

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

(See [mipas\\_daily\\_report\\_level2\\_ML2PP\\_7\\_03\\_W\\_20100106.html](#) for a detailed report).

### 2.1. General Info

- [2.1.1 Report summary](#)
- [2.1.2 Summary per product](#)

### 2.2 Processing performance indicators

- [2.2.1 Successful retrievals](#)
- [2.2.2 Pressure overview](#)
- [2.2.3 Temperature overview](#)
- [2.2.4 Species overview](#)
- [2.2.5 History of daily averages](#)

## 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	12MAY2016 12:40:48
Data source version	ML2PP/7.03-W
Processing scope for products	06JAN2010 00:00:00 to 07JAN2010 00:00:00
Start time of first product within scope	05JAN2010 23:28:41
Stop time of last product within scope	07JAN2010 00:37:05
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.

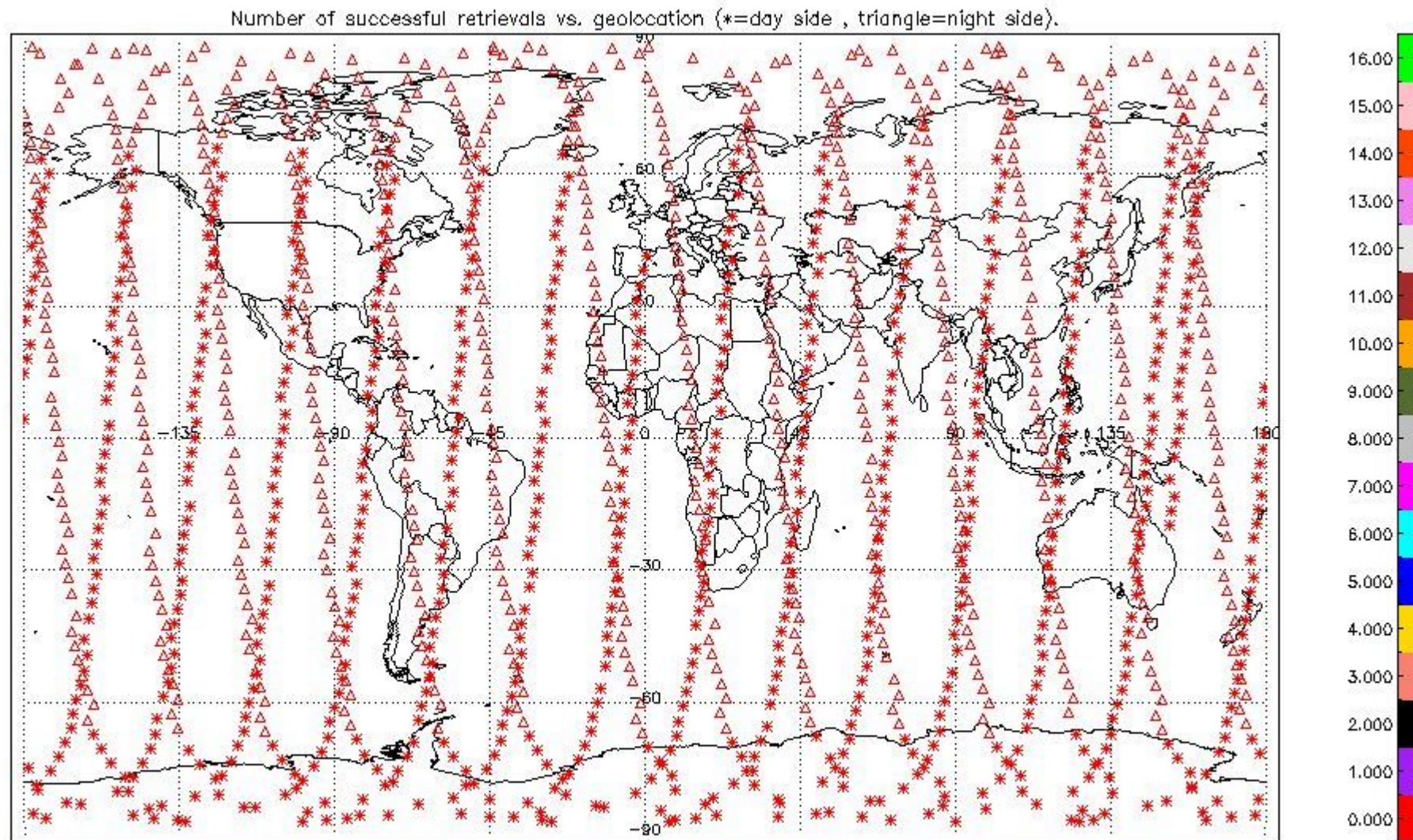
#	Product name	Start time	Stop time	Prod err	Number of scans (tot/proc)	Quality summary warnings
0	MIP_NL__2PWDSI20100105_232841_000060652085_00417_41052_1000.N1	05JAN2010 23:28:41	06JAN2010 01:09:45	0	104/104	
1	MIP_NL__2PWDSI20100106_010952_000060082085_00418_41053_1000.N1	06JAN2010 01:09:52	06JAN2010 02:50:00	0	103/103	
2	MIP_NL__2PWDSI20100106_025006_000060382085_00419_41054_1000.N1	06JAN2010 02:50:06	06JAN2010 04:30:44	0	103/103	
3	MIP_NL__2PWDSI20100106_043050_000060082085_00420_41055_1000.N1	06JAN2010 04:30:50	06JAN2010 06:10:59	0	103/103	
4	MIP_NL__2PWDSI20100106_061105_000060652085_00421_41056_1000.N1	06JAN2010 06:11:05	06JAN2010 07:52:10	0	104/104	
5	MIP_NL__2PWDSI20100106_075216_000060382085_00422_41057_1000.N1	06JAN2010 07:52:16	06JAN2010 09:32:54	0	103/103	
6	MIP_NL__2PWDSI20100106_093300_000060132085_00423_41058_1000.N1	06JAN2010 09:33:00	06JAN2010 11:13:13	0	88/88	
7	MIP_NL__2PWDSI20100106_111319_000060082085_00424_41059_1000.N1	06JAN2010 11:13:19	06JAN2010 12:53:27	0	103/103	
8	MIP_NL__2PWDSI20100106_125333_000060652085_00425_41060_1000.N1	06JAN2010 12:53:33	06JAN2010 14:34:38	0	104/104	
9	MIP_NL__2PWDSI20100106_143445_000060382085_00426_41061_1000.N1	06JAN2010 14:34:45	06JAN2010 16:15:22	0	103/103	
10	MIP_NL__2PWDSI20100106_161528_000060082085_00427_41062_1000.N1	06JAN2010 16:15:28	06JAN2010 17:55:37	0	103/103	
11	MIP_NL__2PWDSI20100106_175543_000060082085_00428_41063_1000.N1	06JAN2010 17:55:43	06JAN2010 19:35:51	0	103/103	
12	MIP_NL__2PWDSI20100106_193558_000060382085_00429_41064_1000.N1	06JAN2010 19:35:58	06JAN2010 21:16:35	0	103/103	
13	MIP_NL__2PWDSI20100106_211642_000060082085_00430_41065_1000.N1	06JAN2010 21:16:42	06JAN2010 22:56:50	0	103/103	
14	MIP_NL__2PWDSI20100106_225753_000059522085_00431_41066_1000.N1	06JAN2010 22:57:53	07JAN2010 00:37:05	0	102/102	

## 2.2 Processing performance indicators

## 2.2.1 Successful retrievals

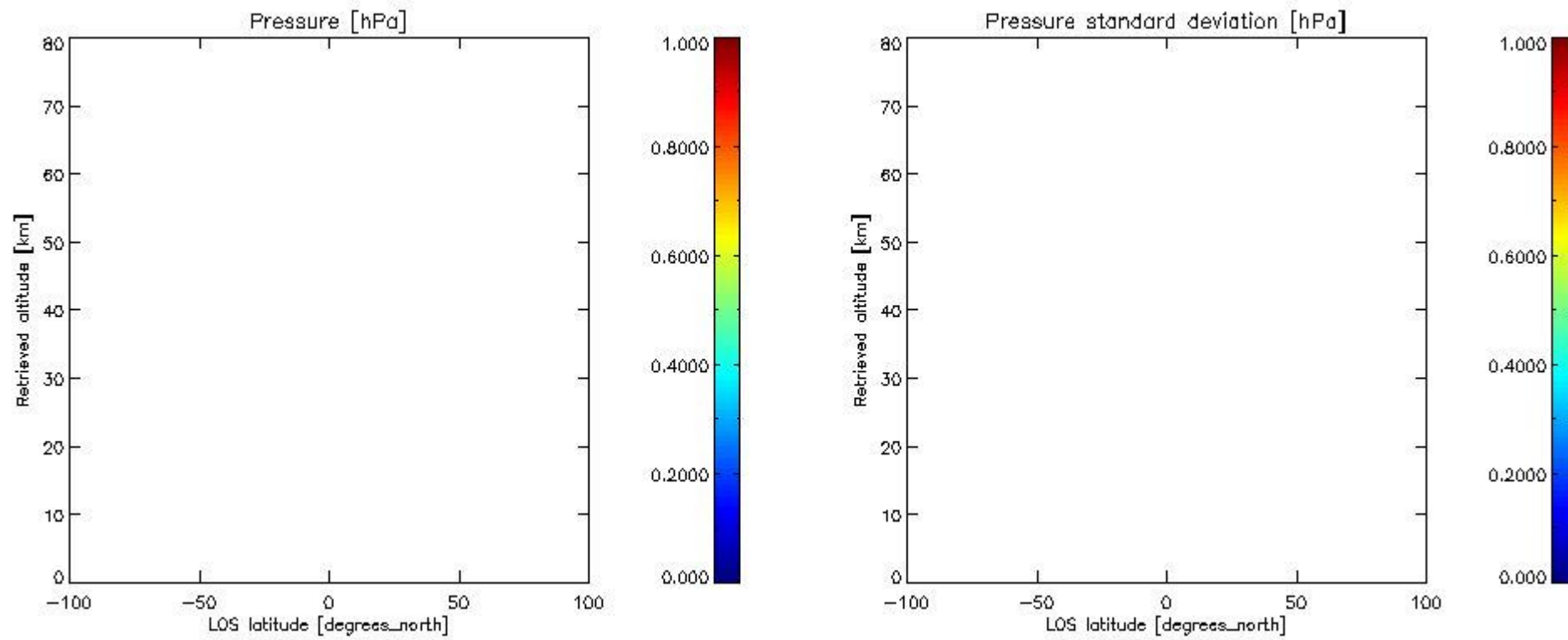
This section includes a table with statistics on the number of retrievals, as well as a worldmap plot that shows successful retrievals.

