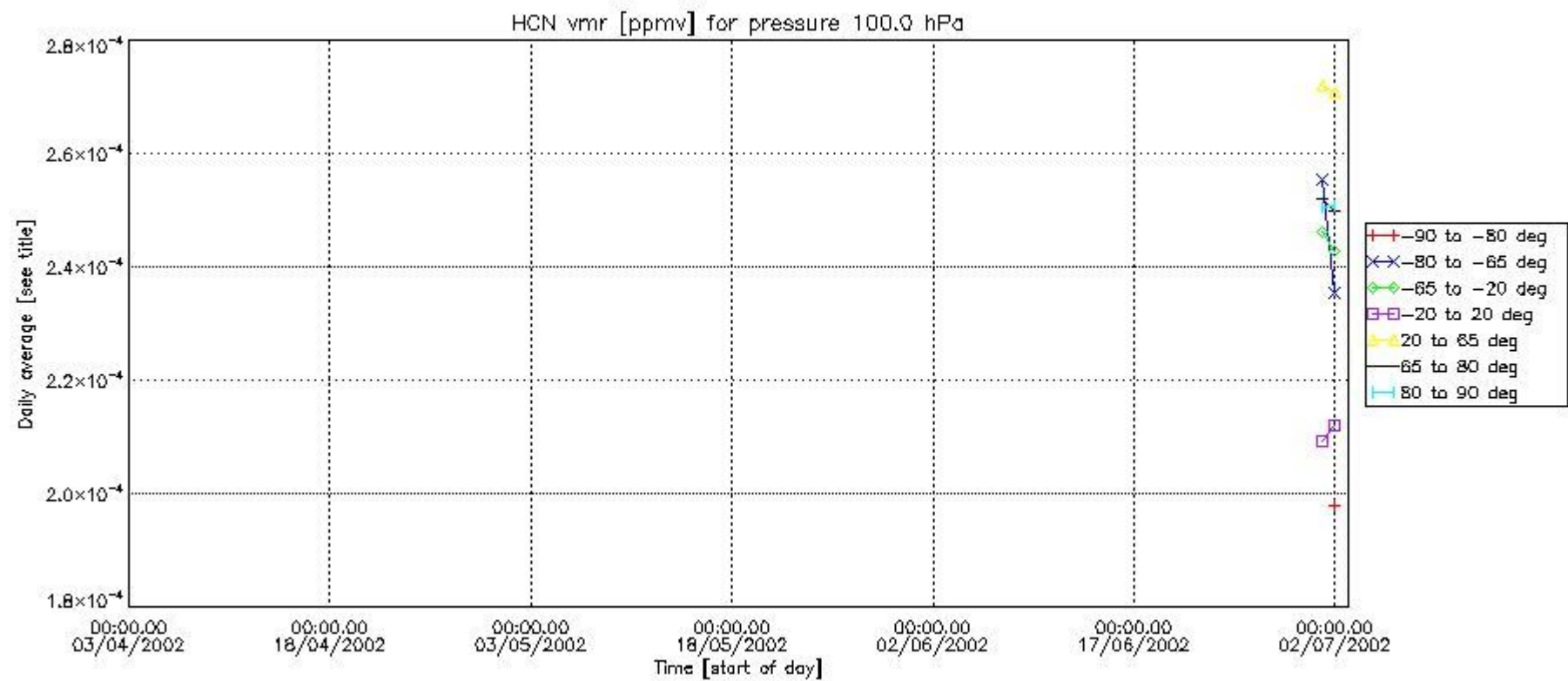


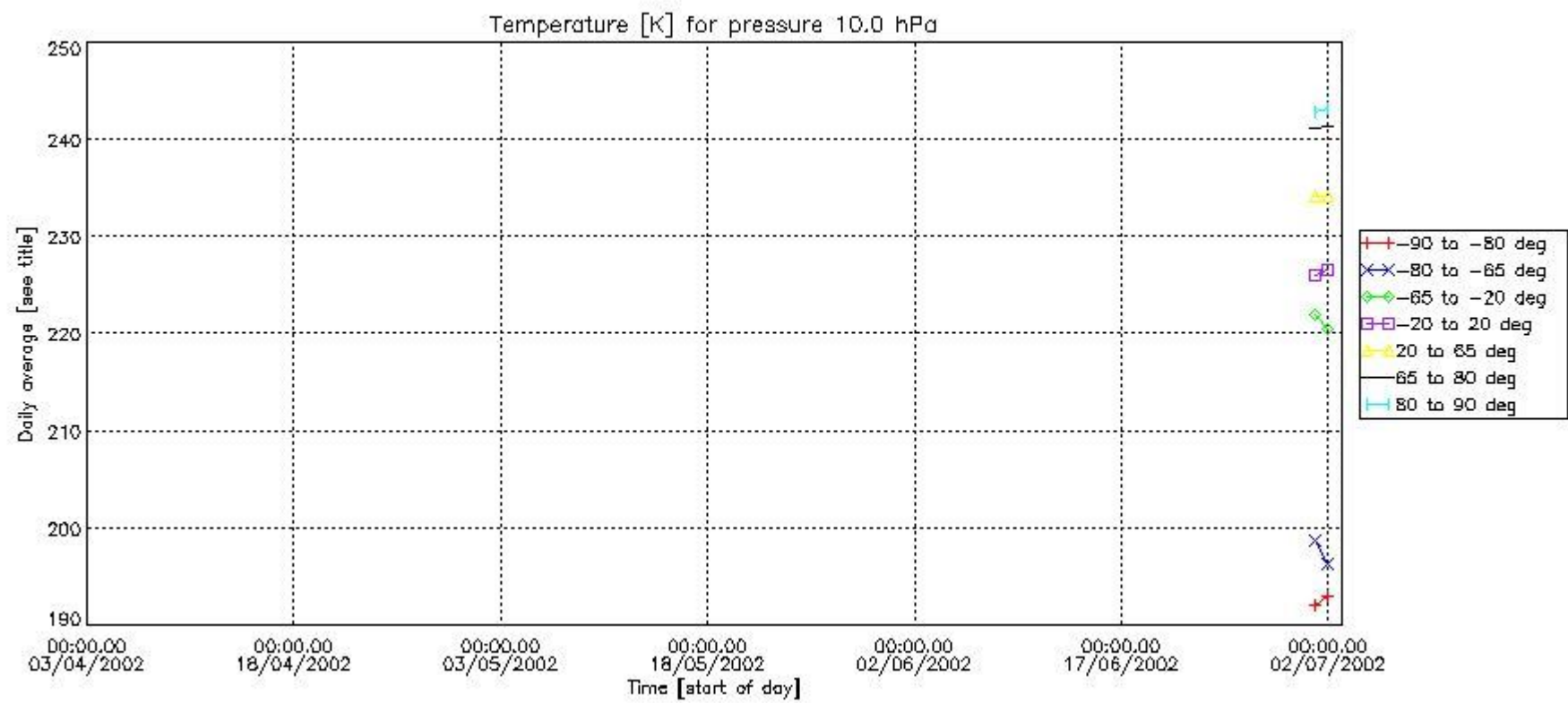
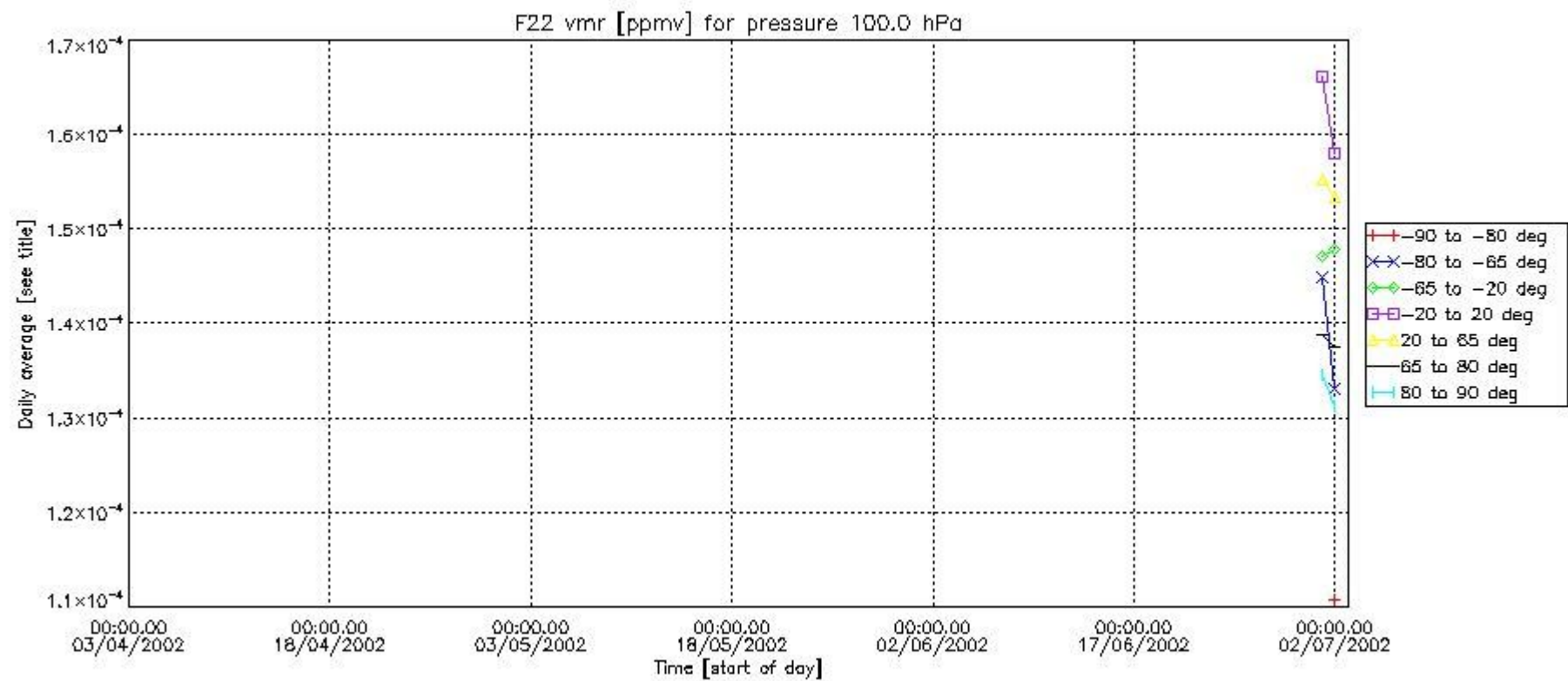


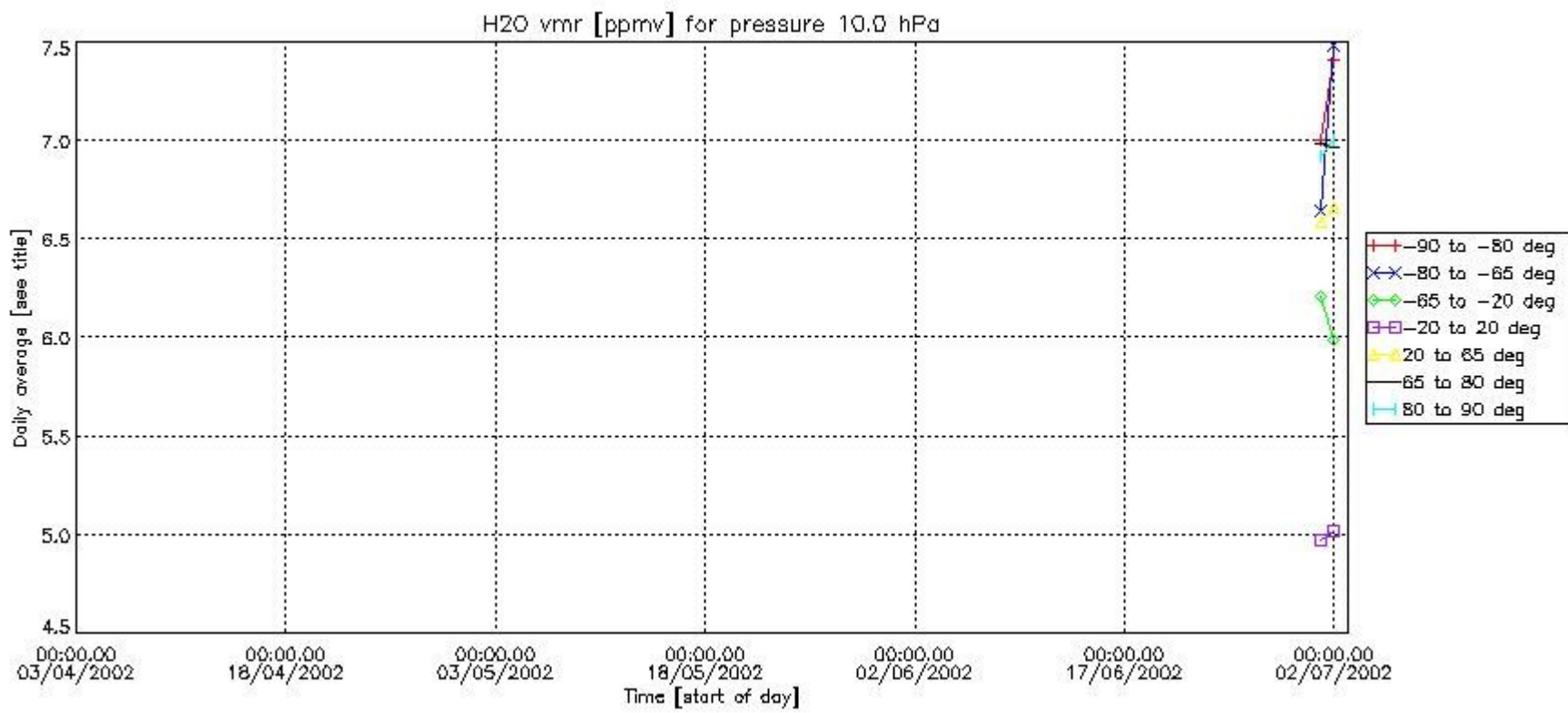
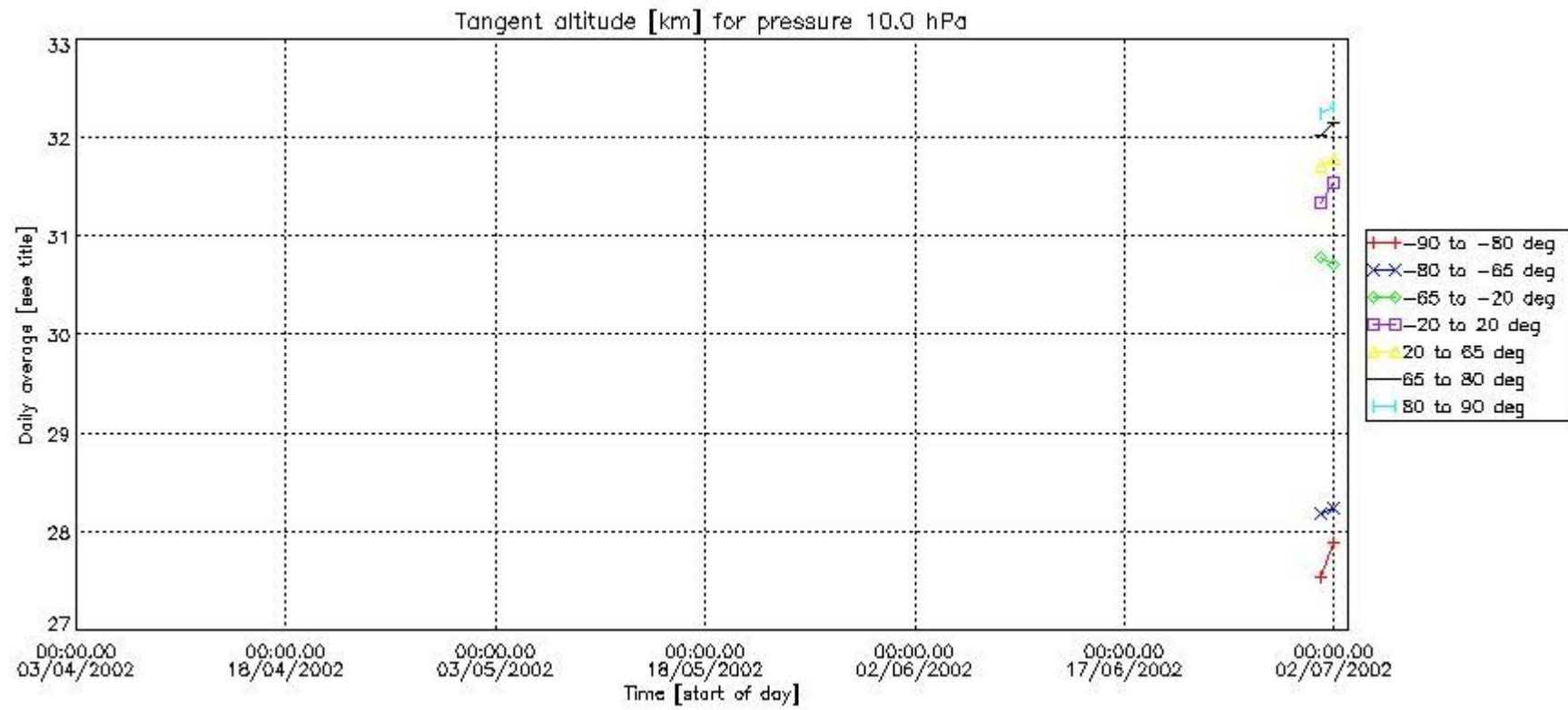


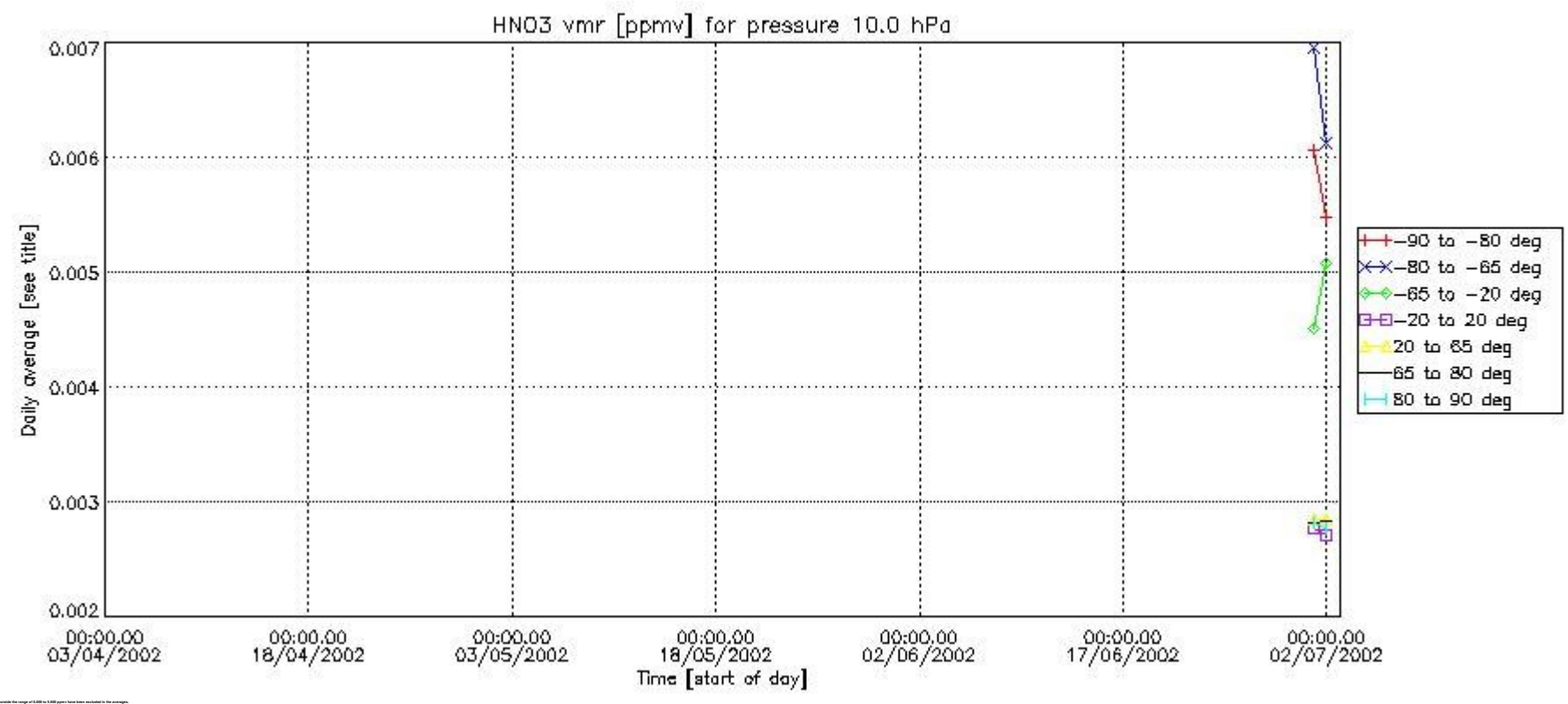
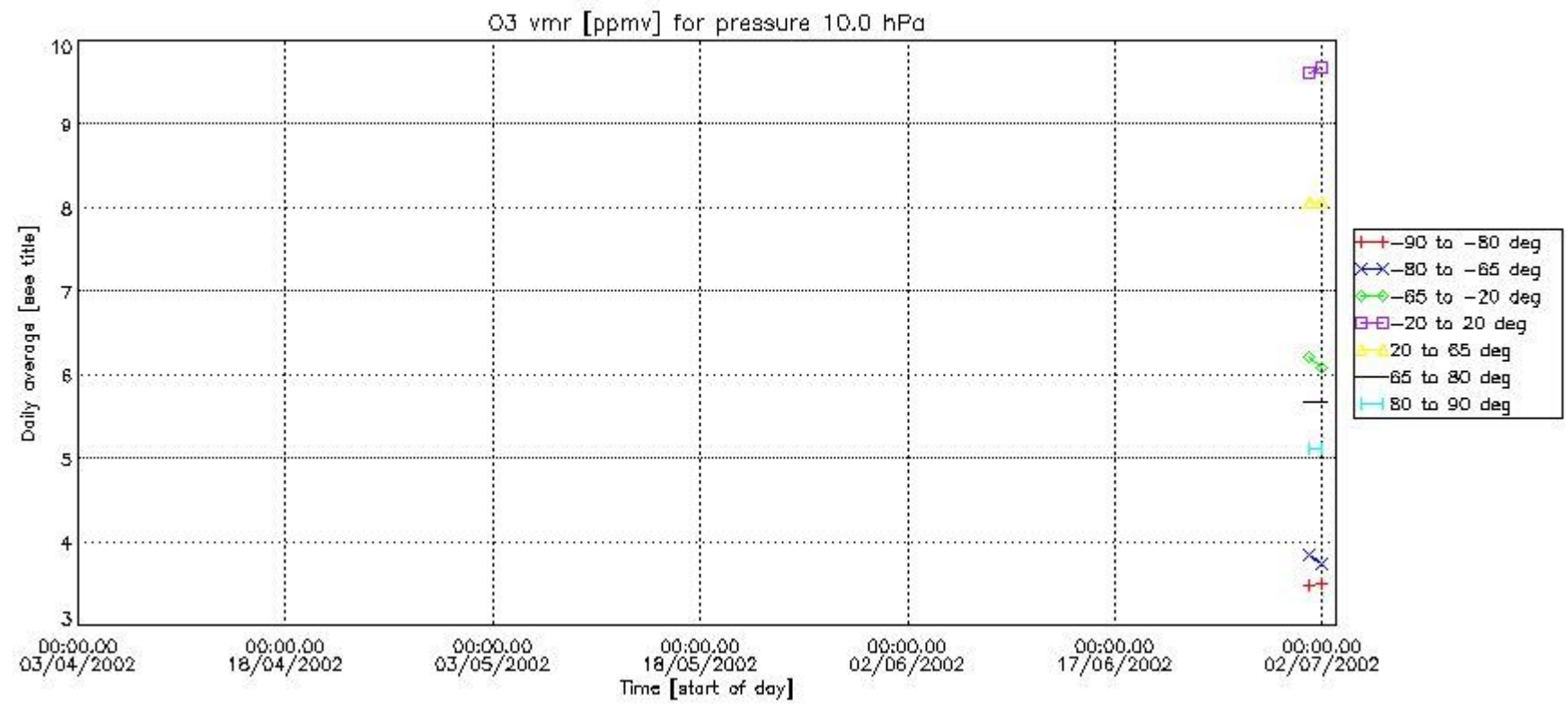


