

## 2. MIPAS Daily Report for level 2 products summary report

(See [mipas\\_daily\\_report\\_level2\\_ML2PP\\_7\\_03\\_W\\_20020701.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 08:30:19
Data source version	ML2PP/7.03-W
Processing scope for products	01JUL2002 00:00:00 to 02JUL2002 00:00:00
Start time of first product within scope	01JUL2002 01:12:56
Stop time of last product within scope	02JUL2002 00:41:20
Total number of level 2 products	10
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_011256_000060402007_00189_01746_1000.N1	01JUL2002 01:12:56	01JUL2002 02:53:36	0	60/59	
1	MIP_NL__2PWDSI20020701_025345_000060252007_00190_01747_1000.N1	01JUL2002 02:53:45	01JUL2002 04:34:11	0	59/59	
2	MIP_NL__2PWDSI20020701_061455_000060152007_00192_01749_1000.N1	01JUL2002 06:14:55	01JUL2002 07:55:10	0	59/59	
3	MIP_NL__2PWDSI20020701_075520_000060252007_00193_01750_1000.N1	01JUL2002 07:55:20	01JUL2002 09:35:45	0	59/59	
4	MIP_NL__2PWDSI20020701_093555_000060152007_00194_01751_1000.N1	01JUL2002 09:35:55	01JUL2002 11:16:10	0	59/59	
5	MIP_NL__2PWDSI20020701_111630_000054282007_00195_01752_1000.N1	01JUL2002 11:16:30	01JUL2002 12:46:58	0	54/53	
6	MIP_NL__2PWDSI20020701_130508_00009002007_00196_01753_1000.N1	01JUL2002 13:05:08	01JUL2002 13:20:08	0	9/9	
7	MIP_NL__2PWDSI20020701_143808_000059652007_00197_01754_1000.N1	01JUL2002 14:38:08	01JUL2002 16:17:33	0	72/72	
8	MIP_NL__2PWDSI20020701_161743_000060462007_00198_01755_1000.N1	01JUL2002 16:17:43	01JUL2002 17:58:29	0	73/73	VMR_TERM_MACRO_MICRO[03/micro:1]
9	MIP_NL__2PWDSI20020701_230034_000060462007_00202_01759_1000.N1	01JUL2002 23:00:34	02JUL2002 00:41:20	0	73/73	

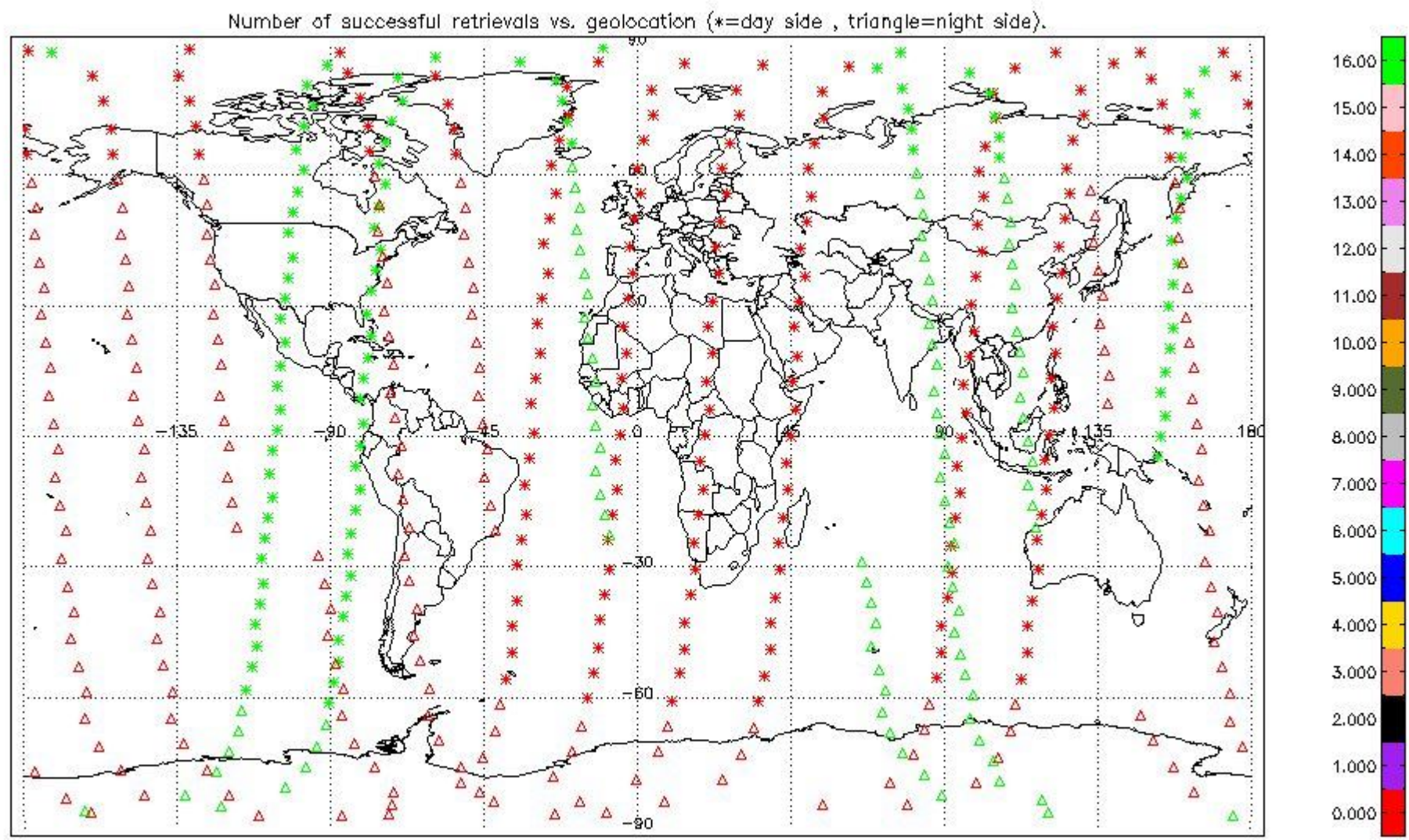
## 2.2 Processing performance indicators

### 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	%
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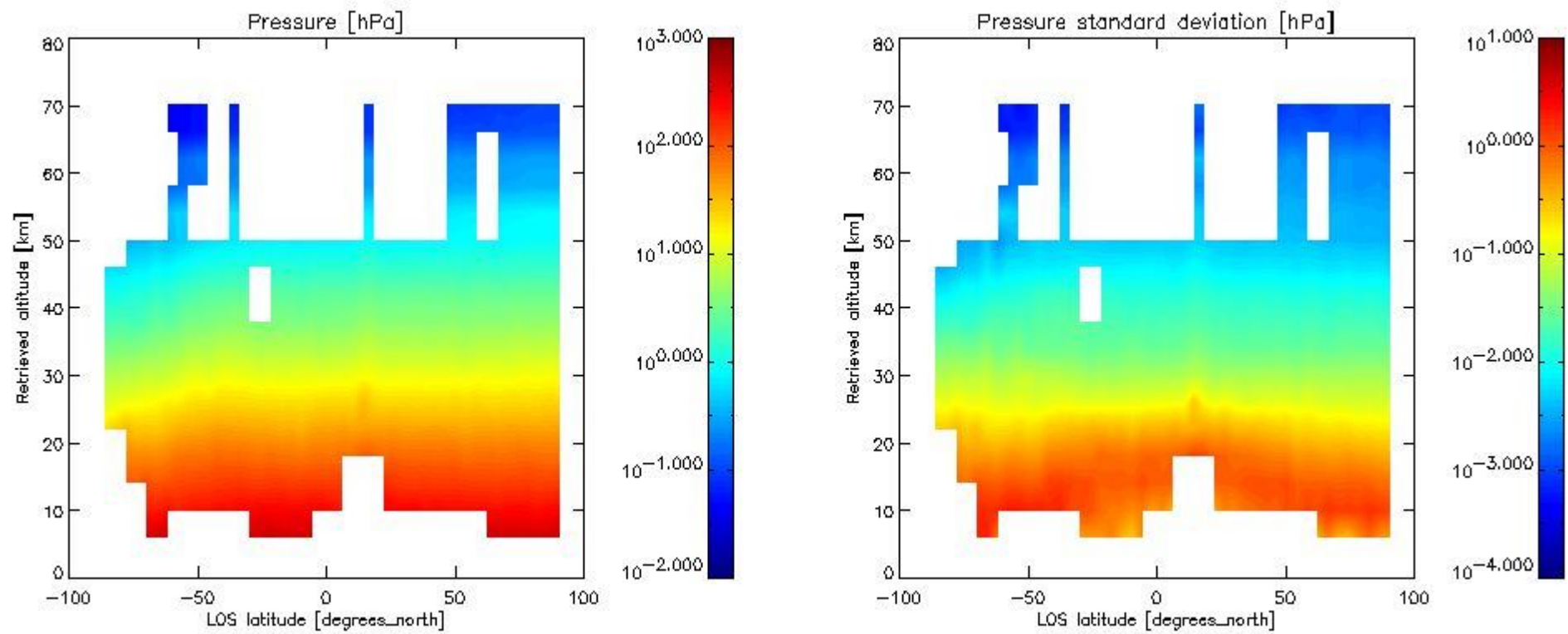
PT	575	188	32.696
H2O	575	188	32.696
O3	575	188	32.696
HNO3	575	188	32.696
CH4	575	188	32.696
N2O	575	188	32.696
NO2	575	188	32.696
F11	575	188	32.696
CLNO	575	188	32.696
N2O5	575	188	32.696
F12	575	188	32.696
COF2	575	188	32.696
CCL4	575	188	32.696
HCN	575	188	32.696
F14	575	188	32.696
F22	575	188	32.696



## 2.2.2 Pressure overview

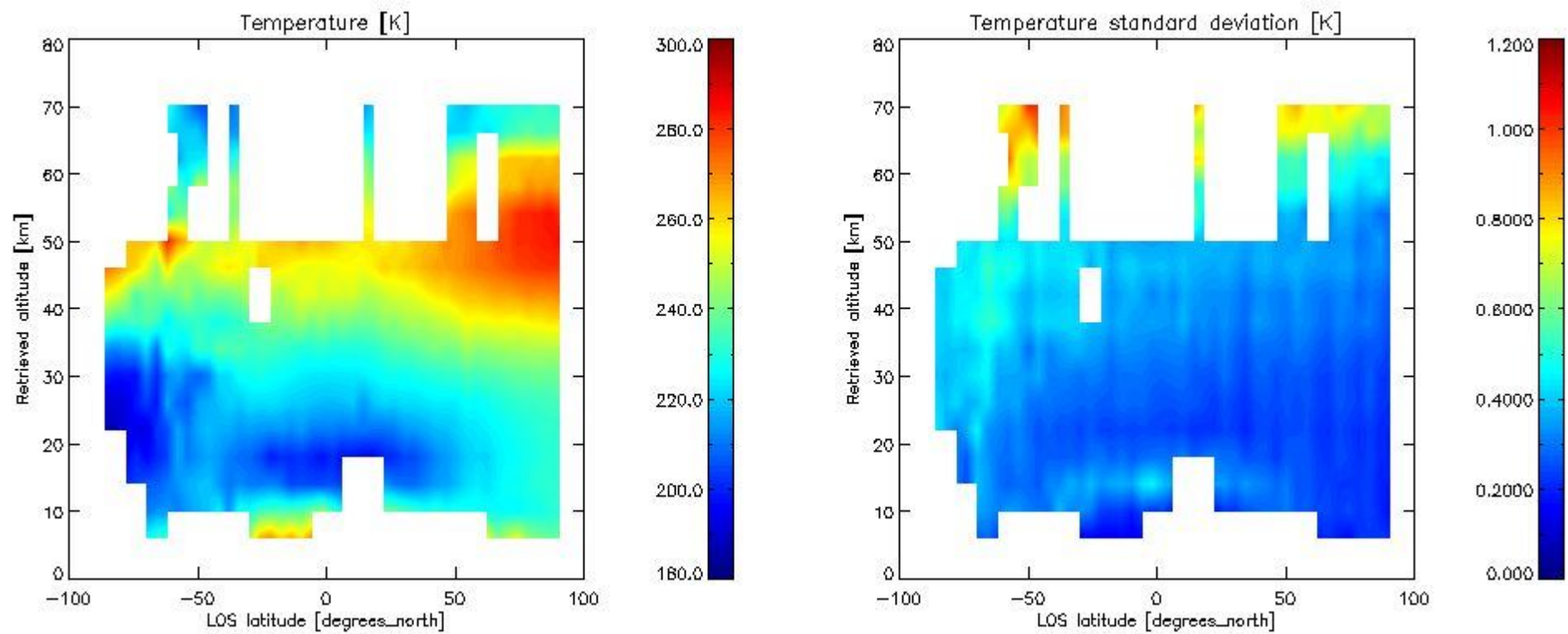
This section shows values (left) and error (right) for pressure after binning individual sweep values over retrieved altitude and tangent latitude.





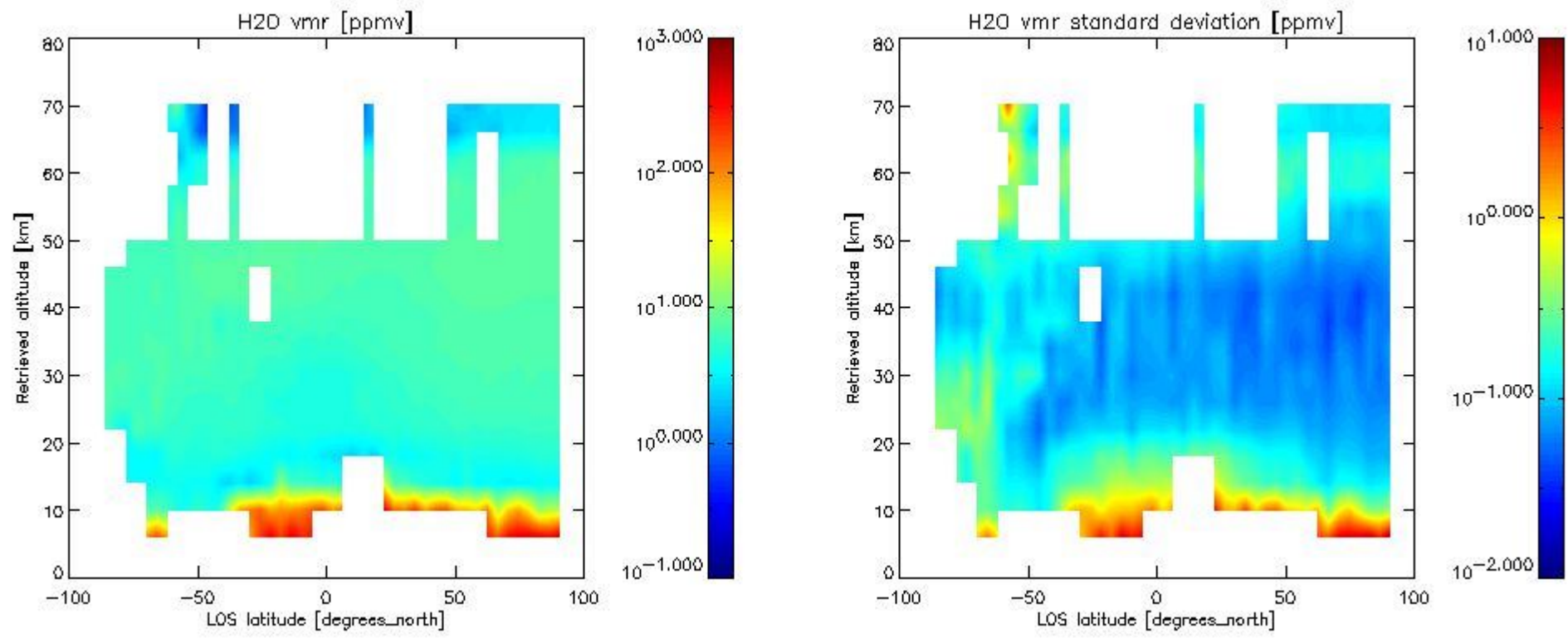
### 2.2.3 Temperature overview

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

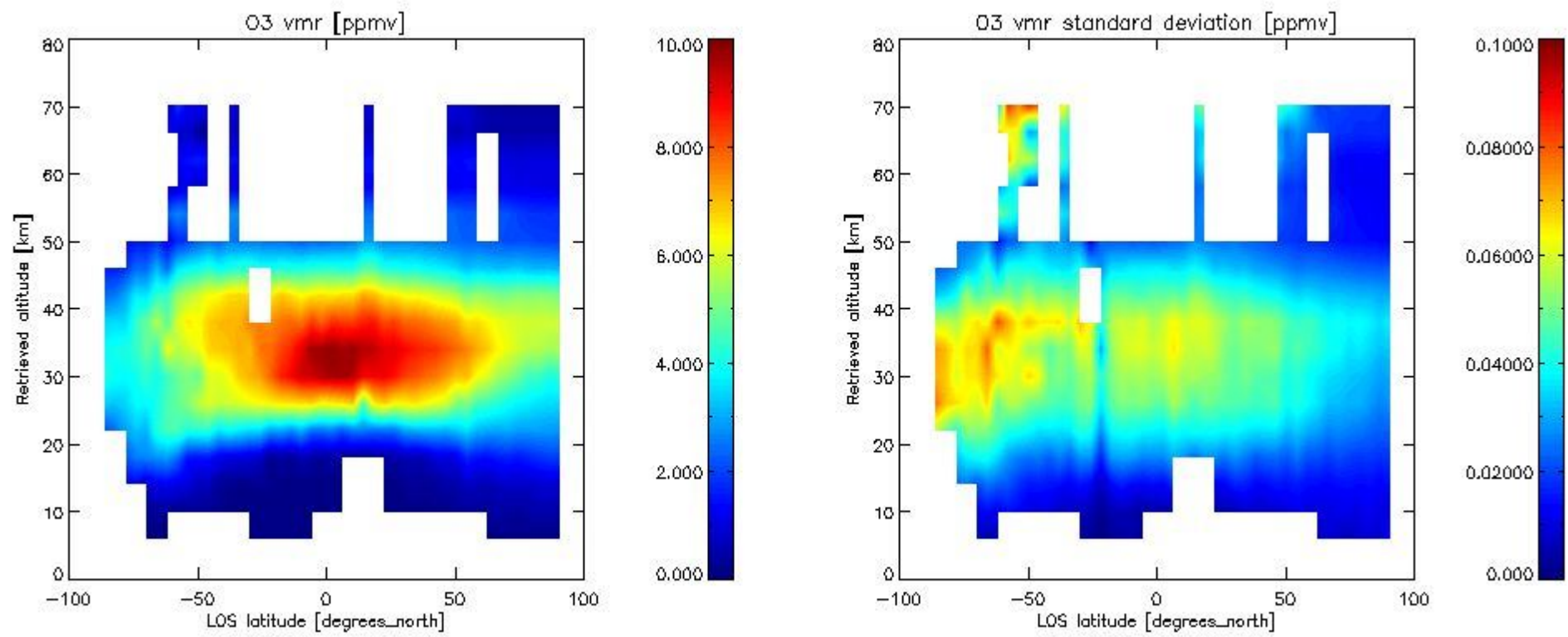


### 2.2.4 Species overview

**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.

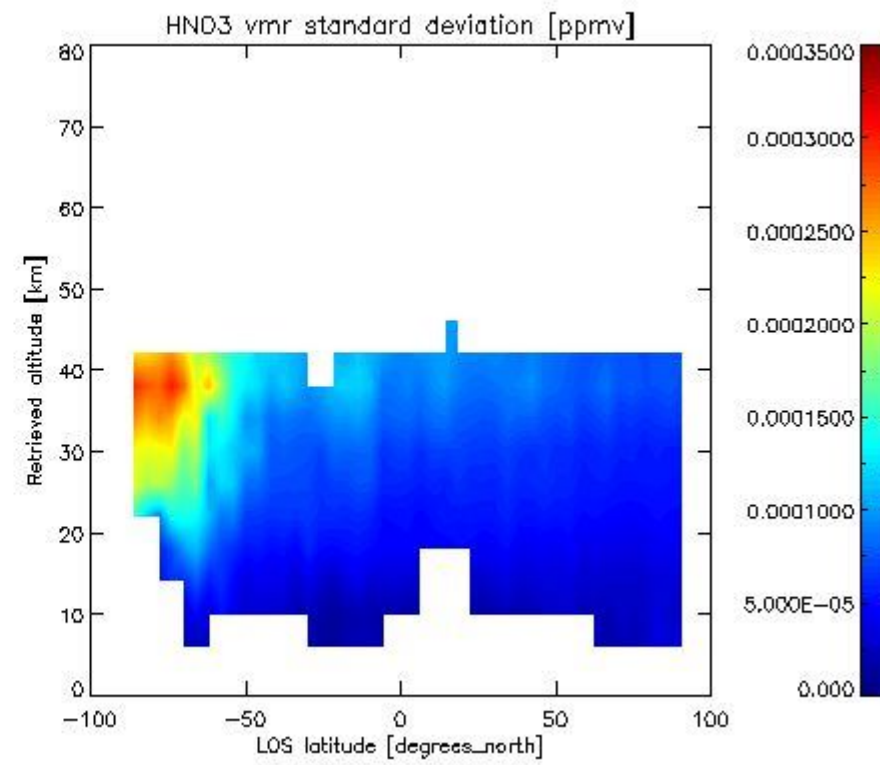
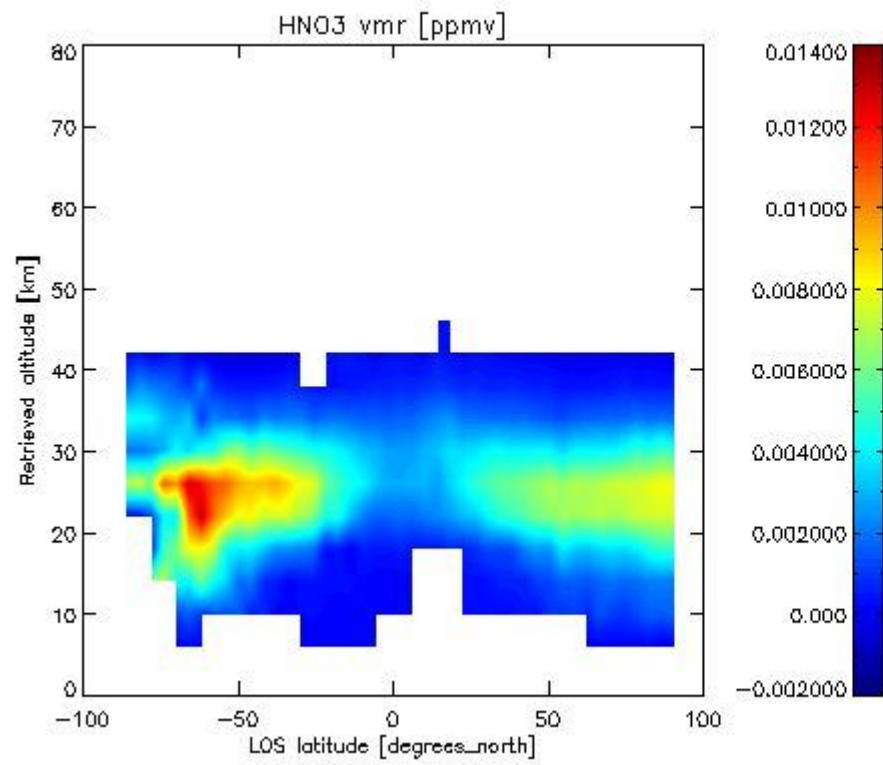


2.2.4.2 O3 overview This section shows values (left) and error (right) for O3 after binning individual sweep values over retrieved altitude and tangent latitude.

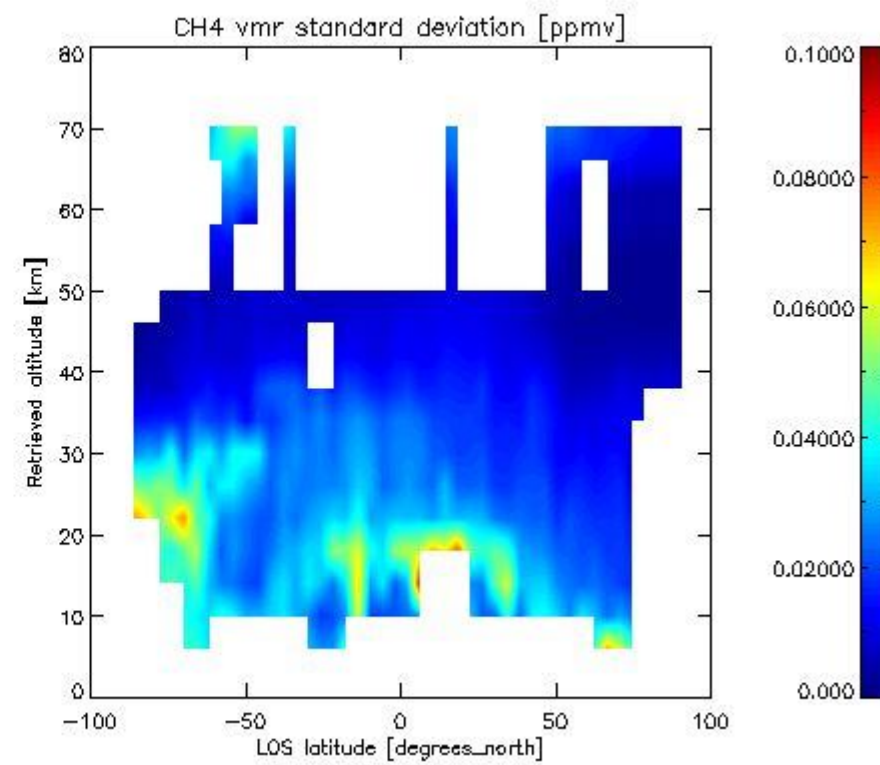
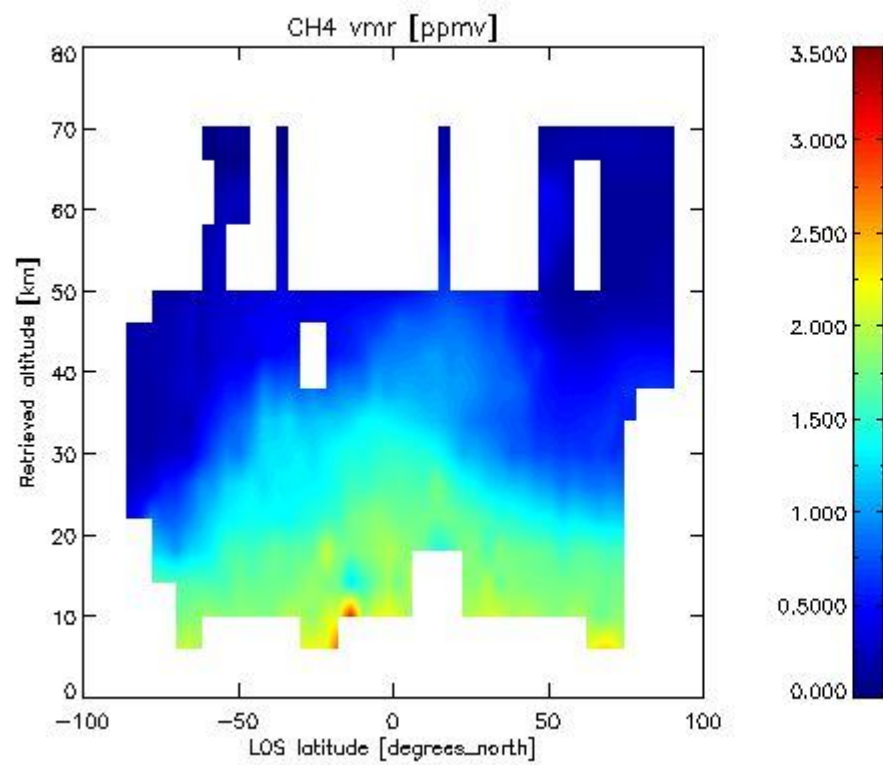


2.2.4.3 HNO3 overview This section shows values (left) and error (right) for HNO3 after binning individual sweep values over retrieved altitude and tangent latitude.

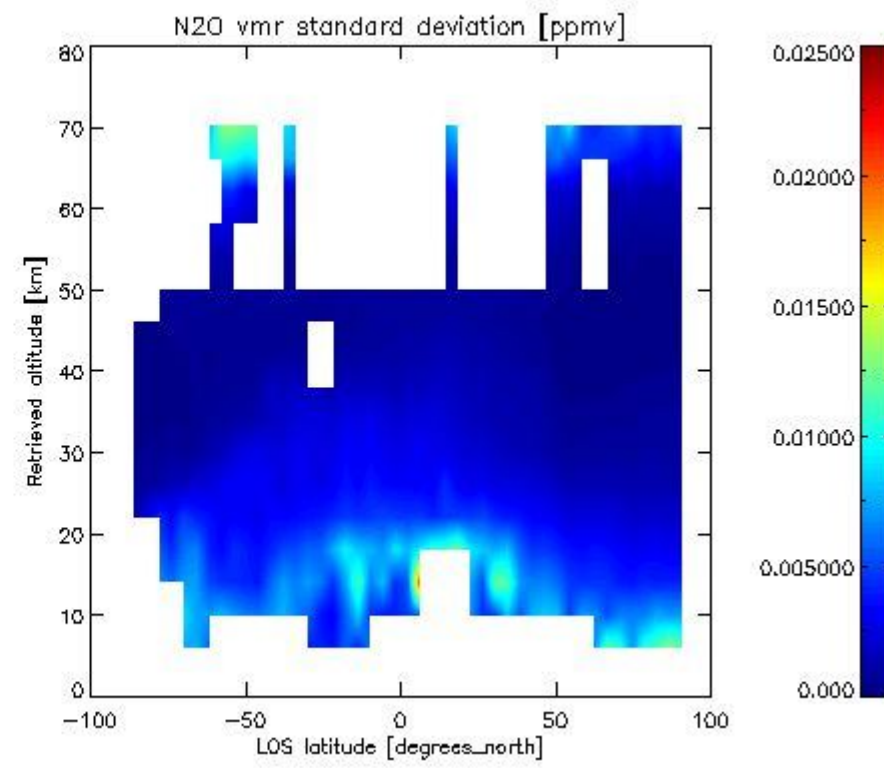
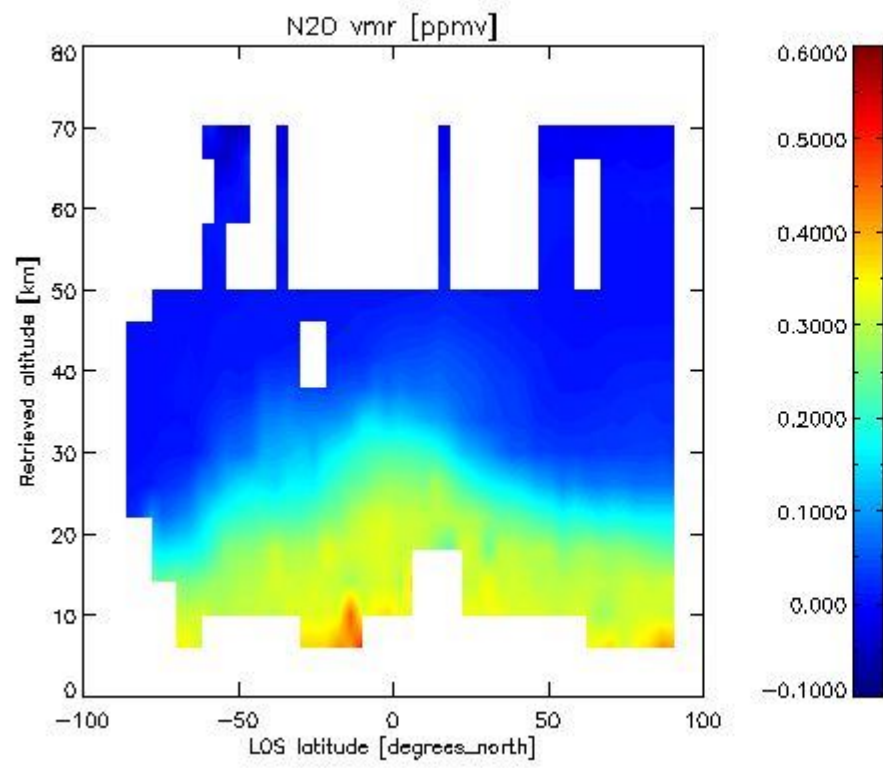




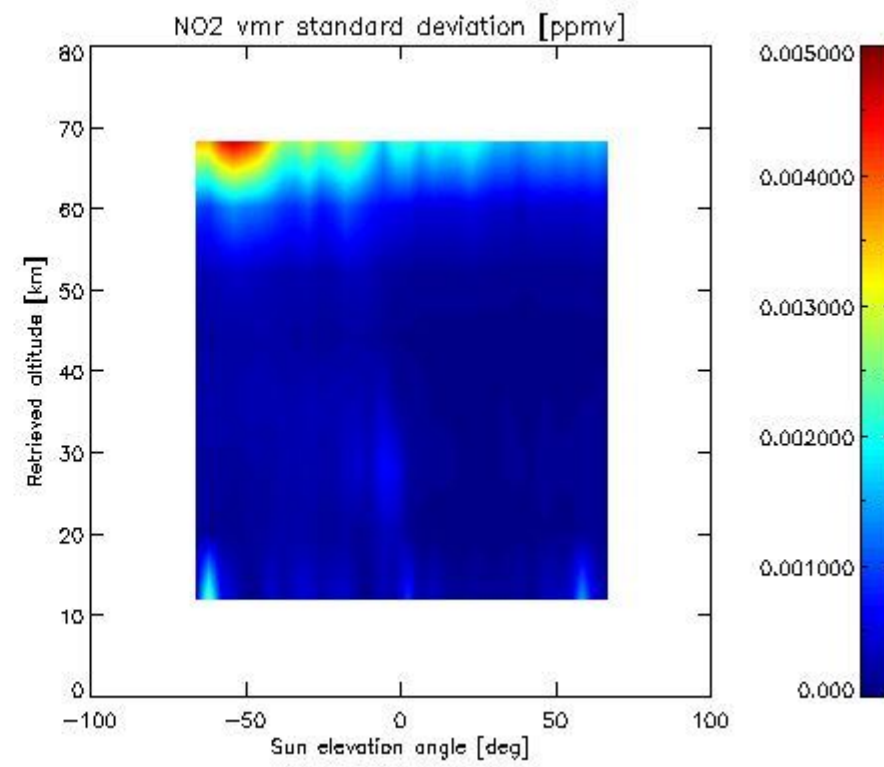
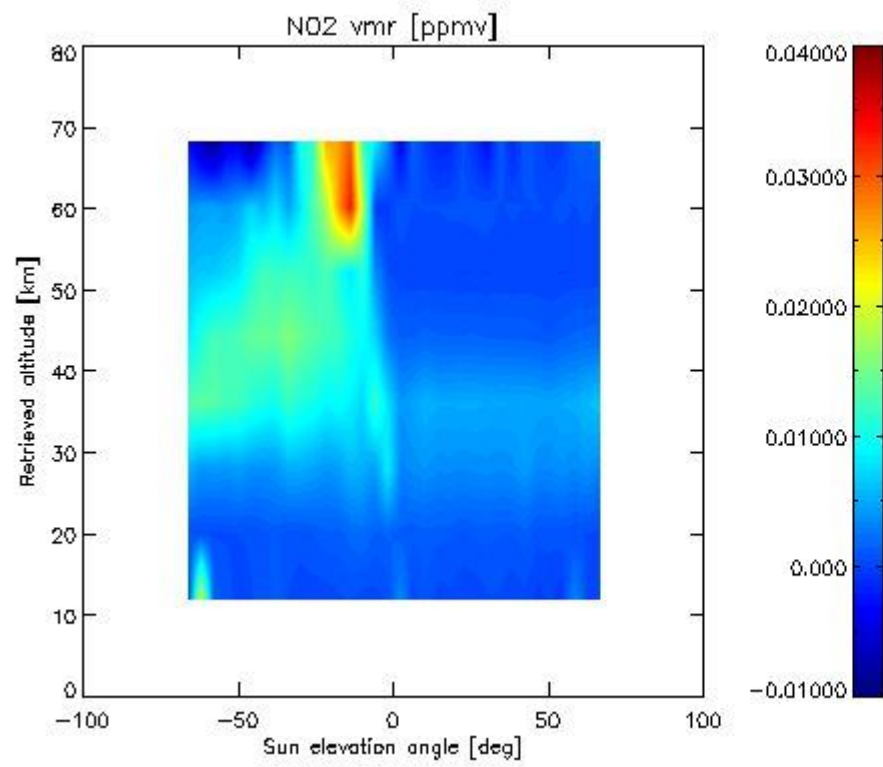
2.2.4.4 CH<sub>4</sub> overview This section shows values (left) and error (right) for CH<sub>4</sub> after binning individual sweep values over retrieved altitude and tangent latitude.