RETRIEVAL MDS	# scans processed	# Successful retrievals	%
PT	1532	0	0.0000
H2O	1532	0	0.0000
O3	1532	0	0.0000
HNO3	1532	0	0.0000
CH4	1532	0	0.0000
N2O	1532	0	0.0000
NO2	1532	0	0.0000
F11	1532	0	0.0000
CLNO	1532	0	0.0000
N2O5	1532	0	0.0000
F12	1532	0	0.0000
COF2	1532	0	0.0000
CCL4	1532	0	0.0000
HCN	1532	0	0.0000
F14	1532	0	0.0000
F22	1532	0	0.0000



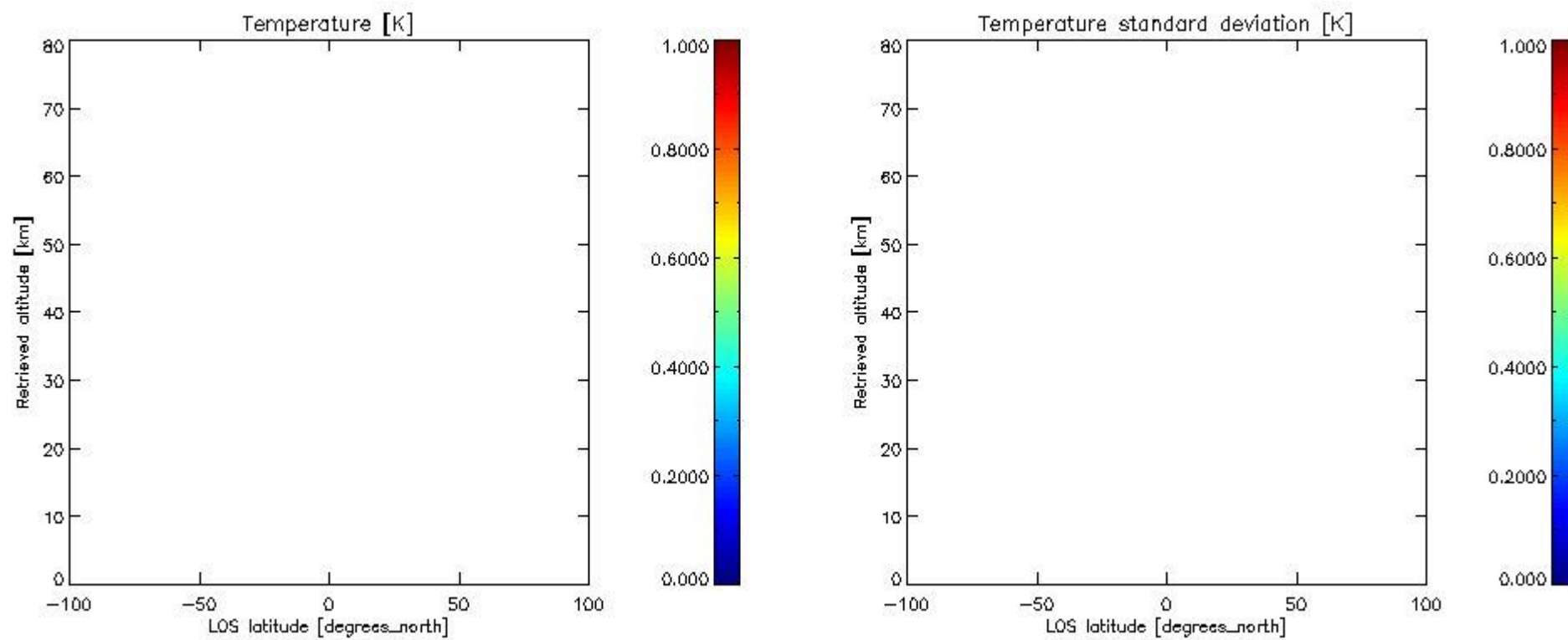
## 2.2.2 Pressure overview

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



