

2. MIPAS Daily Report for level 2 products summary report

(See [mipas_daily_report_level2_ML2PP_7_03_W_20050417.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 10:36:15
Data source version	ML2PP/7.03-W
Processing scope for products	17APR2005 00:00:00 to 18APR2005 00:00:00
Start time of first product within scope	17APR2005 10:03:27
Stop time of last product within scope	18APR2005 00:52:27
Total number of level 2 products	9
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__2PWDSI20050417_100327_000050172036_00280_16366_1000.N1	17APR2005 10:03:27	17APR2005 11:27:05	0	116/116	
1	MIP_NL__2PWDSI20050417_112753_000060402036_00281_16367_1000.N1	17APR2005 11:27:53	17APR2005 13:08:33	0	115/115	
2	MIP_NL__2PWDSI20050417_130839_000060122036_00282_16368_1000.N1	17APR2005 13:08:39	17APR2005 14:48:51	0	134/134	
3	MIP_NL__2PWDSI20050417_144857_000060302036_00283_16369_1000.N1	17APR2005 14:48:57	17APR2005 16:29:27	0	134/134	
4	MIP_NL__2PWDSI20050417_162933_000060302036_00284_16370_1000.N1	17APR2005 16:29:33	17APR2005 18:10:03	0	134/134	
5	MIP_NL__2PWDSI20050417_181009_000060302036_00285_16371_1000.N1	17APR2005 18:10:09	17APR2005 19:50:39	0	134/134	
6	MIP_NL__2PWDSI20050417_195045_000060302036_00286_16372_1000.N1	17APR2005 19:50:45	17APR2005 21:31:15	0	134/134	
7	MIP_NL__2PWDSI20050417_213121_000060302036_00287_16373_1000.N1	17APR2005 21:31:21	17APR2005 23:11:51	0	134/134	
8	MIP_NL__2PWDSI20050417_231157_000060302036_00288_16374_1000.N1	17APR2005 23:11:57	18APR2005 00:52:27	0	134/134	

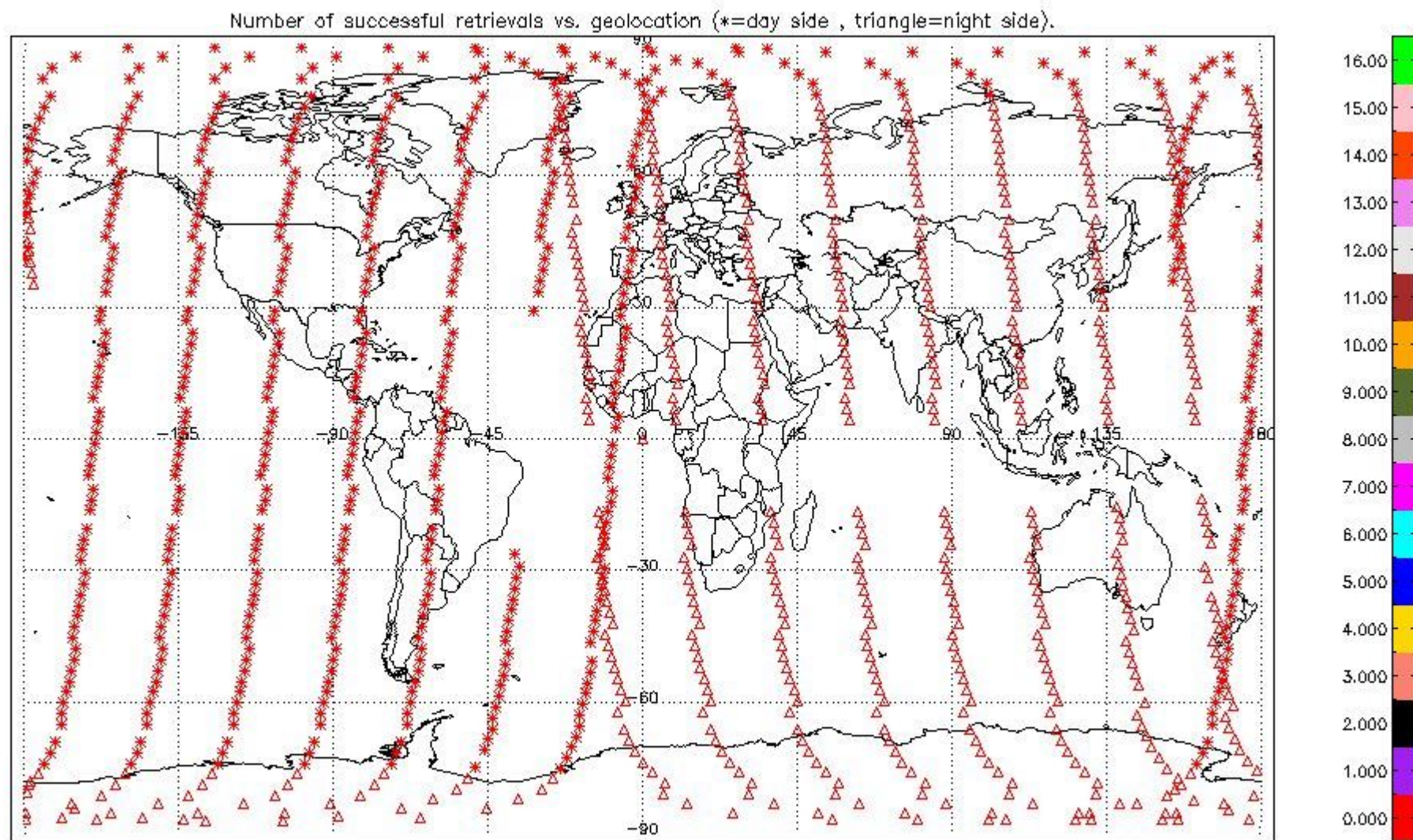
2.2 Processing performance indicators

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.

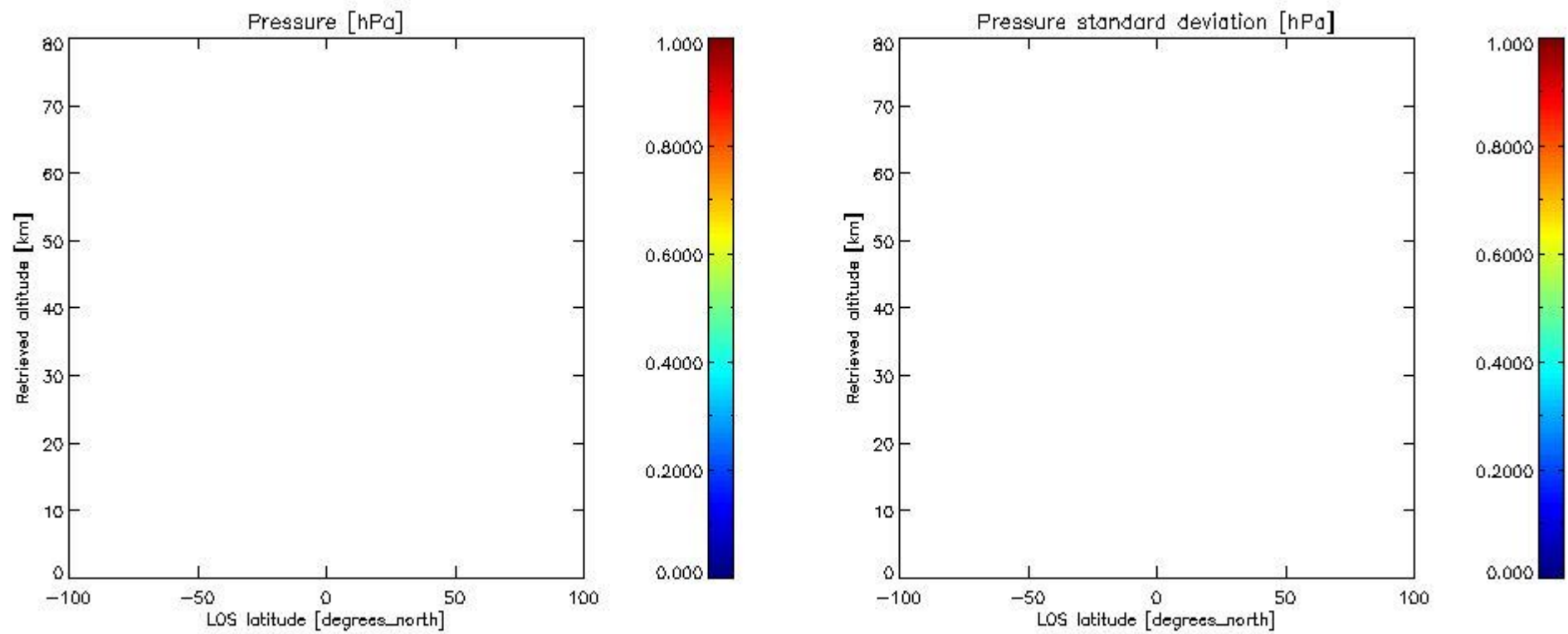
RETRIEVAL MDS	# scans processed	# Successful retrievals	%
PT	1169	0	0.0000