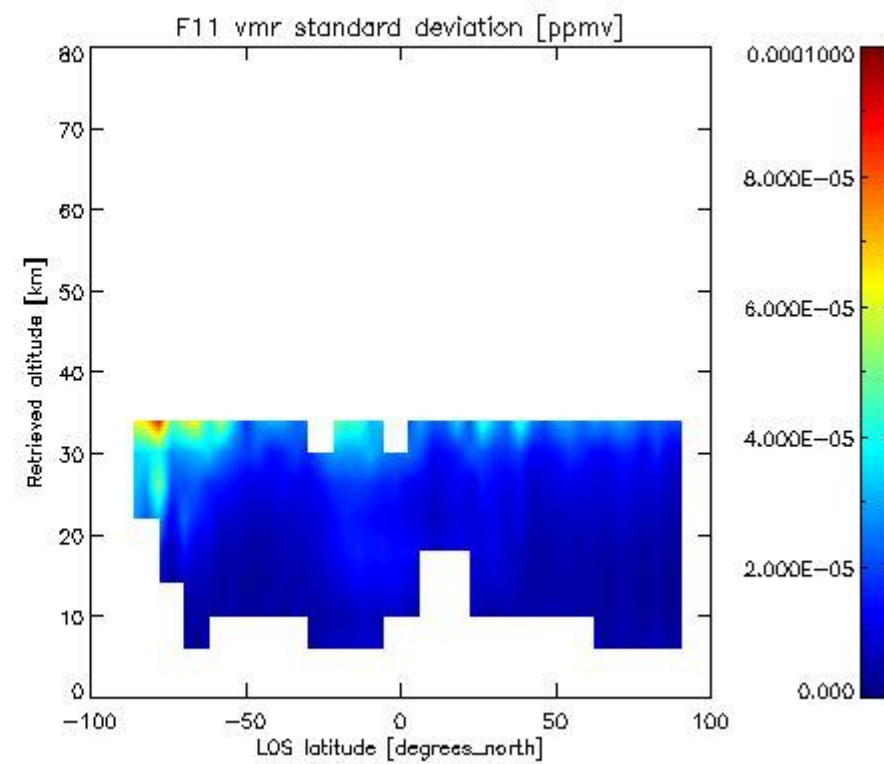
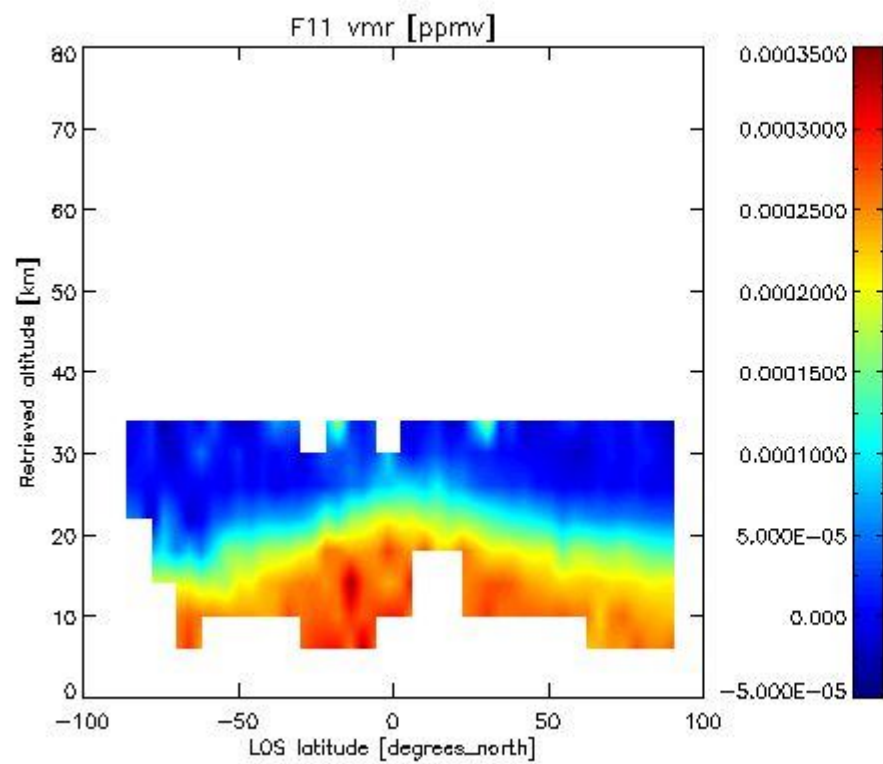
2.2.4.5 N<sub>2</sub>O overview This section shows values (left) and error (right) for N<sub>2</sub>O after binning individual sweep values over retrieved altitude and tangent latitude.



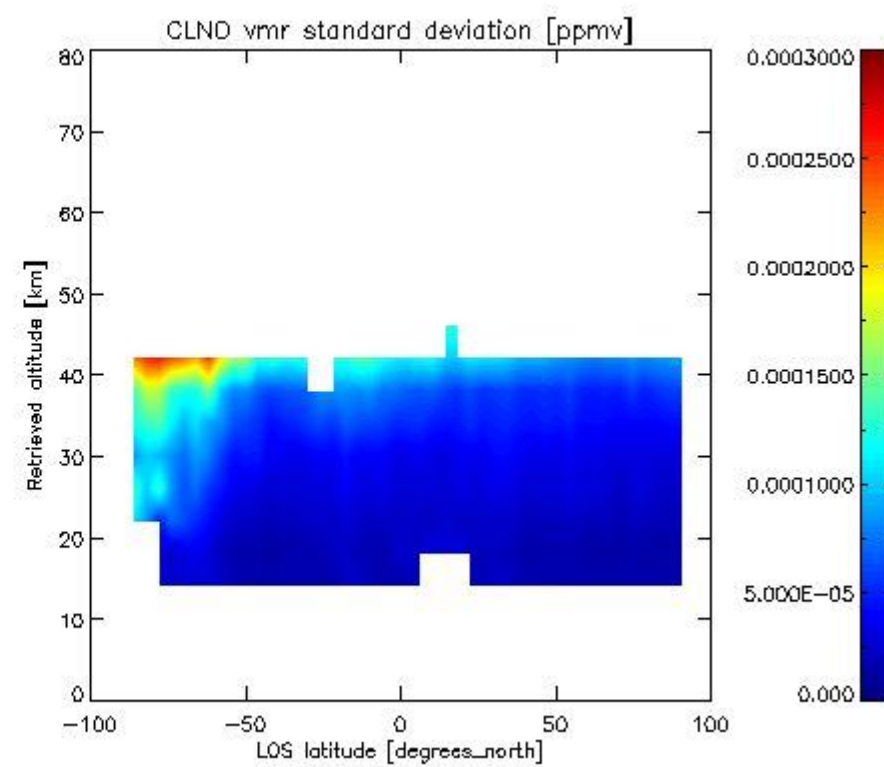
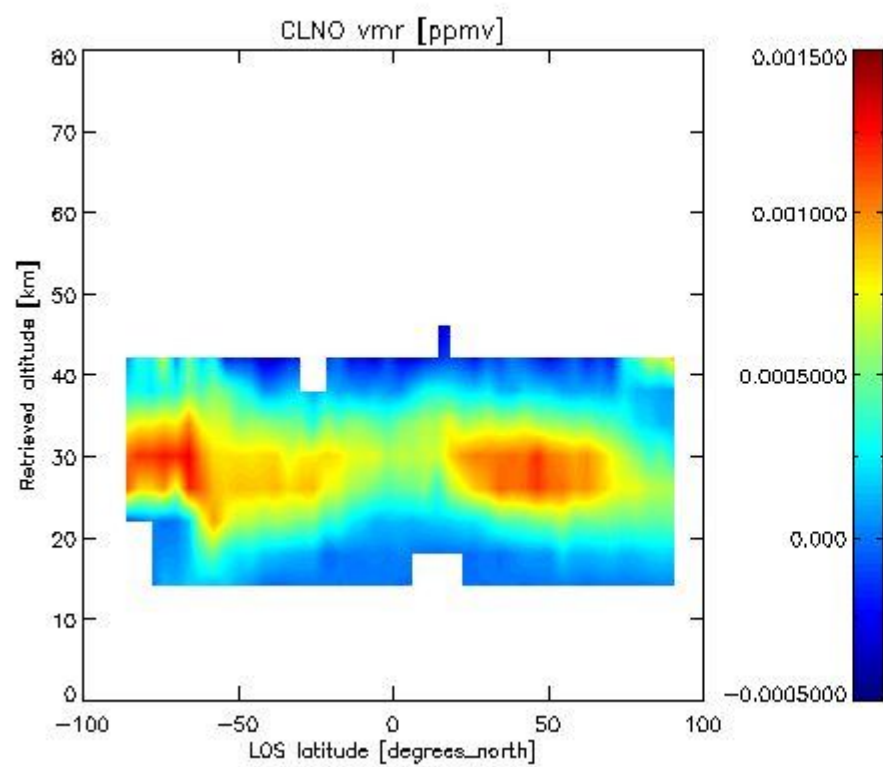
2.2.4.6 NO<sub>2</sub> overview This section shows values (left) and error (right) for NO<sub>2</sub> after binning individual sweep values over retrieved altitude and Sun Elevation Angle. Note that for NO<sub>2</sub> the bin heights are 6 km.



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.

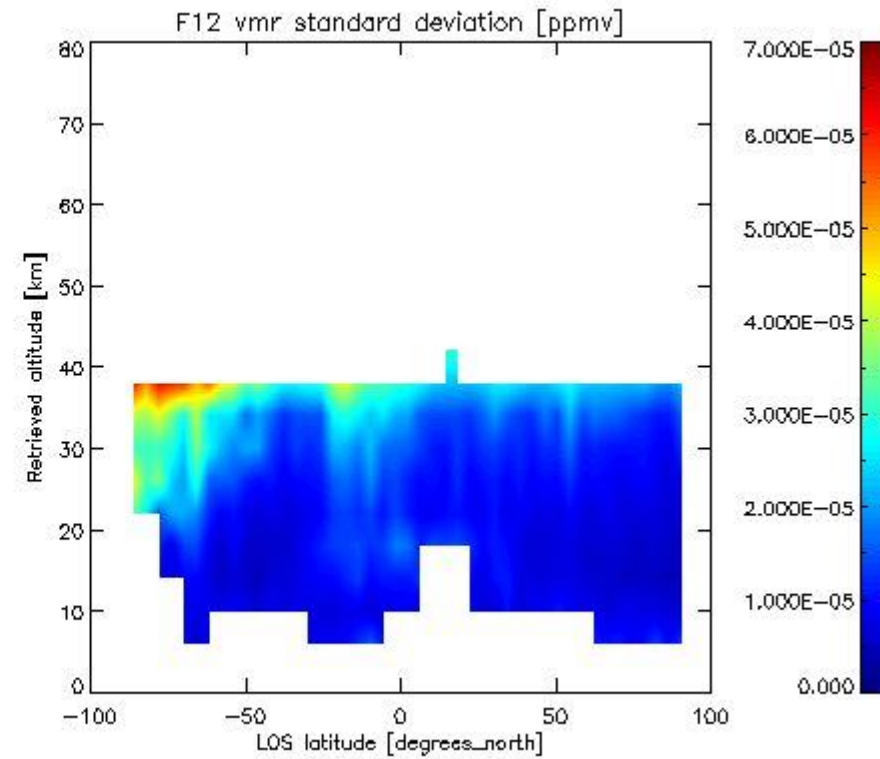
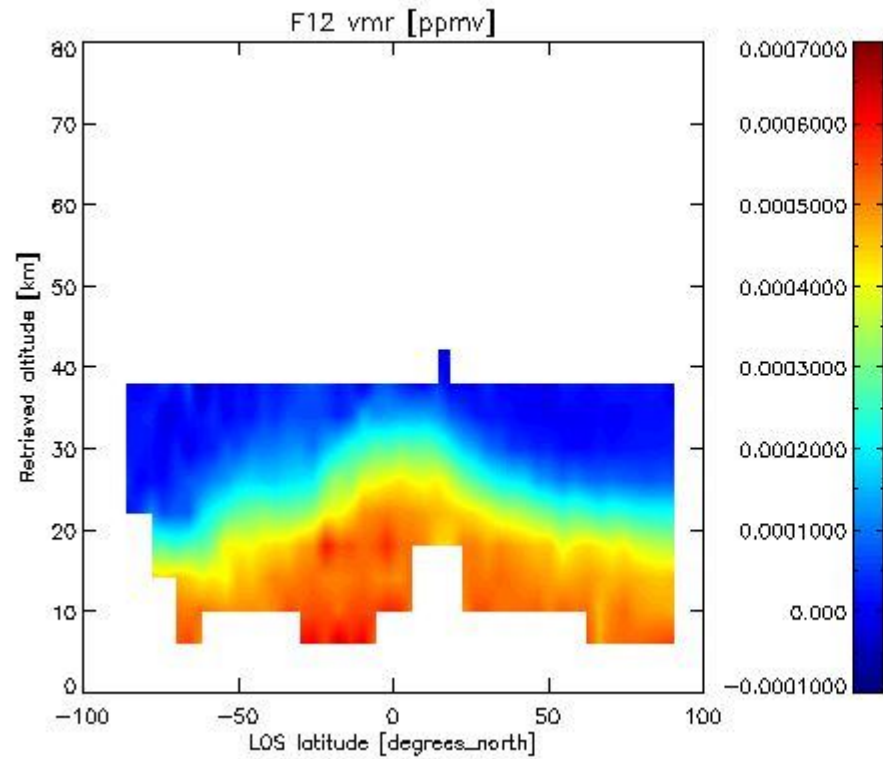
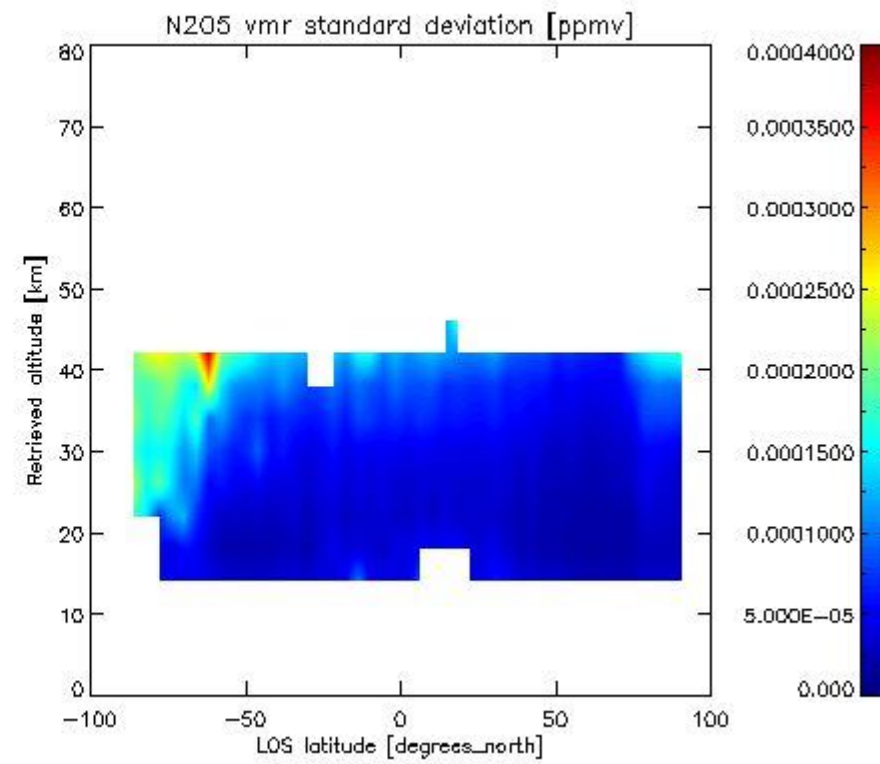
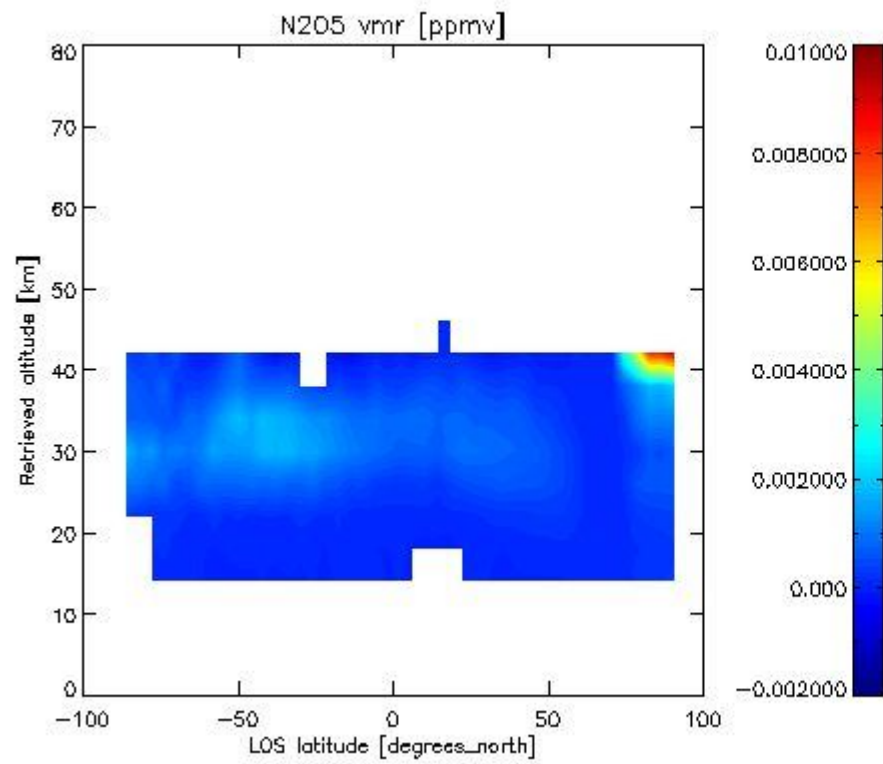


2.3.4.4 CLNO vmr: This section shows values (left) and error (right) for CLNO after binning individual vmr values over retrieved altitude and target latitude.

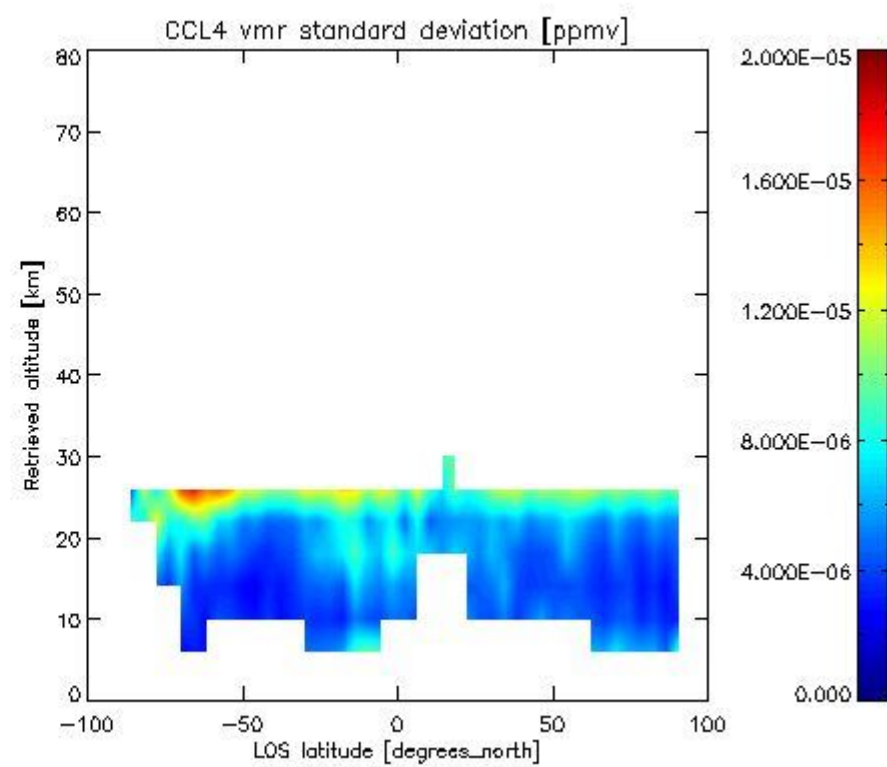
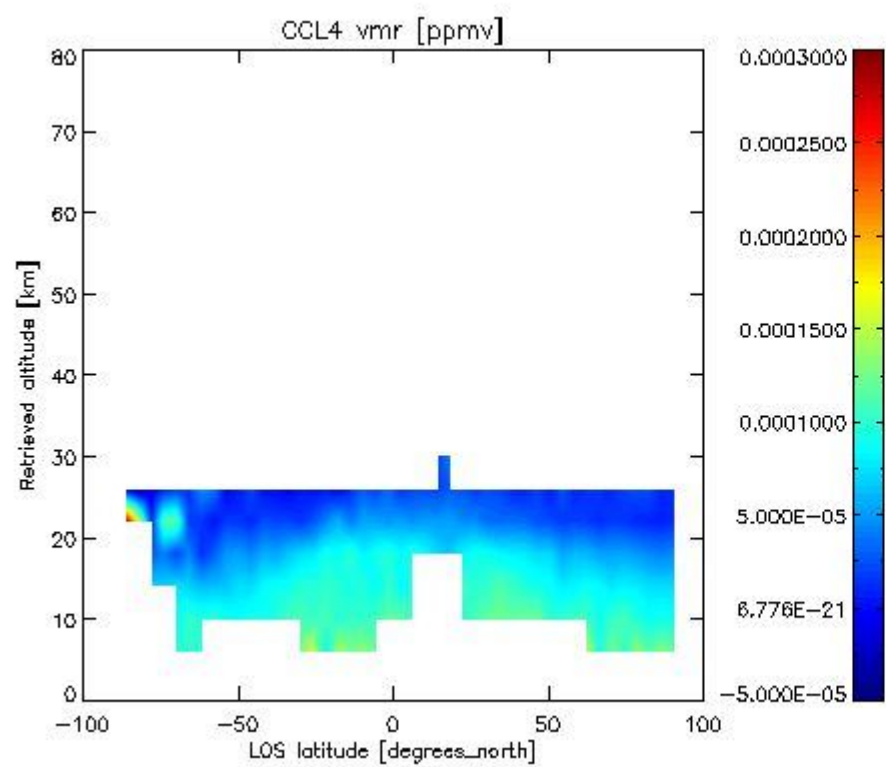
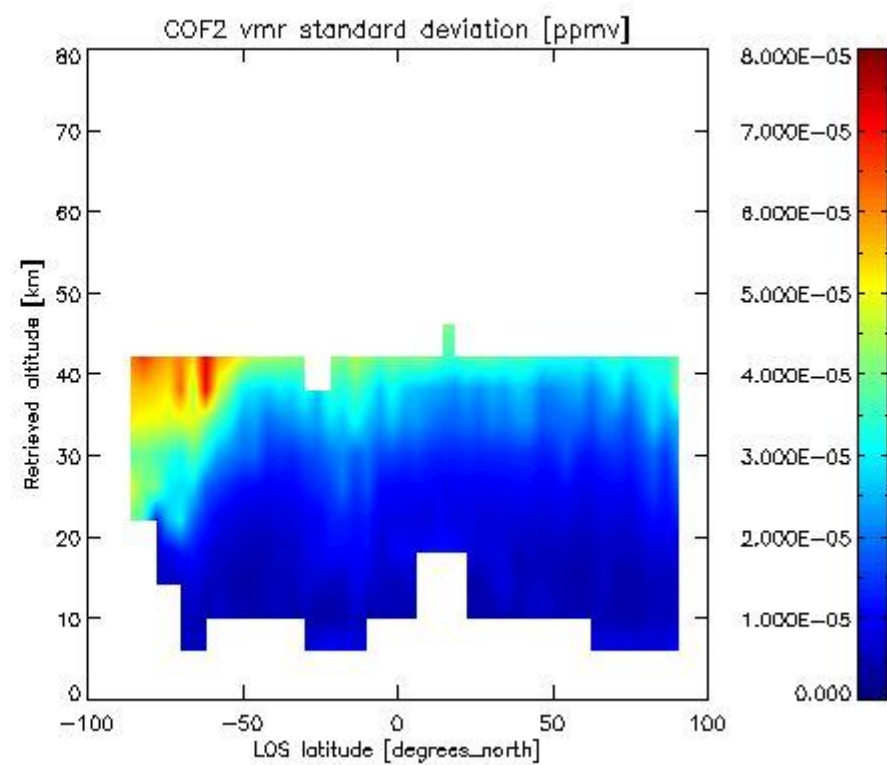
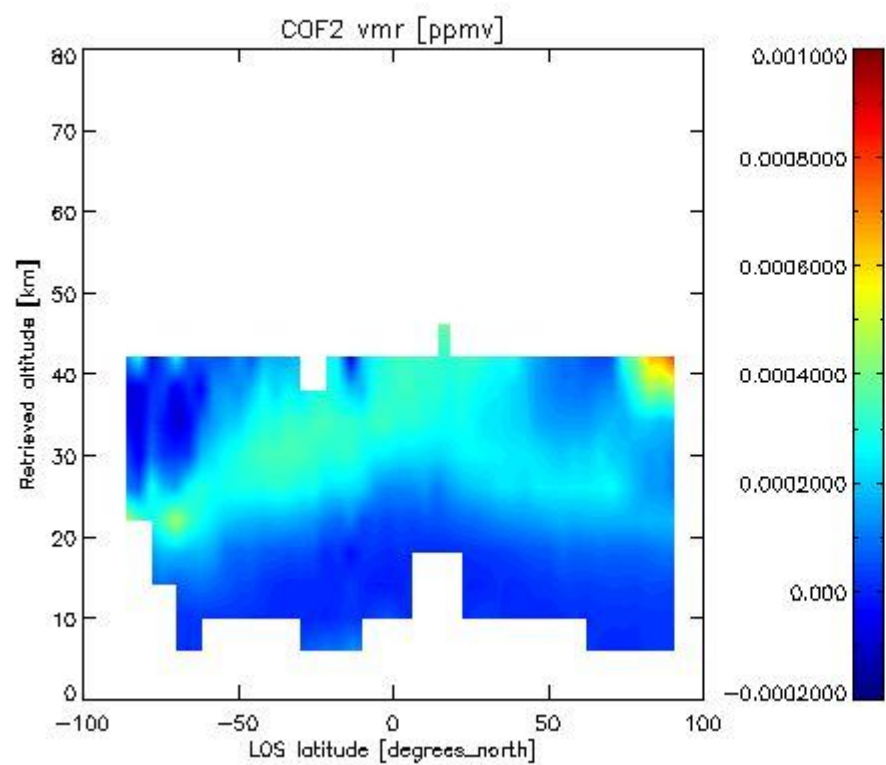


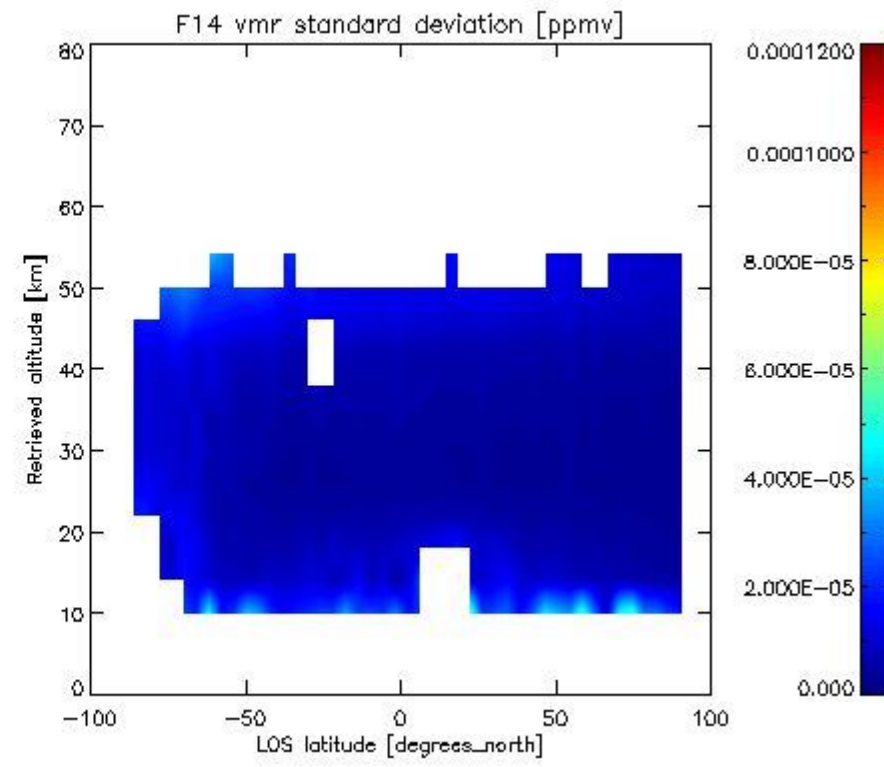
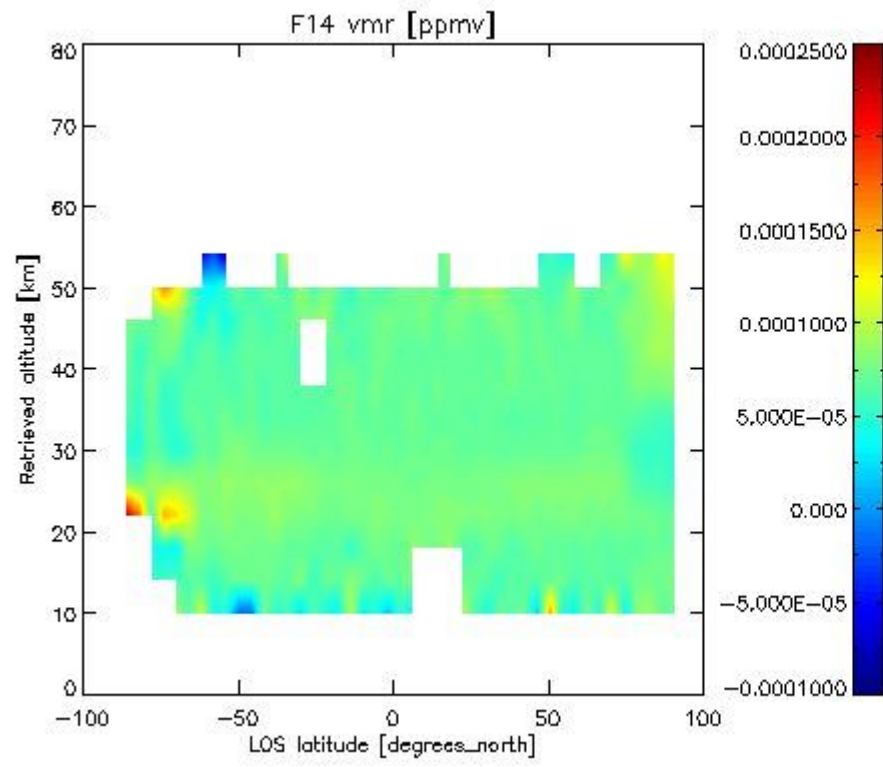
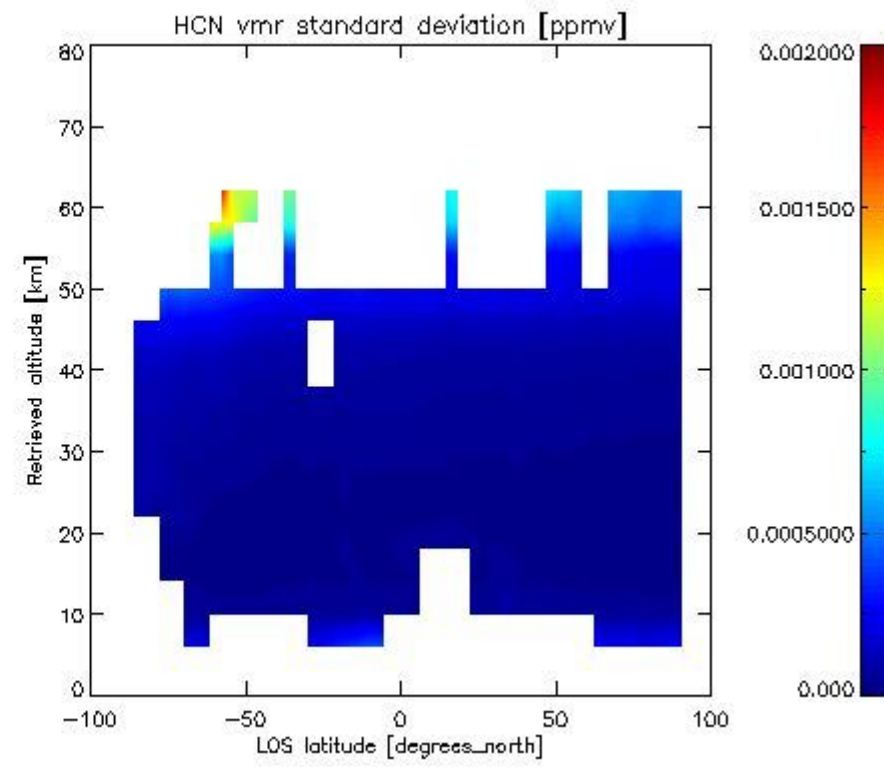
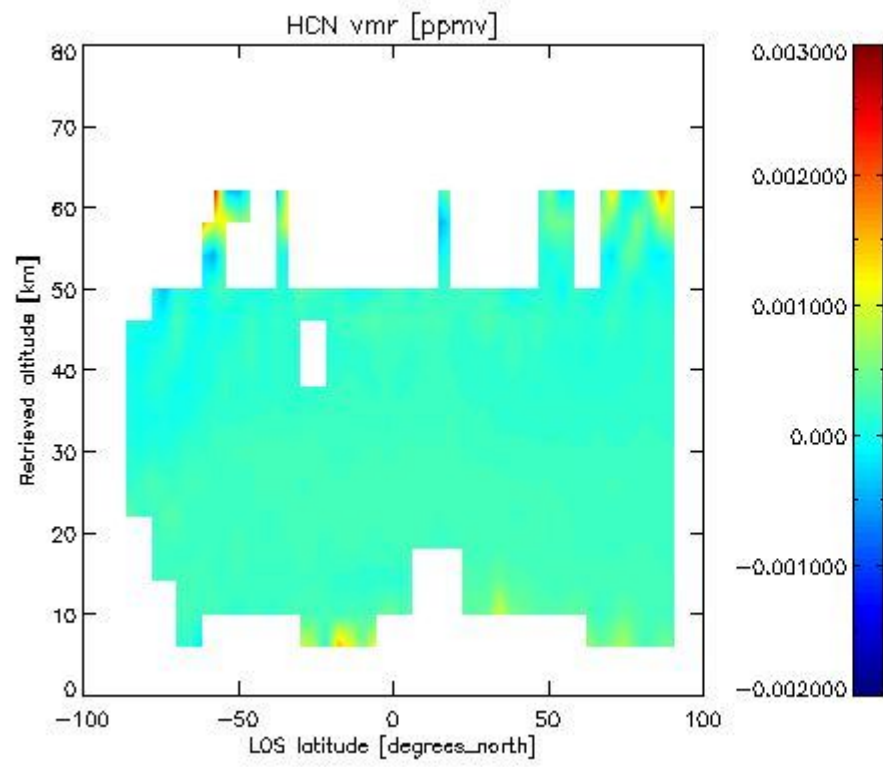
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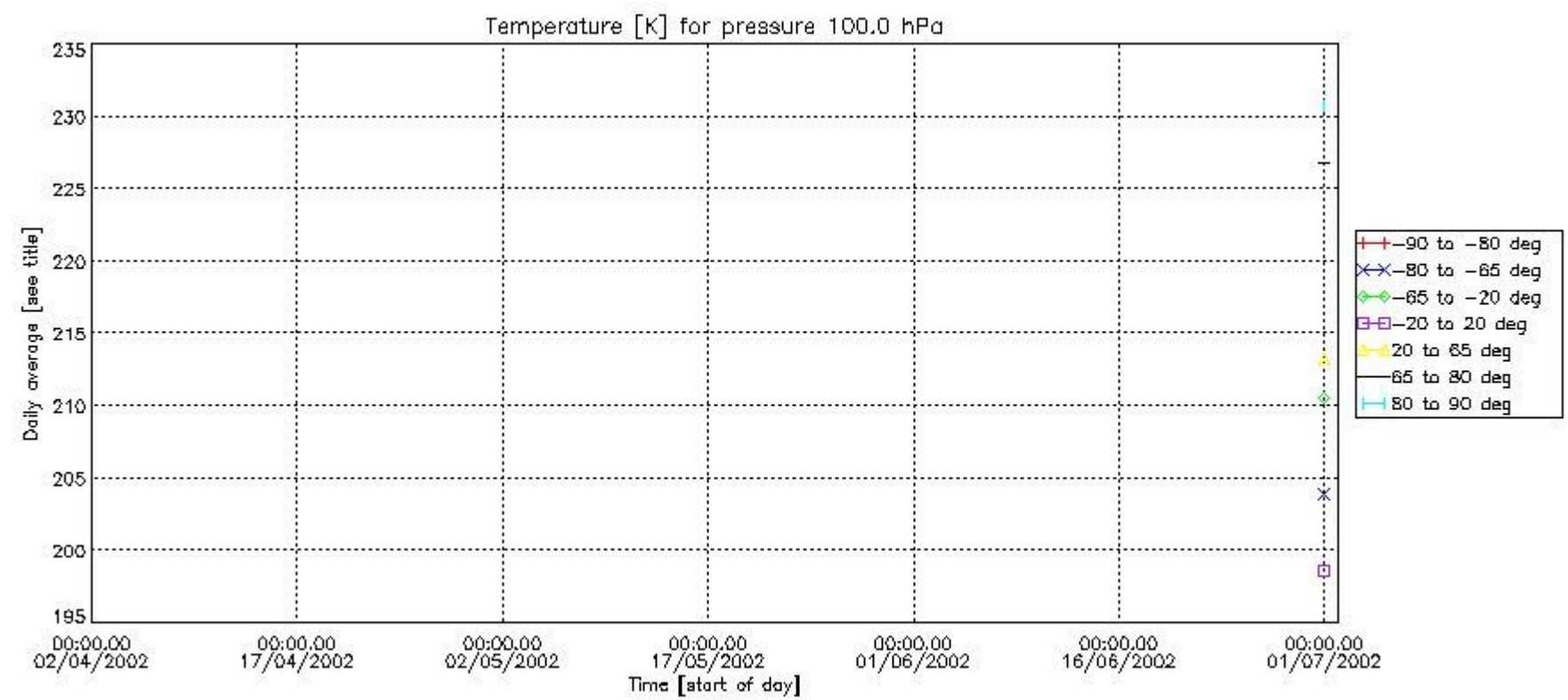
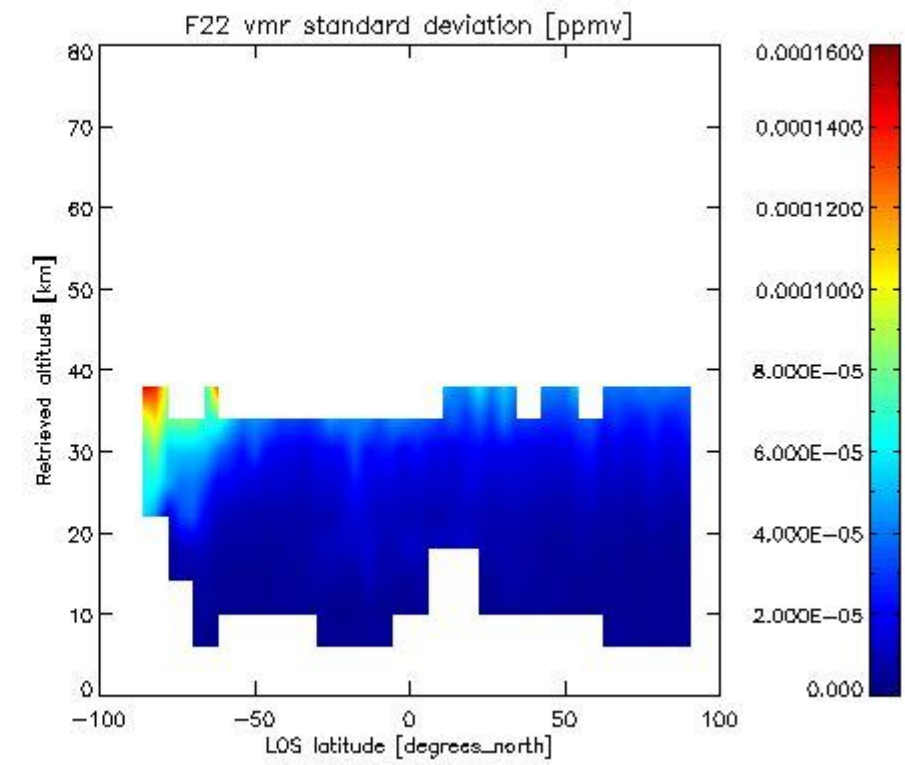
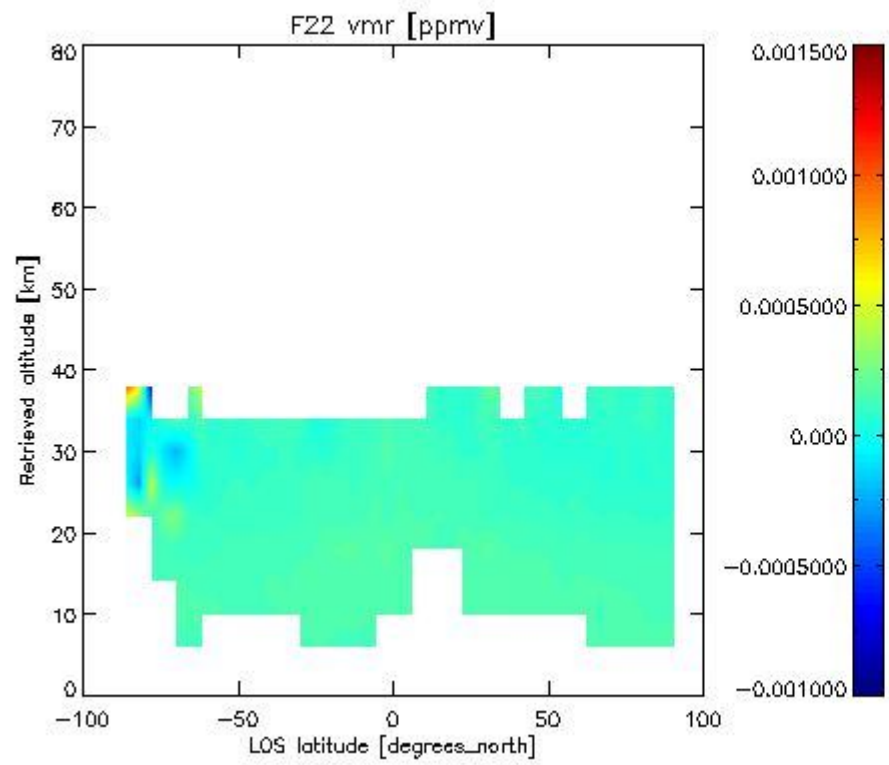