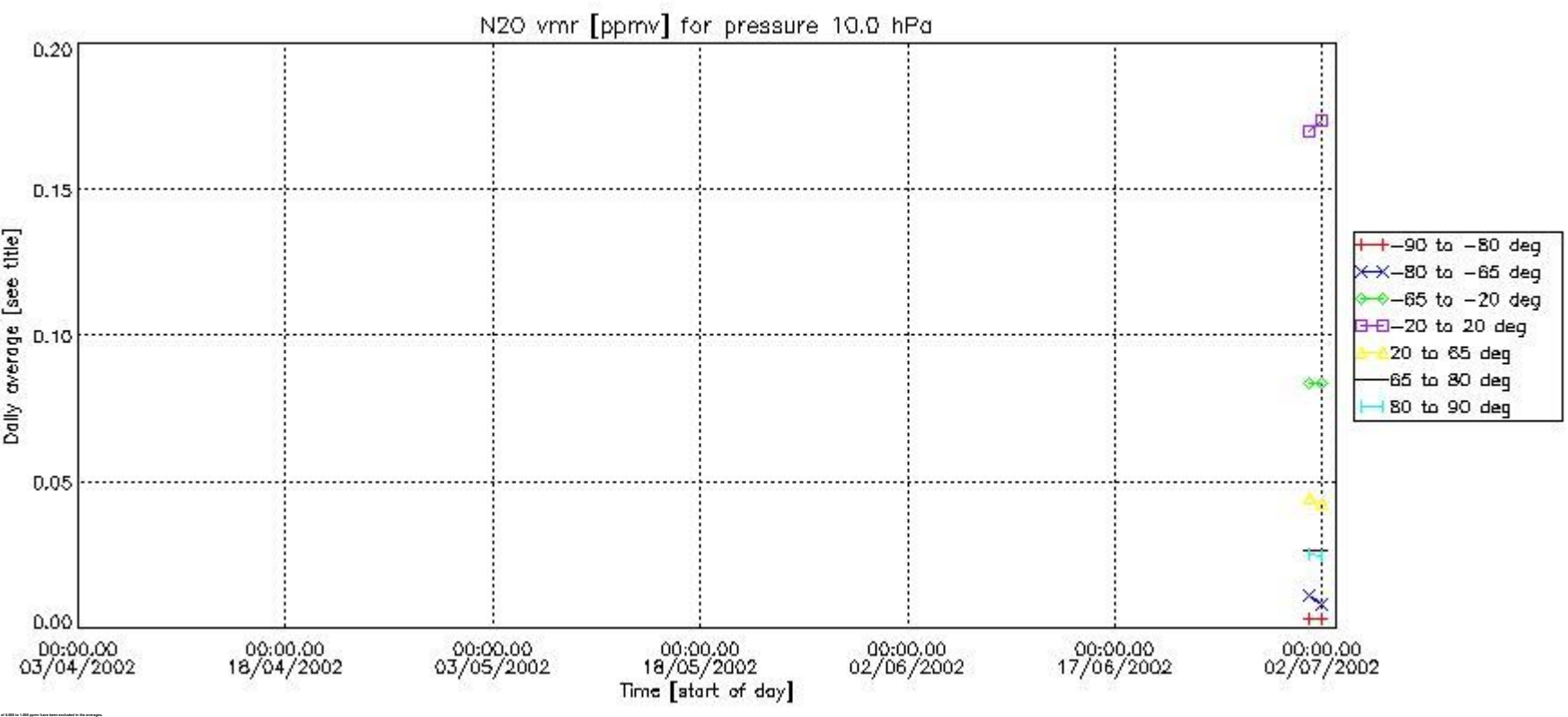
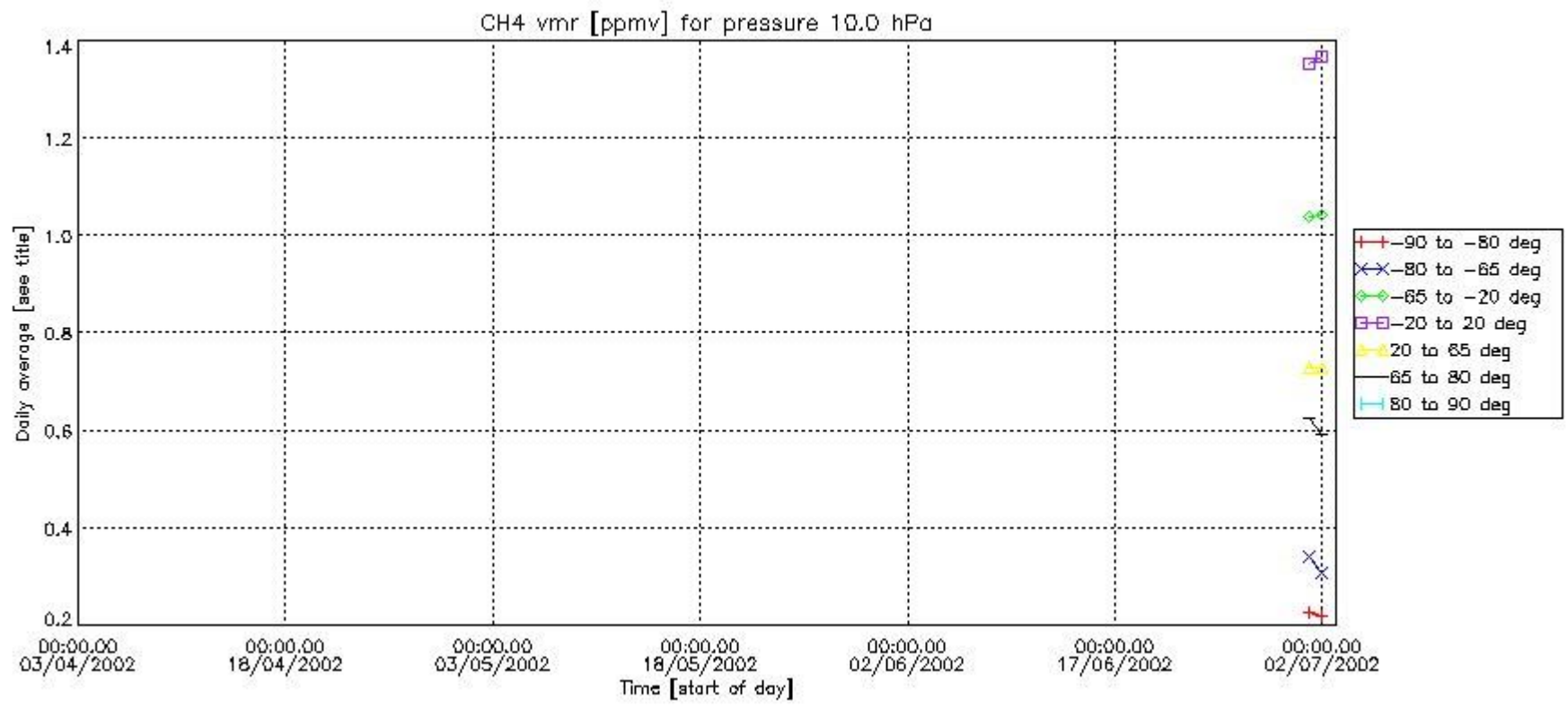


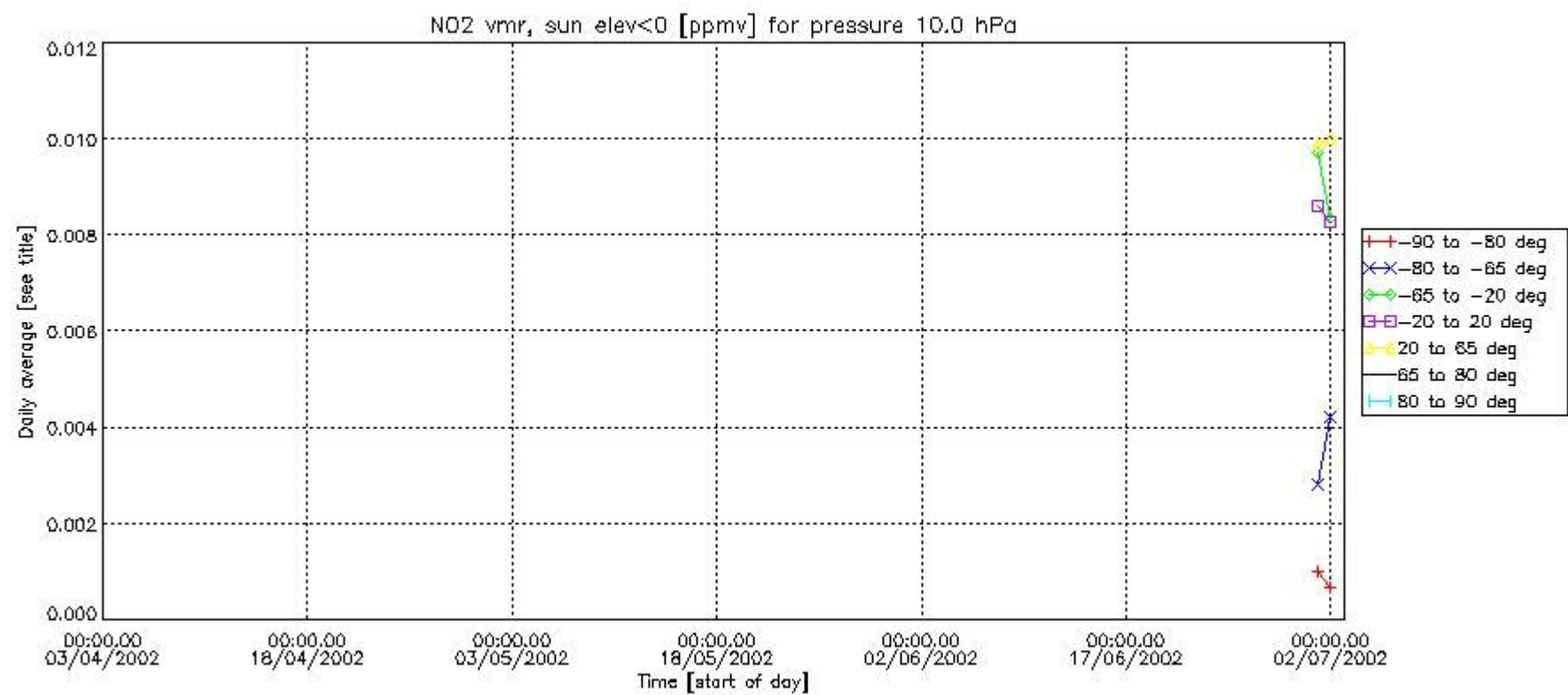
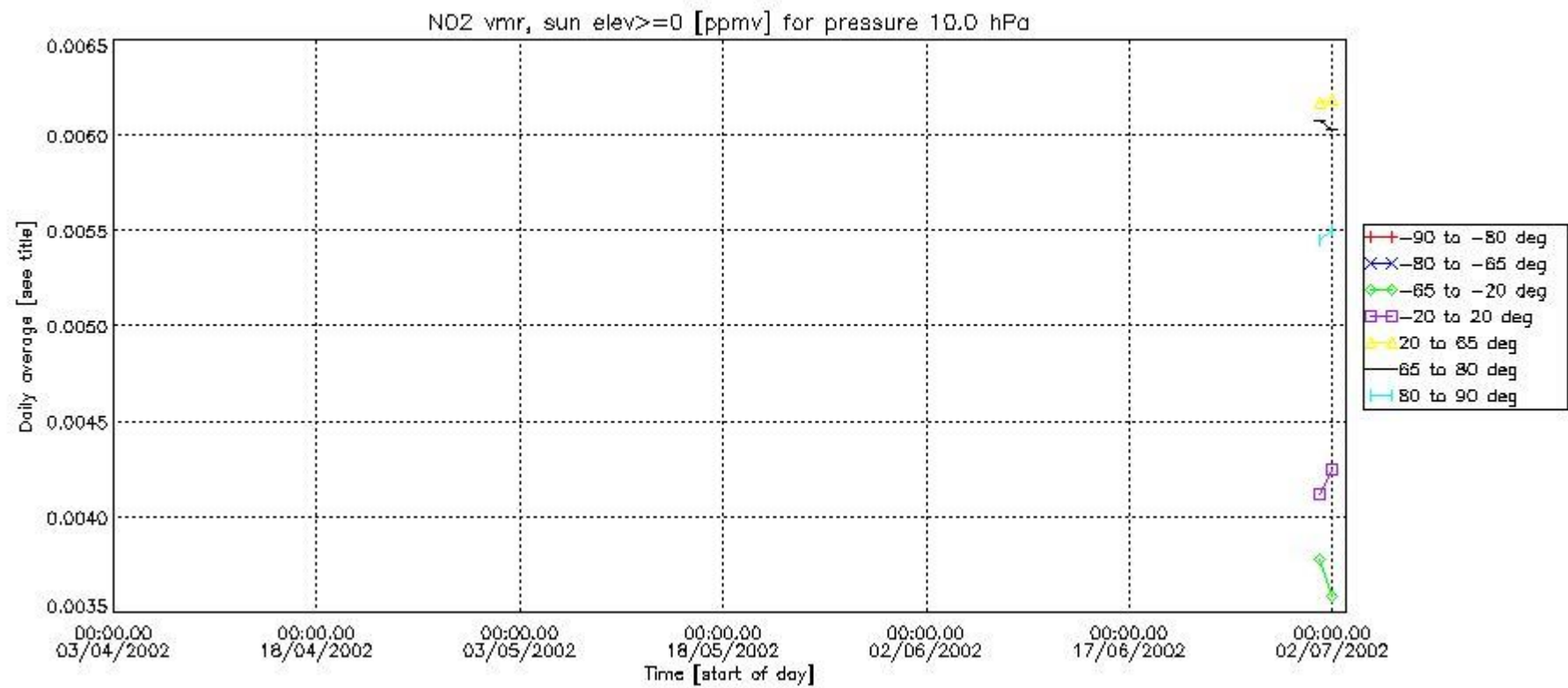


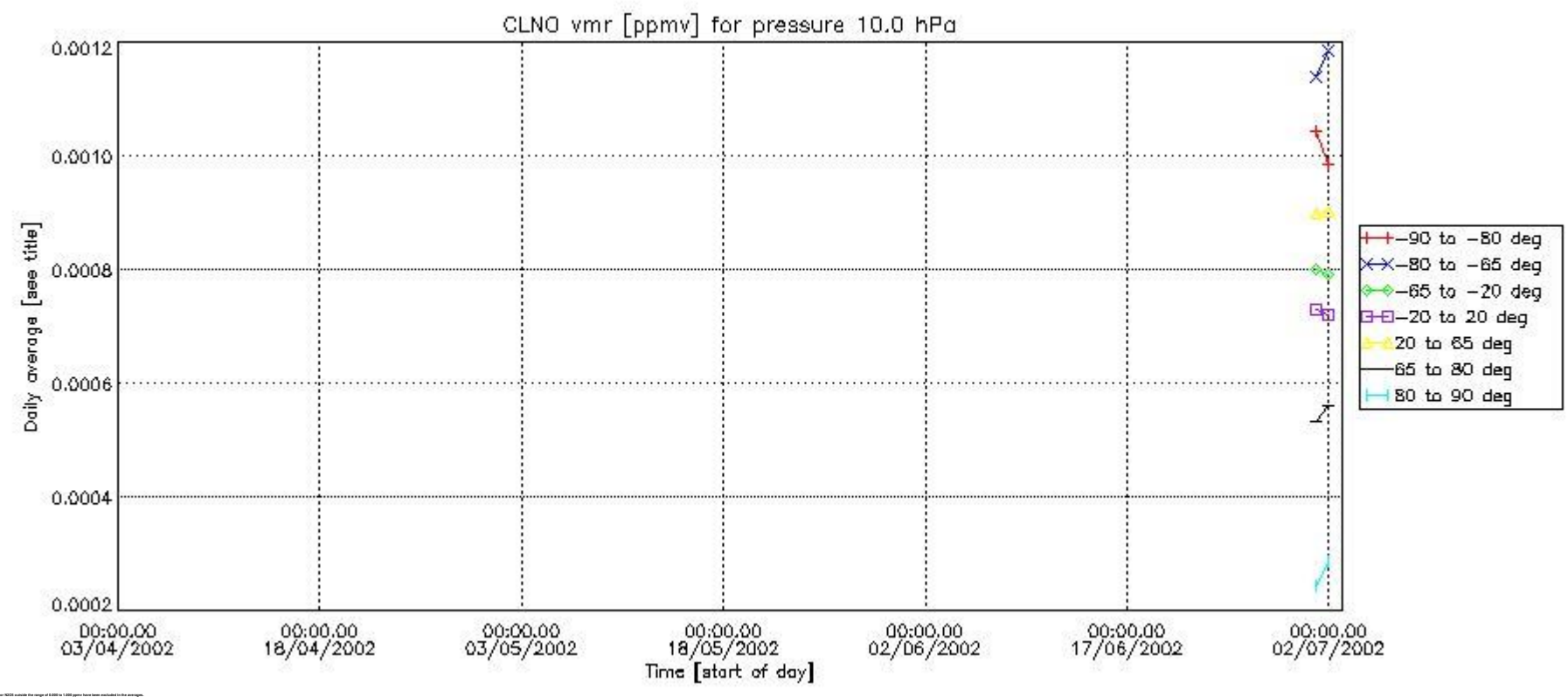
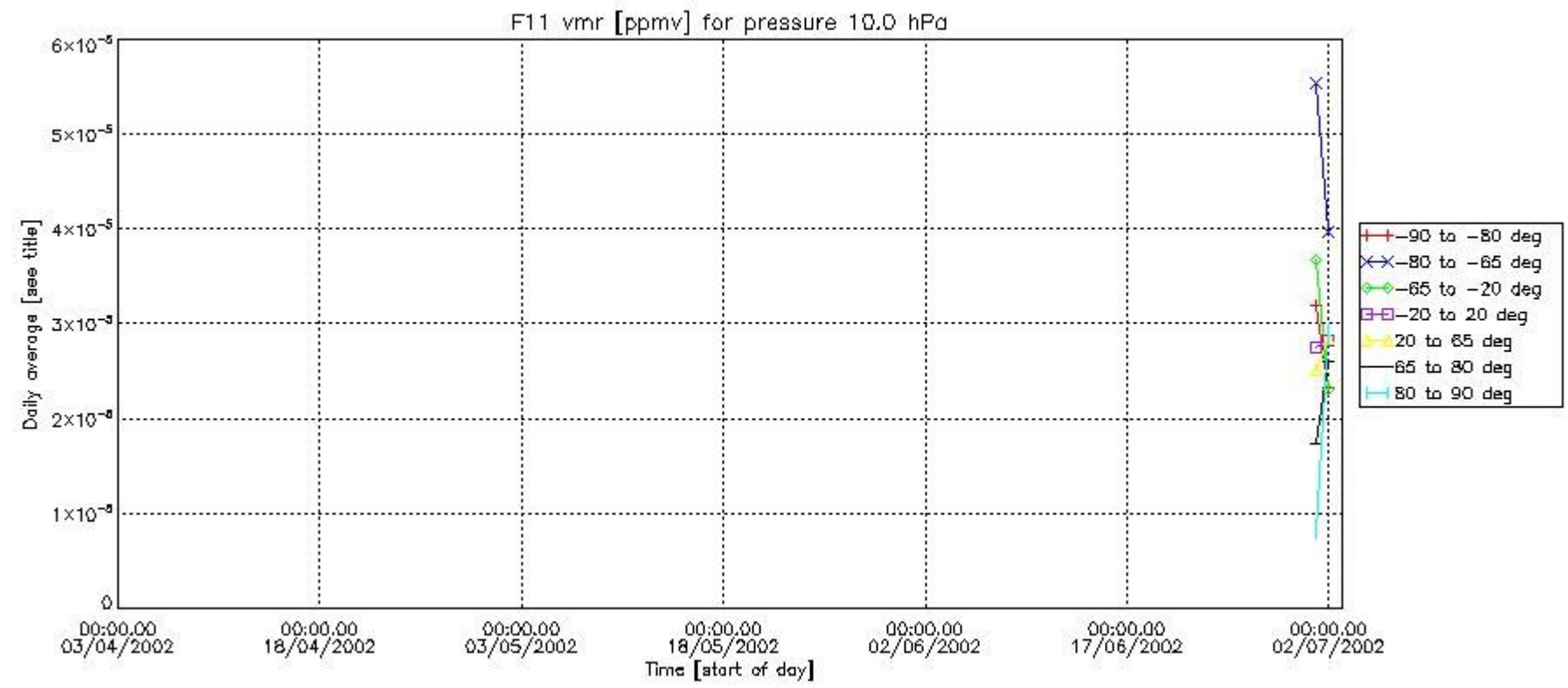


