

2. MIPAS Daily Report for level 2 products summary report

(See [mipas_daily_report_level2_ML2PP_7_03_W_20051125.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 | 20APR2016 17:00:15 |
| Data source version | ML2PP/7.03-W |
| Processing scope for products | 25NOV2005 00:00:00 to 26NOV2005 00:00:00 |
| Start time of first product within scope | 25NOV2005 00:10:18 |
| Stop time of last product within scope | 26NOV2005 01:10:44 |
| Total number of level 2 products | 5 |
| 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__2PWDSI20051125_001018_000057722042_00446_19538_1000.N1 | 25NOV2005 00:10:18 | 25NOV2005 01:46:30 | 0 | 127/127 | |
| 1 | MIP_NL__2PWDSI20051125_014720_000005202042_00447_19539_1000.N1 | 25NOV2005 01:47:20 | 25NOV2005 01:56:00 | 0 | 12/12 | |
| 2 | MIP_NL__2PWDSI20051125_115429_000057812042_00453_19545_1000.N1 | 25NOV2005 11:54:29 | 25NOV2005 13:30:50 | 0 | 109/109 | VMR_TERM_MACRO_MICRO[HCN/macro:1; HCN/micro:2; F14/micro:1] |
| 3 | MIP_NL__2PWDSI20051125_133141_000004762042_00454_19546_1000.N1 | 25NOV2005 13:31:41 | 25NOV2005 13:39:37 | 0 | 11/11 | |
| 4 | MIP_NL__2PWDSI20051125_233840_000055232042_00460_19552_1000.N1 | 25NOV2005 23:38:40 | 26NOV2005 01:10:44 | 0 | 122/122 | VMR_TERM_MACRO_MICRO[HCN/macro:2; F14/macro:1] |

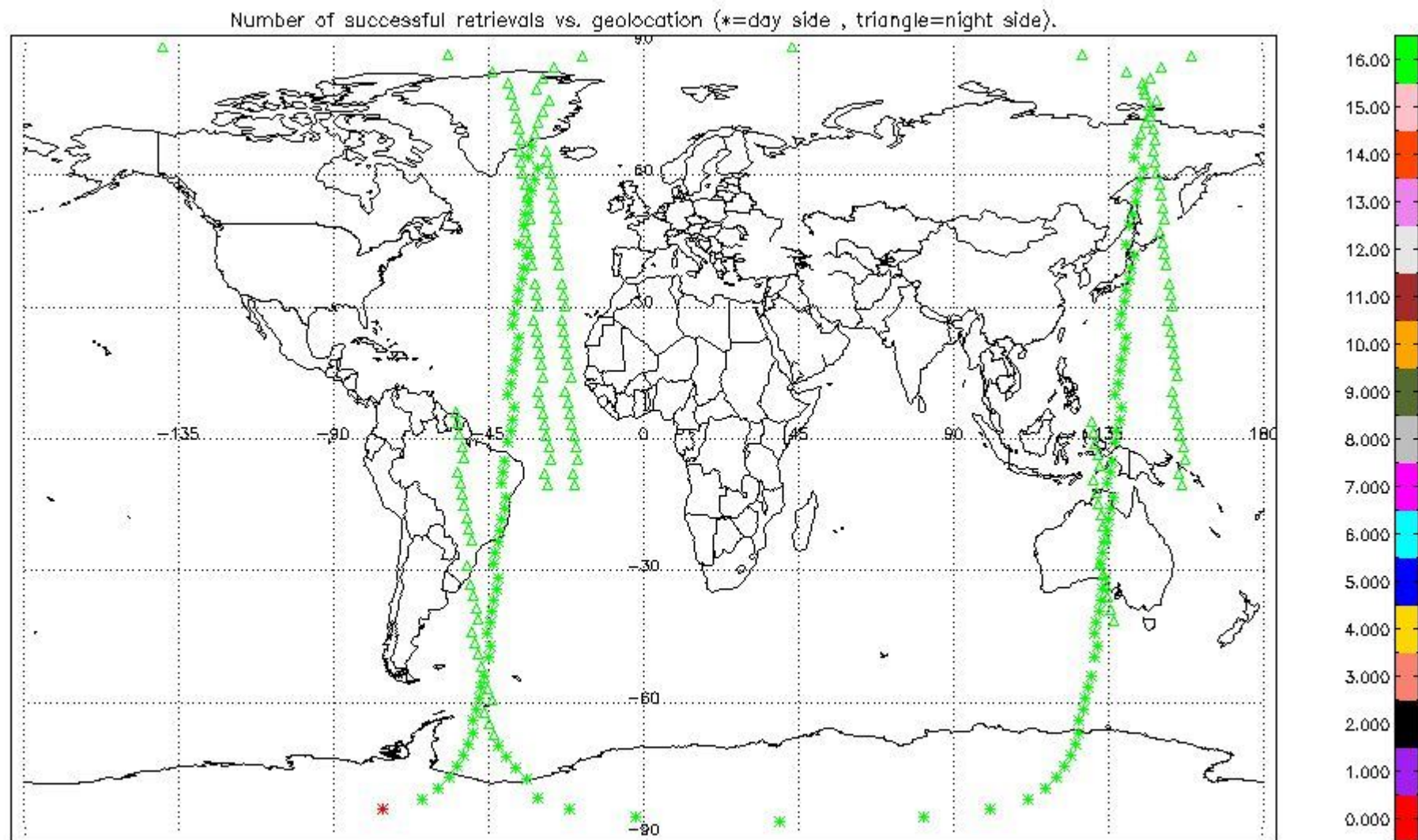
2.2 Processing performance indicators

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.

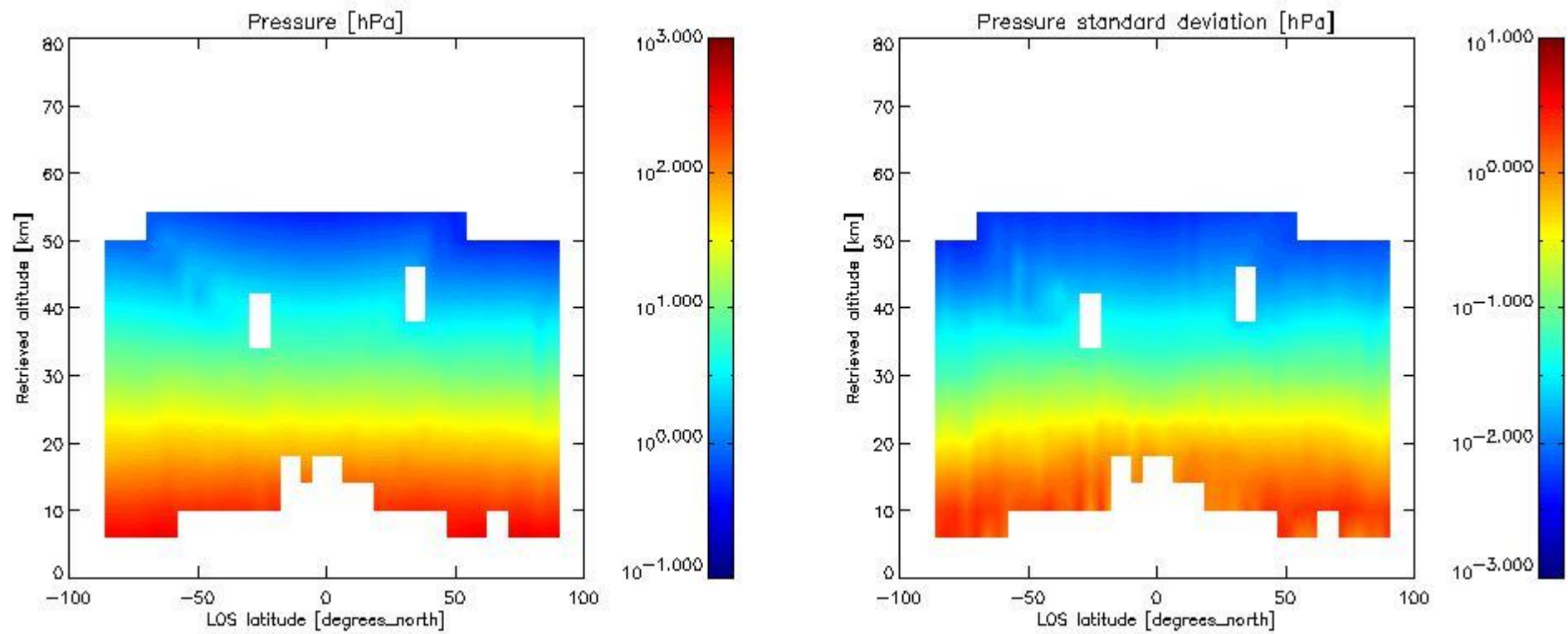
| RETRIEVAL MDS | # scans processed | # Successful retrievals | % |
|---------------|-------------------|-------------------------|--------|
| PT | 381 | 287 | 75.328 |
| H2O | 381 | 287 | 75.328 |
| O3 | 381 | 287 | 75.328 |
| HNO3 | 381 | 287 | 75.328 |
| CH4 | 381 | 287 | 75.328 |

| | | | |
|------|-----|-----|--------|
| N2O | 381 | 287 | 75.328 |
| NO2 | 381 | 287 | 75.328 |
| F11 | 381 | 287 | 75.328 |
| CLNO | 381 | 287 | 75.328 |
| N2O5 | 381 | 287 | 75.328 |
| F12 | 381 | 287 | 75.328 |
| COF2 | 381 | 287 | 75.328 |
| CCL4 | 381 | 287 | 75.328 |
| HCN | 381 | 287 | 75.328 |
| F14 | 381 | 287 | 75.328 |
| F22 | 381 | 287 | 75.328 |



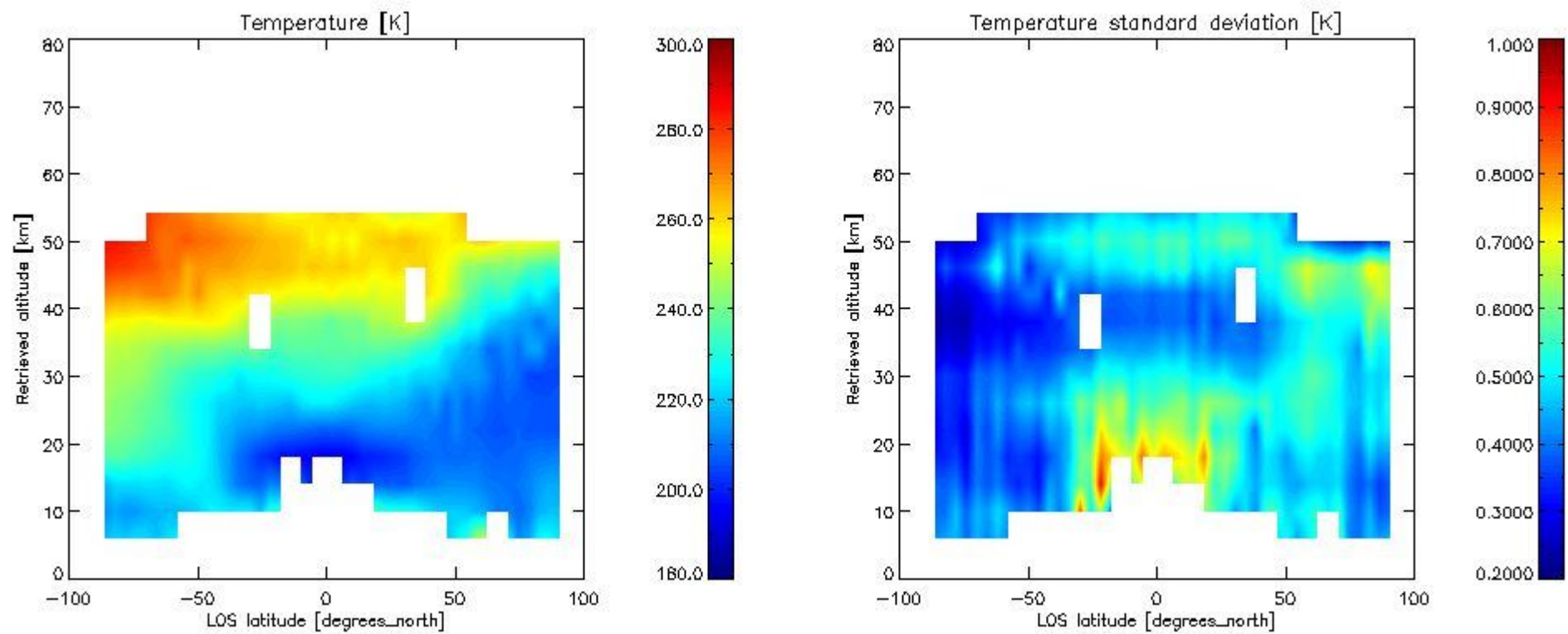
2.2.2 Pressure overview

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



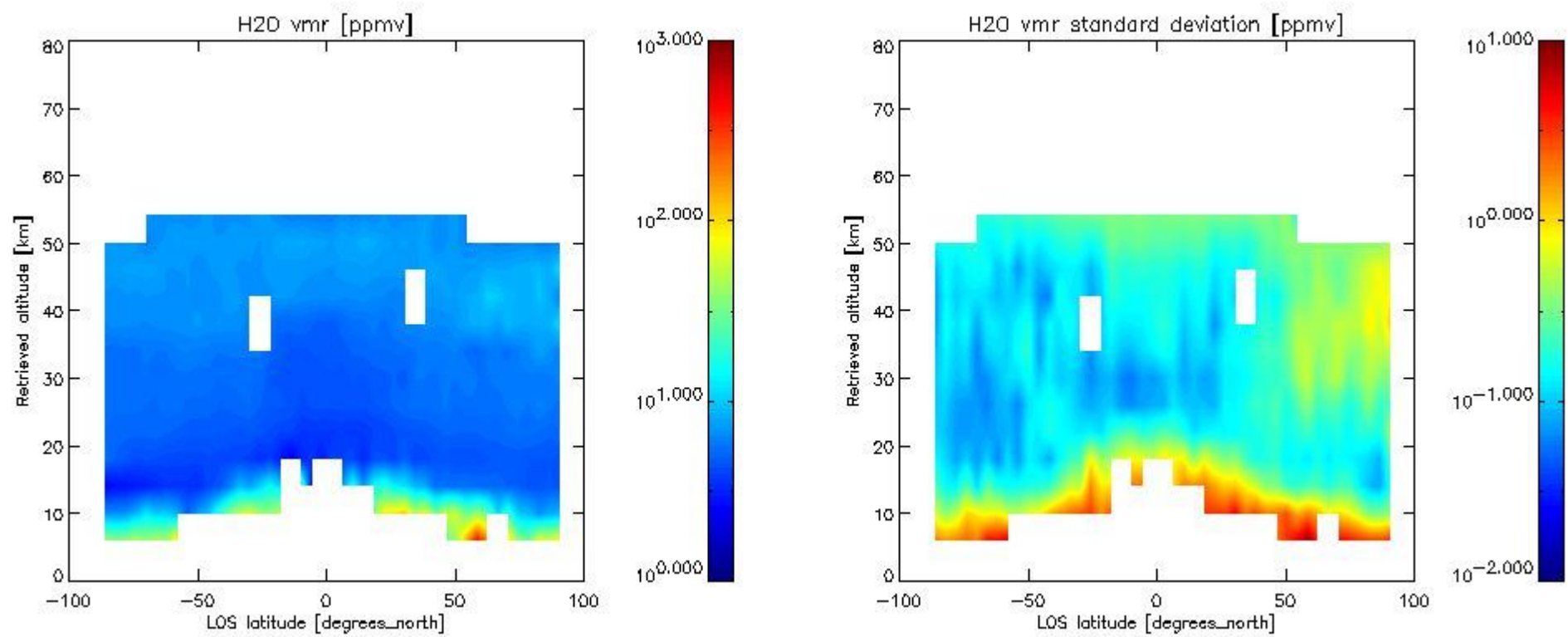
2.2.3 Temperature overview

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

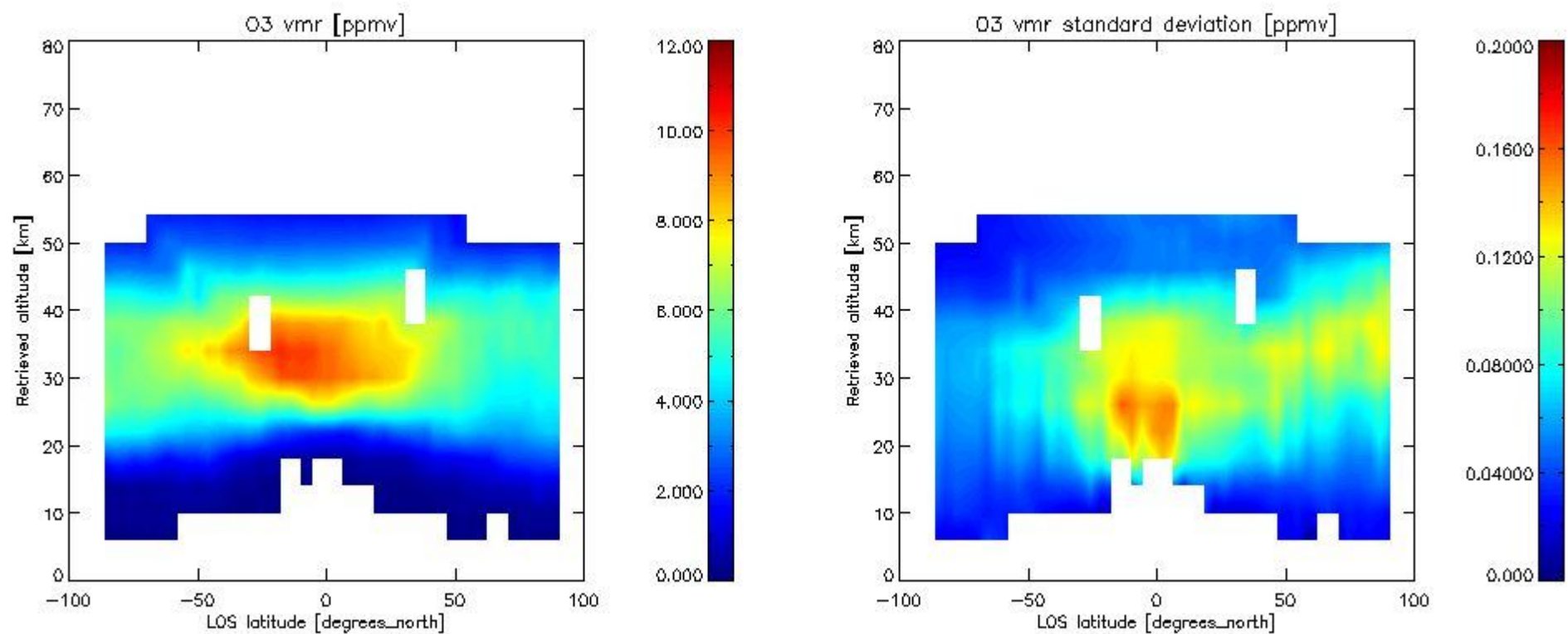


2.2.4 Species overview

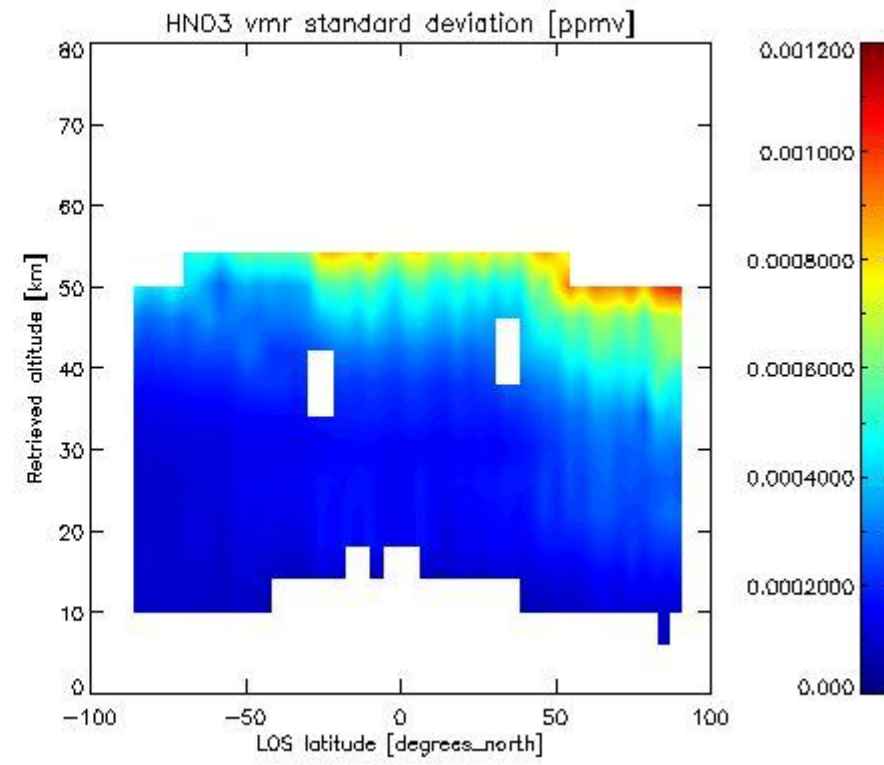
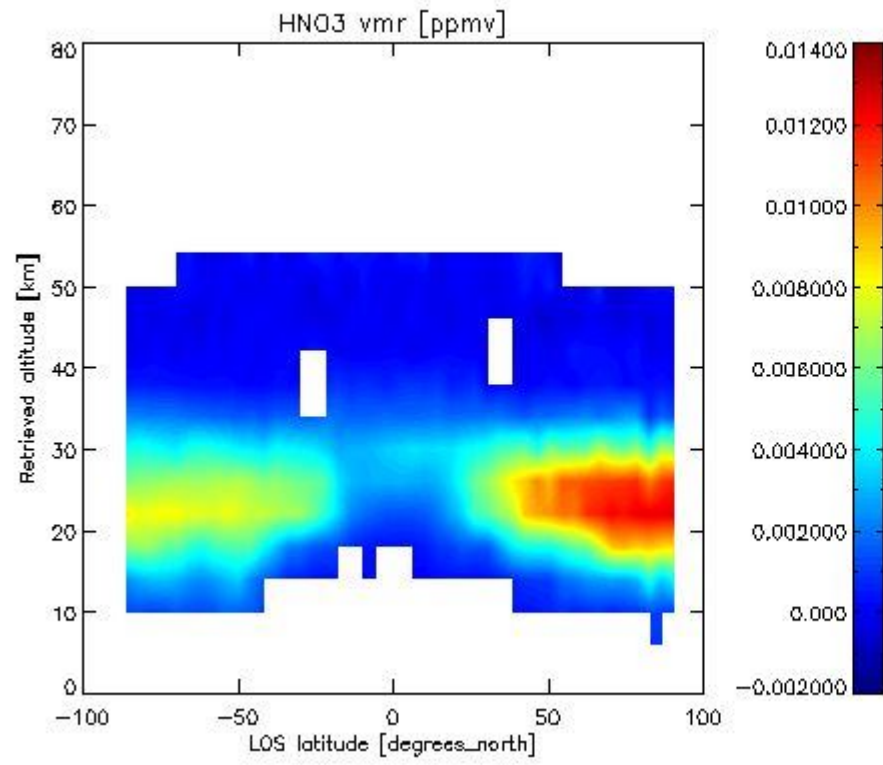
2.2.4.1 H₂O overview This section shows values (left) and error (right) for H₂O after binning individual sweep values over retrieved altitude and tangent latitude.



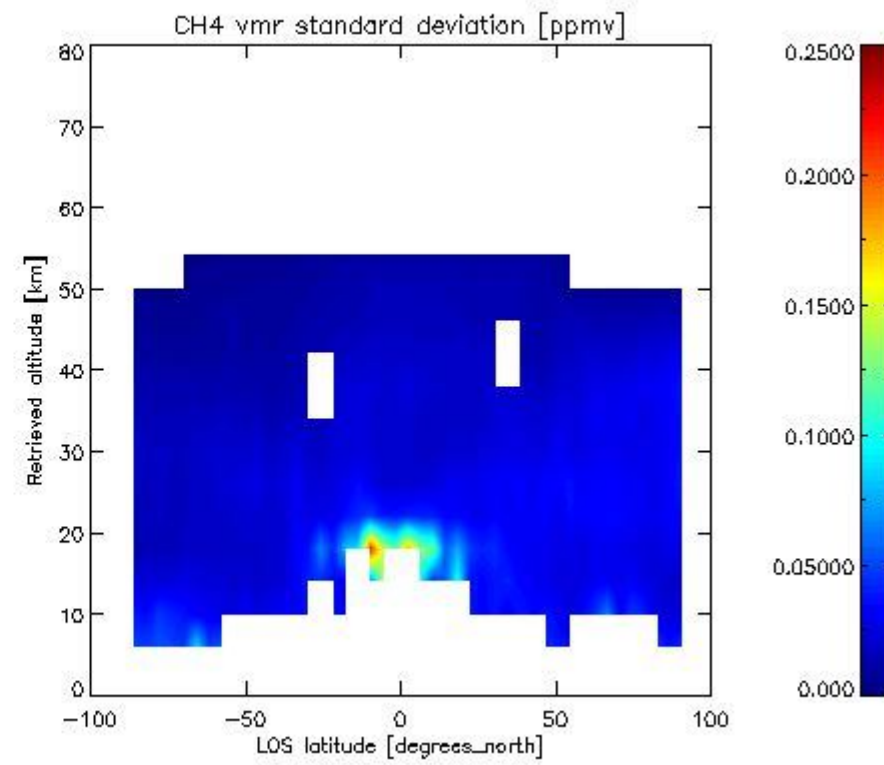
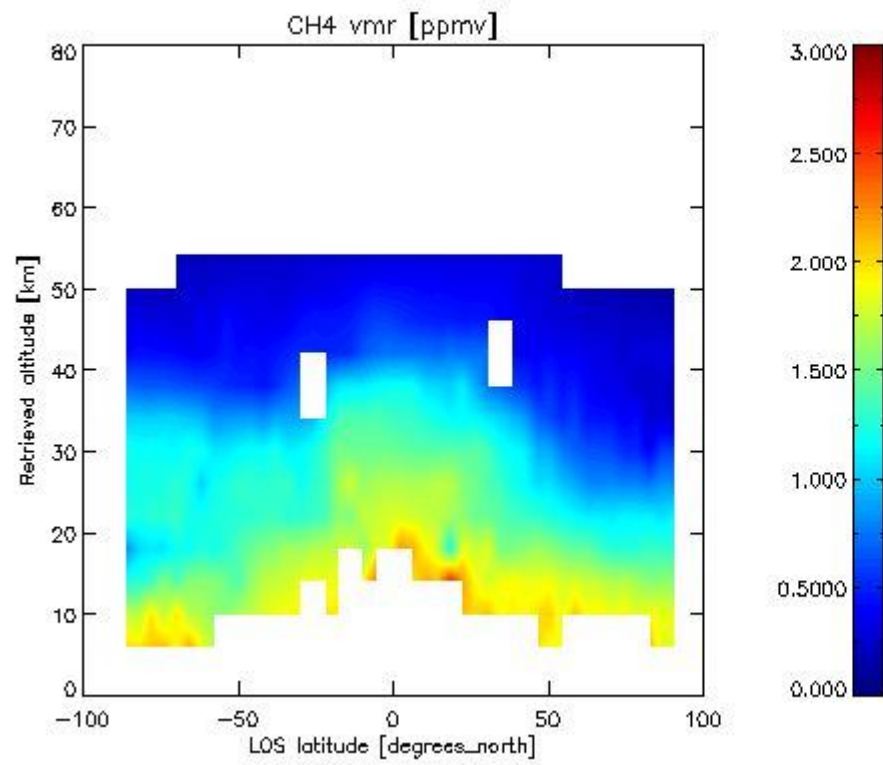
2.2.4.2 O₃ overview This section shows values (left) and error (right) for O₃ after binning individual sweep values over retrieved altitude and tangent latitude.



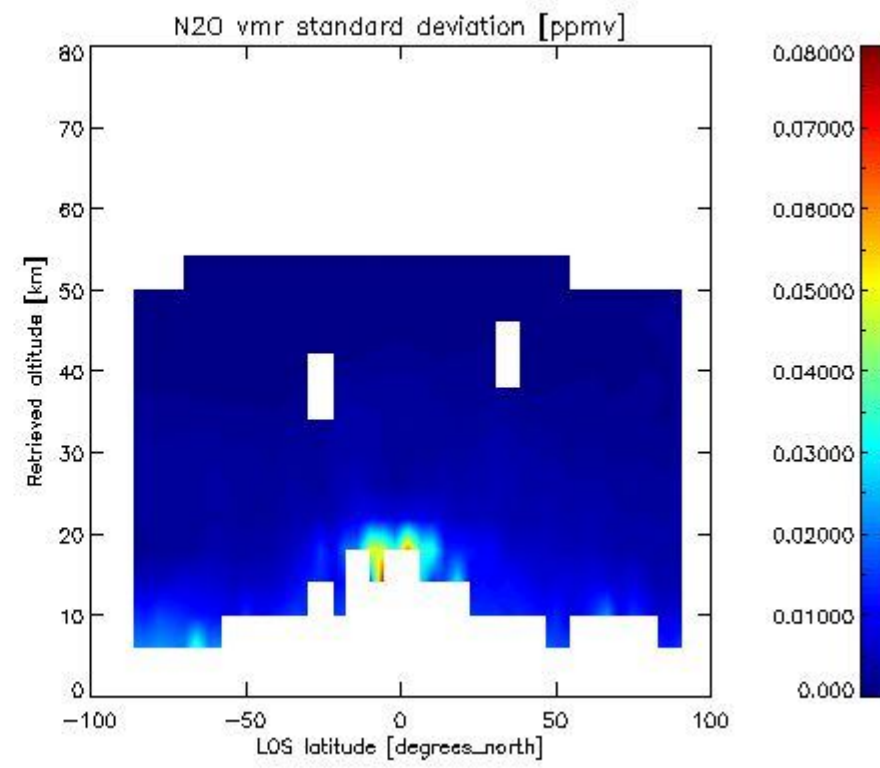
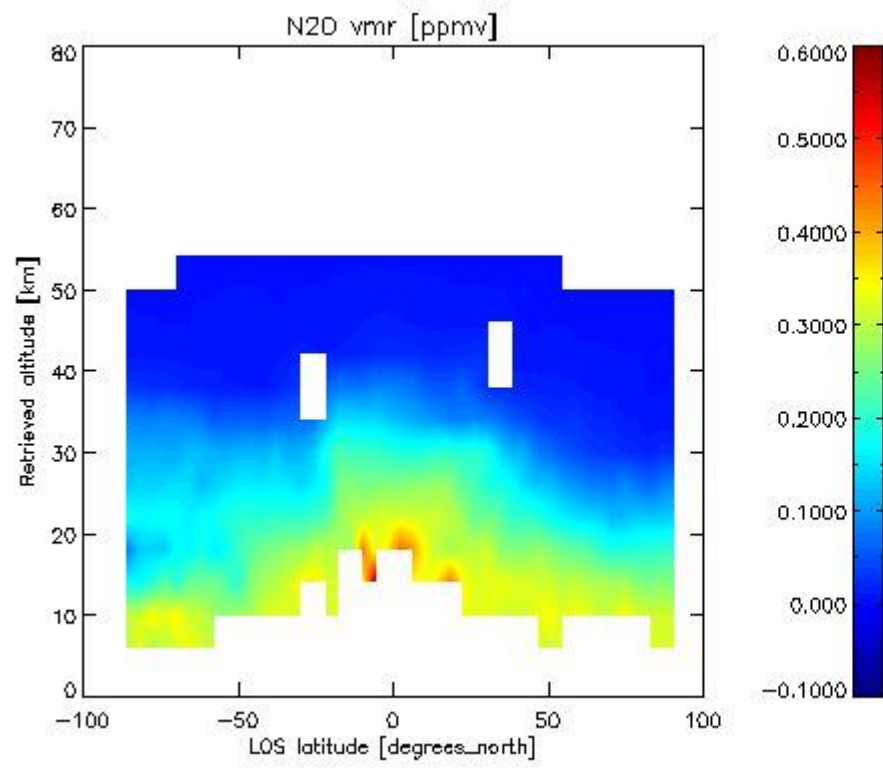
2.2.4.3 HNO₃ overview This section shows values (left) and error (right) for HNO₃ after binning individual sweep values over retrieved altitude and tangent latitude.