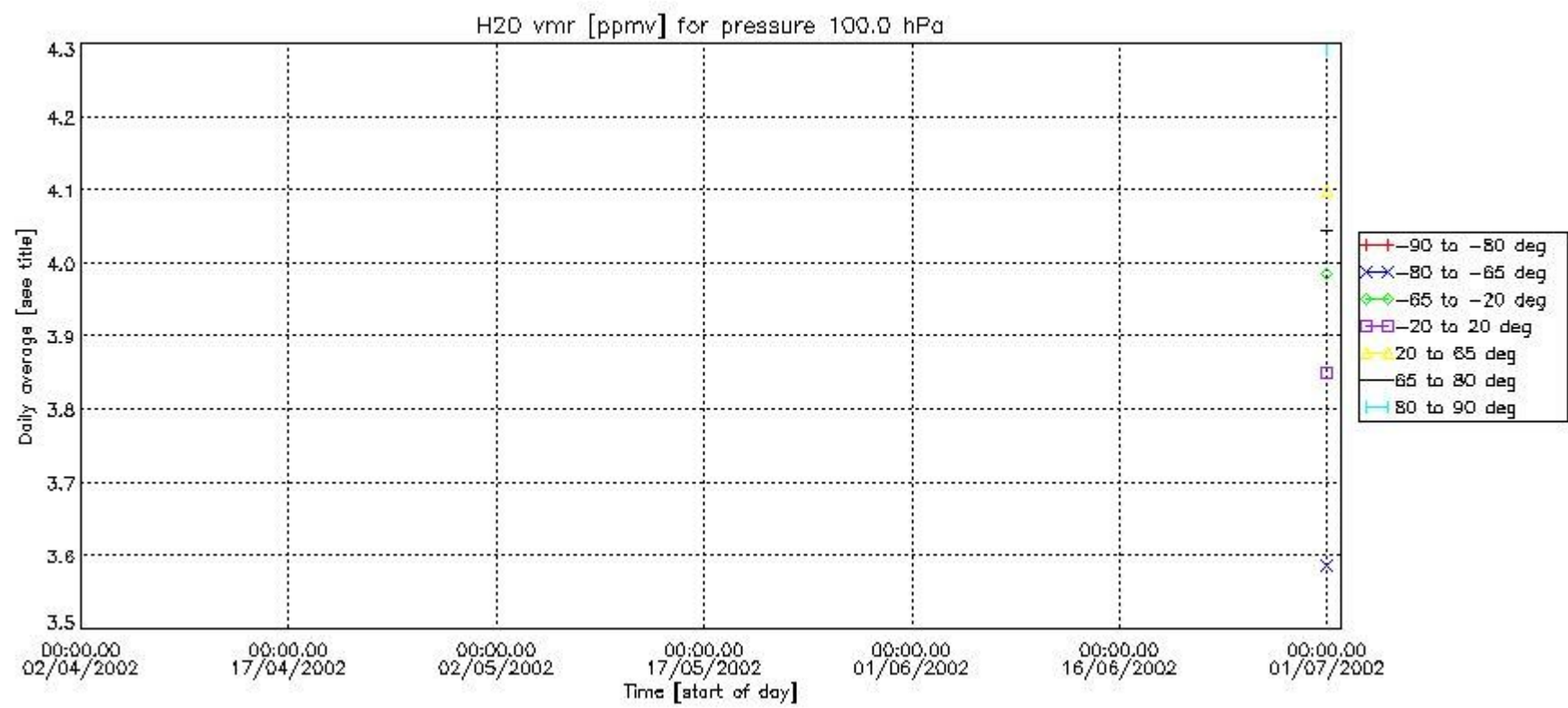
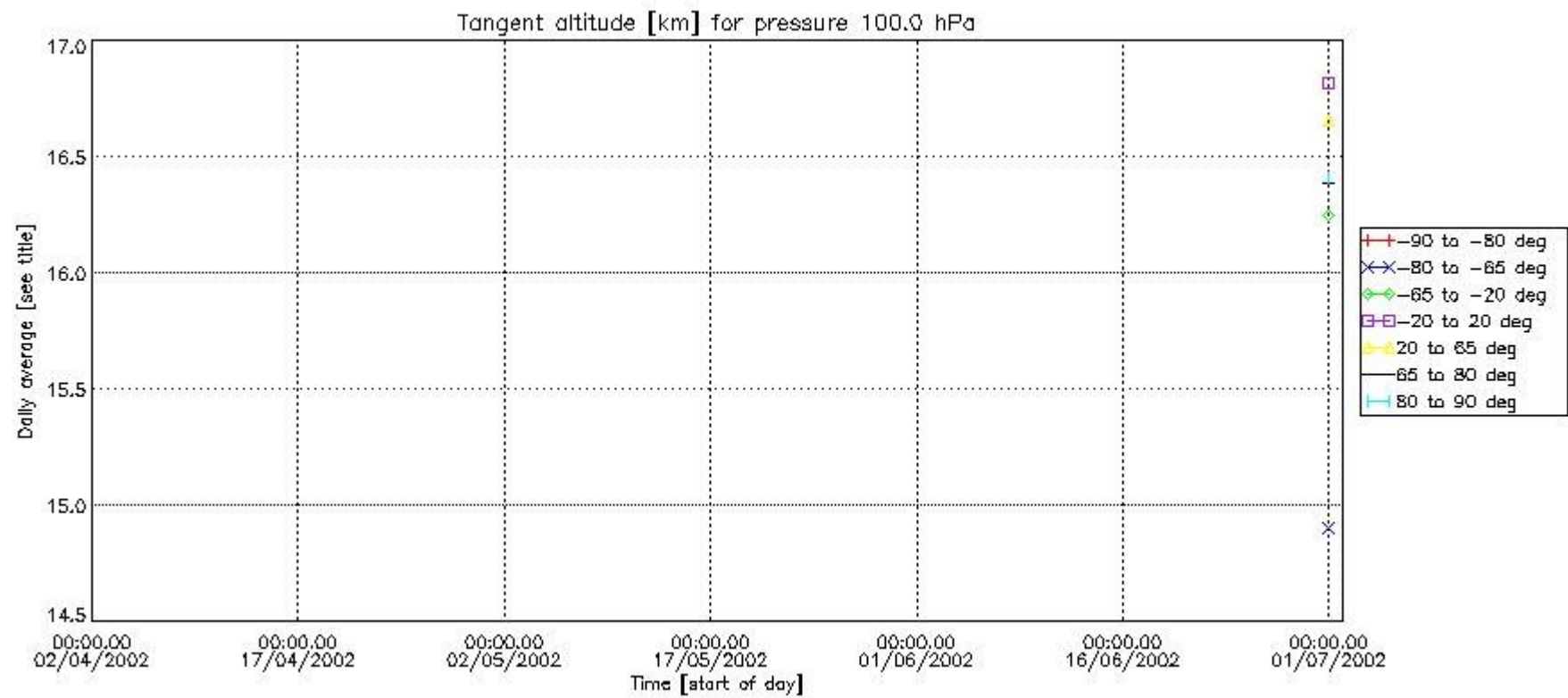


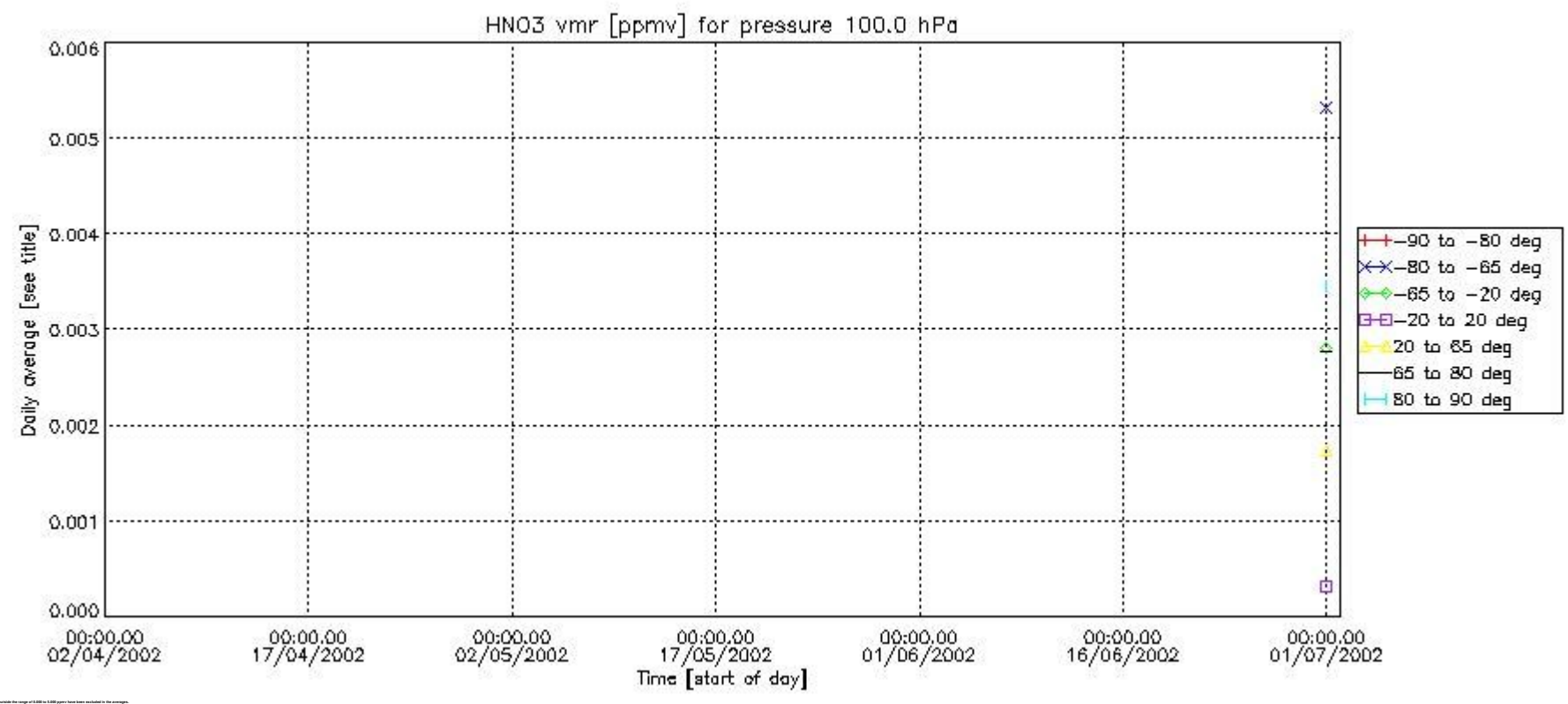
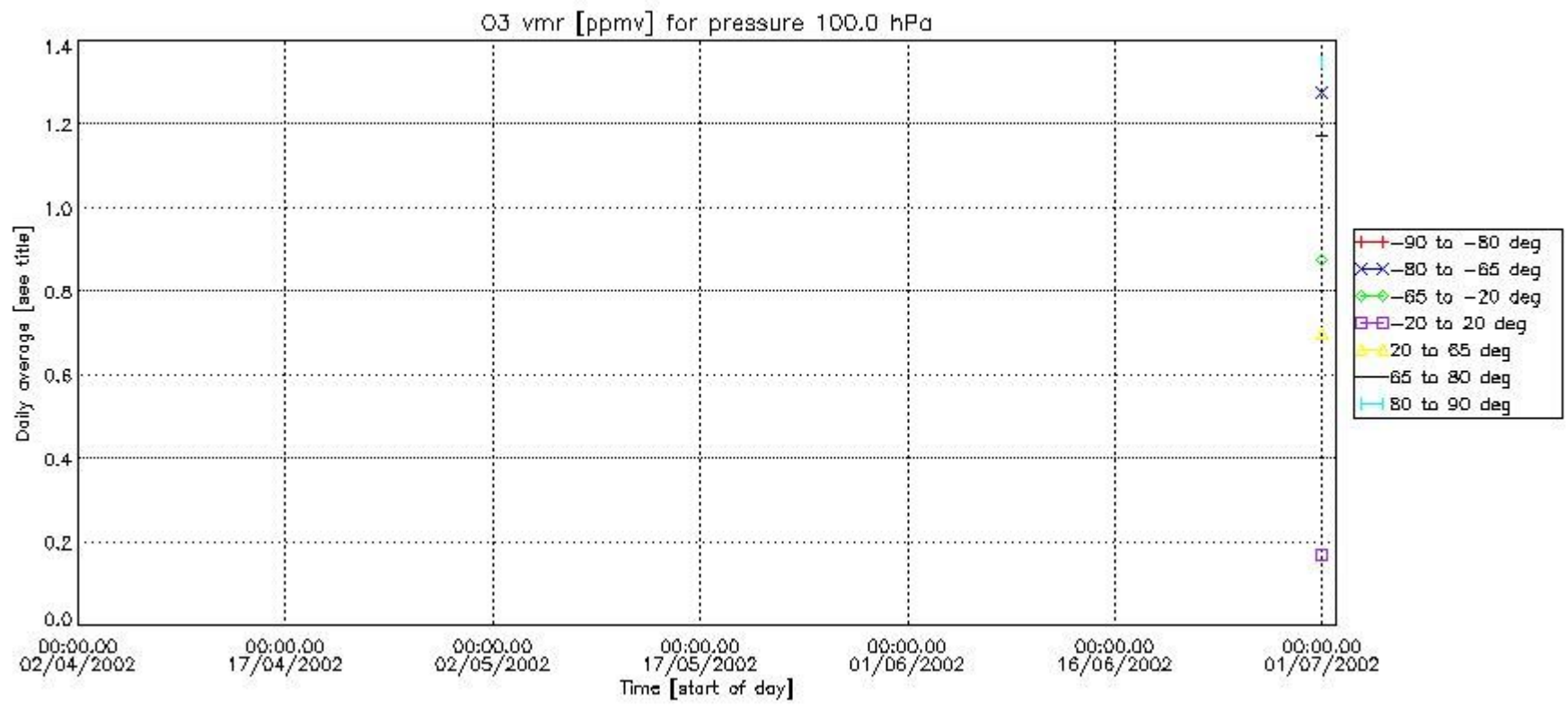


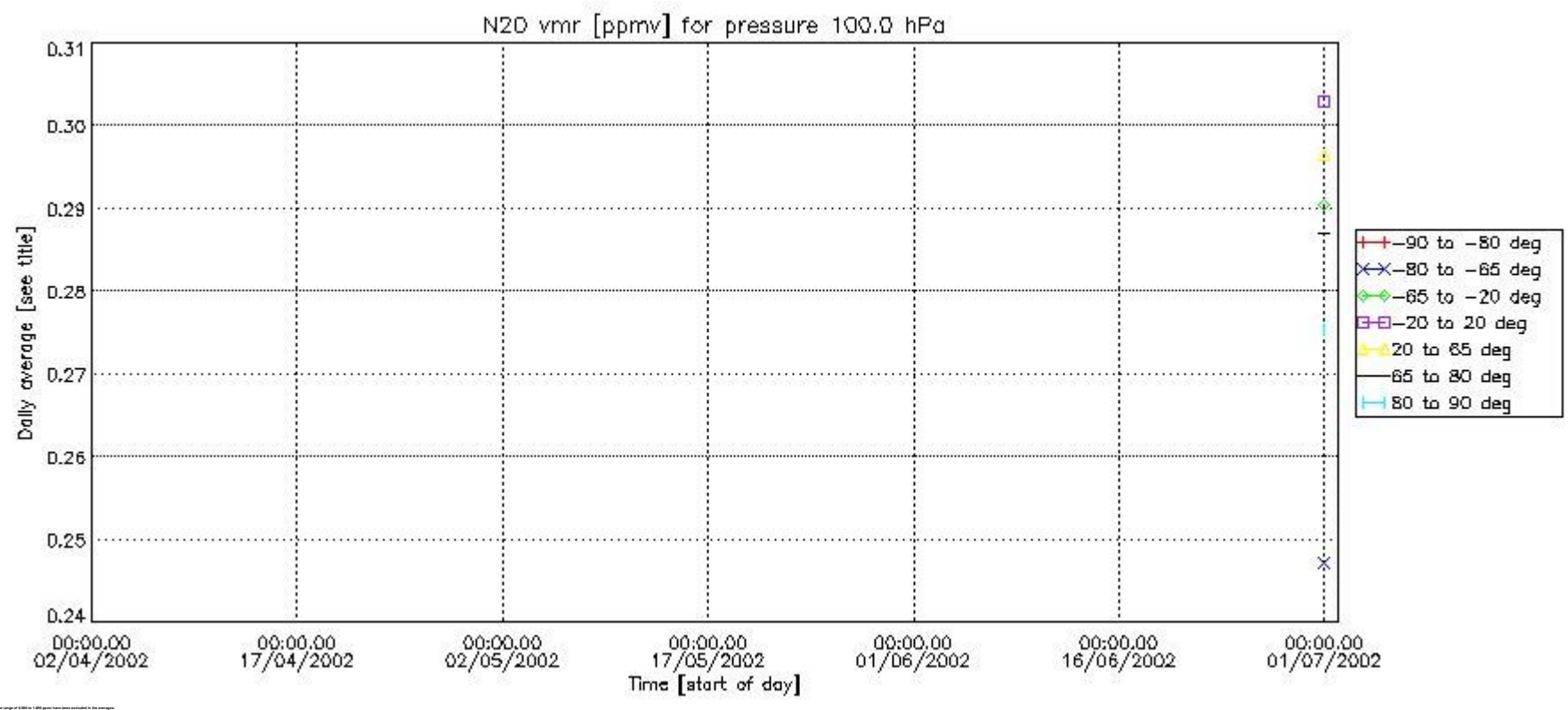
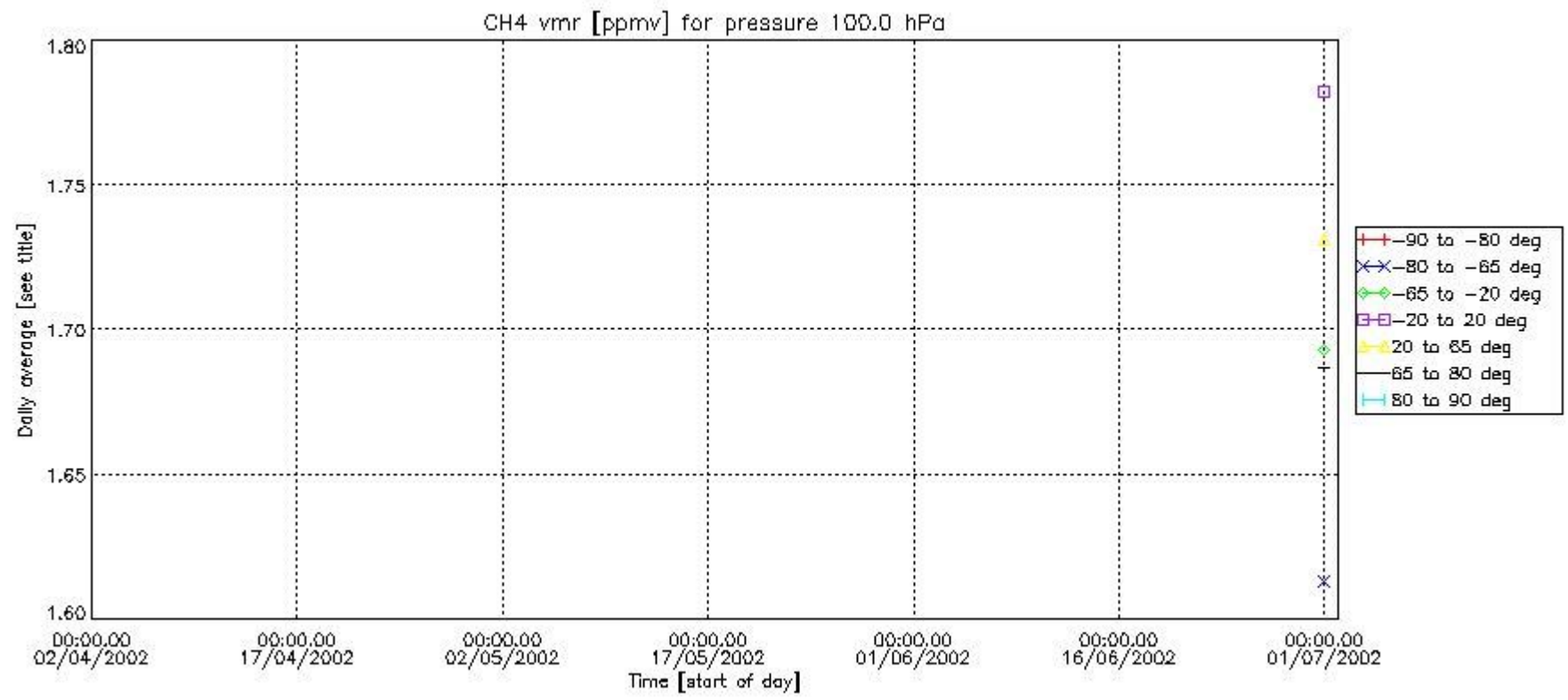




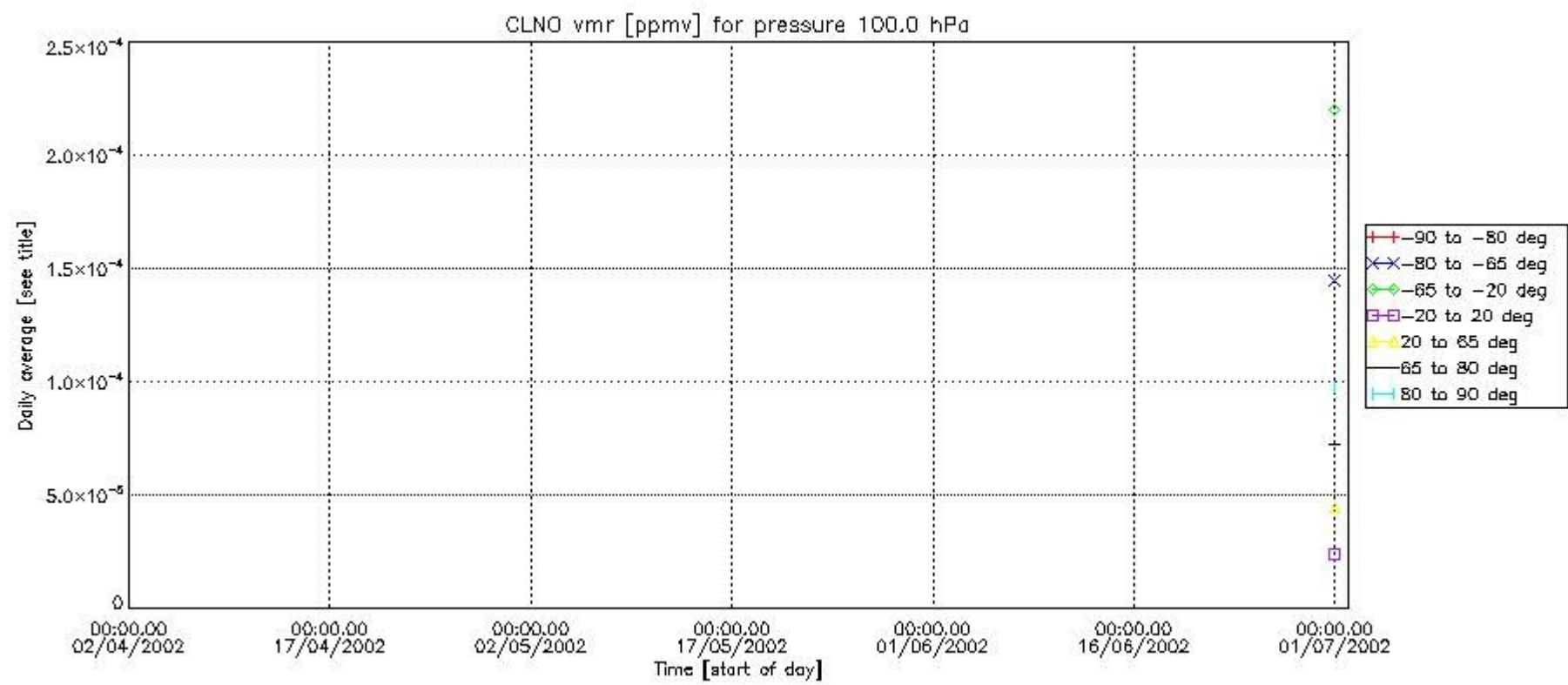
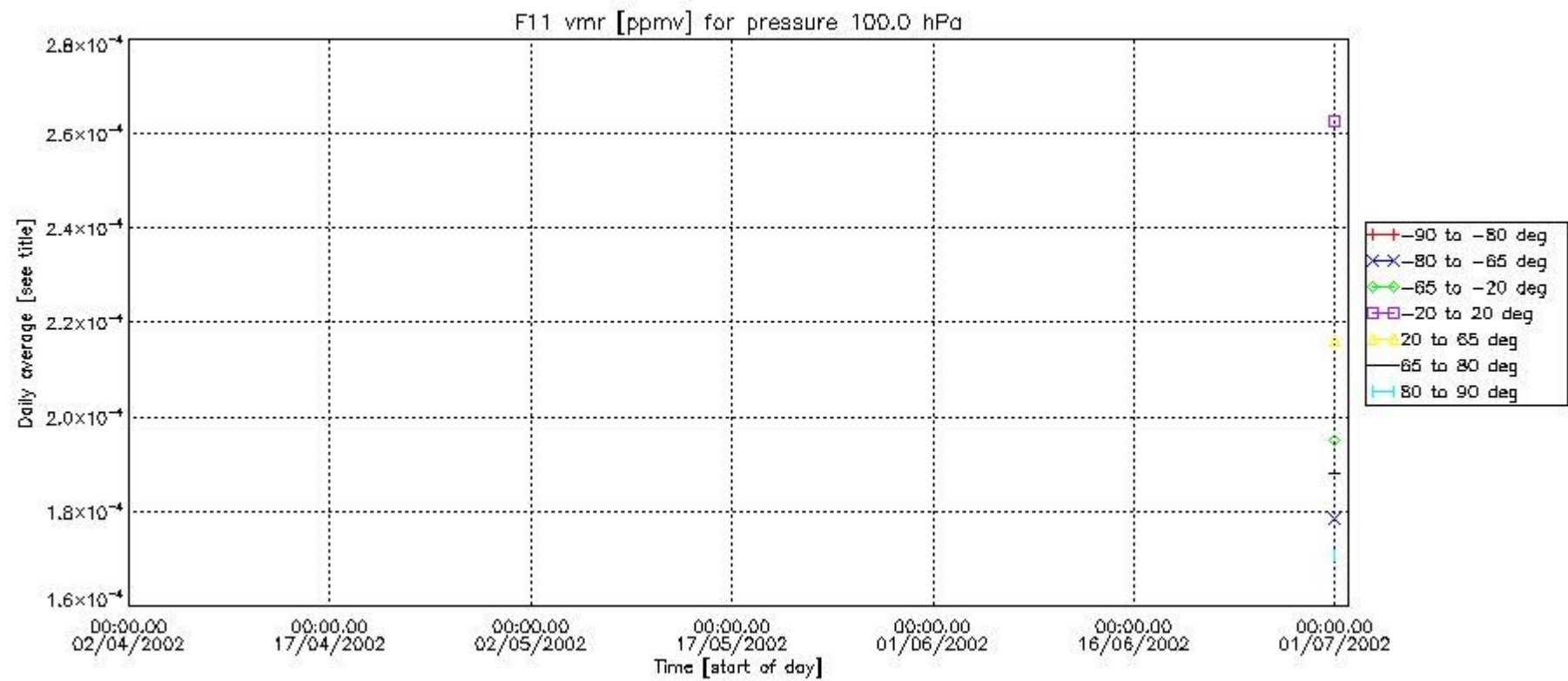




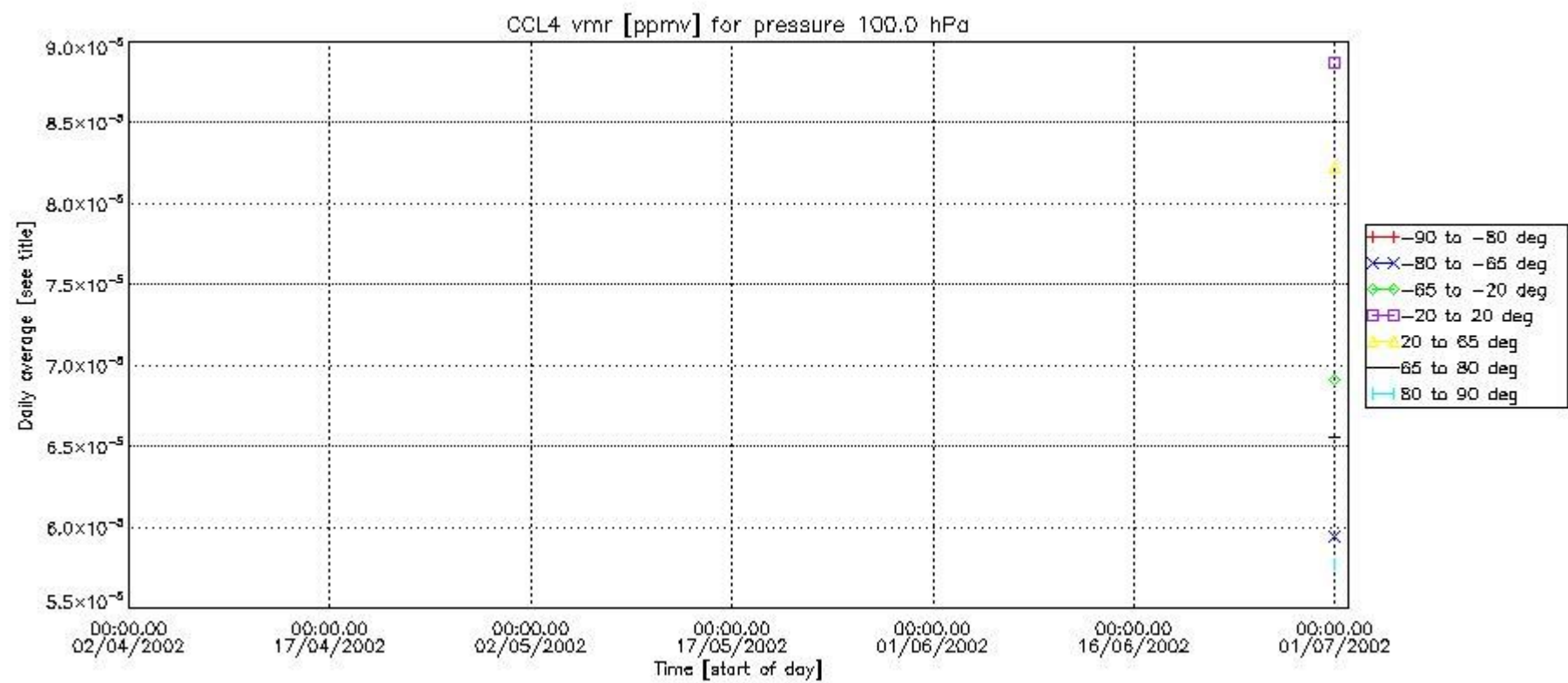
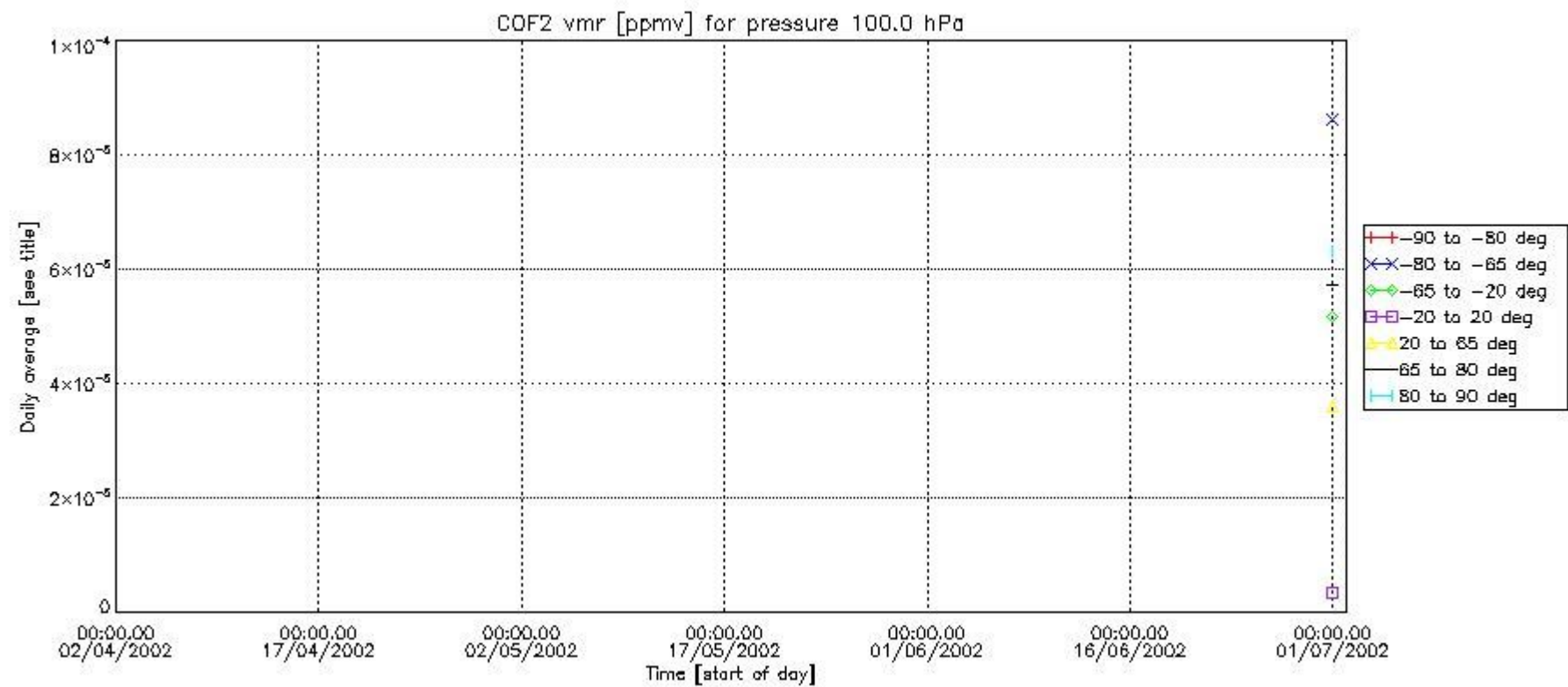