H2O	1169	0	0.0000
O3	1169	0	0.0000
HNO3	1169	0	0.0000
CH4	1169	0	0.0000
N2O	1169	0	0.0000
NO2	1169	0	0.0000
F11	1169	0	0.0000
CLNO	1169	0	0.0000
N2O5	1169	0	0.0000
F12	1169	0	0.0000
COF2	1169	0	0.0000
CCL4	1169	0	0.0000
HCN	1169	0	0.0000
F14	1169	0	0.0000
F22	1169	0	0.0000



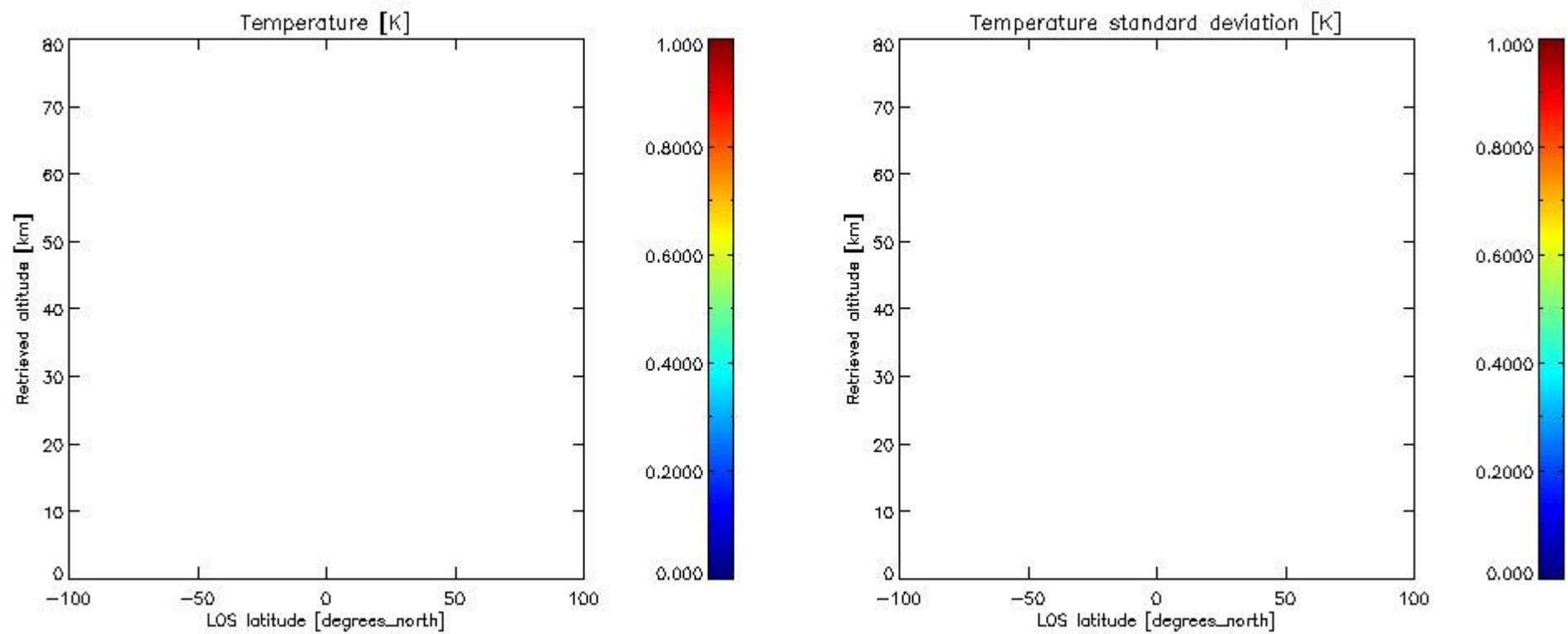
2.2.2 Pressure overview

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



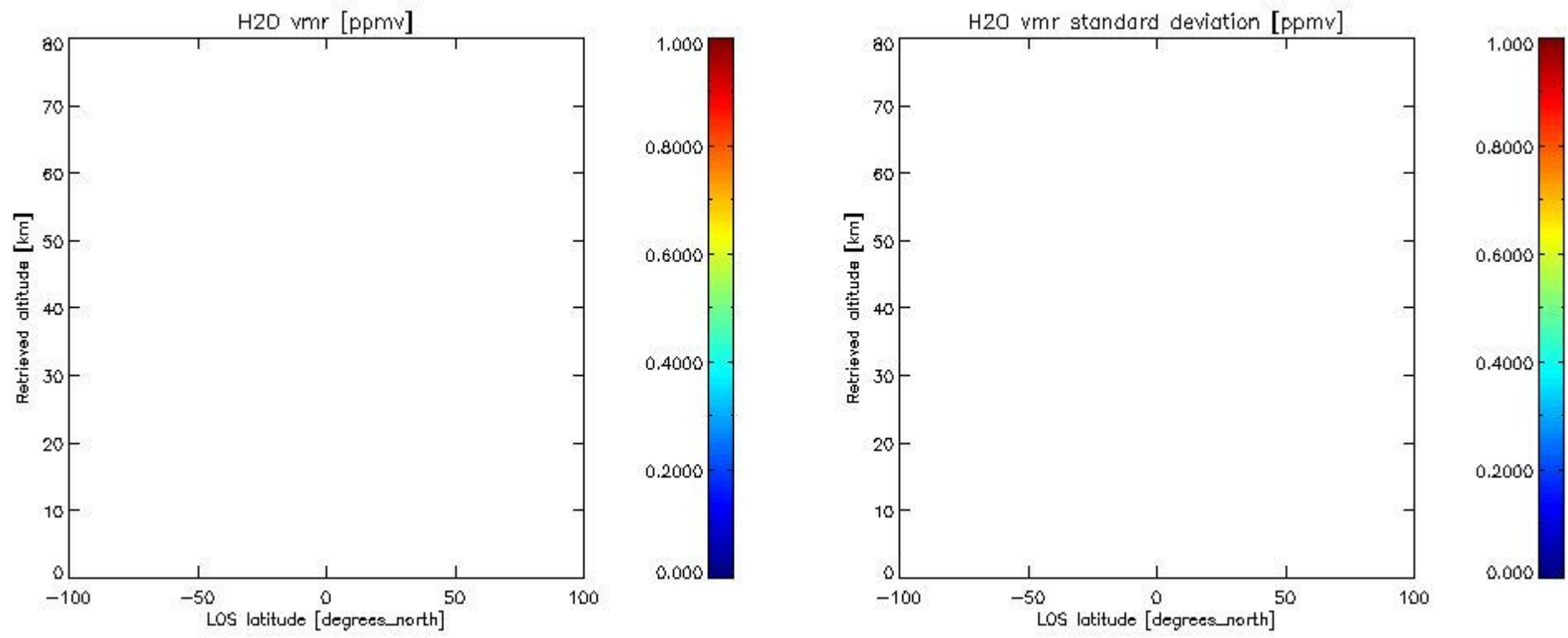
2.2.3 Temperature overview

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