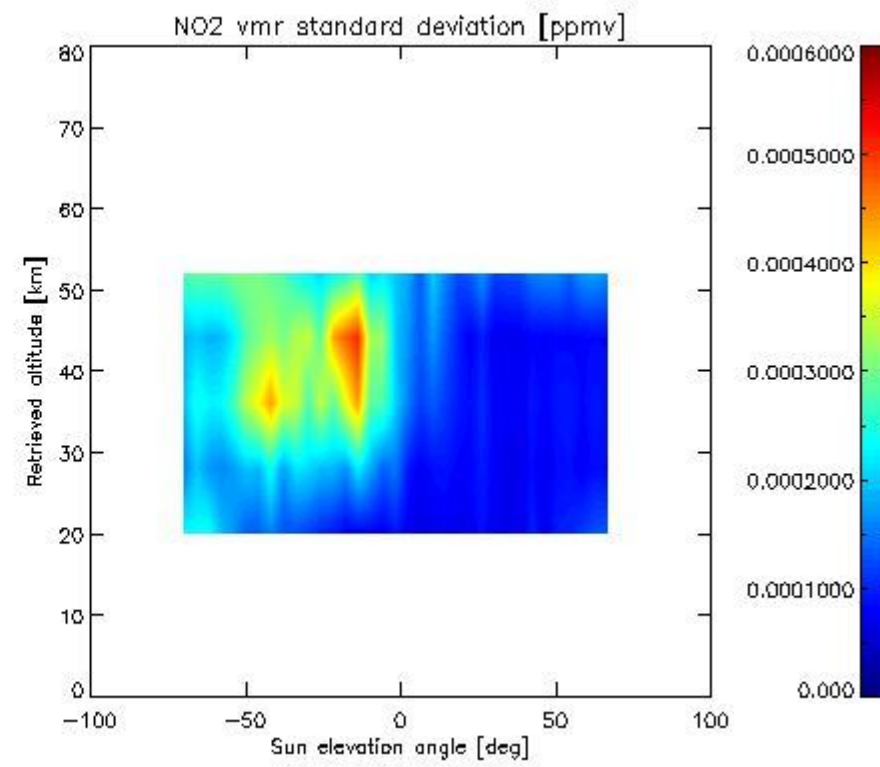
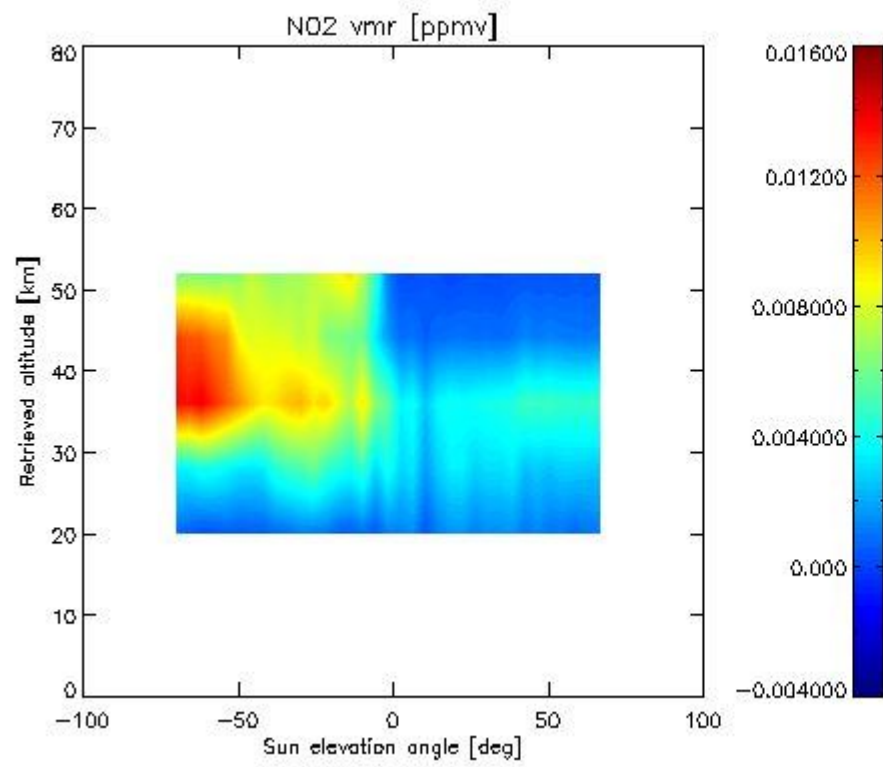
2.2.4.4 CH4 overview This section shows values (left) and error (right) for CH4 after binning individual sweep values over retrieved altitude and tangent latitude.



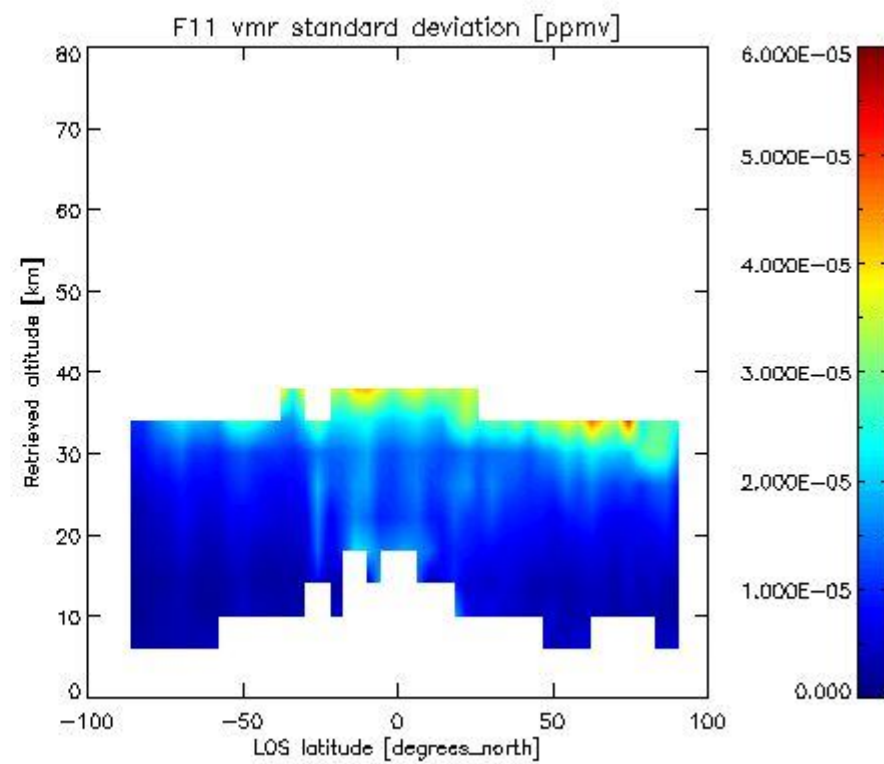
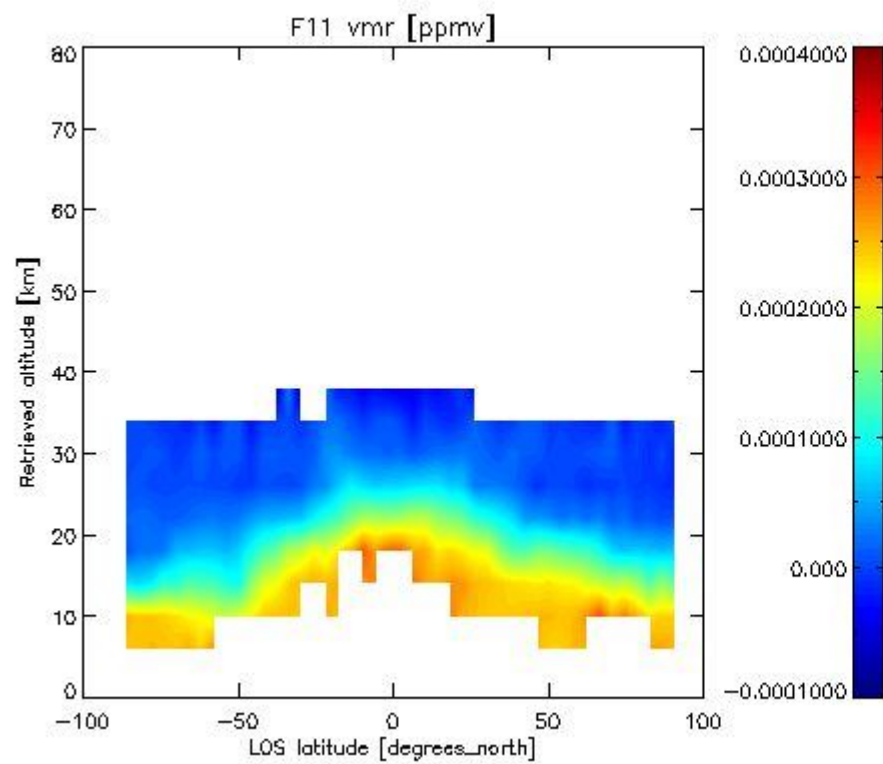
2.2.4.5 N2O overview This section shows values (left) and error (right) for N2O after binning individual sweep values over retrieved altitude and tangent latitude.



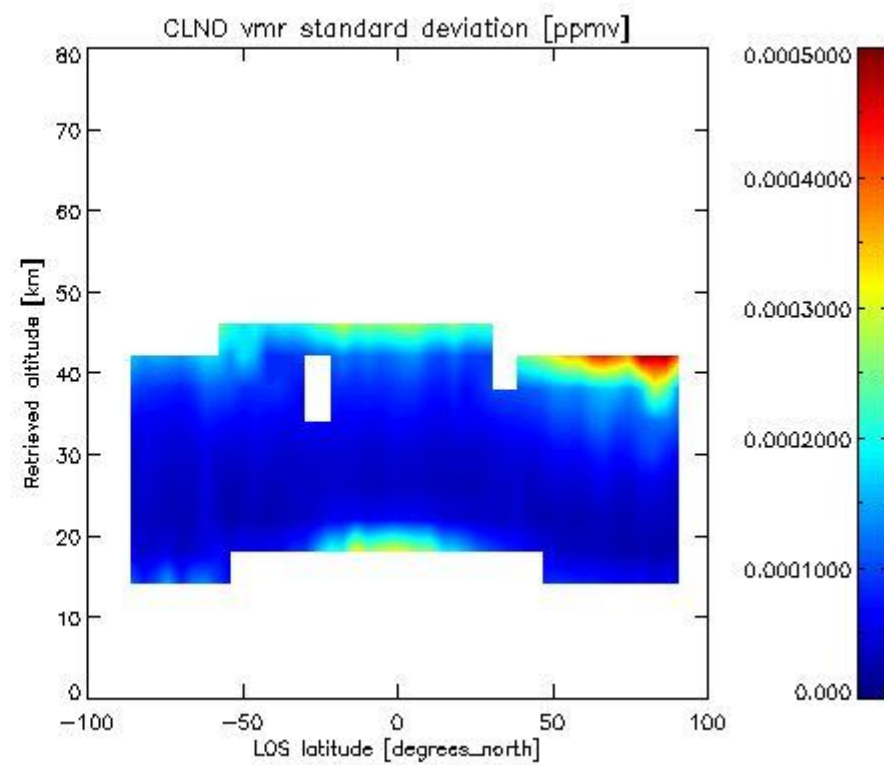
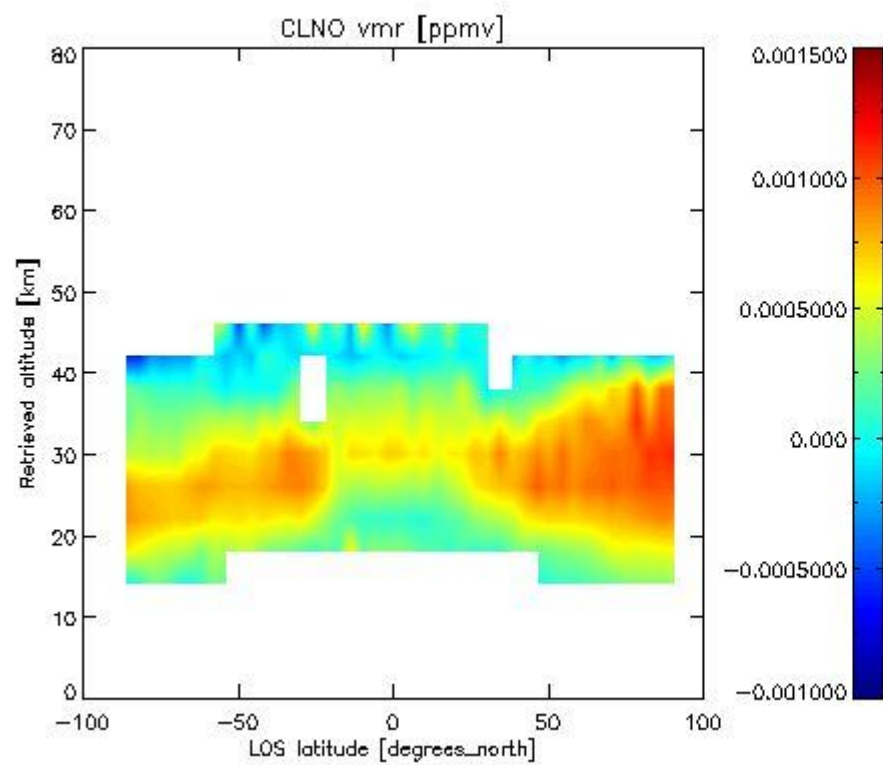
2.2.4.6 NO₂ overview This section shows values (left) and error (right) for NO₂ after binning individual sweep values over retrieved altitude and Sun Elevation Angle. Note that for NO₂ the bin heights are 6 km.

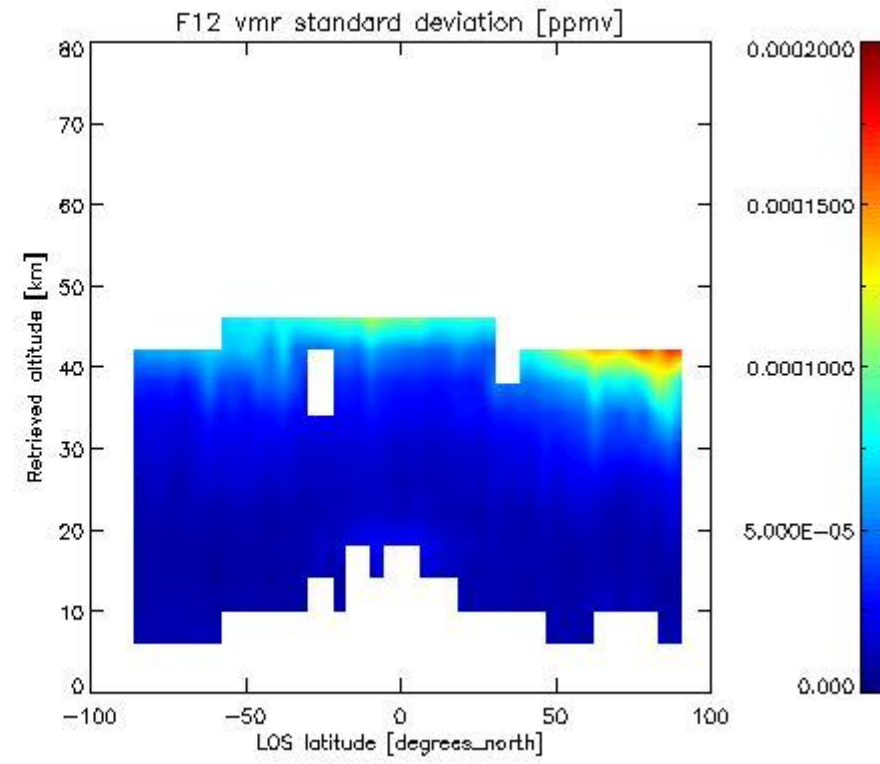
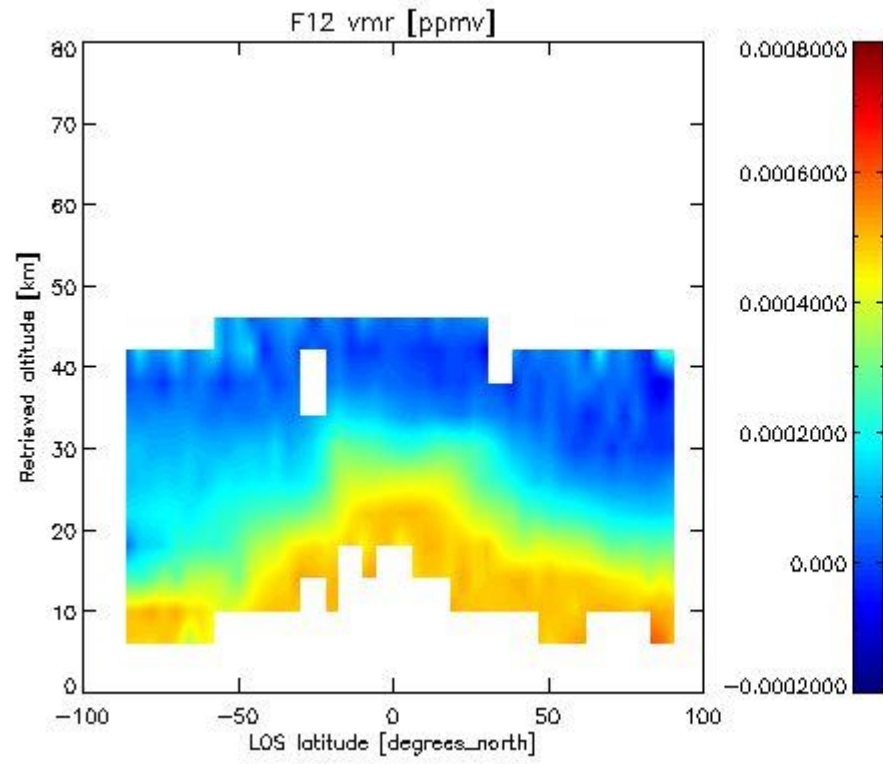
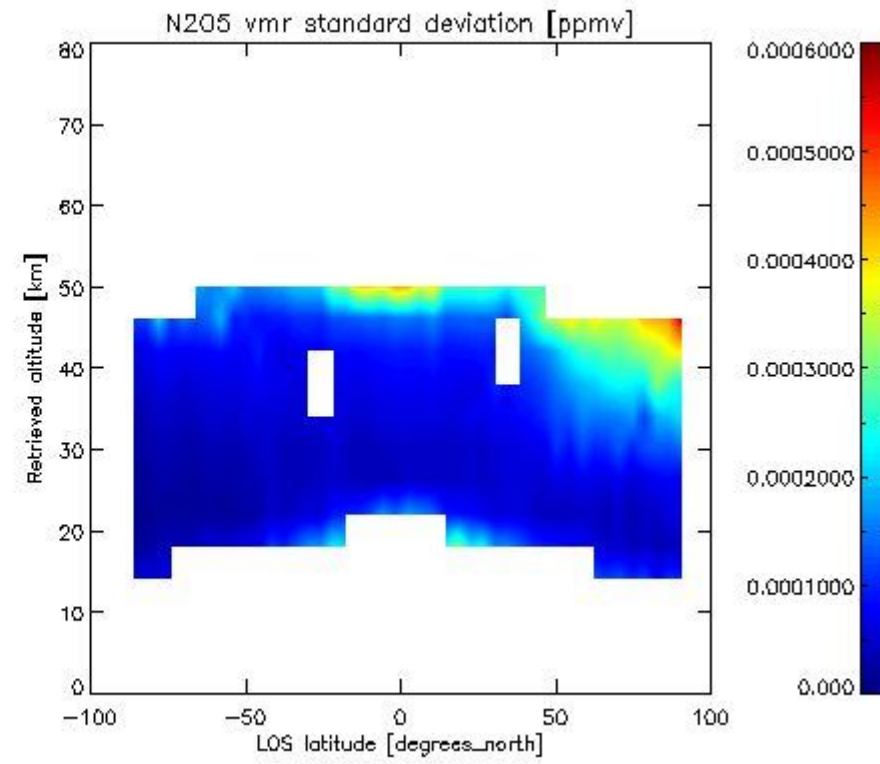
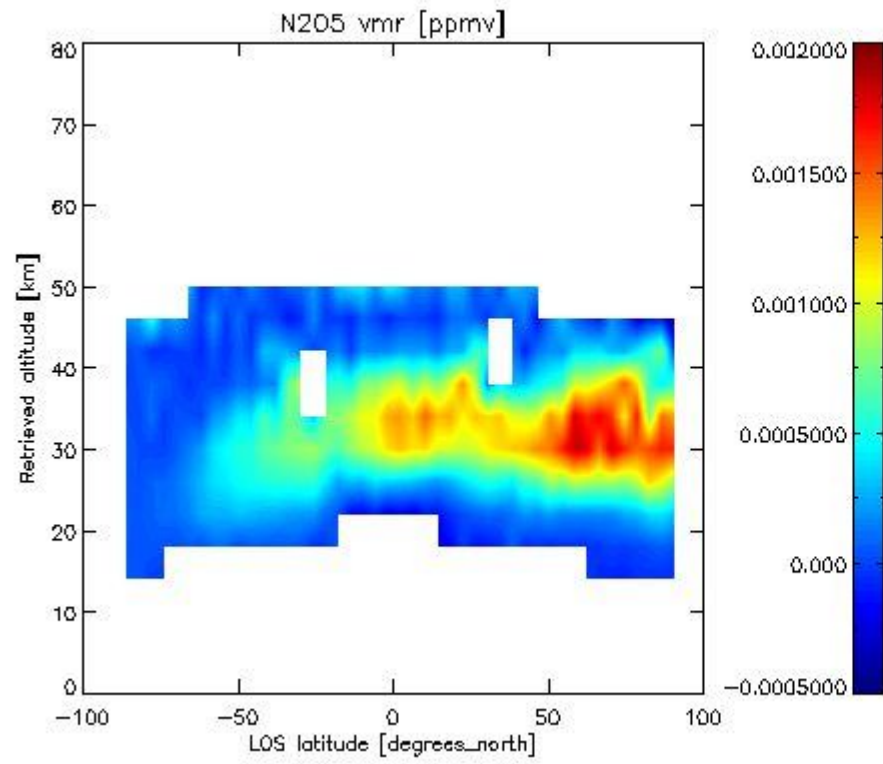


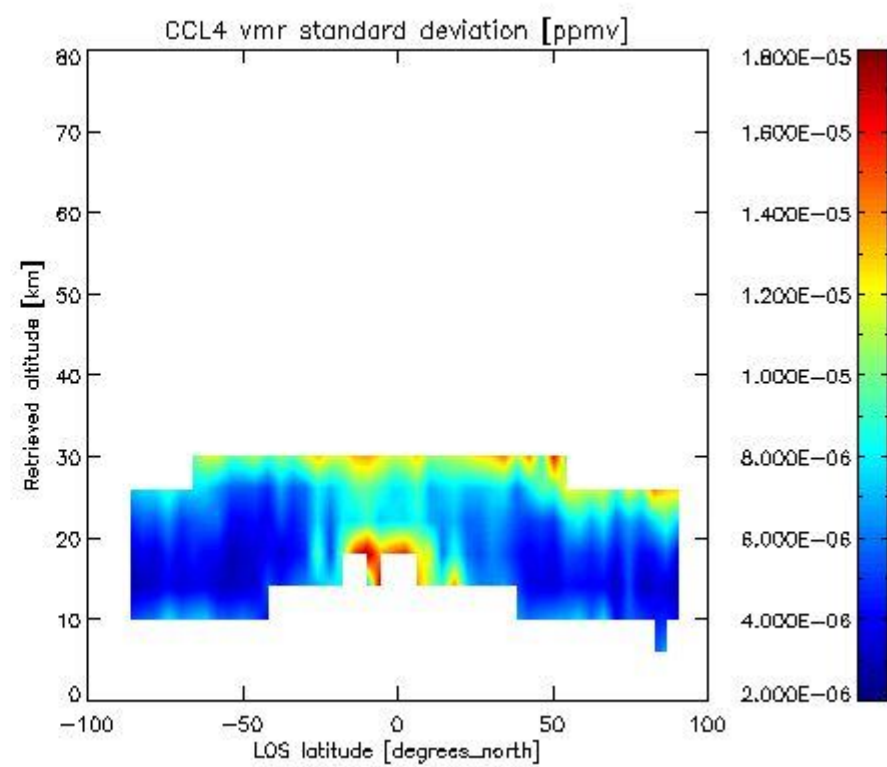
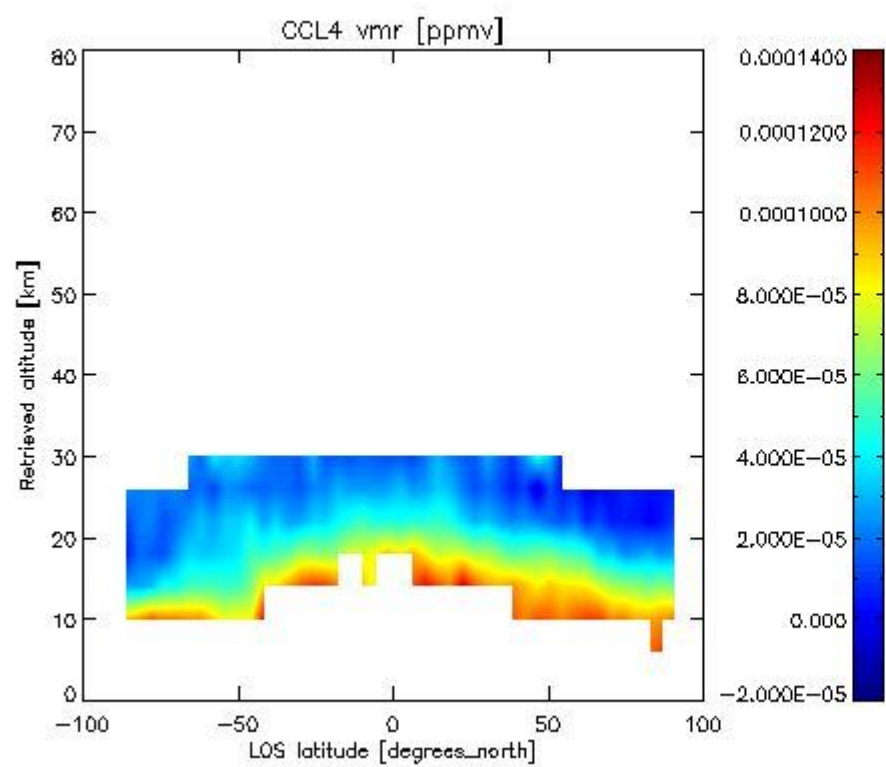
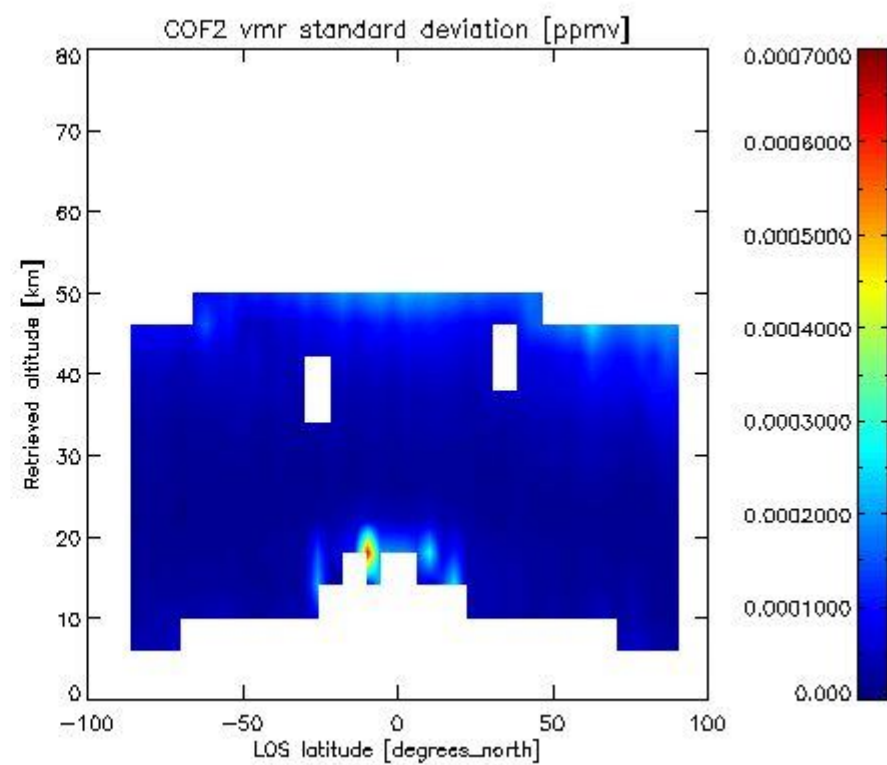
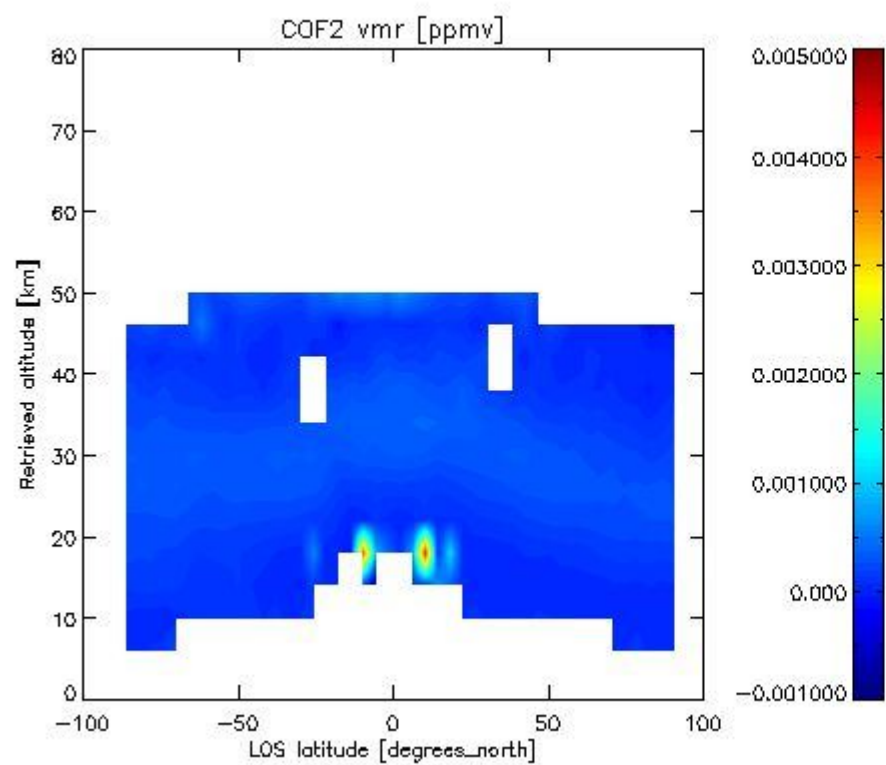
2.2.4.7 F11 overview This section shows values (left) and error (right) for F11 after binning individual sweep values over retrieved altitude and tangent latitude.