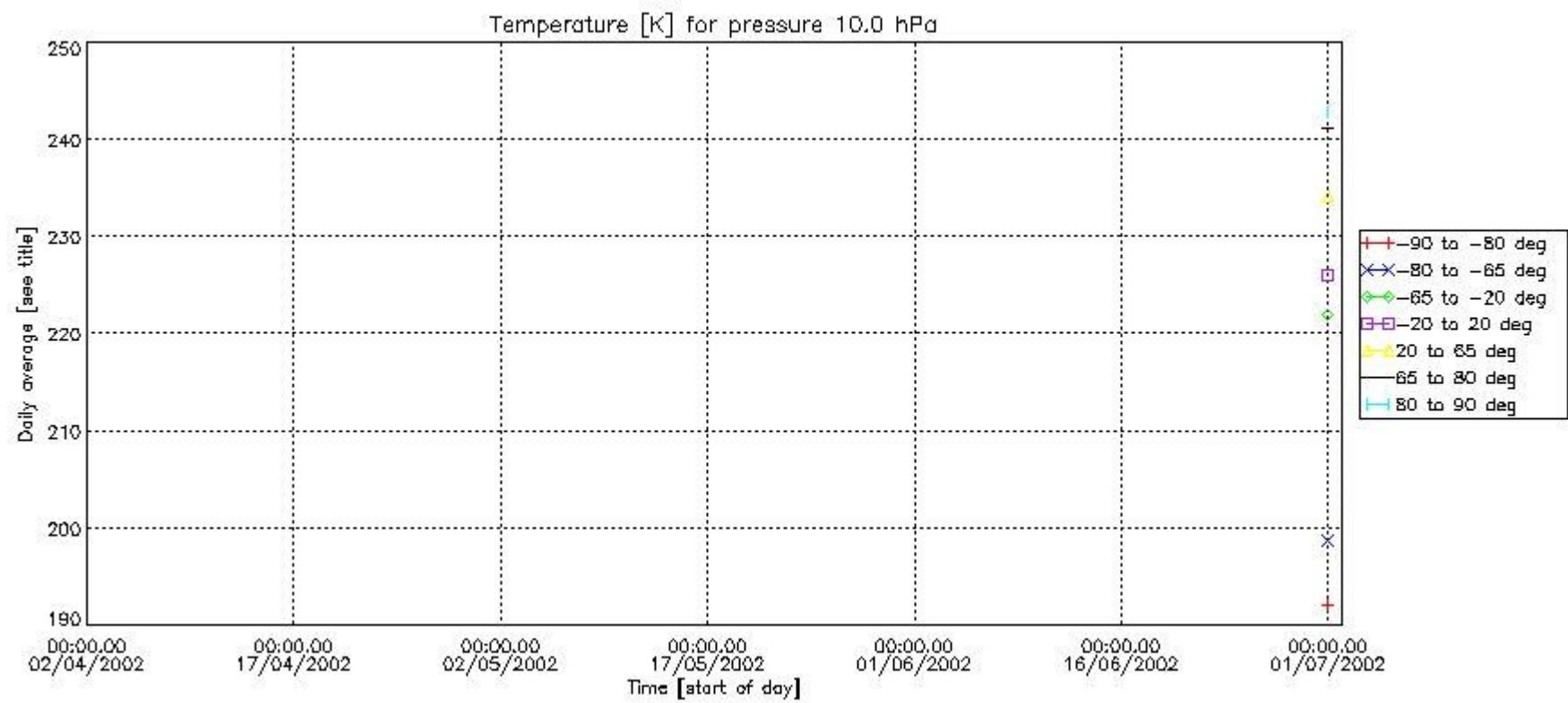
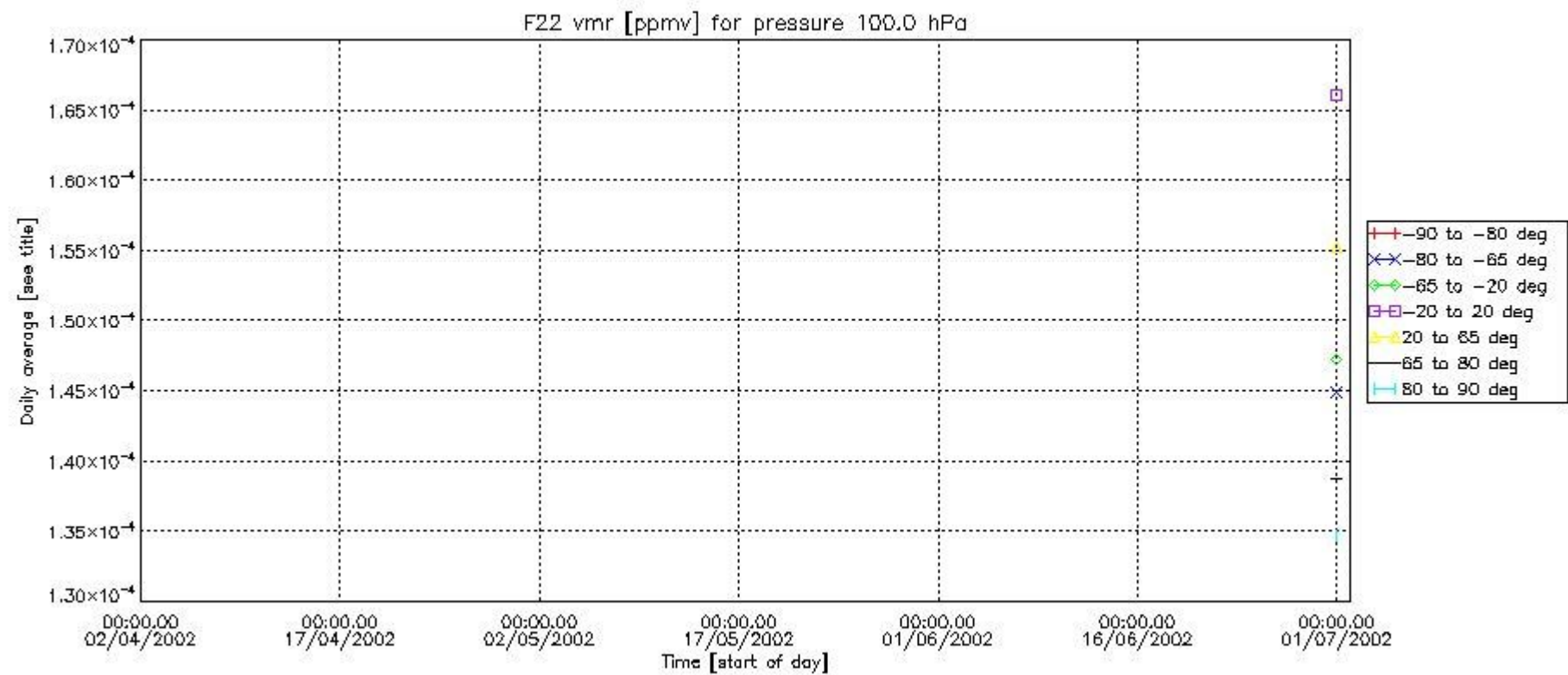


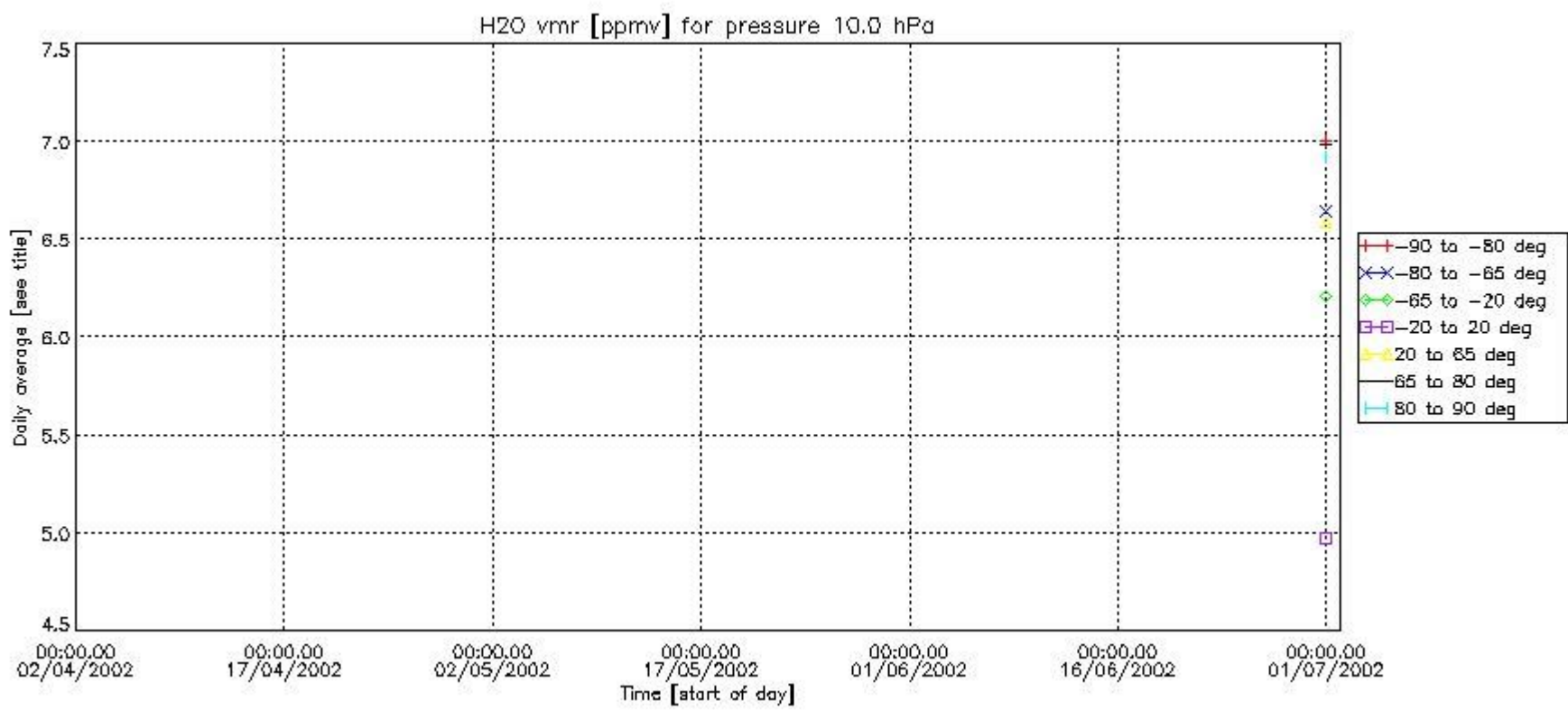
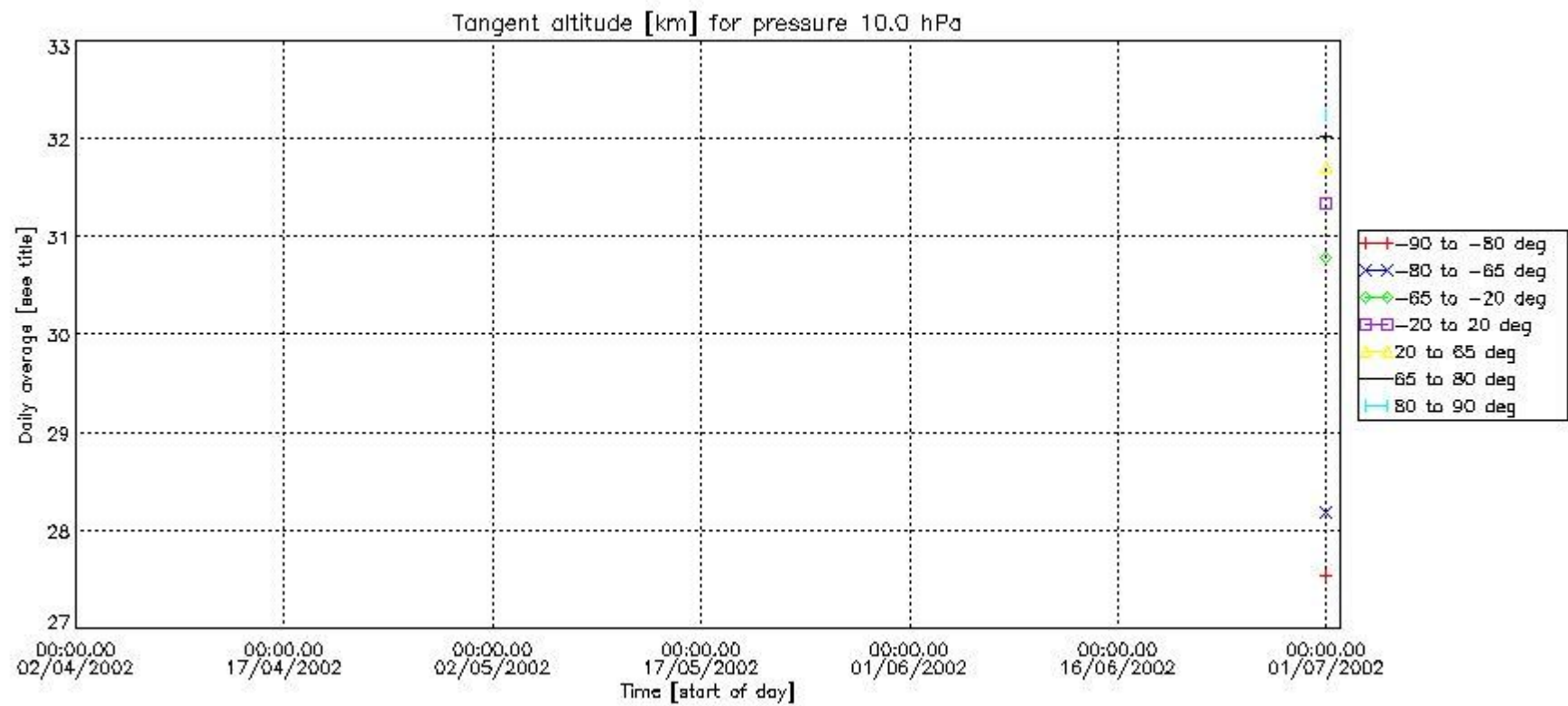




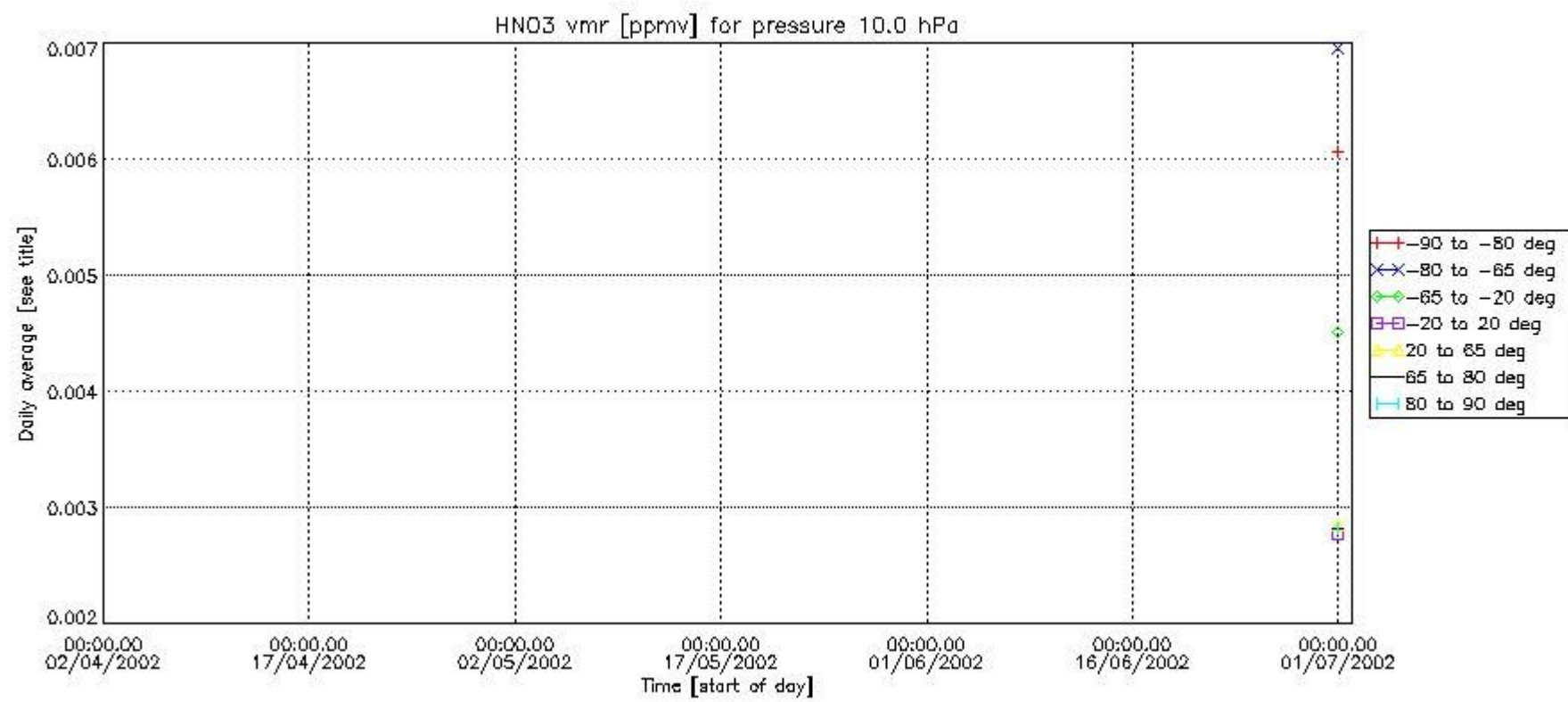
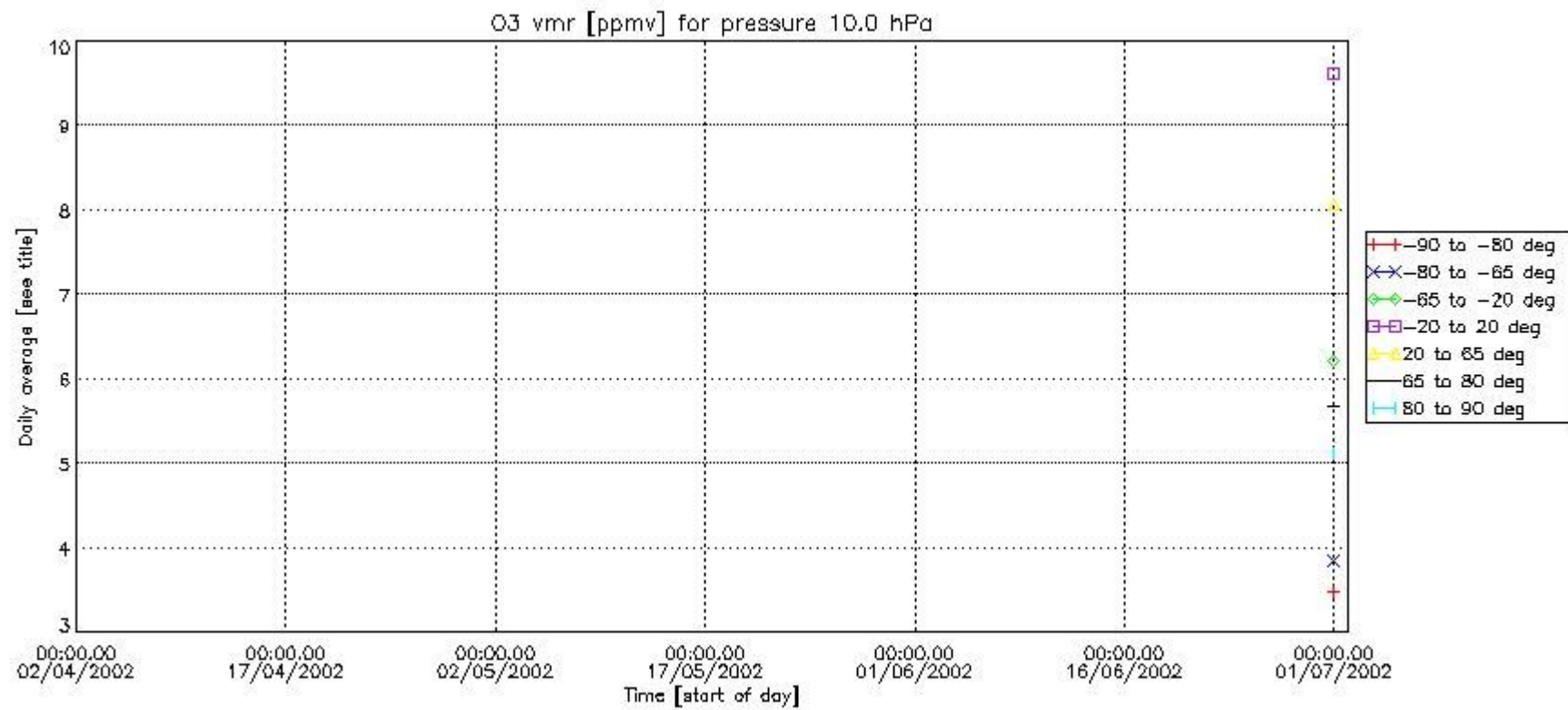


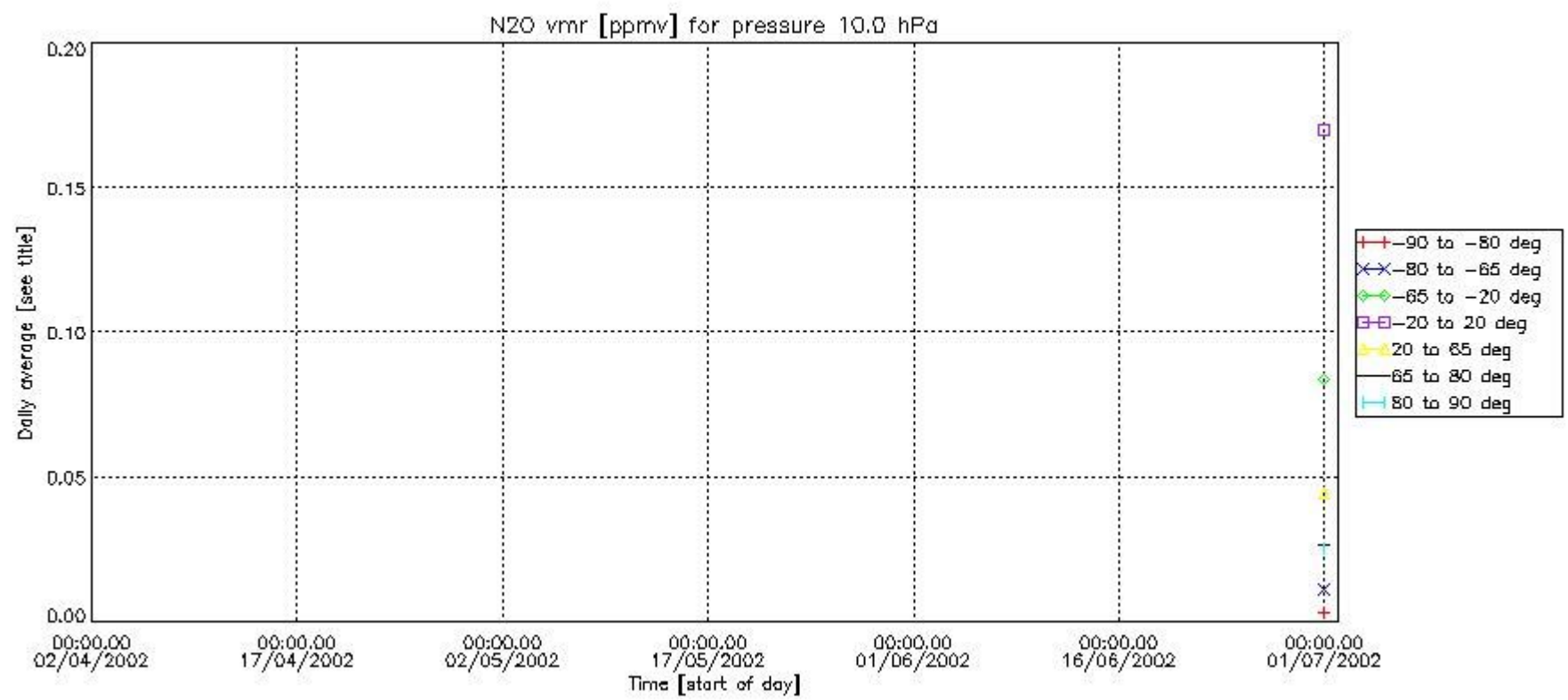
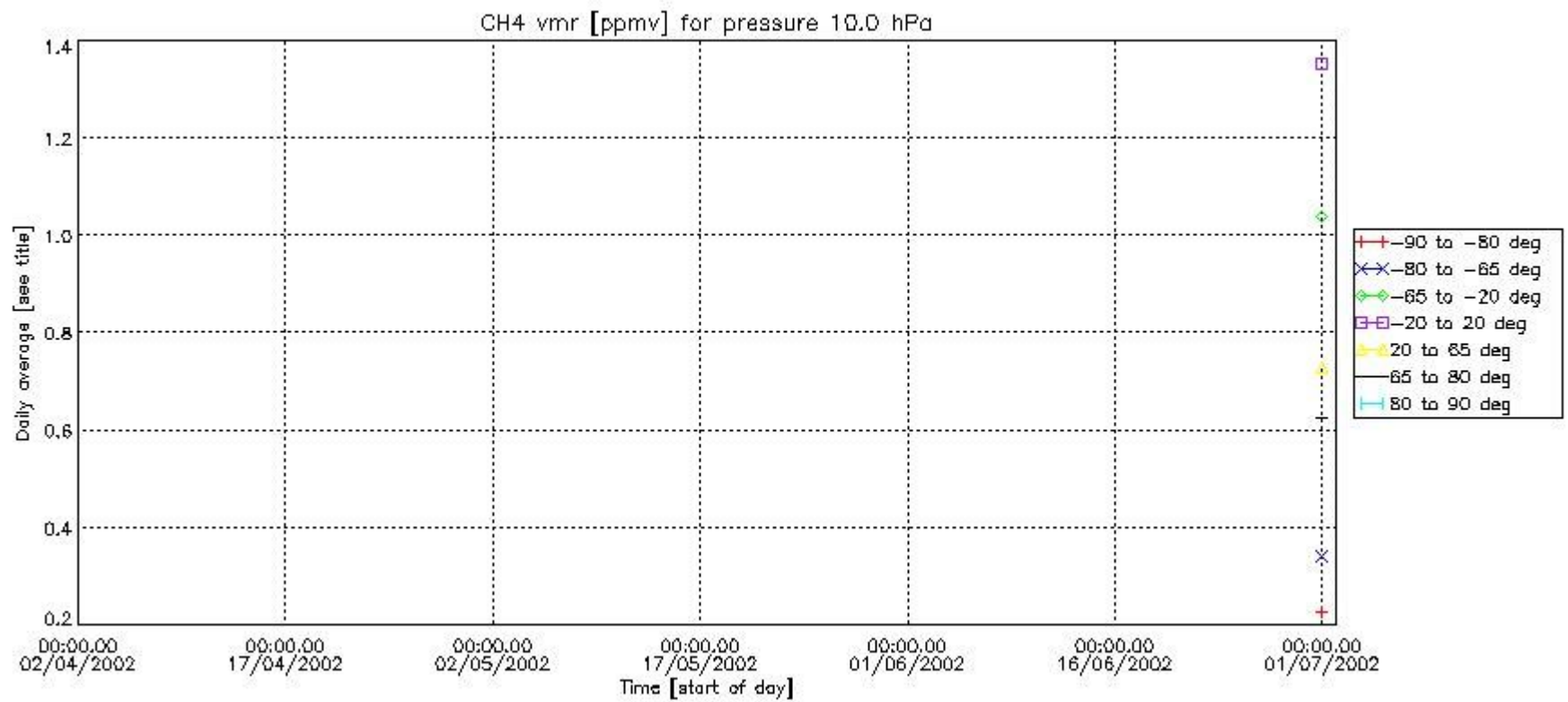


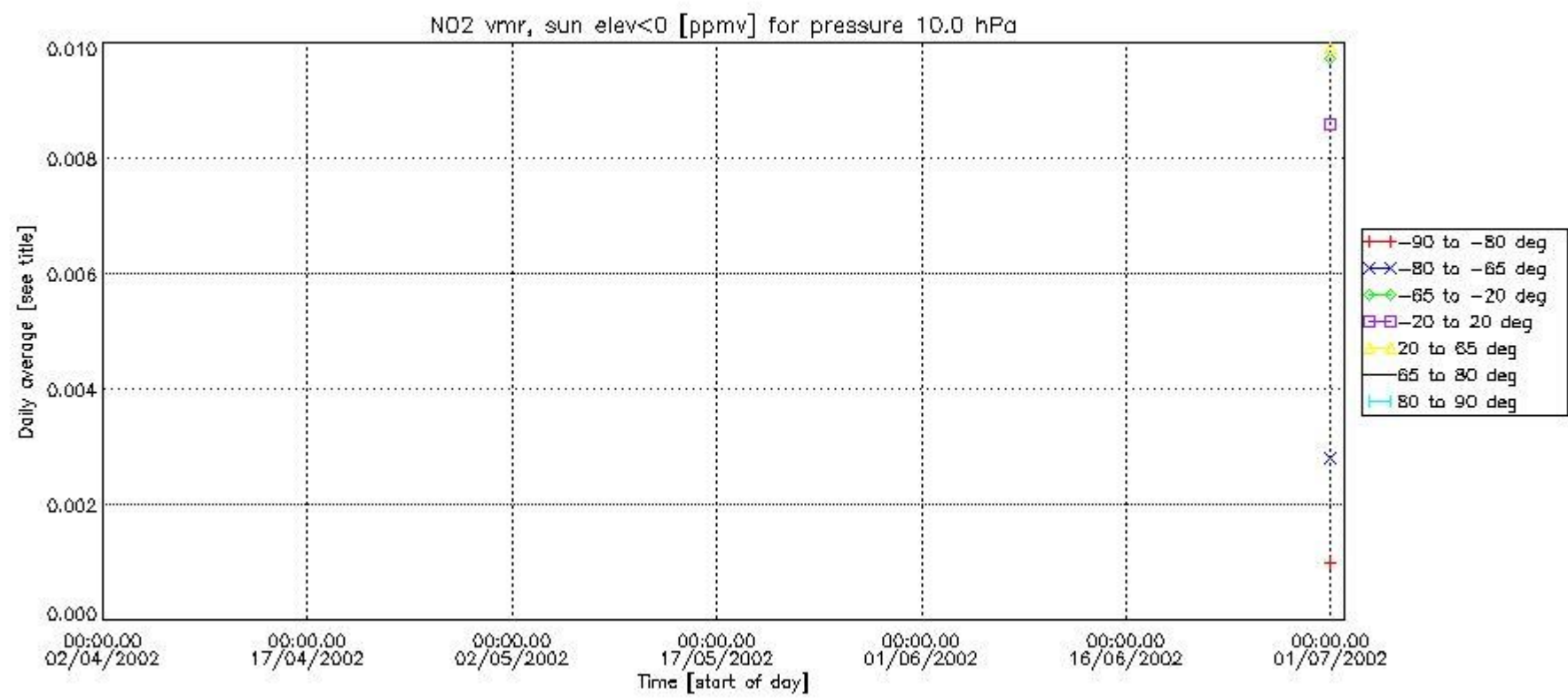
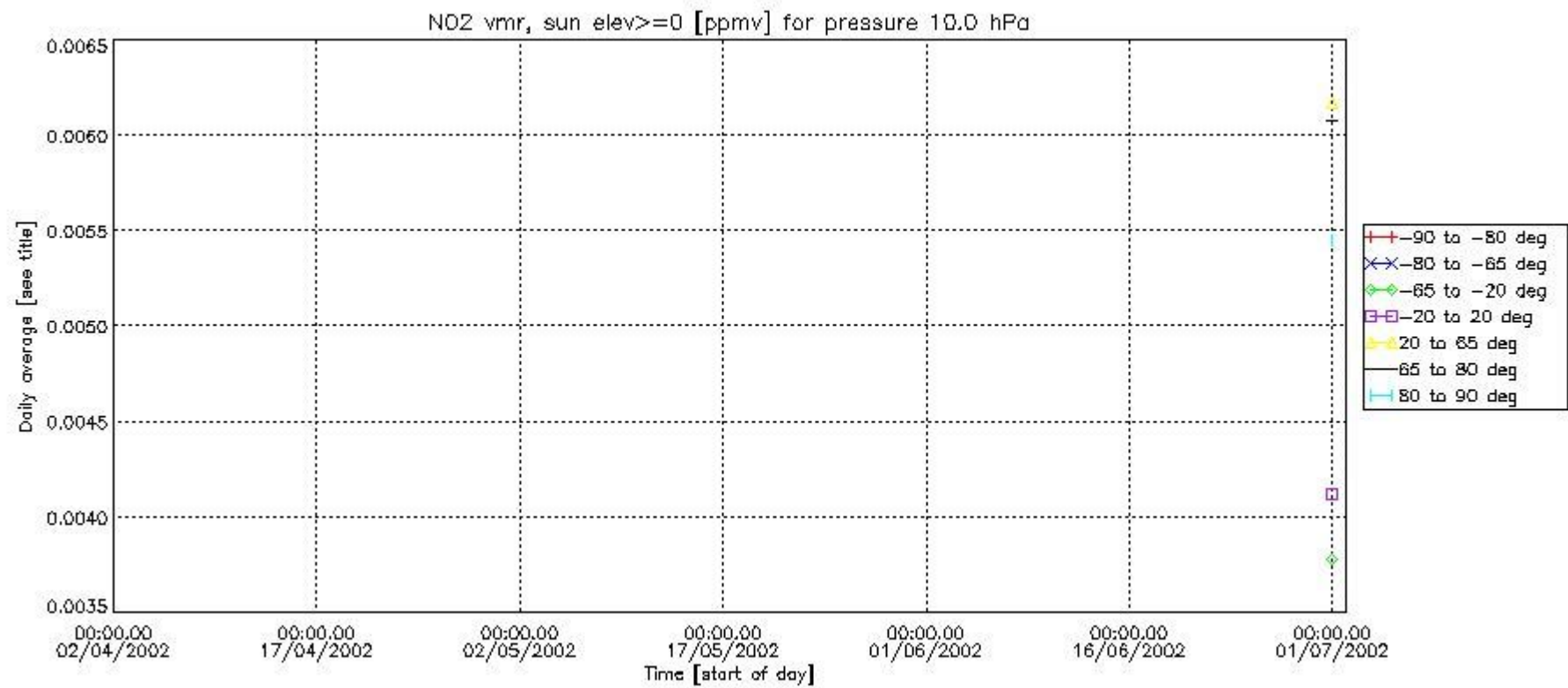