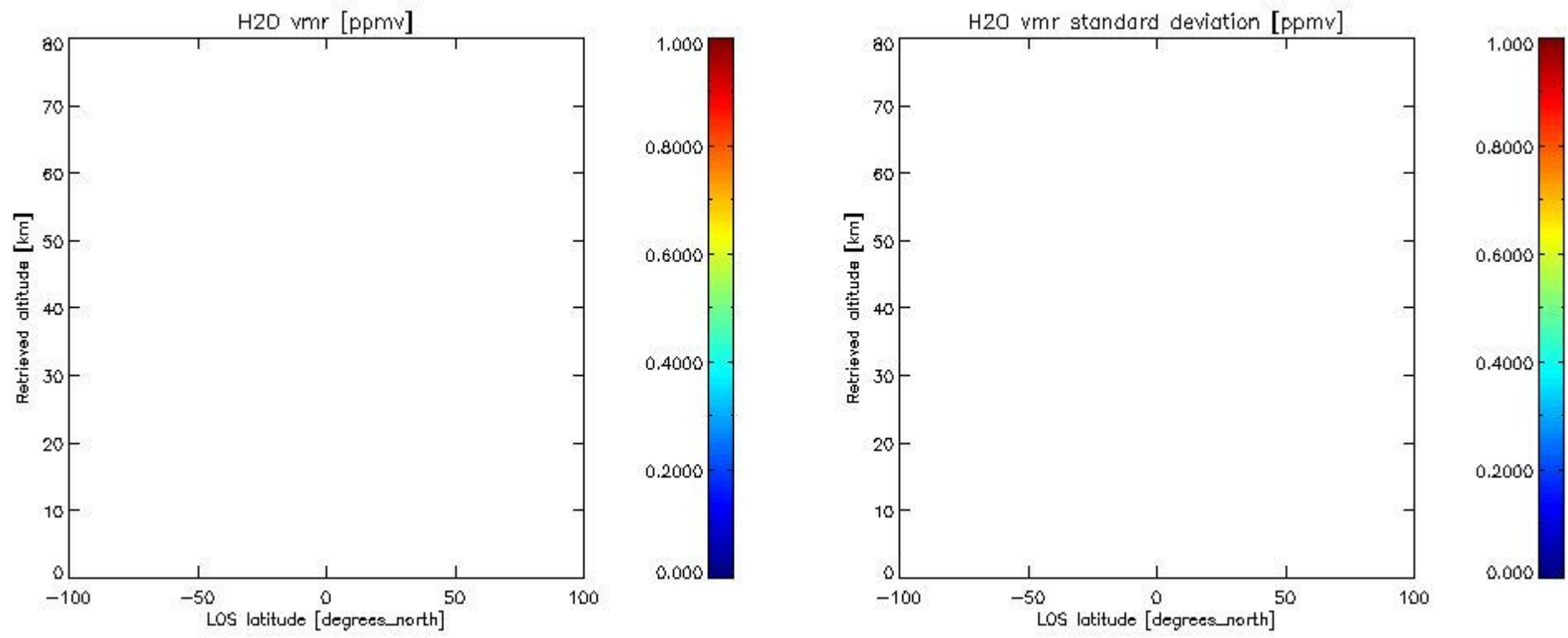
### 2.2.3 Temperature overview

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

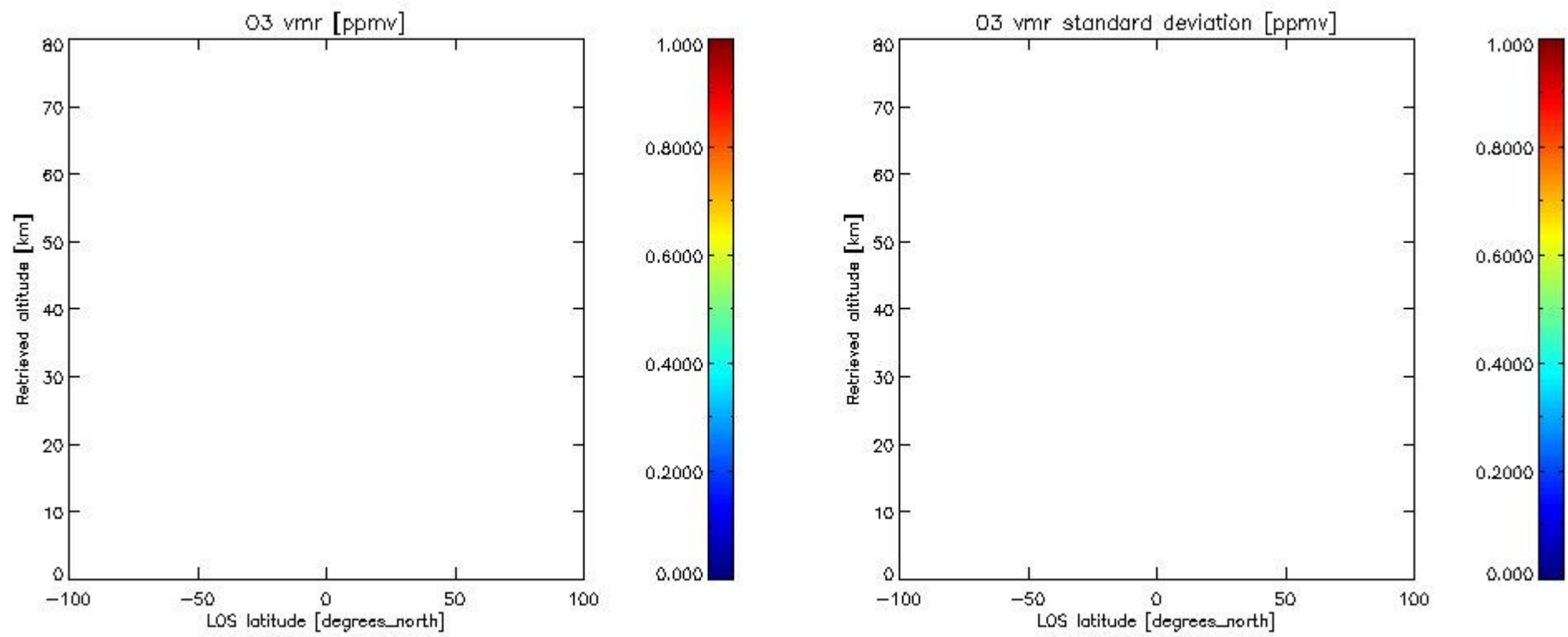


### 2.2.4 Species overview

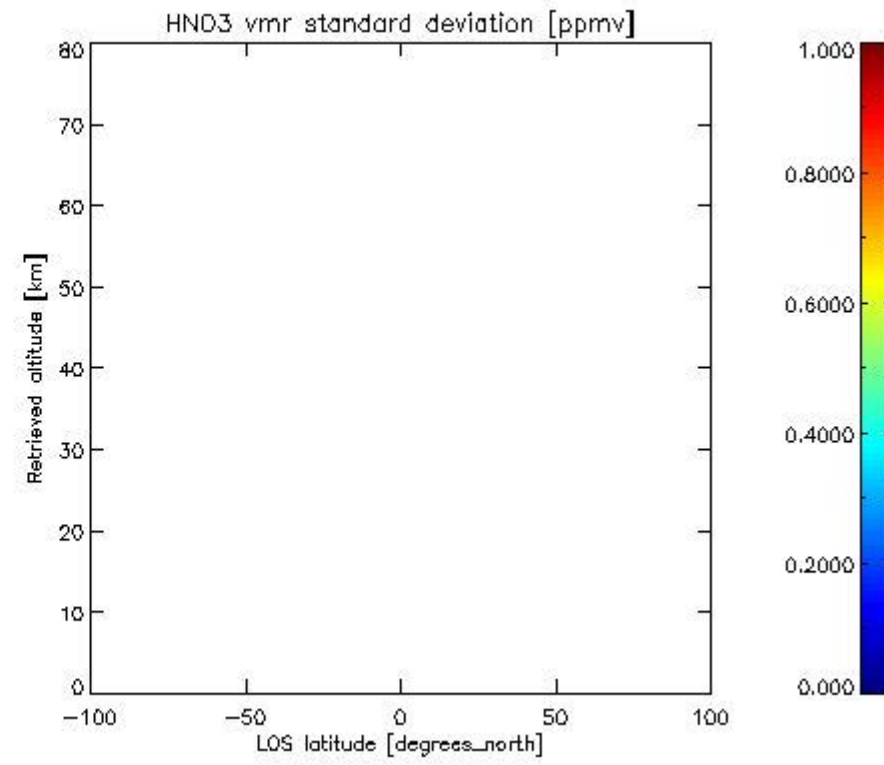
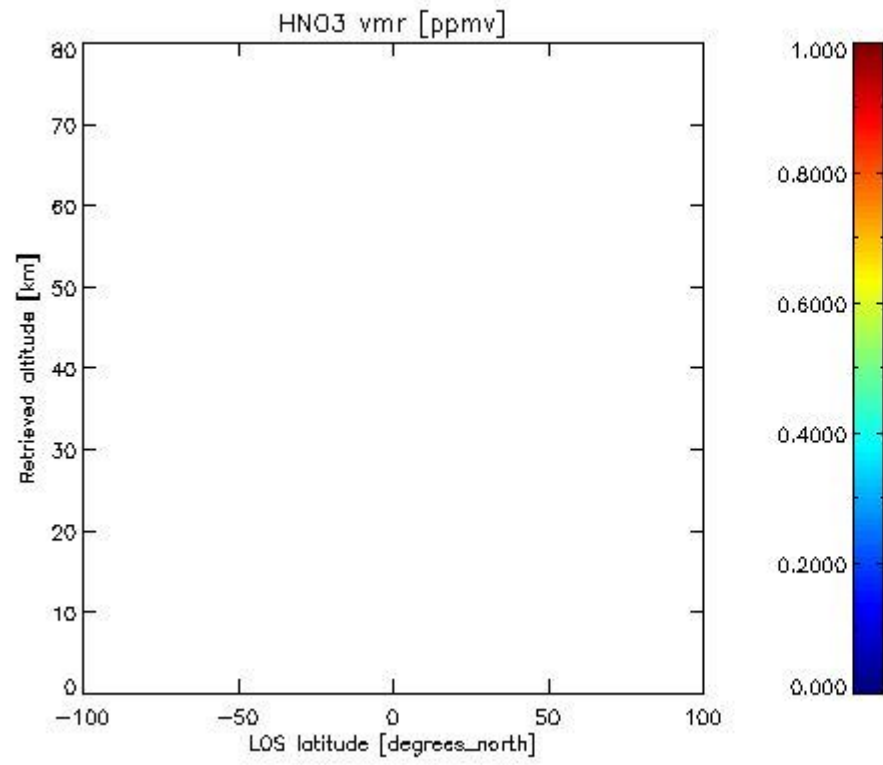
**2.2.4.1 H2O overview** This section shows values (left) and error (right) for H2O after binning individual sweep values over retrieved altitude and tangent latitude.