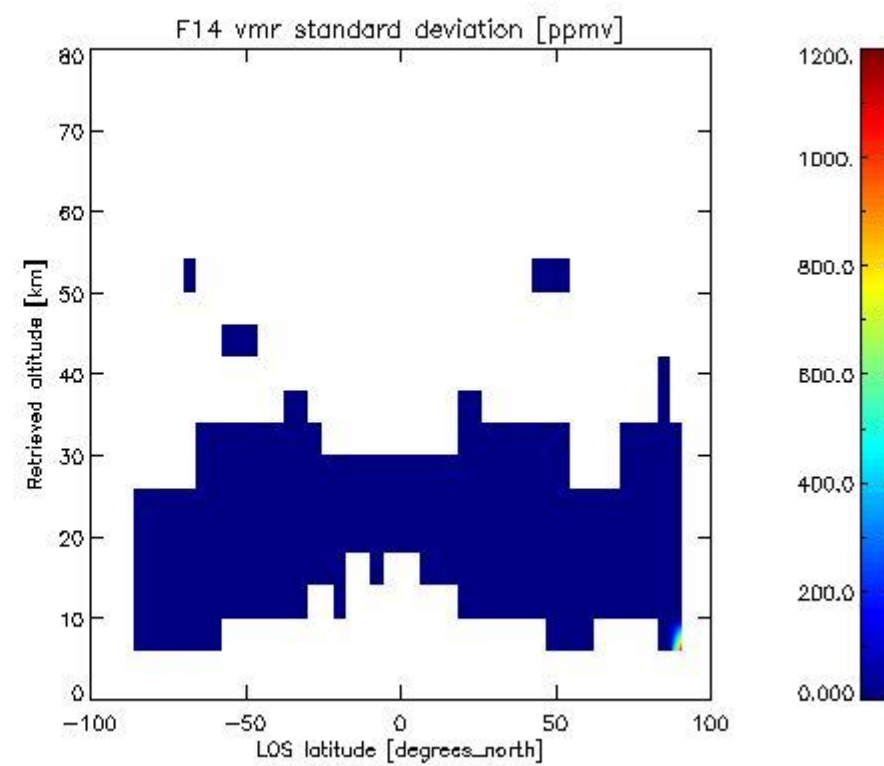
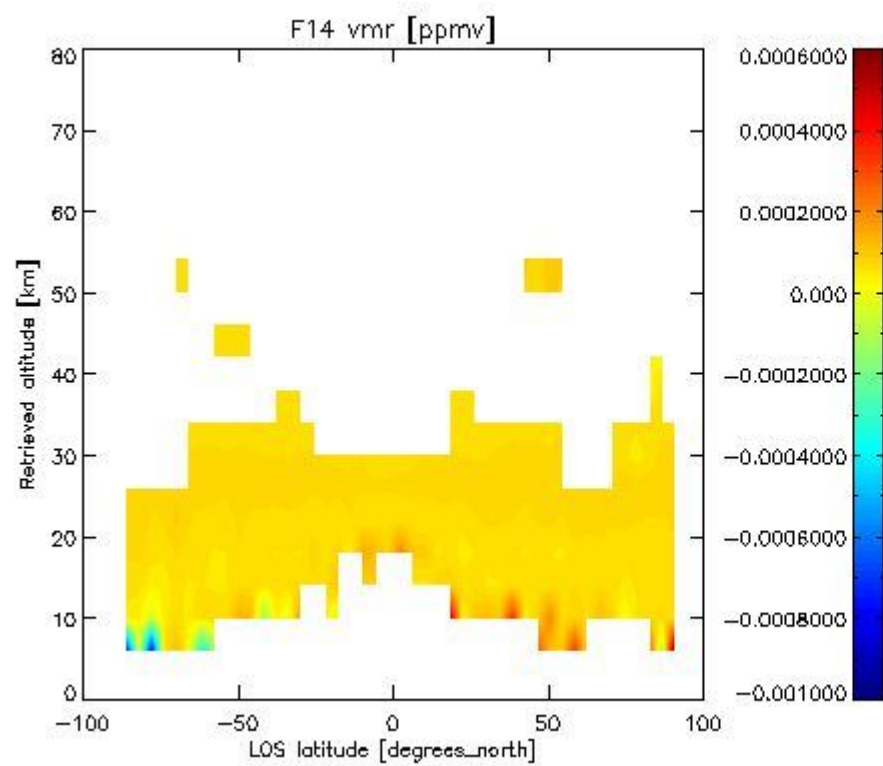
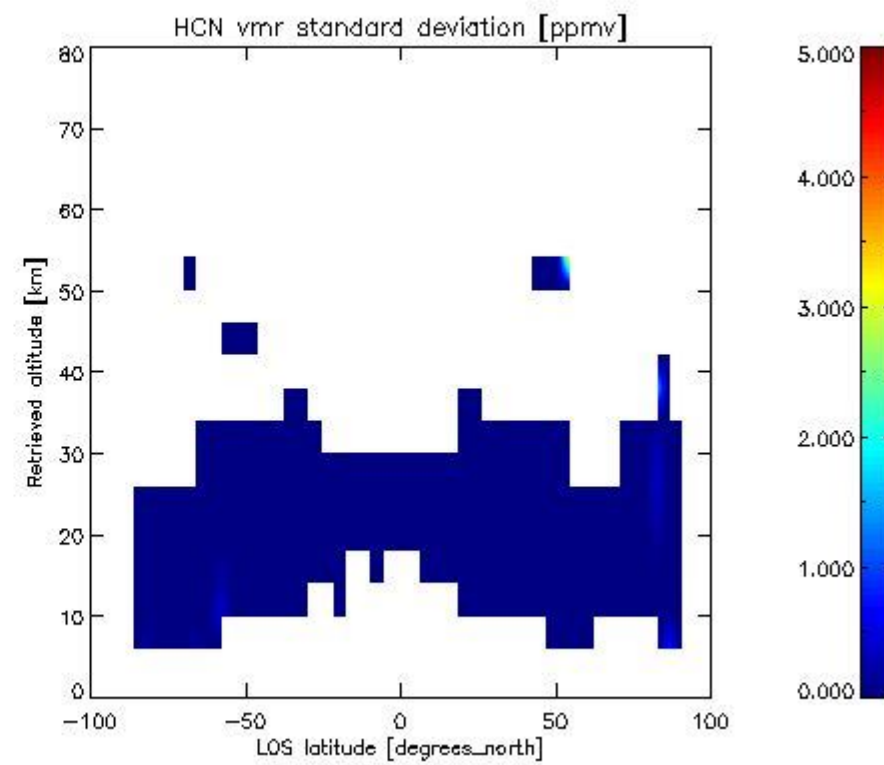
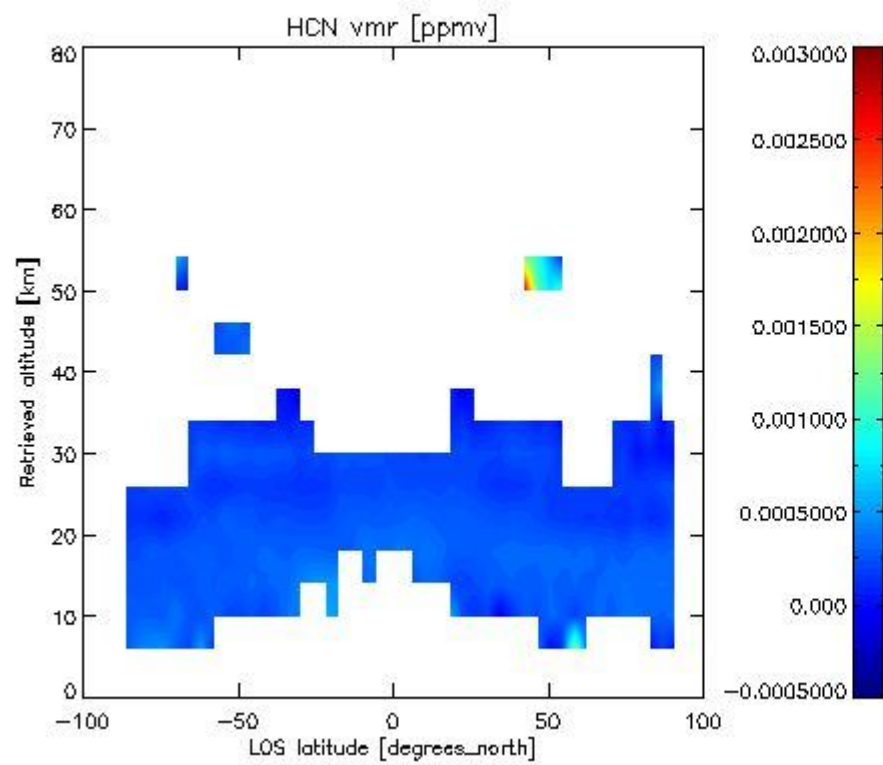


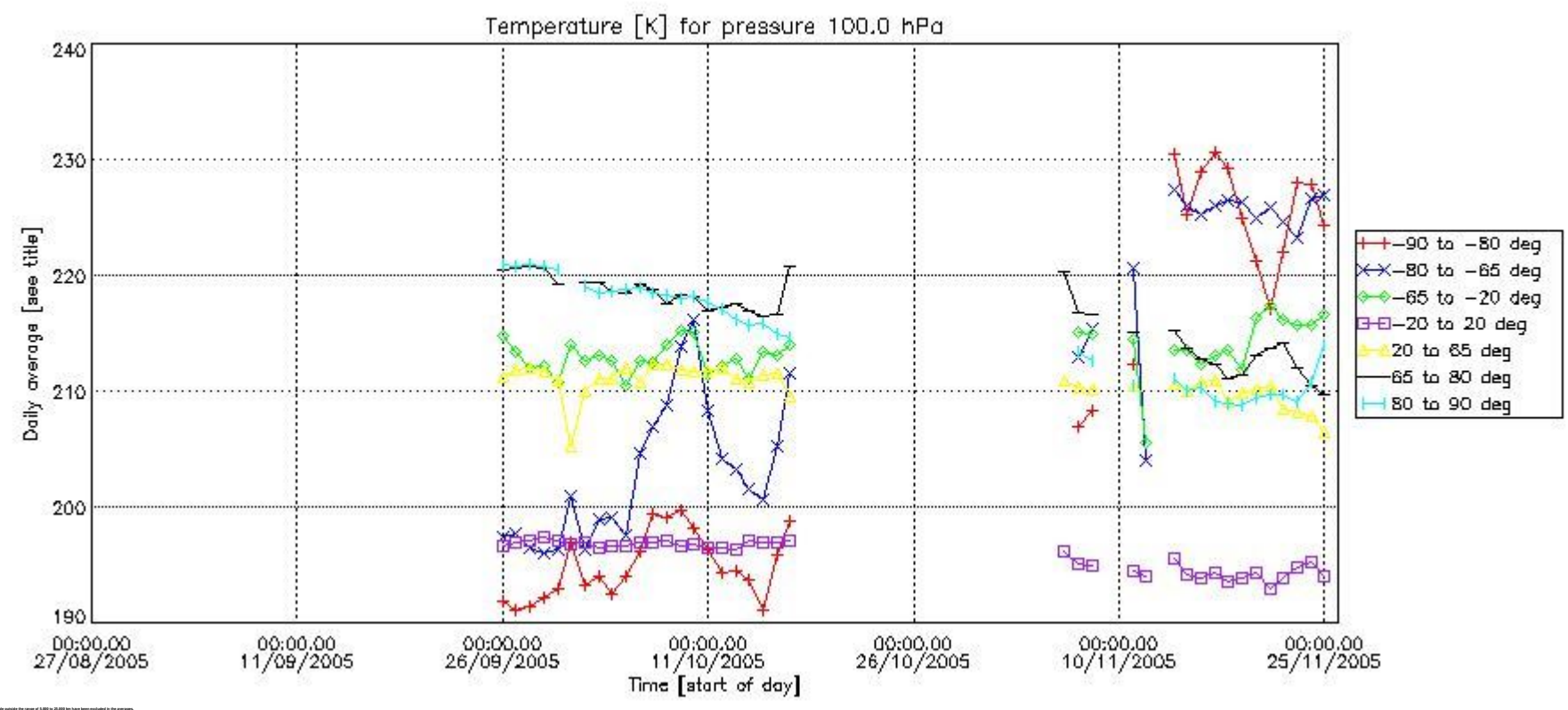
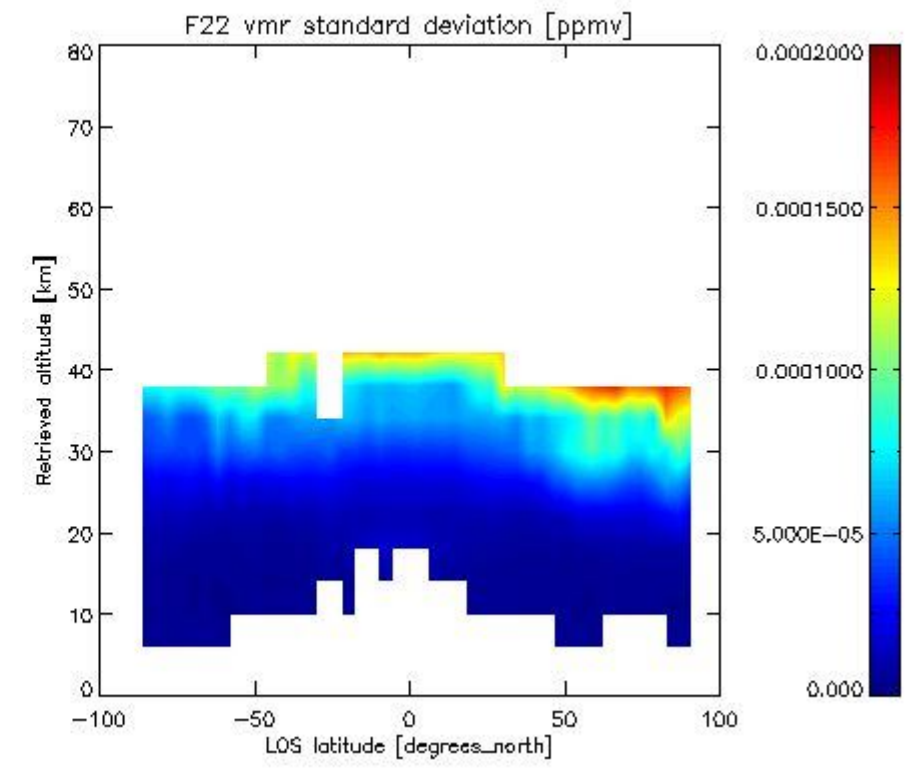
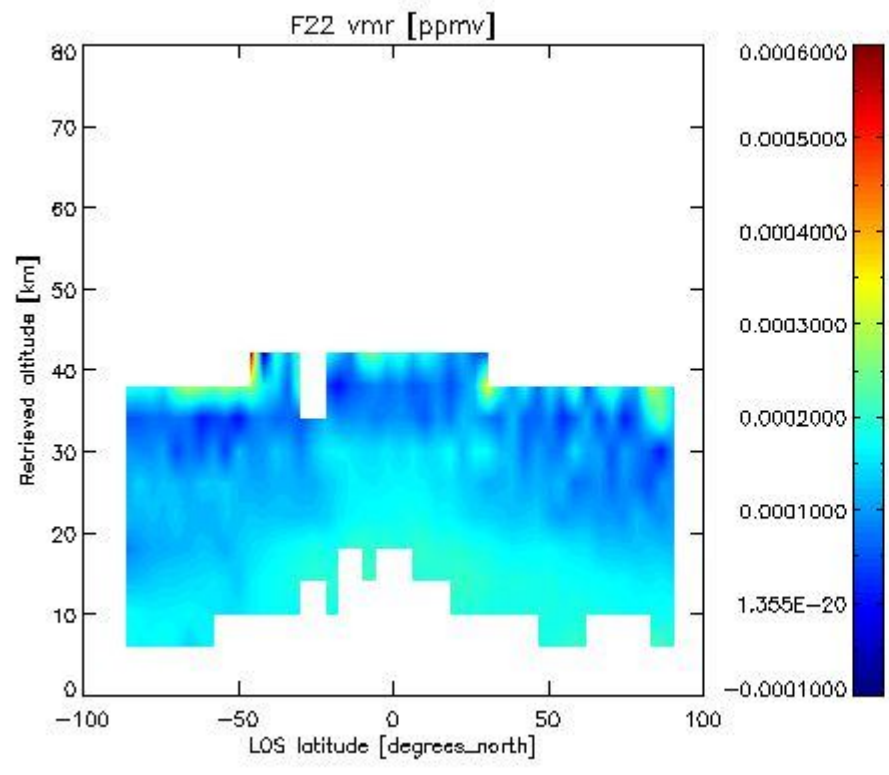
2.3.4 CLNO overview This section shows values (left) and error (right) for CLNO after binning individual sweep values over retrieved altitude and target latitude.

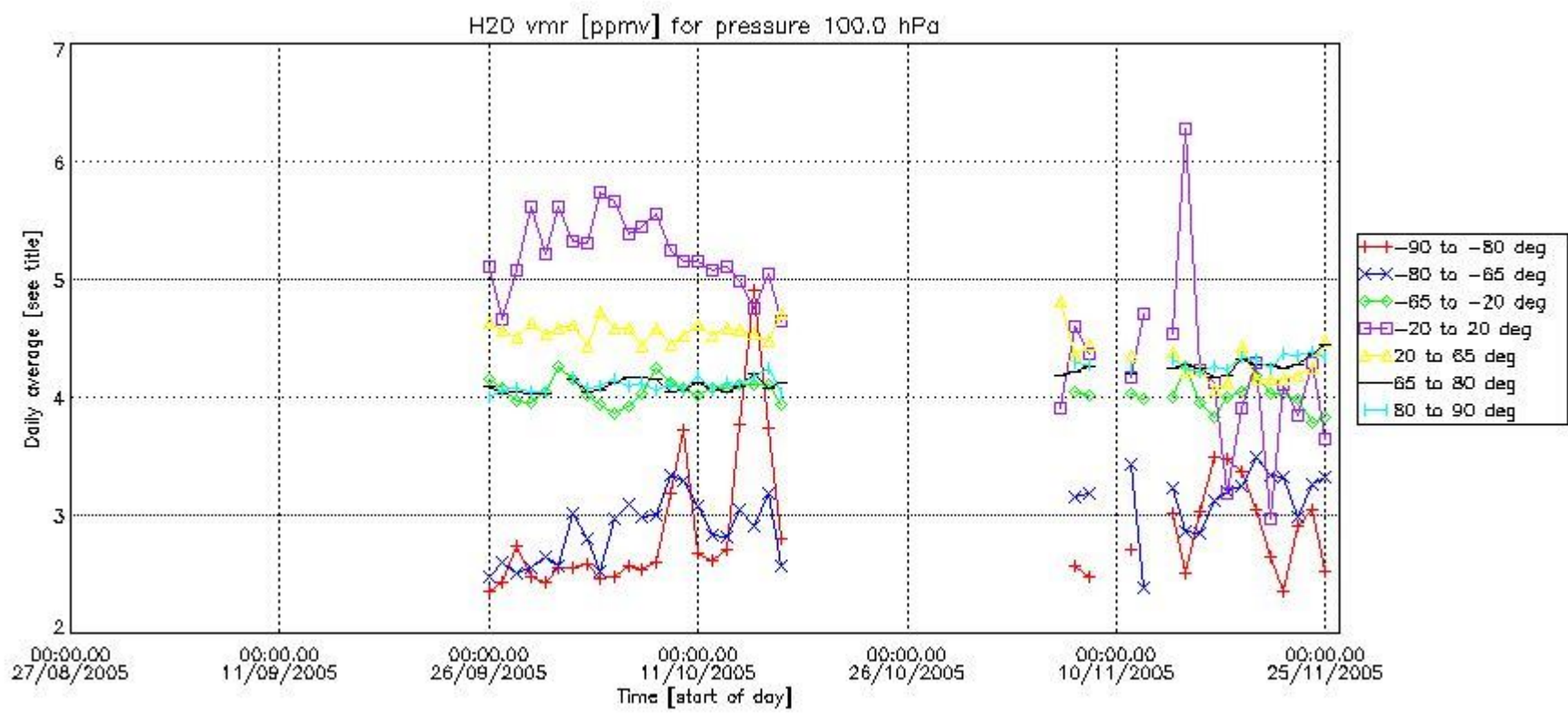
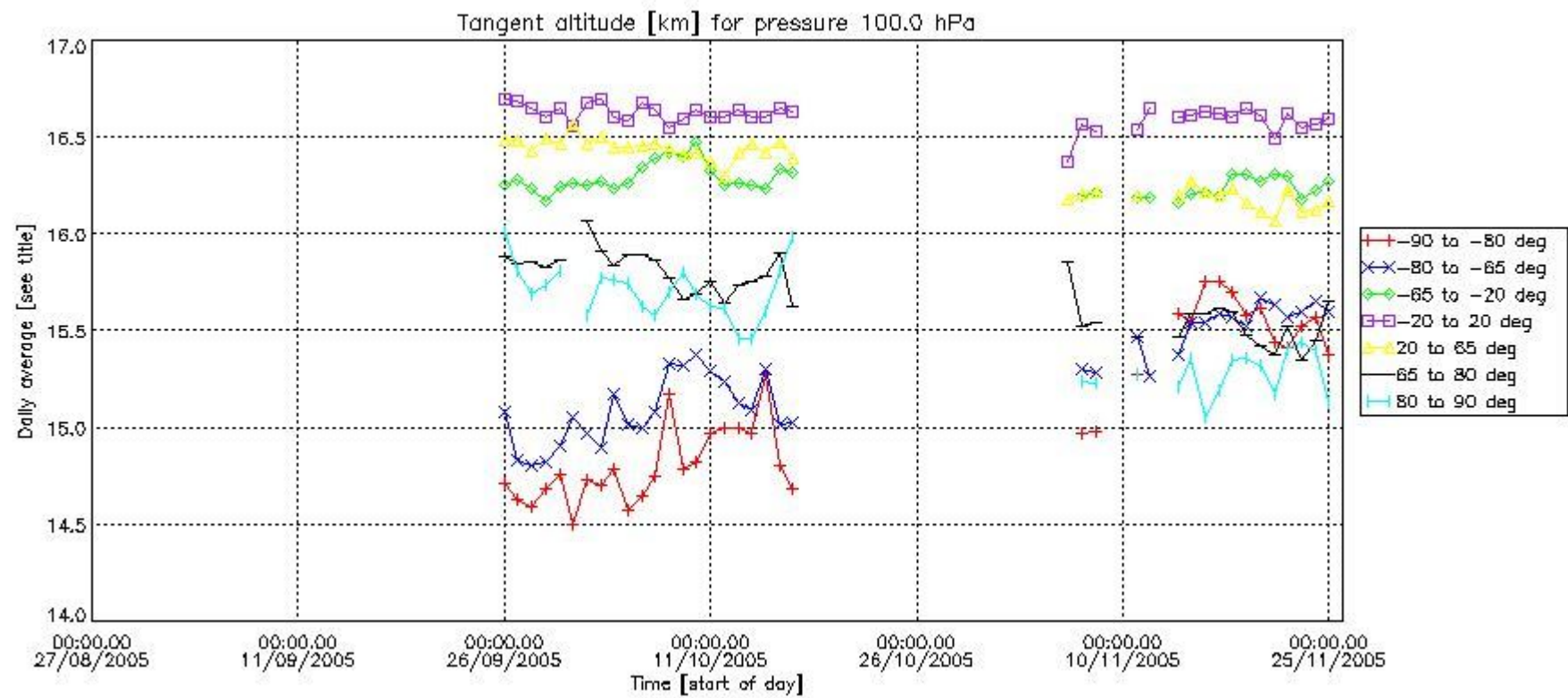


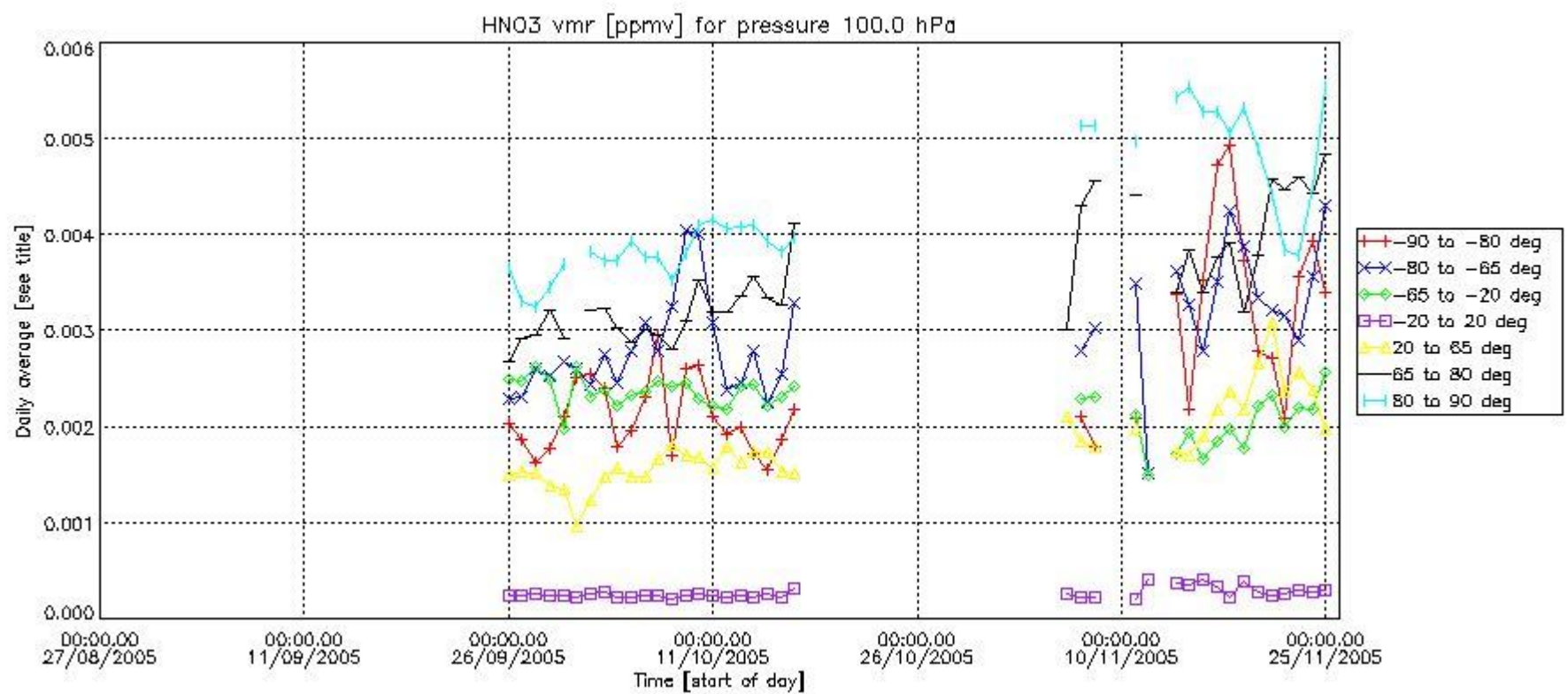
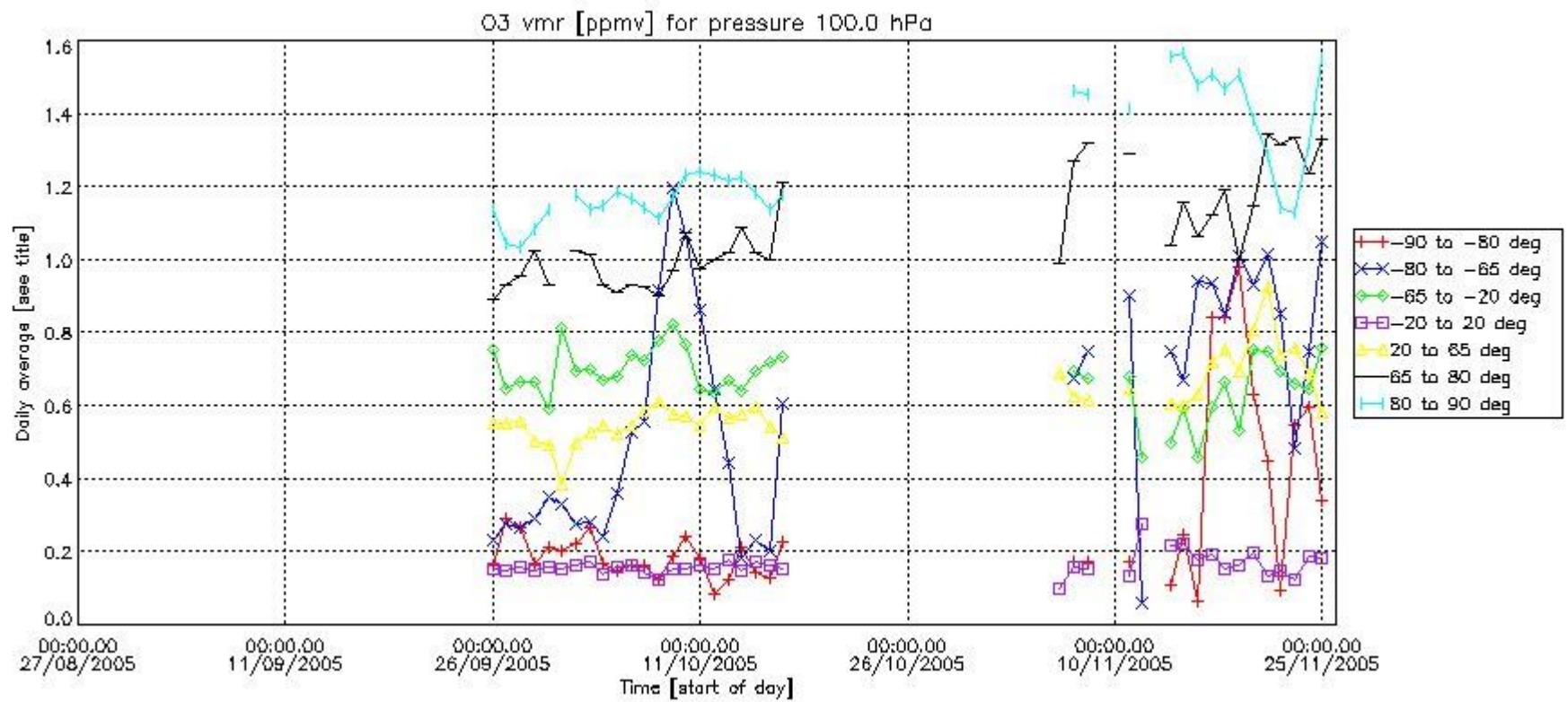