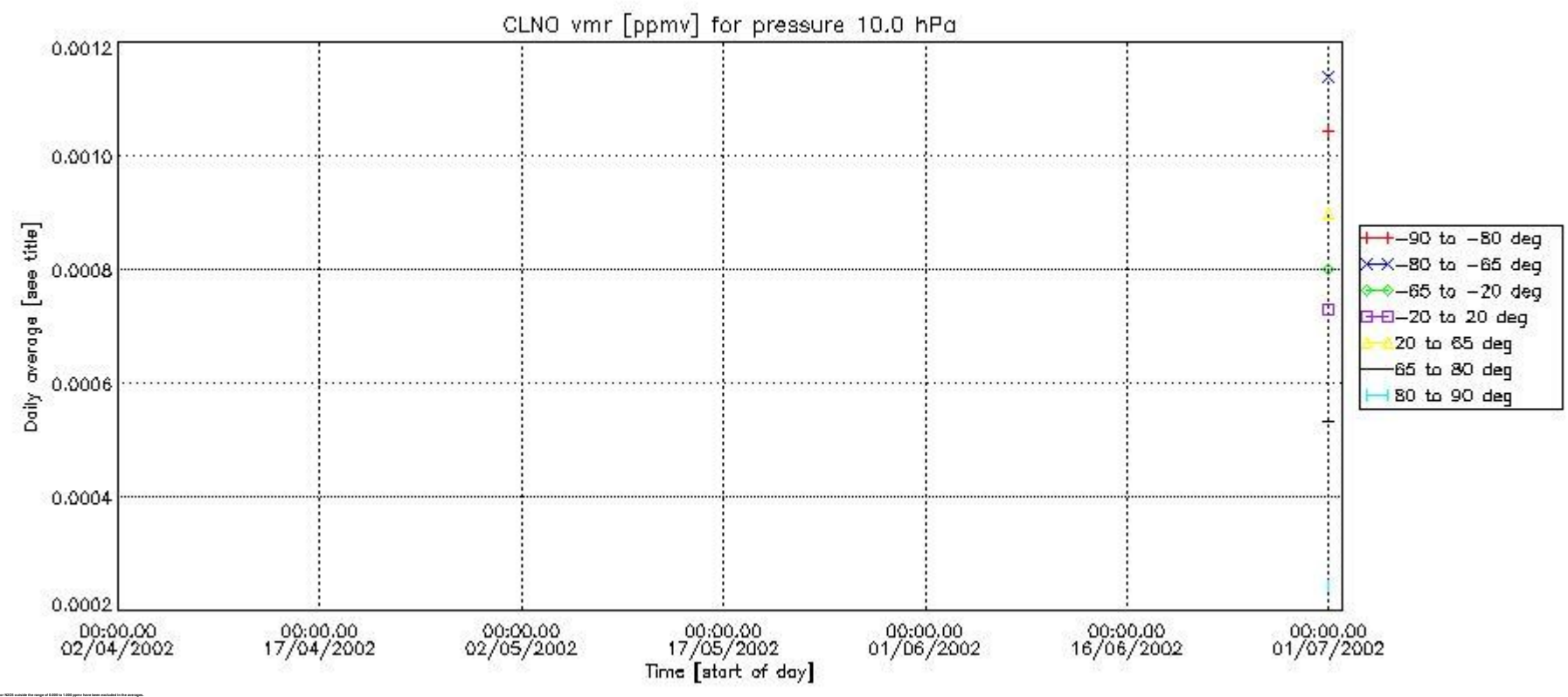
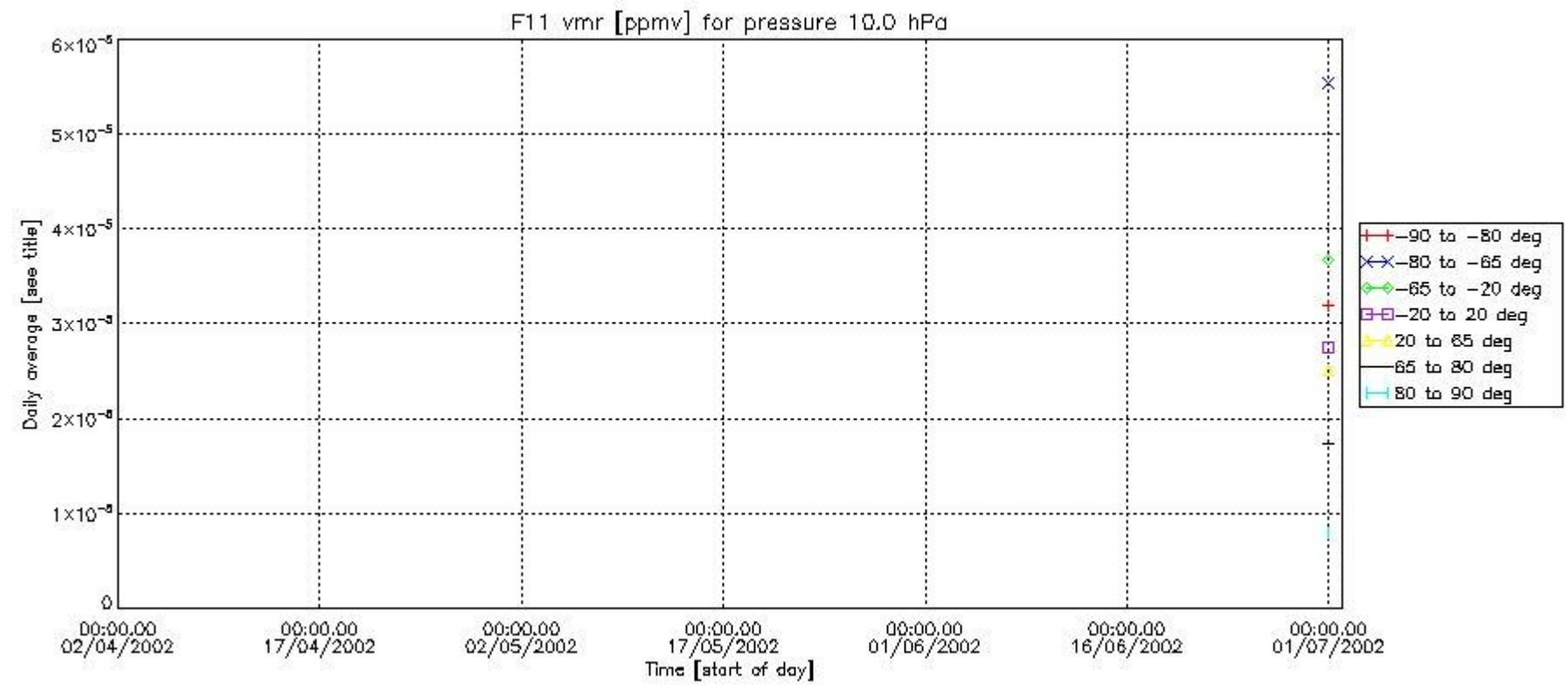


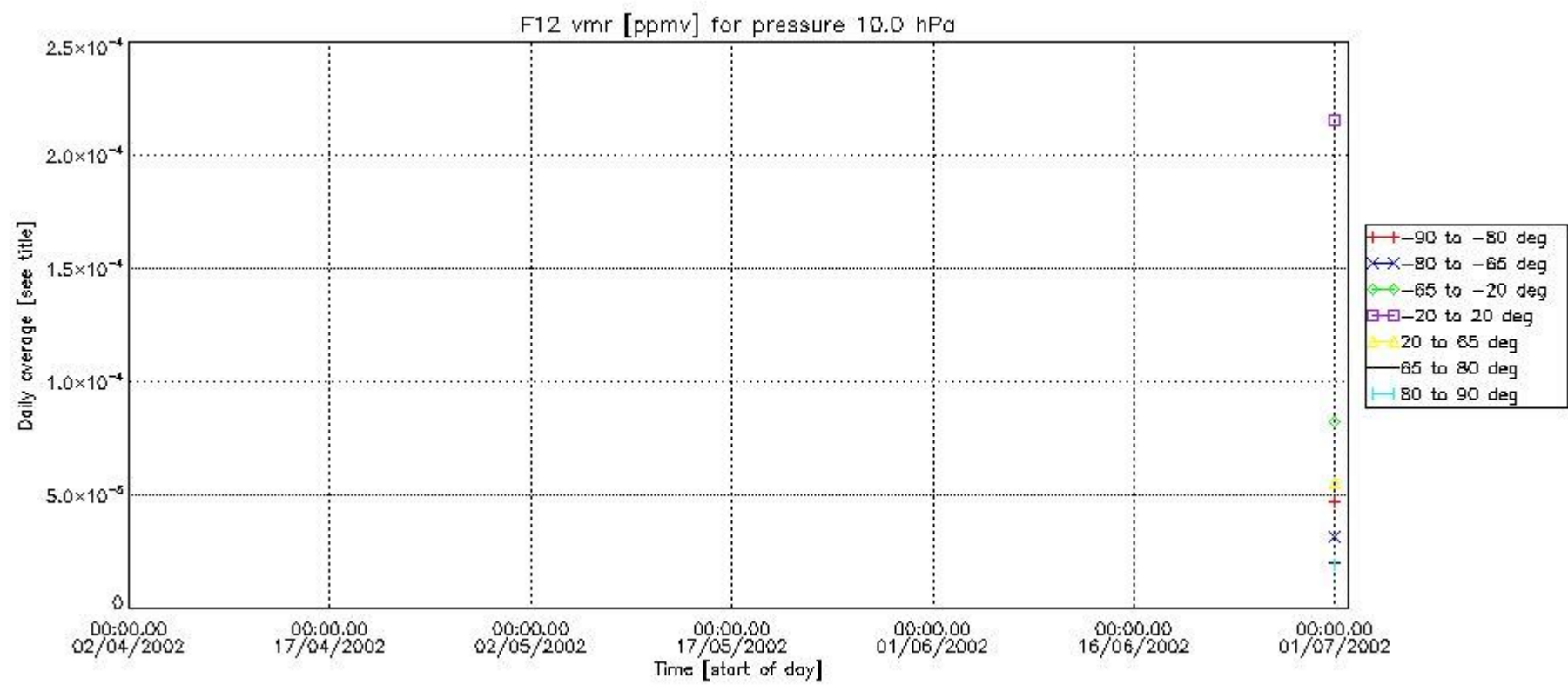
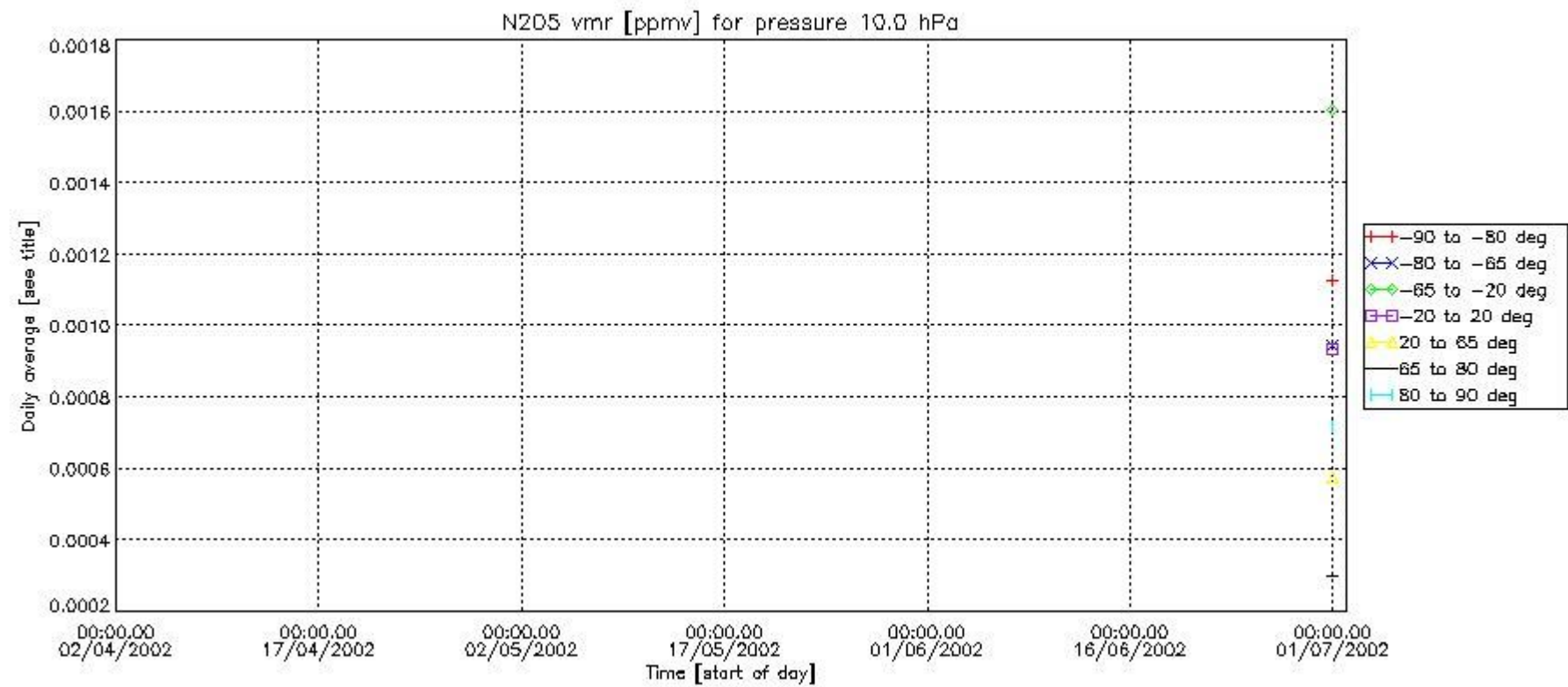


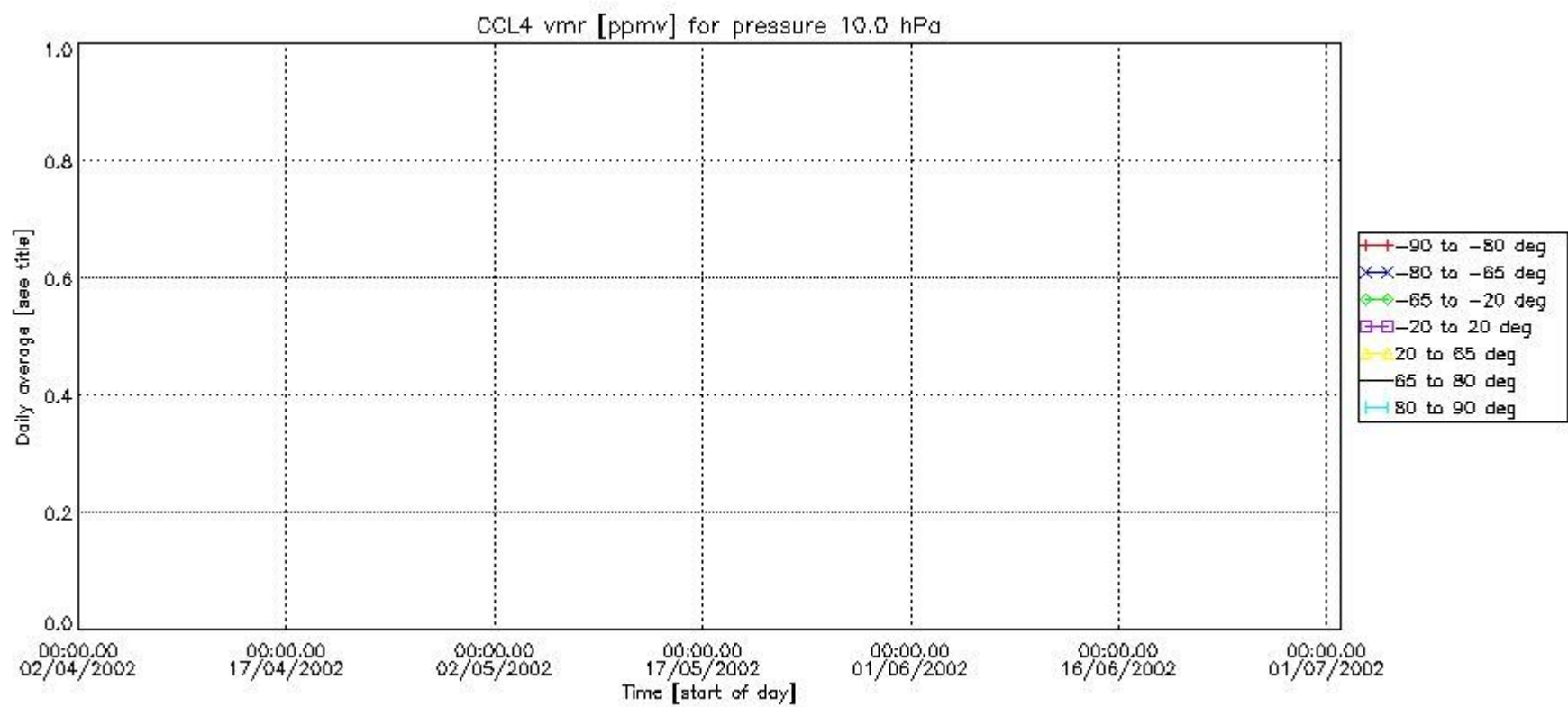
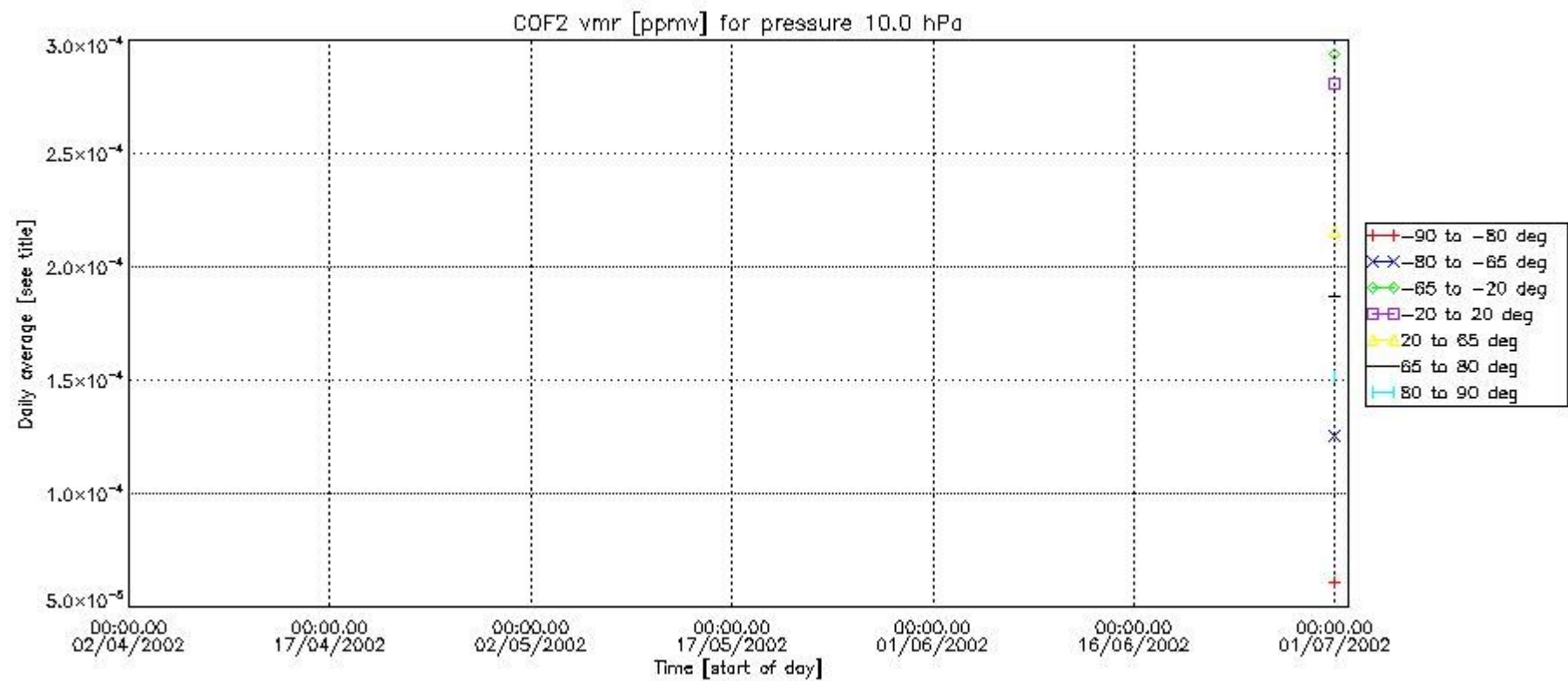




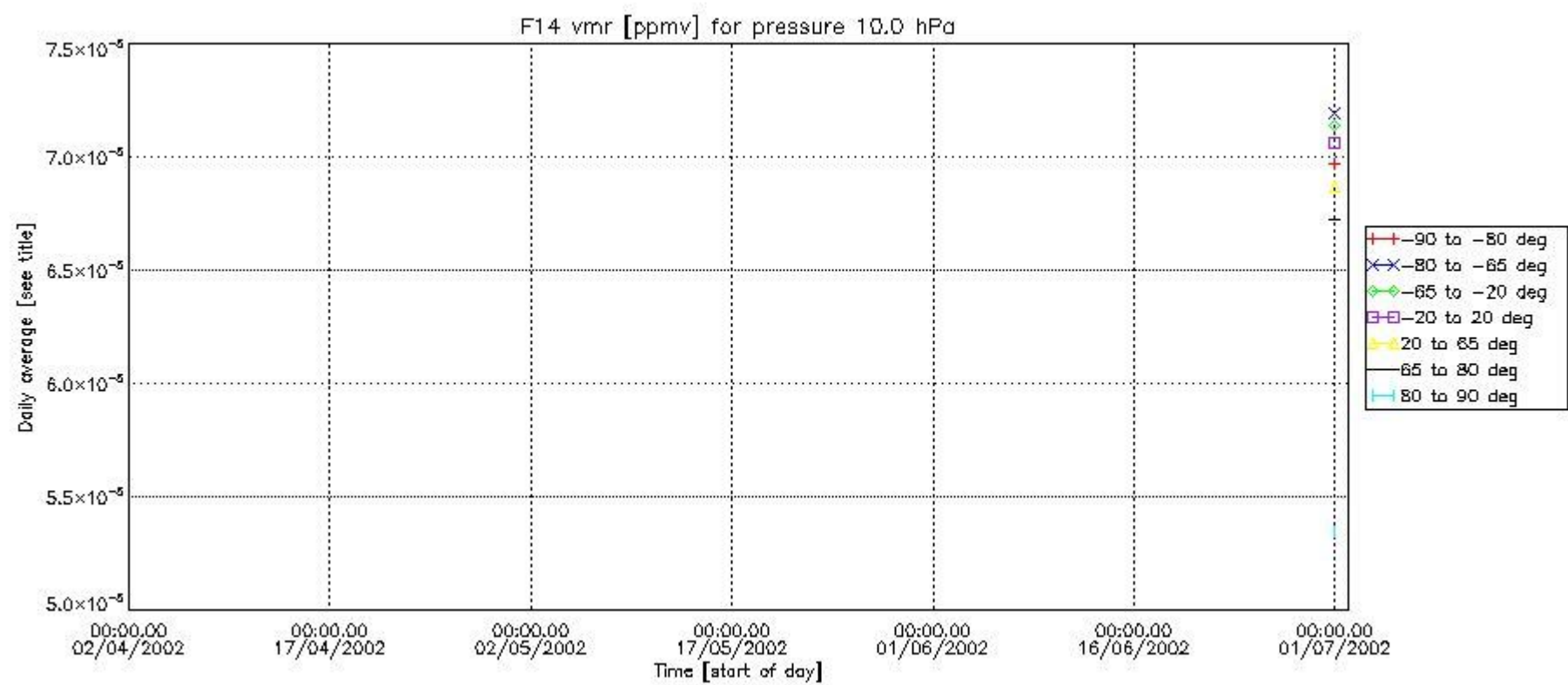
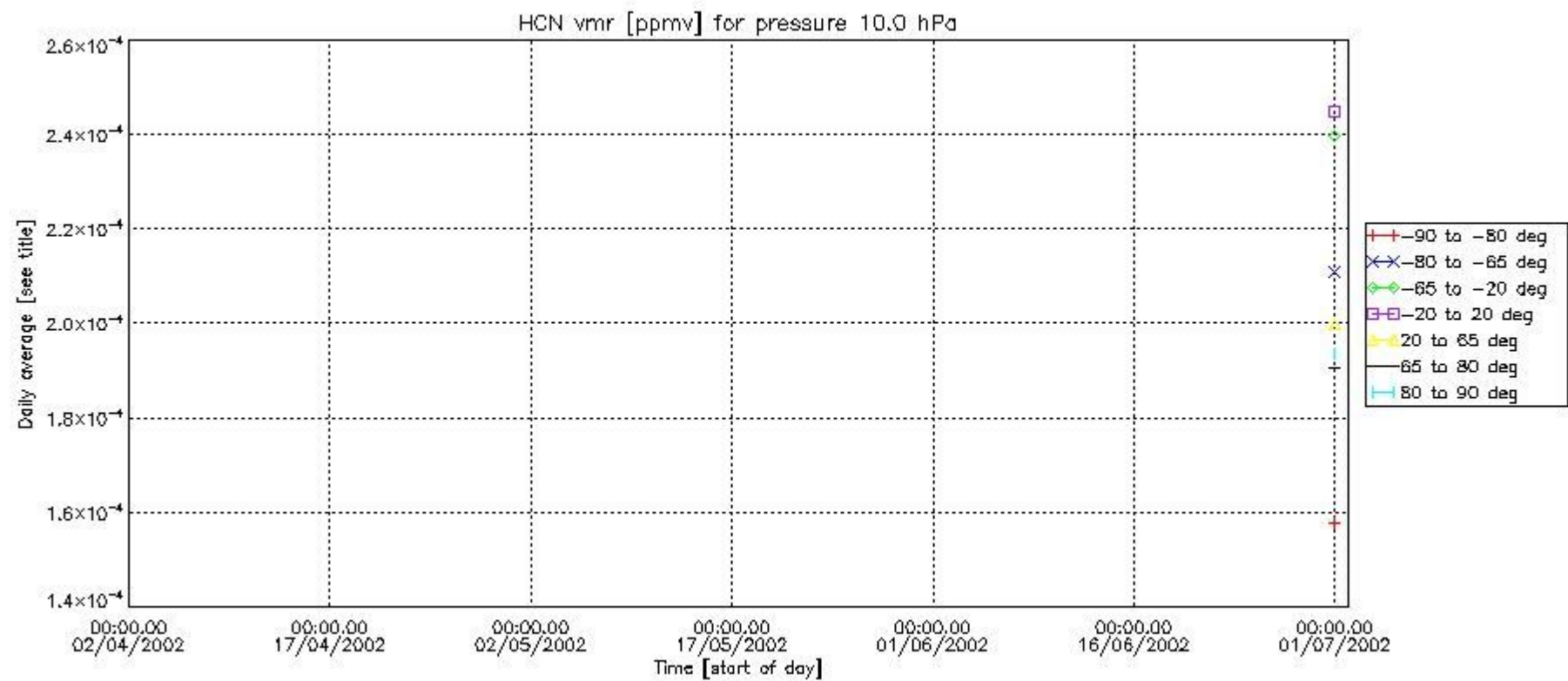


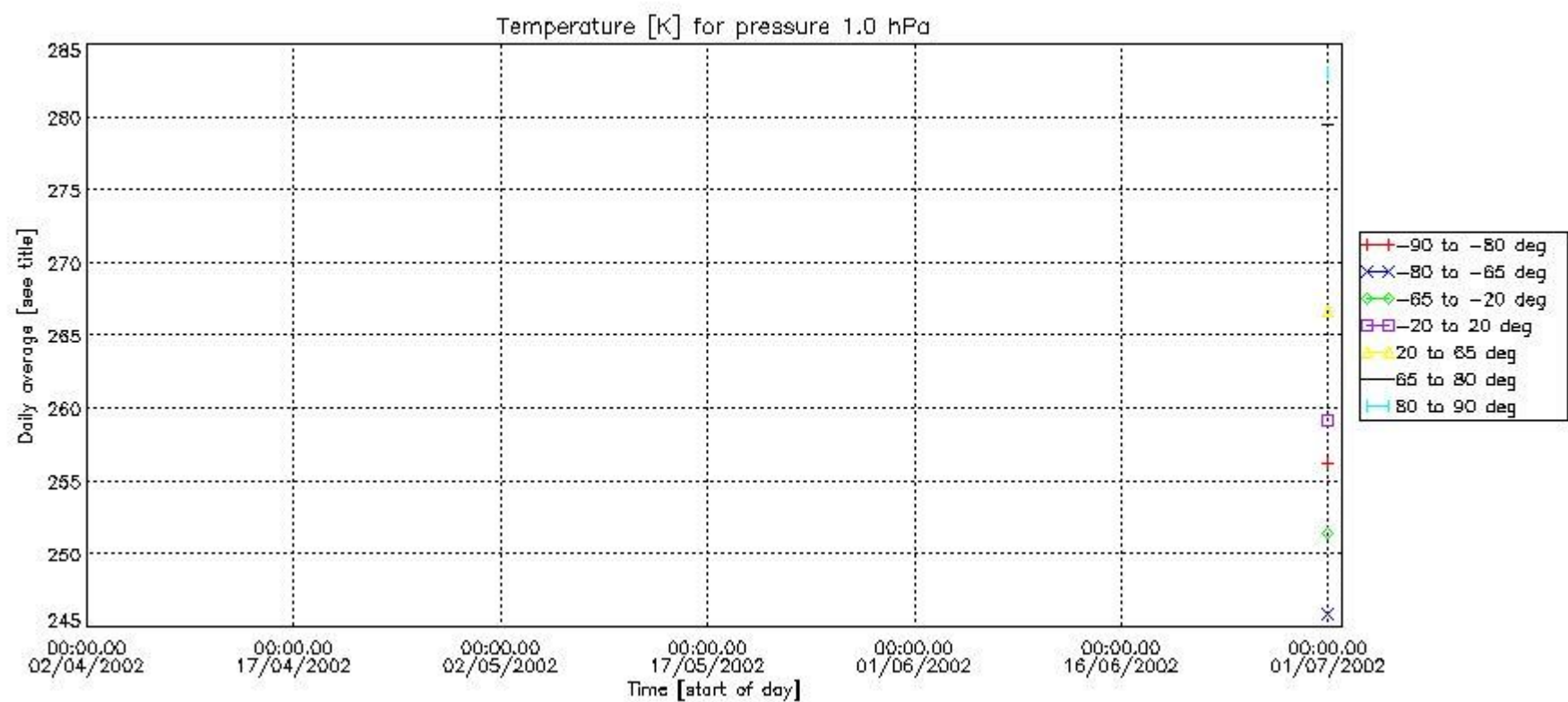
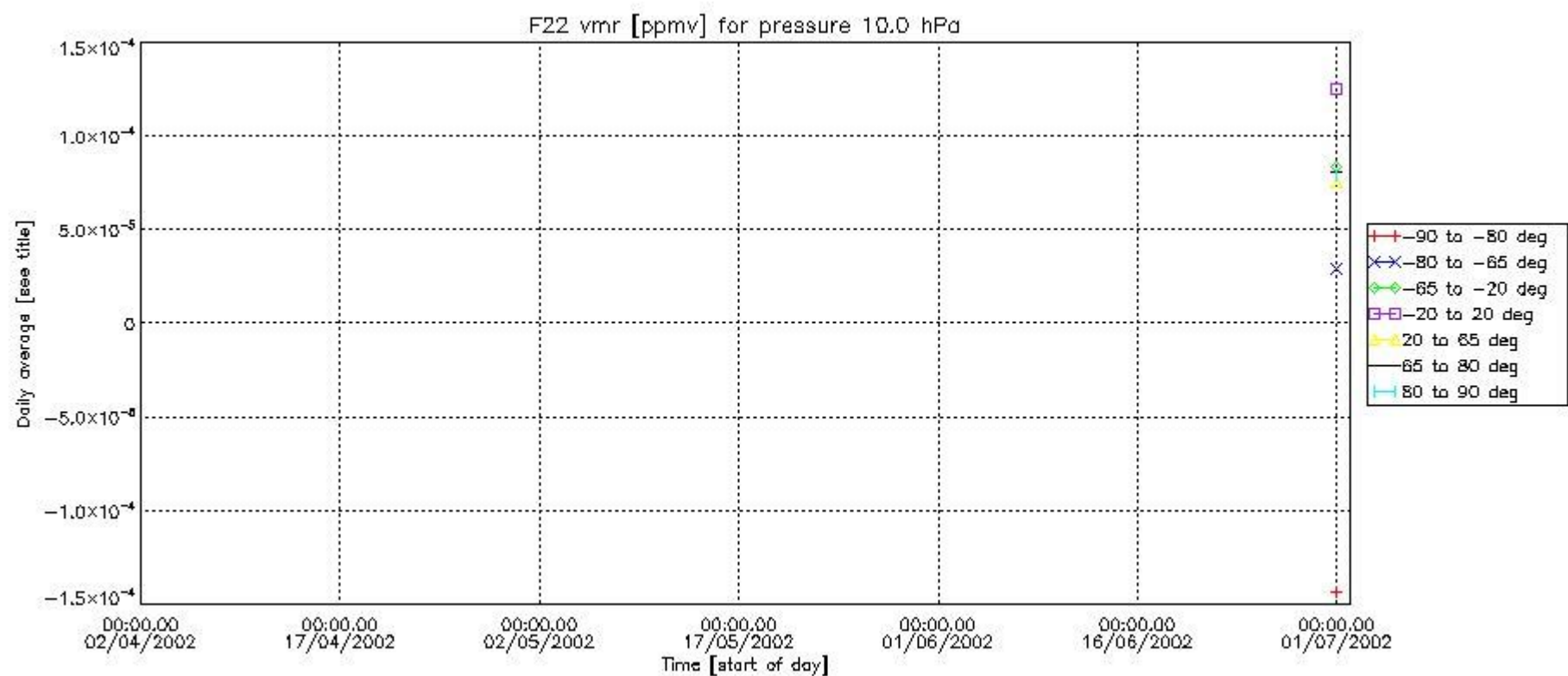