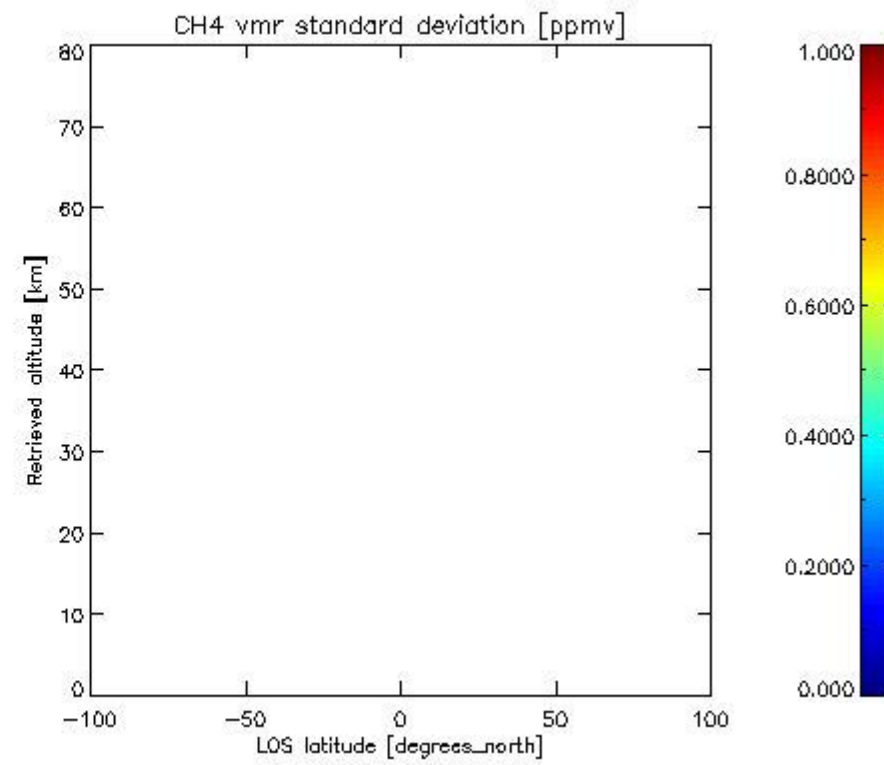
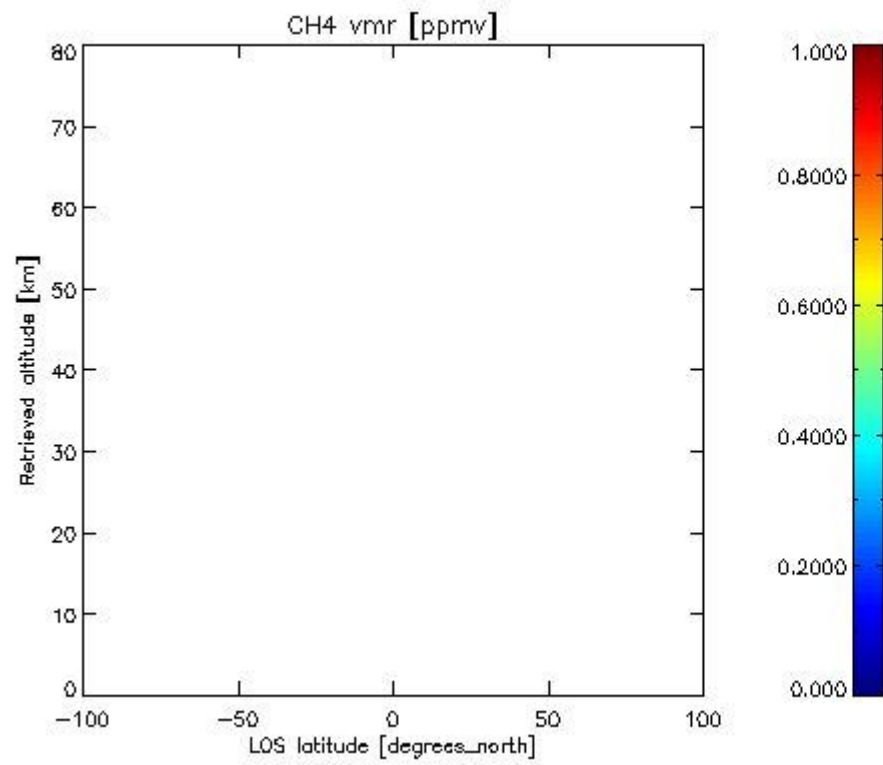
2.2.4.2 O3 overview This section shows values (left) and error (right) for O3 after binning individual sweep values over retrieved altitude and tangent latitude.



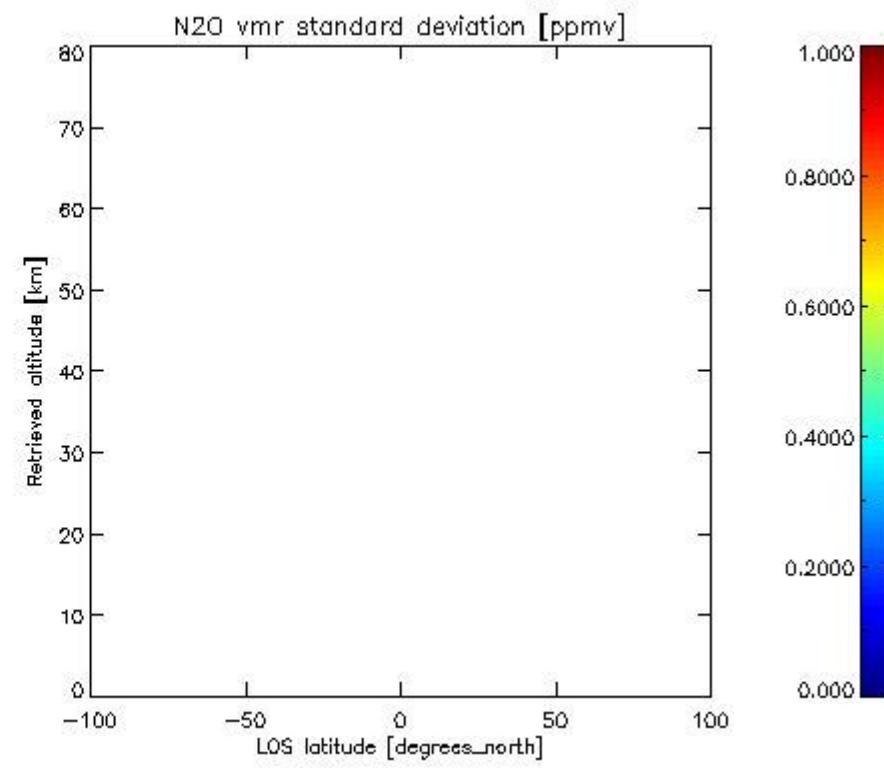
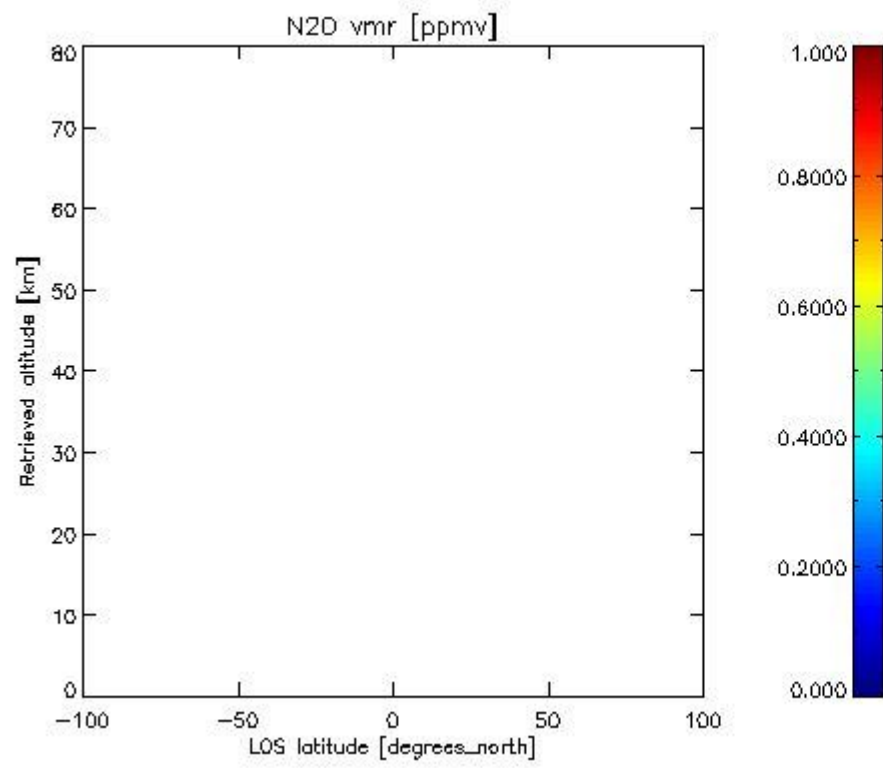
2.2.4.3 HNO3 overview This section shows values (left) and error (right) for HNO3 after binning individual sweep values over retrieved altitude and tangent latitude.