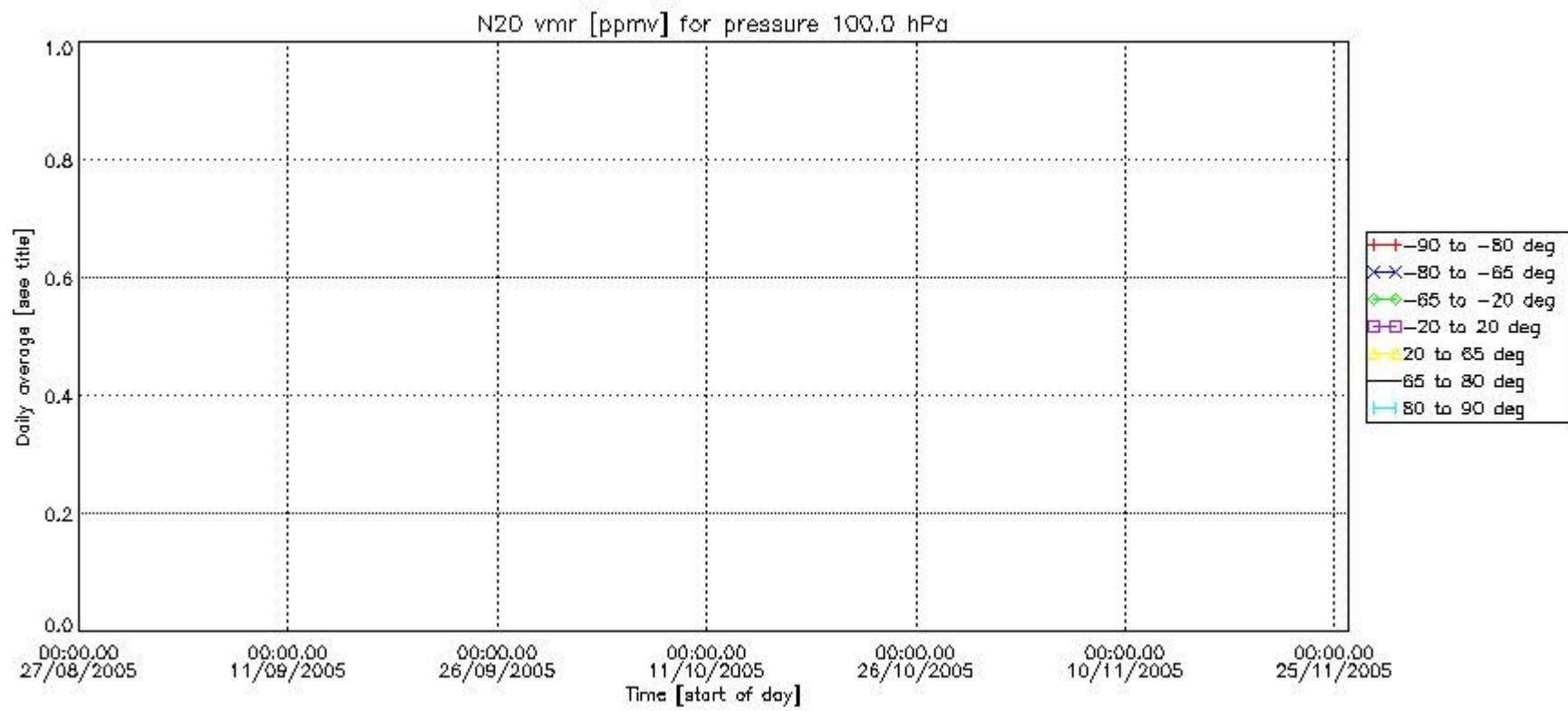
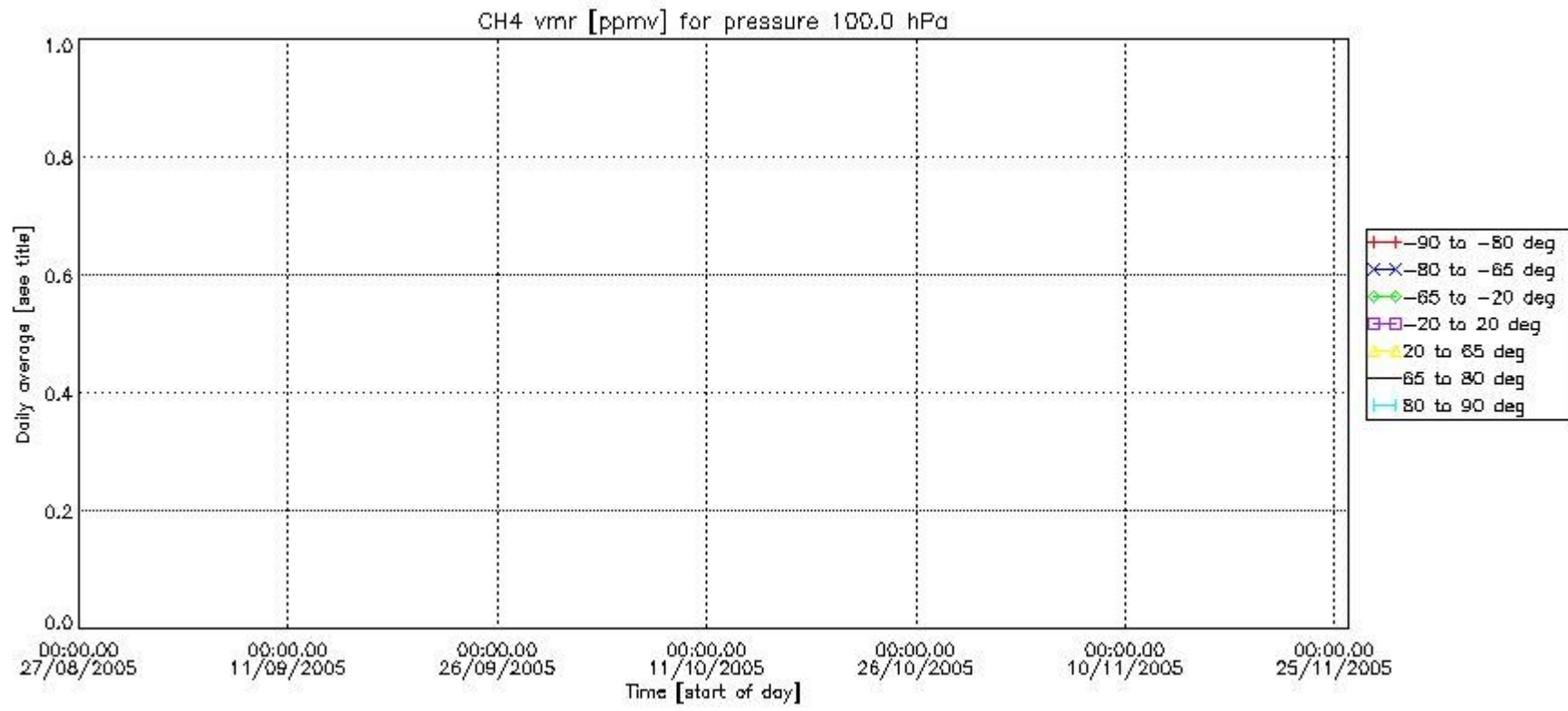


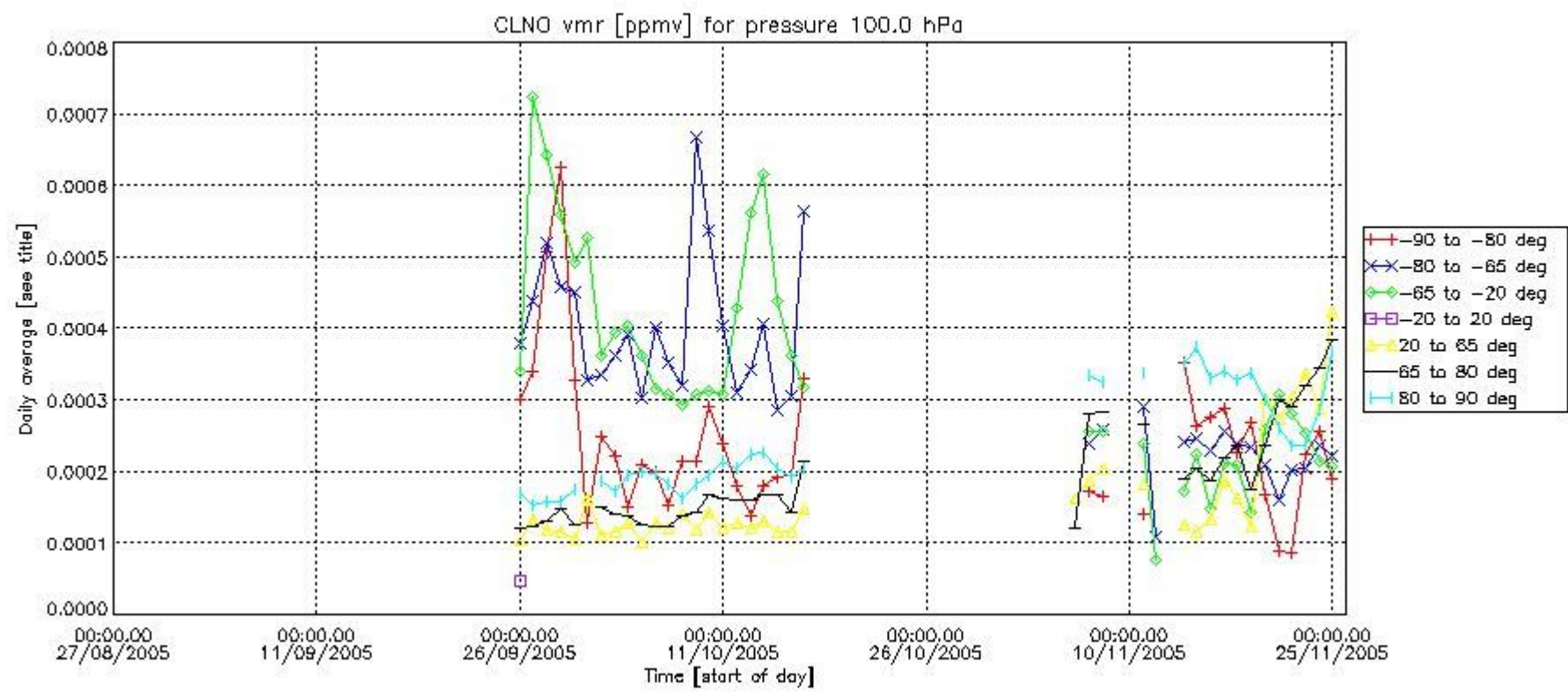
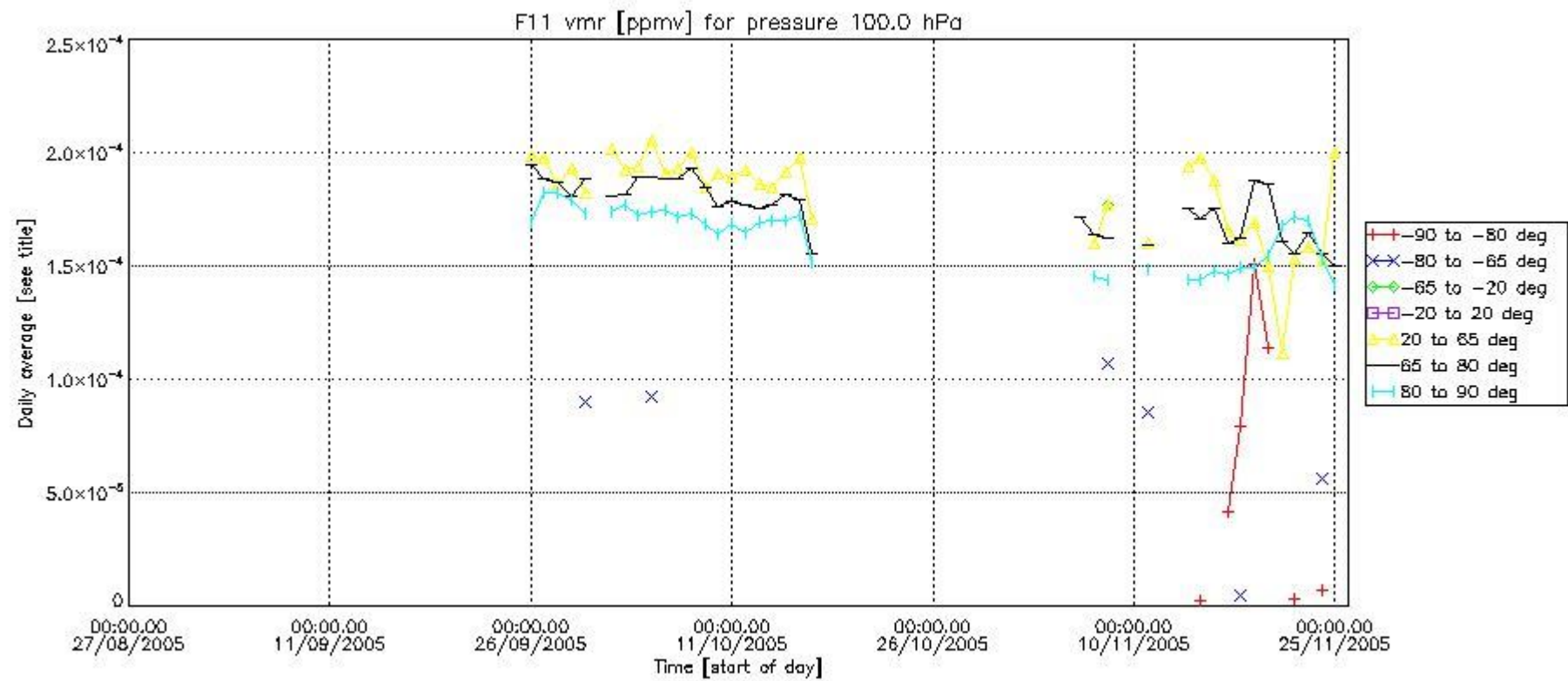


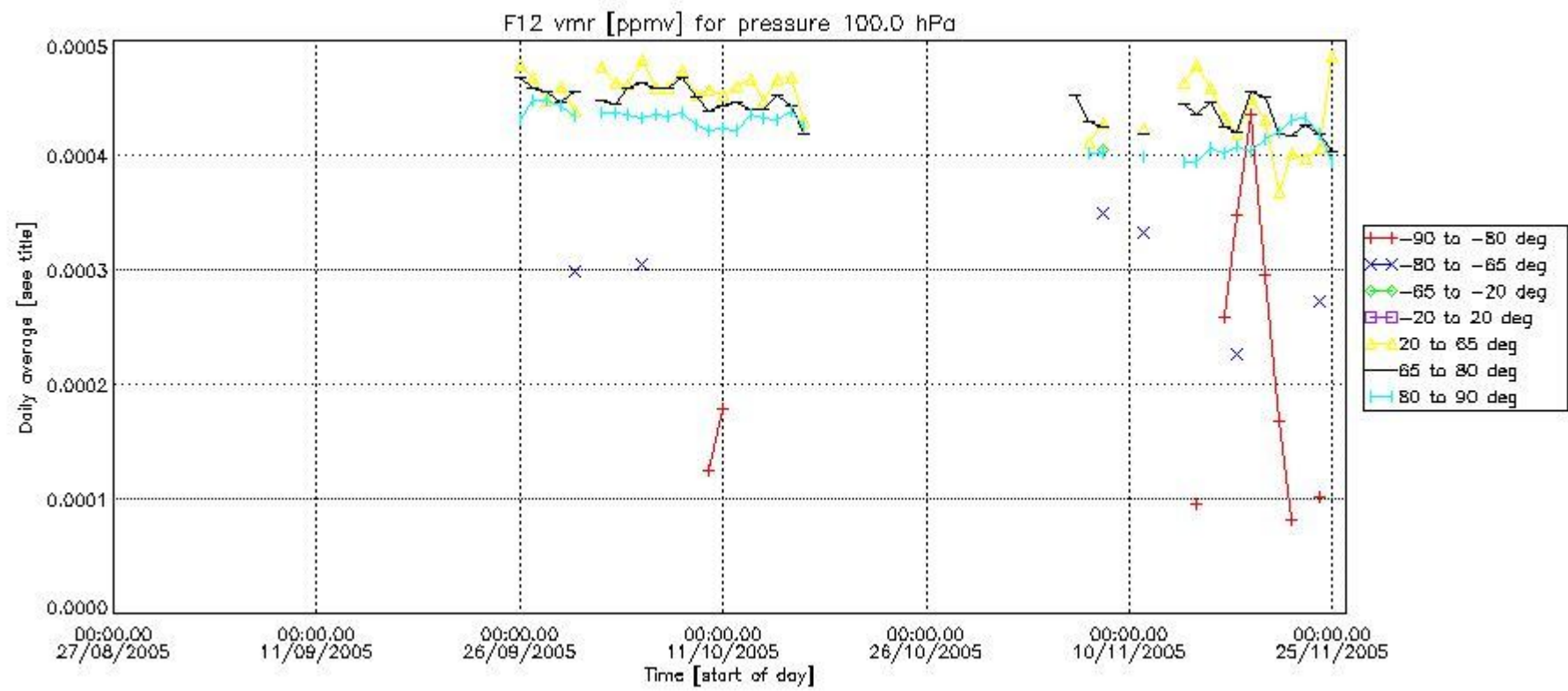
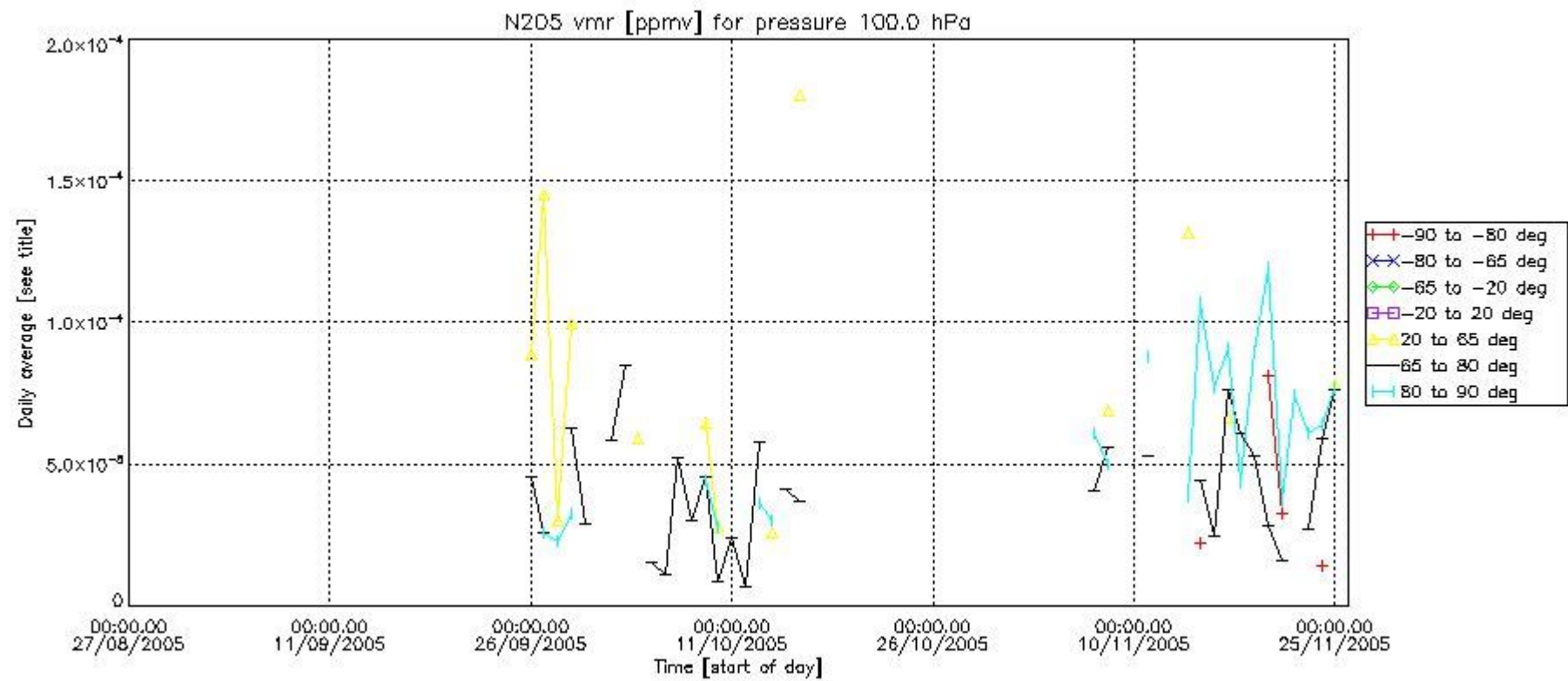


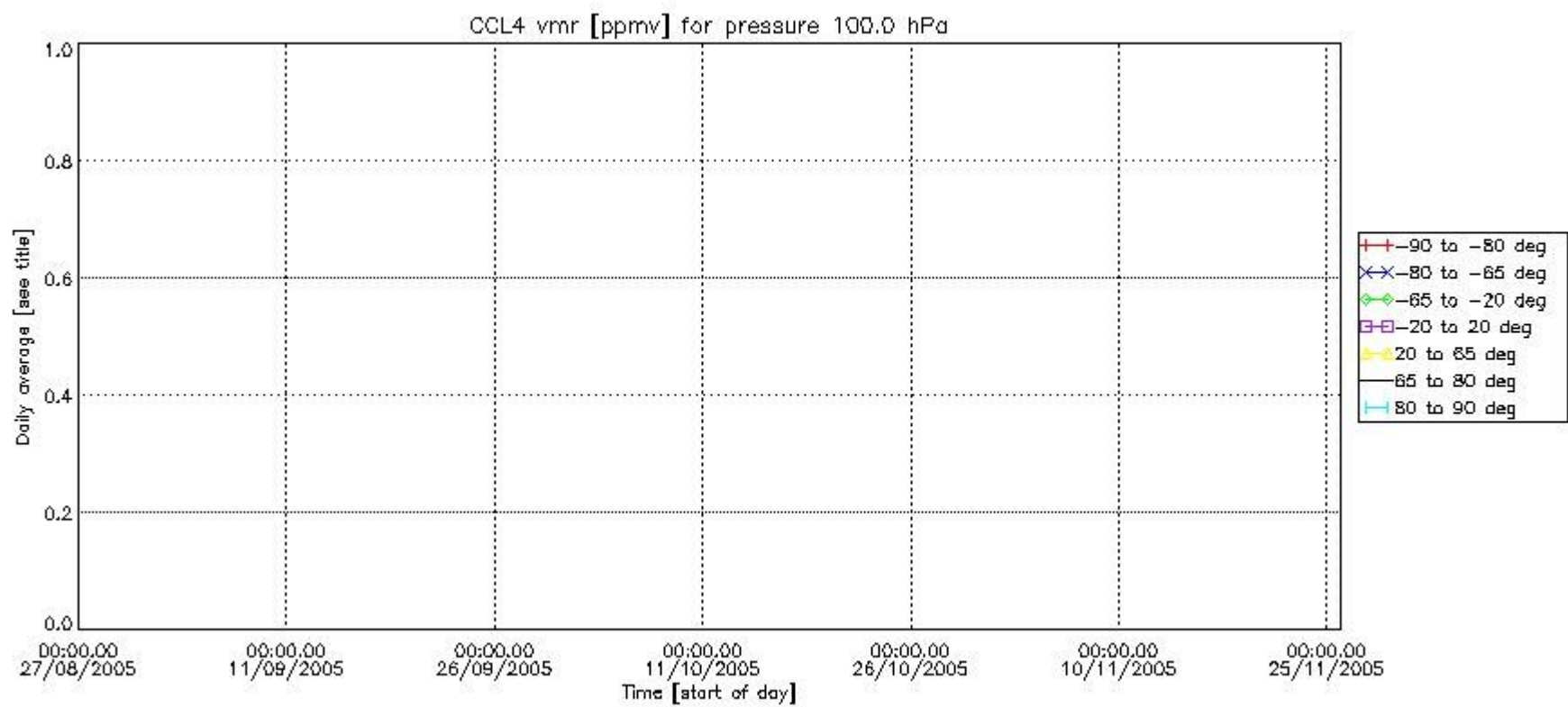
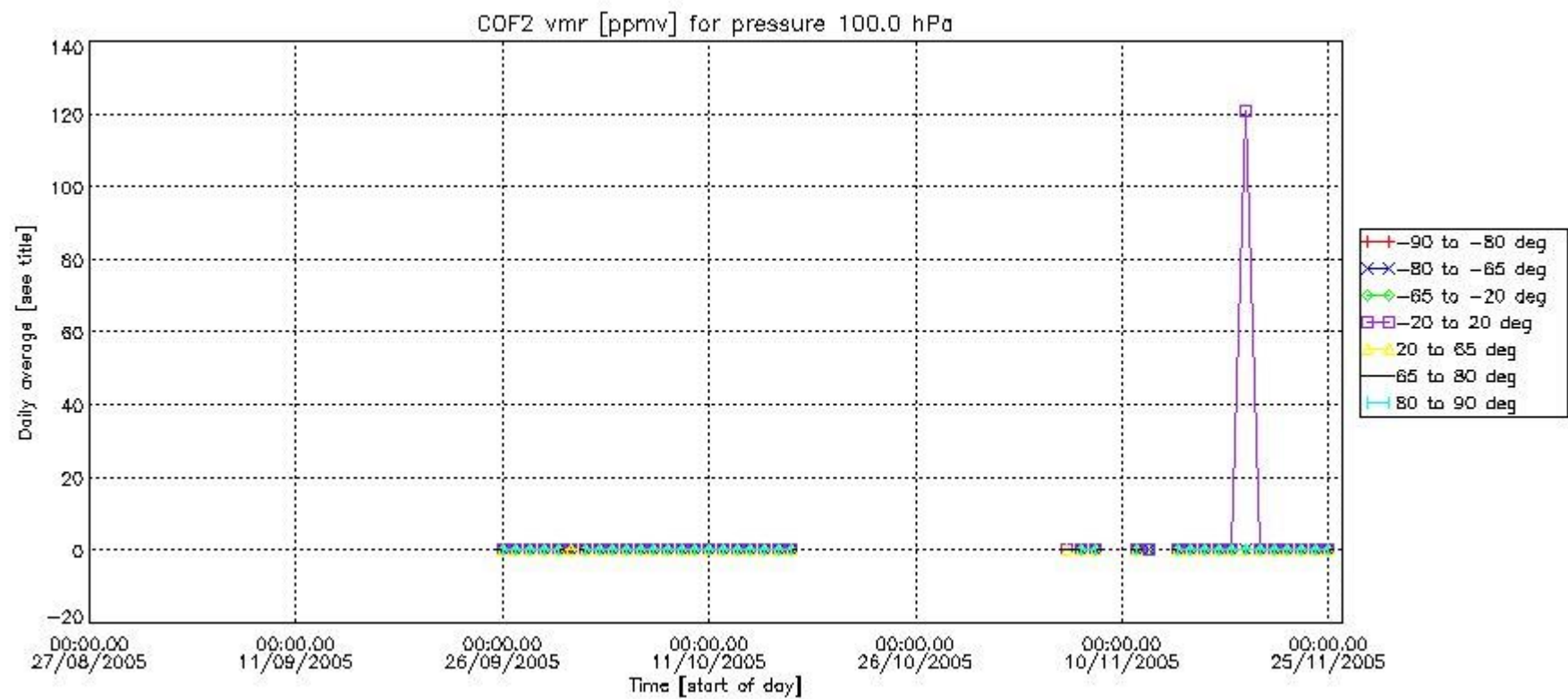


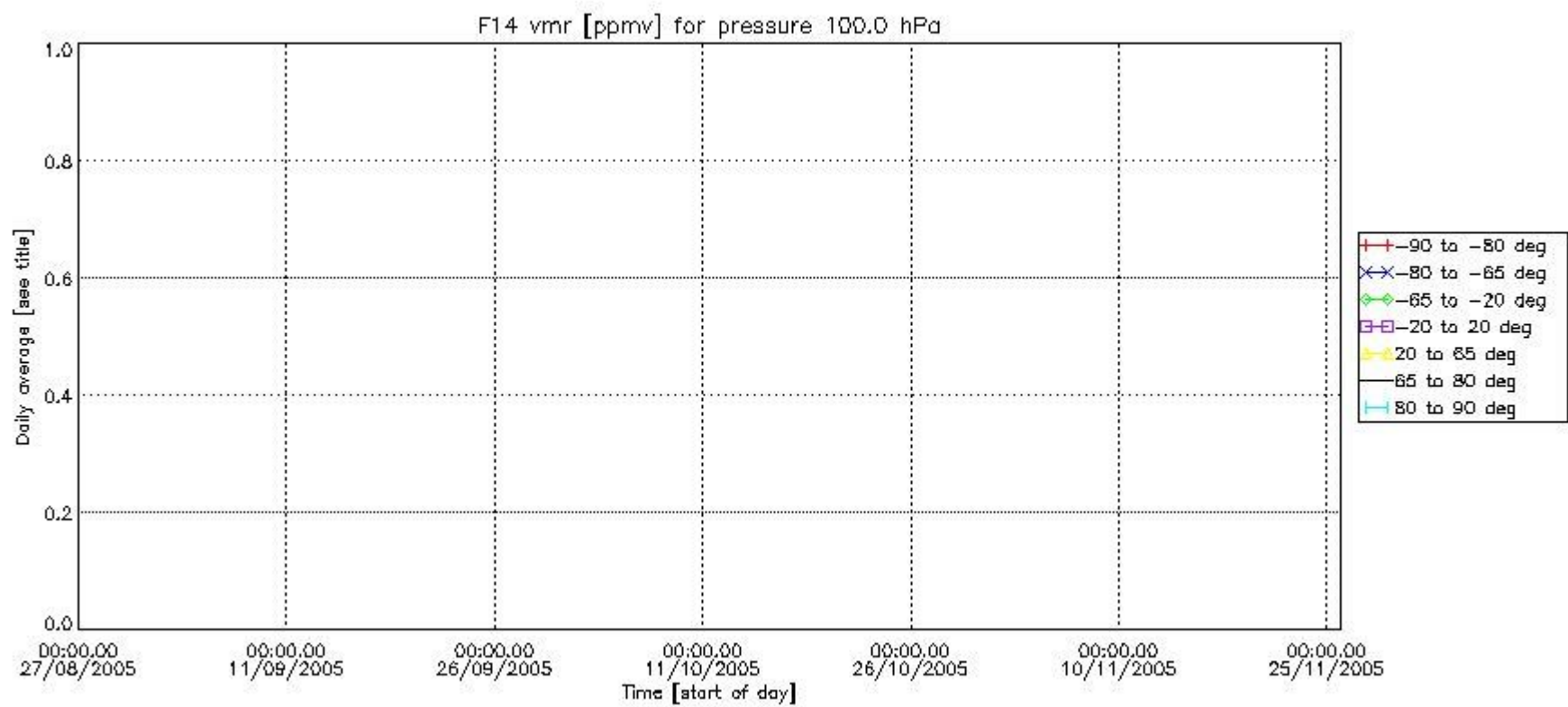
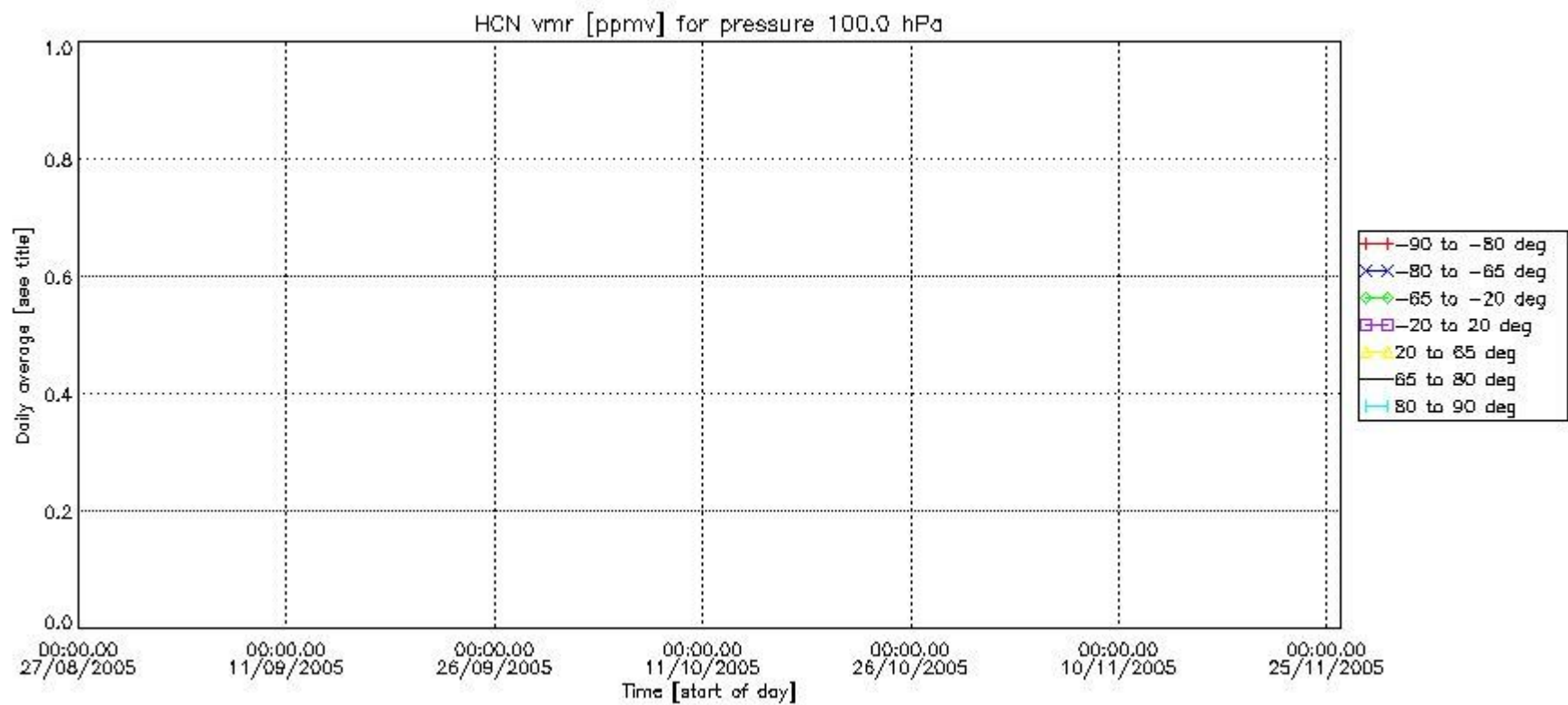