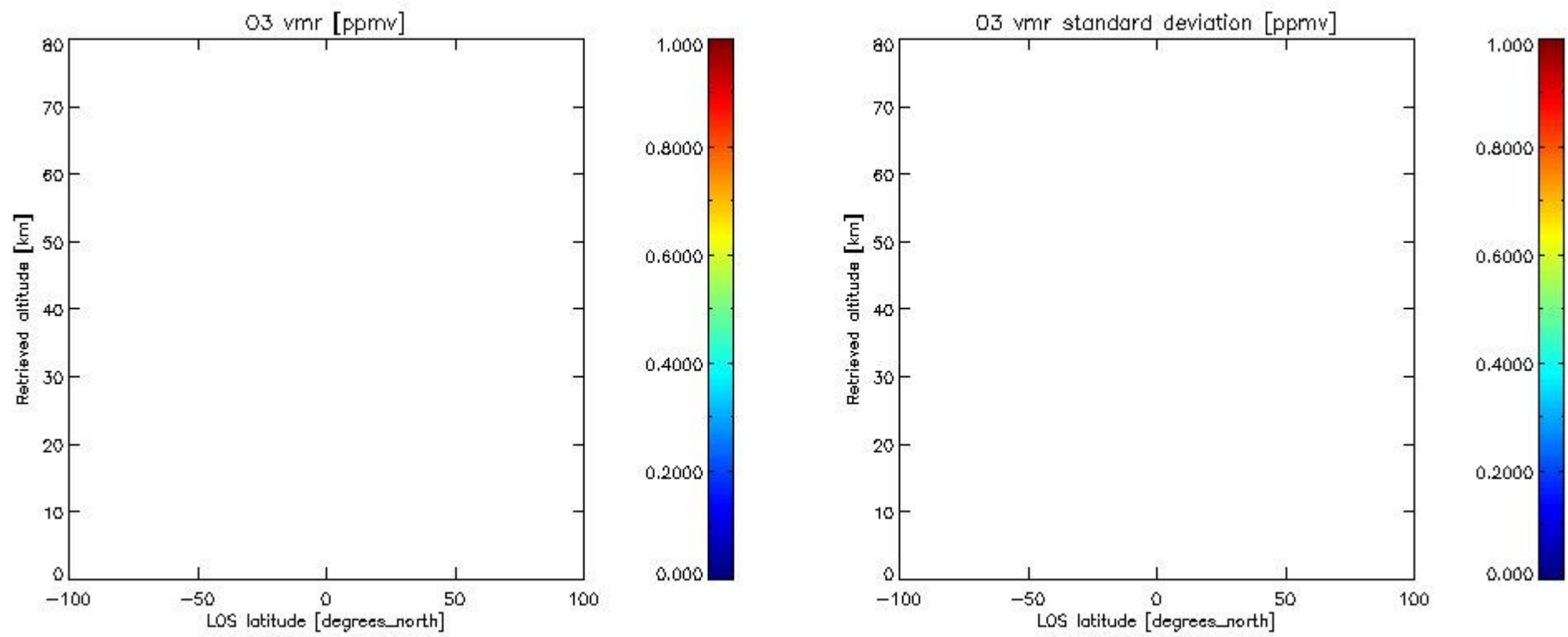


2.2.4 Species overview

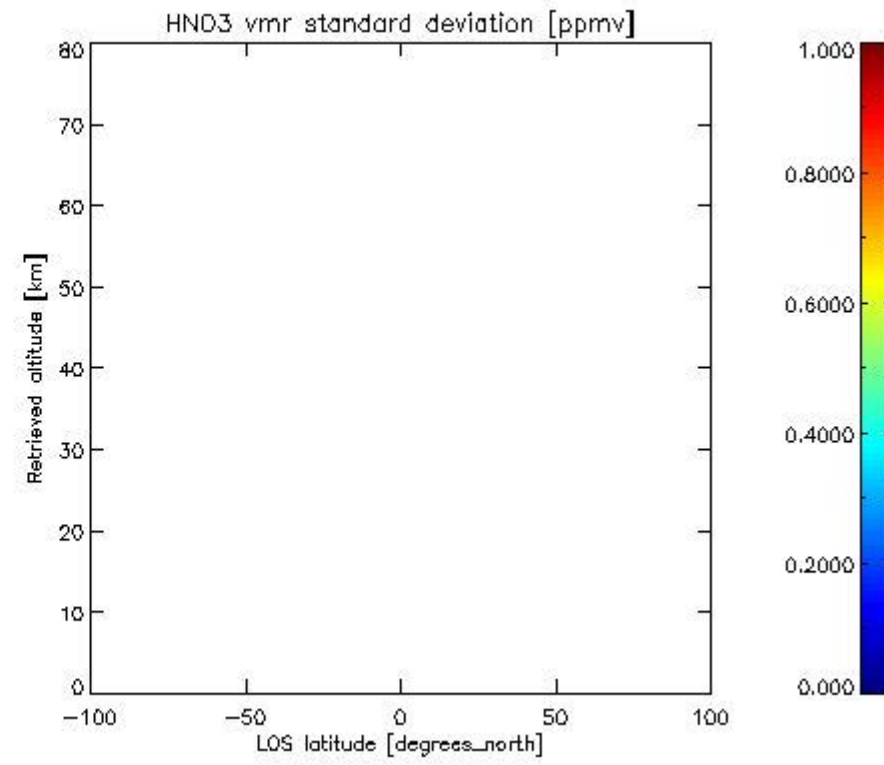
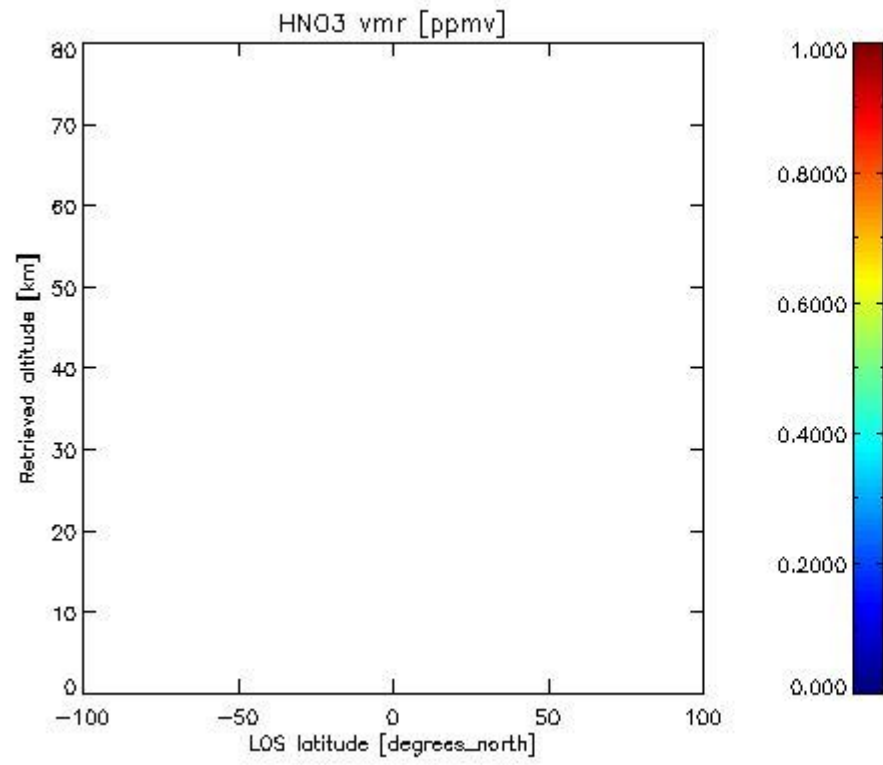
2.2.4.1 H₂O overview This section shows values (left) and error (right) for H₂O after binning individual sweep values over retrieved altitude and tangent latitude.



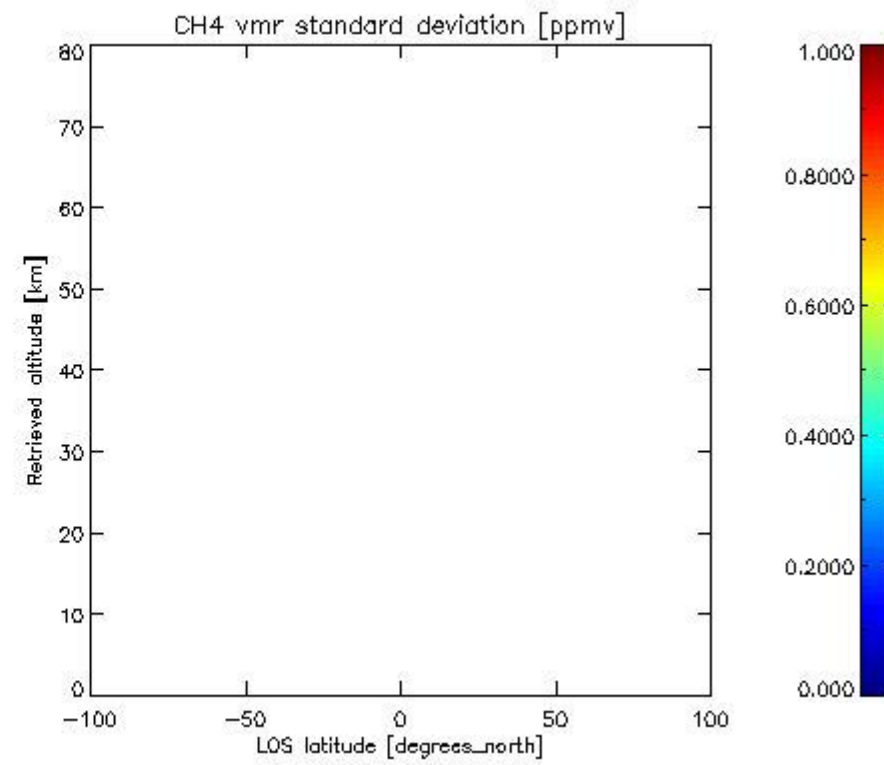
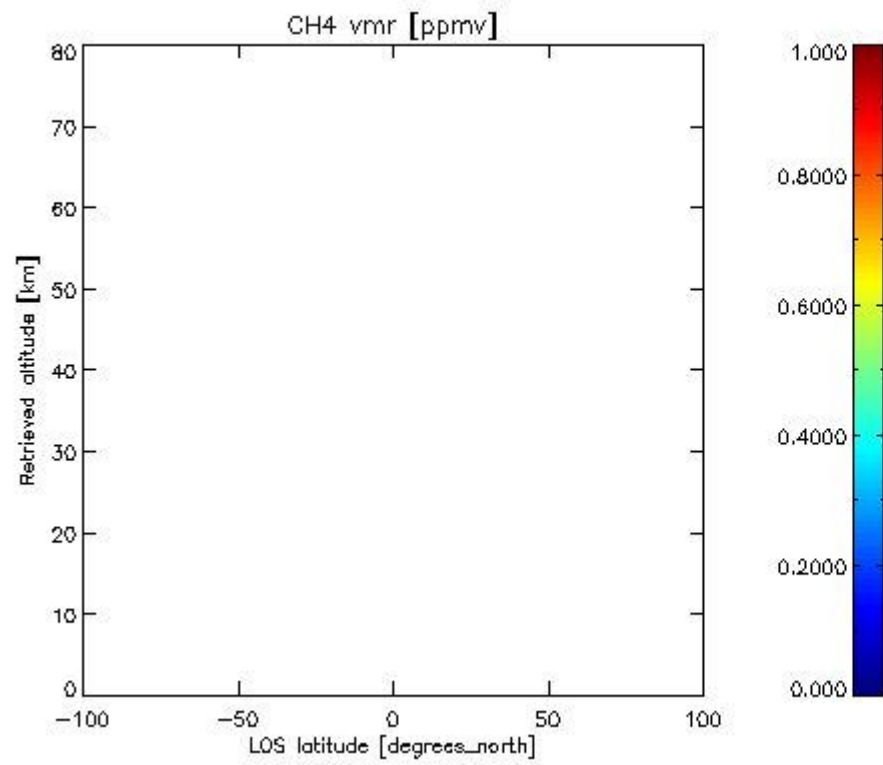
2.2.4.2 O3 overview This section shows values (left) and error (right) for O3 after binning individual sweep values over retrieved altitude and tangent latitude.