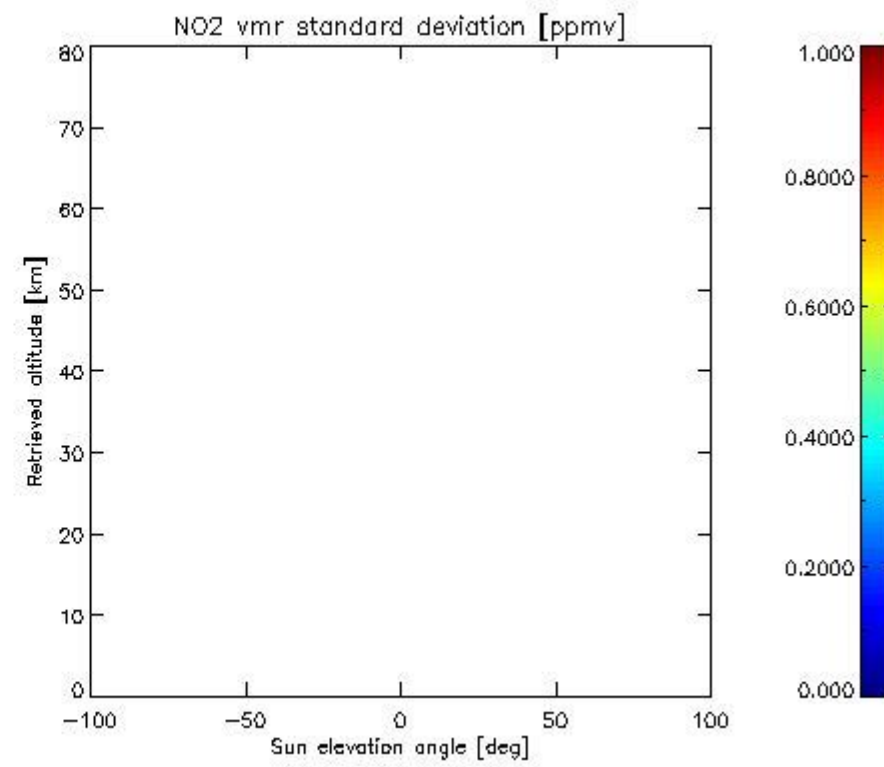
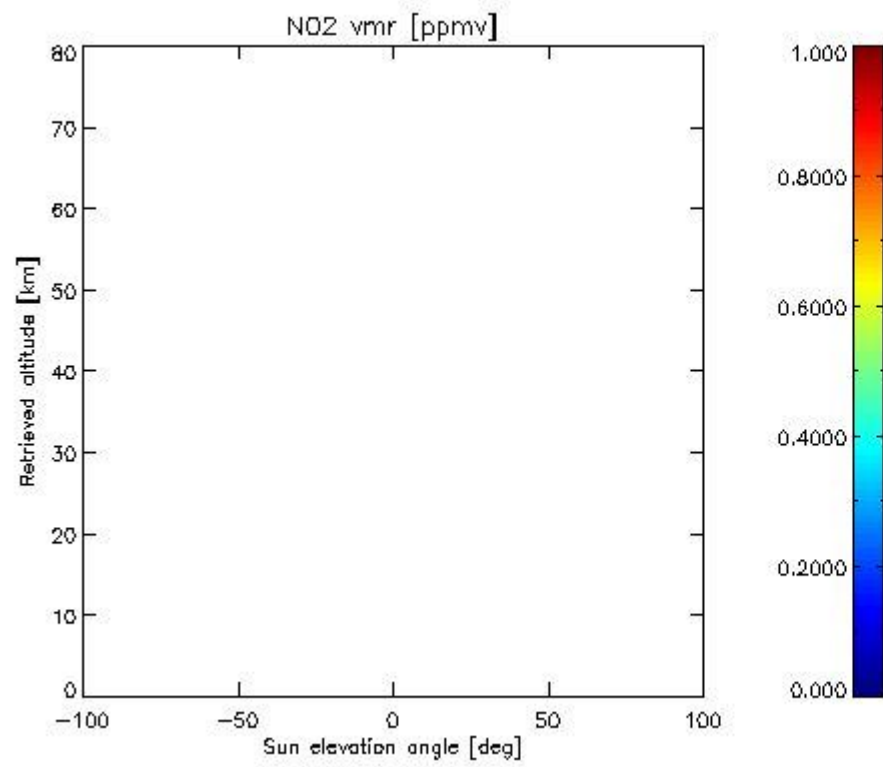
2.2.4.4 CH4 overview This section shows values (left) and error (right) for CH4 after binning individual sweep values over retrieved altitude and tangent latitude.



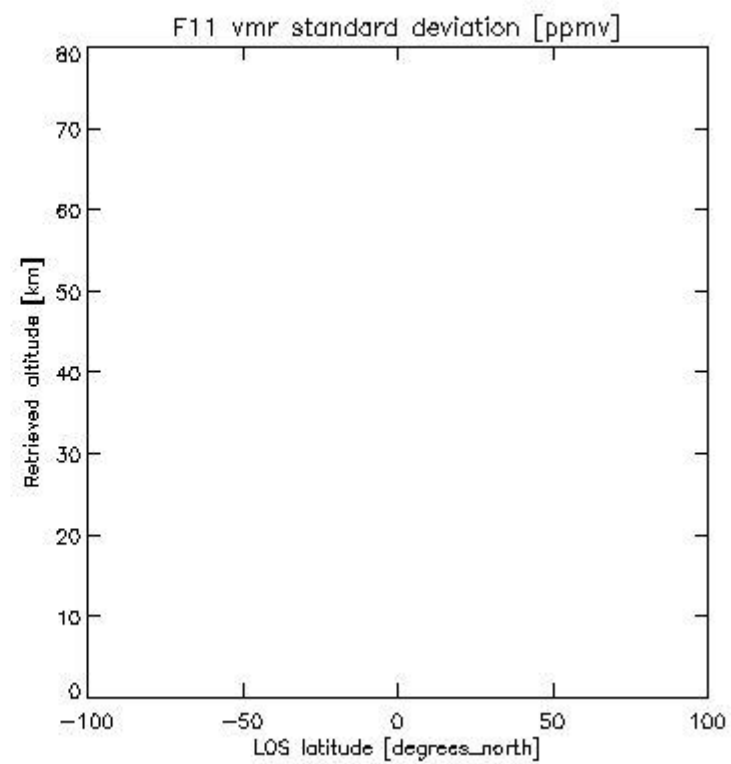
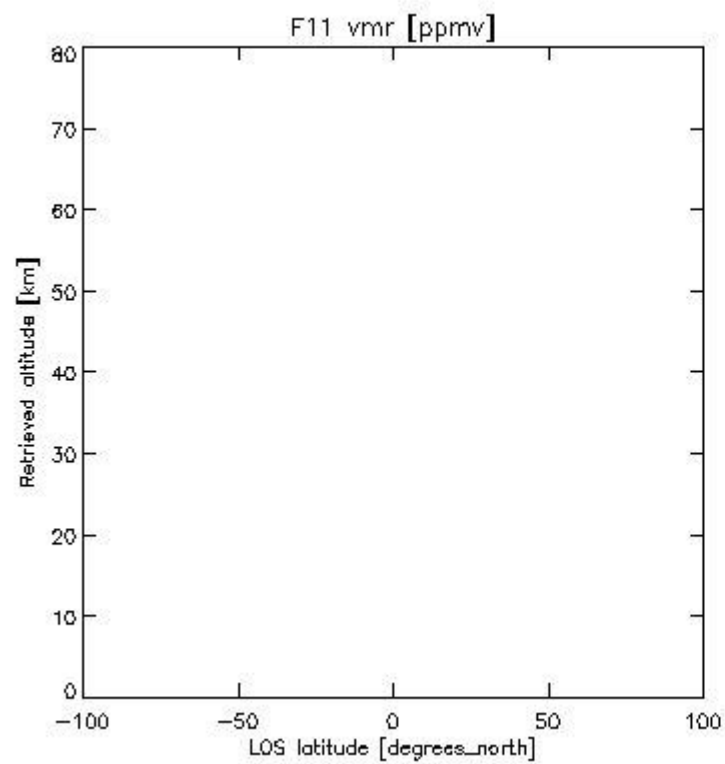
2.2.4.5 N2O overview This section shows values (left) and error (right) for N2O after binning individual sweep values over retrieved altitude and tangent latitude.



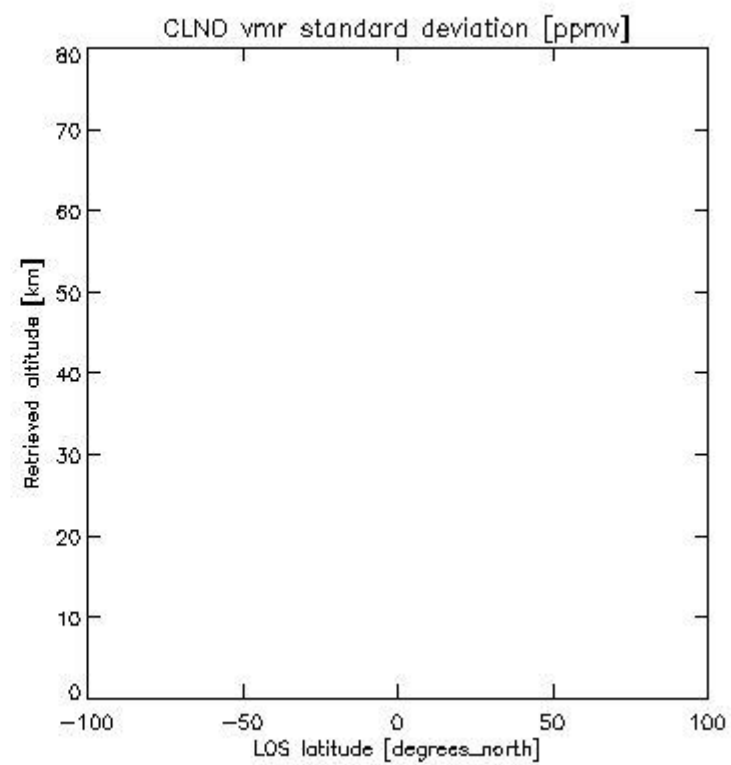
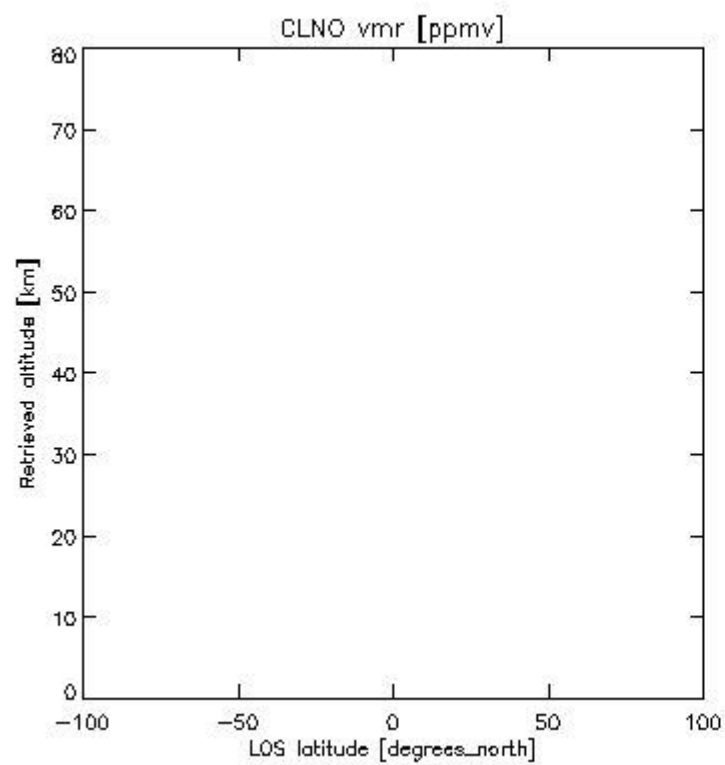
2.2.4.6 NO<sub>2</sub> overview This section shows values (left) and error (right) for NO<sub>2</sub> after binning individual sweep values over retrieved altitude and Sun Elevation Angle. Note that for NO<sub>2</sub> the bin heights are 6 km.