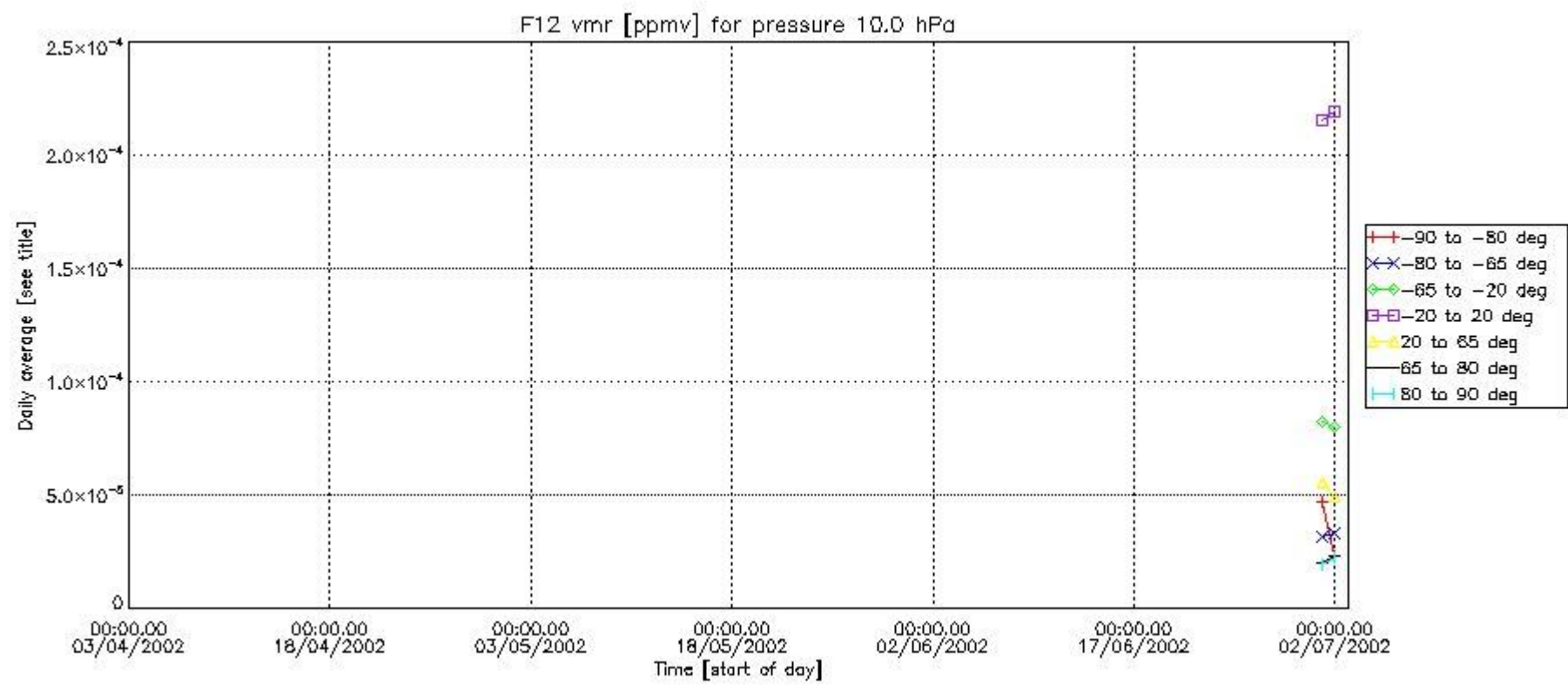
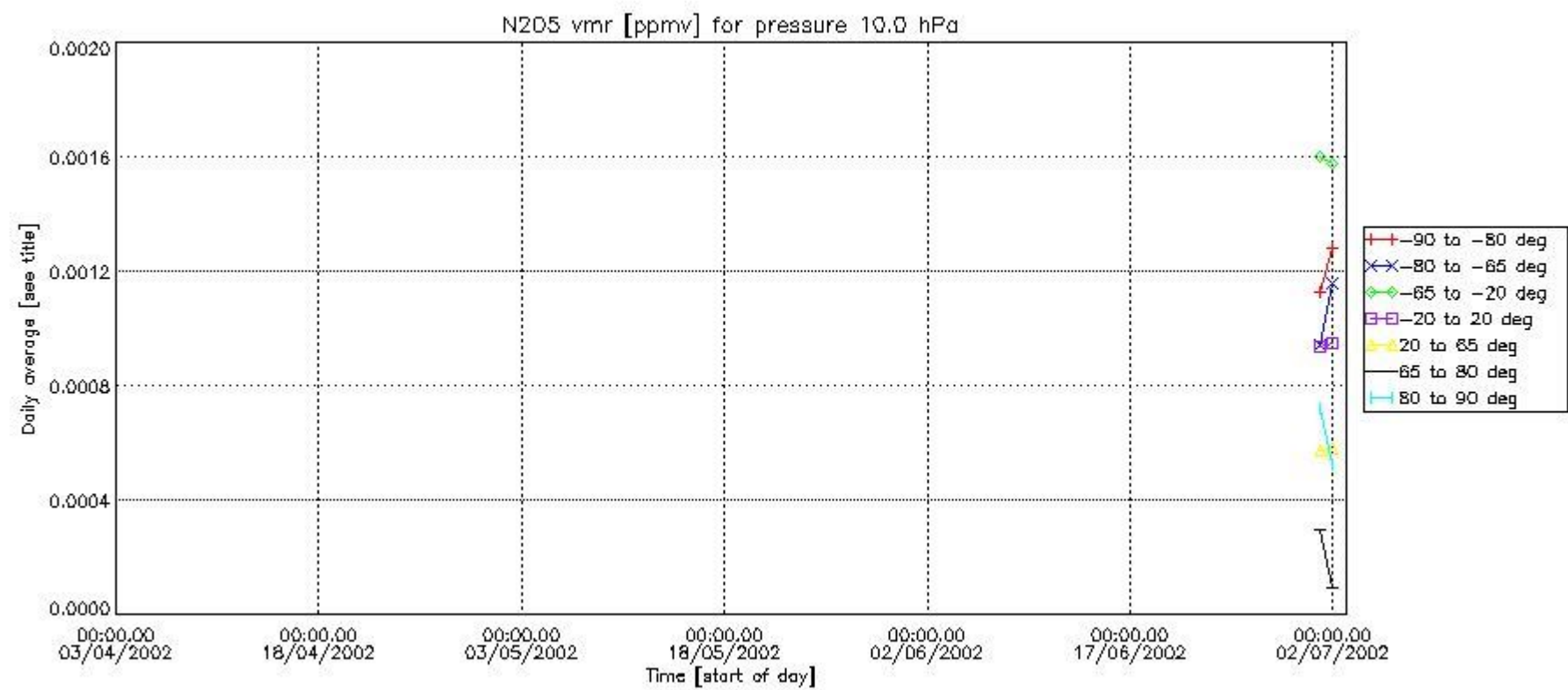


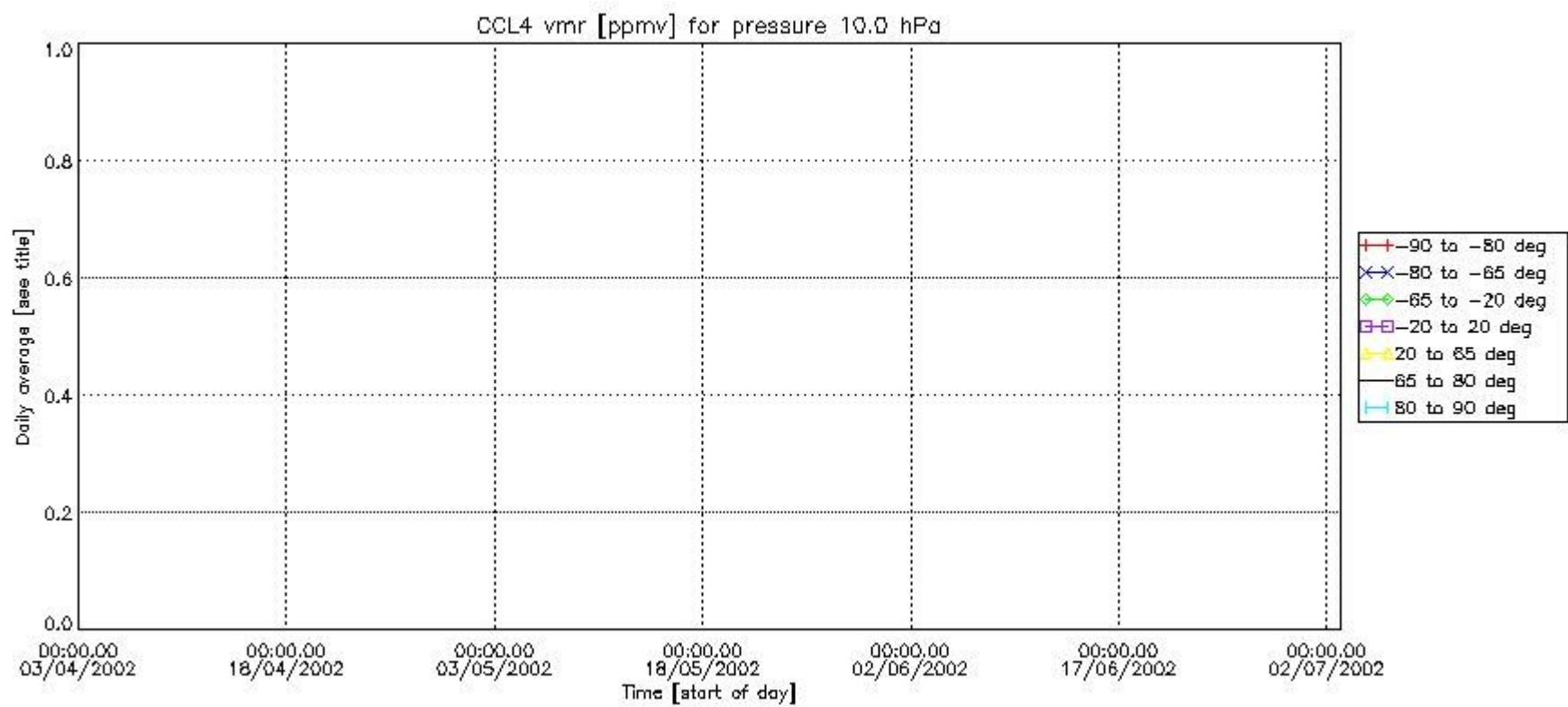
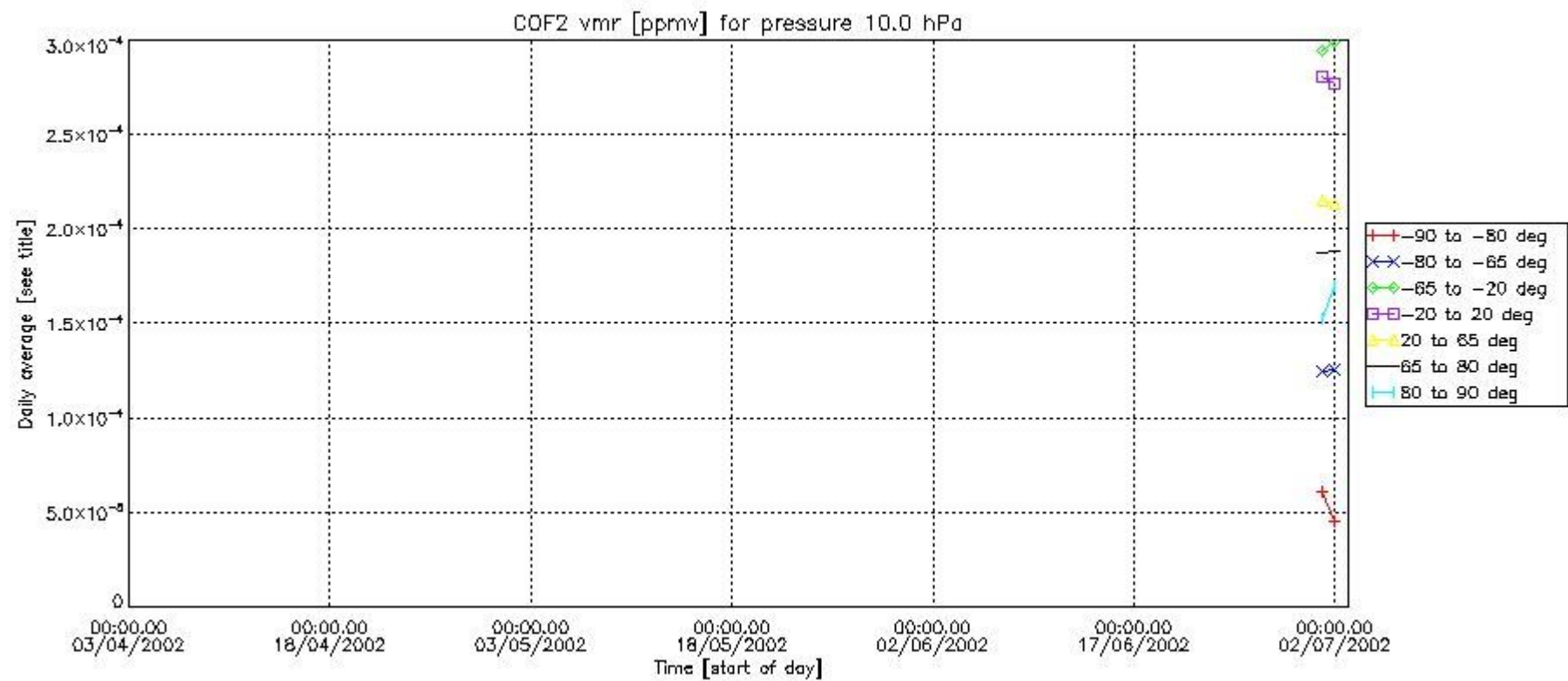


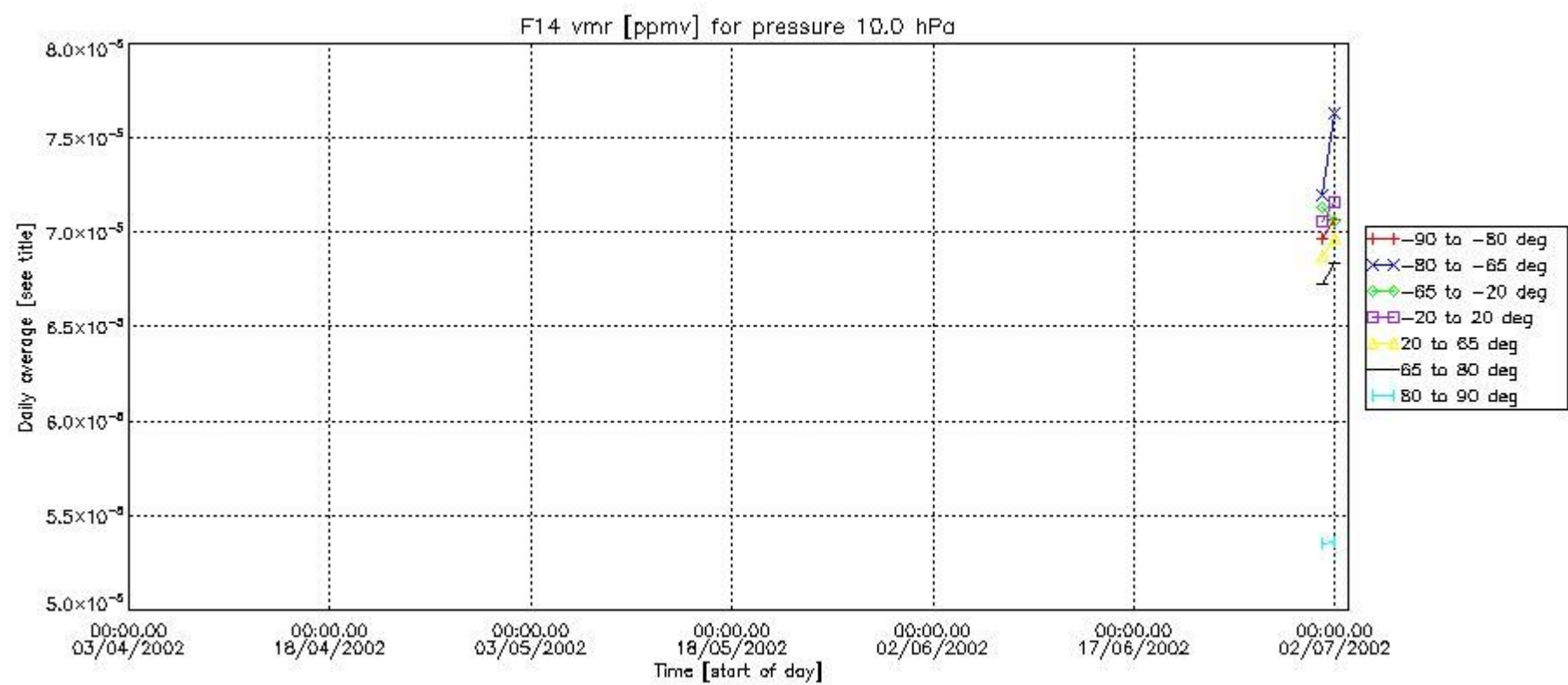
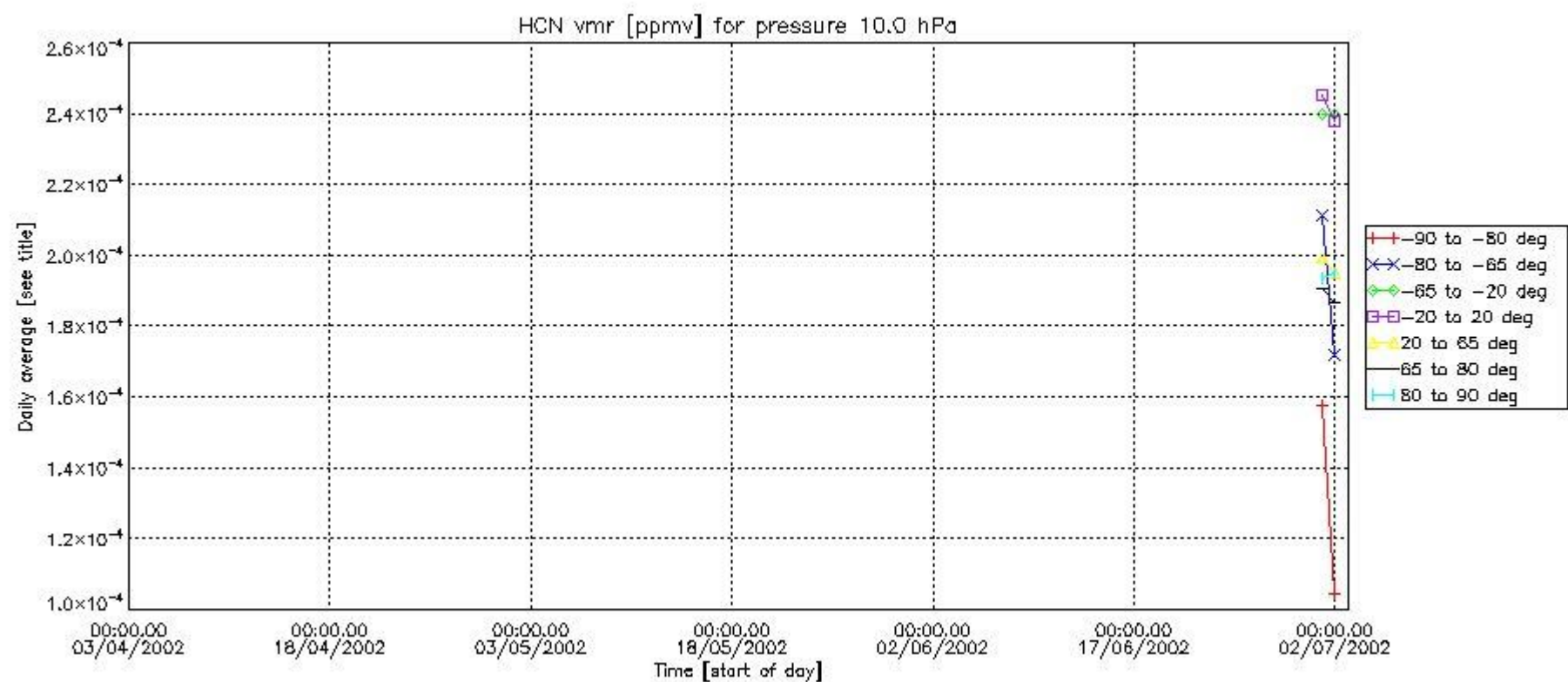