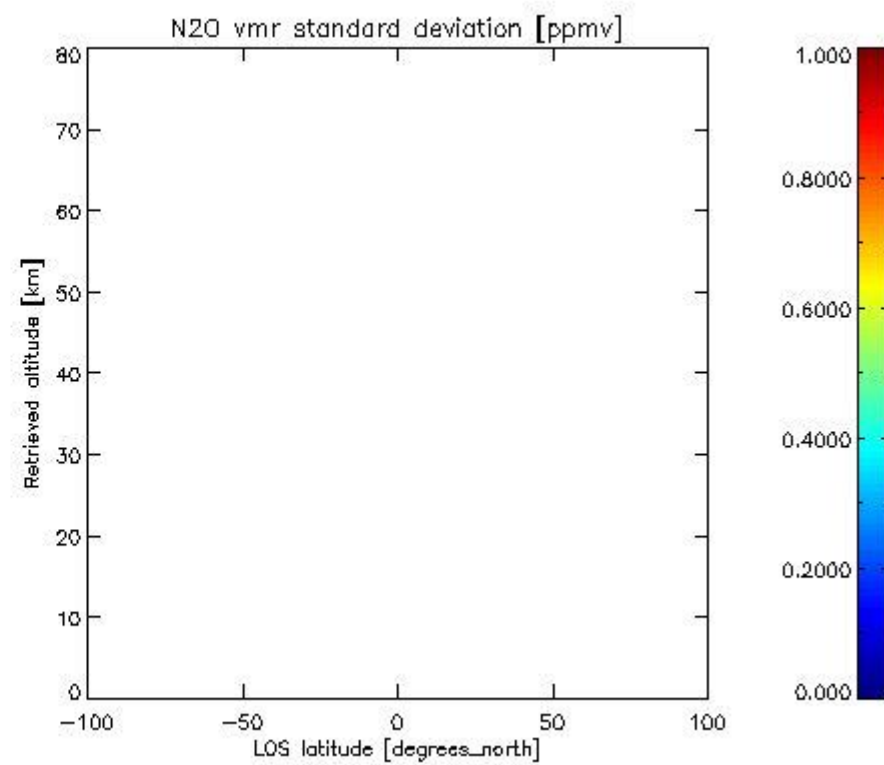
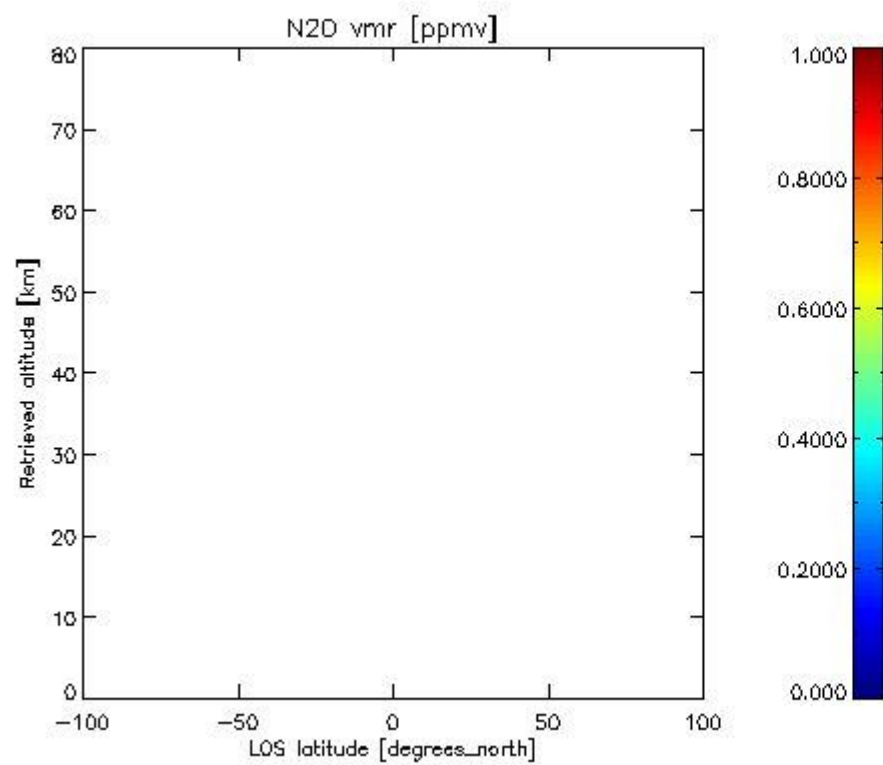
2.2.4.3 HNO3 overview This section shows values (left) and error (right) for HNO3 after binning individual sweep values over retrieved altitude and tangent latitude.



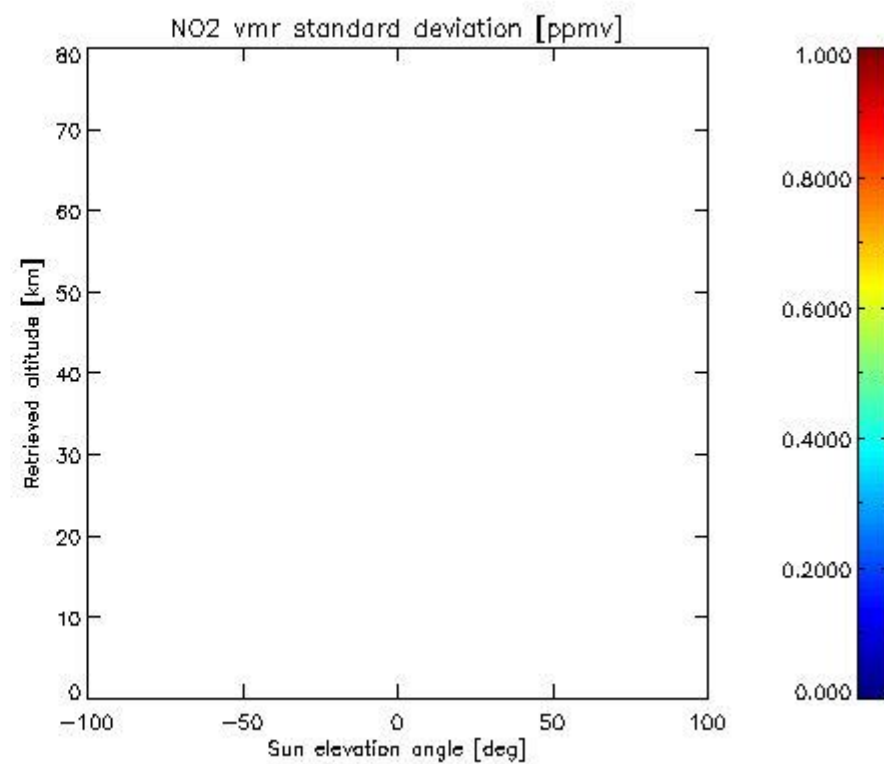
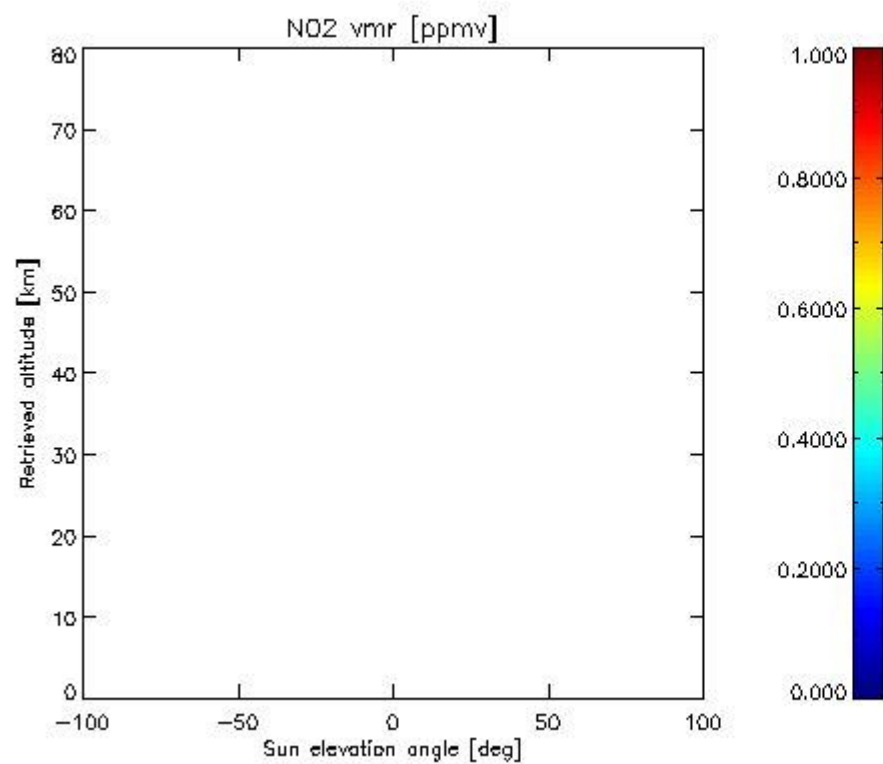
2.2.4.4 CH₄ overview This section shows values (left) and error (right) for CH₄ after binning individual sweep values over retrieved altitude and tangent latitude.