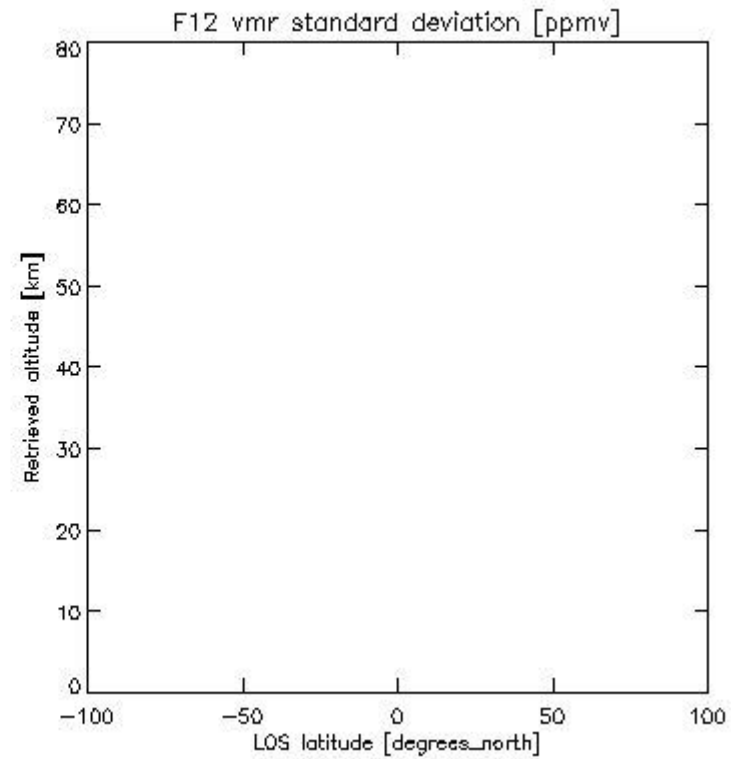
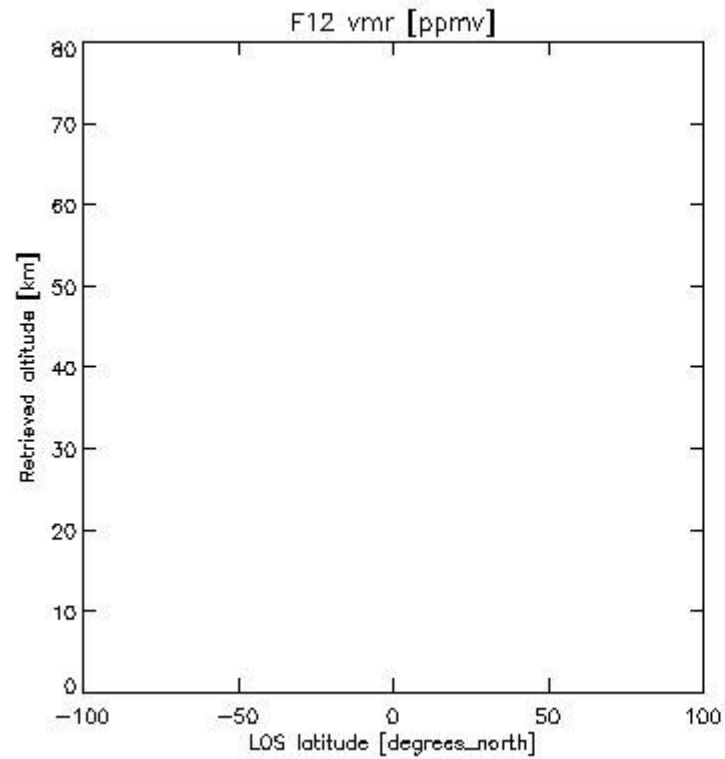
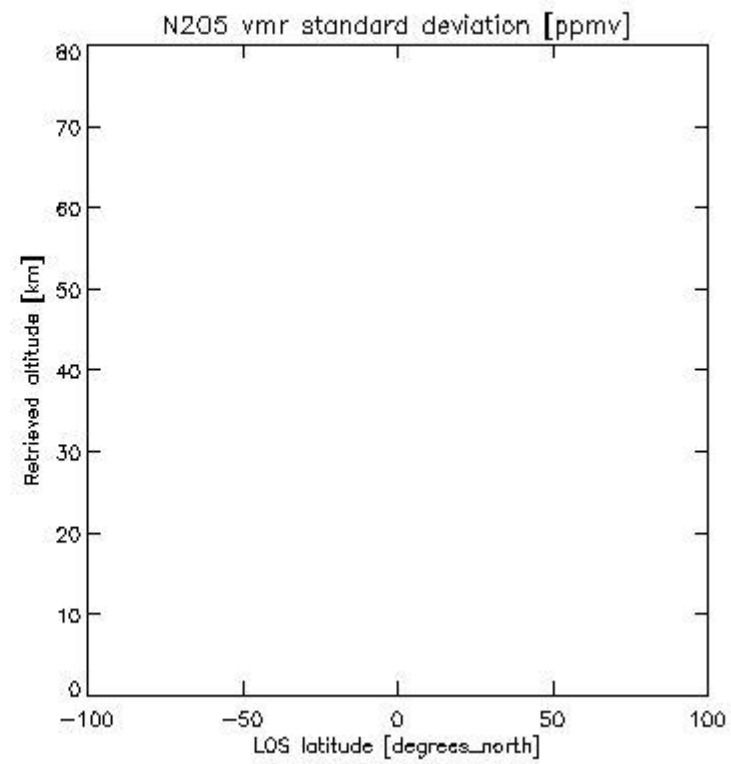
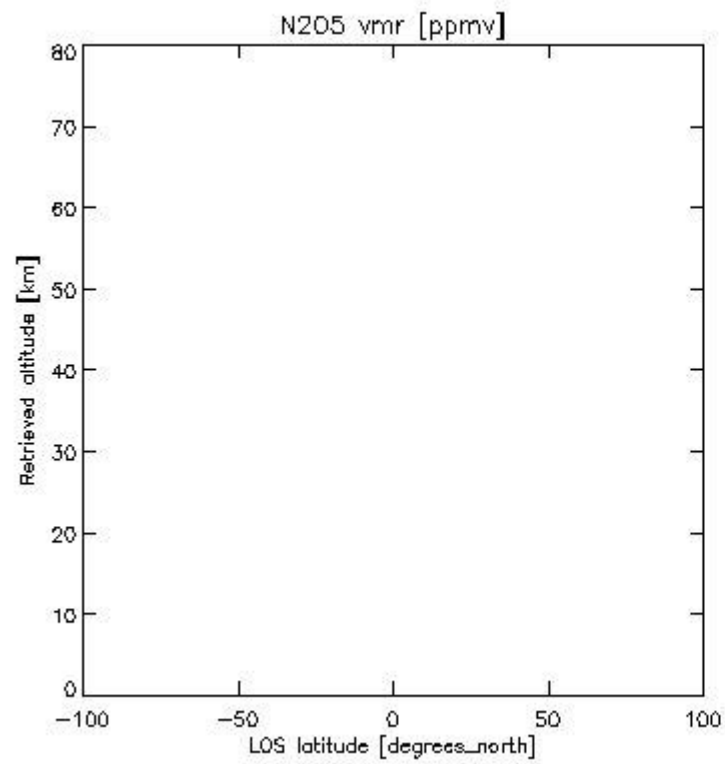


2.2.4.7 F11 overview This section shows values (left) and error (right) for F11 after binning individual sweep values over retrieved altitude and tangent latitude.