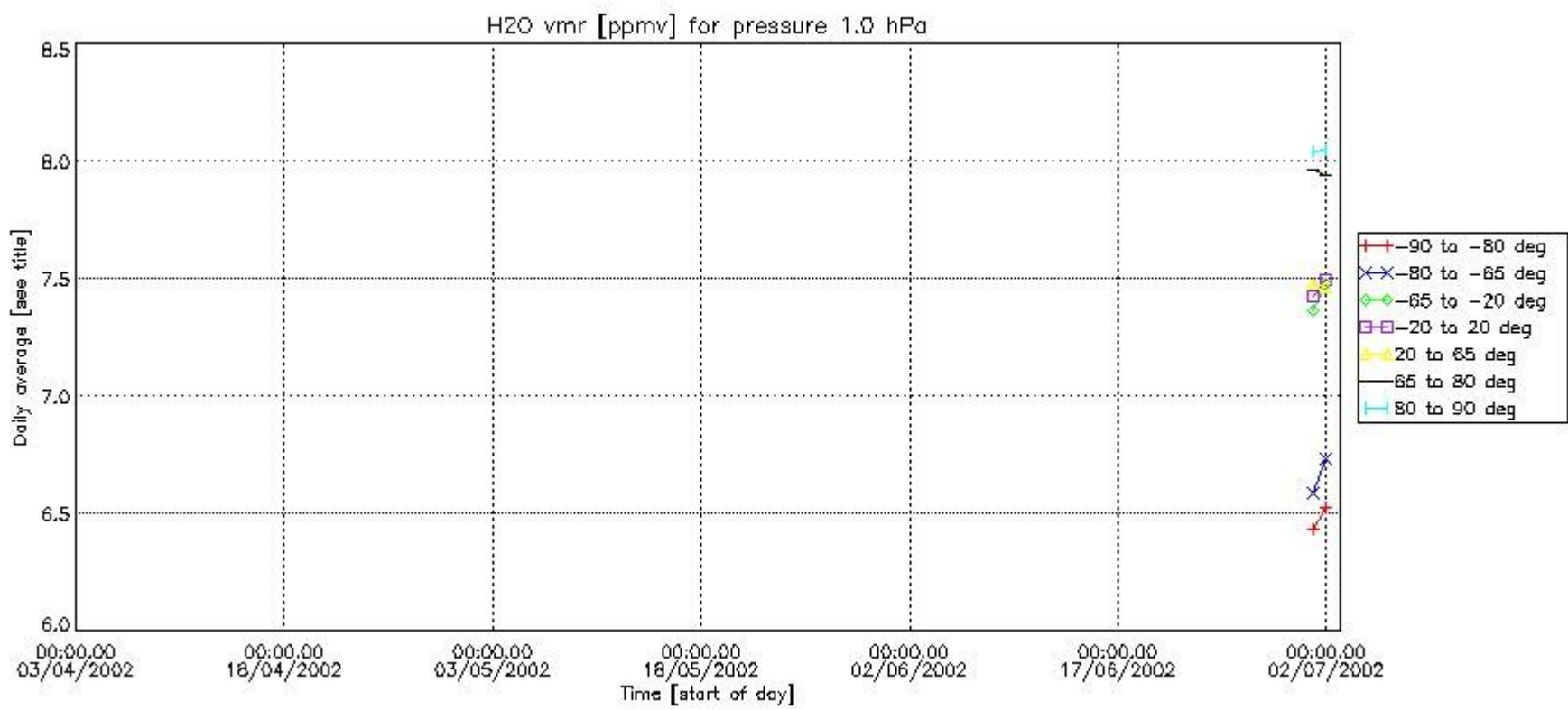
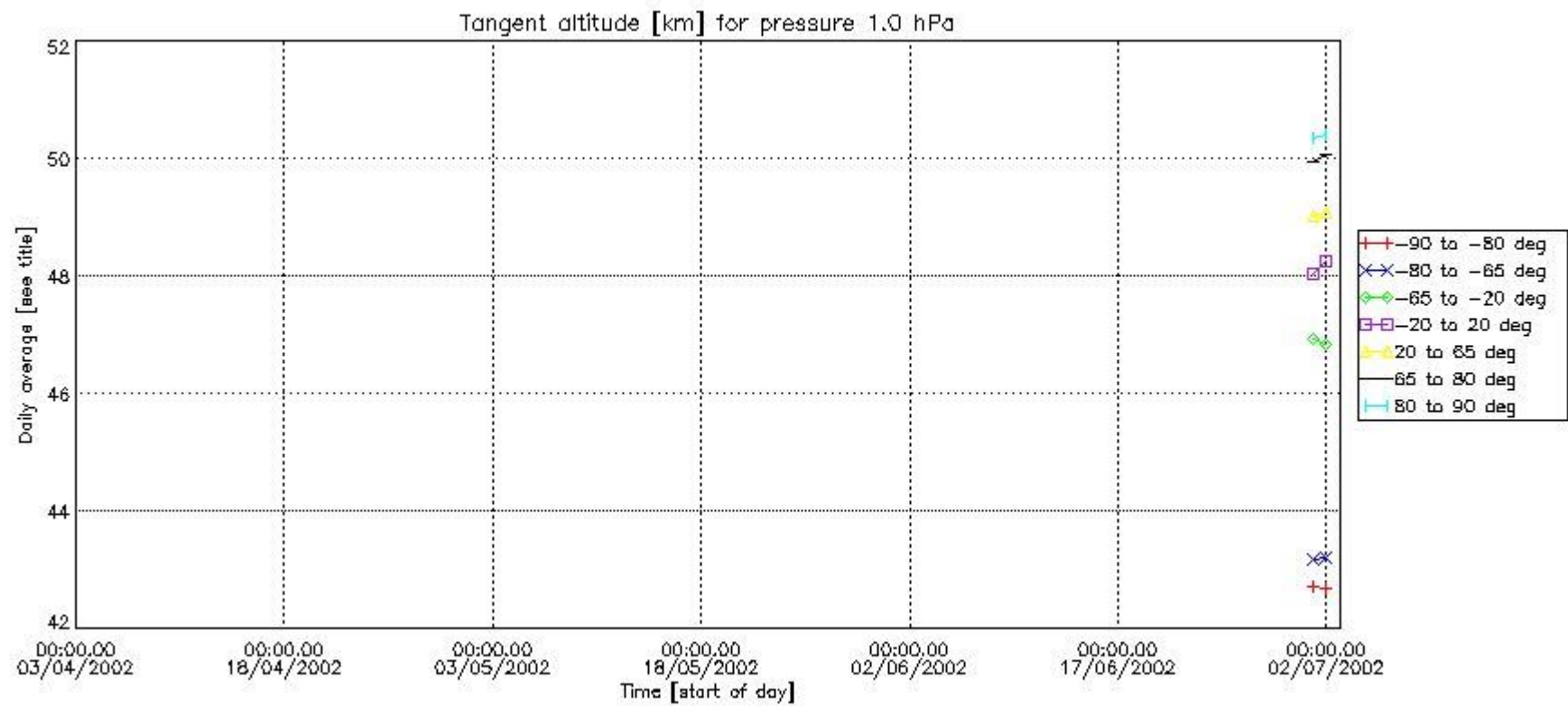


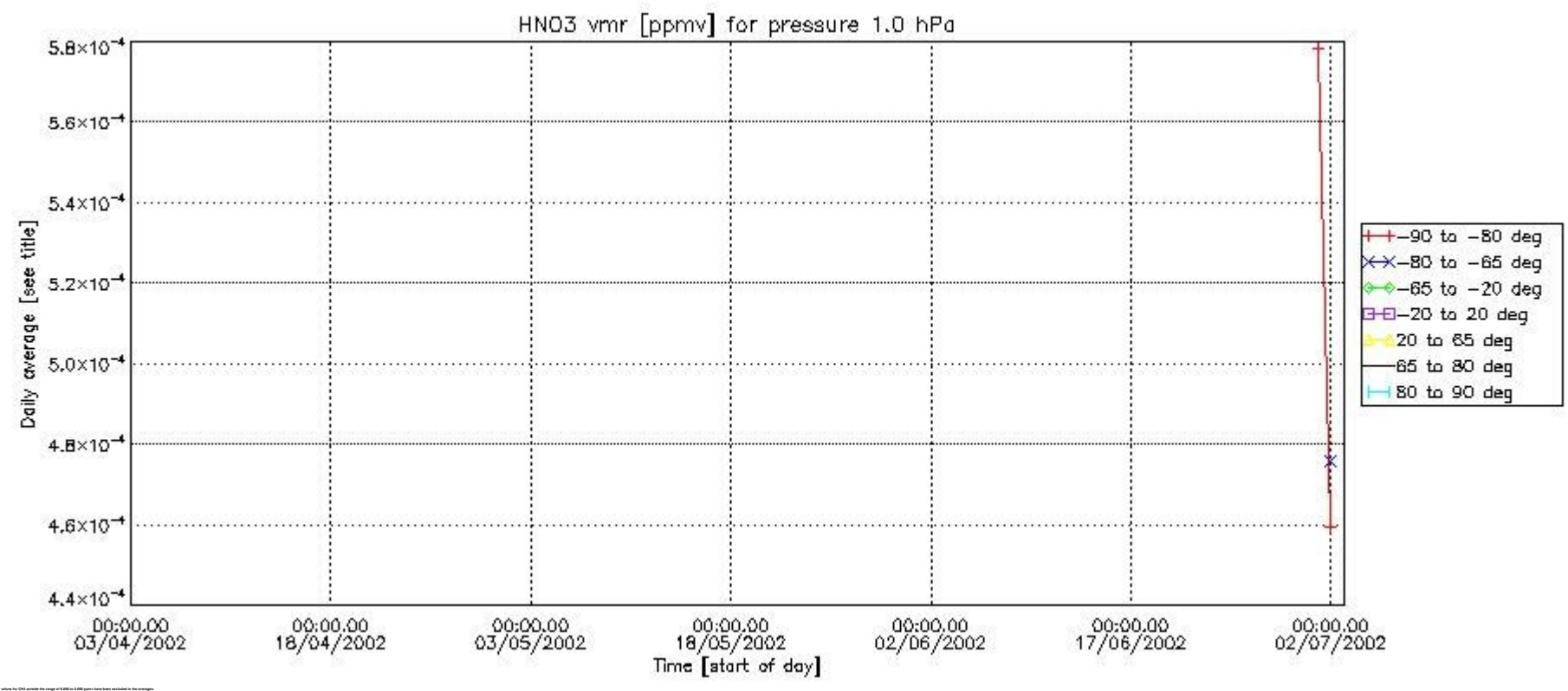
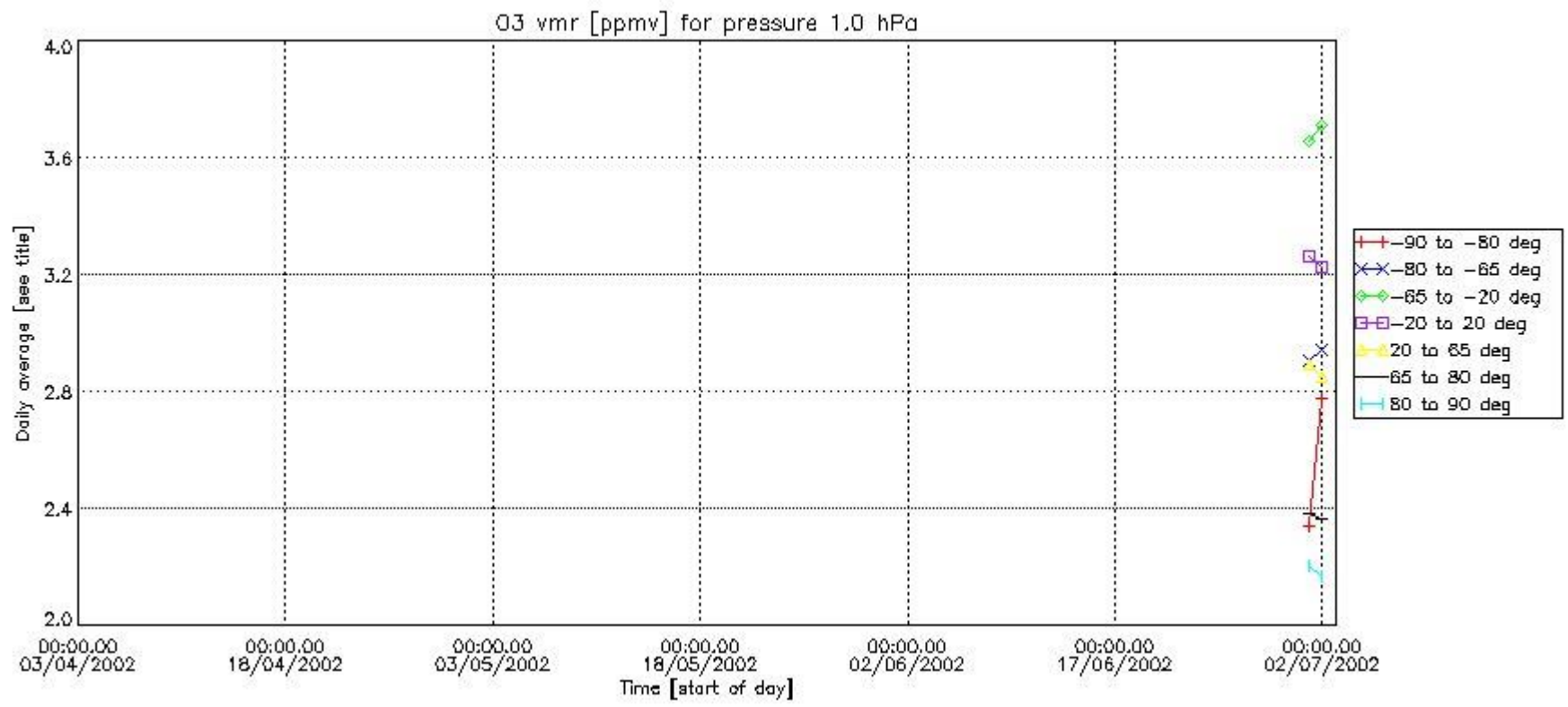


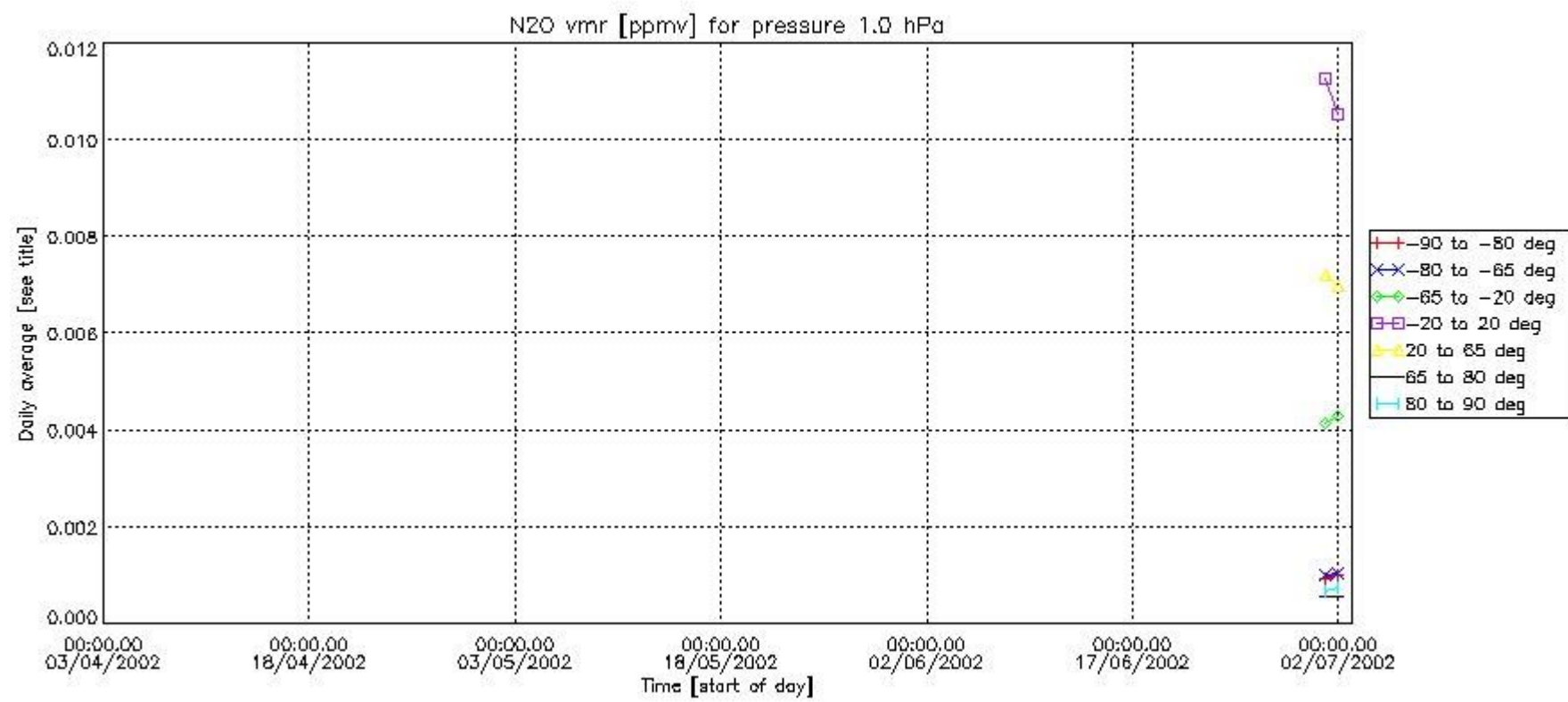
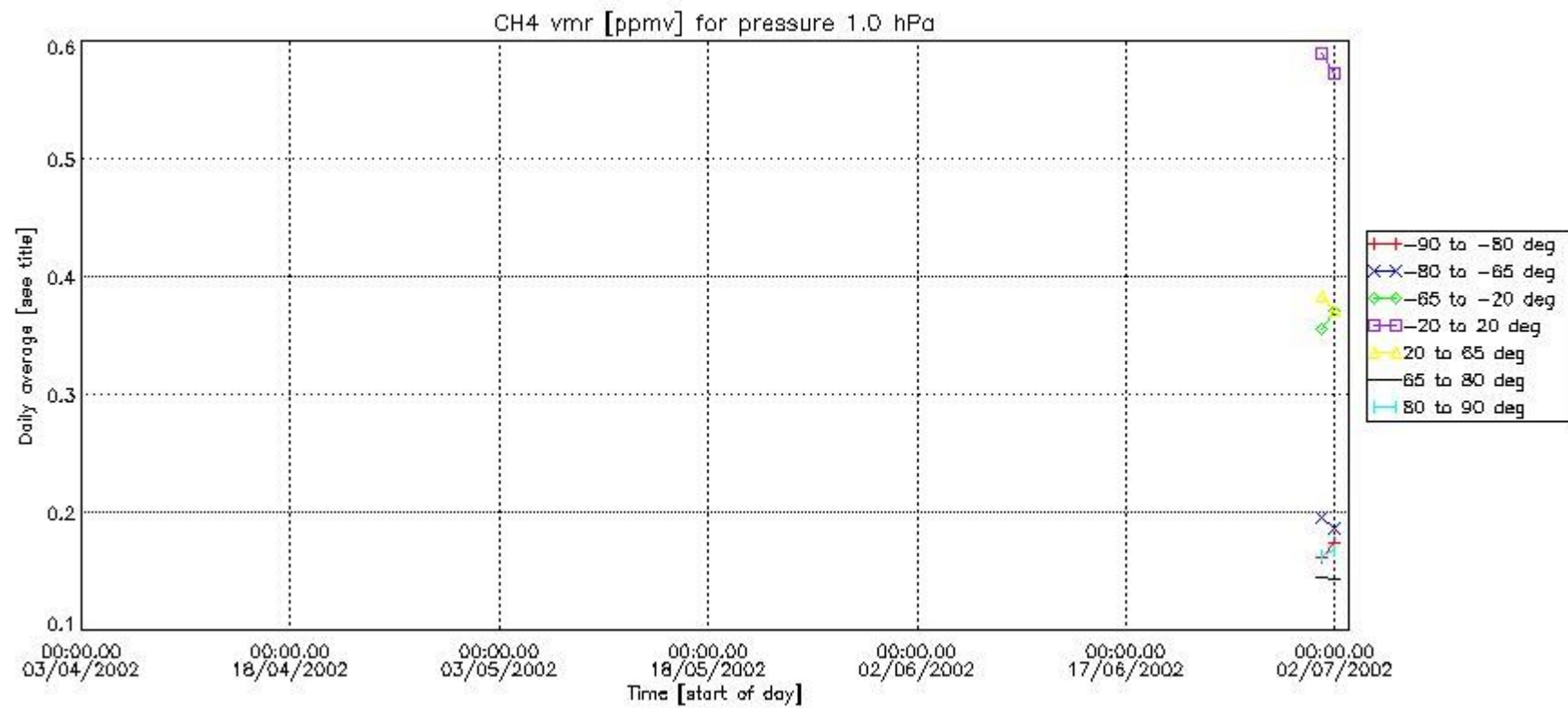


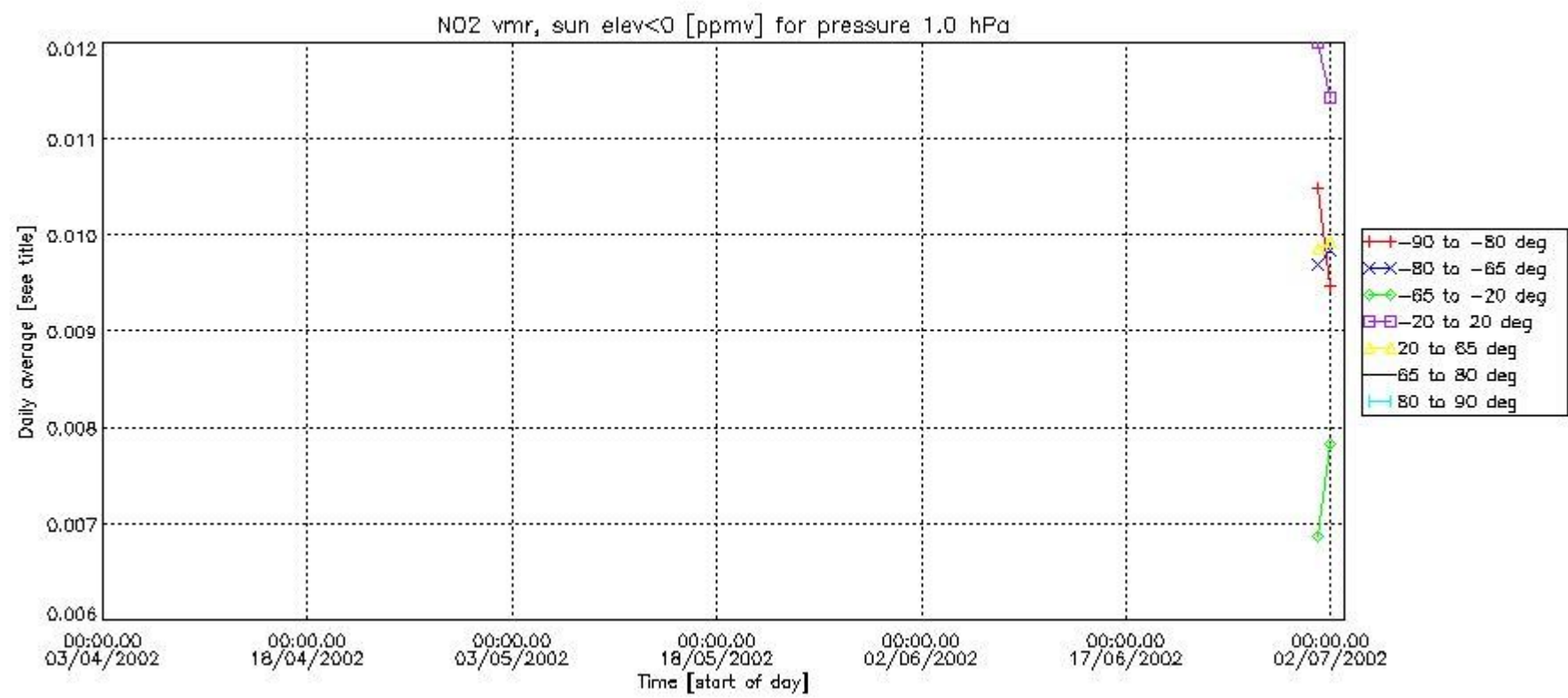
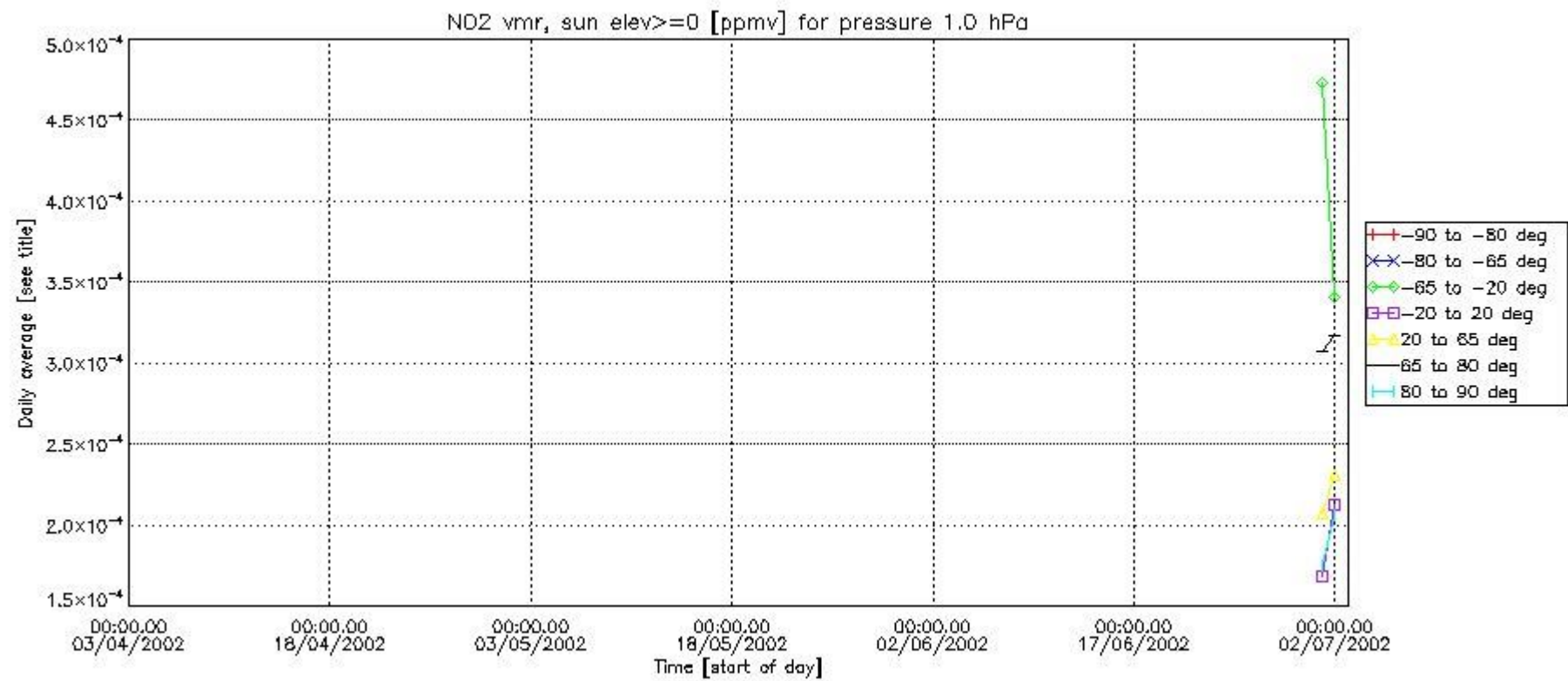