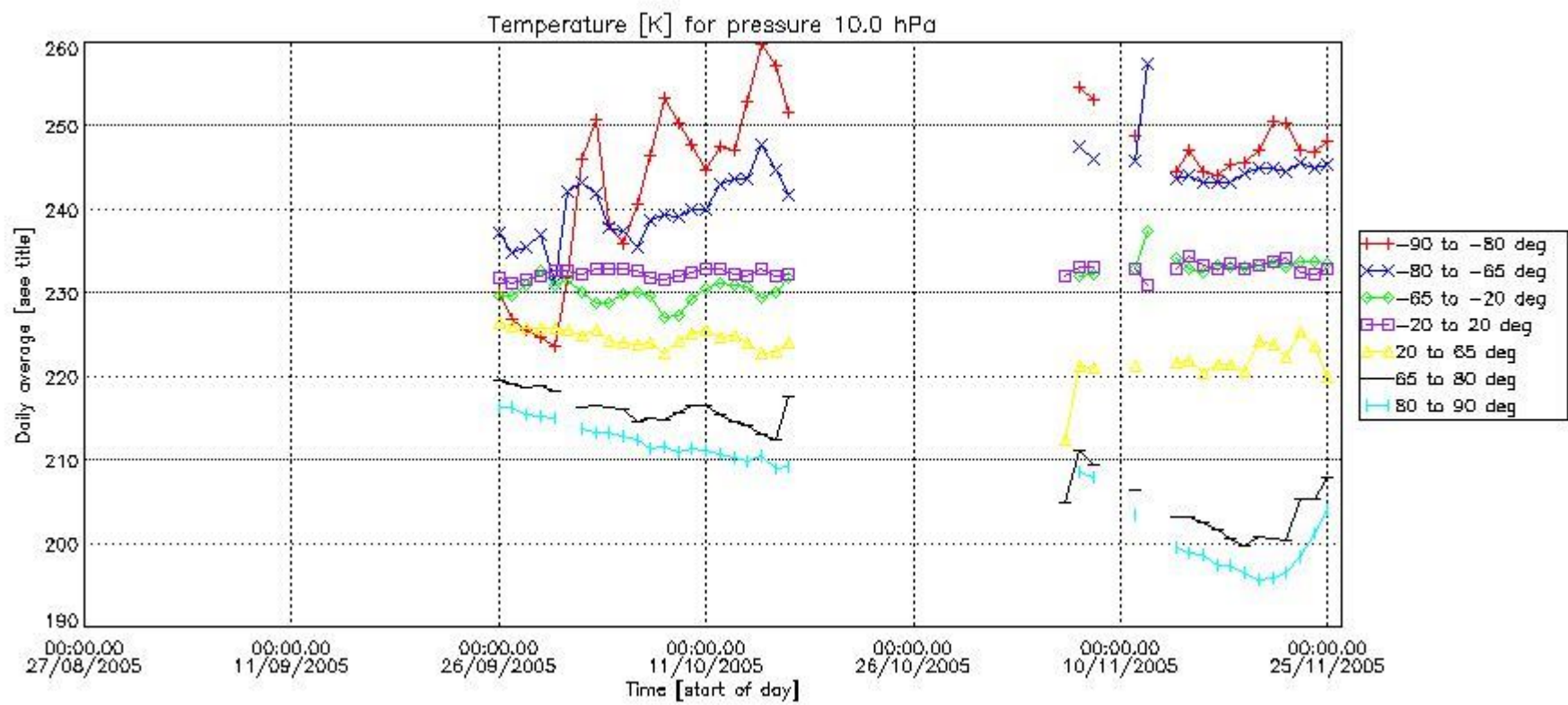
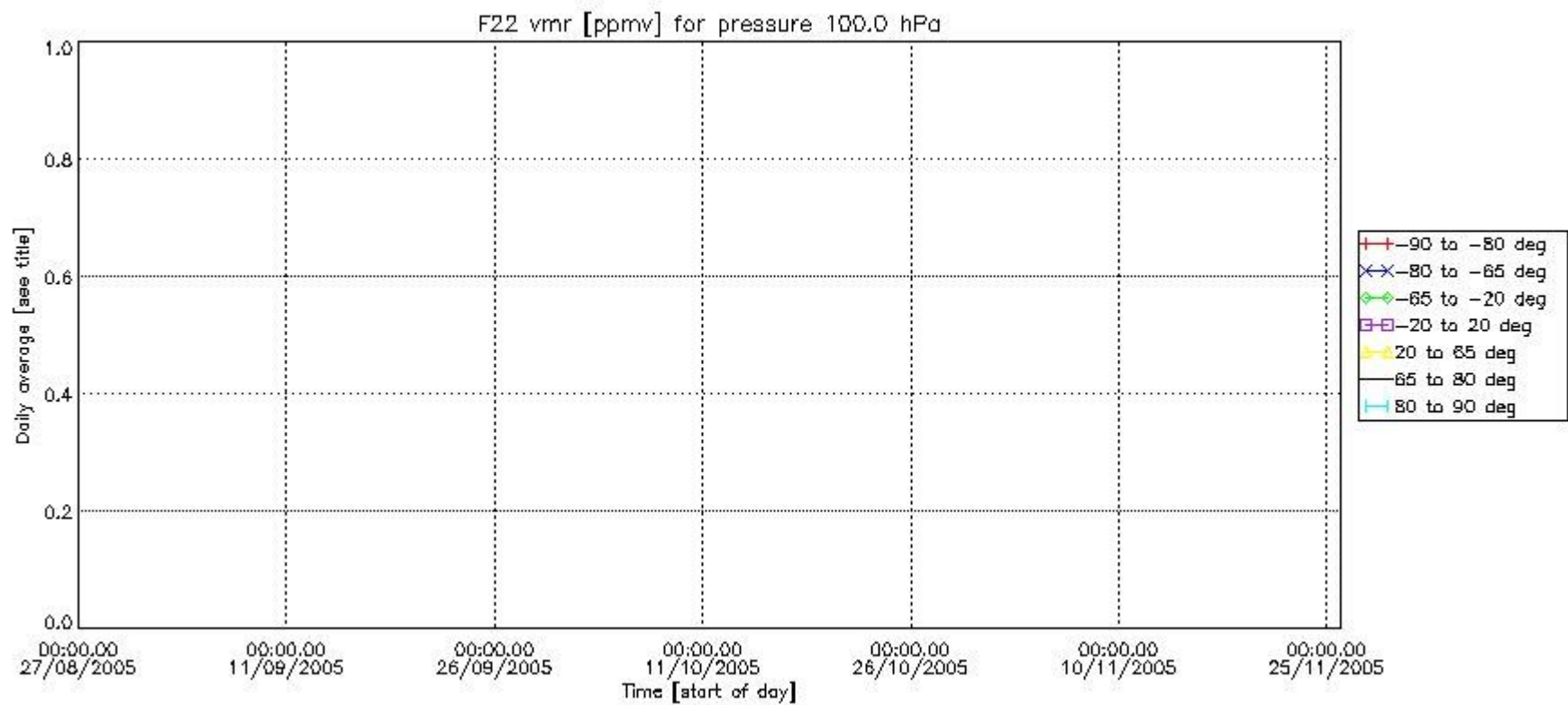


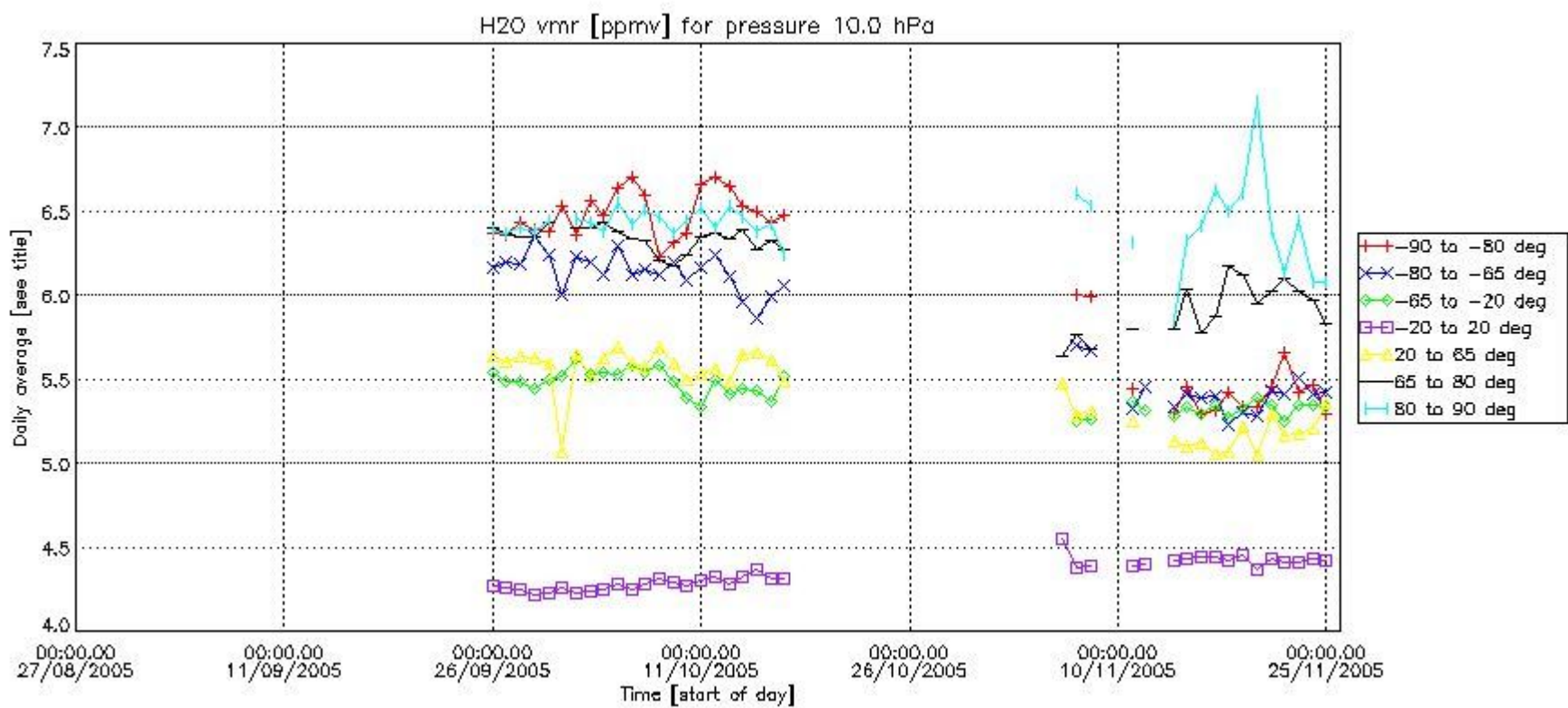
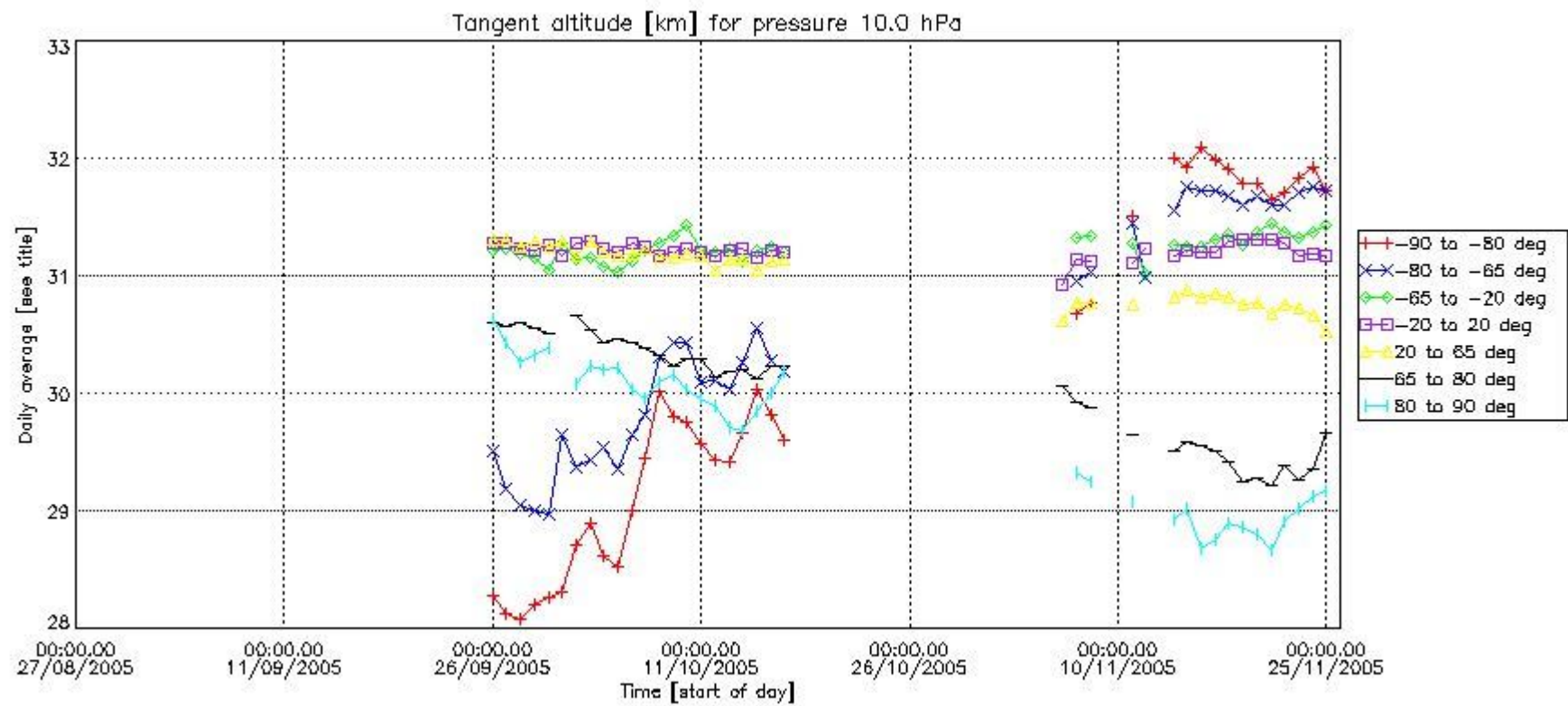


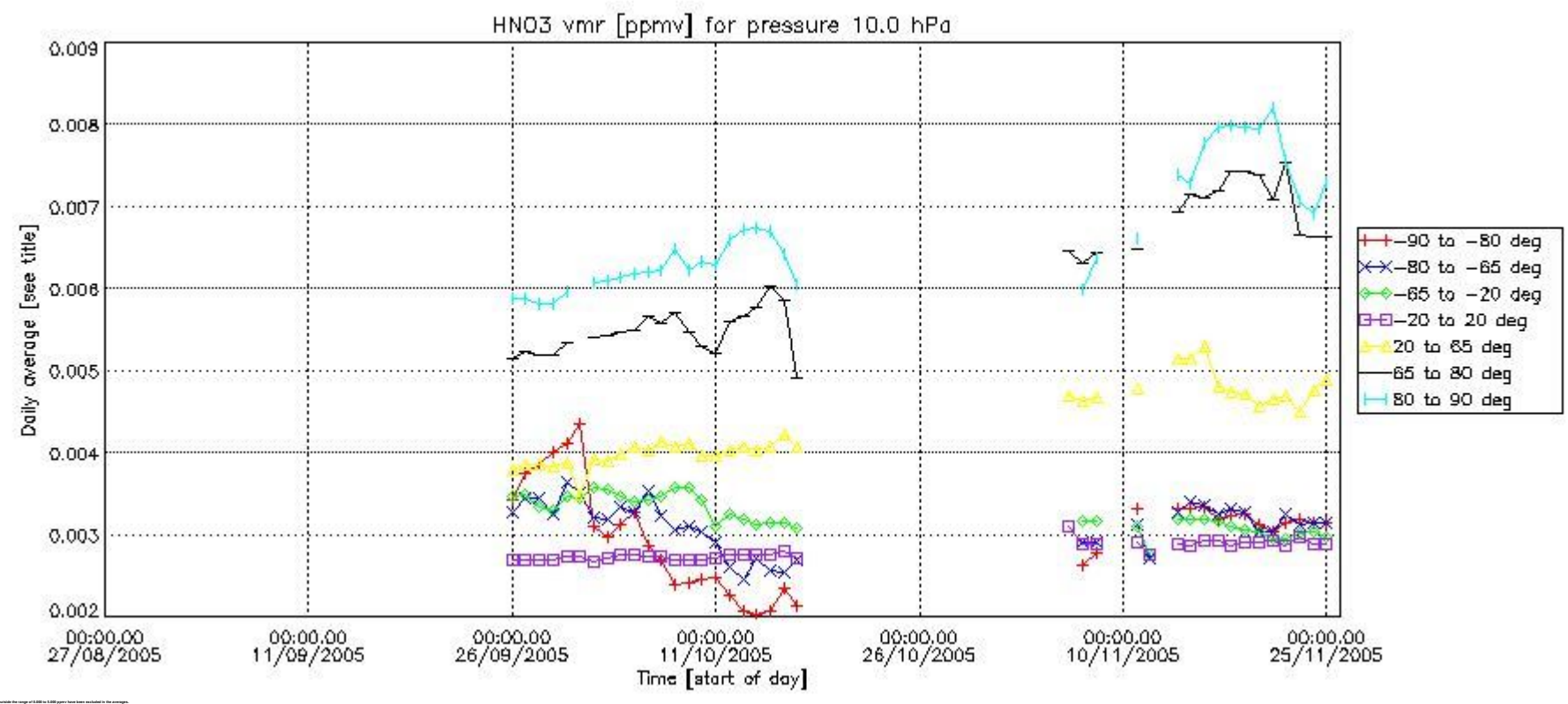
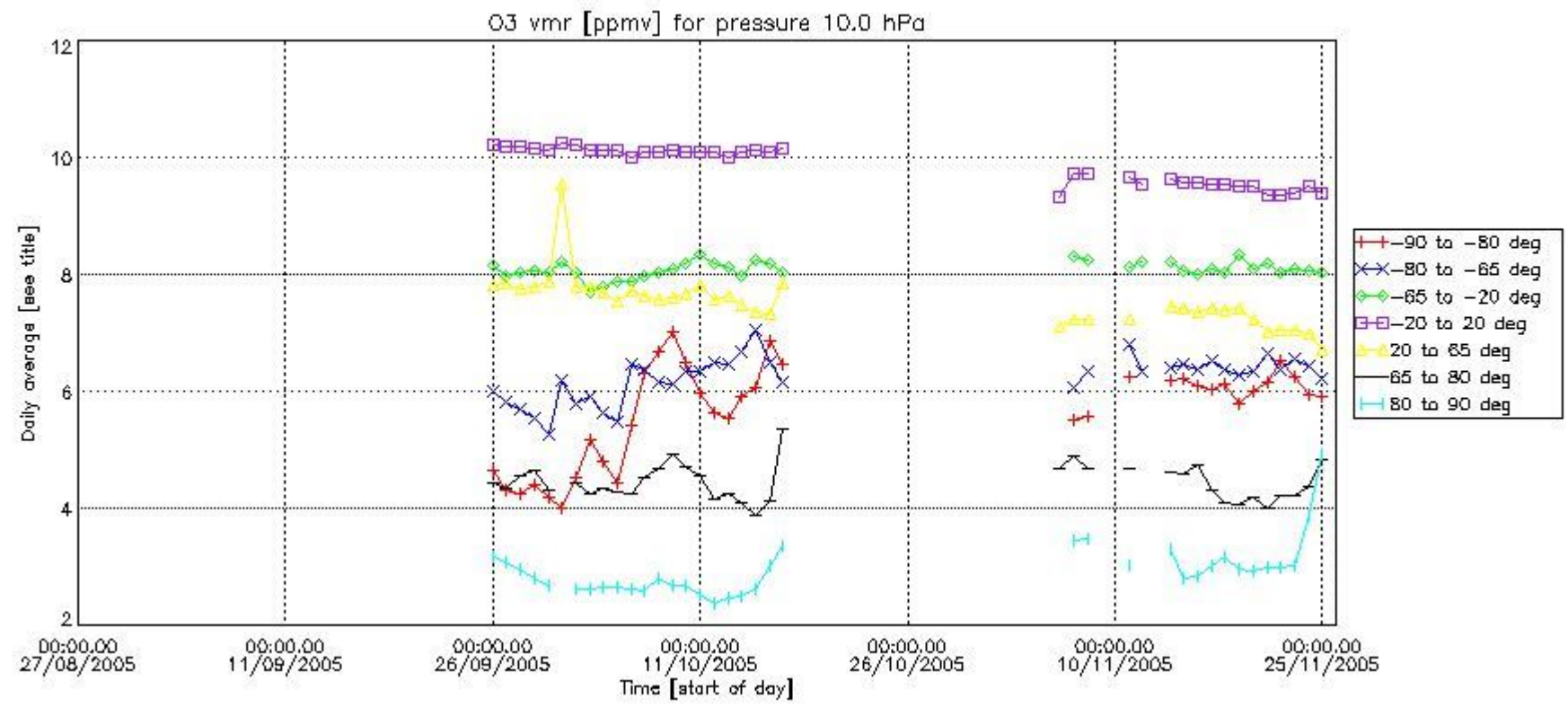


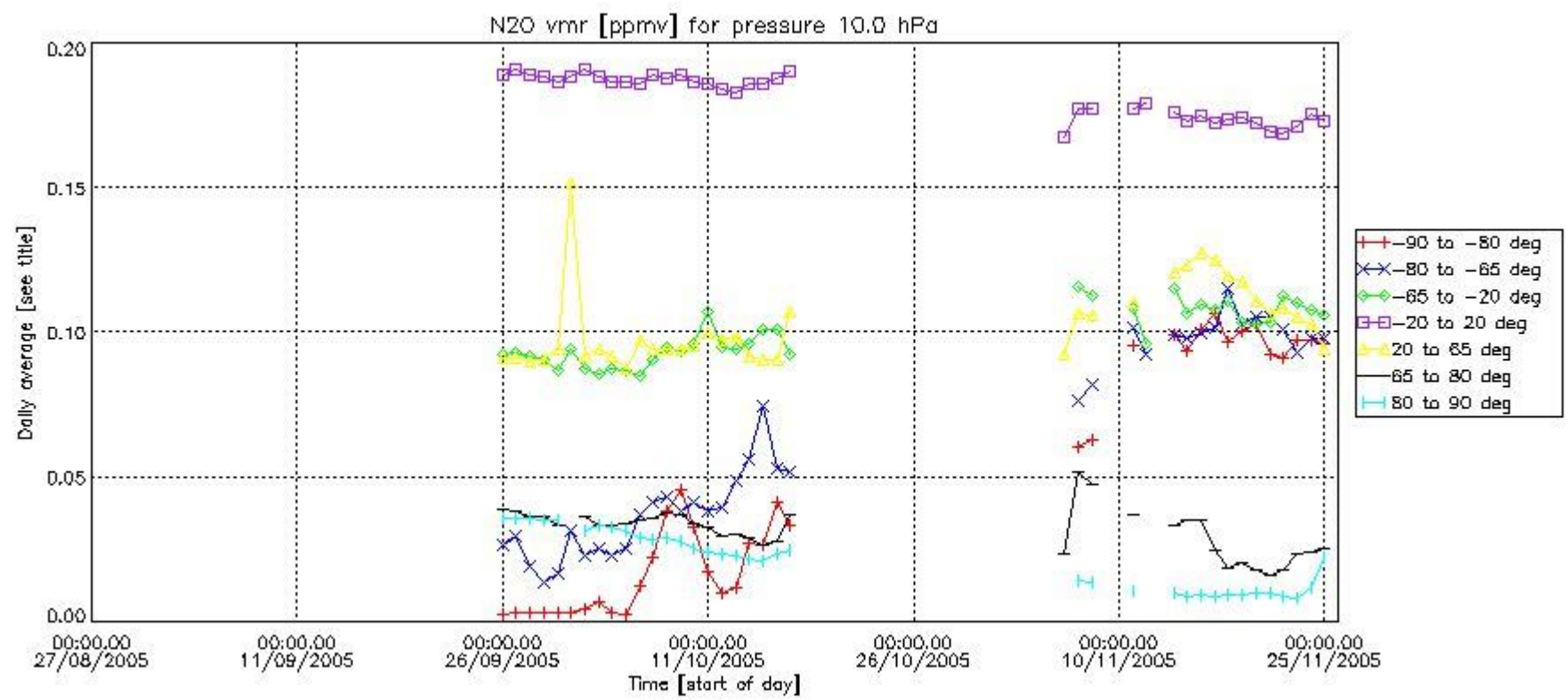
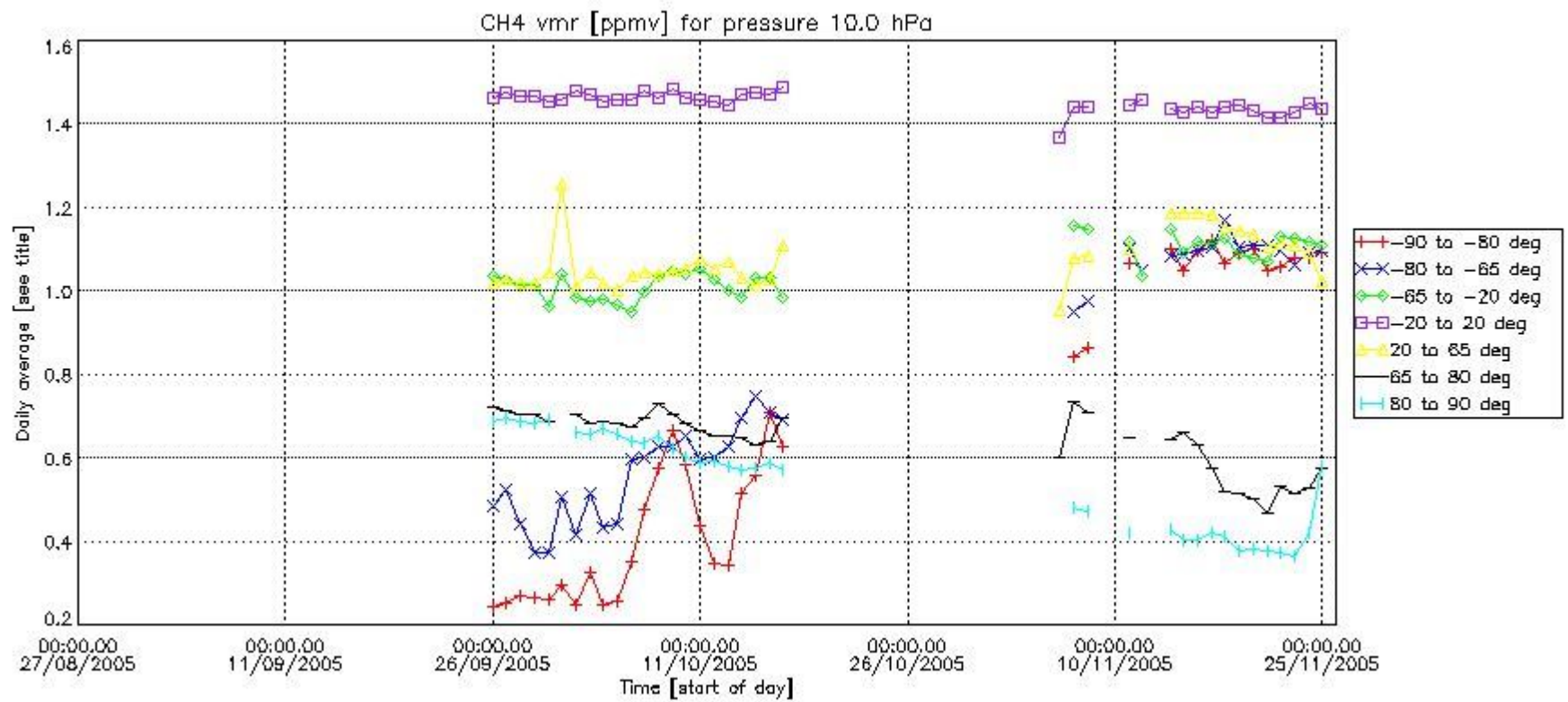


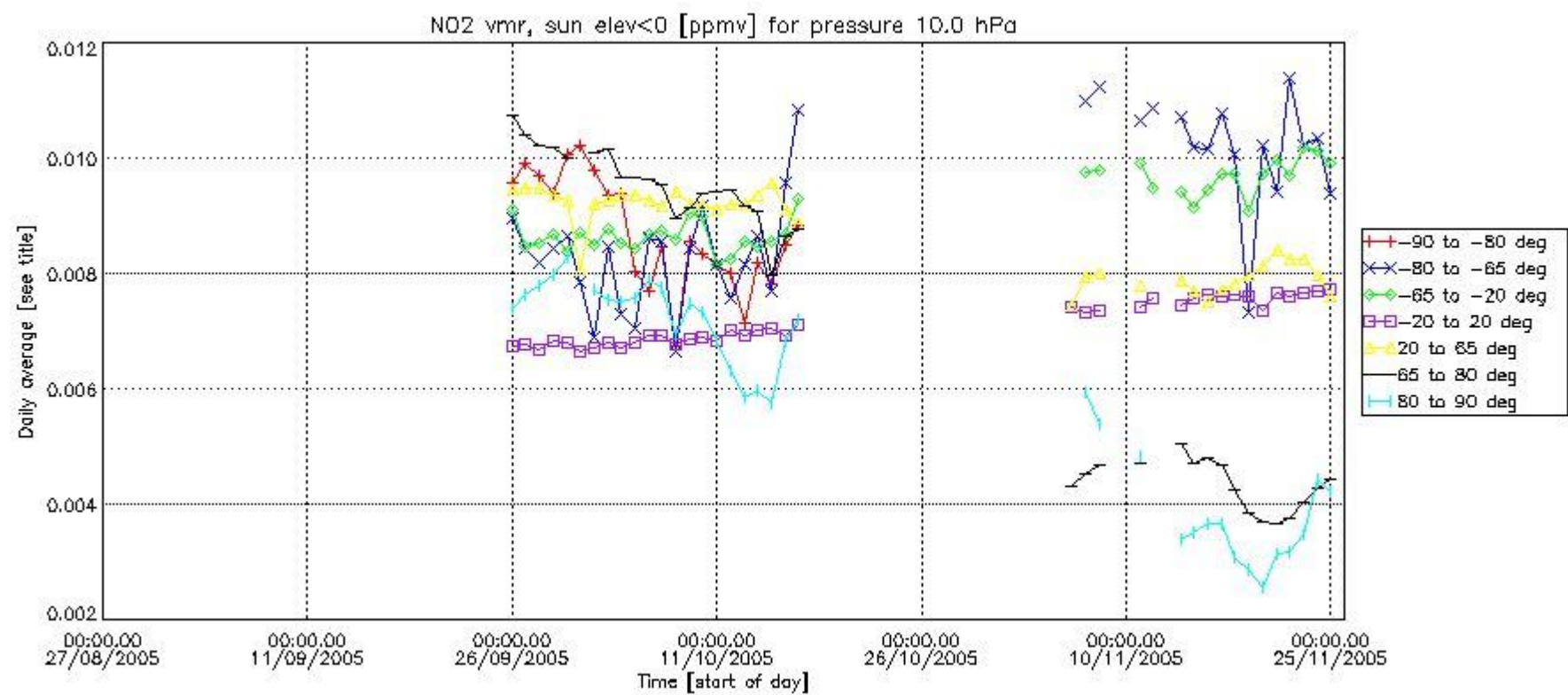
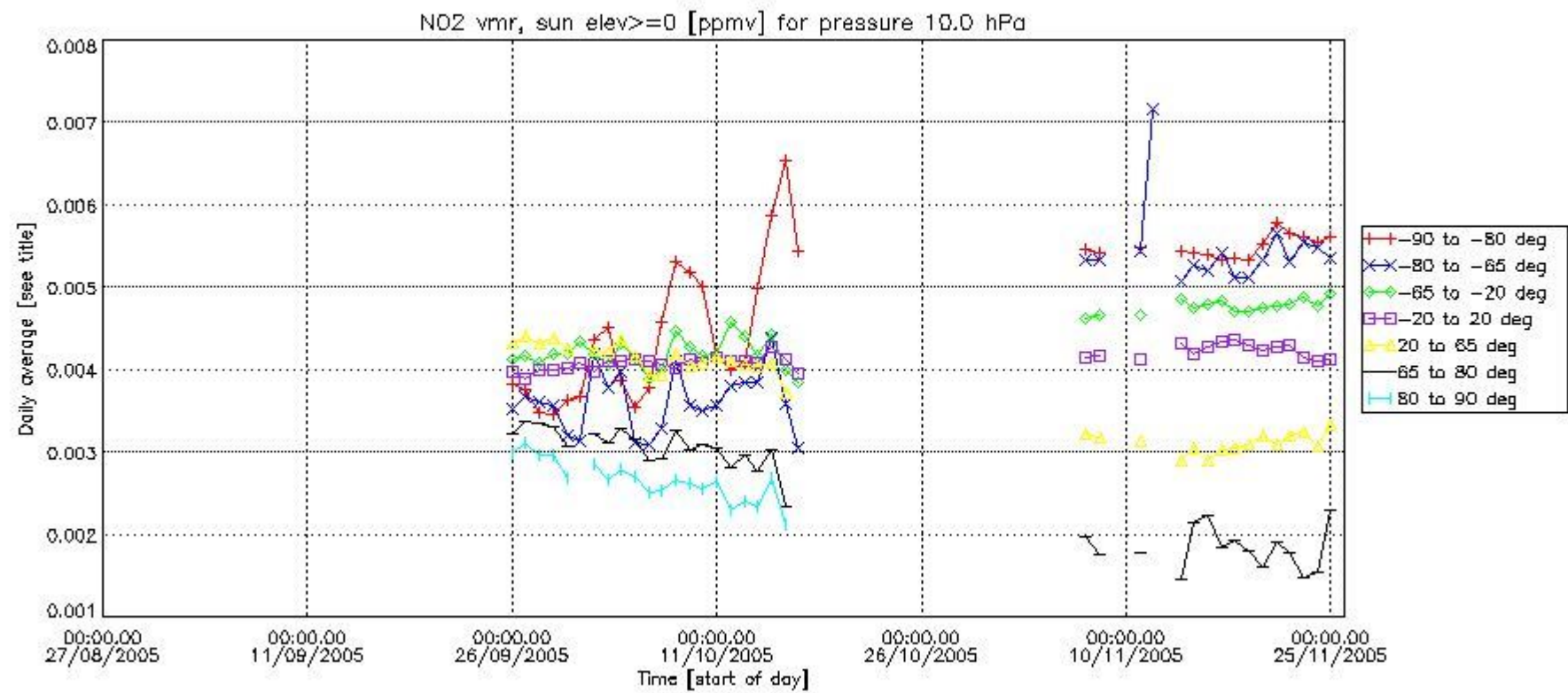