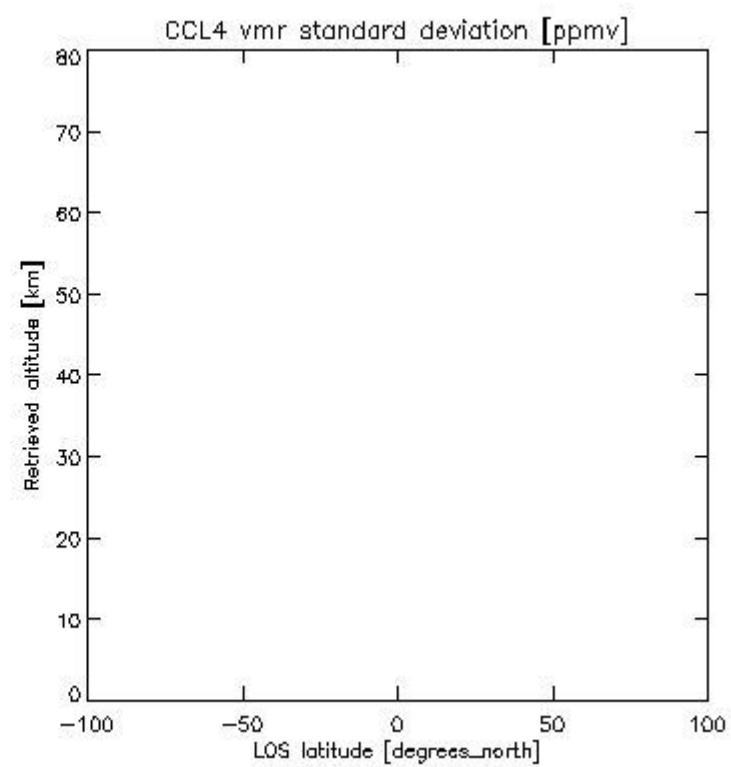
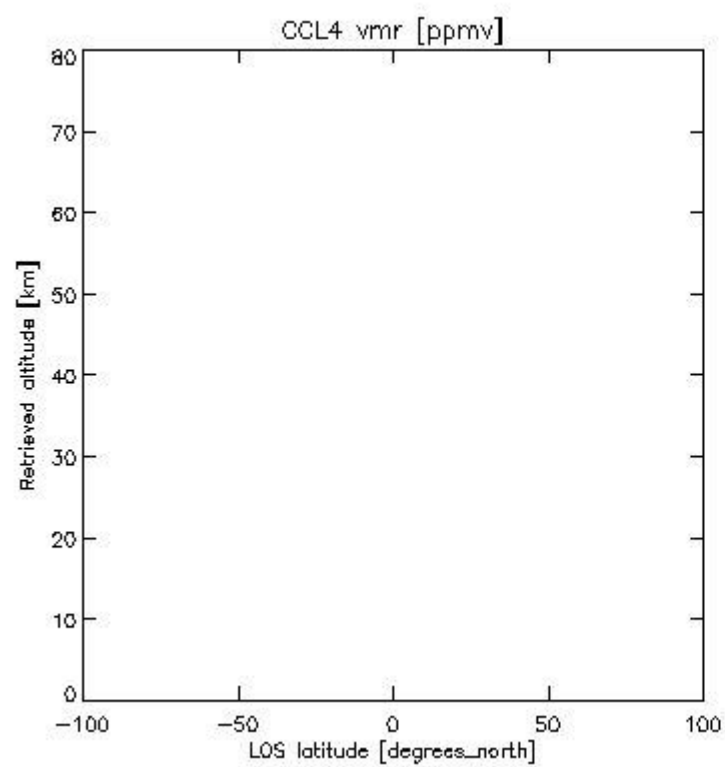
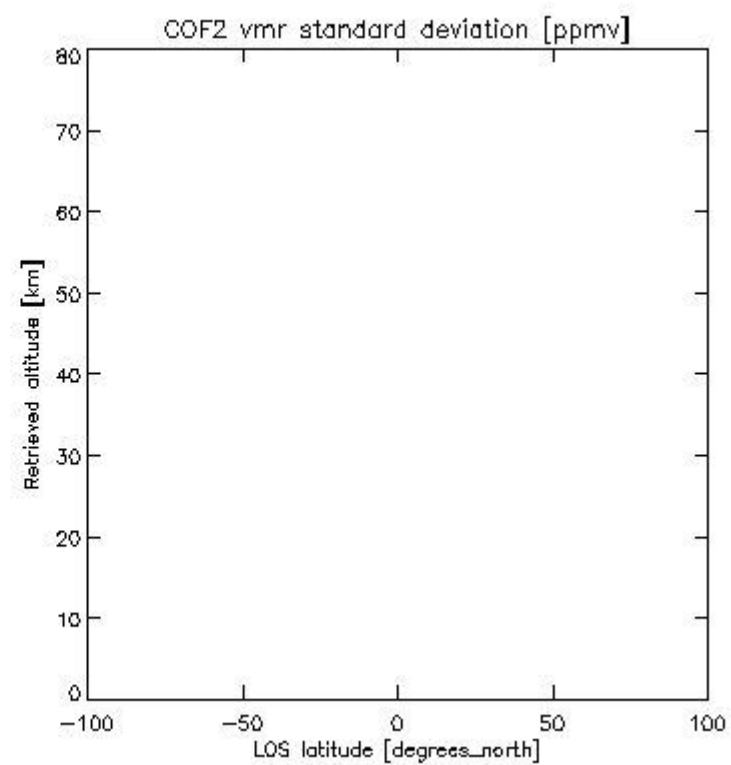
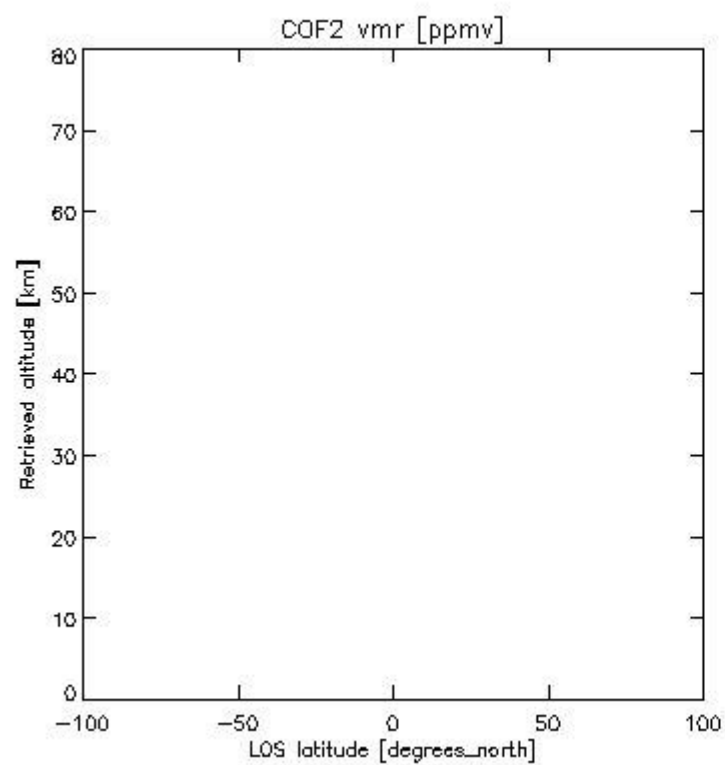