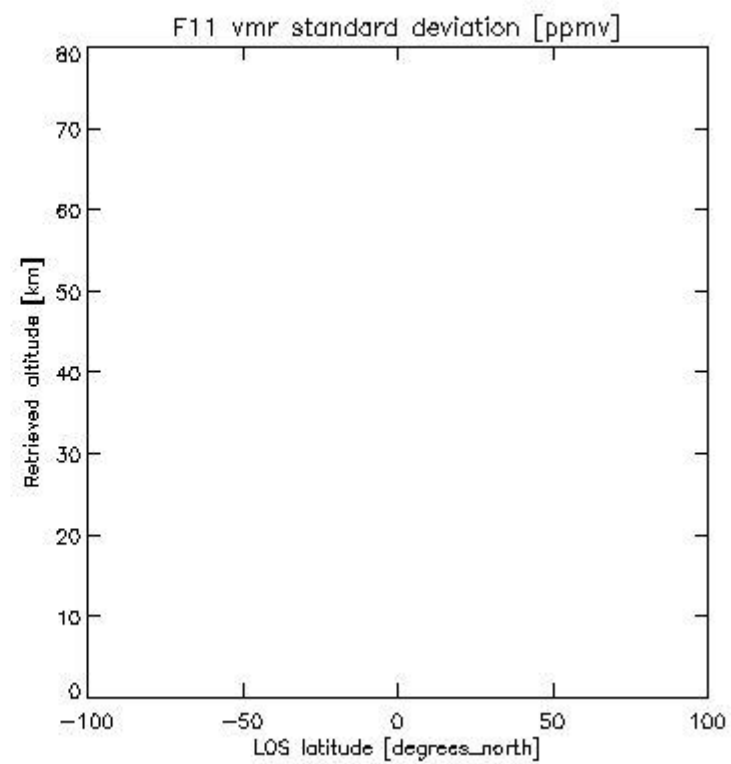
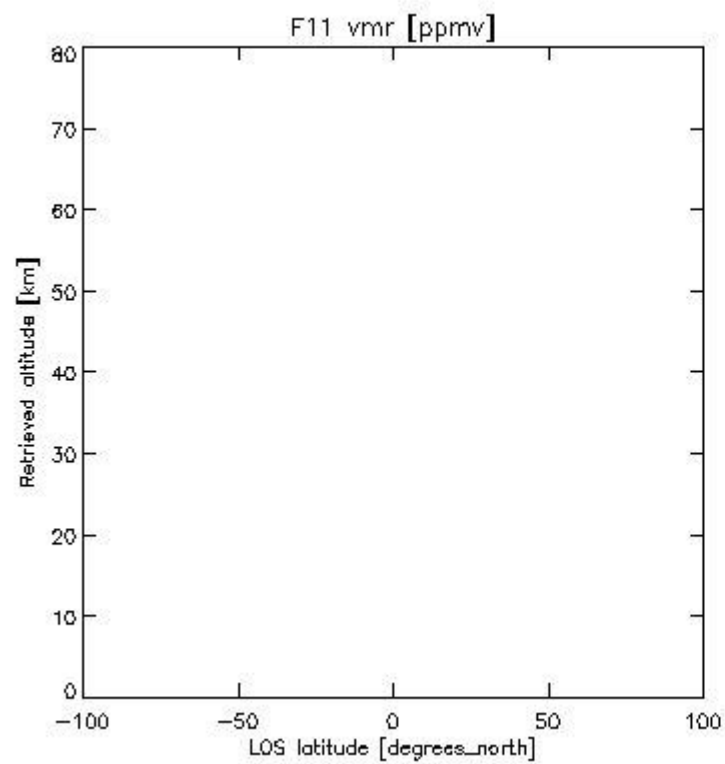
2.2.4.5 N₂O overview This section shows values (left) and error (right) for N₂O after binning individual sweep values over retrieved altitude and tangent latitude.



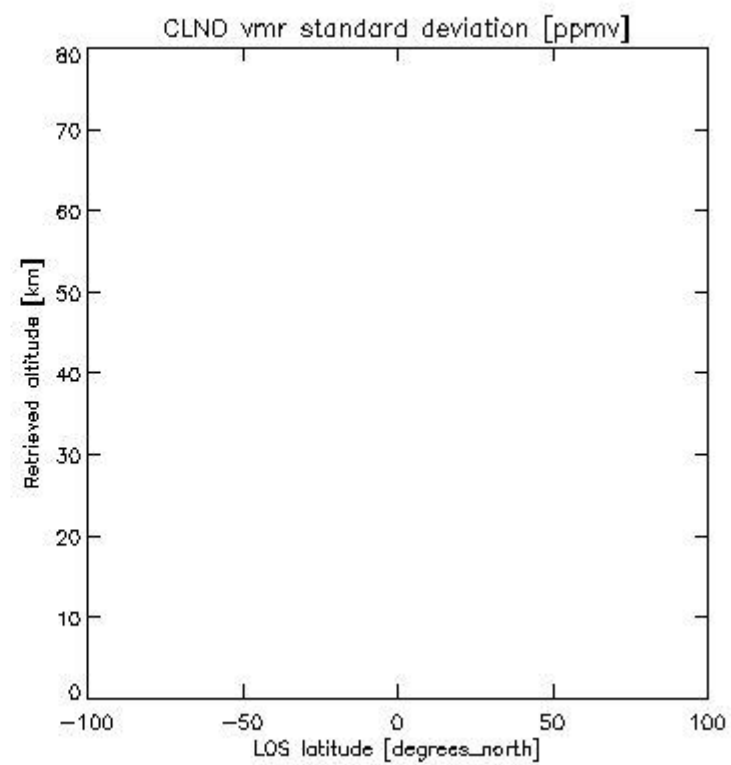
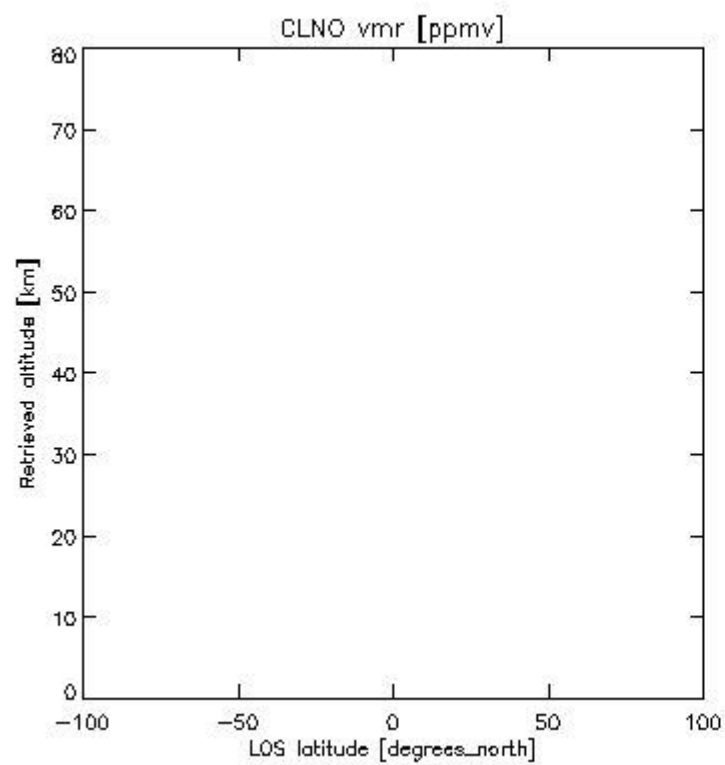
2.2.4.6 NO₂ overview This section shows values (left) and error (right) for NO₂ after binning individual sweep values over retrieved altitude and Sun Elevation Angle. Note that for NO₂ the bin heights are 6 km.