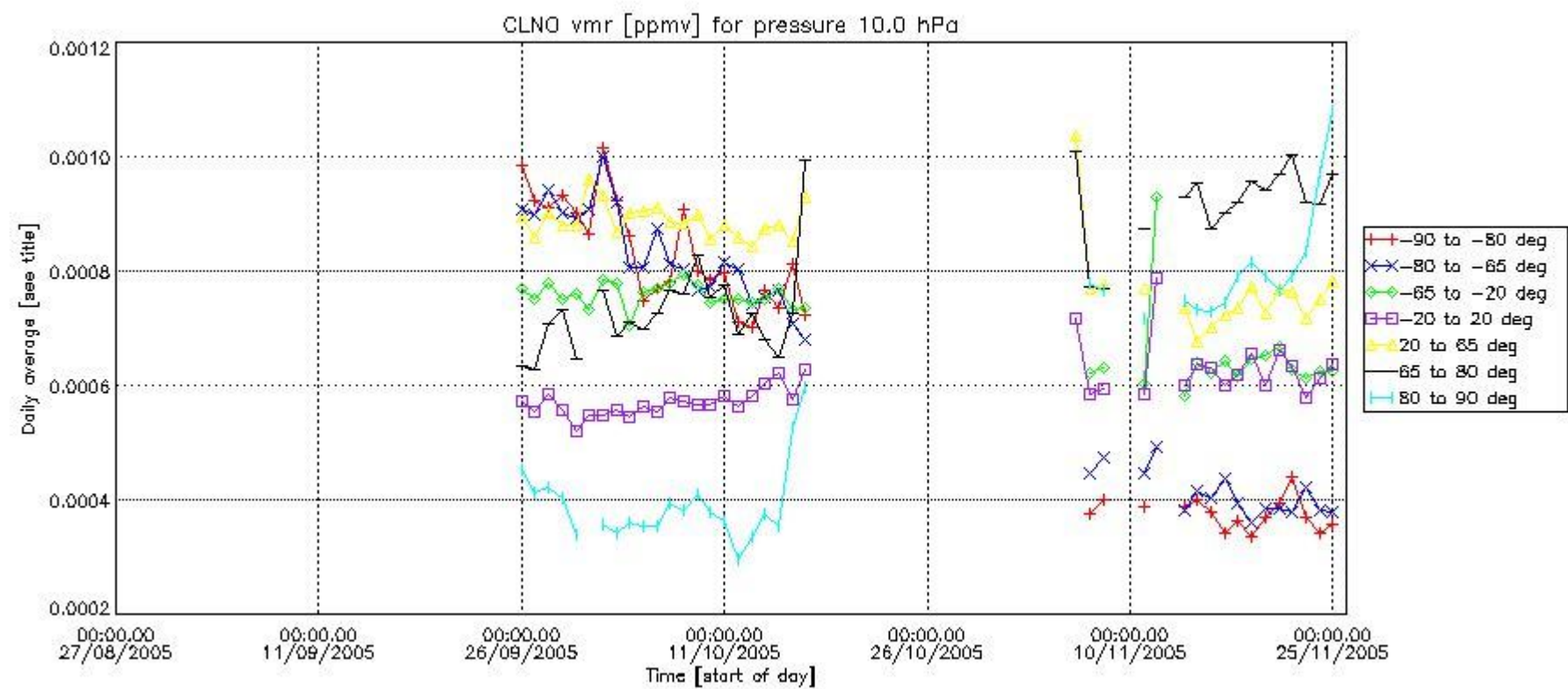
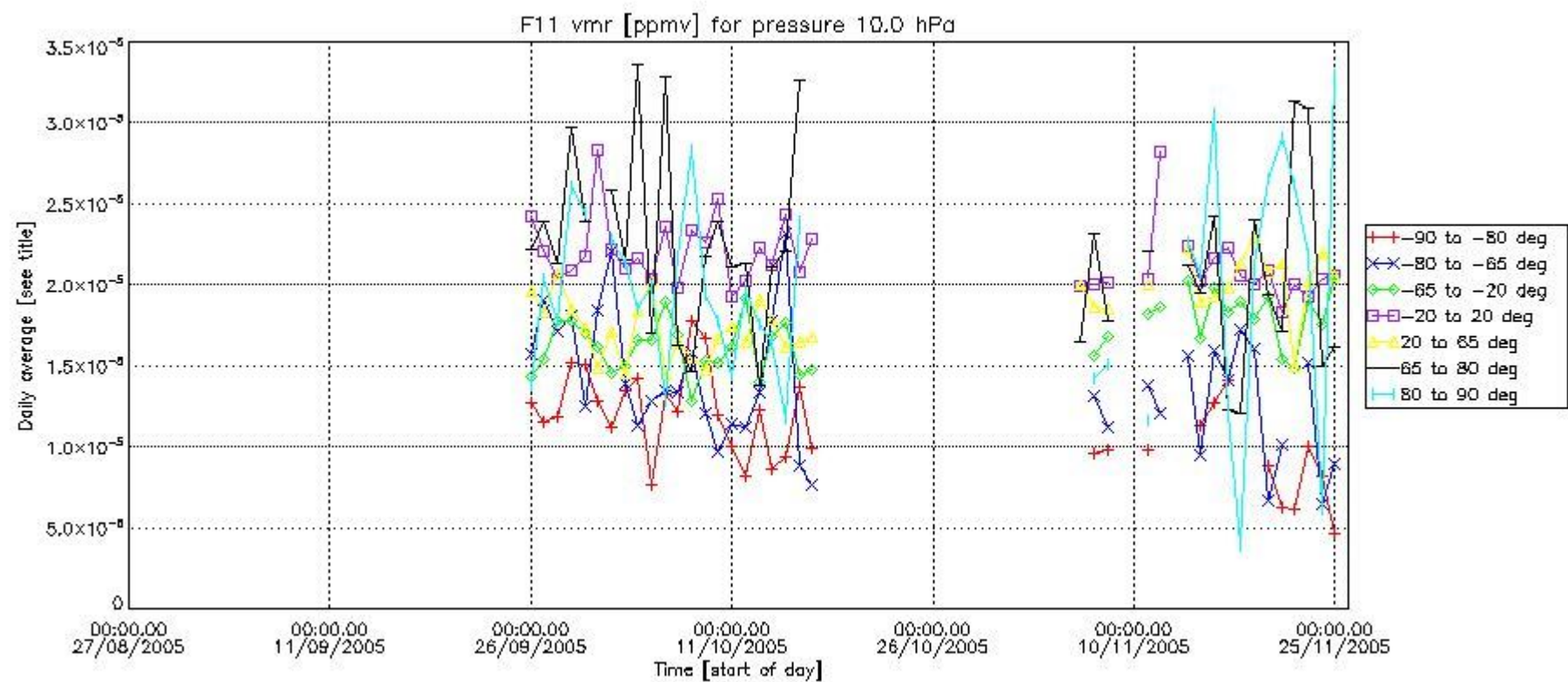


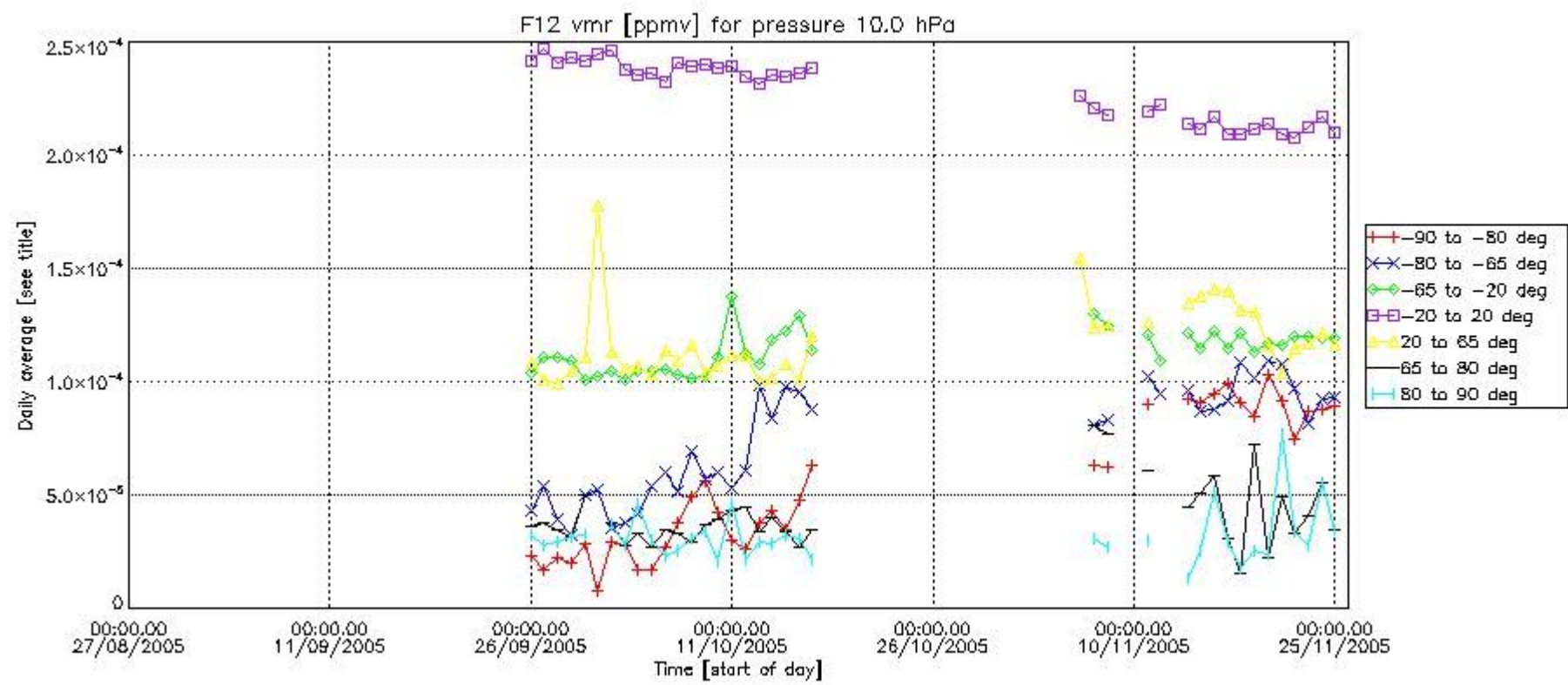
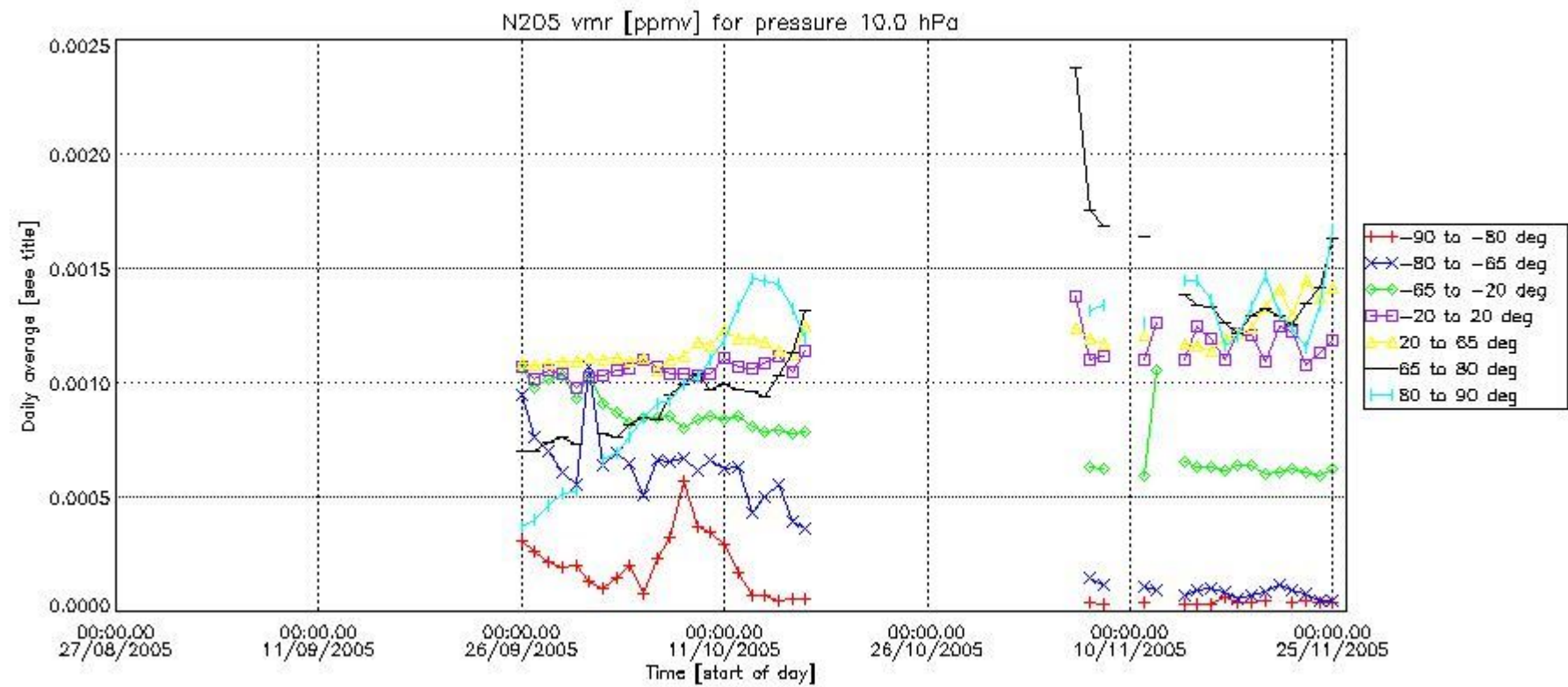


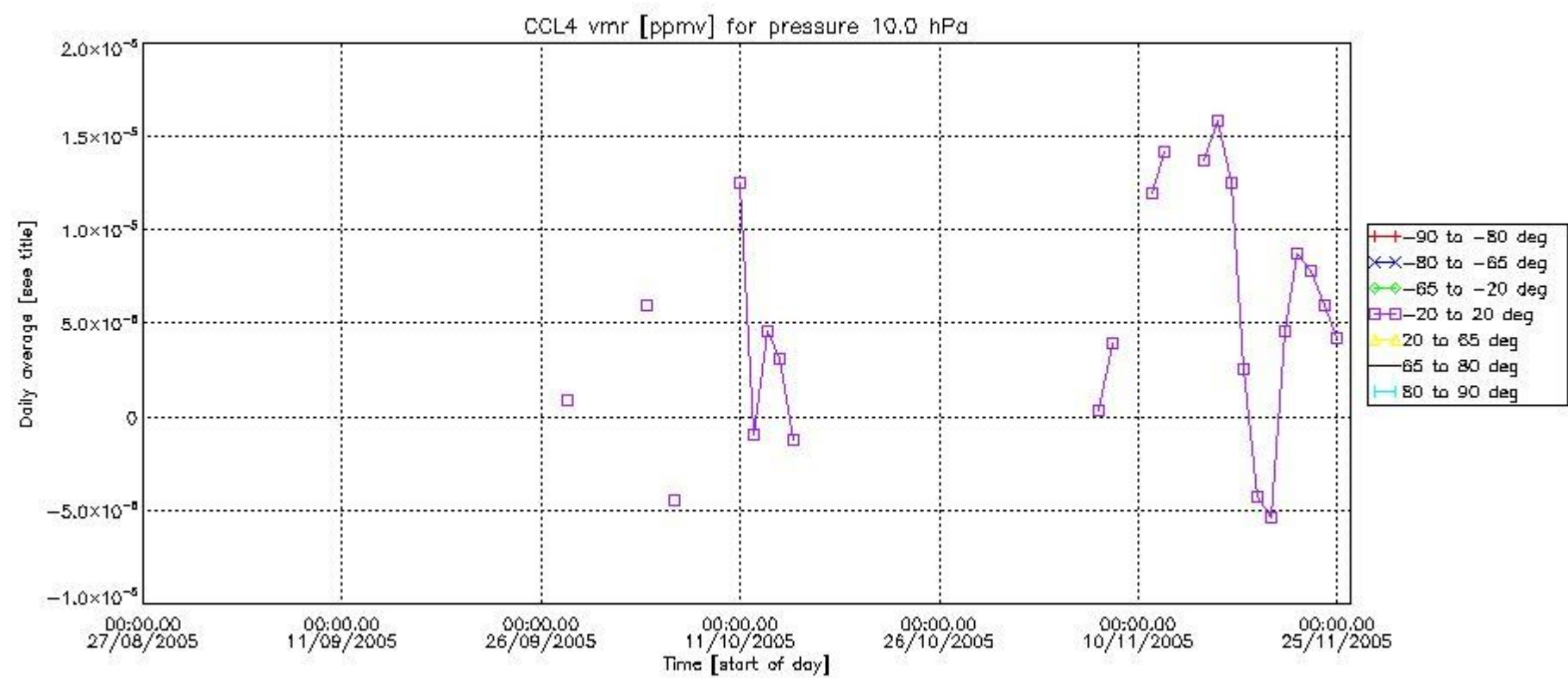
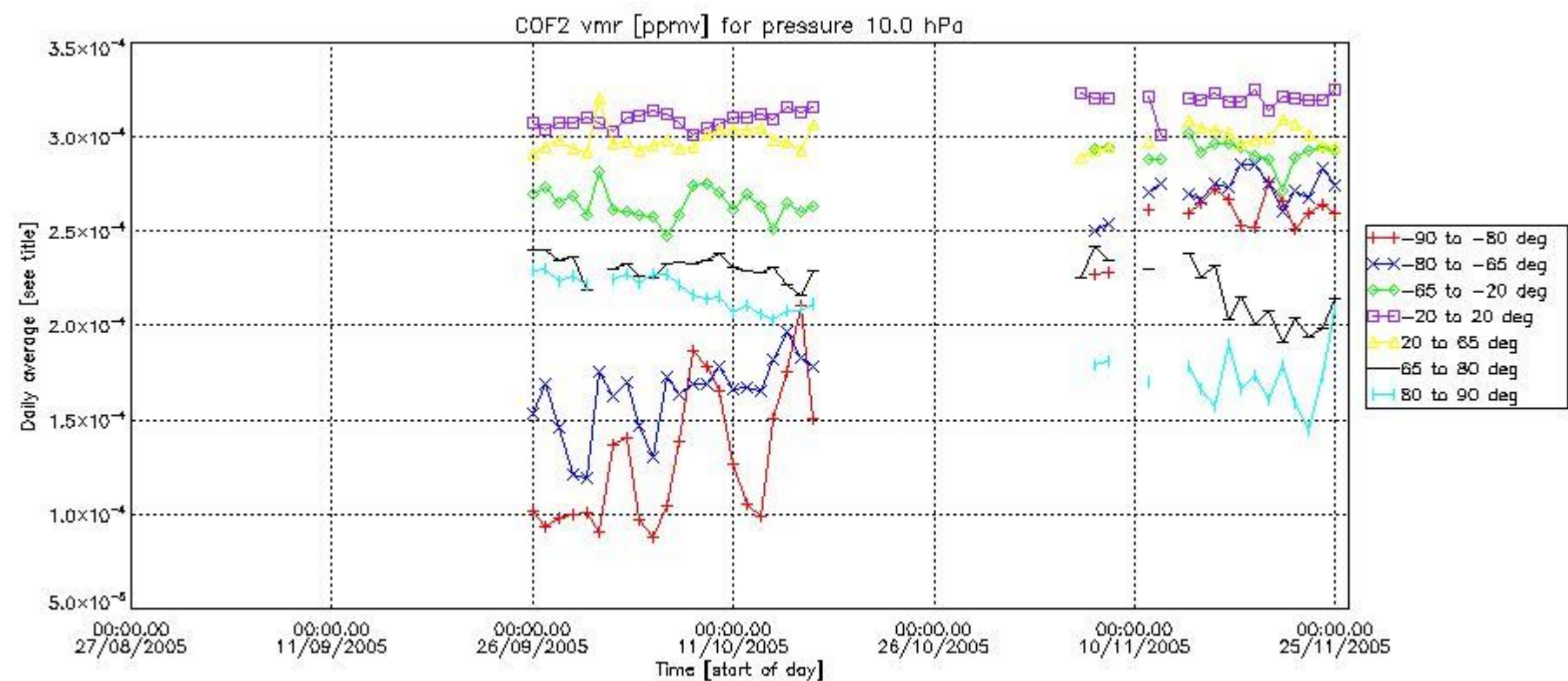


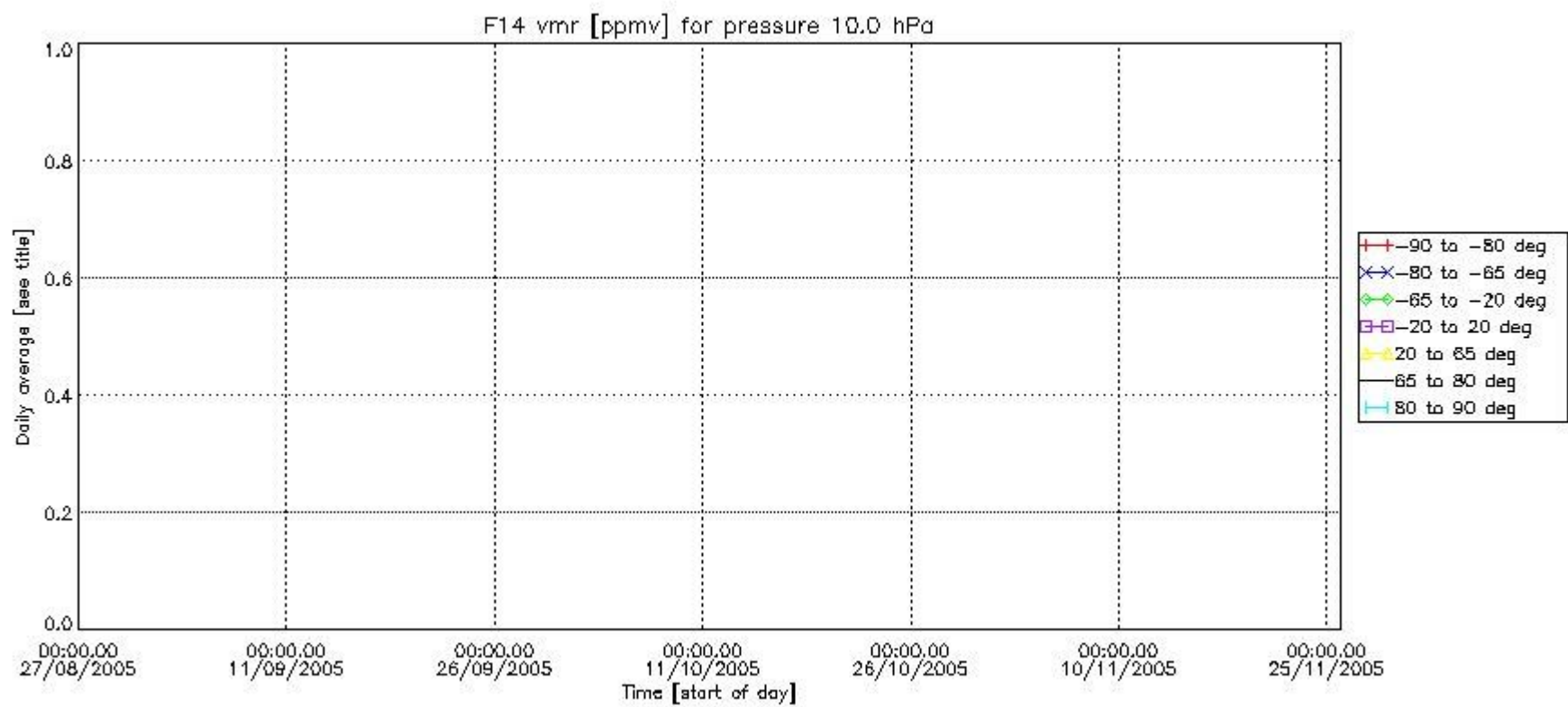
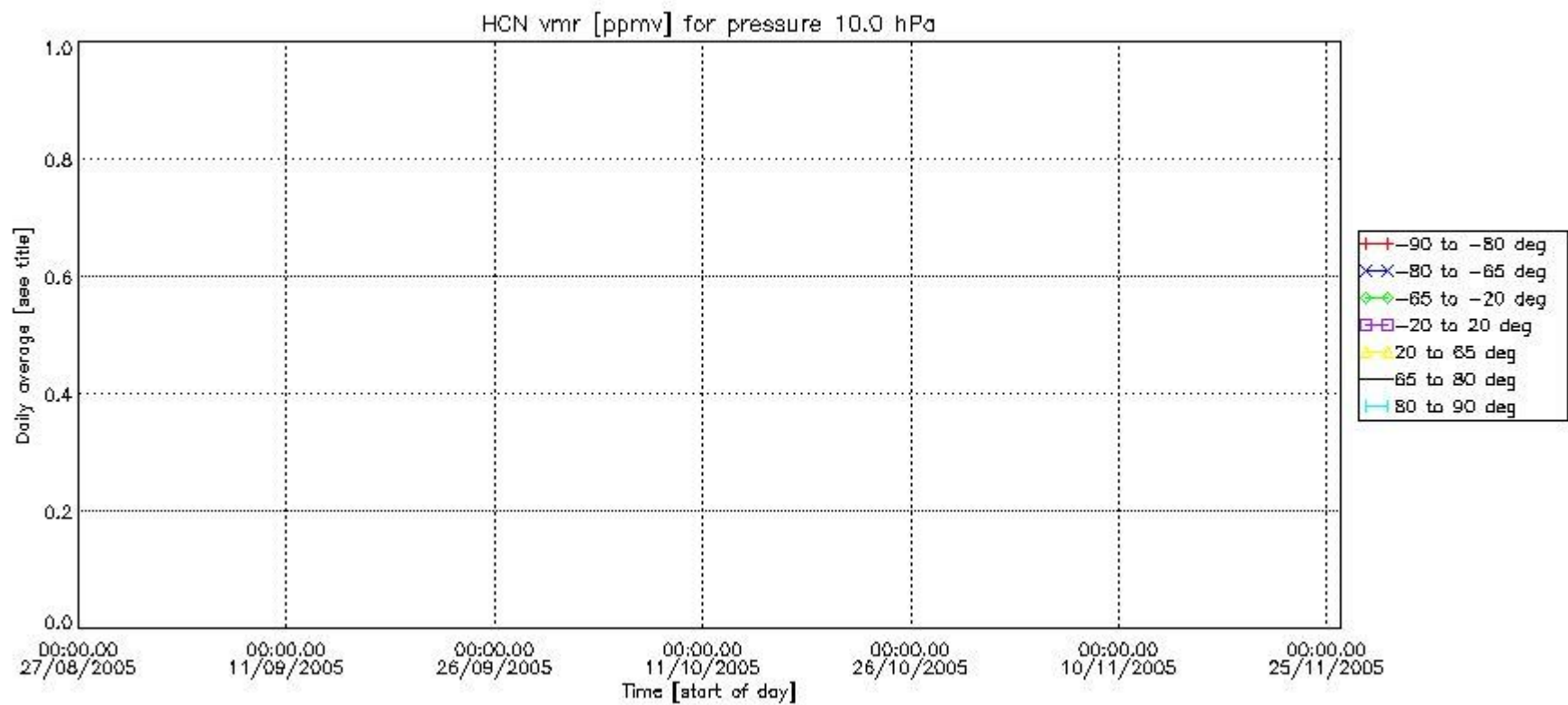