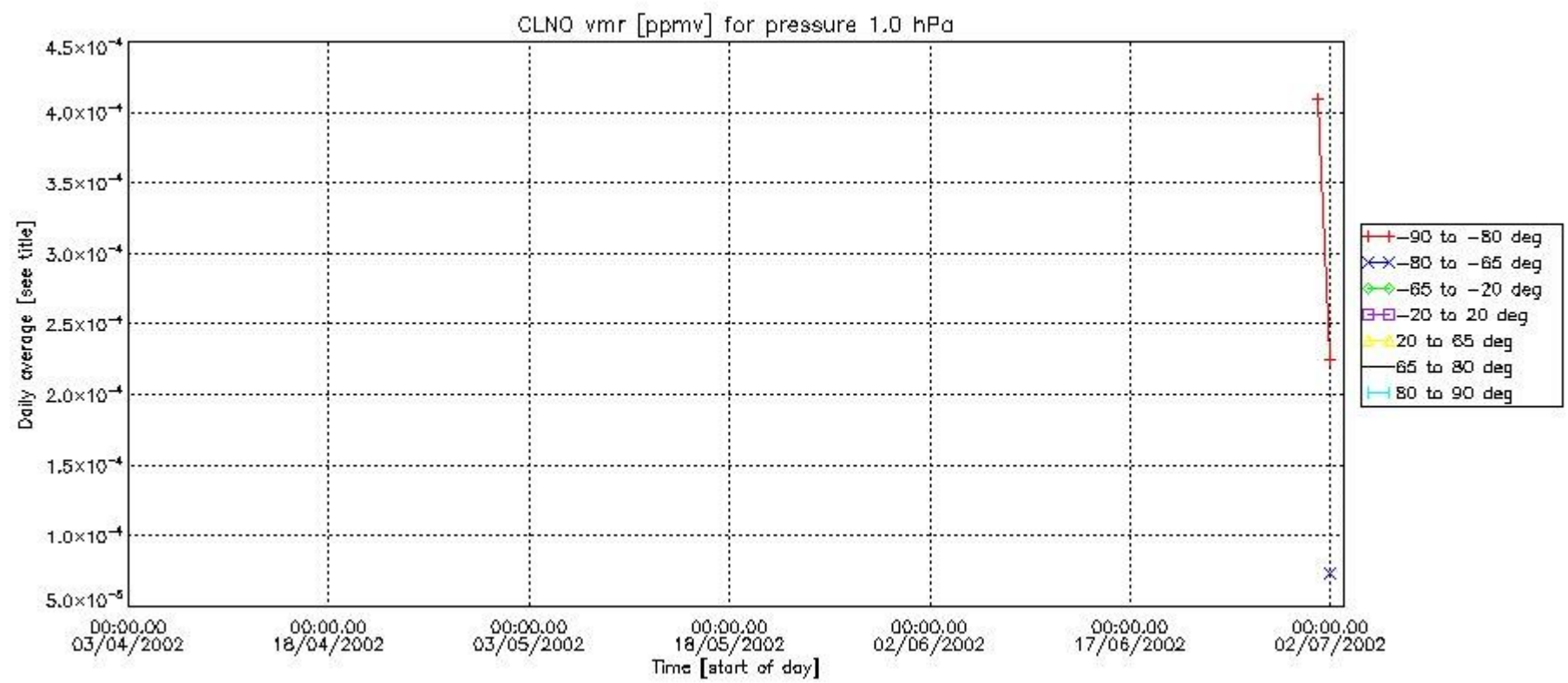
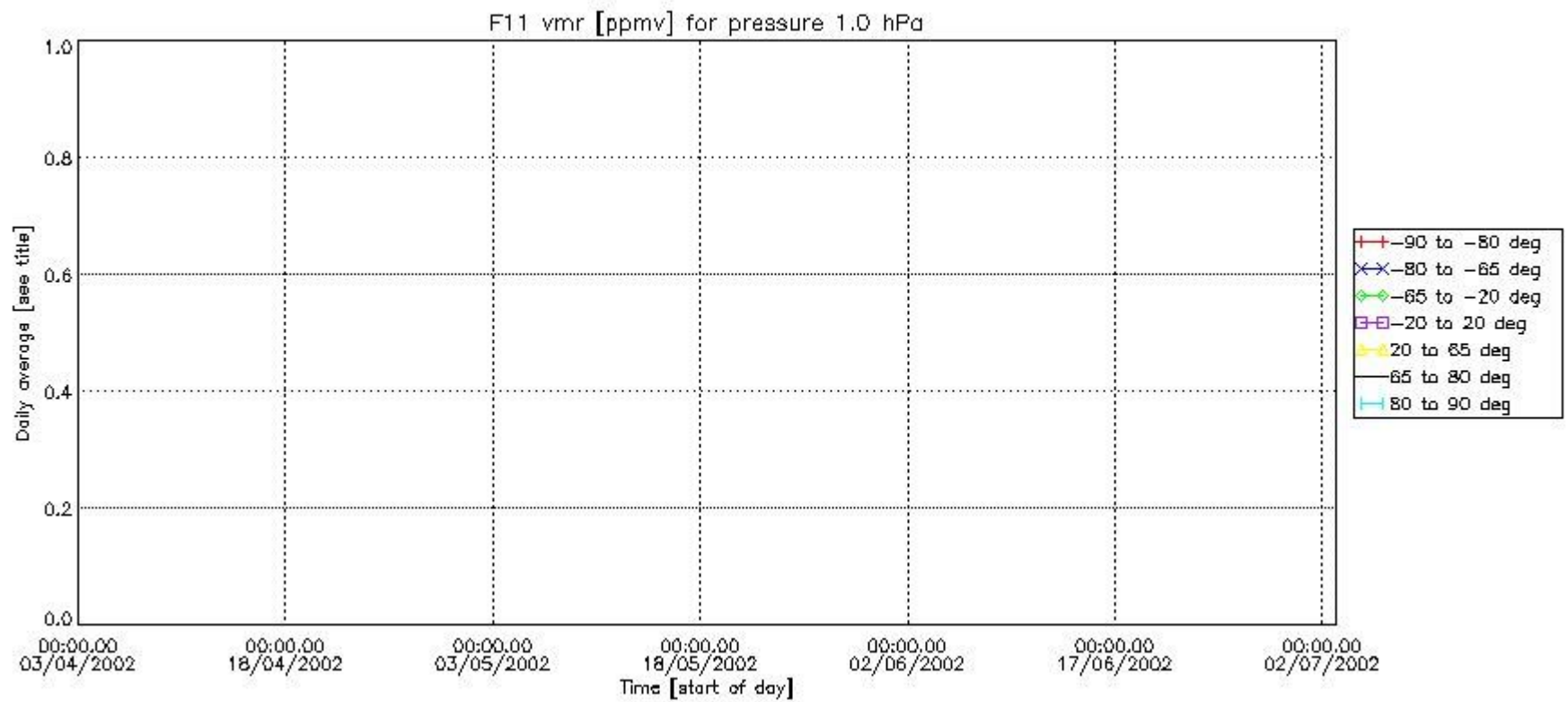


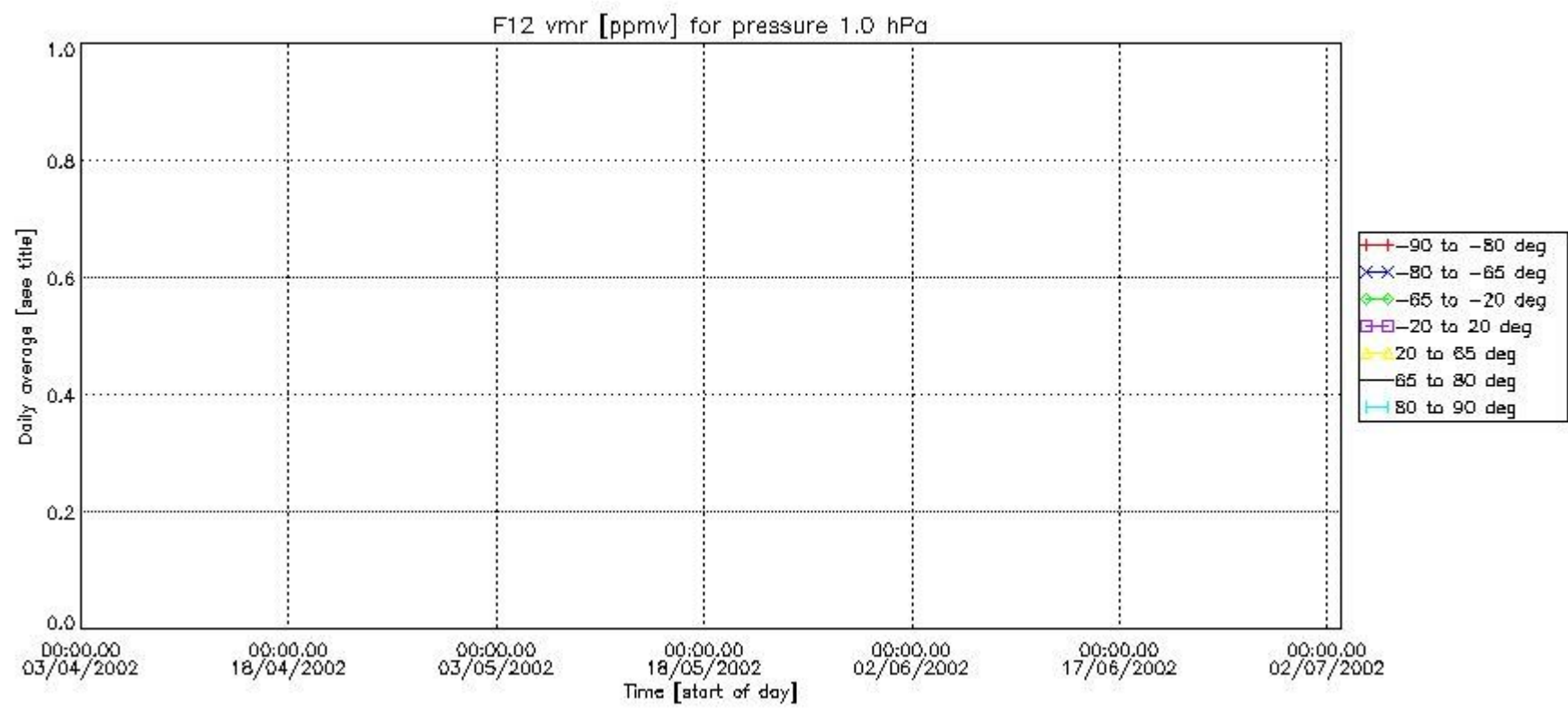
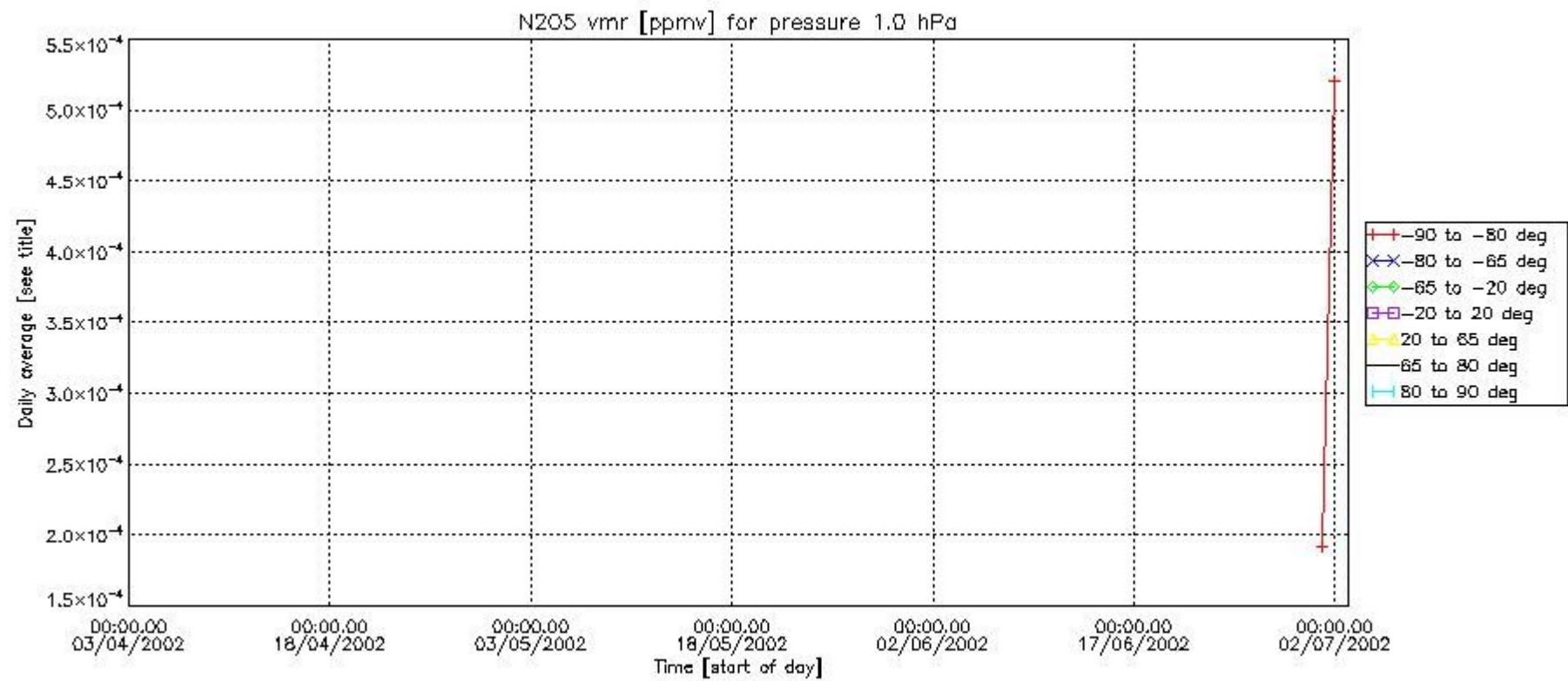


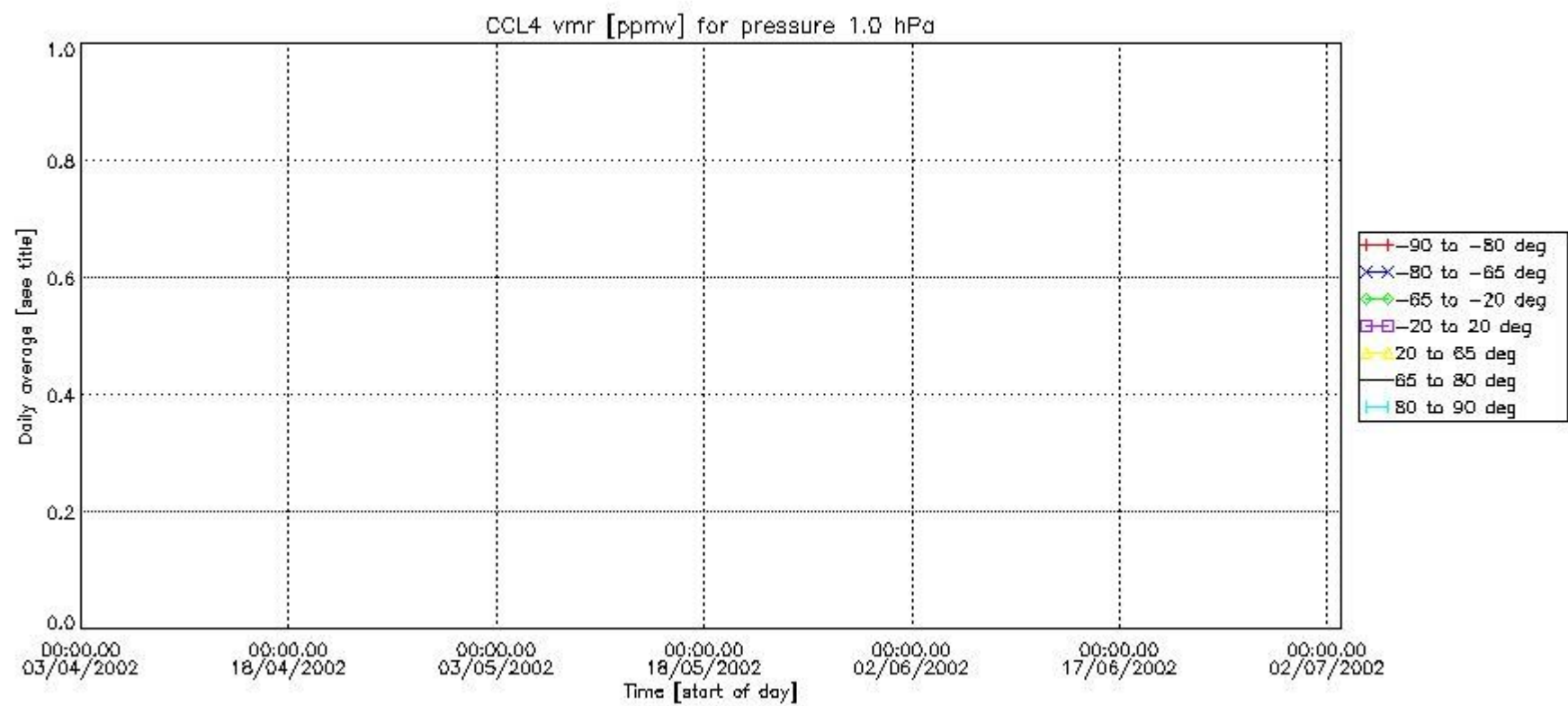
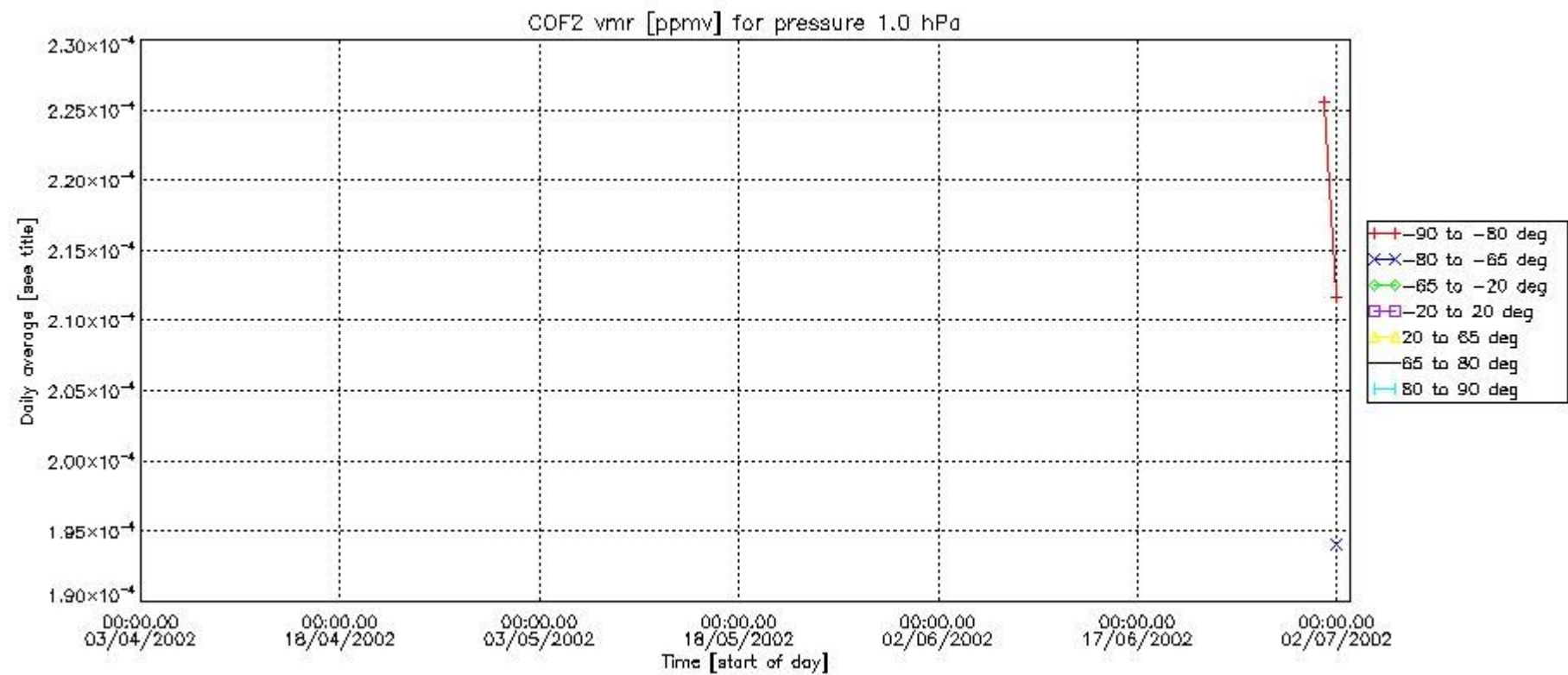