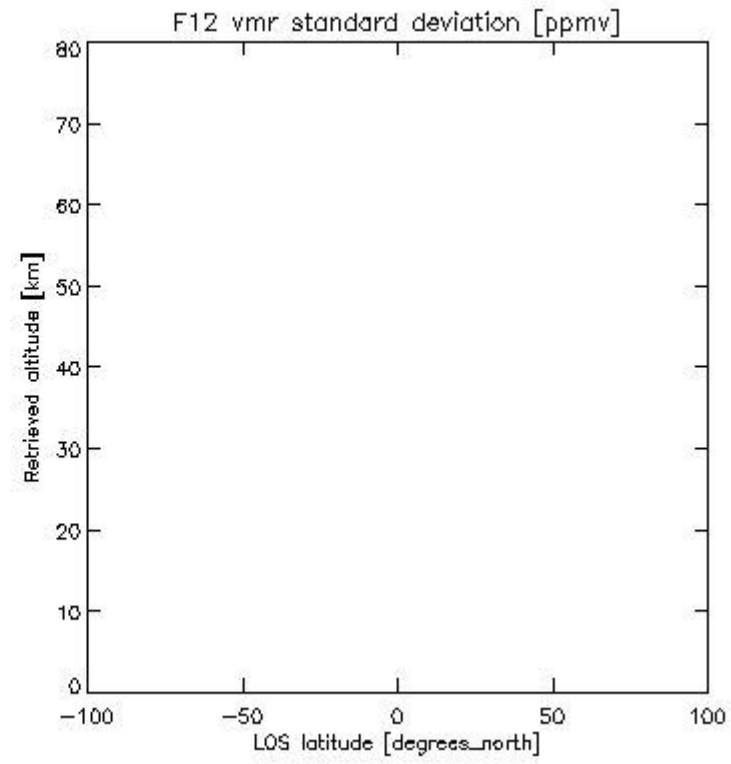
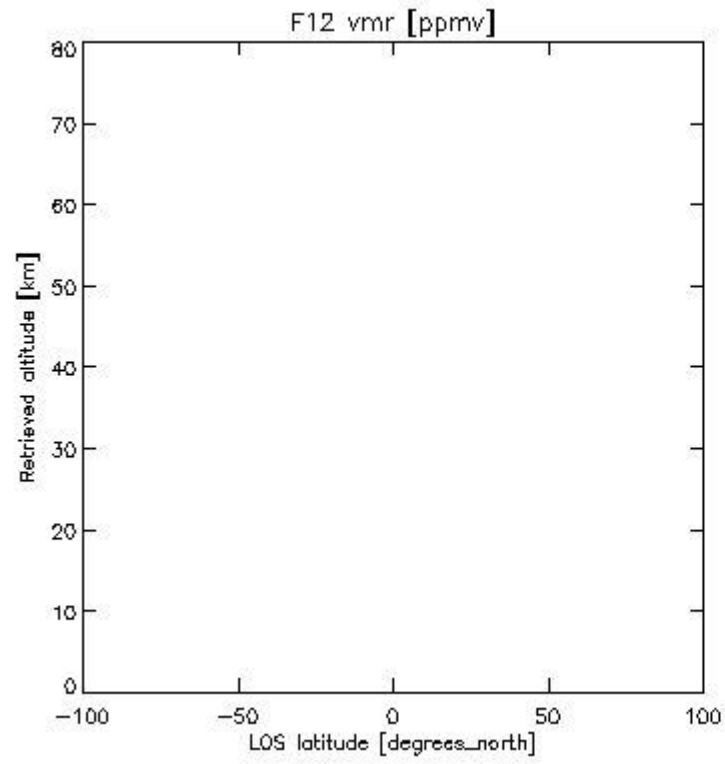
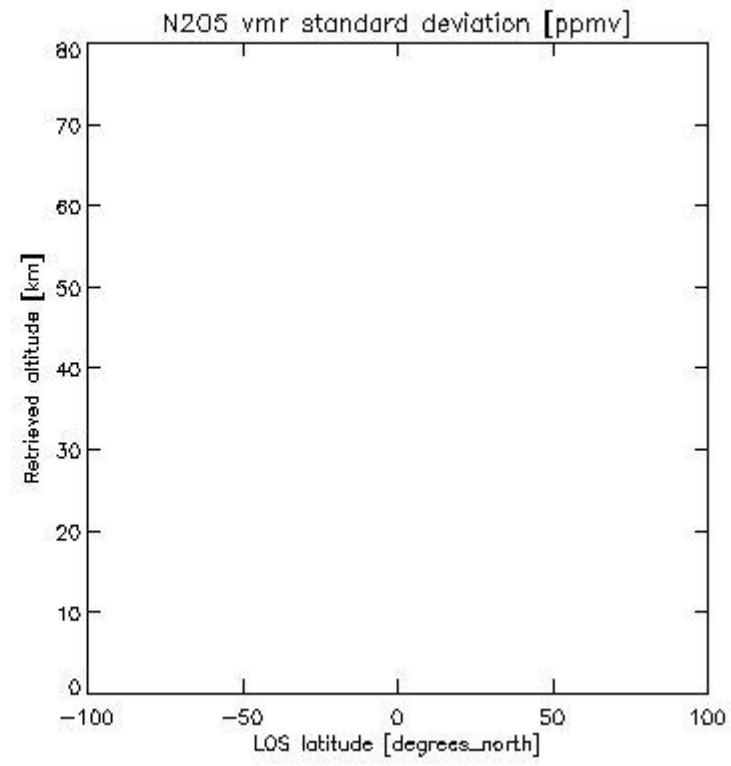
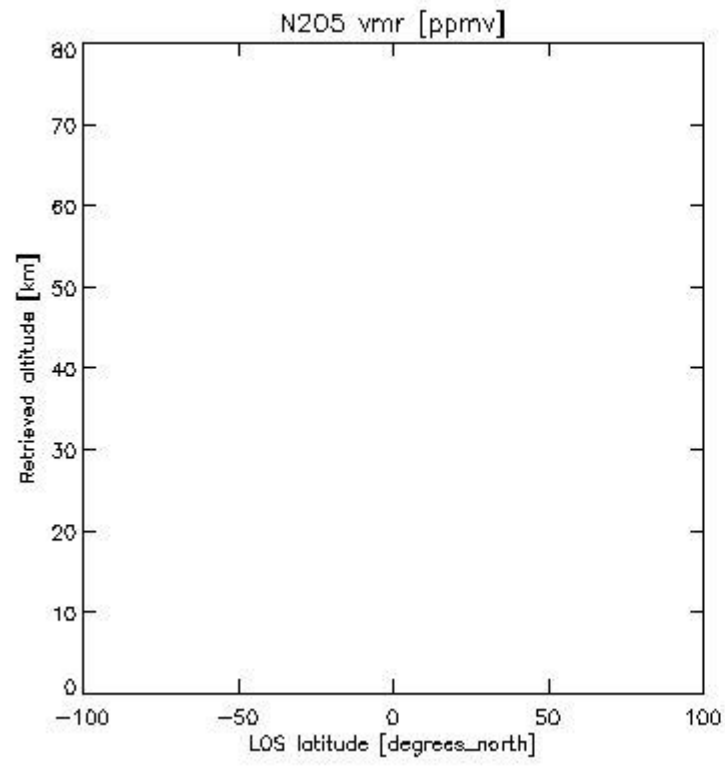