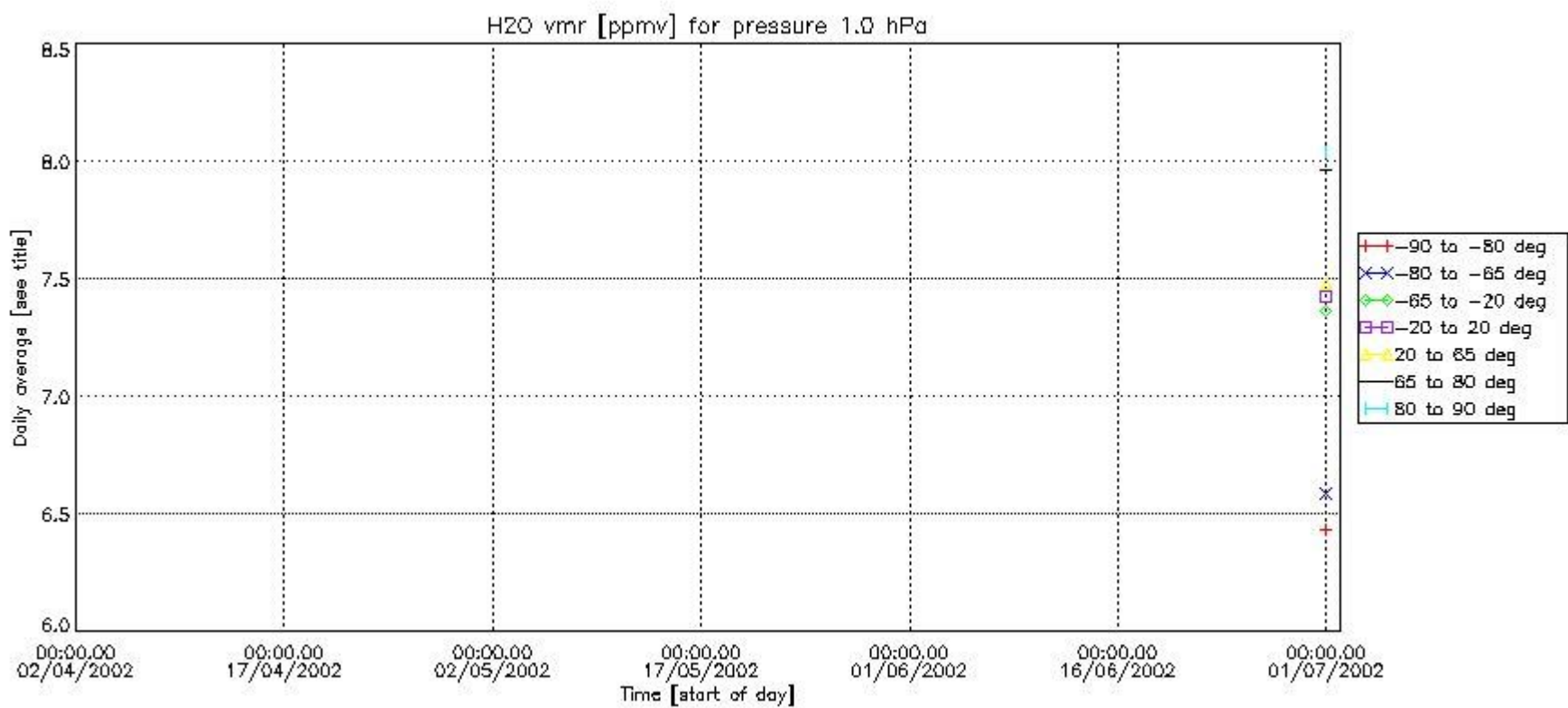
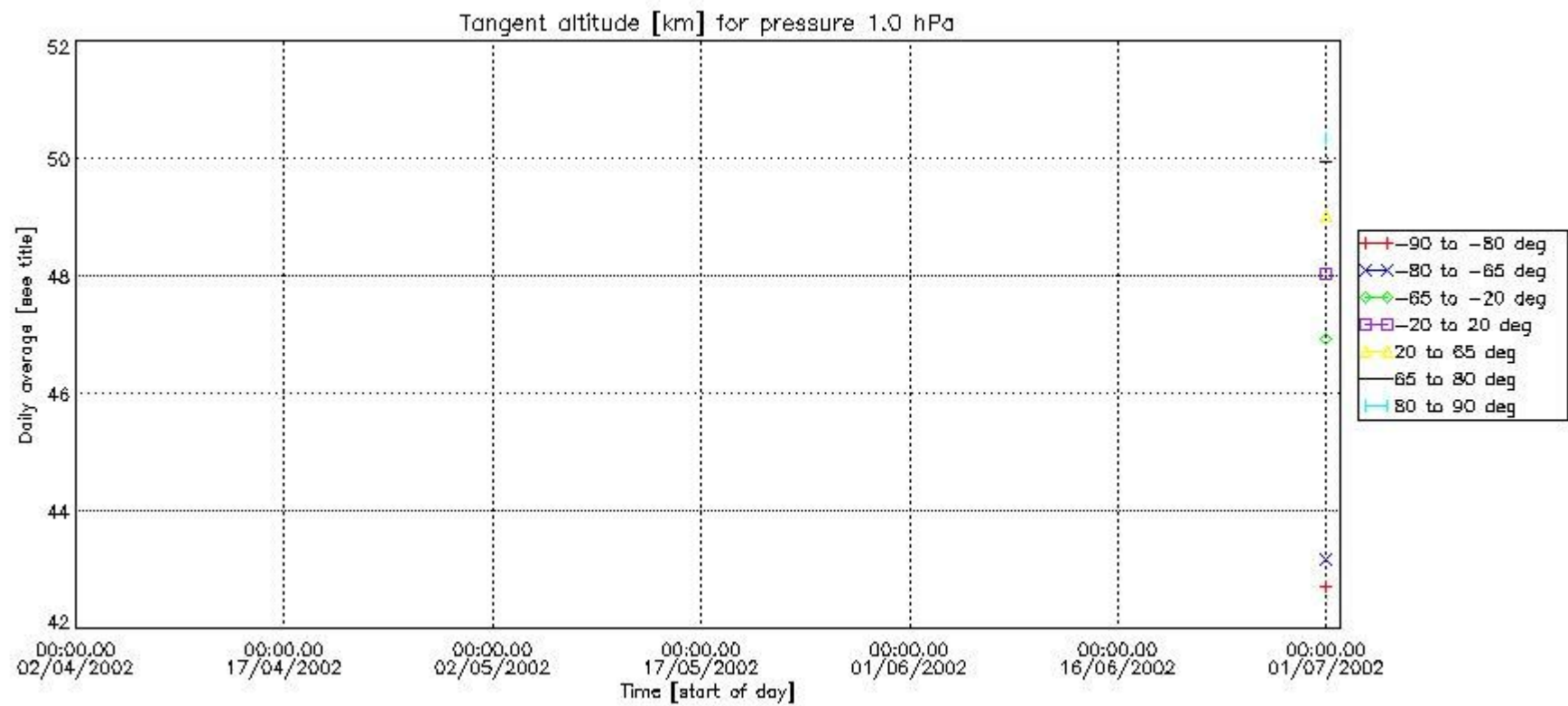


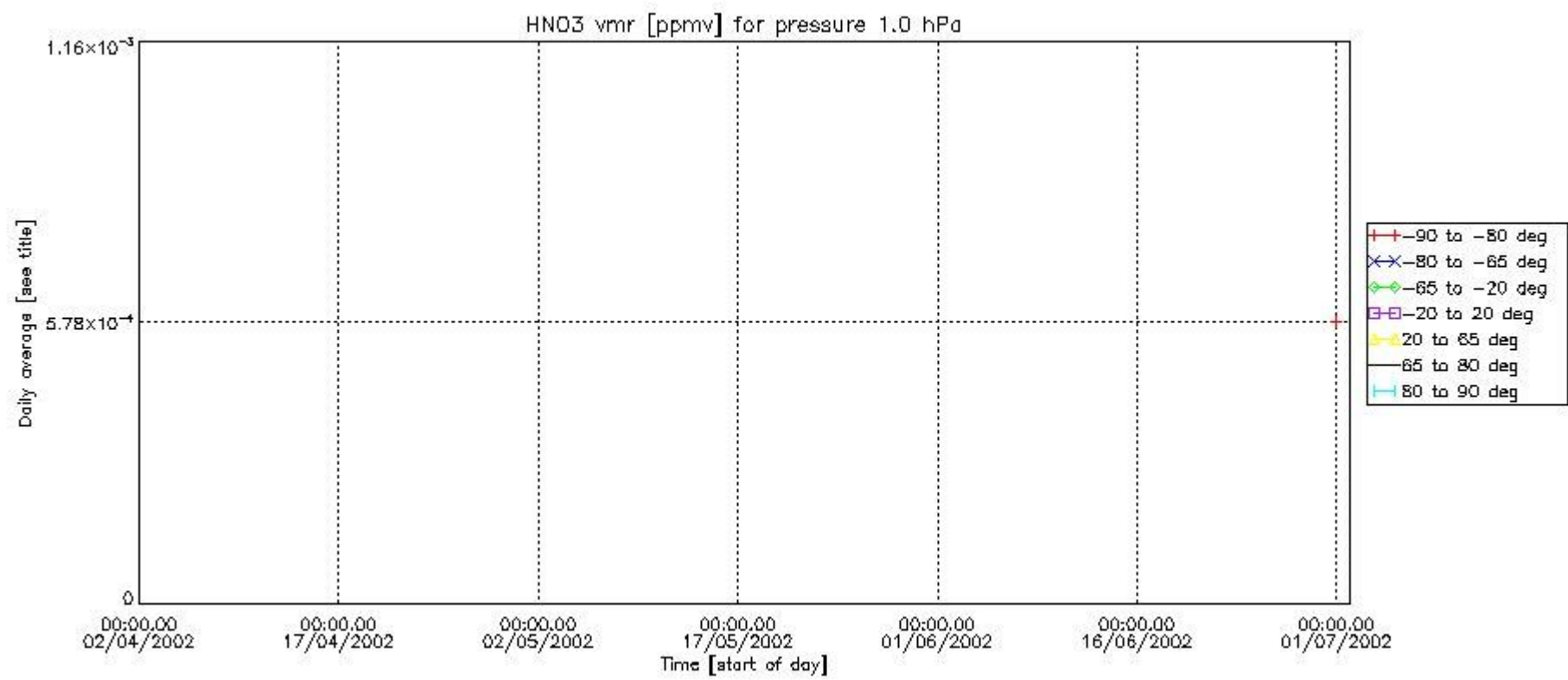
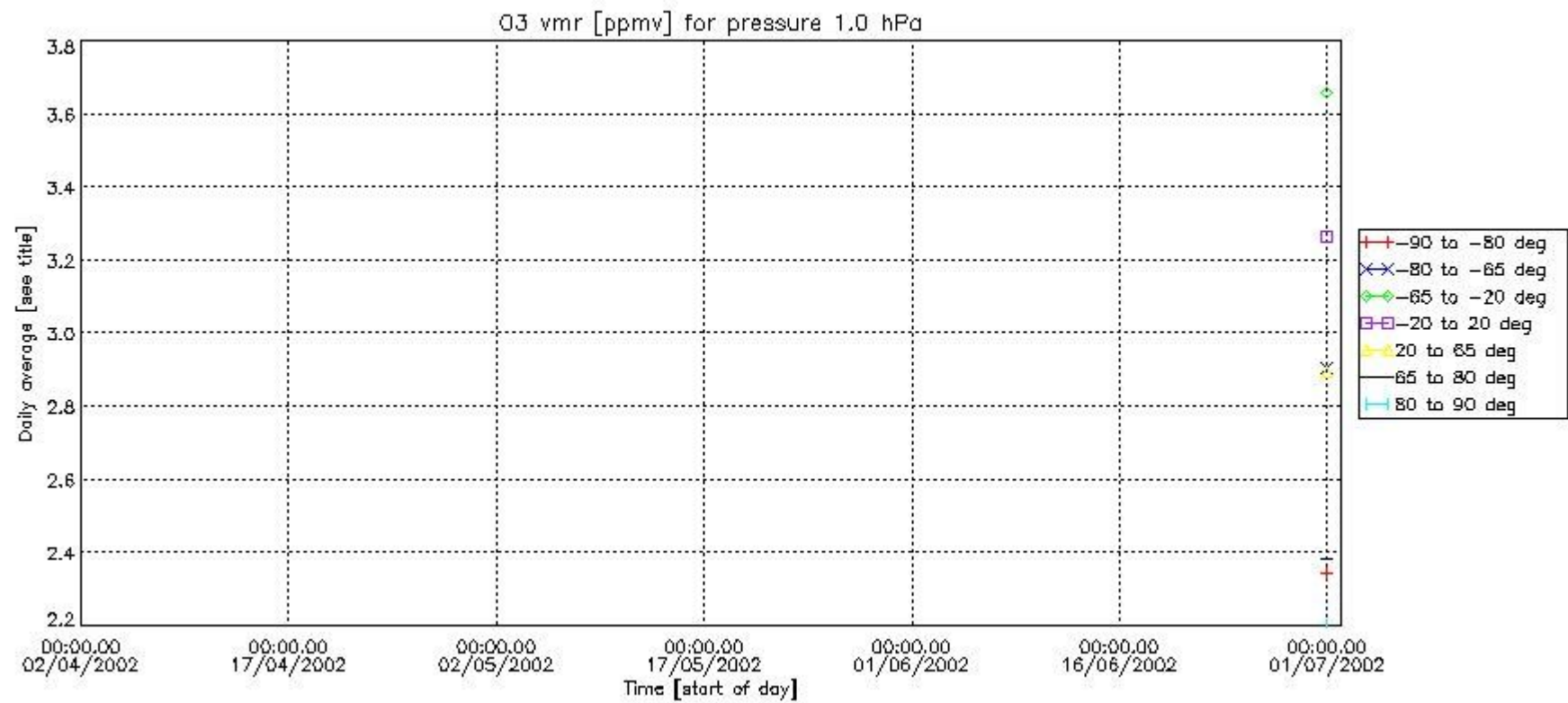




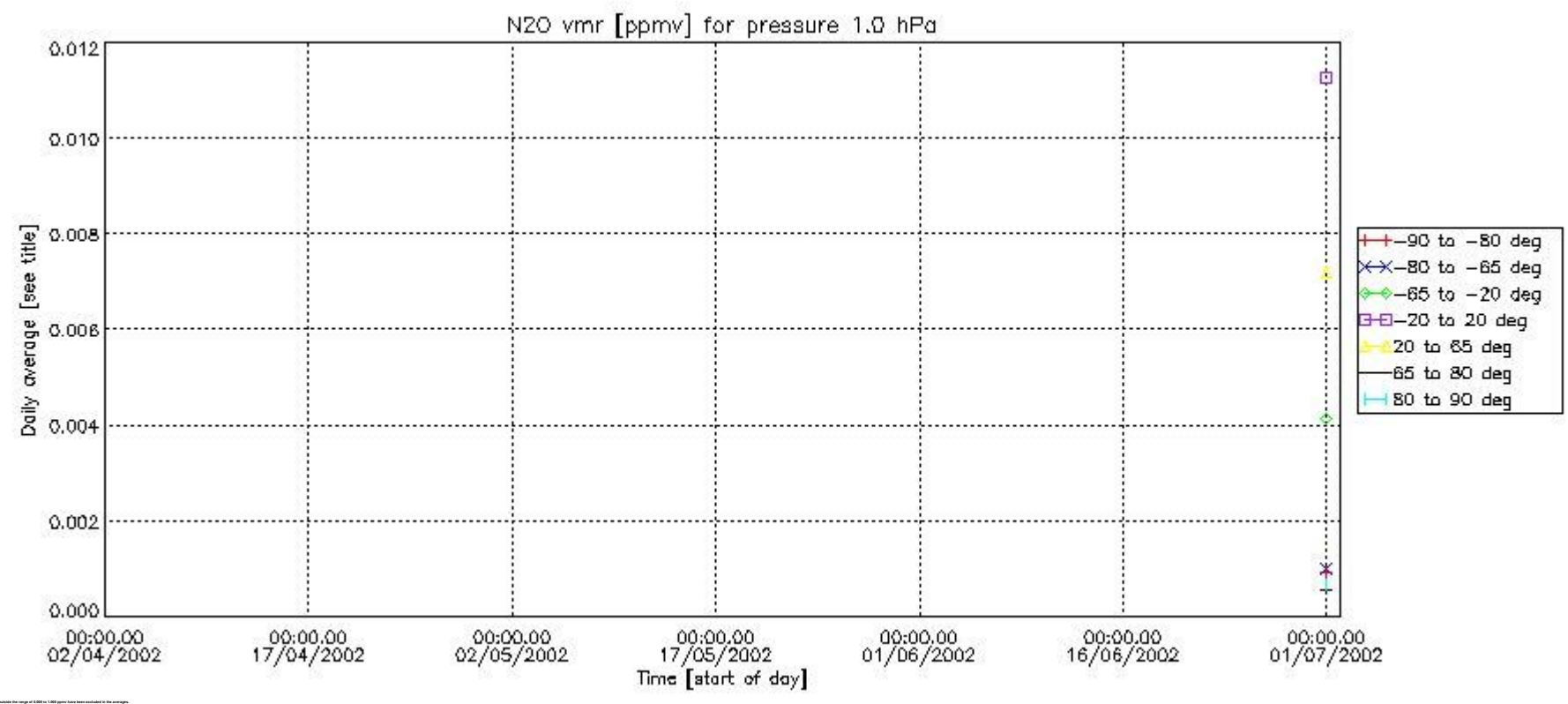
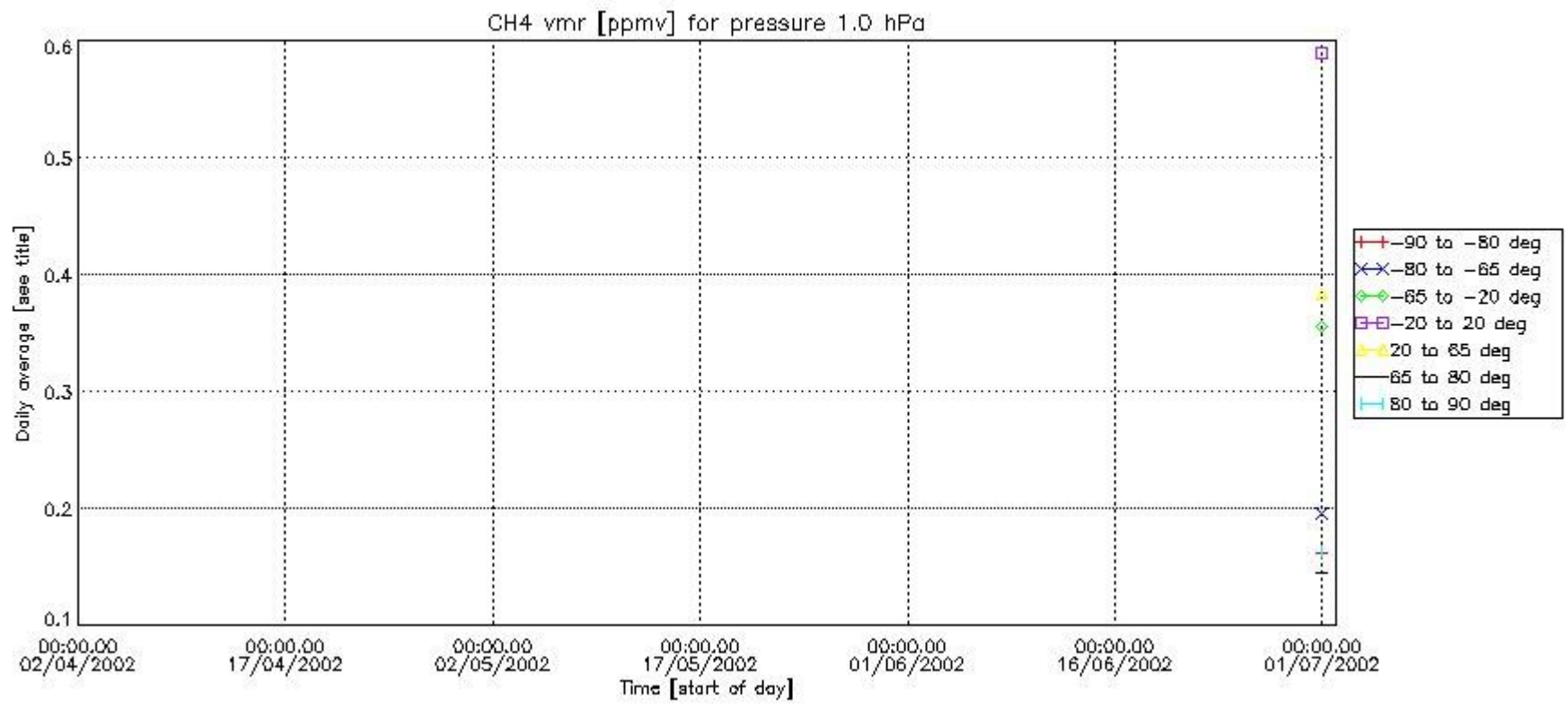


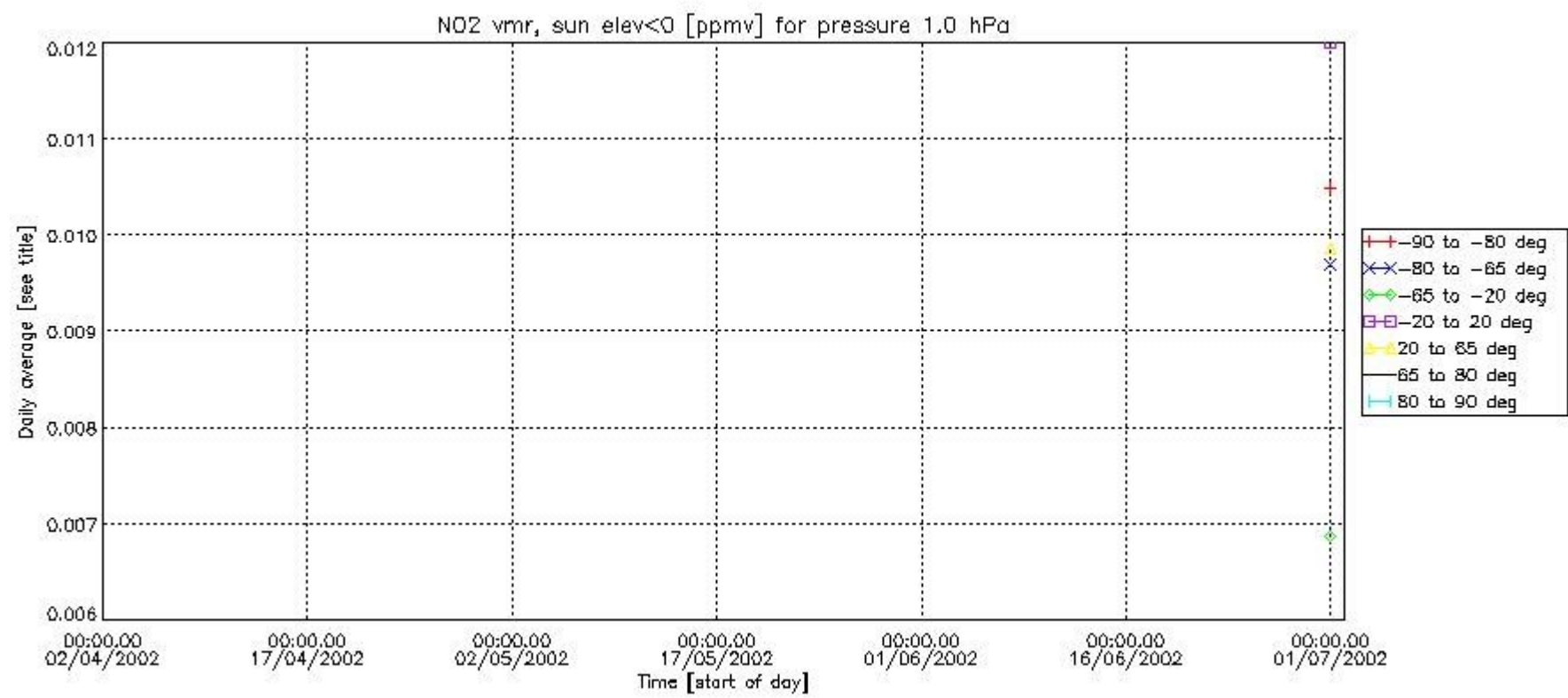
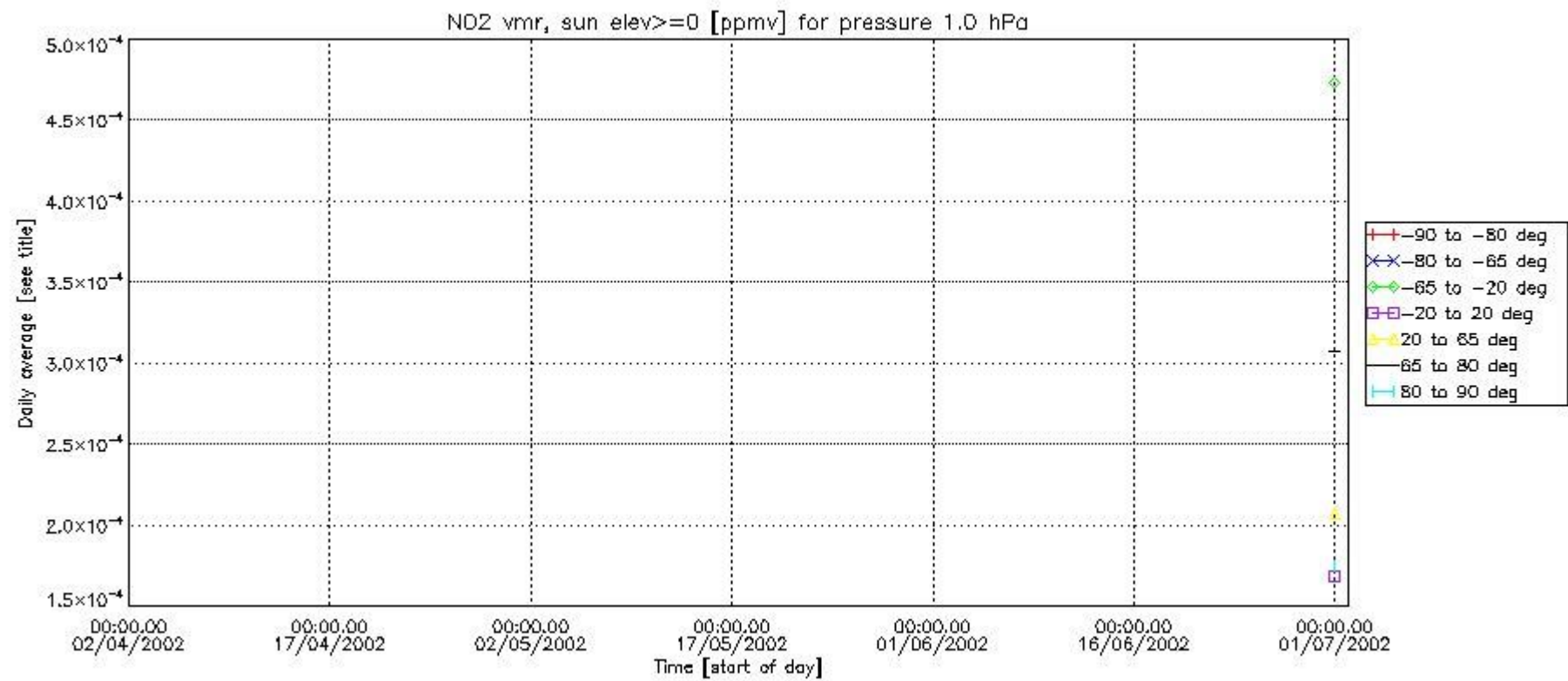


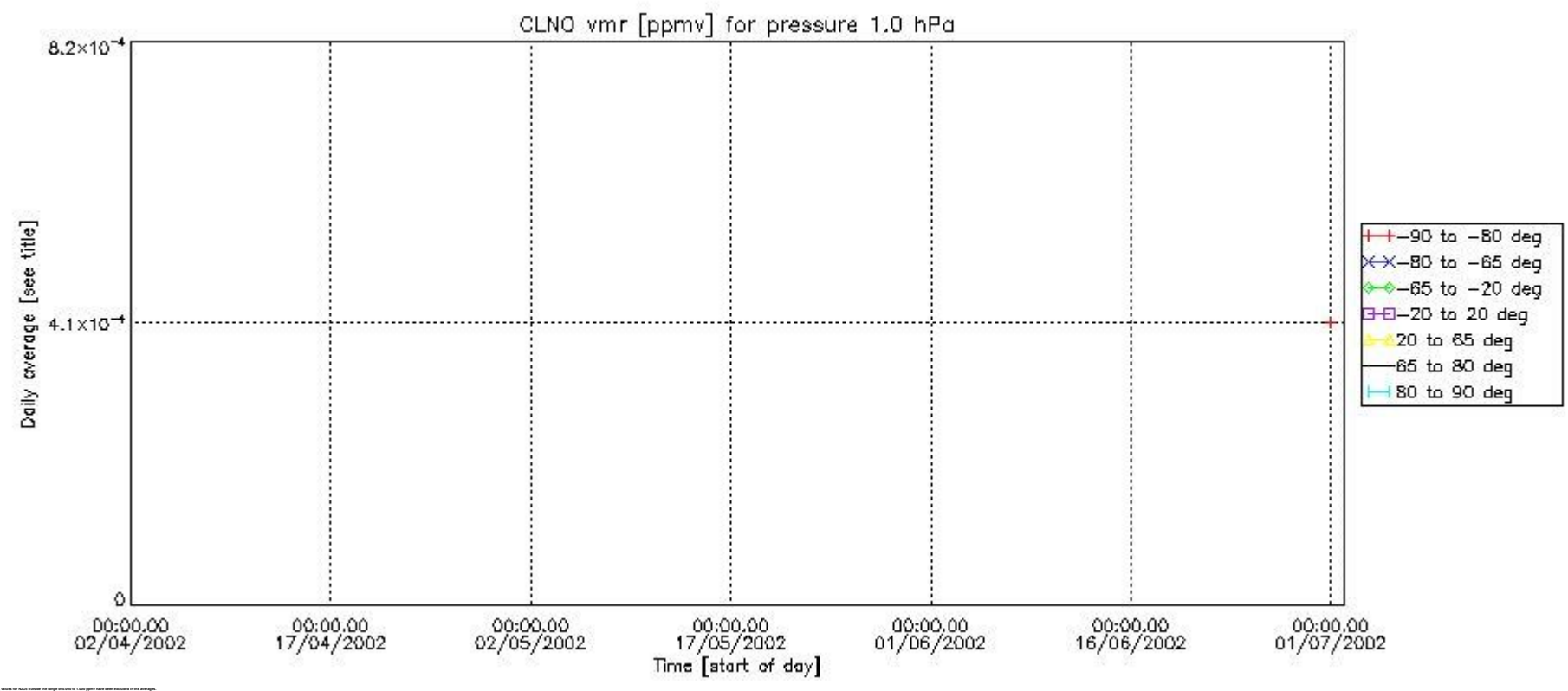
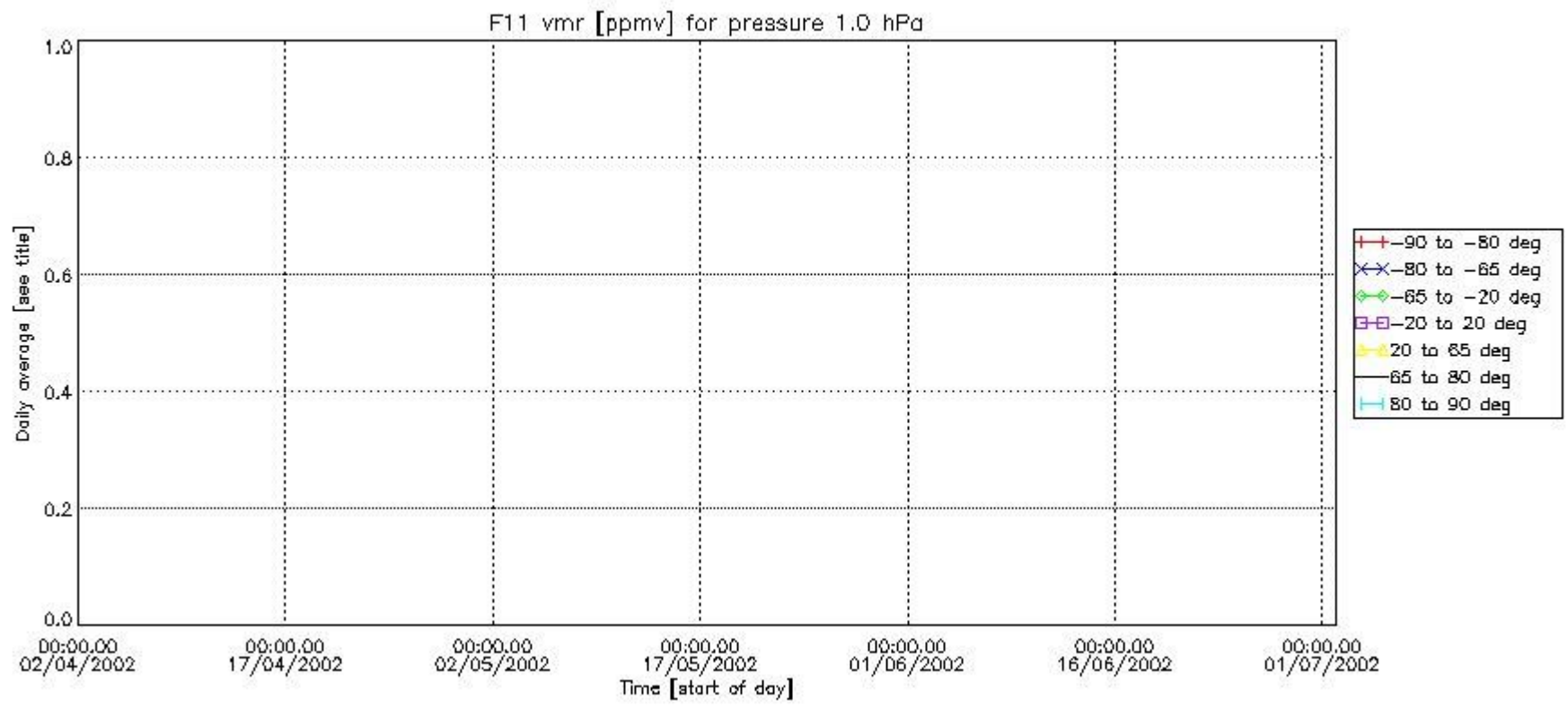


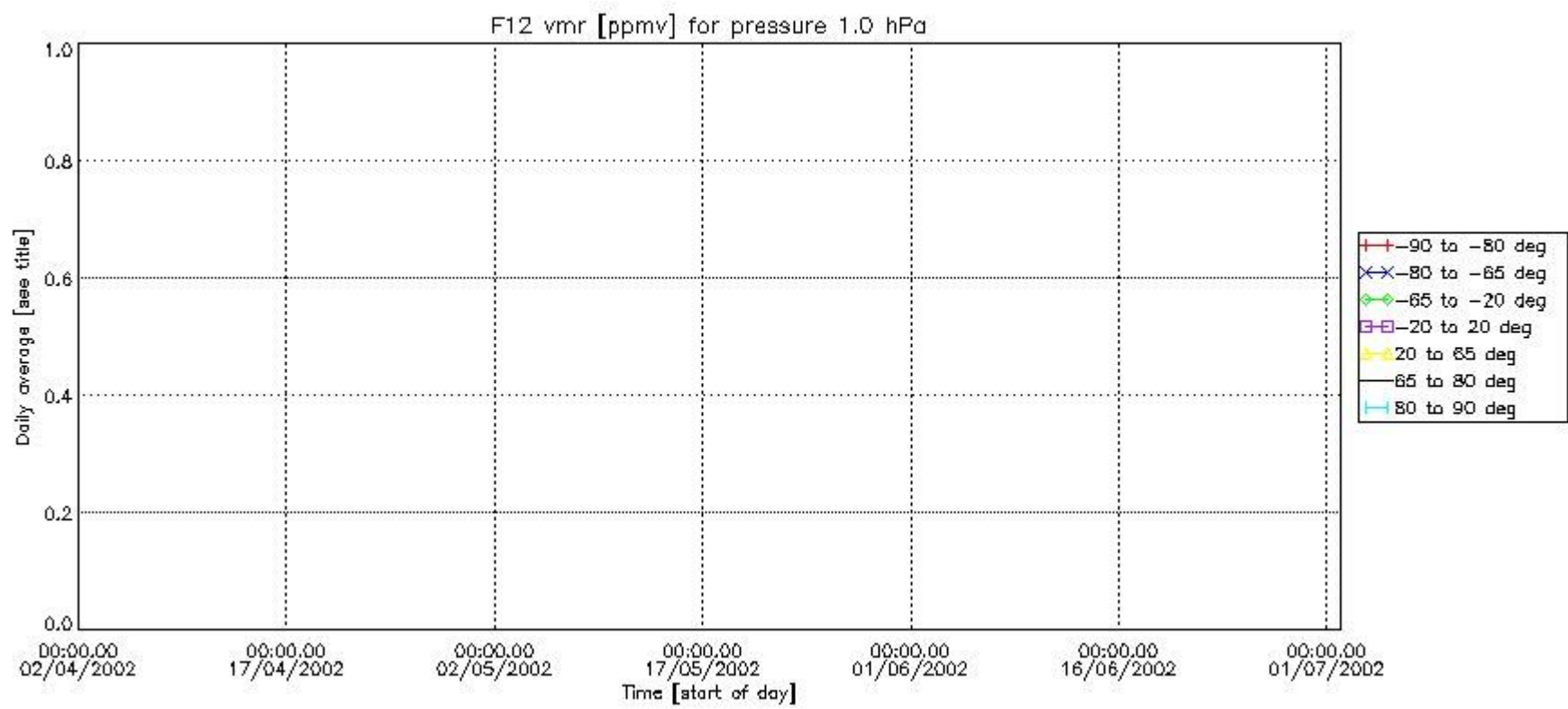
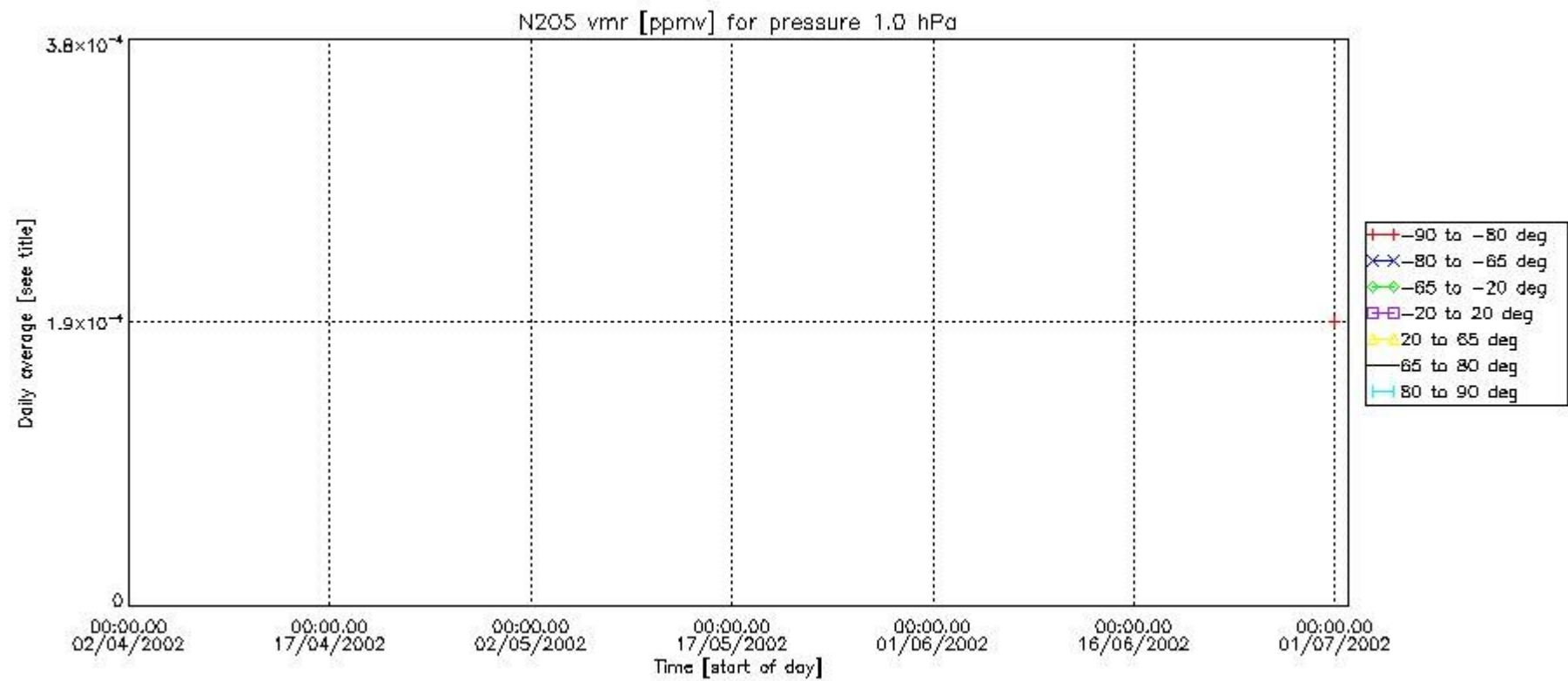