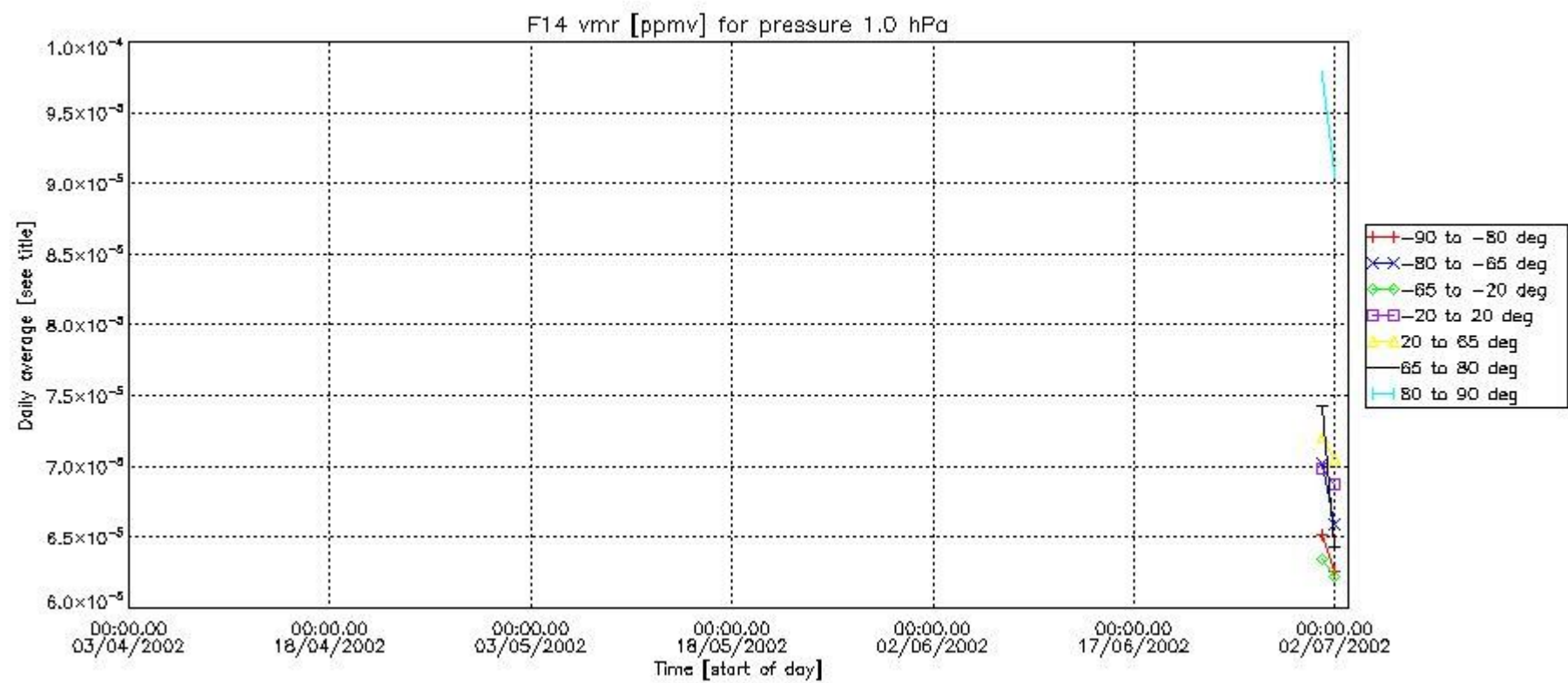
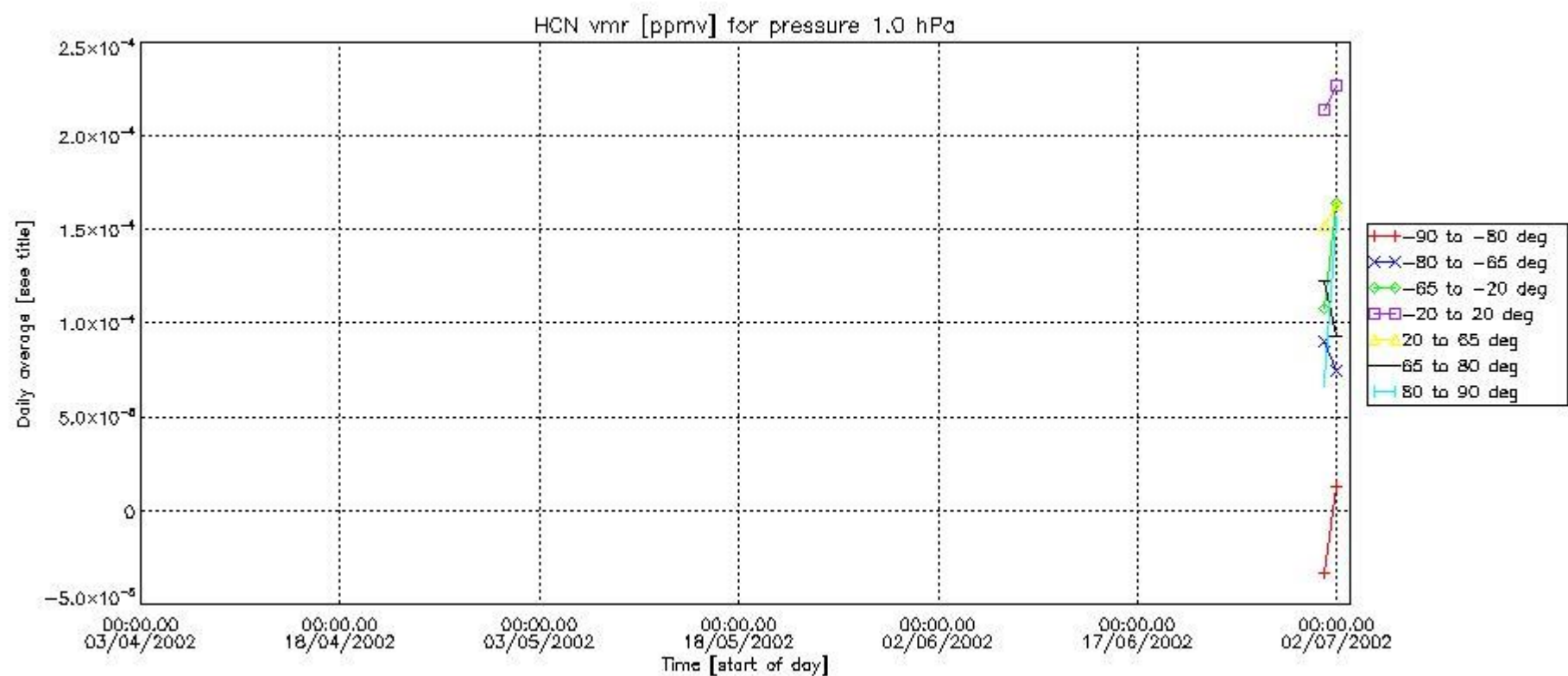


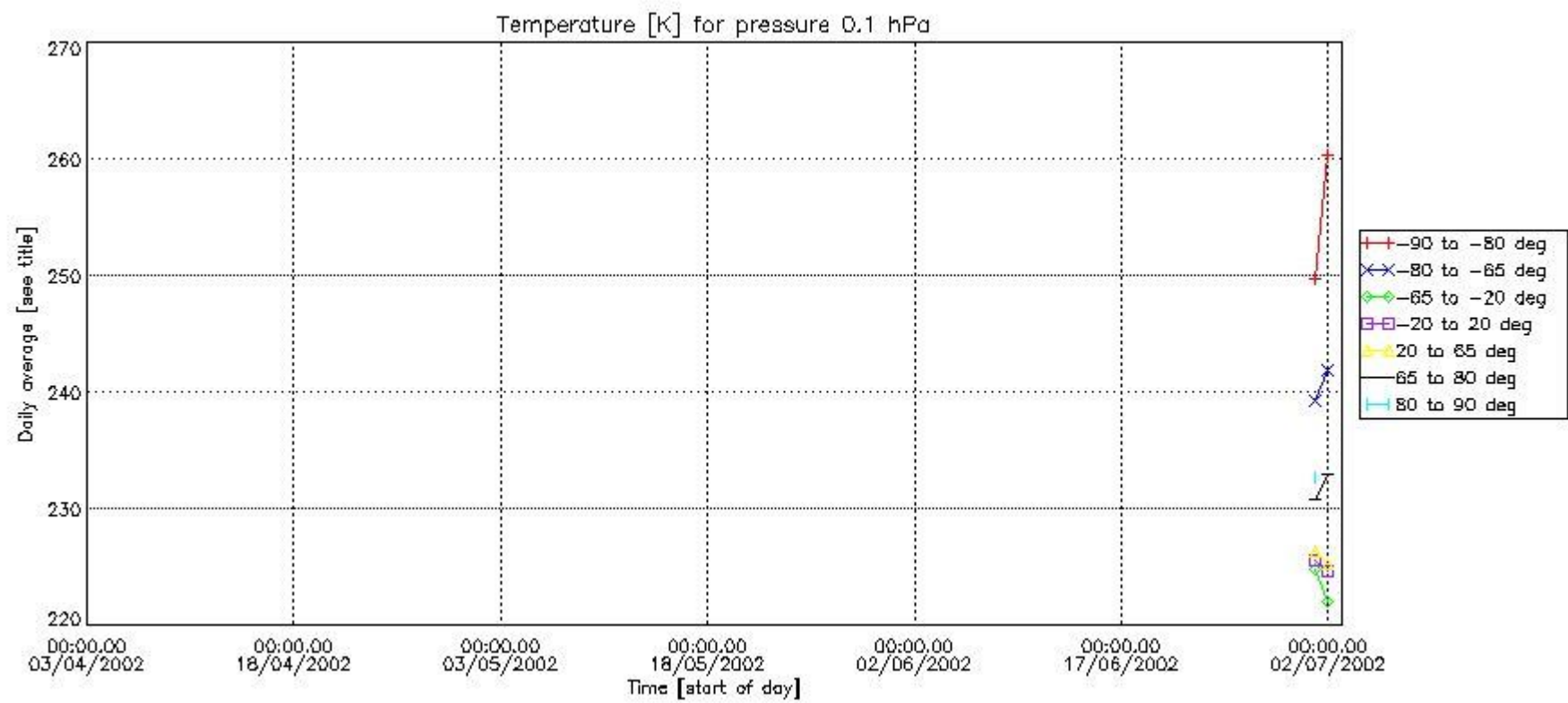
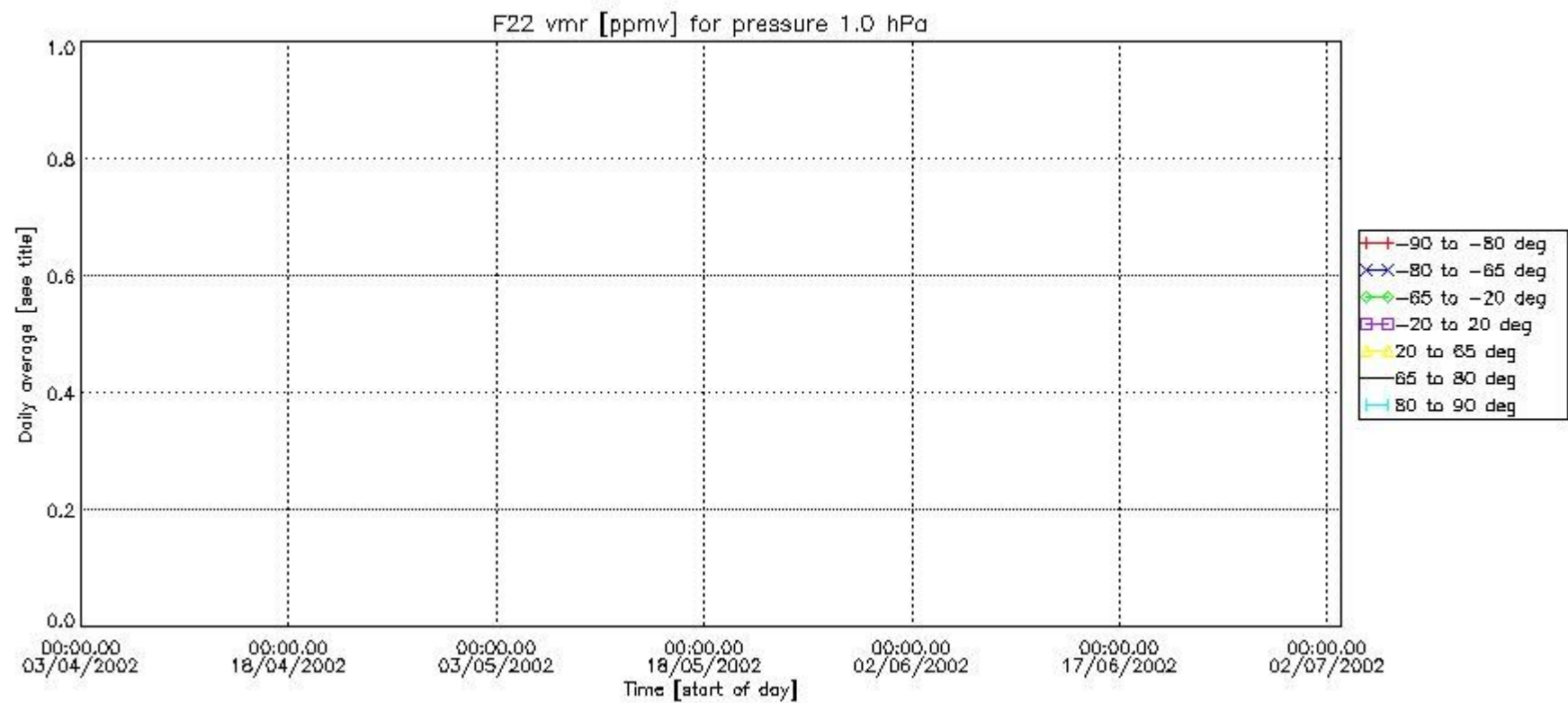


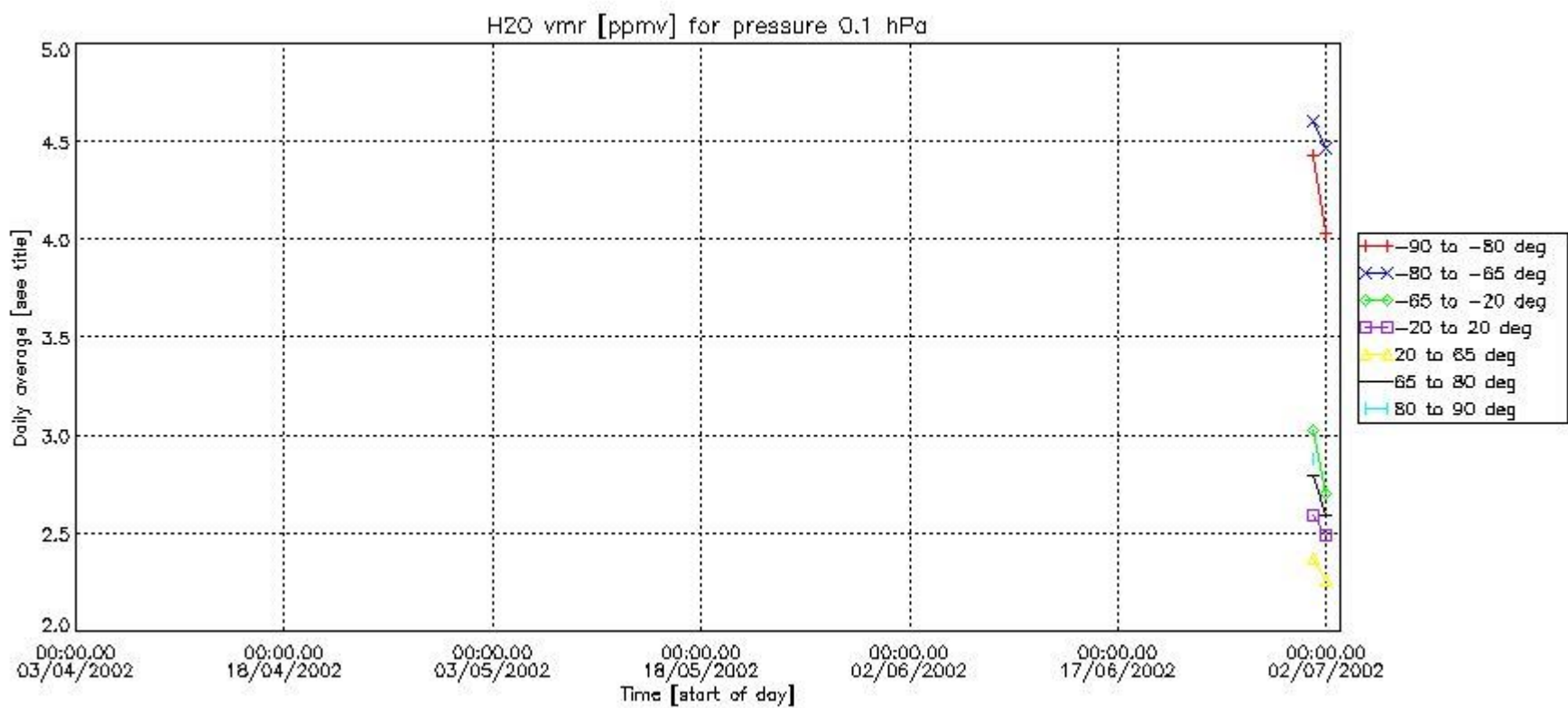
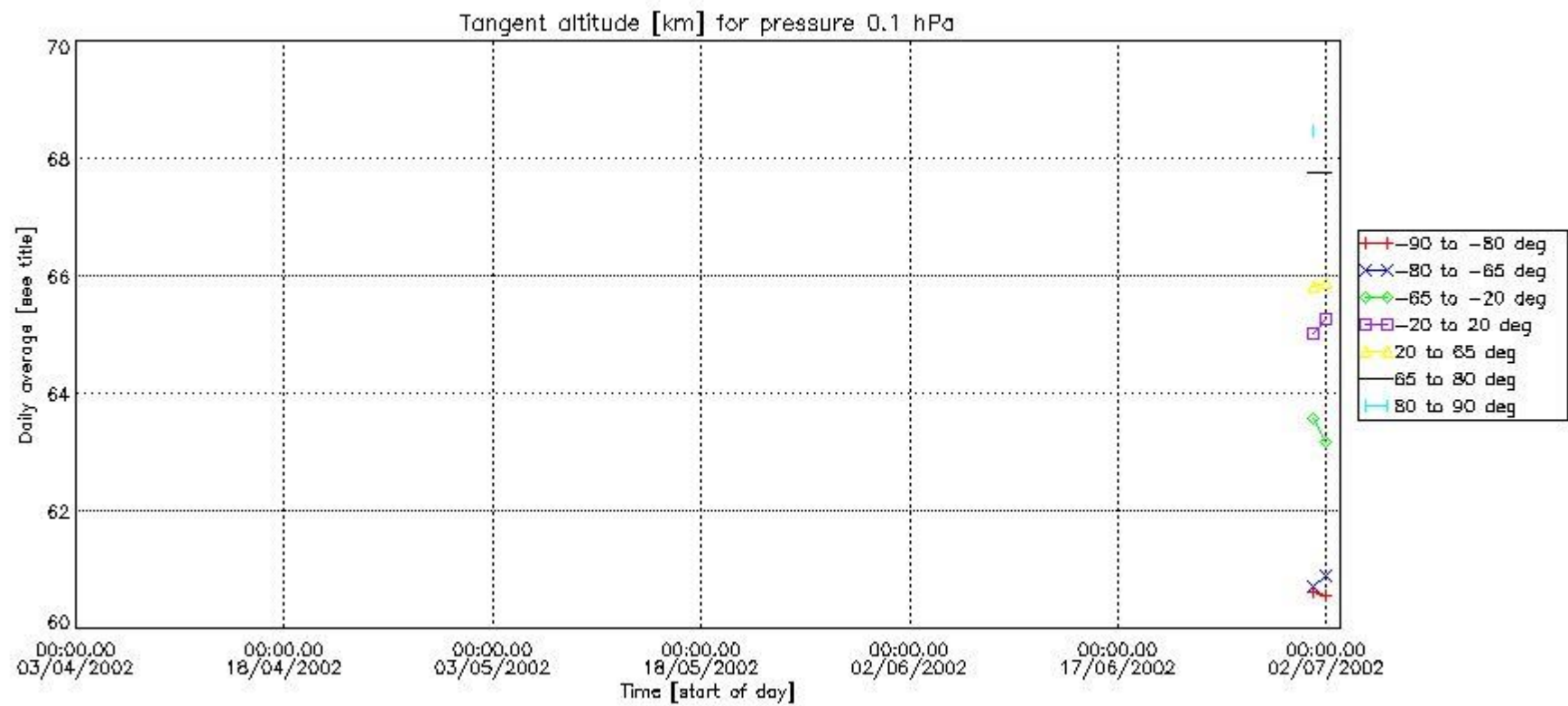