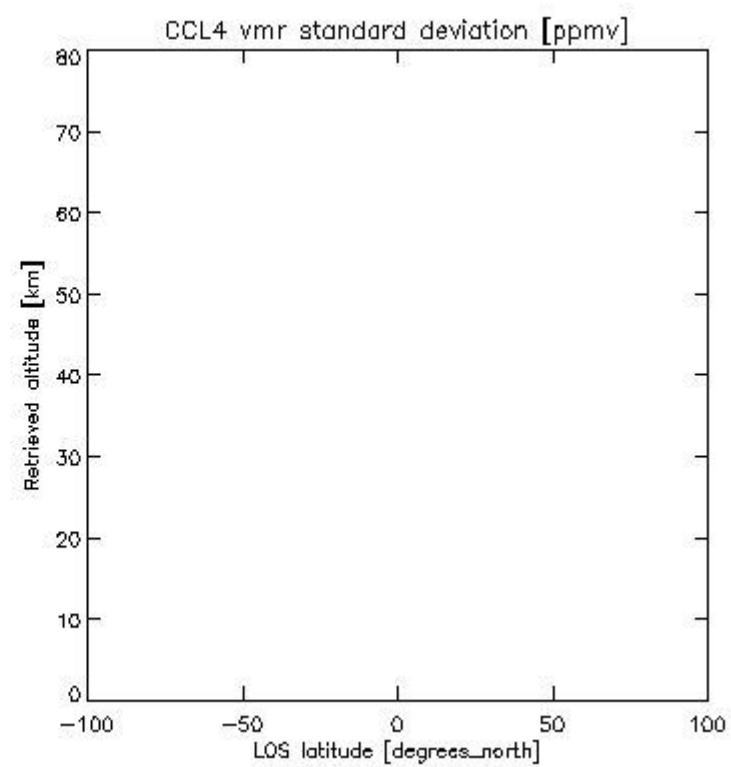
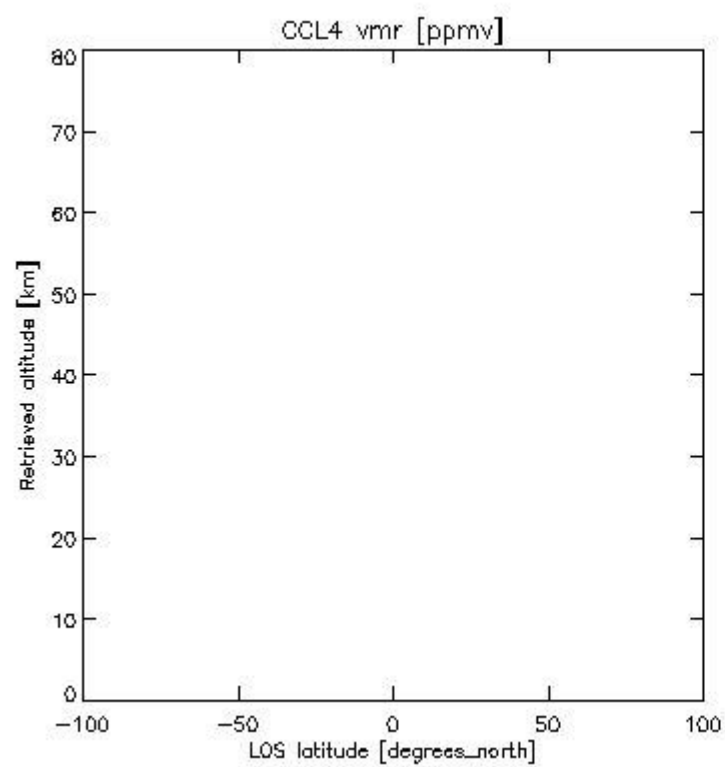
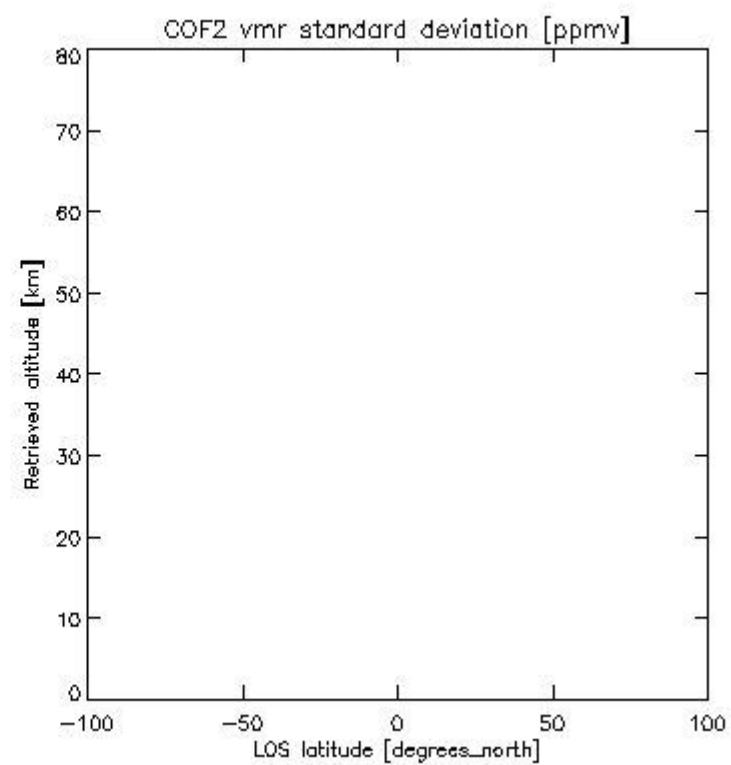
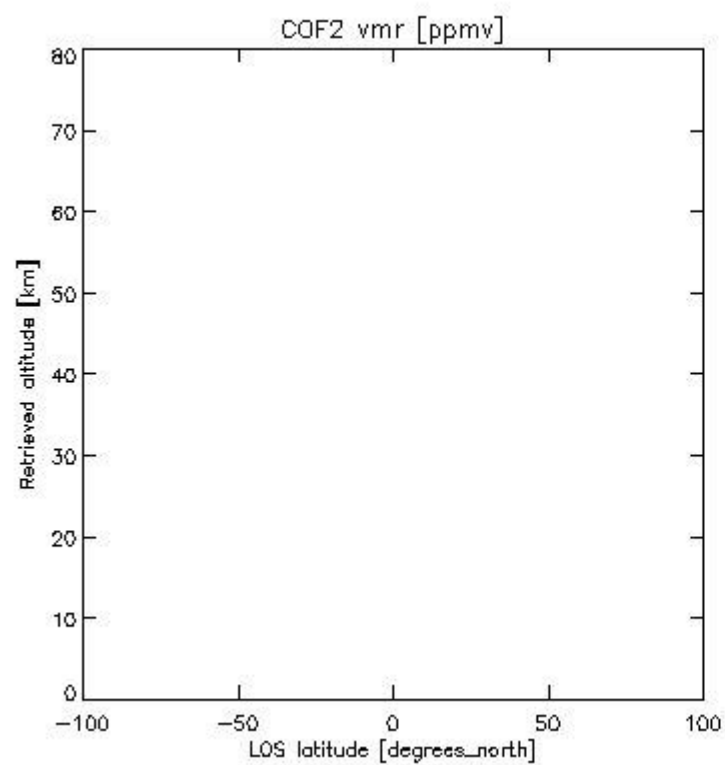
2.2.4.7 F11 overview This section shows values (left) and error (right) for F11 after binning individual sweep values over retrieved altitude and tangent latitude.