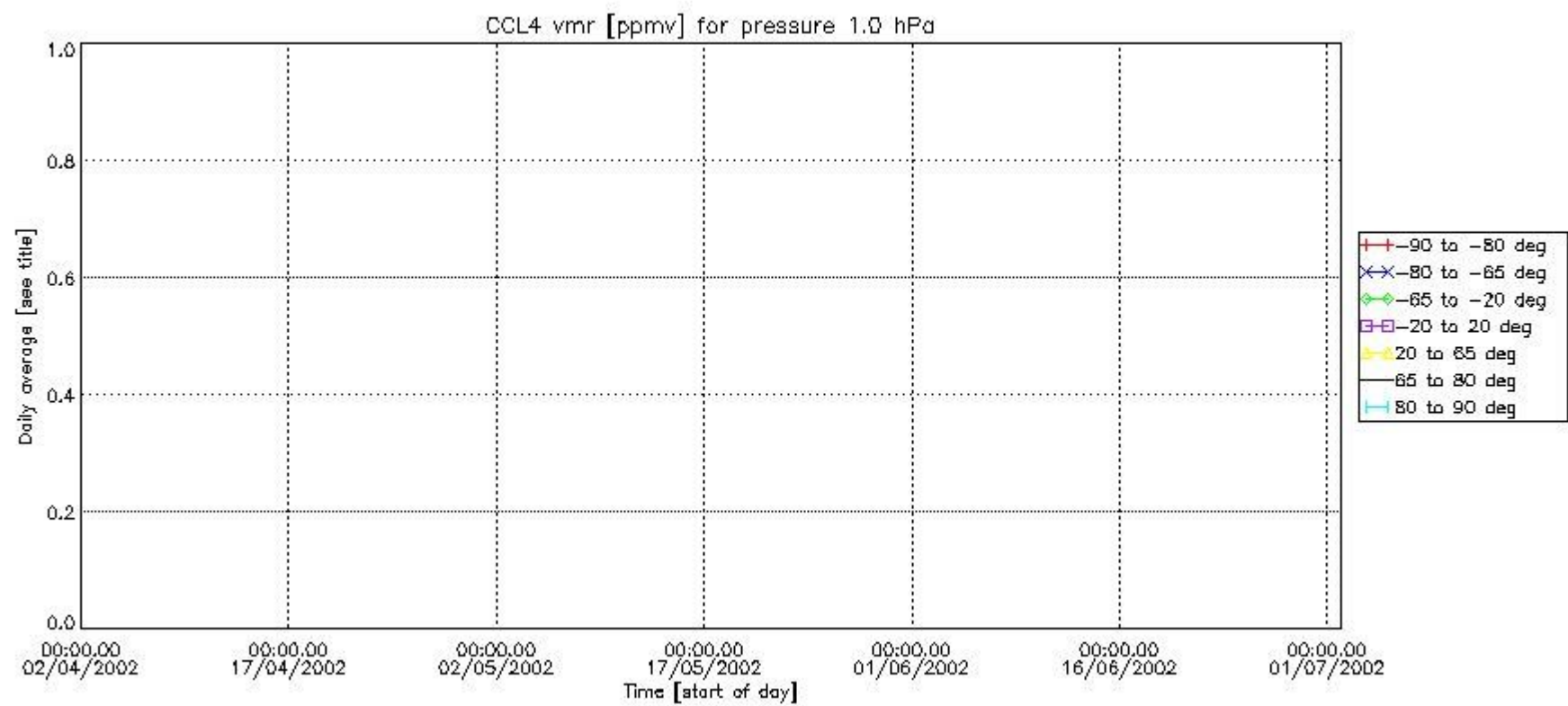
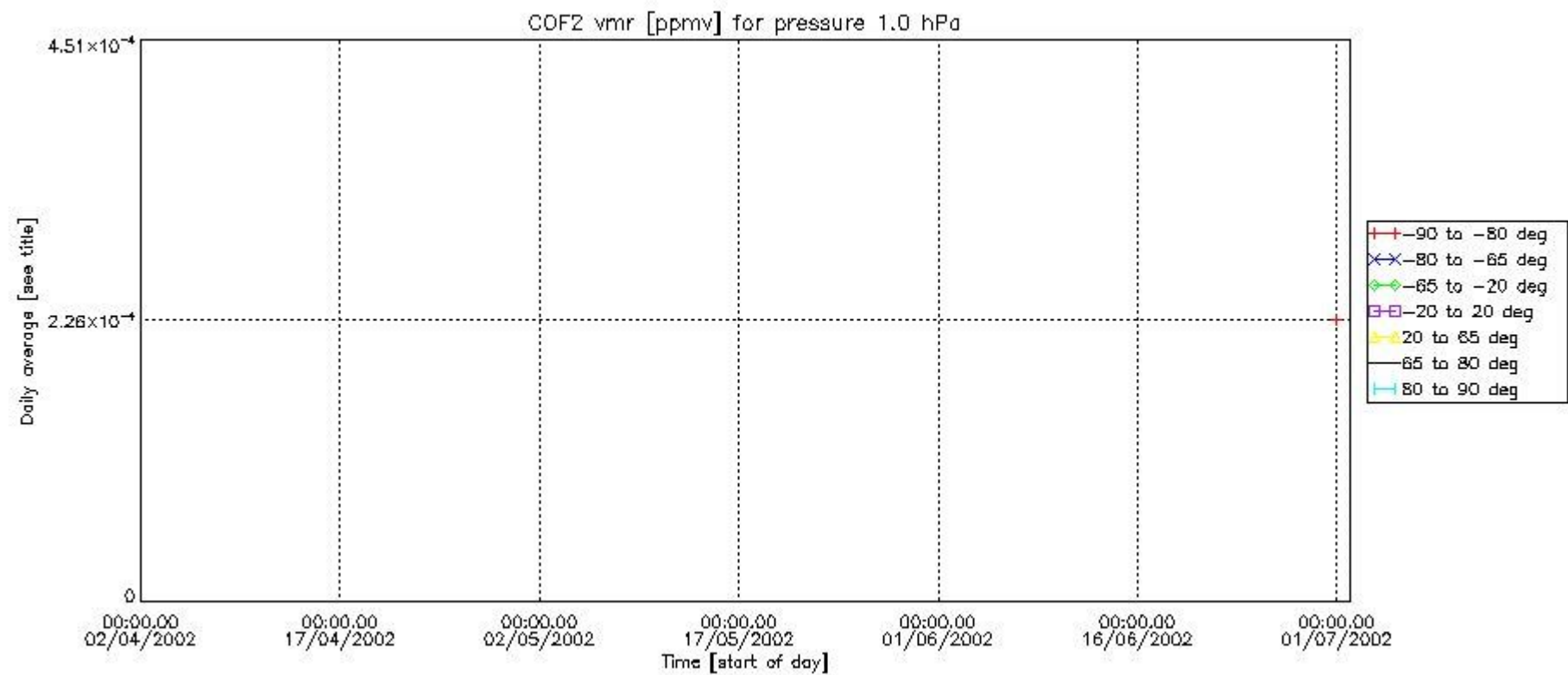


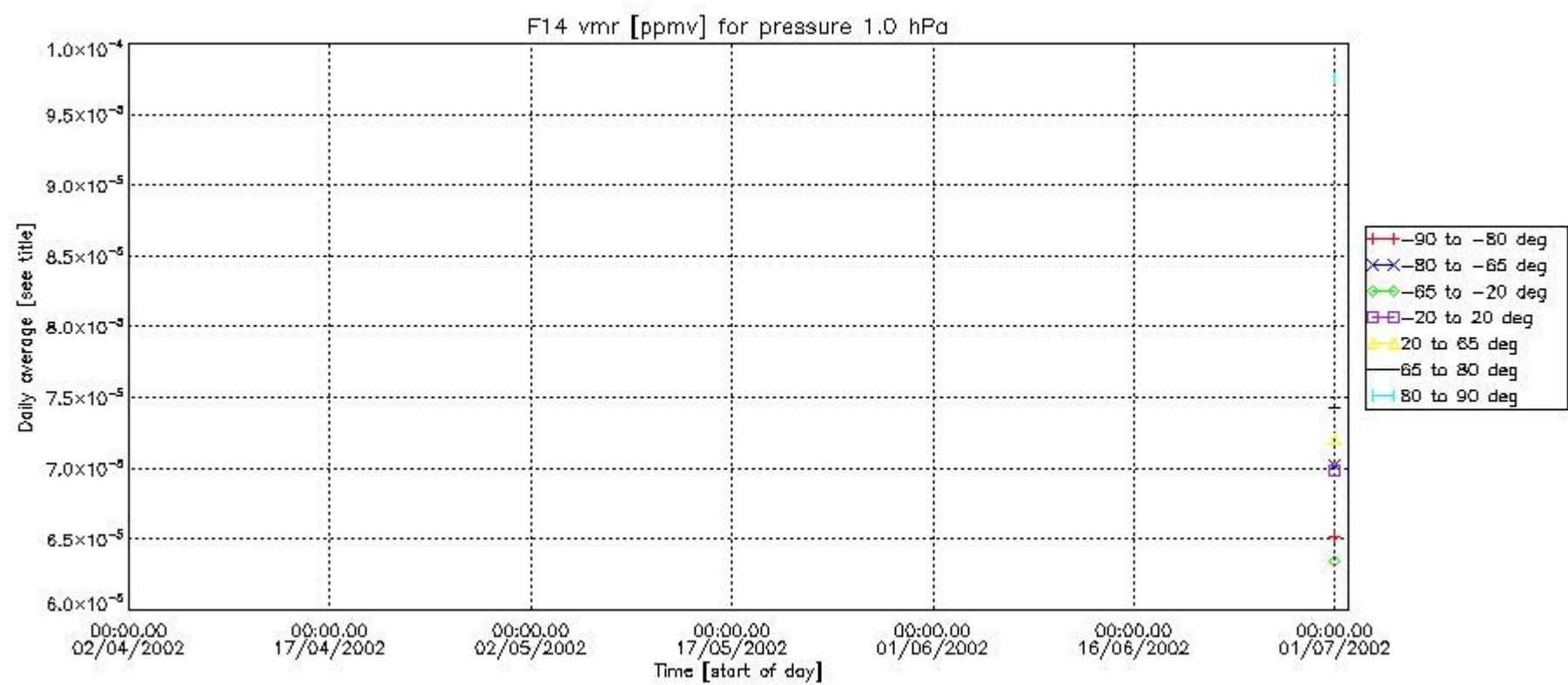
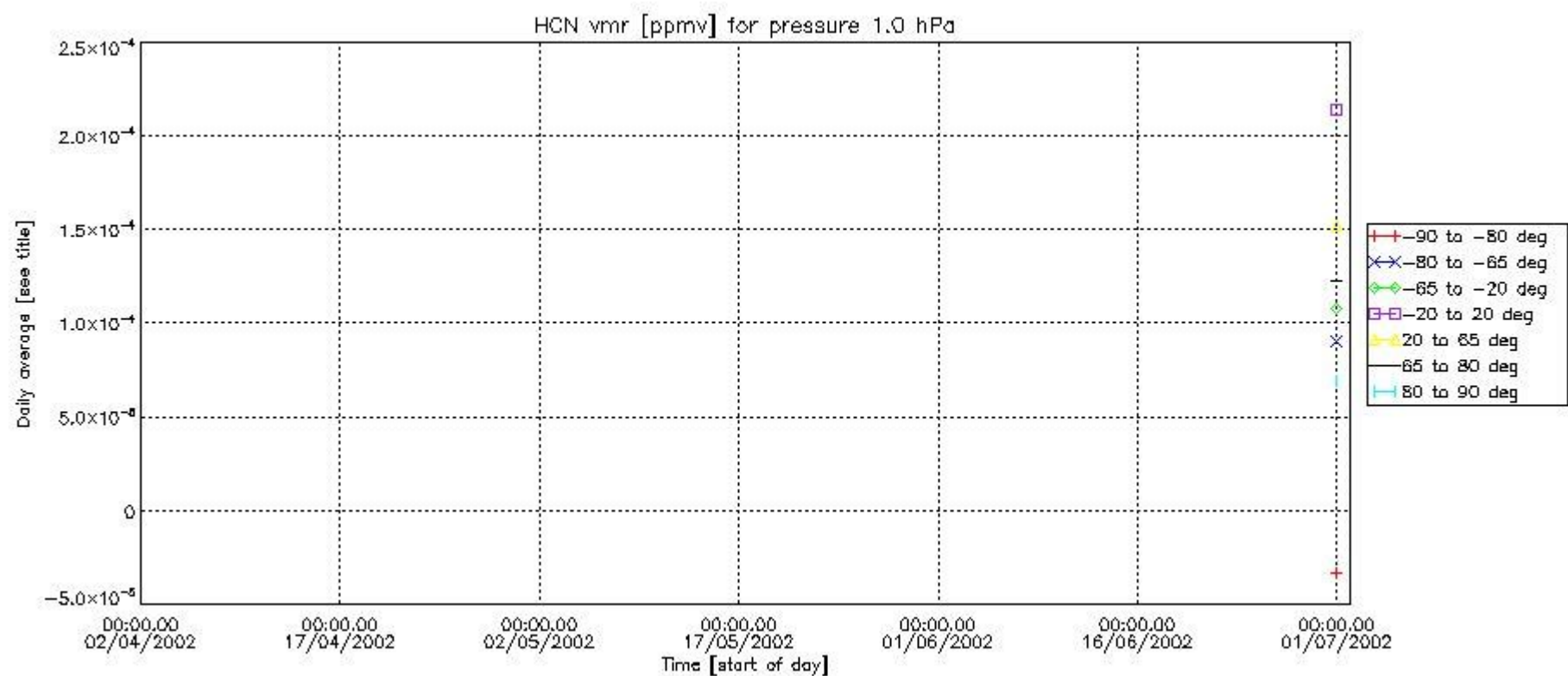


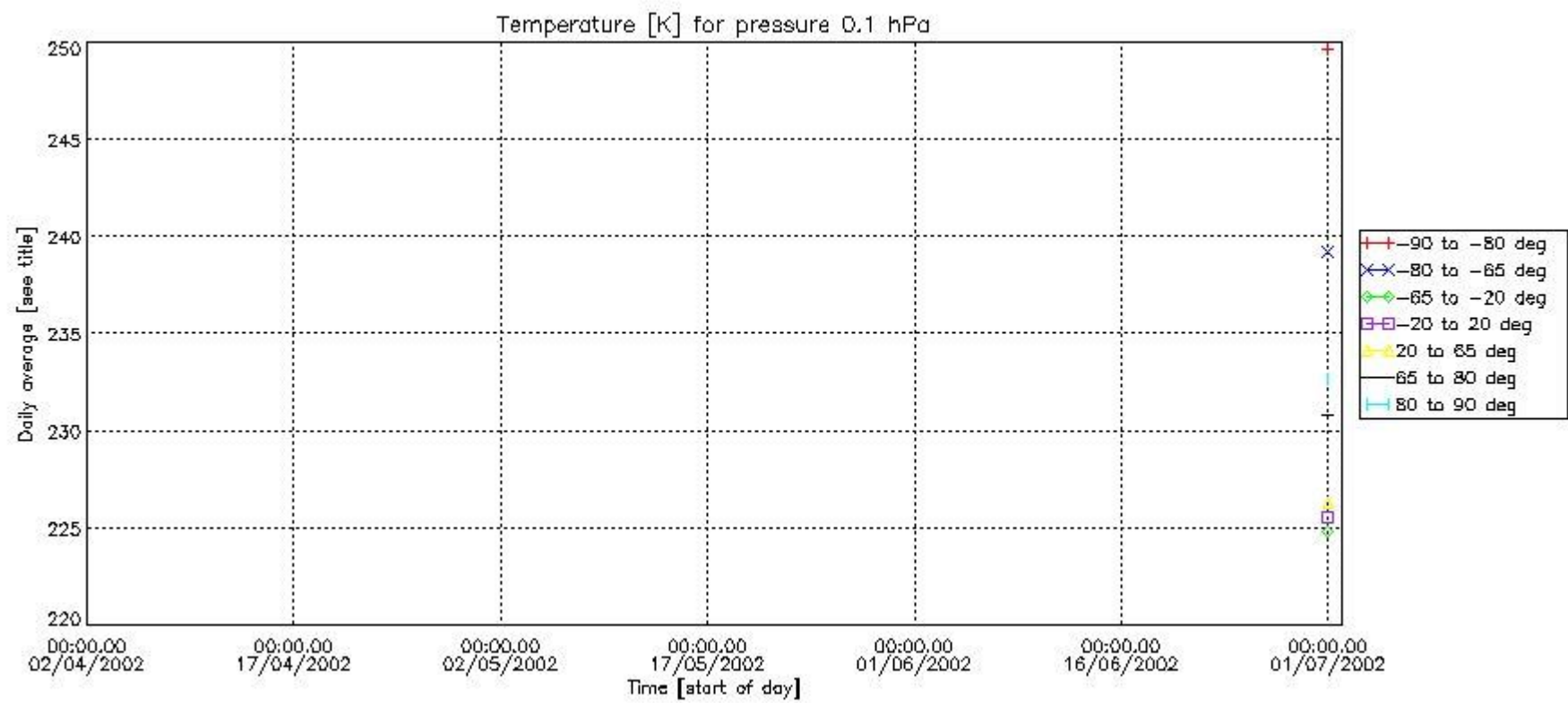
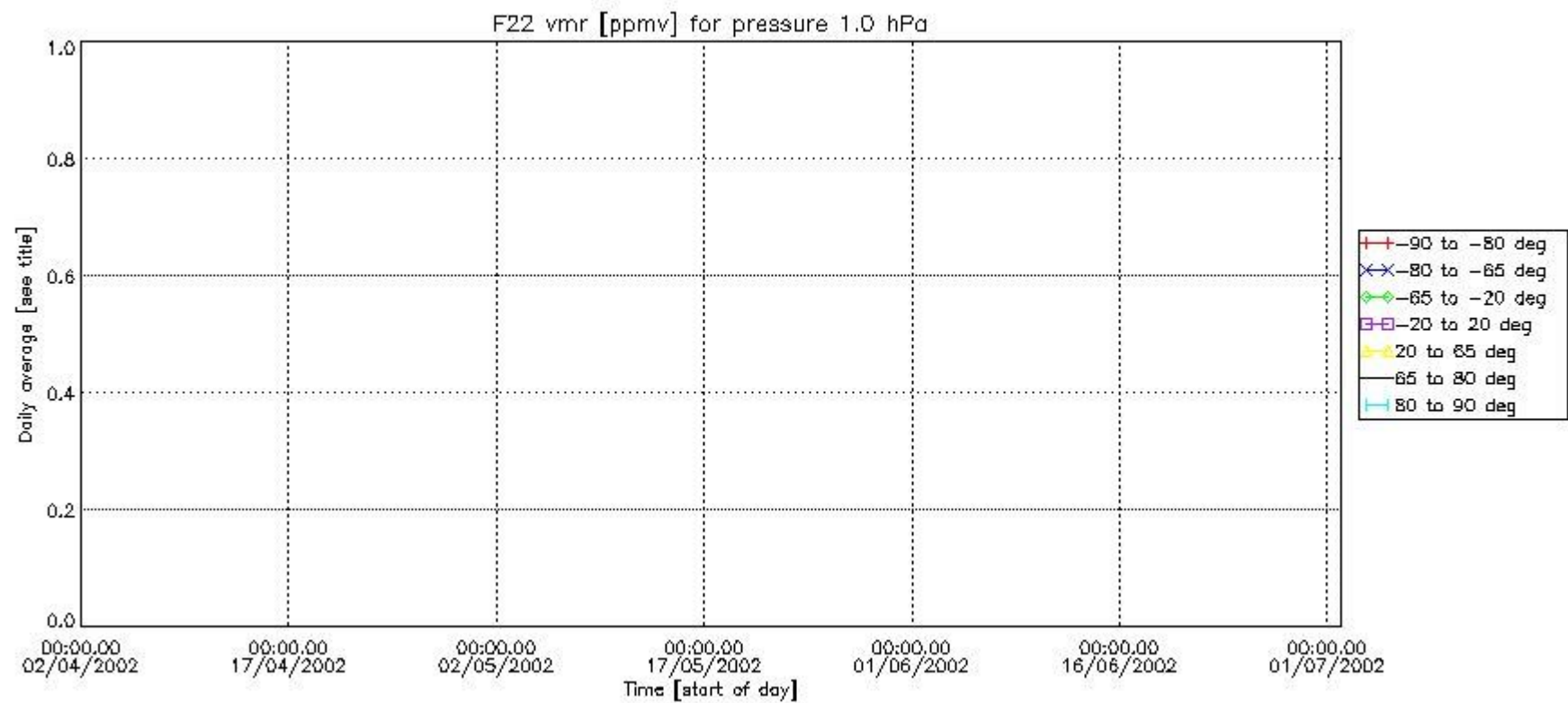


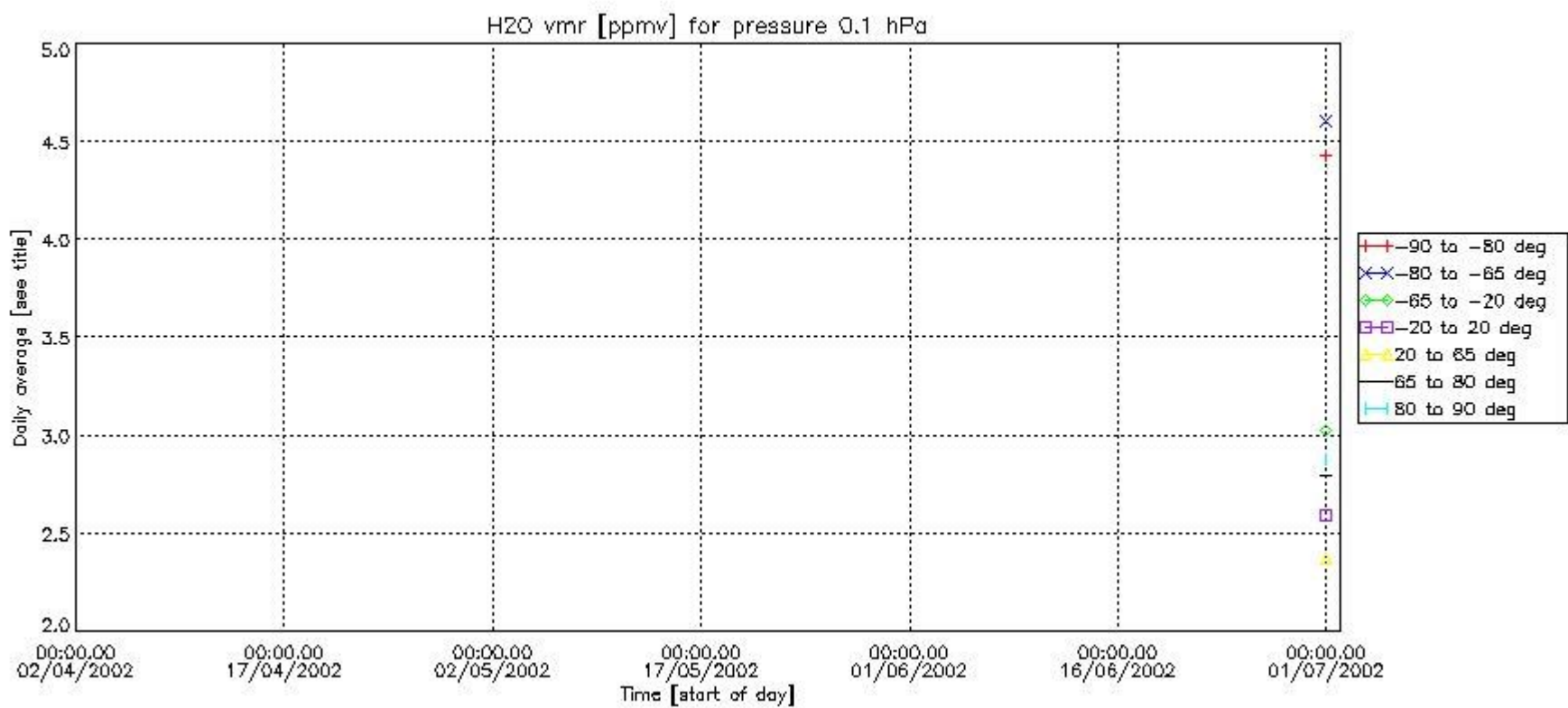
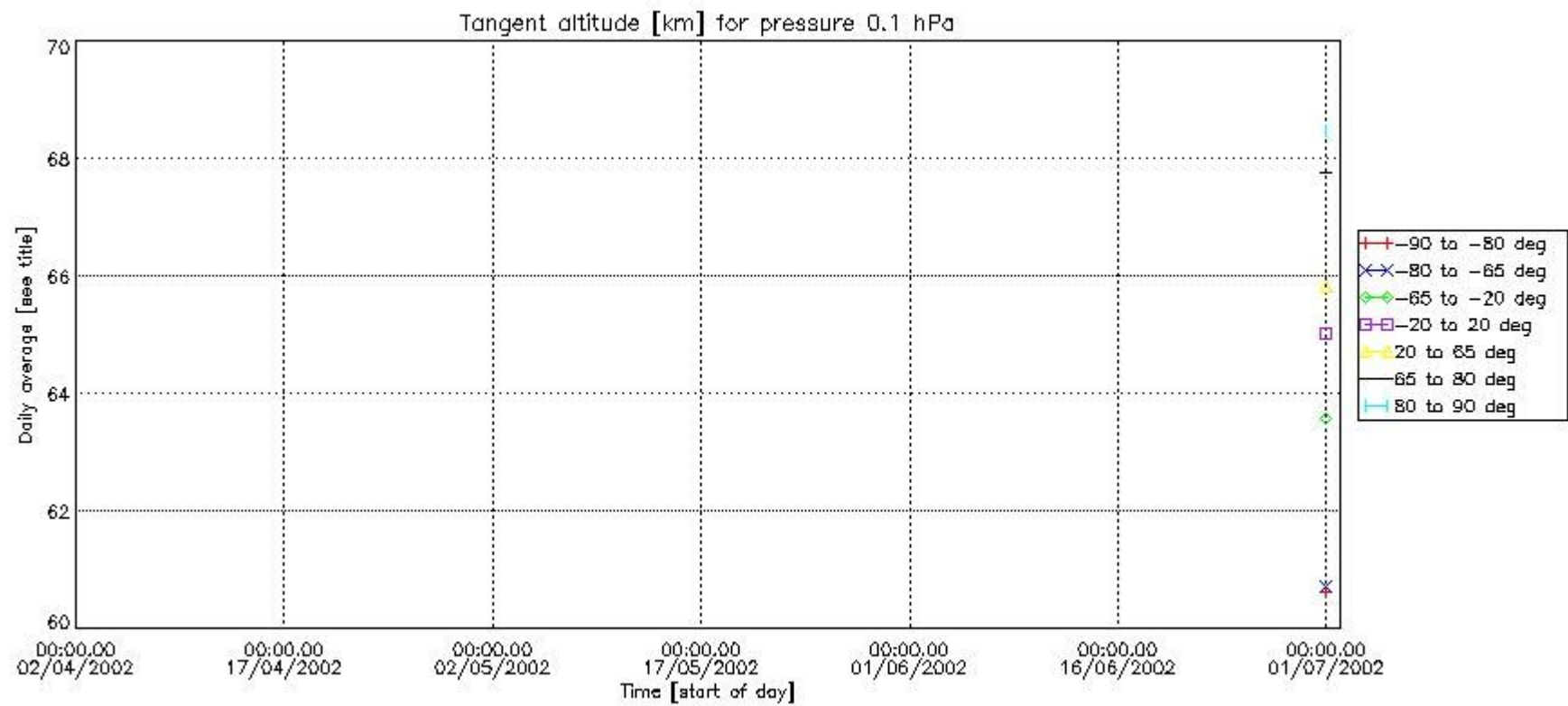




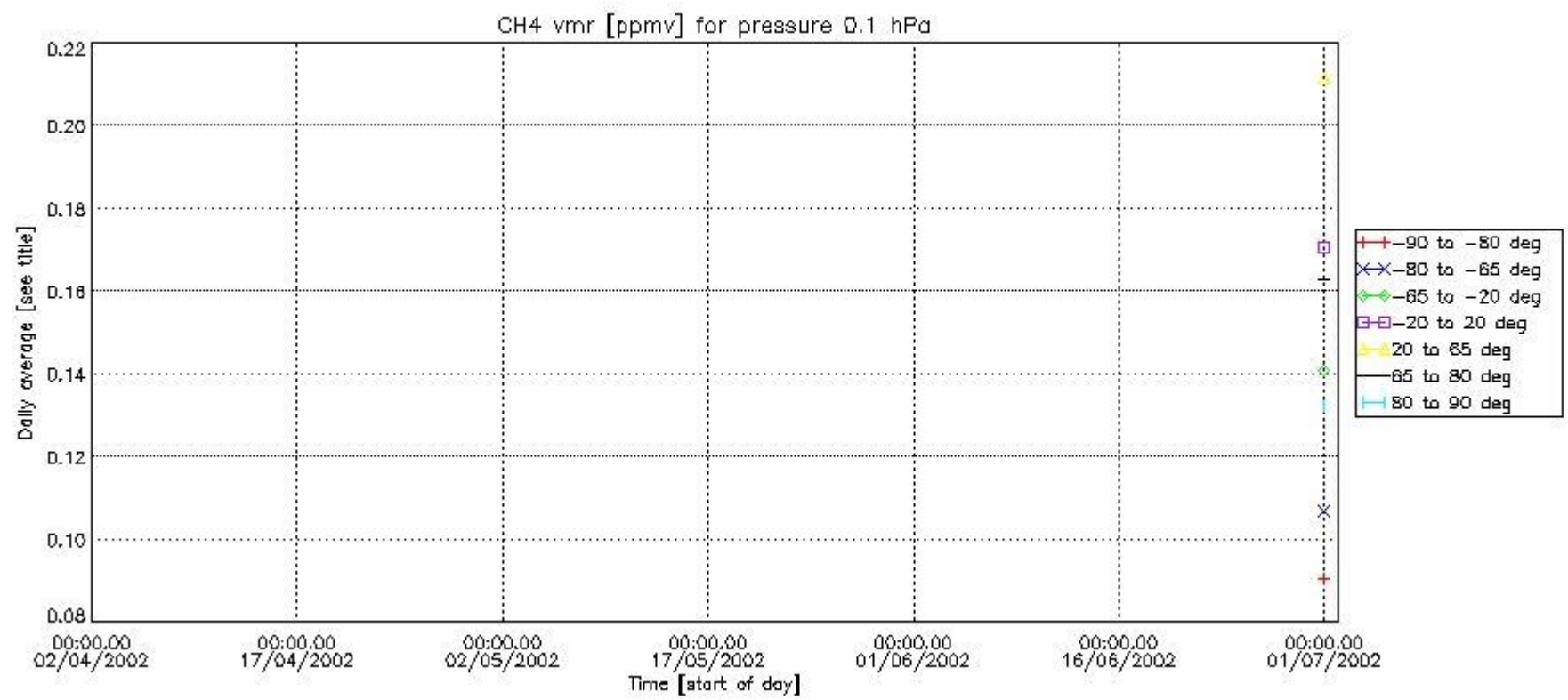
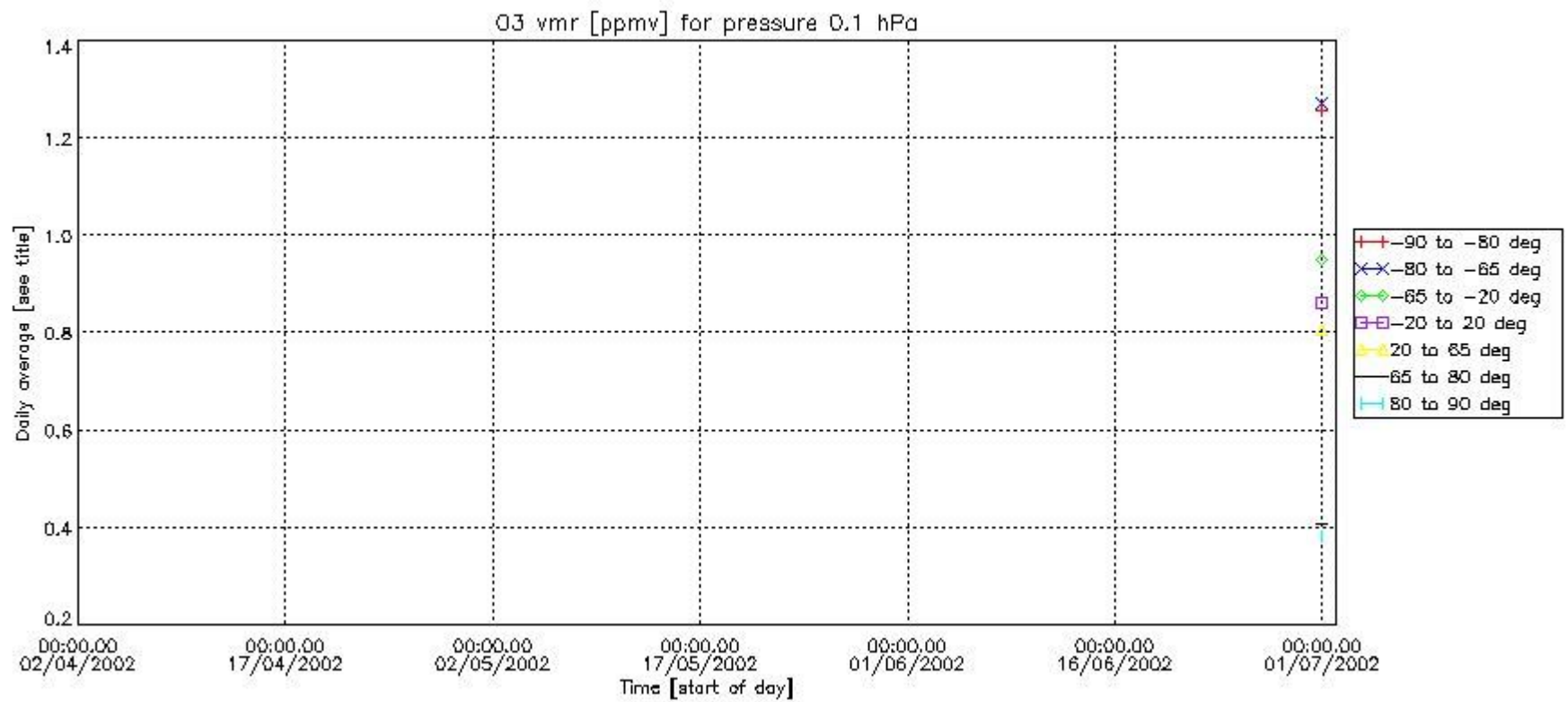