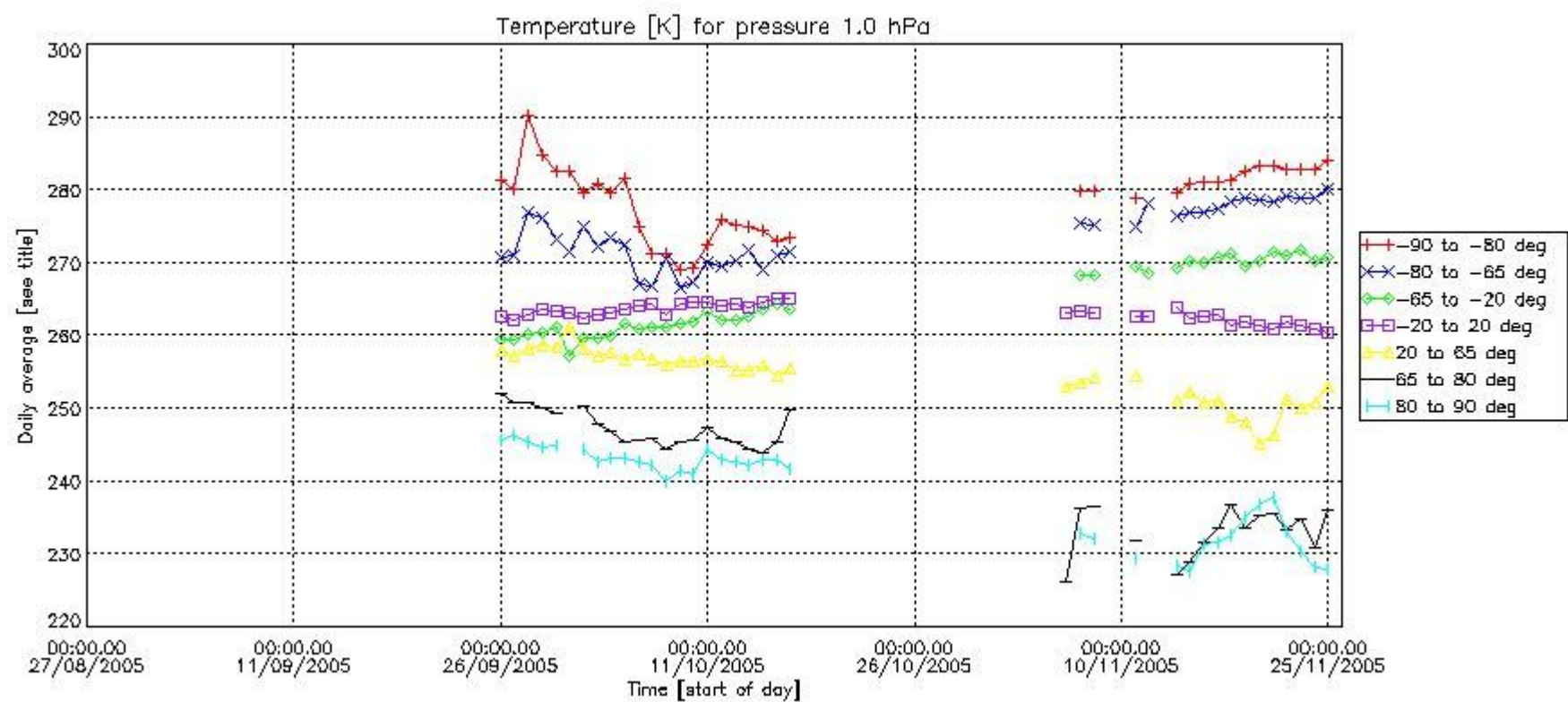
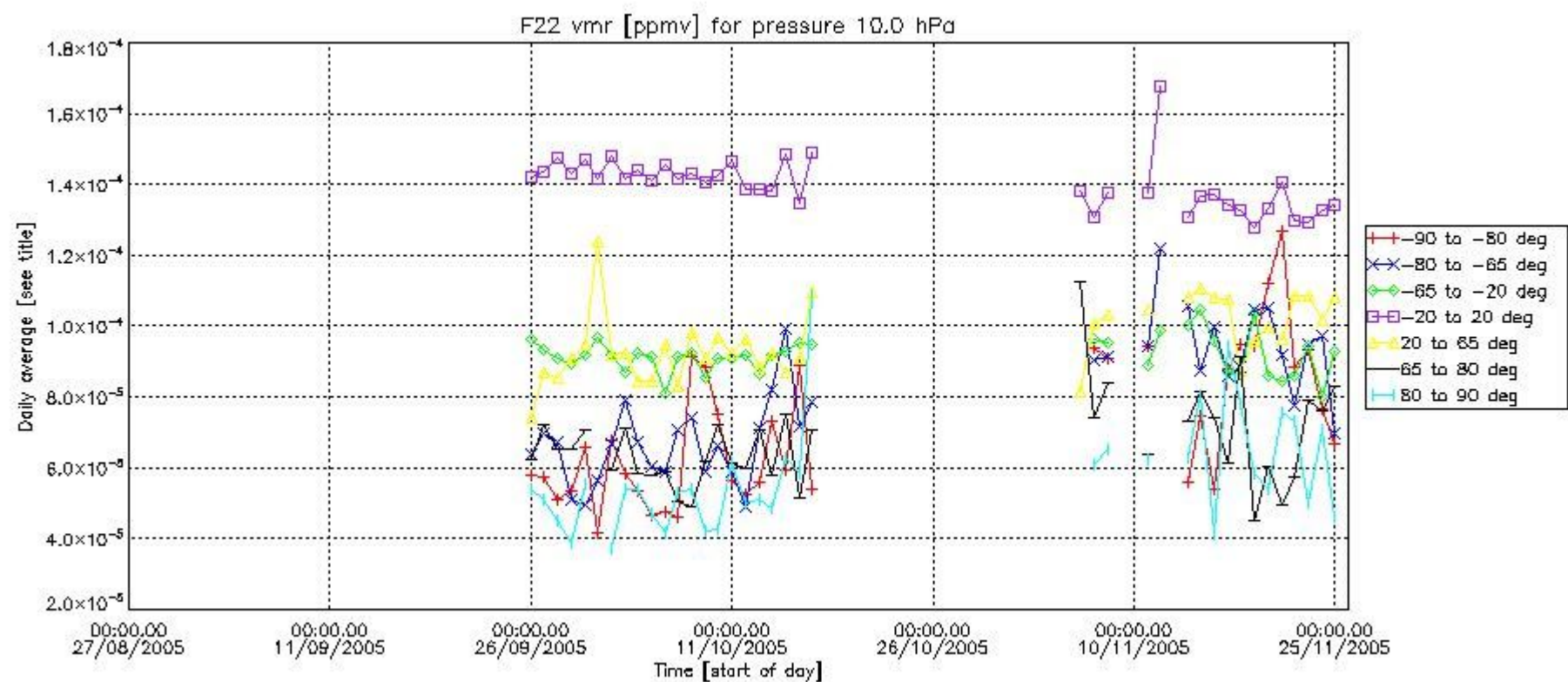


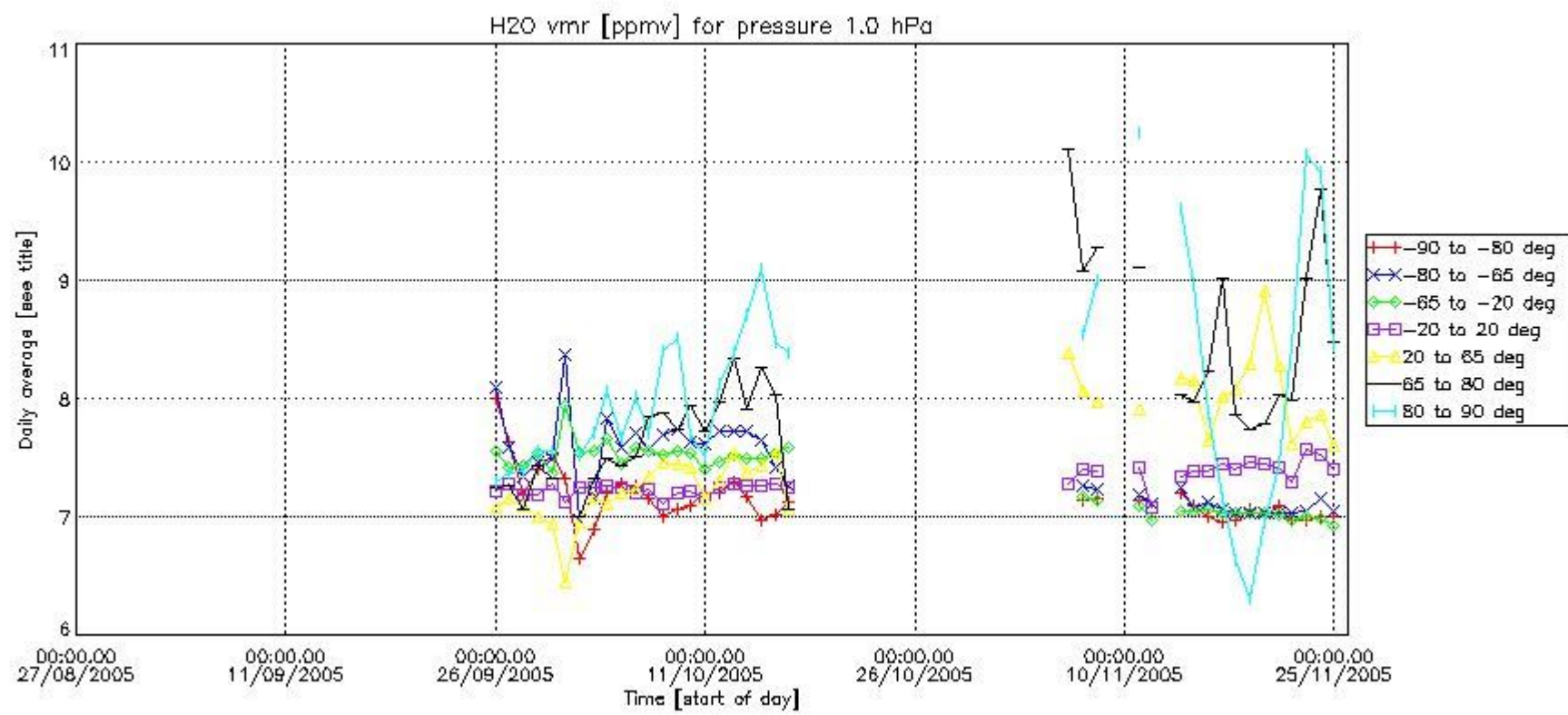
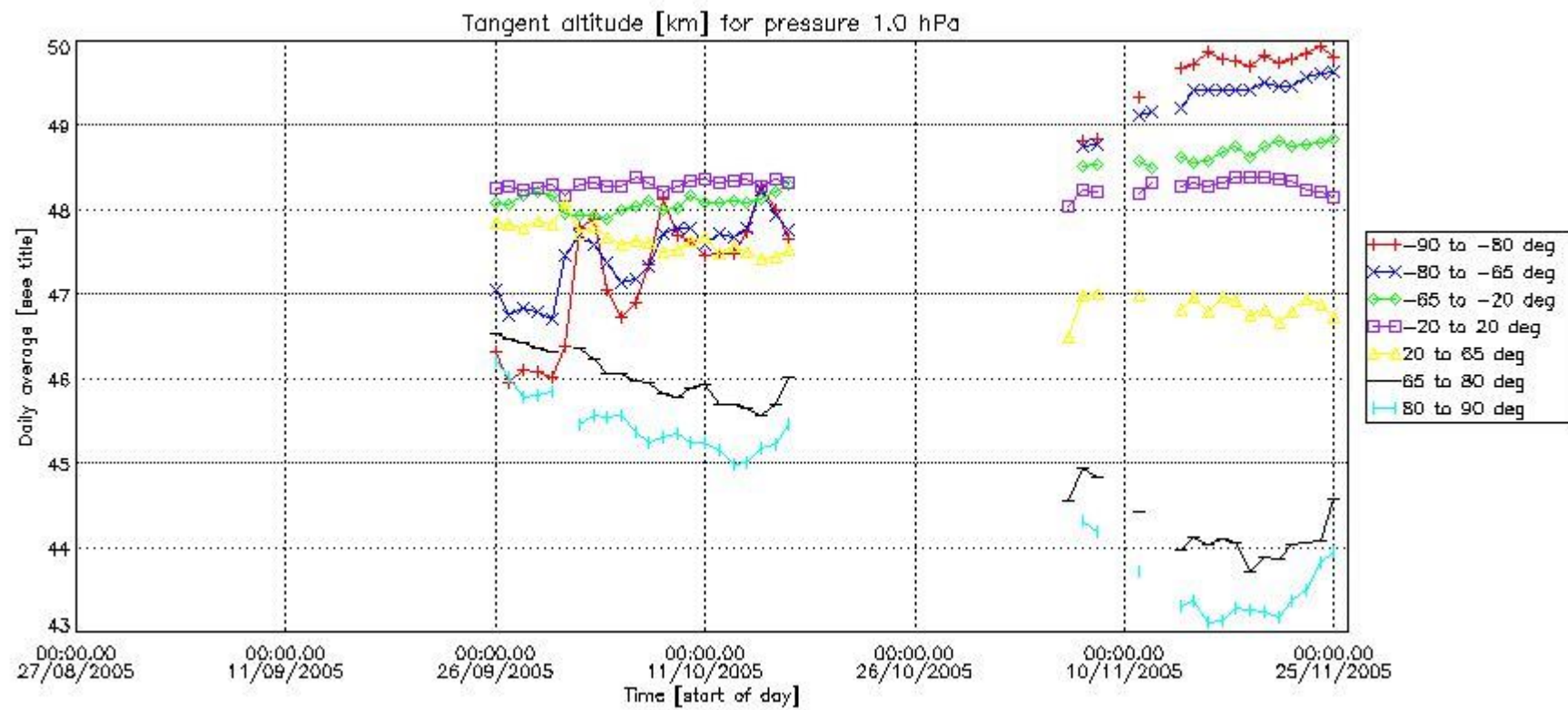


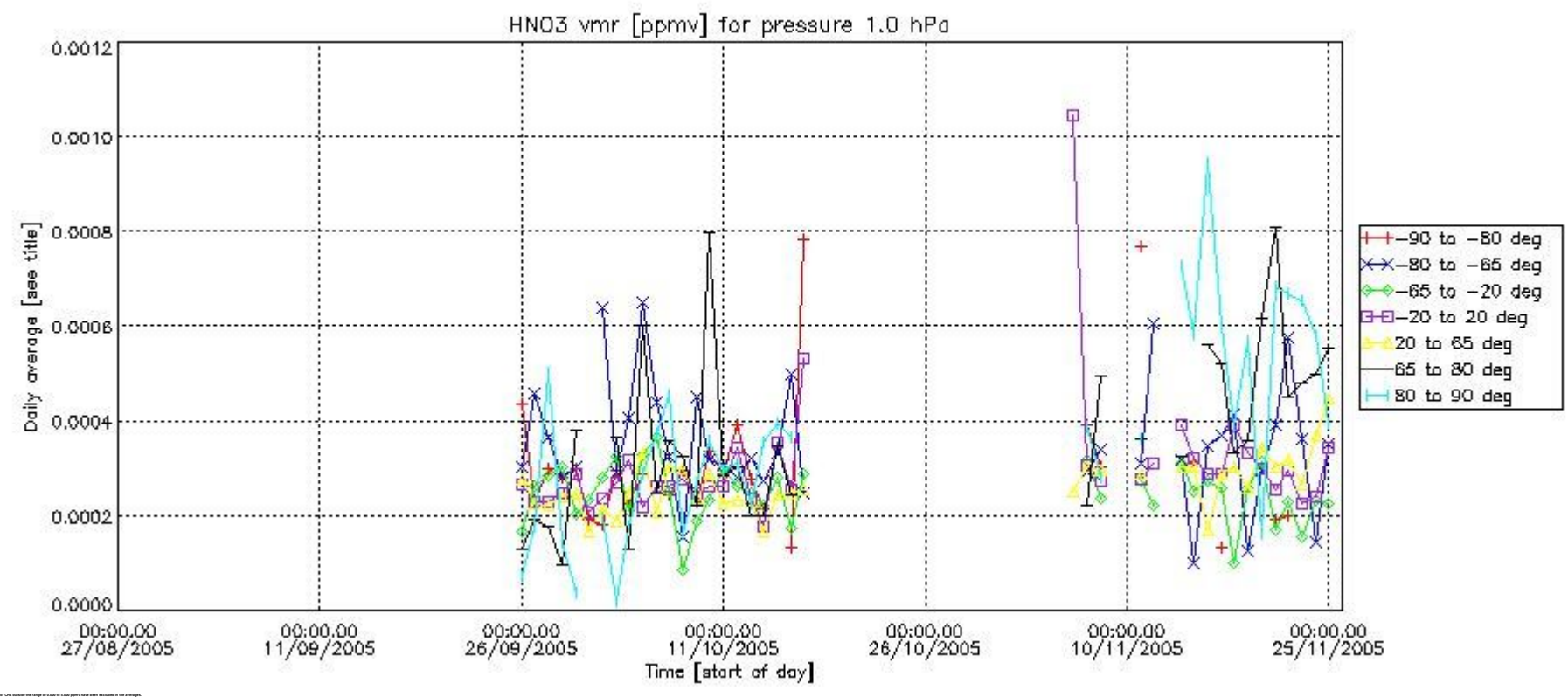
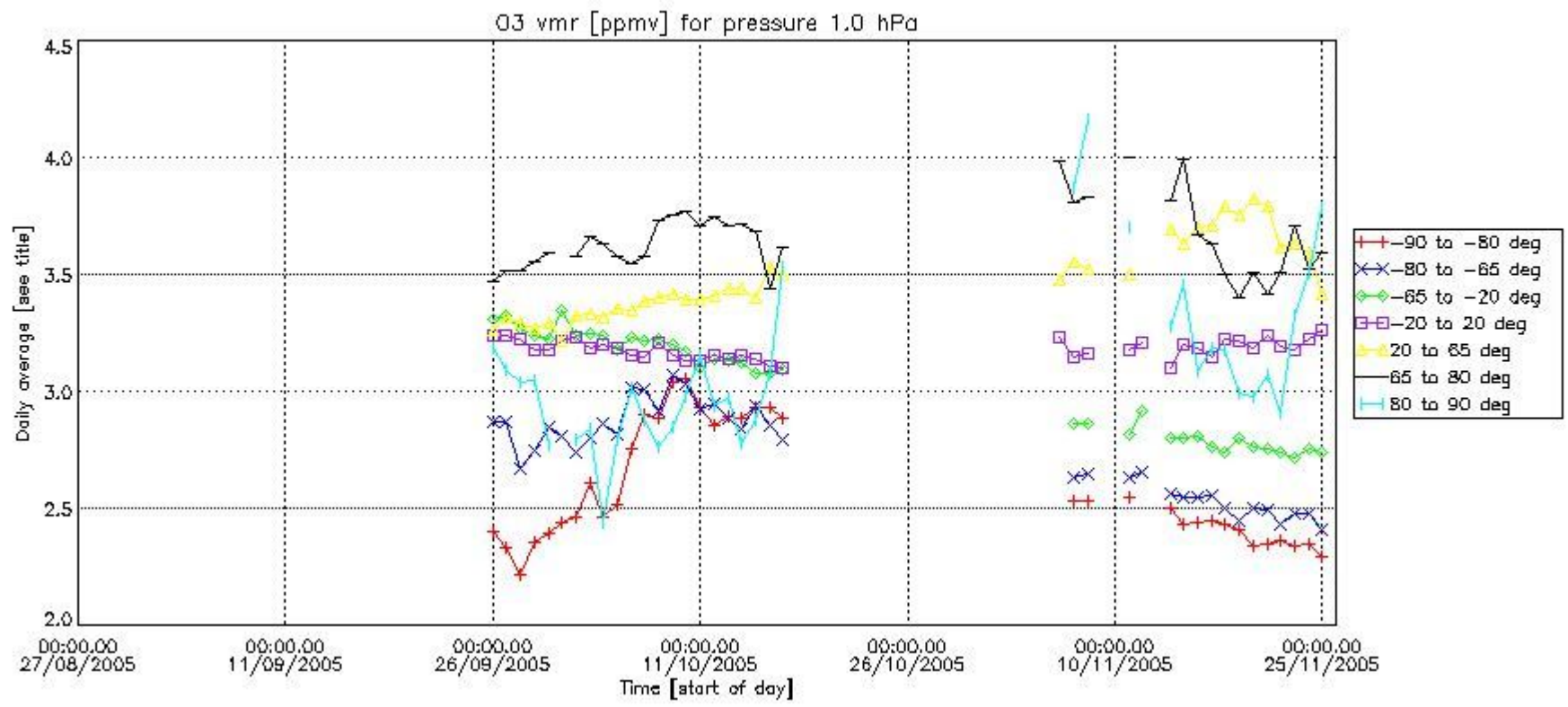


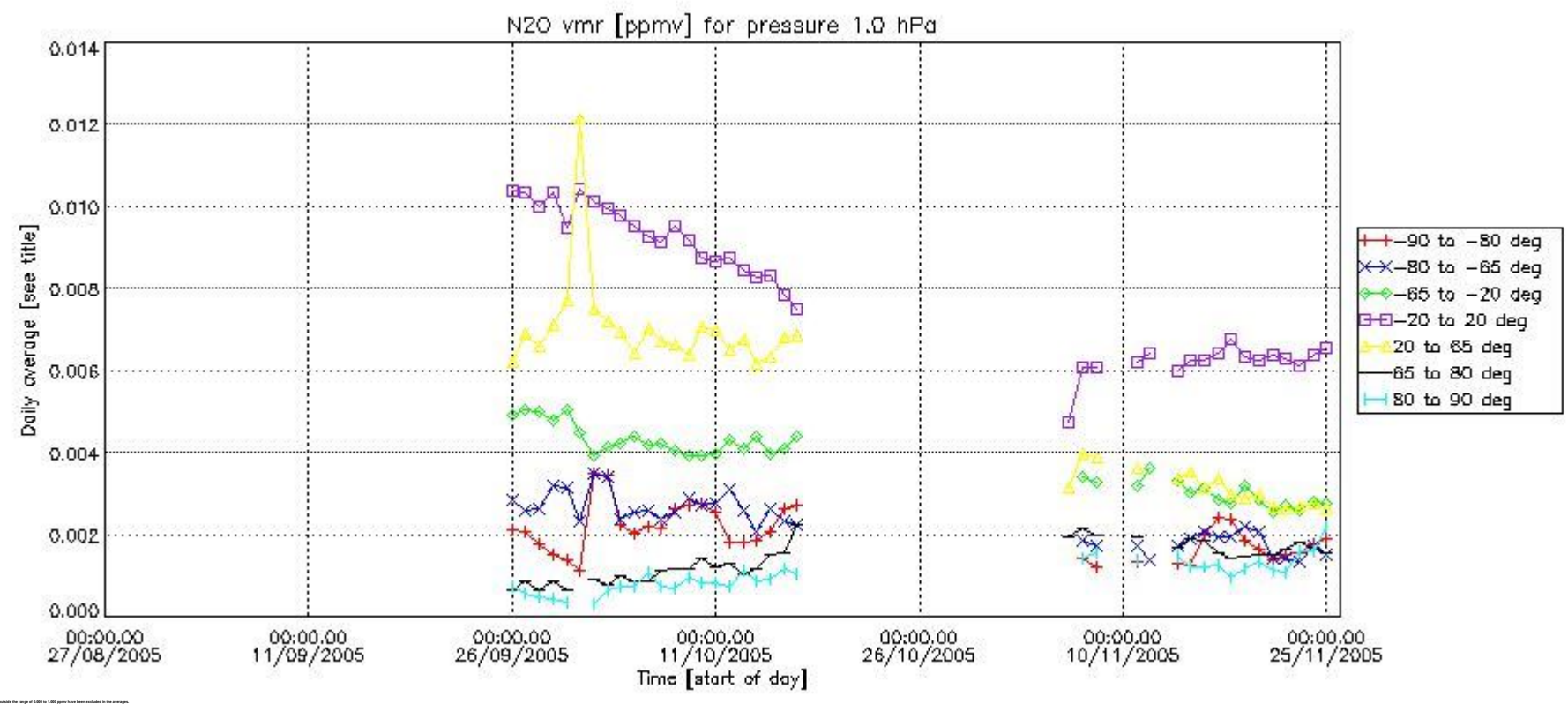
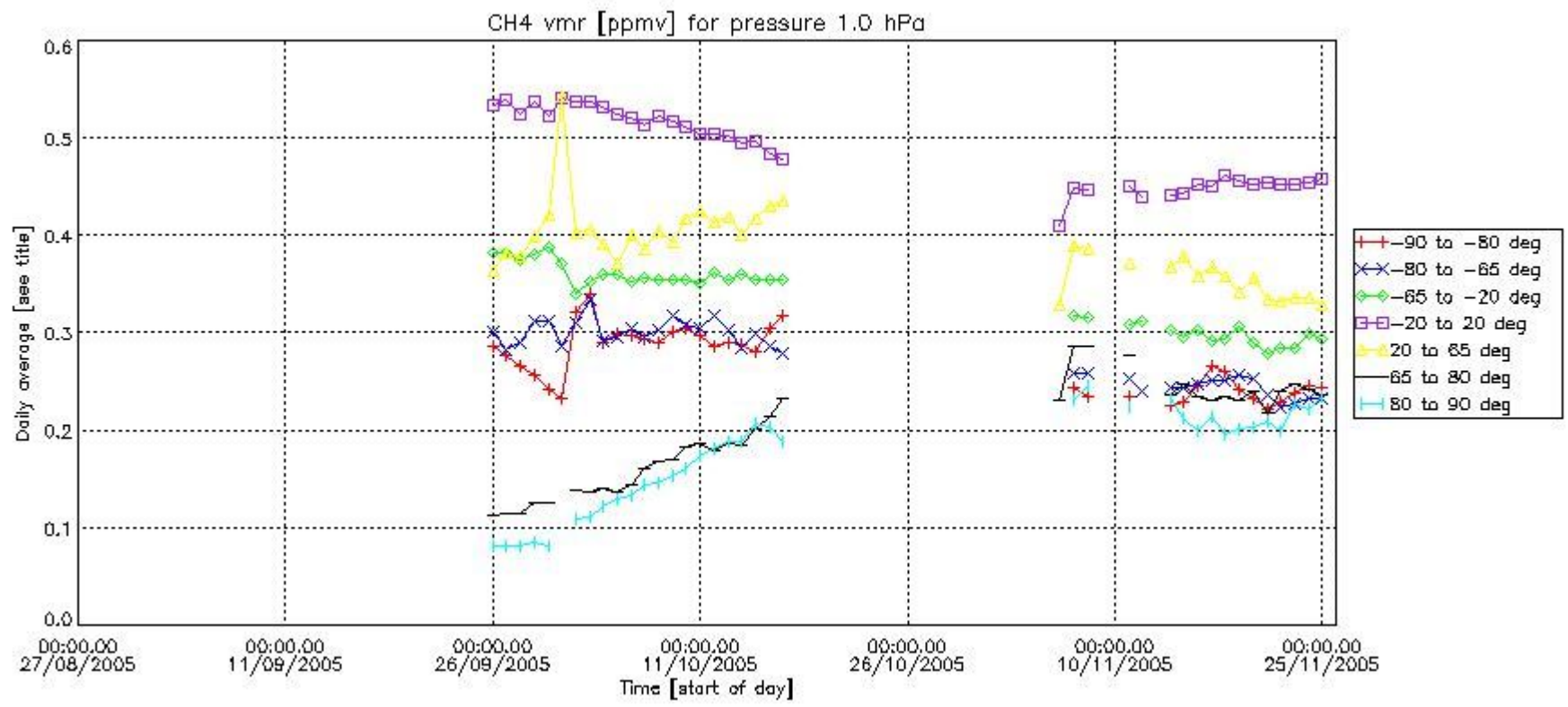


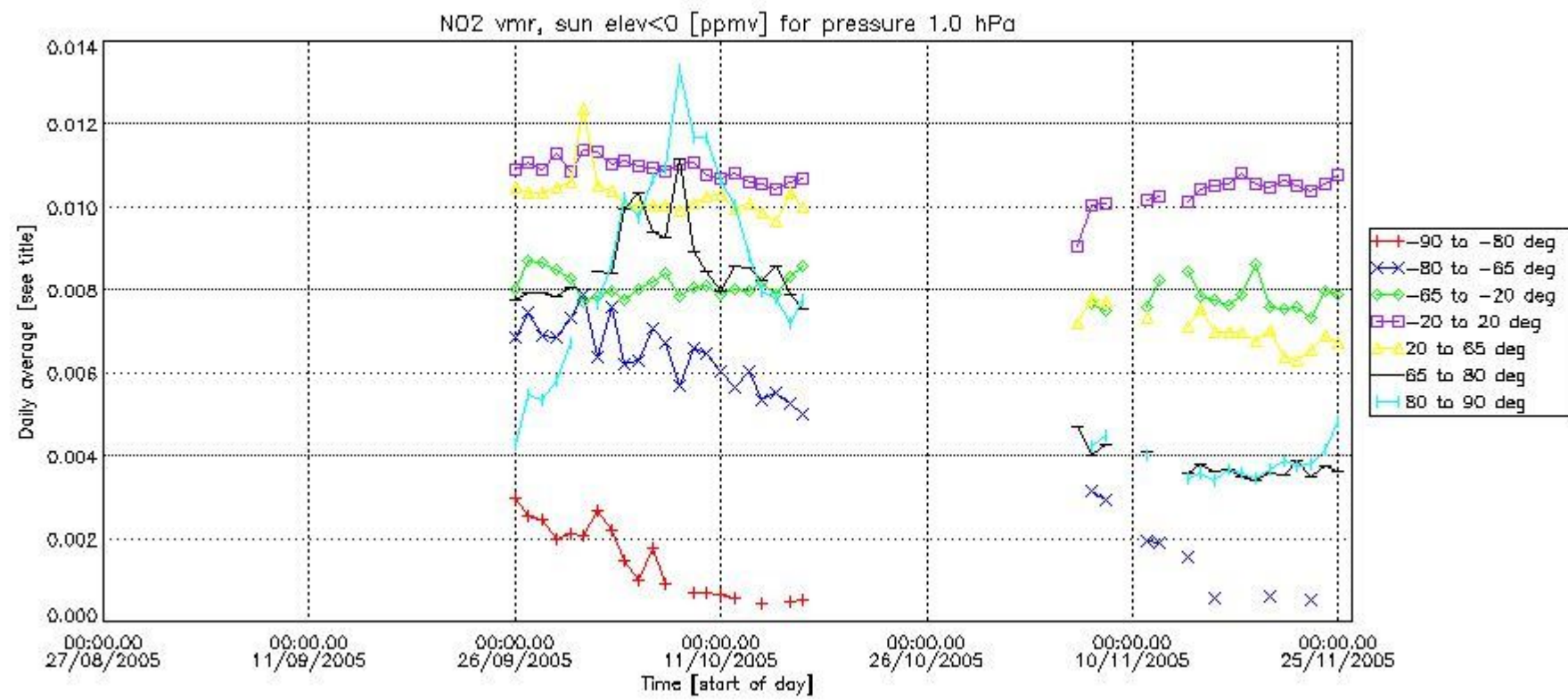
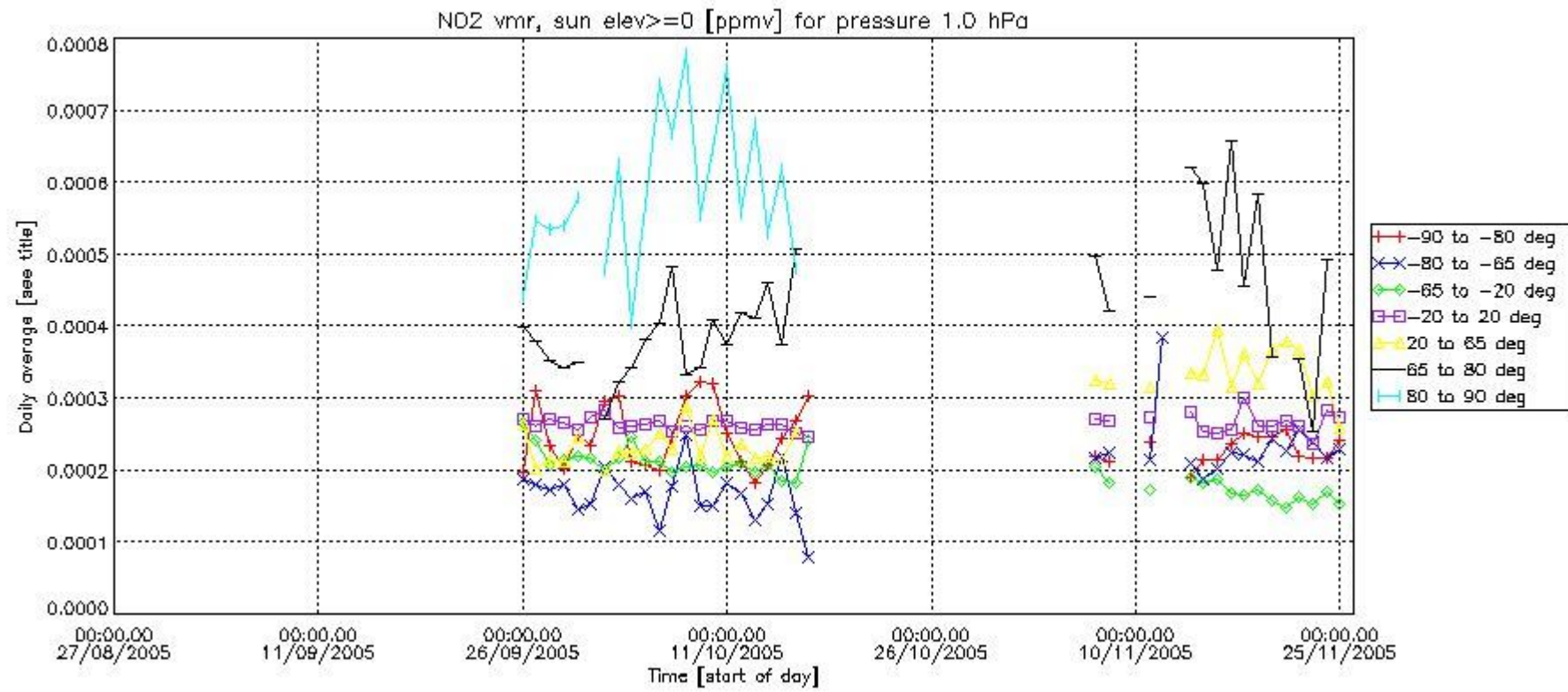