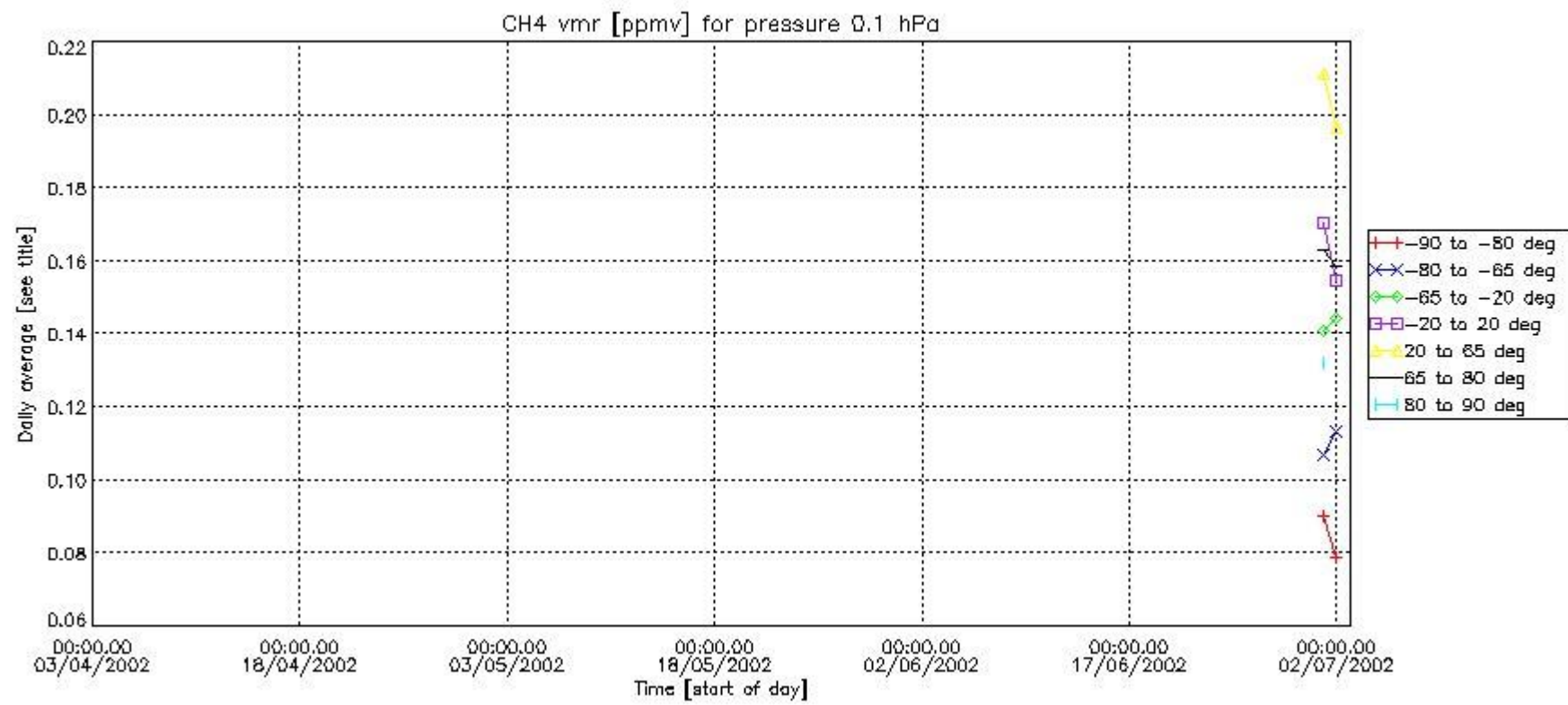
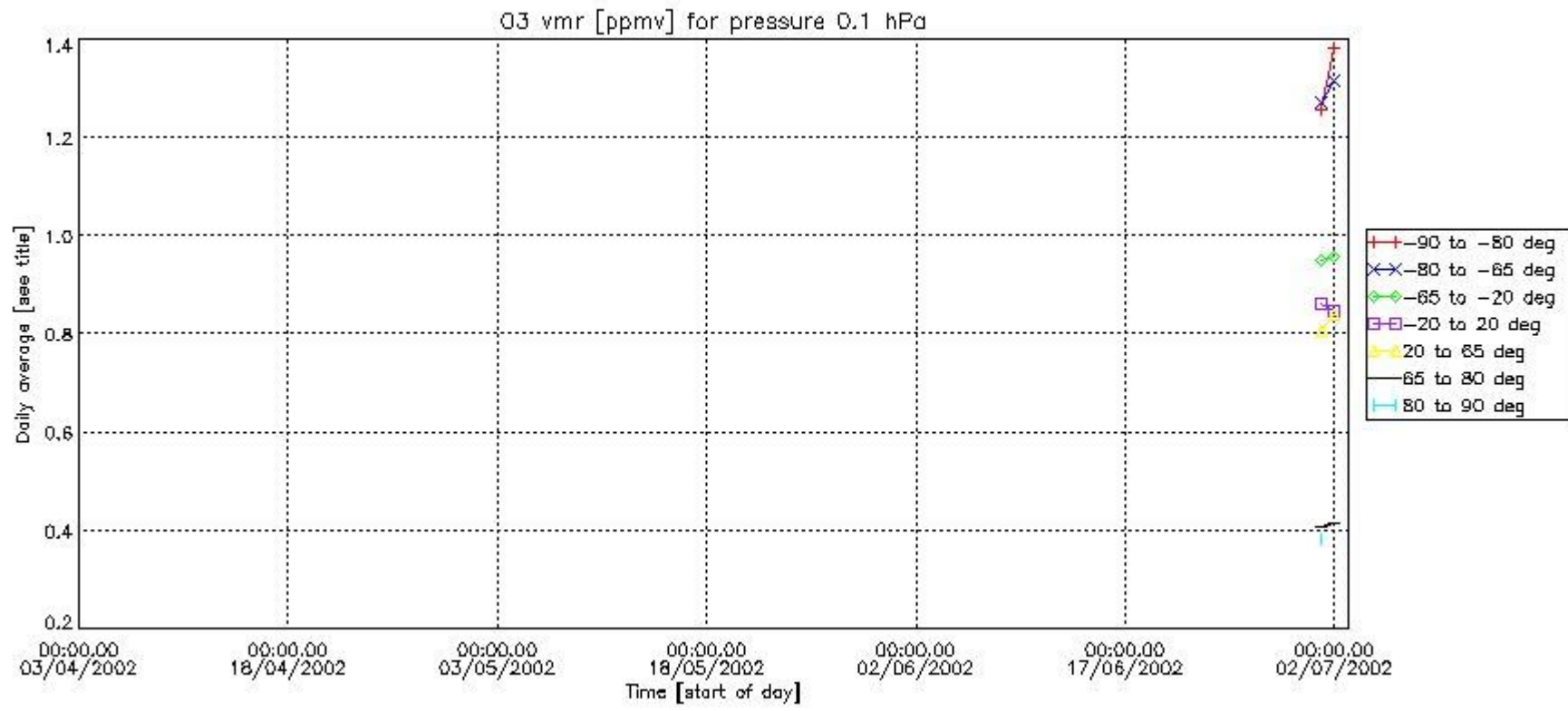


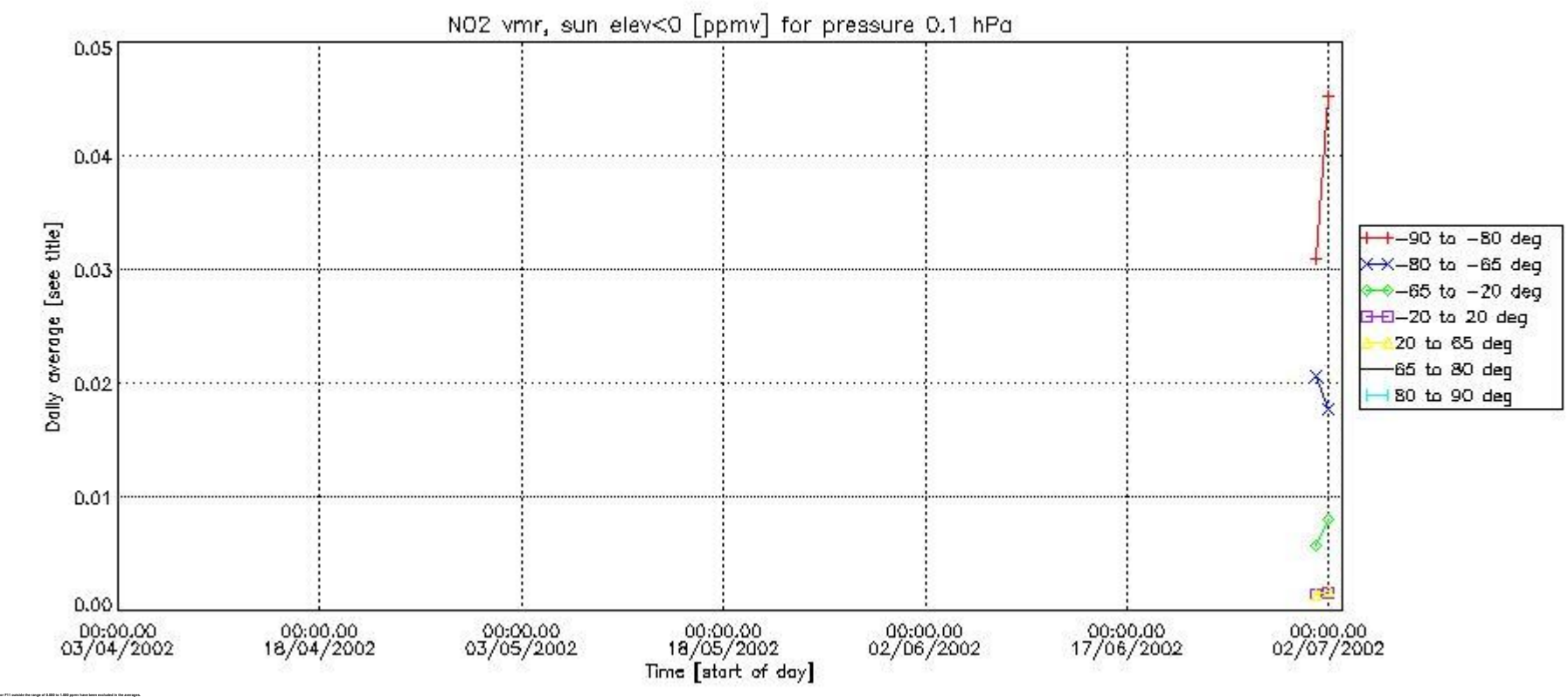
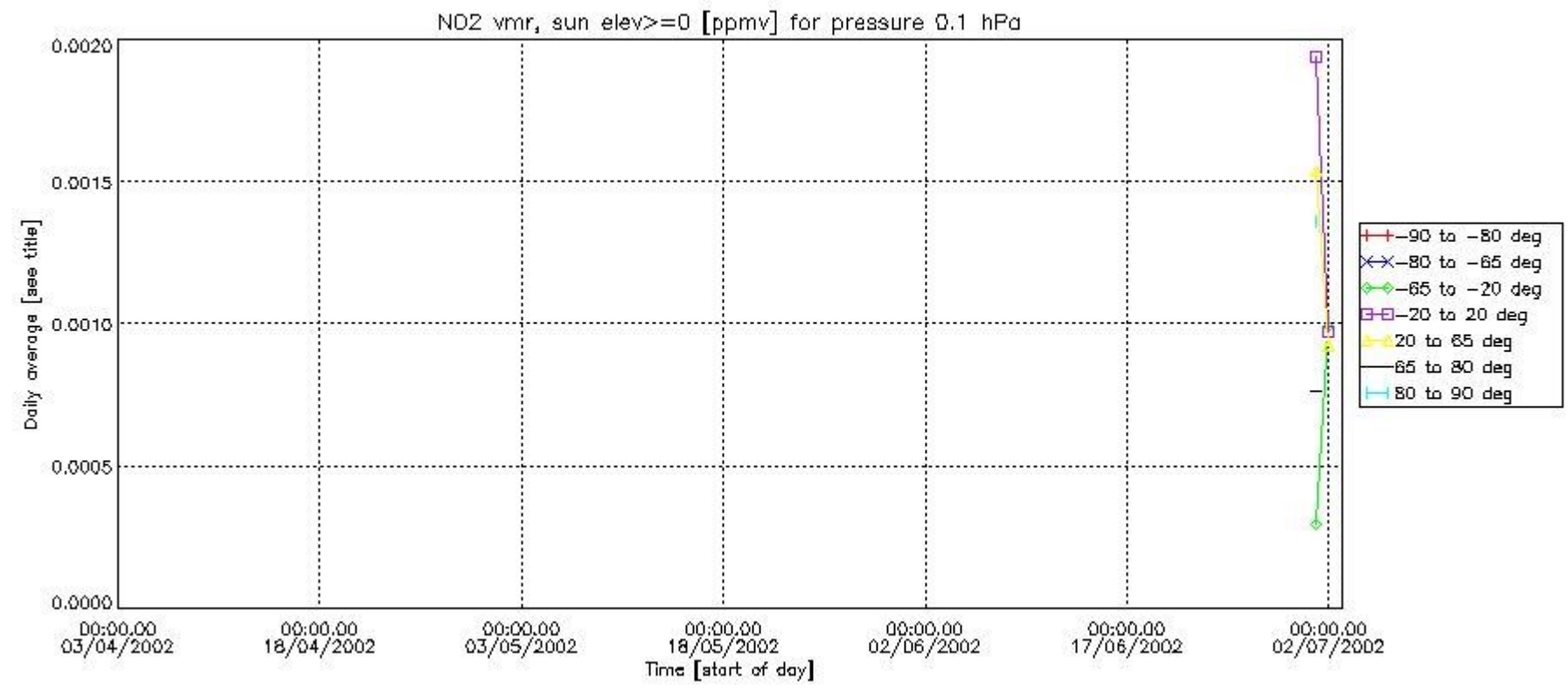


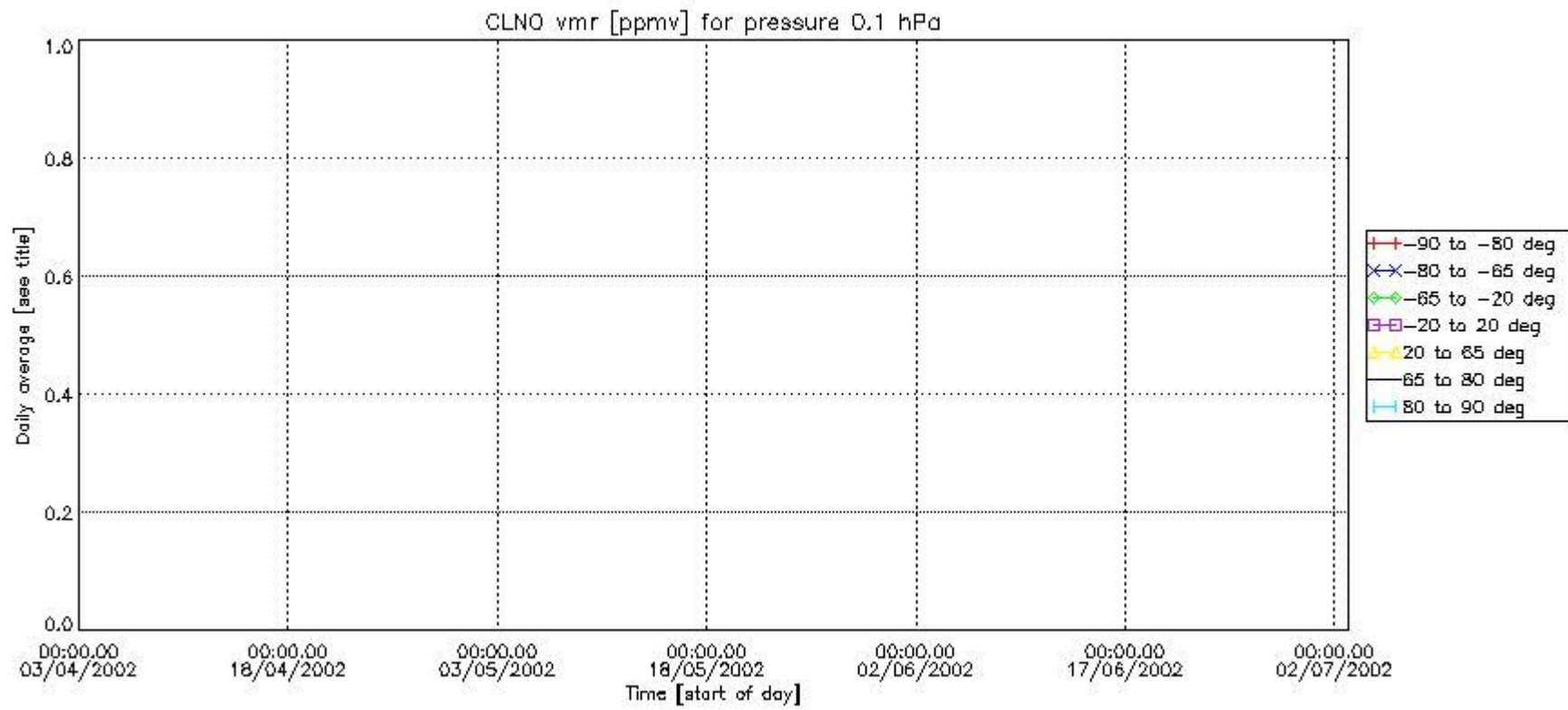
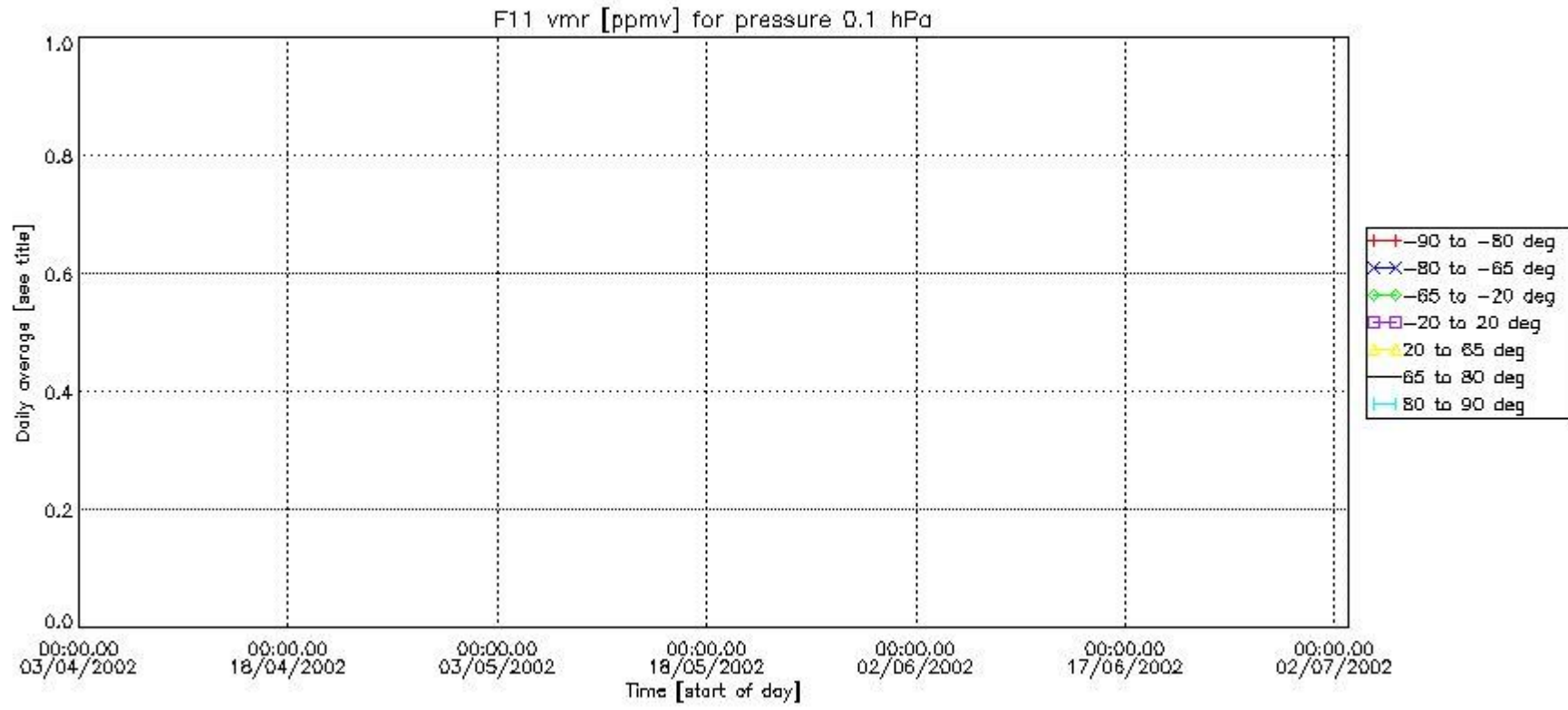