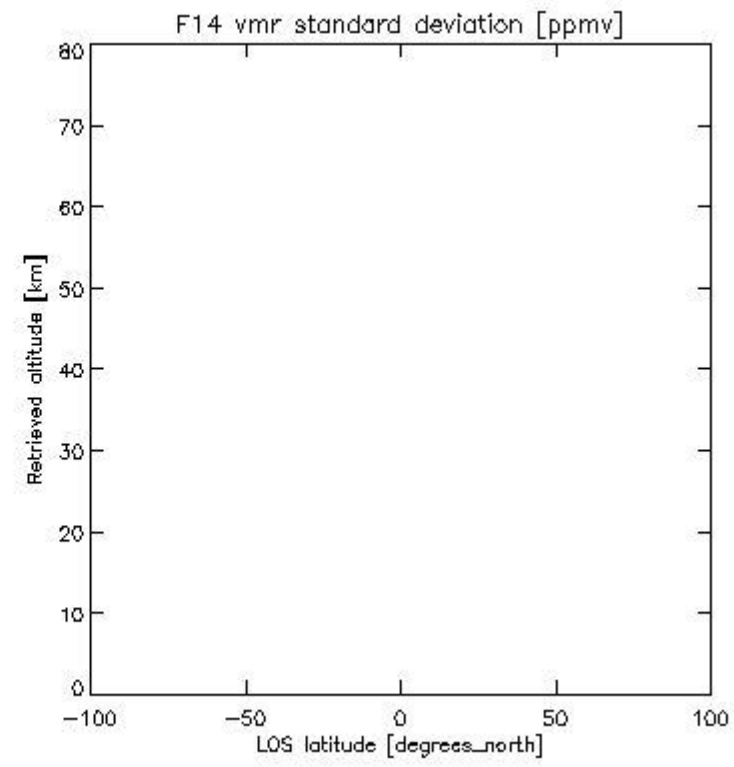
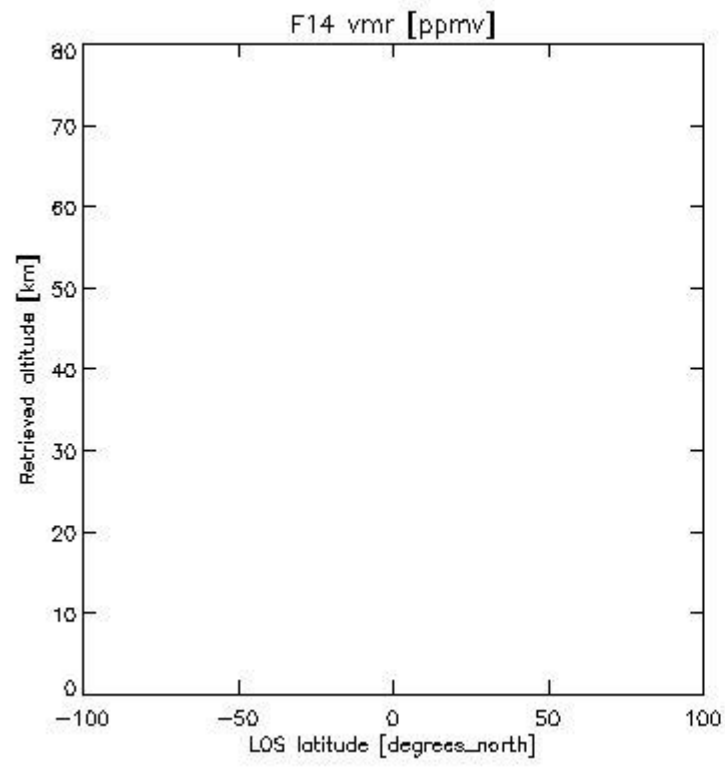
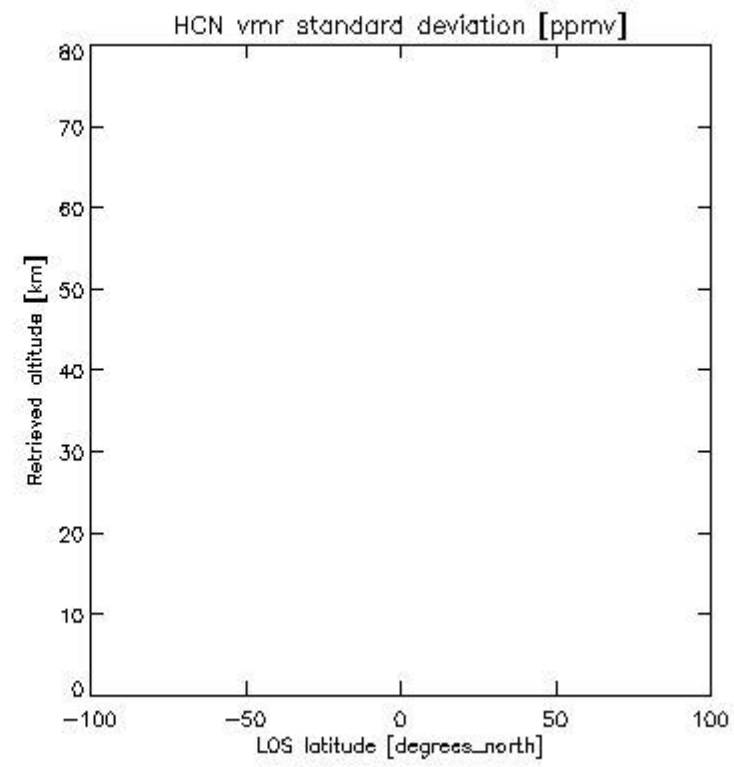
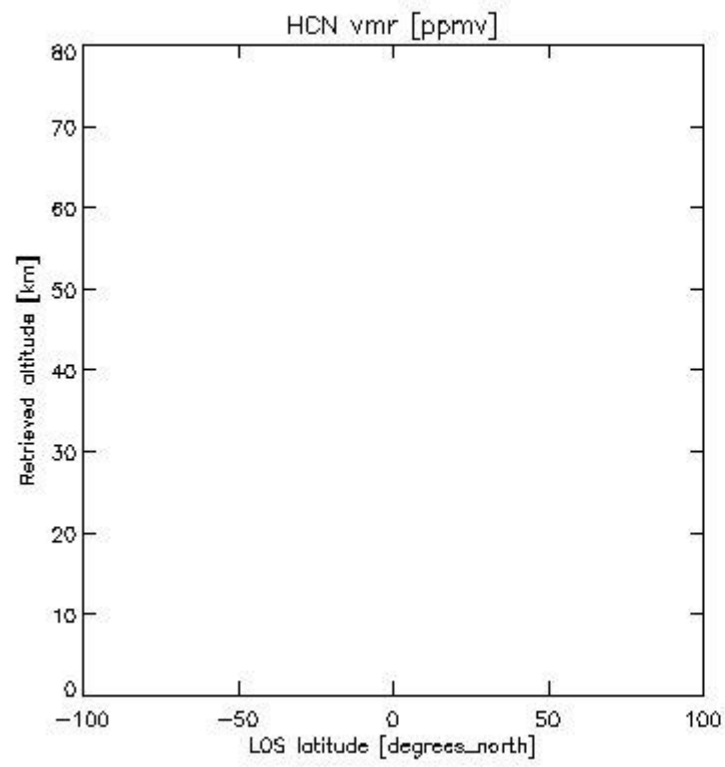
2.3.4 CLNO overview This section shows values (left) and error (right) for CLNO after binning individual sweep values over retrieved altitude and target latitude.

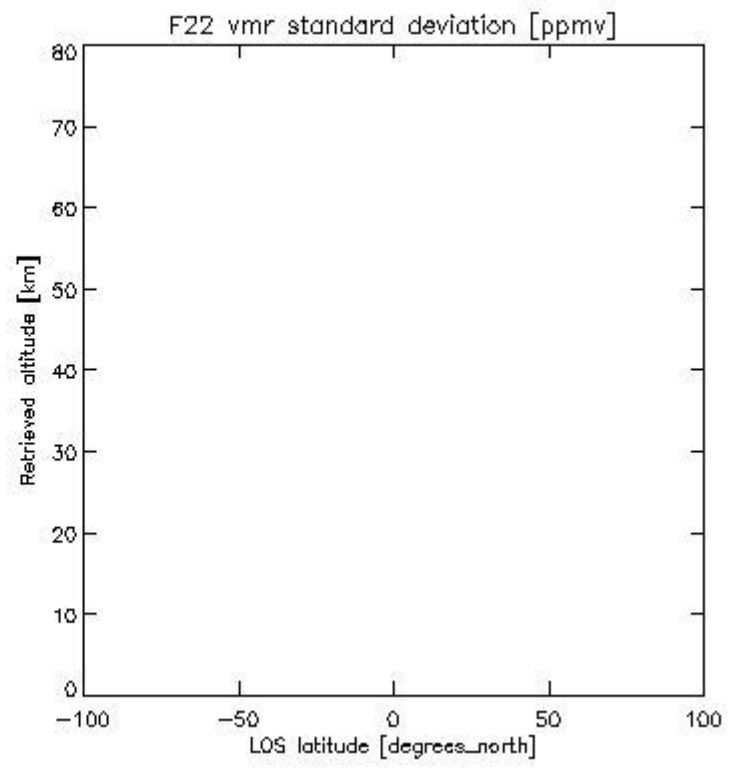
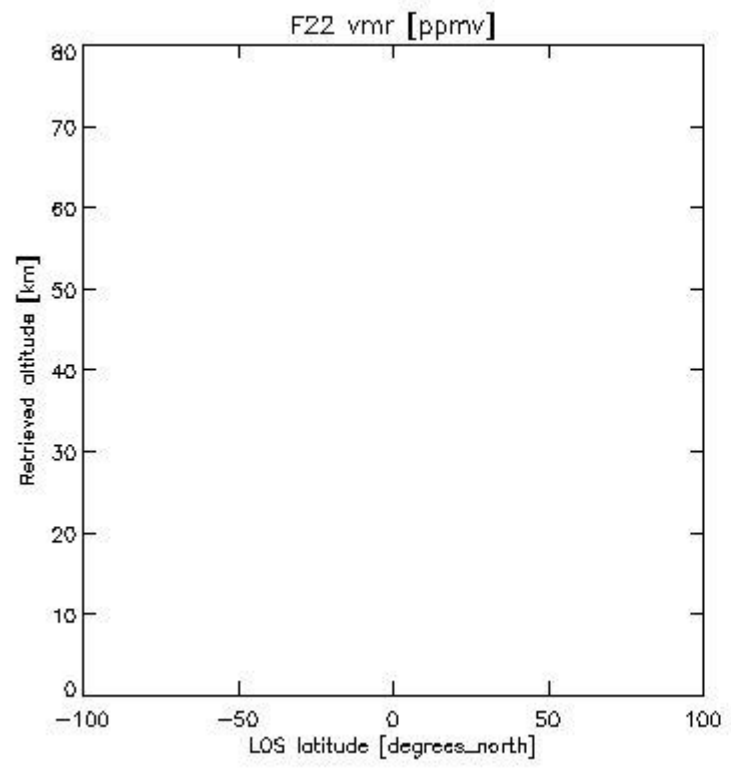












-----  
-----  
-----  
-----  
-----  
-----  
-----  
-----

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