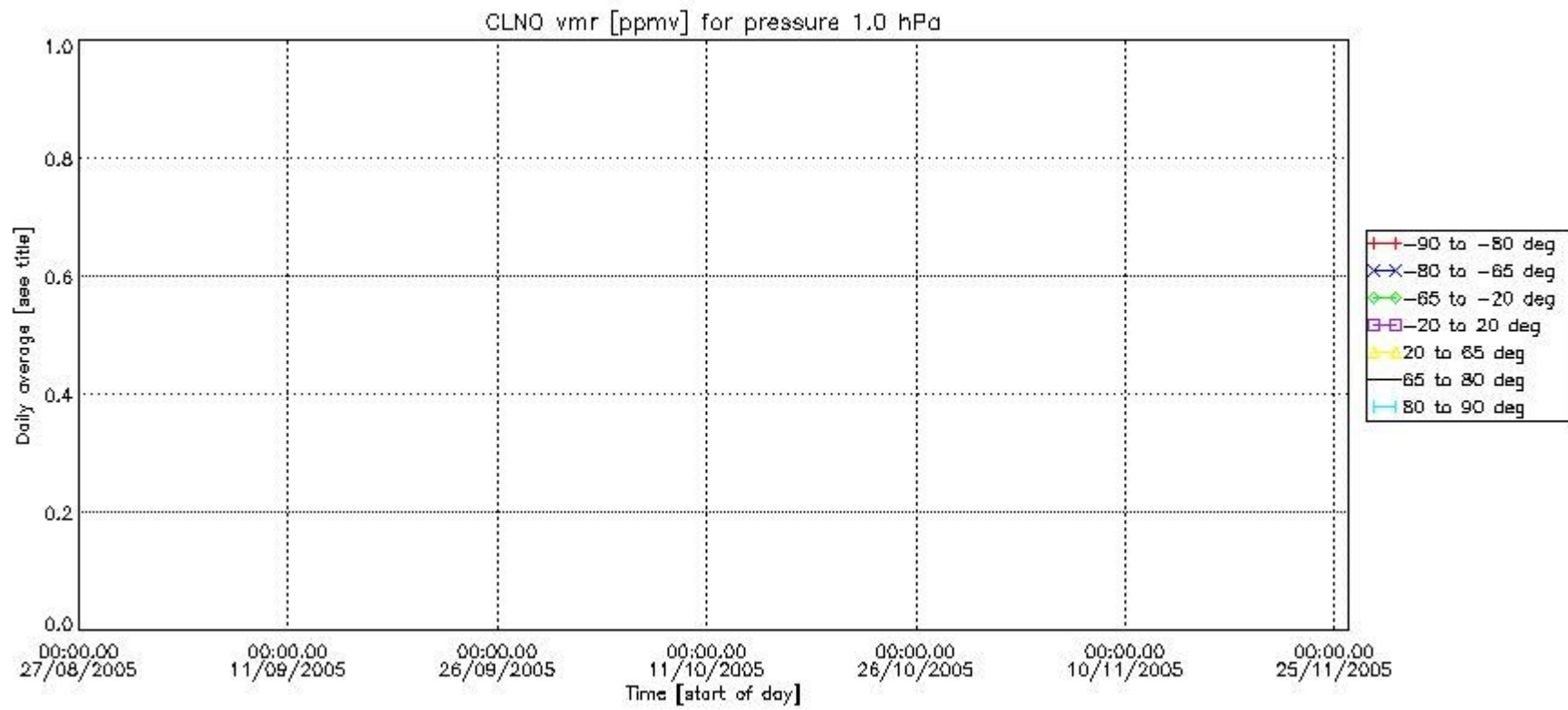
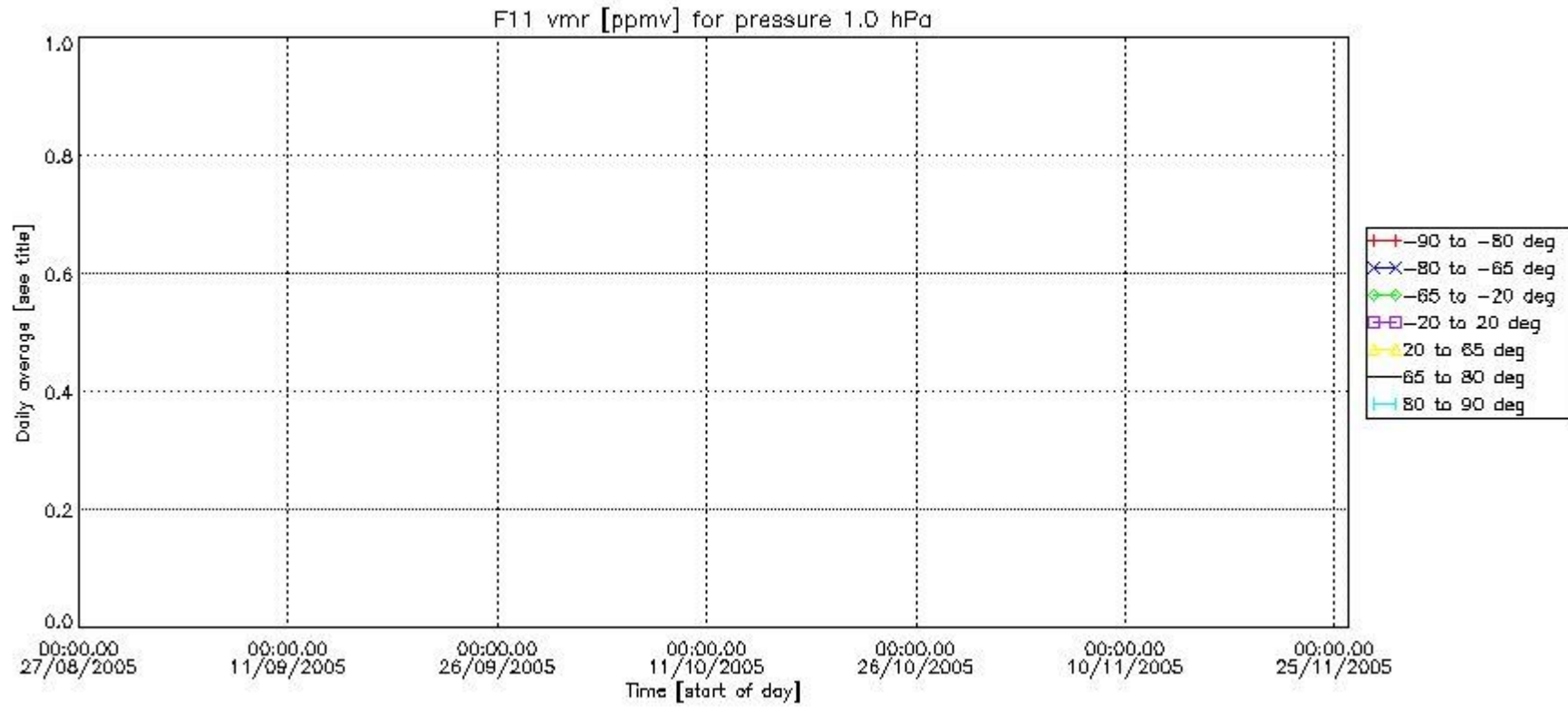


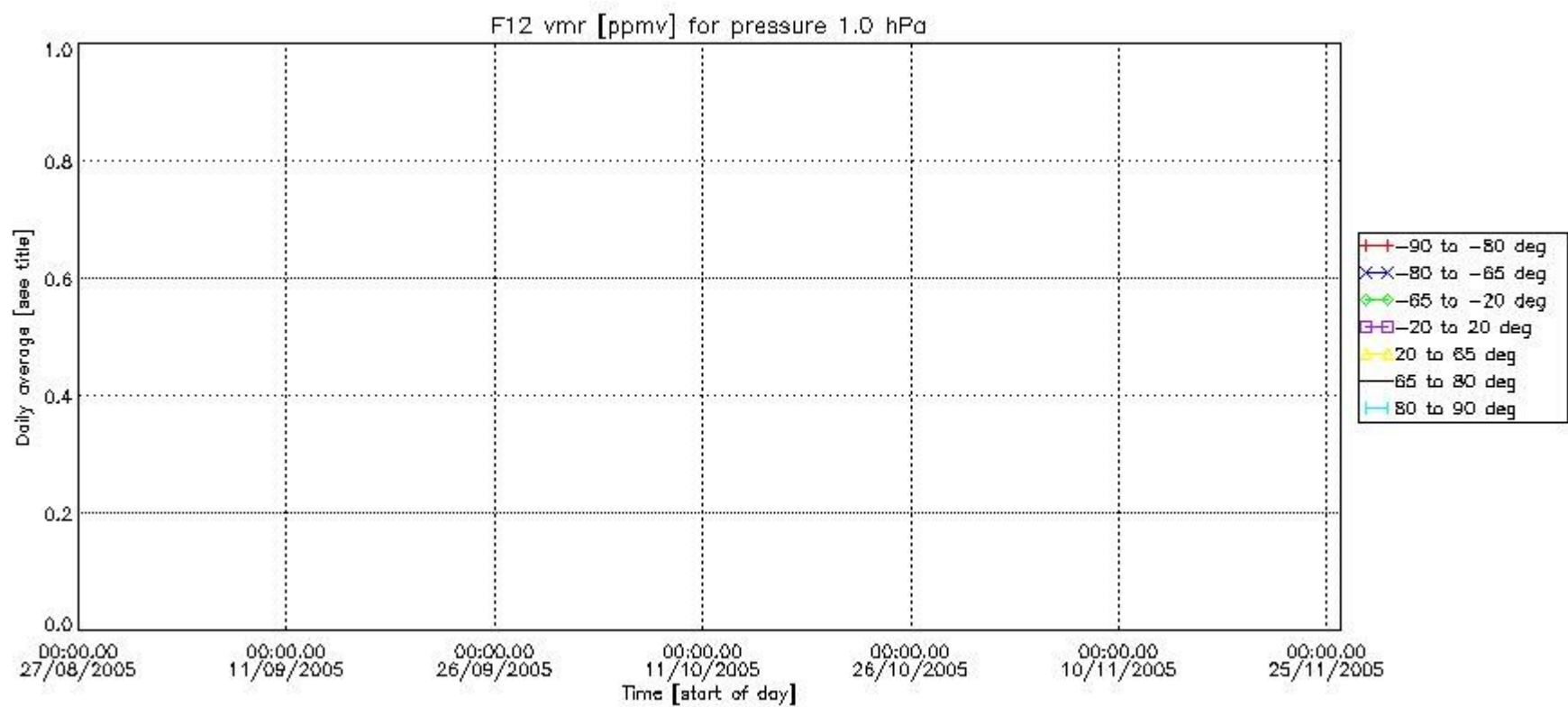
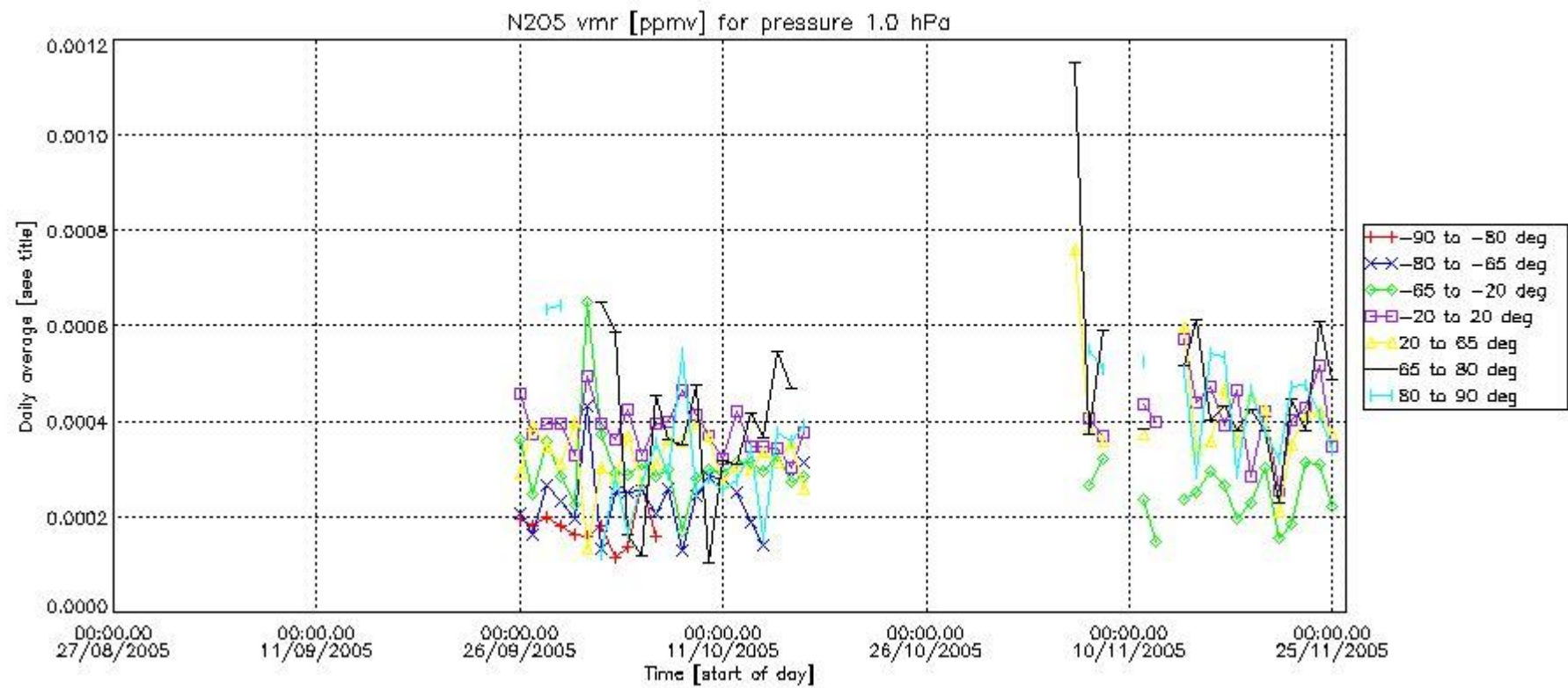


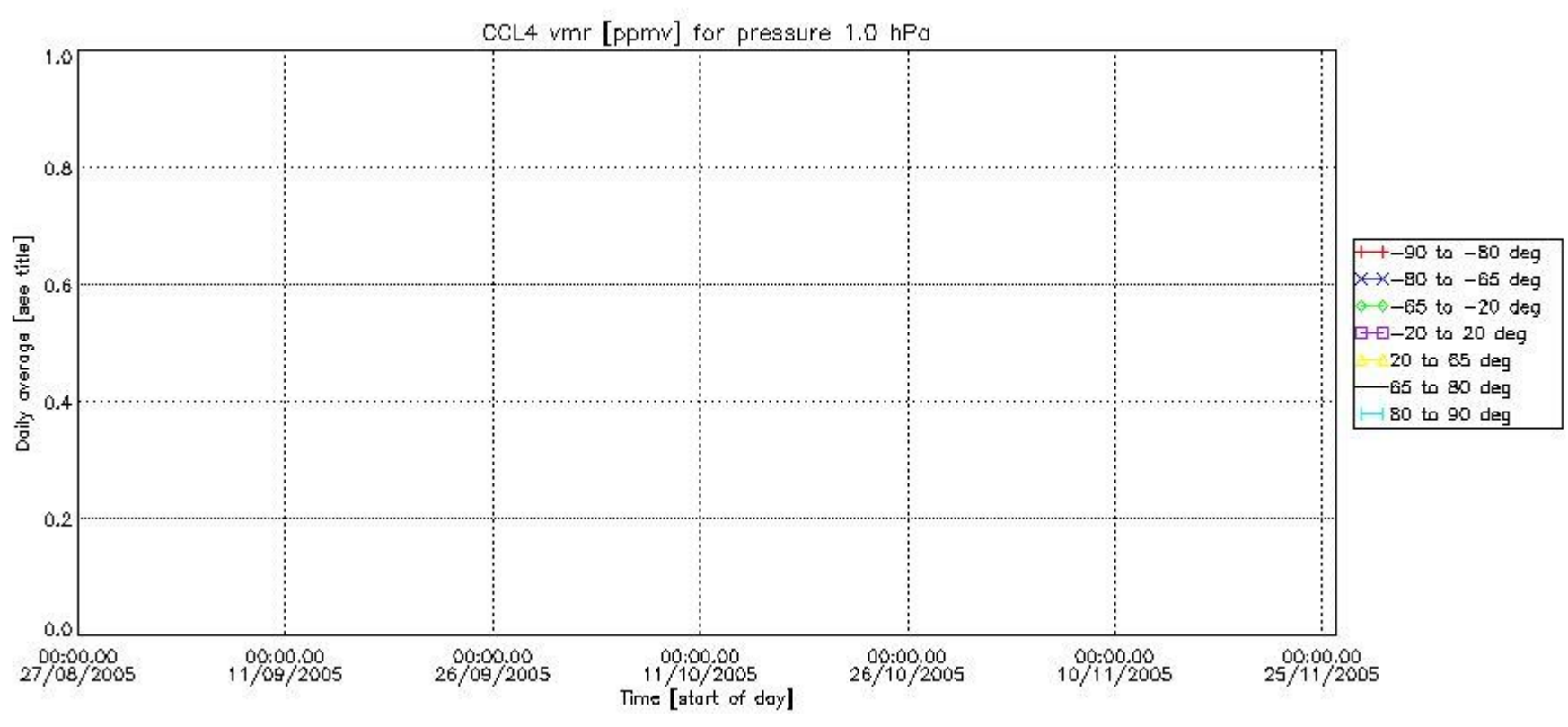
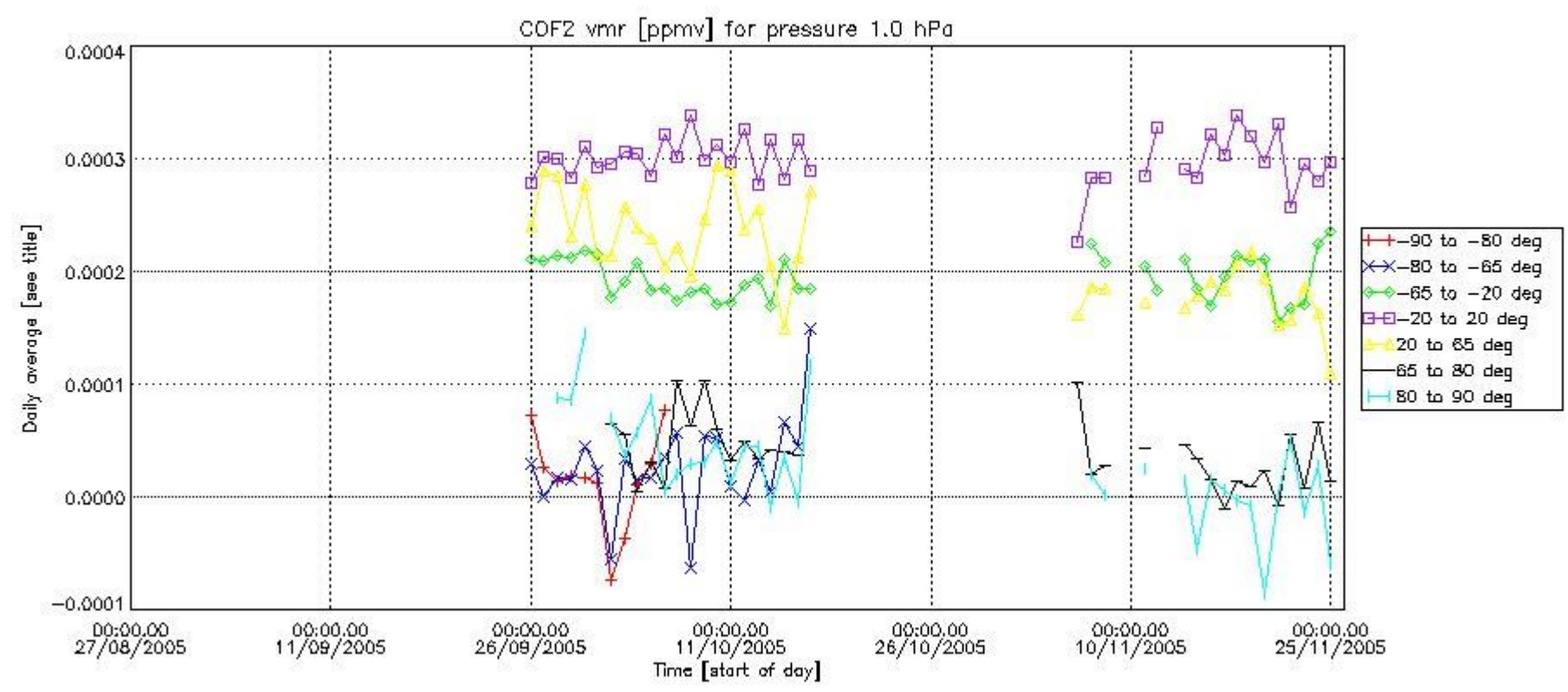


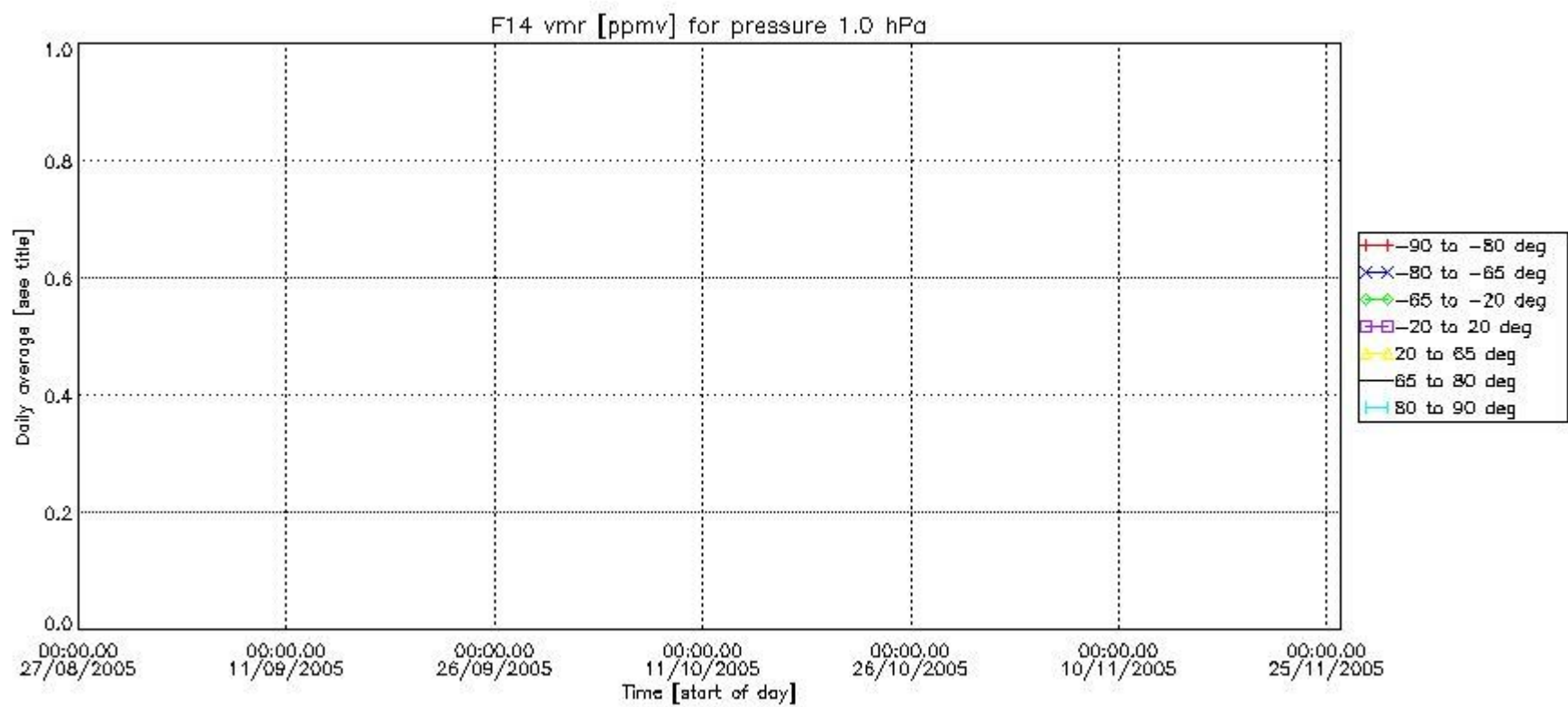
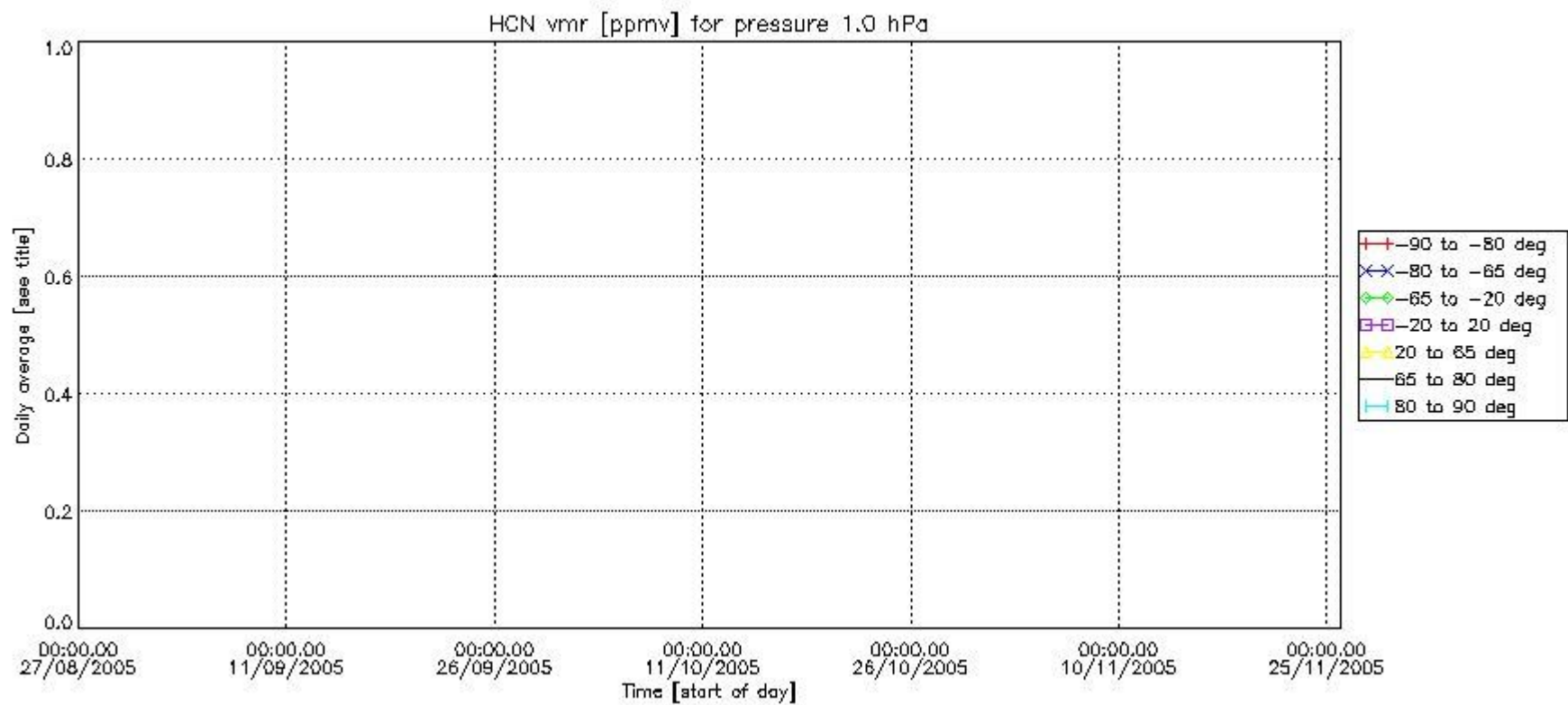


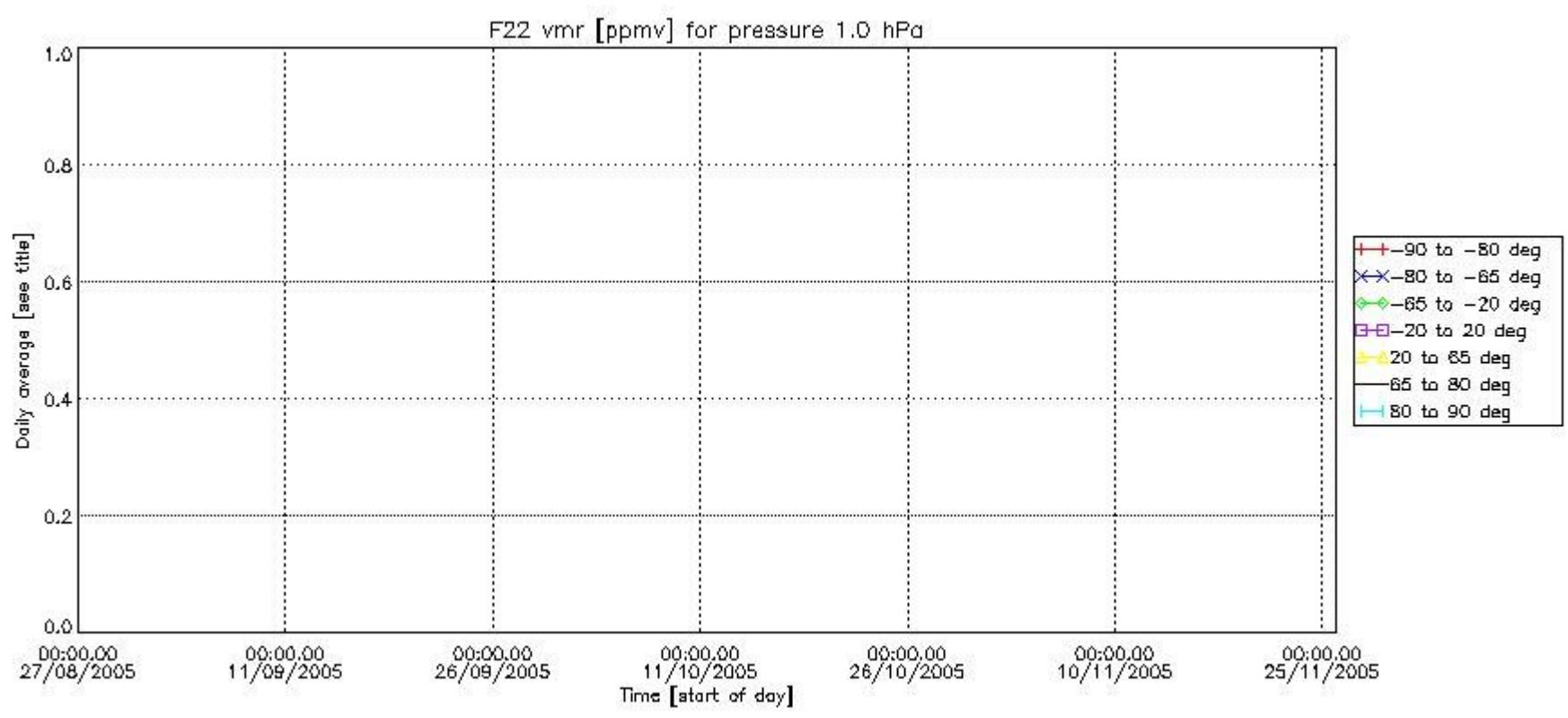












Number of successful retrievals vs. geolocation (*=day side , triangle=night side).