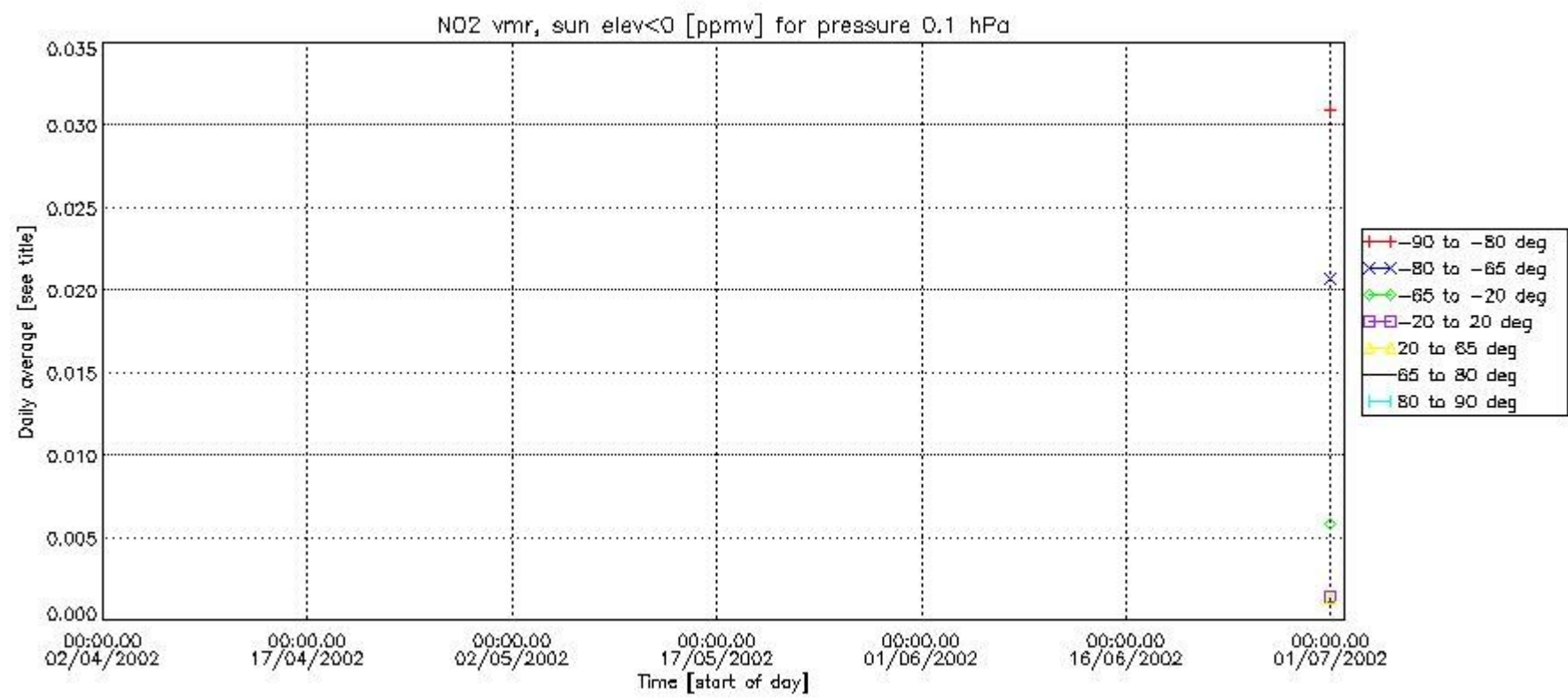
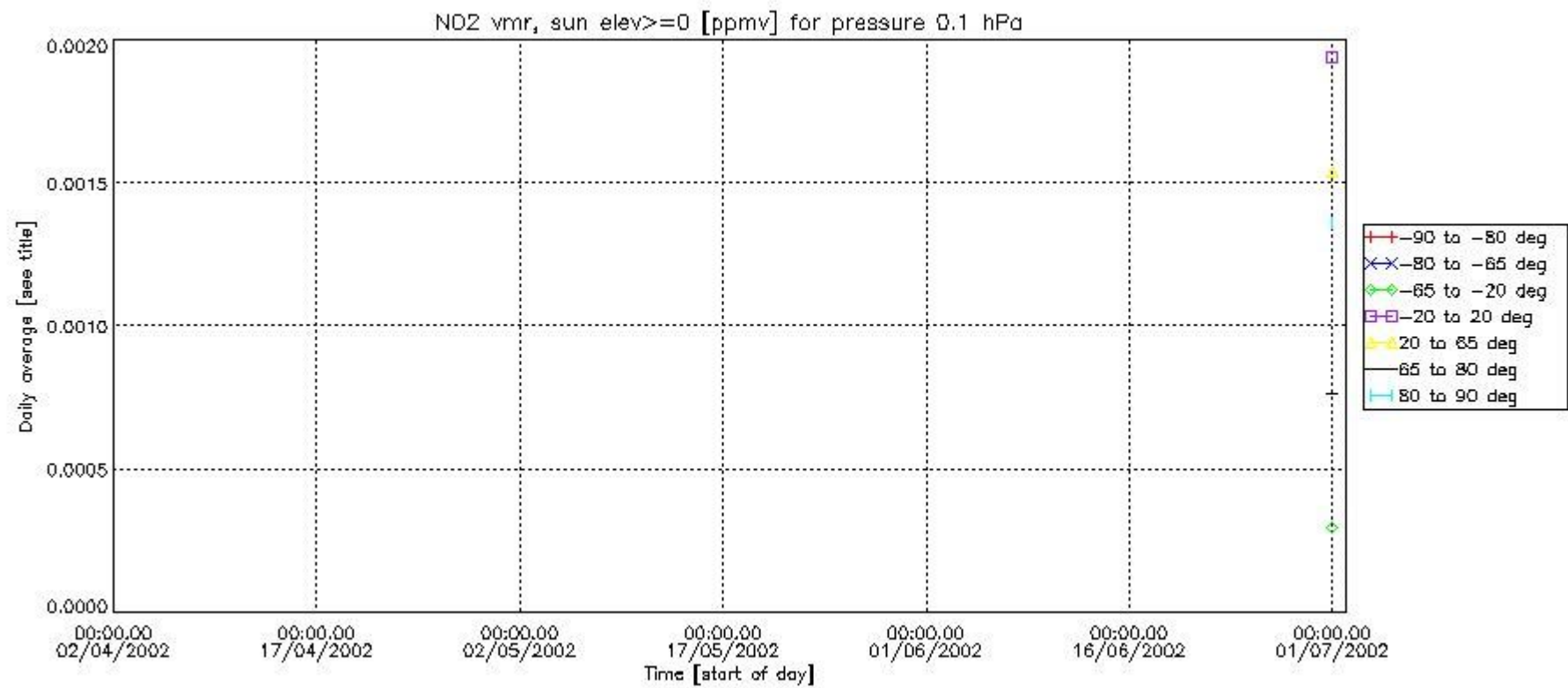


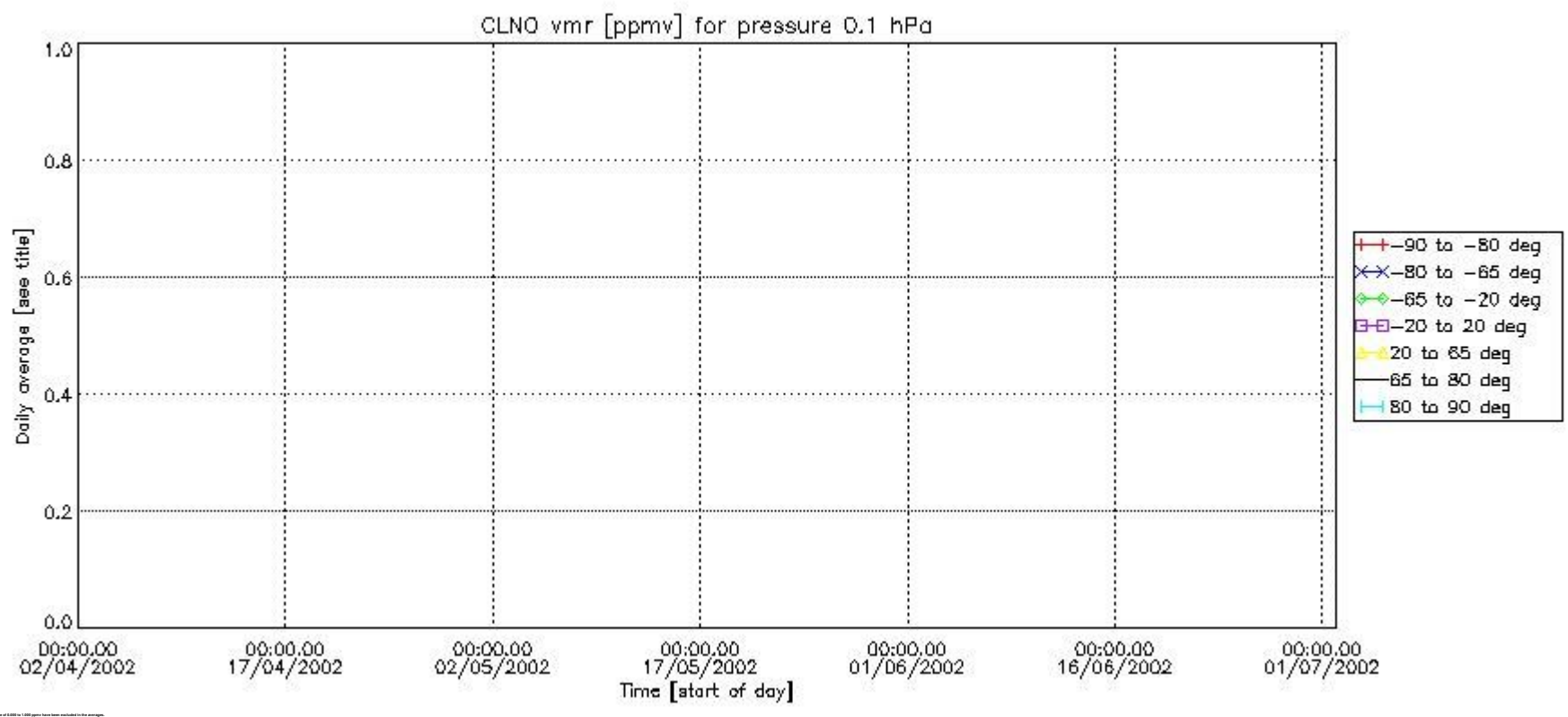
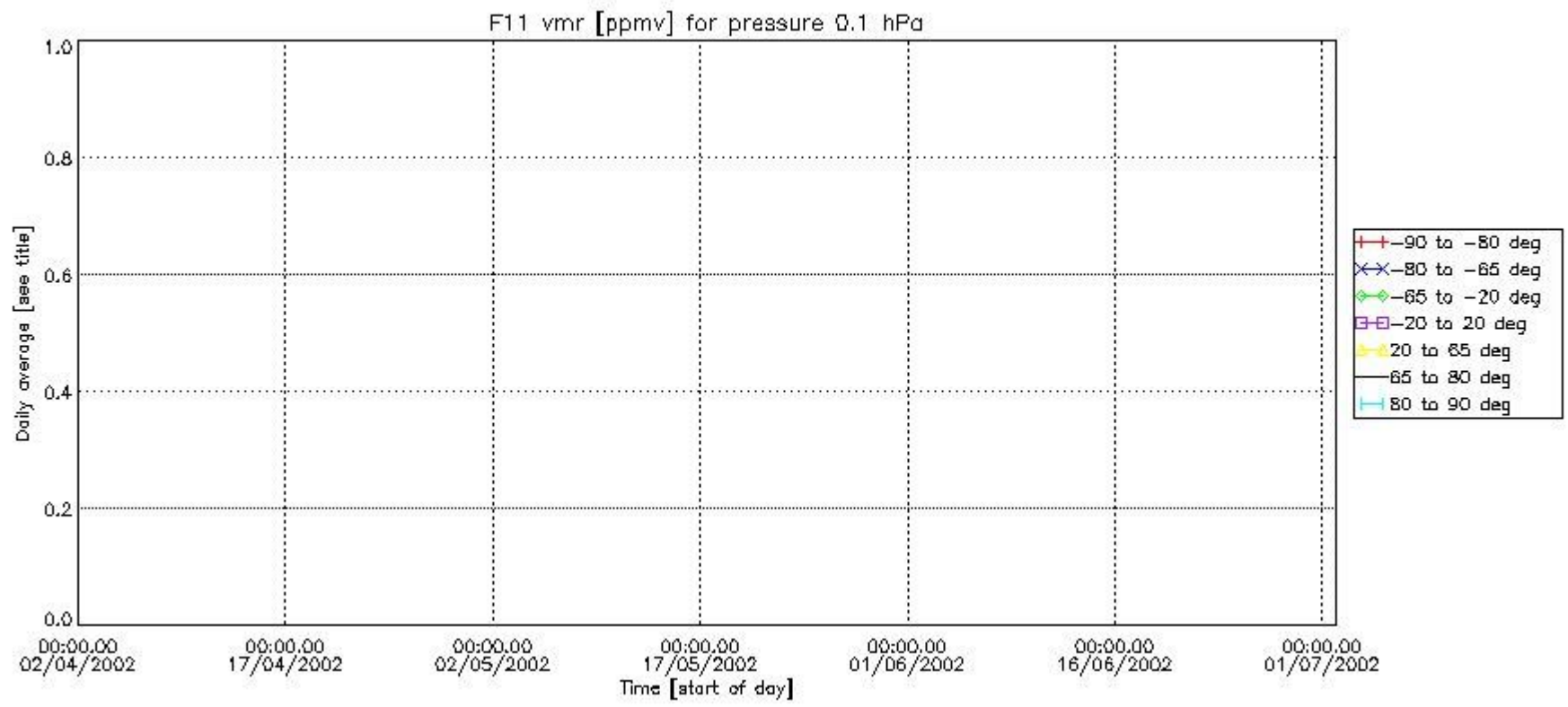


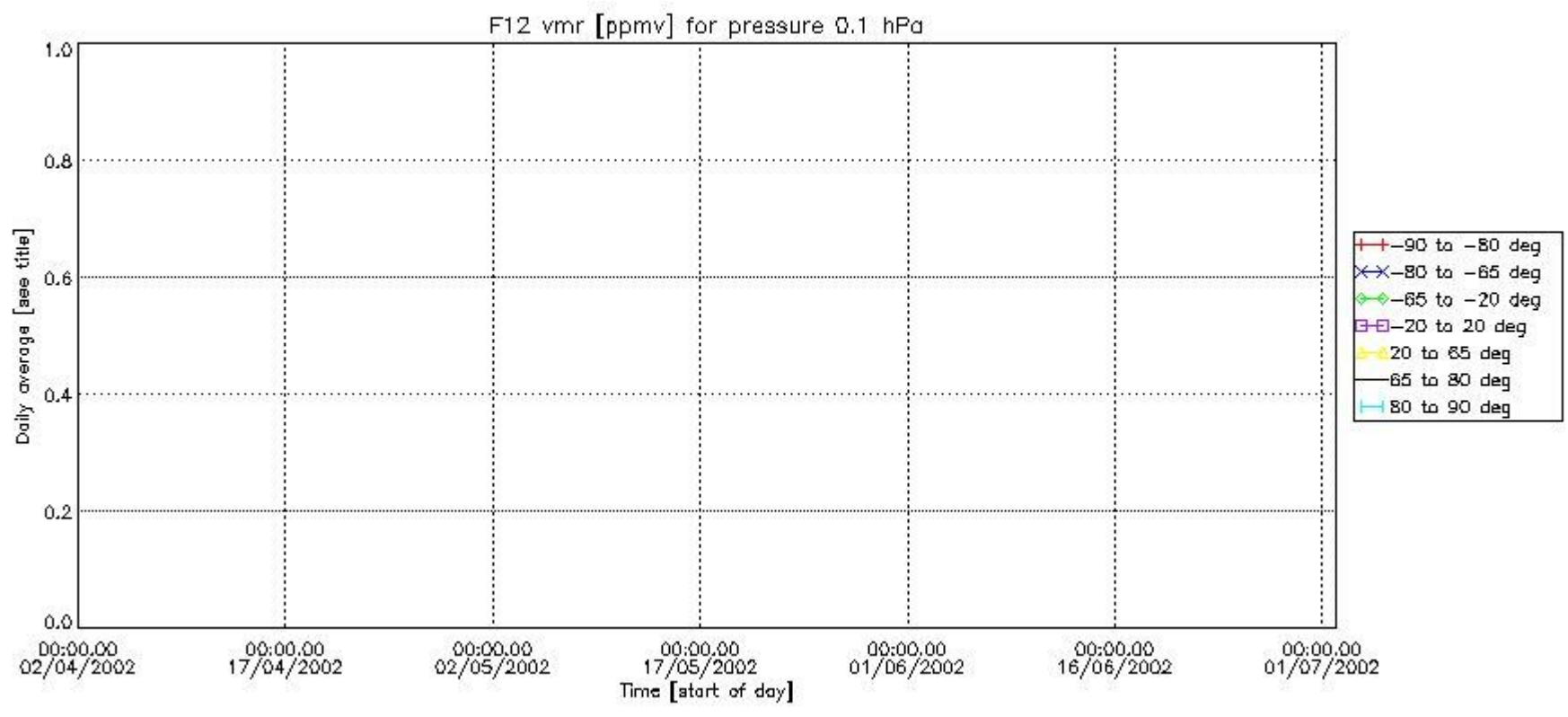
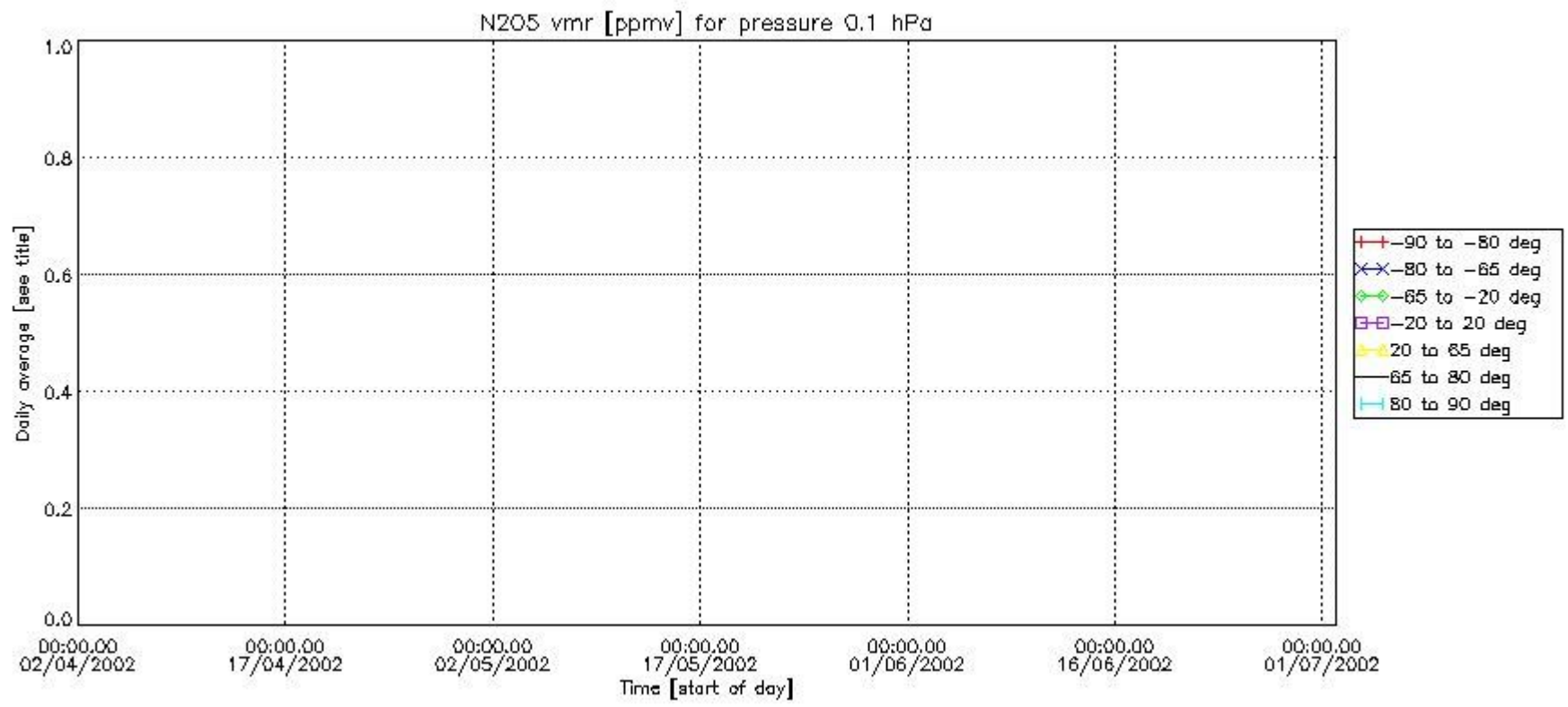




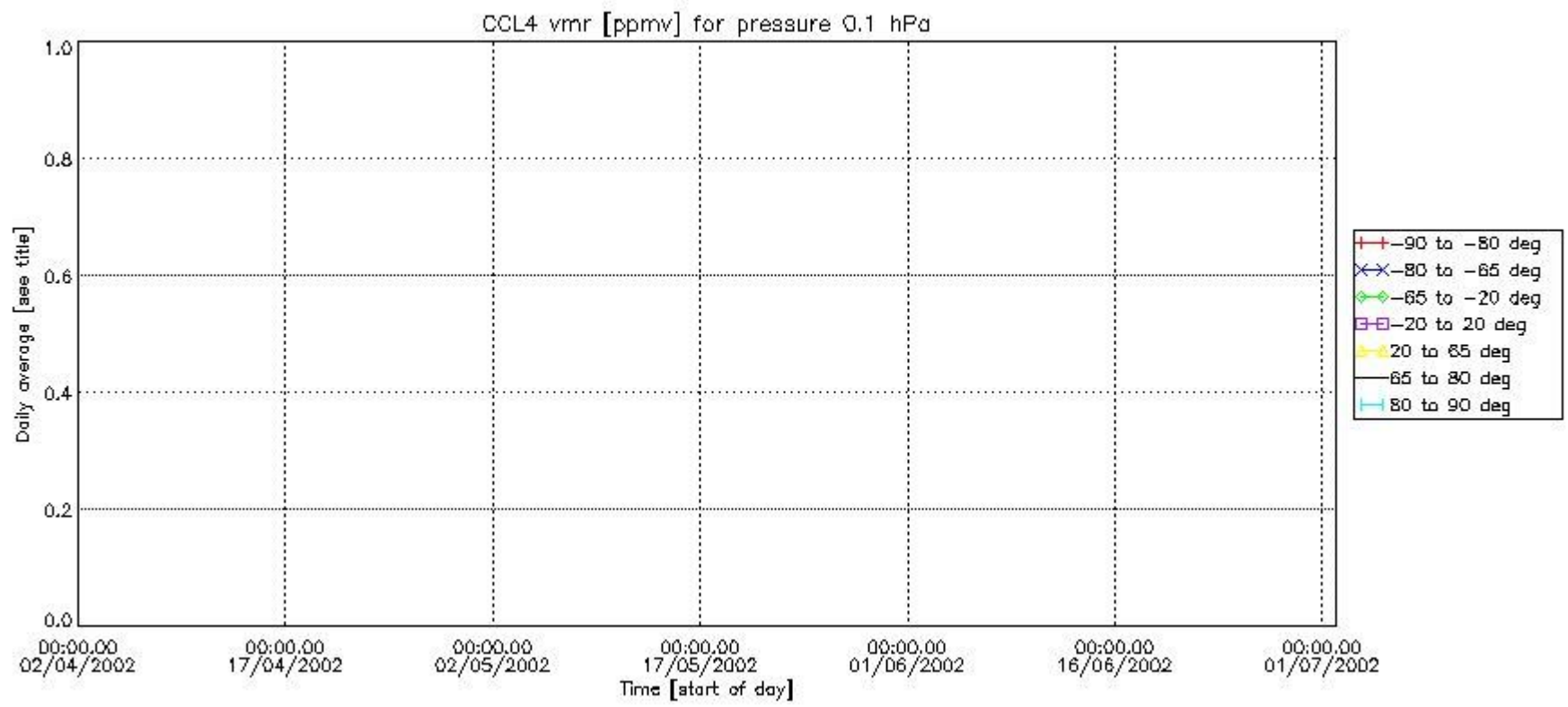
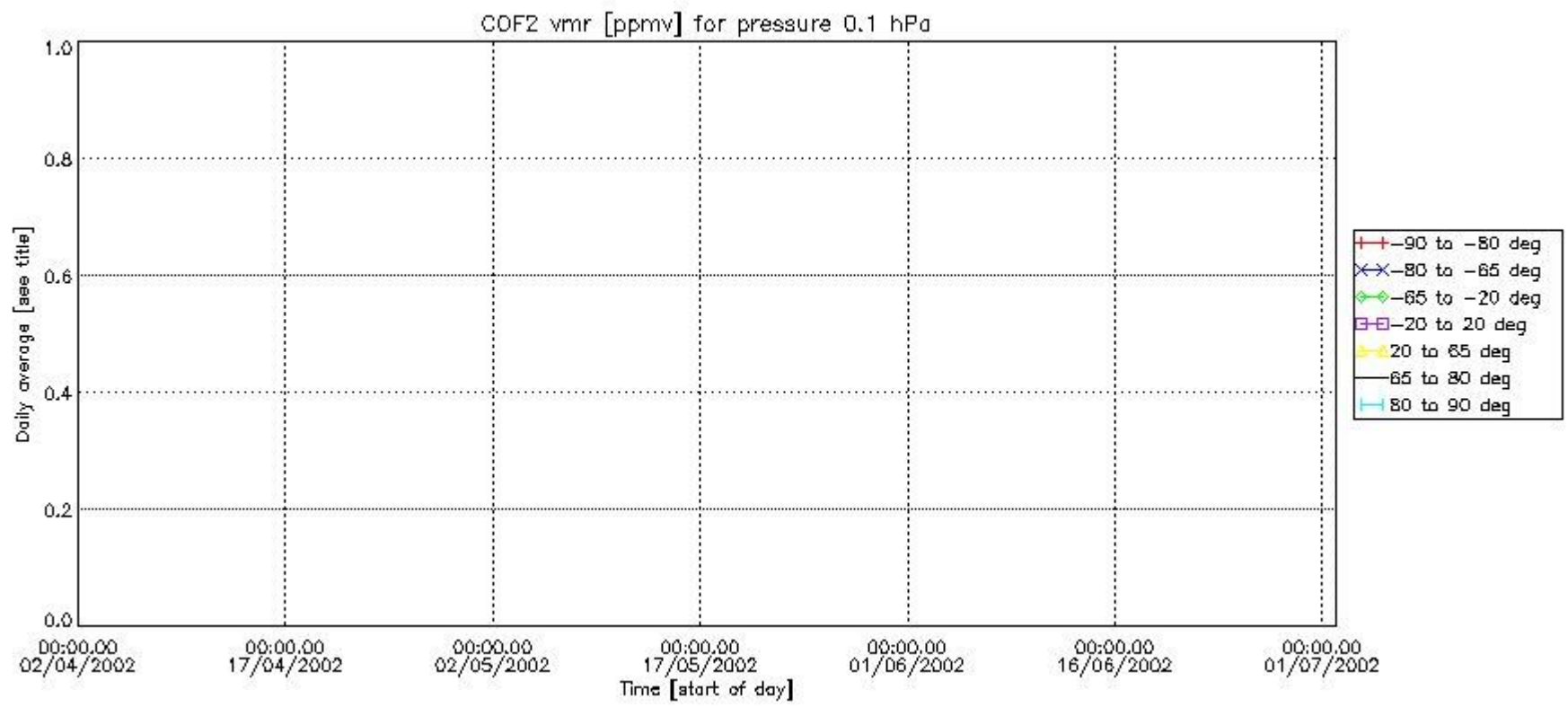


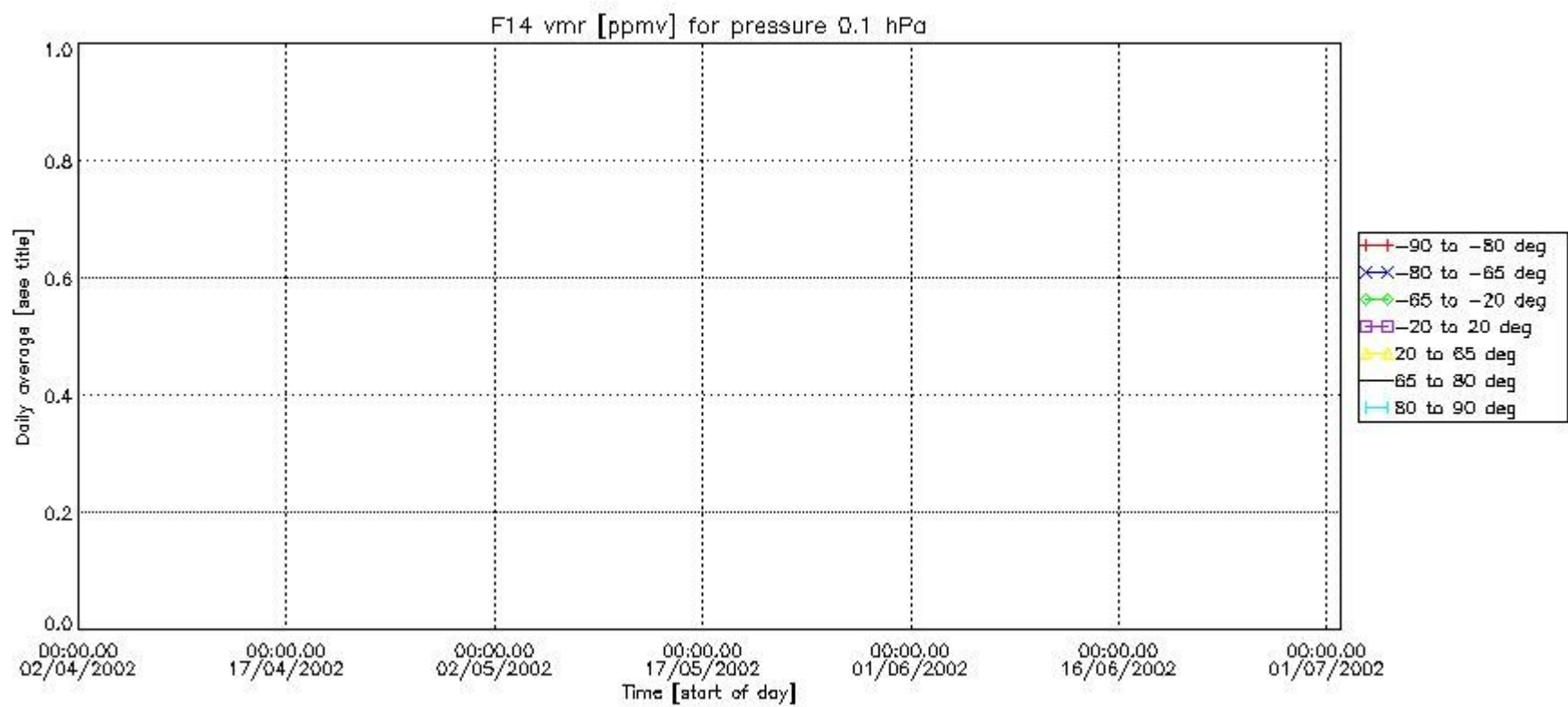
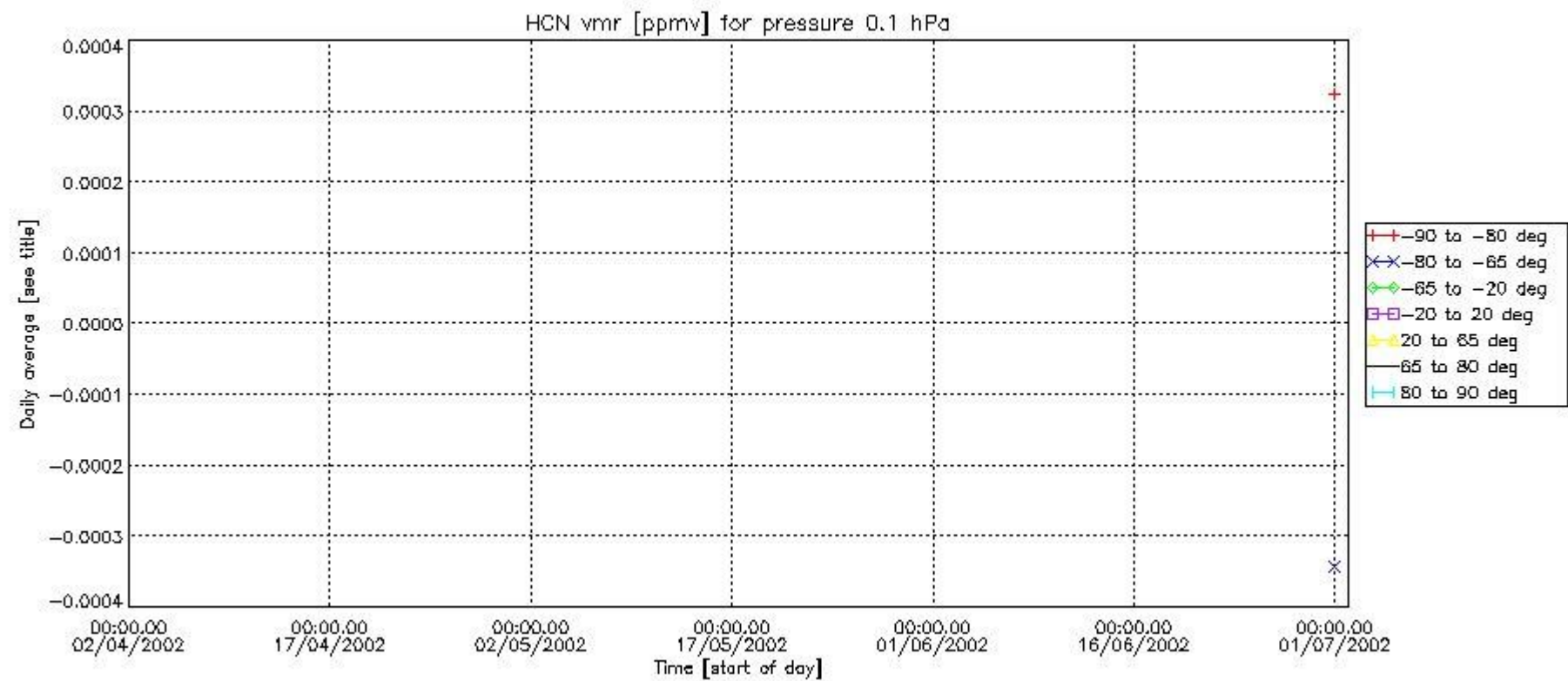


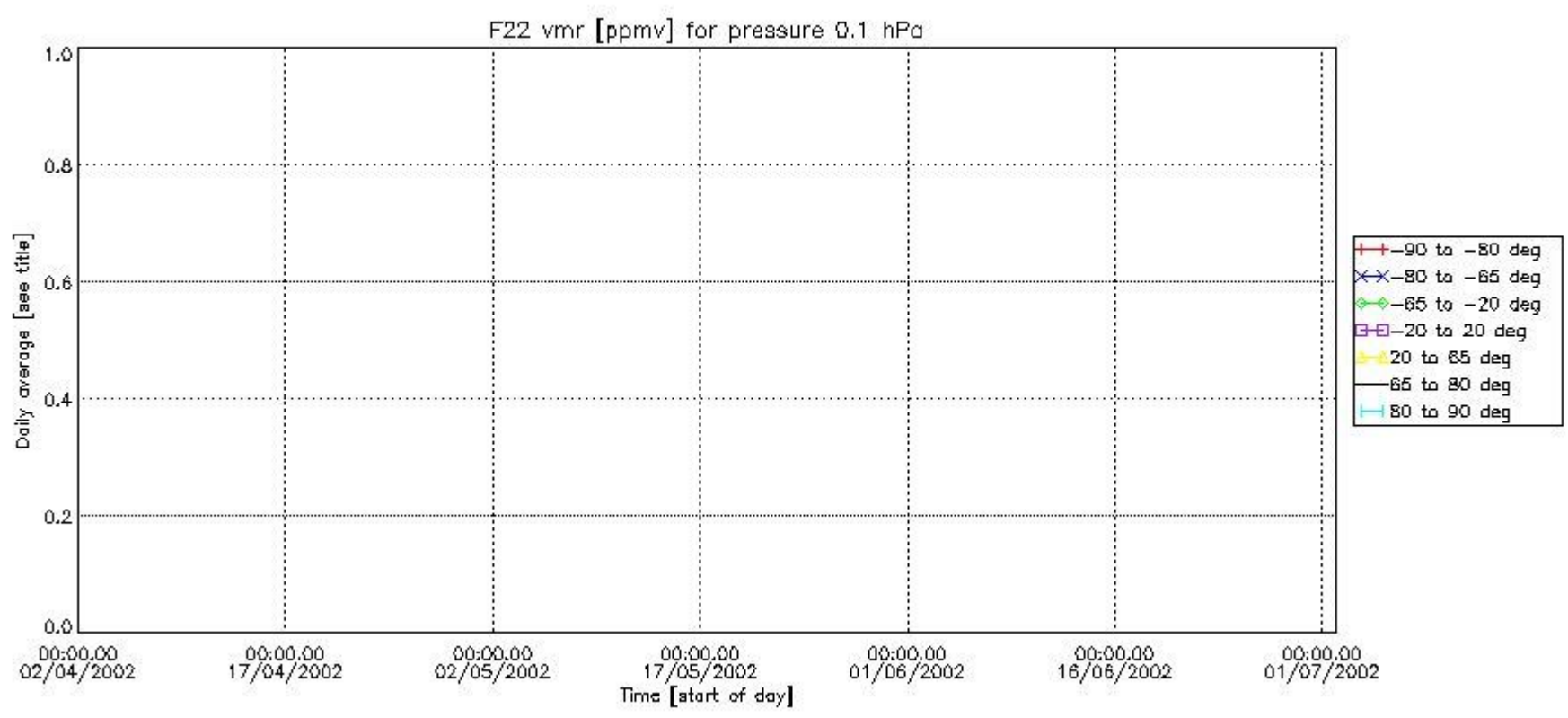












Number of successful retrievals vs. geolocation (\*=day side , triangle=night side).