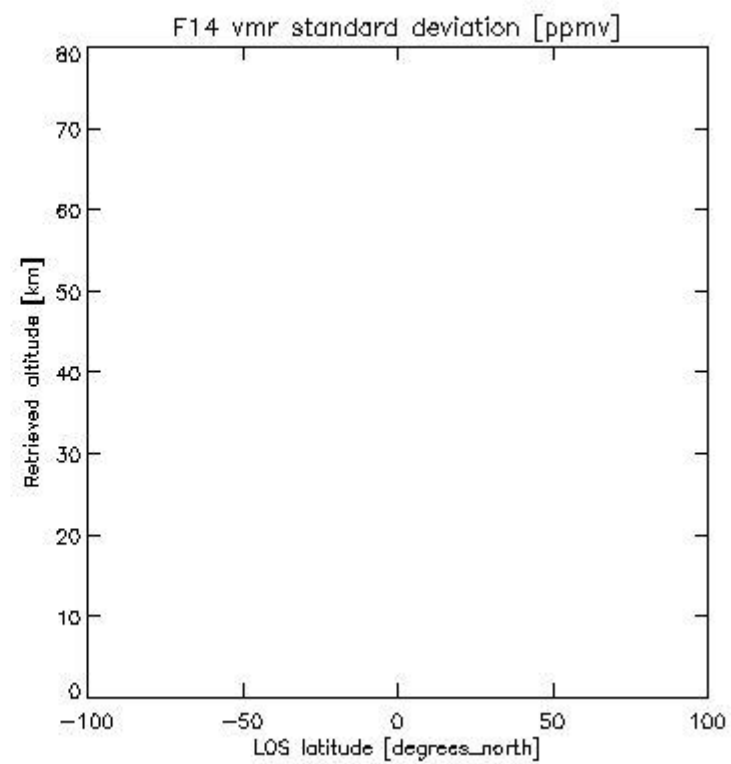
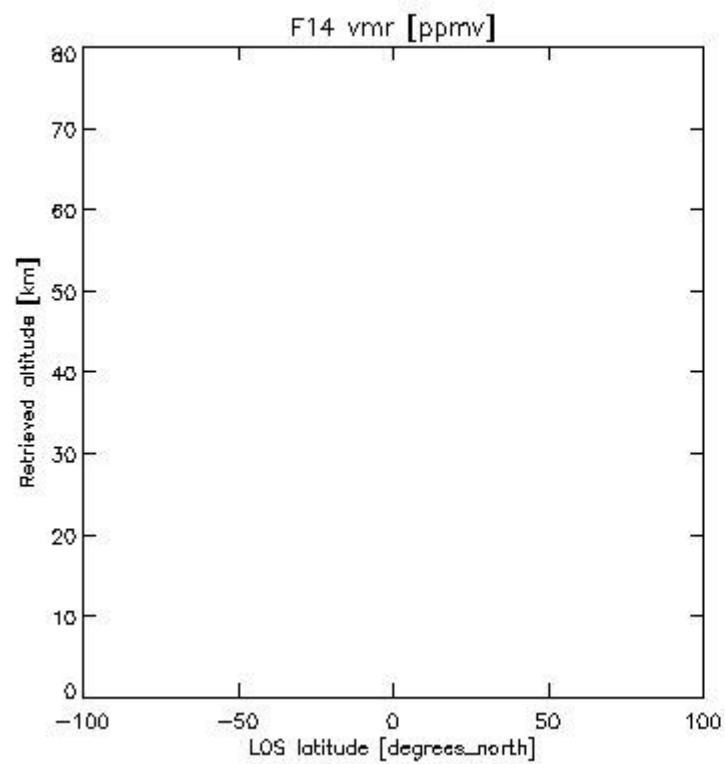
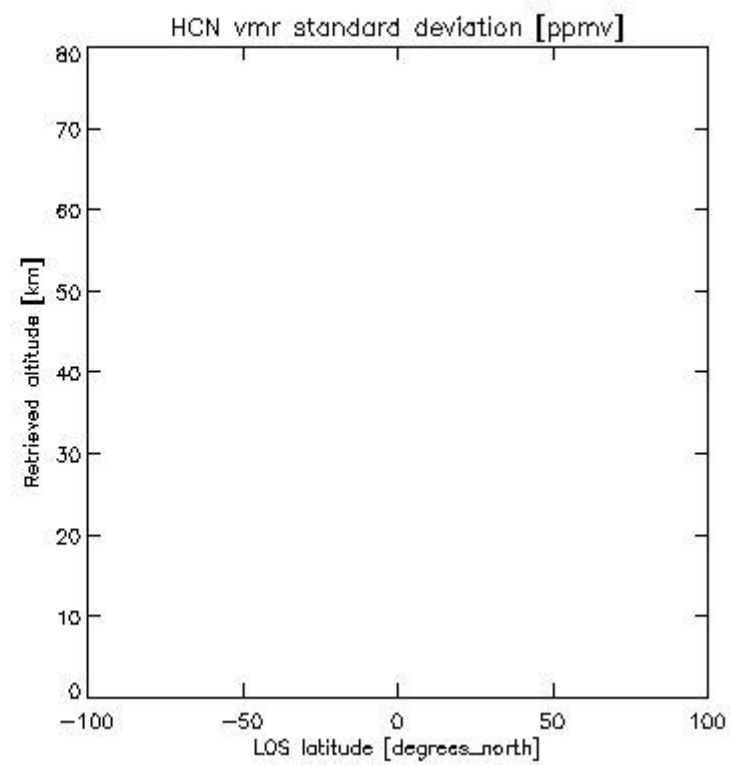
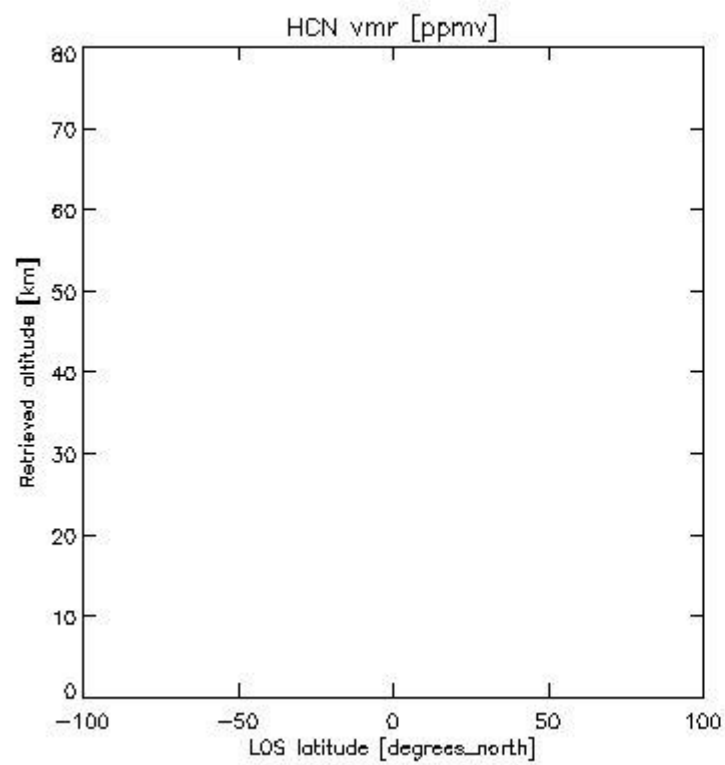


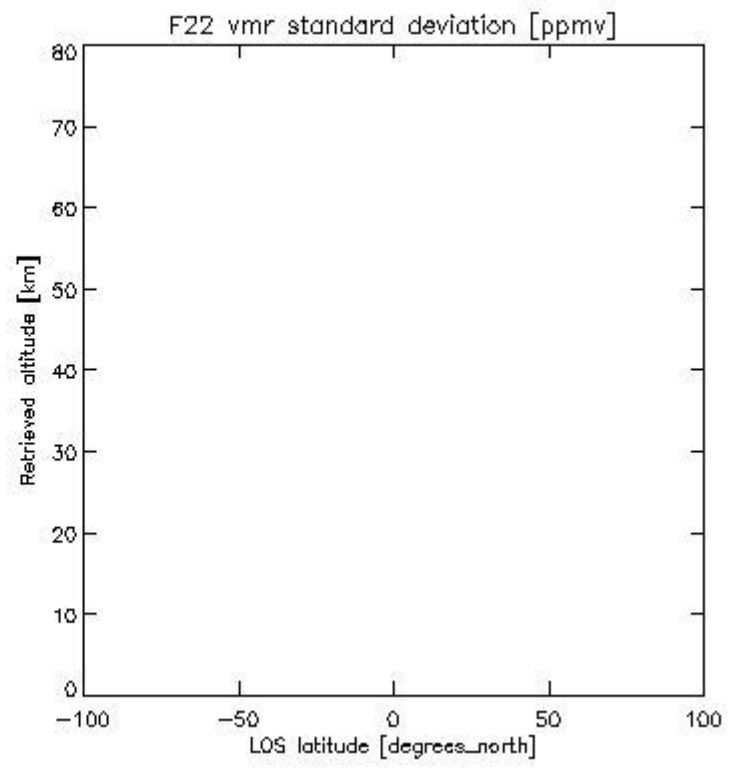
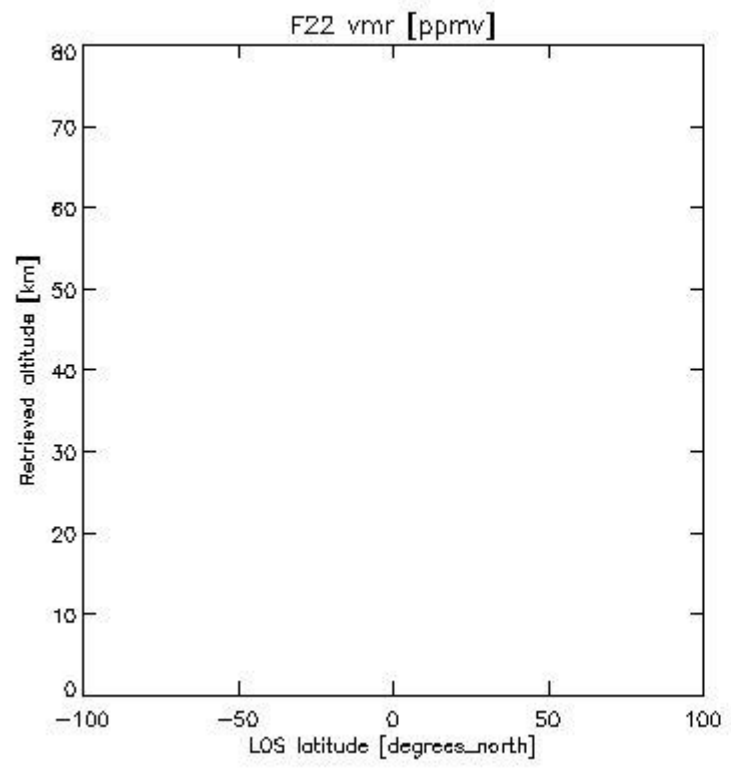
2.3.4 CLNO overview This section shows values (left) and error (right) for CLNO after binning individual sweep values over retrieved altitude and target latitude.











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