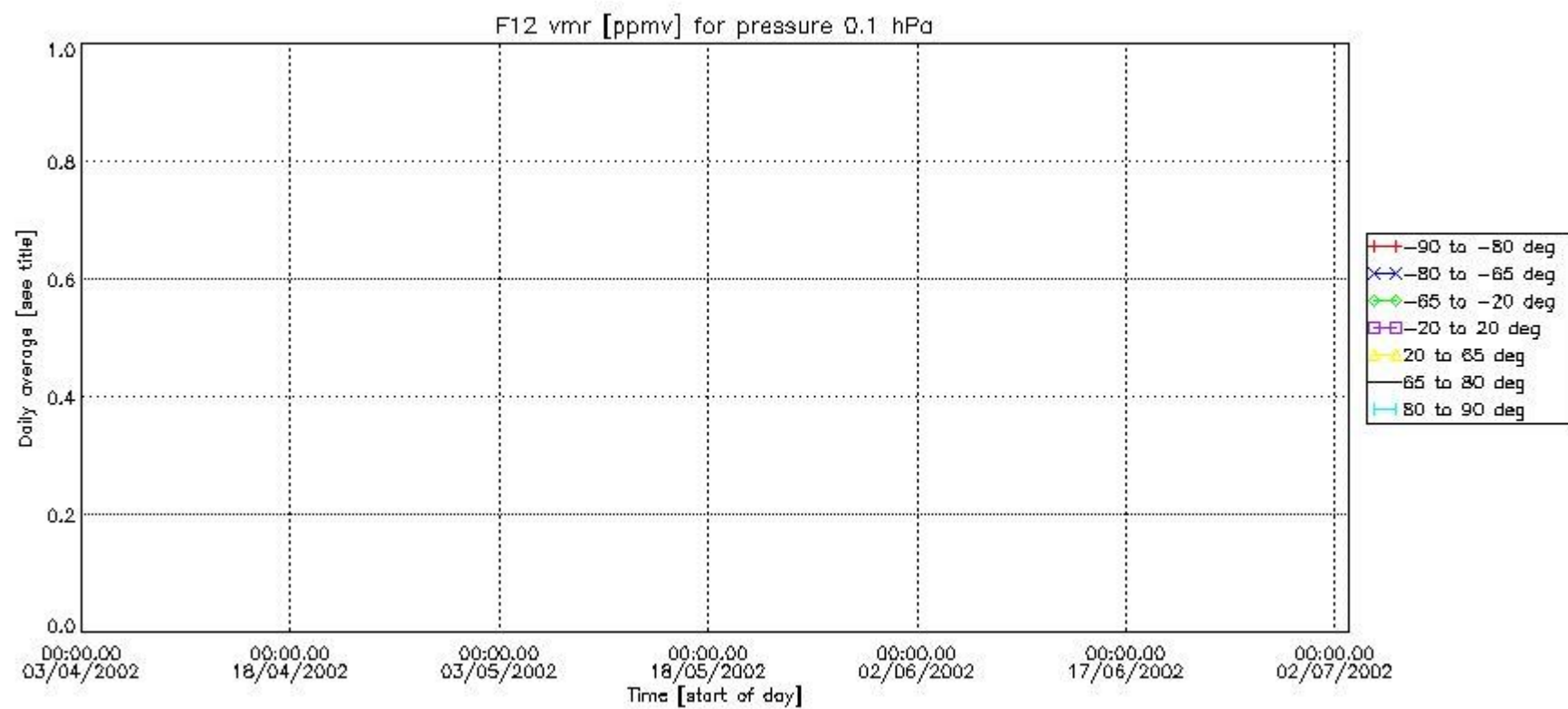
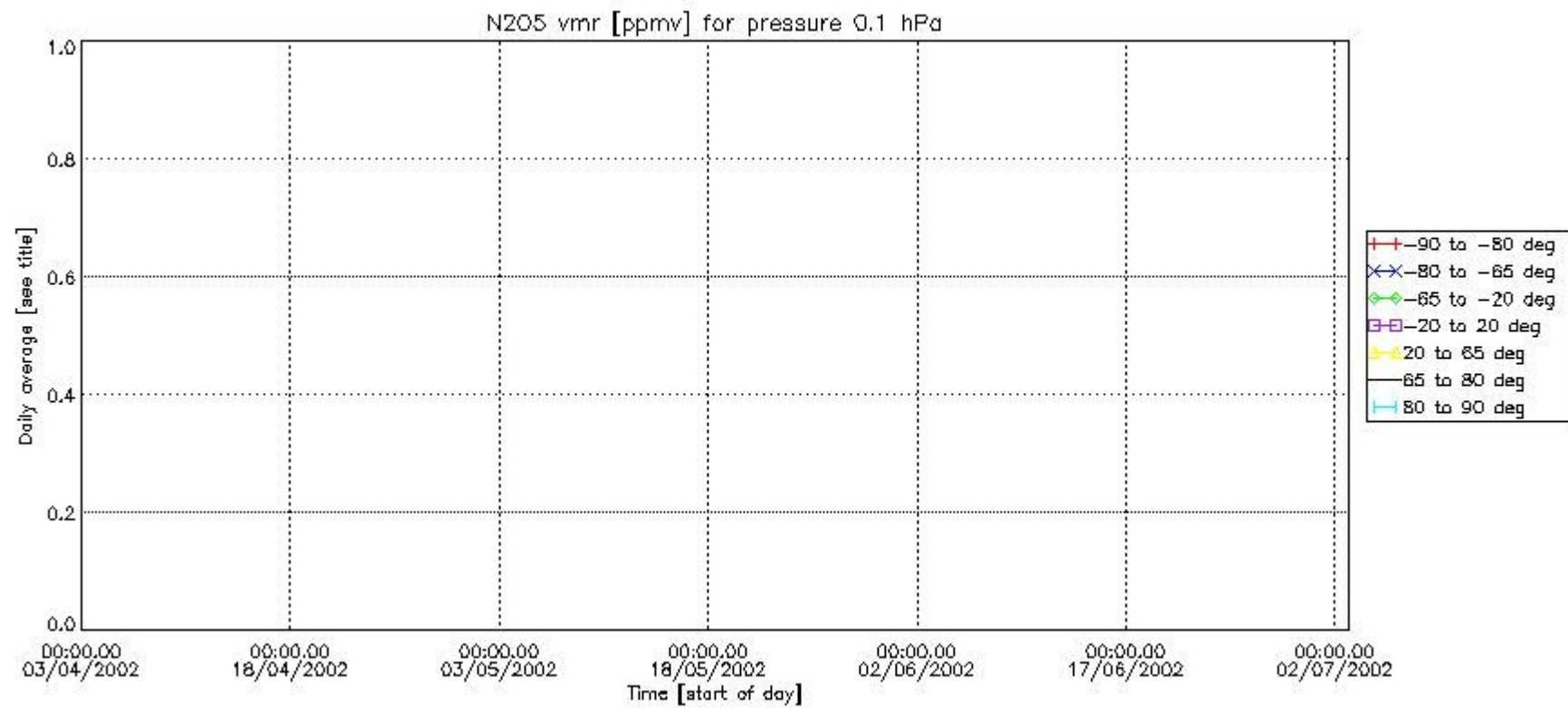


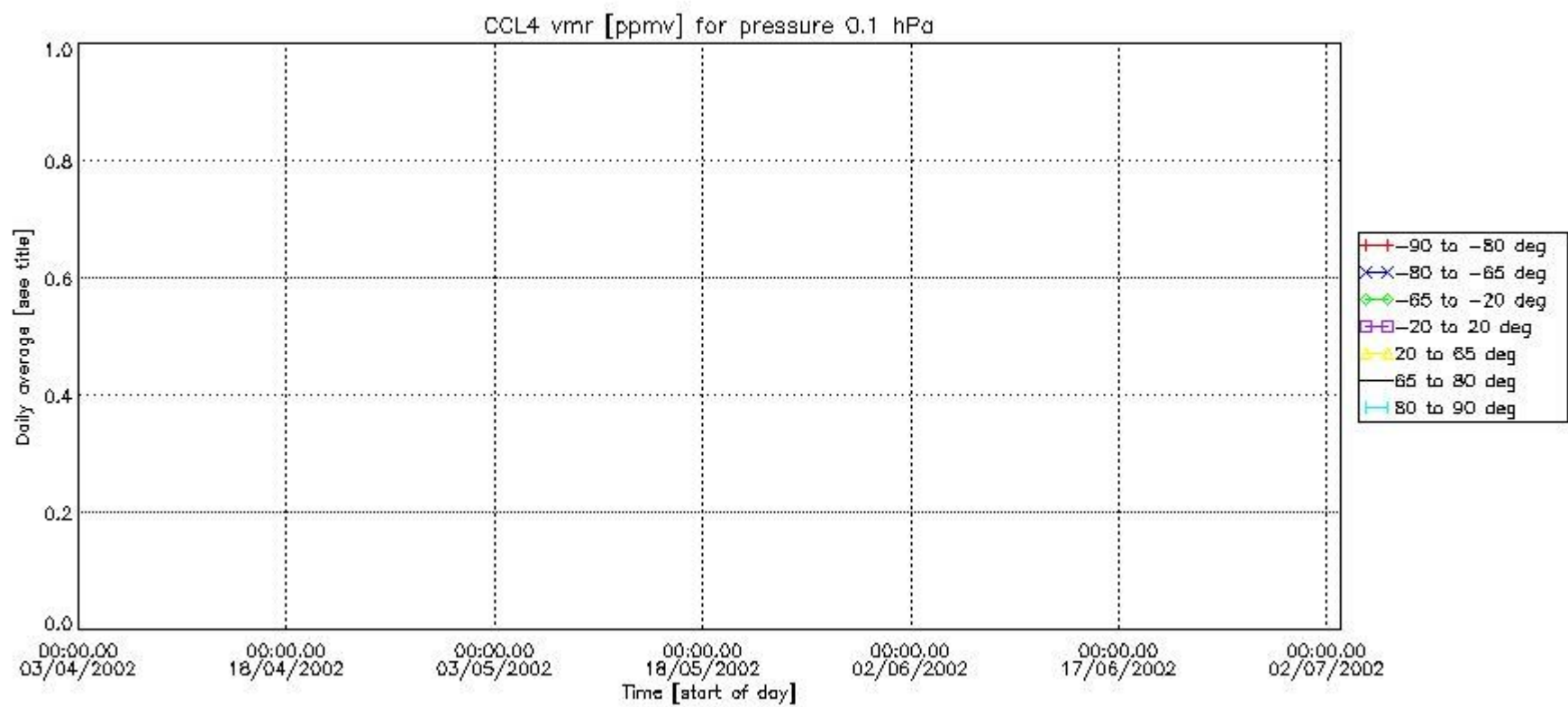
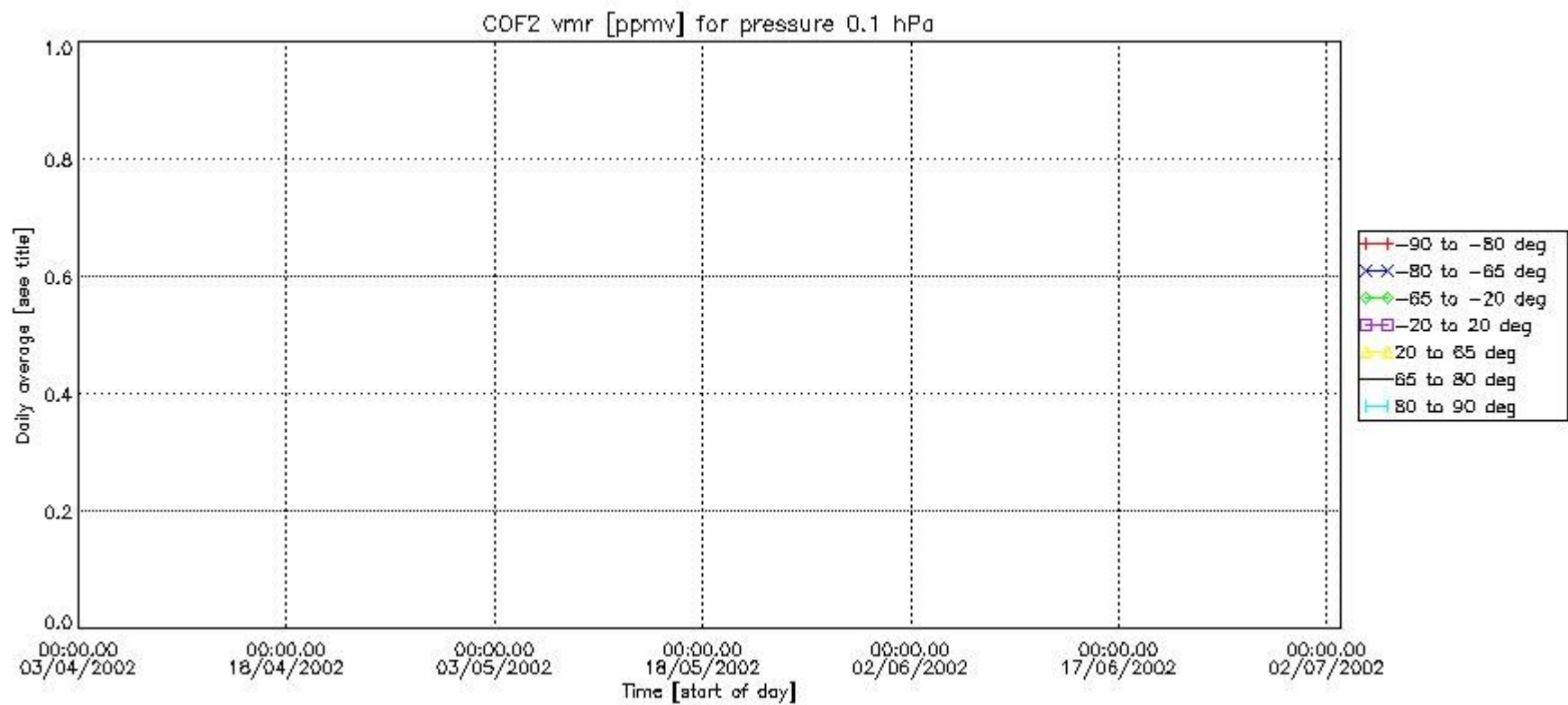


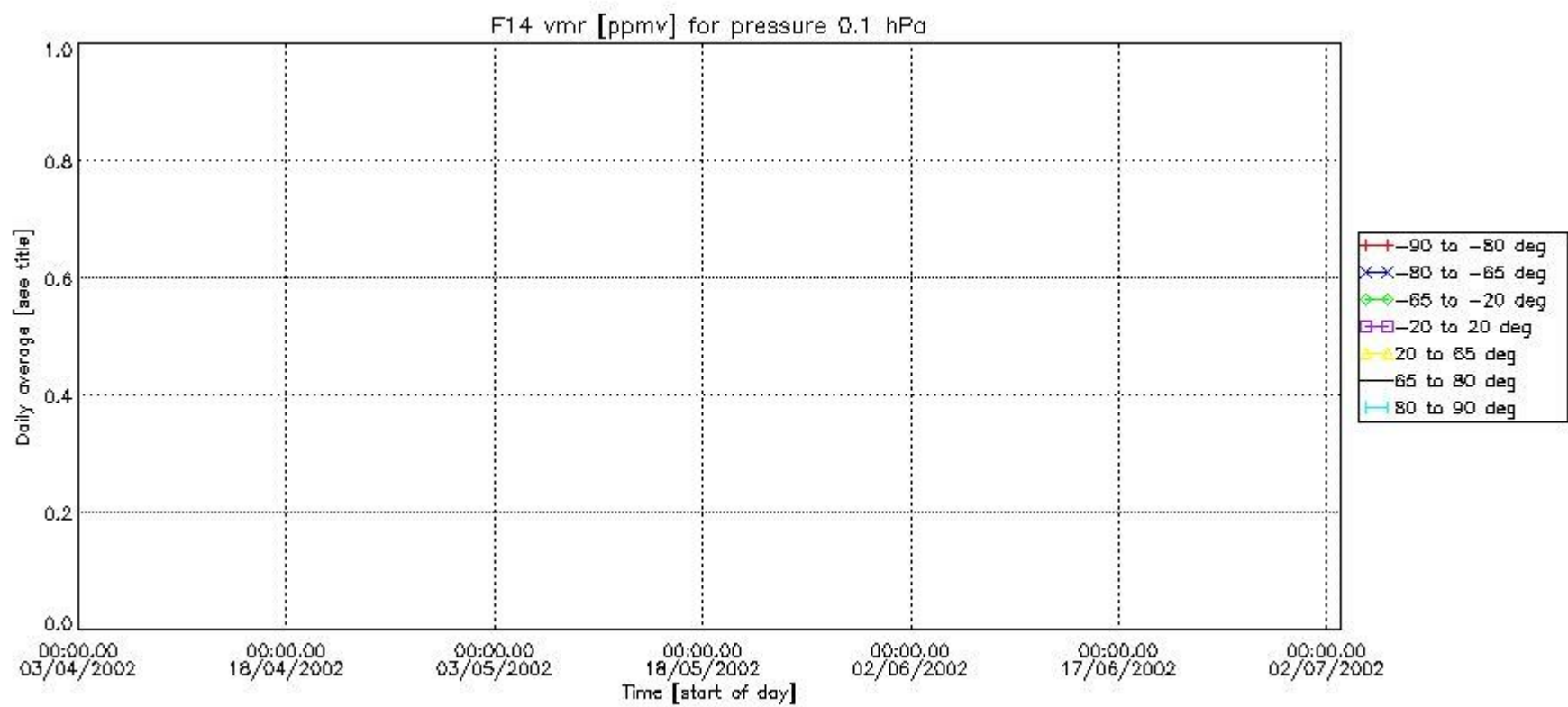
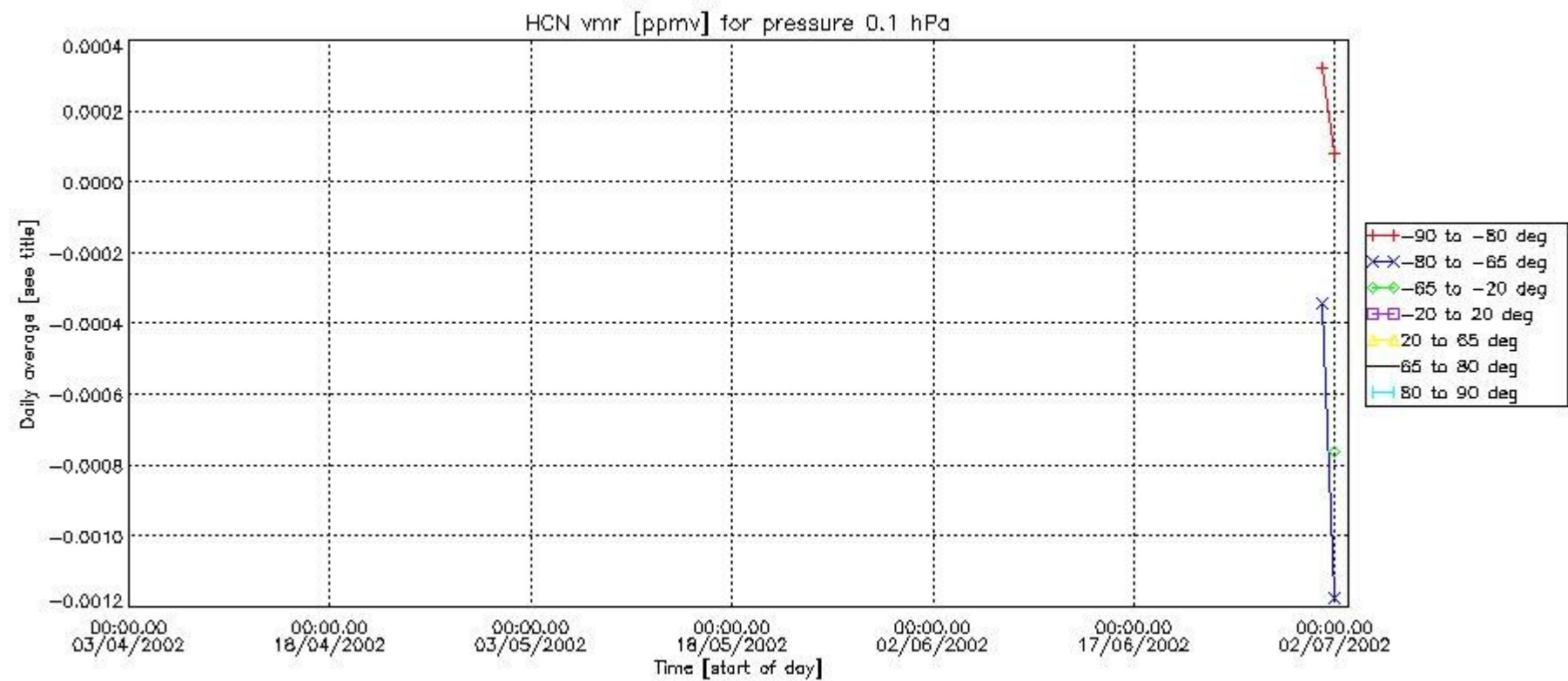


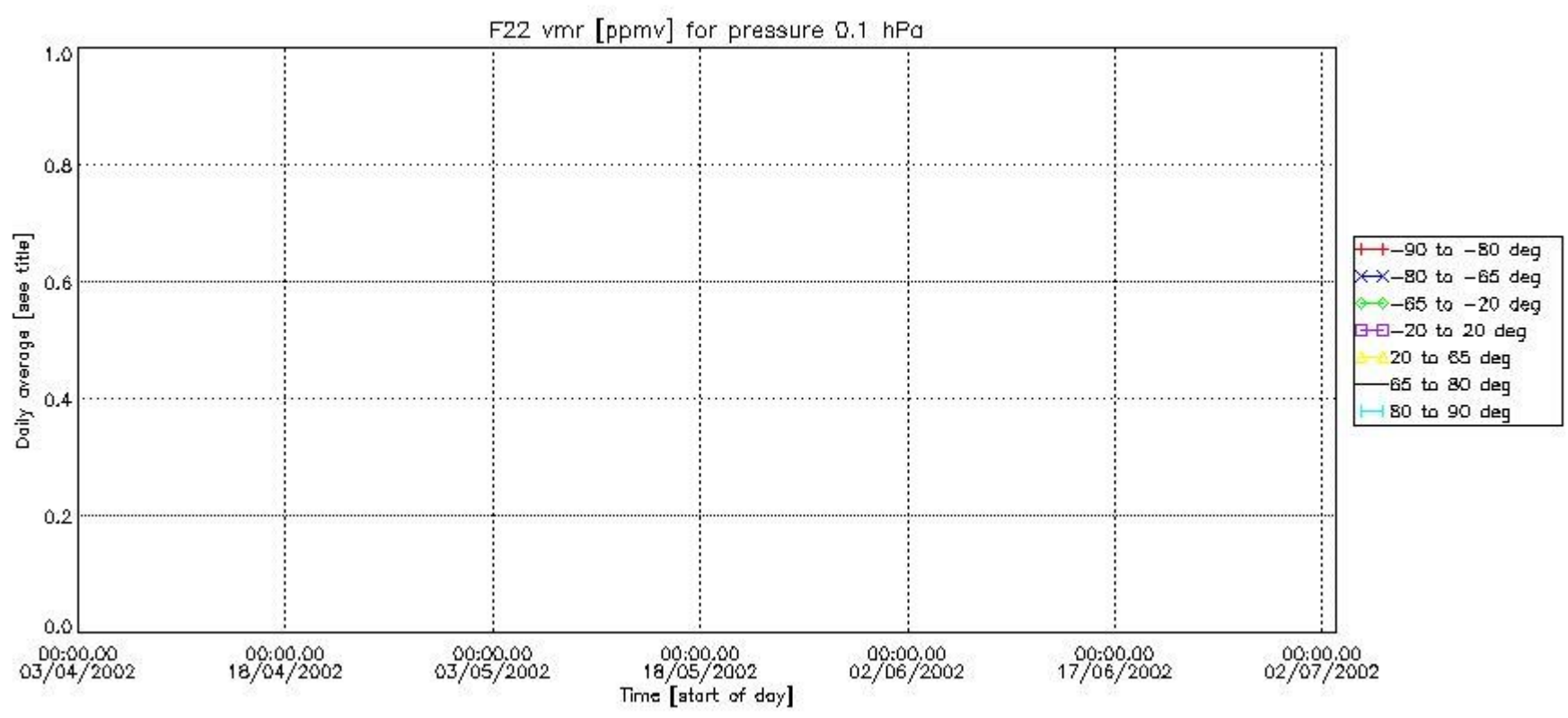












Number of successful retrievals vs. geolocation (*=day side , triangle=night side).

