

2. MIPAS Daily Report for level 2 products summary report

(See [mipas_daily_report_level2_ML2PP_7_03_W_20110110.html](#) for a detailed report).

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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	16MAY2016 12:16:54
Data source version	ML2PP/7.03-W
Processing scope for products	10JAN2011 00:00:00 to 11JAN2011 00:00:00
Start time of first product within scope	09JAN2011 23:27:24
Stop time of last product within scope	11JAN2011 00:30:37
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.

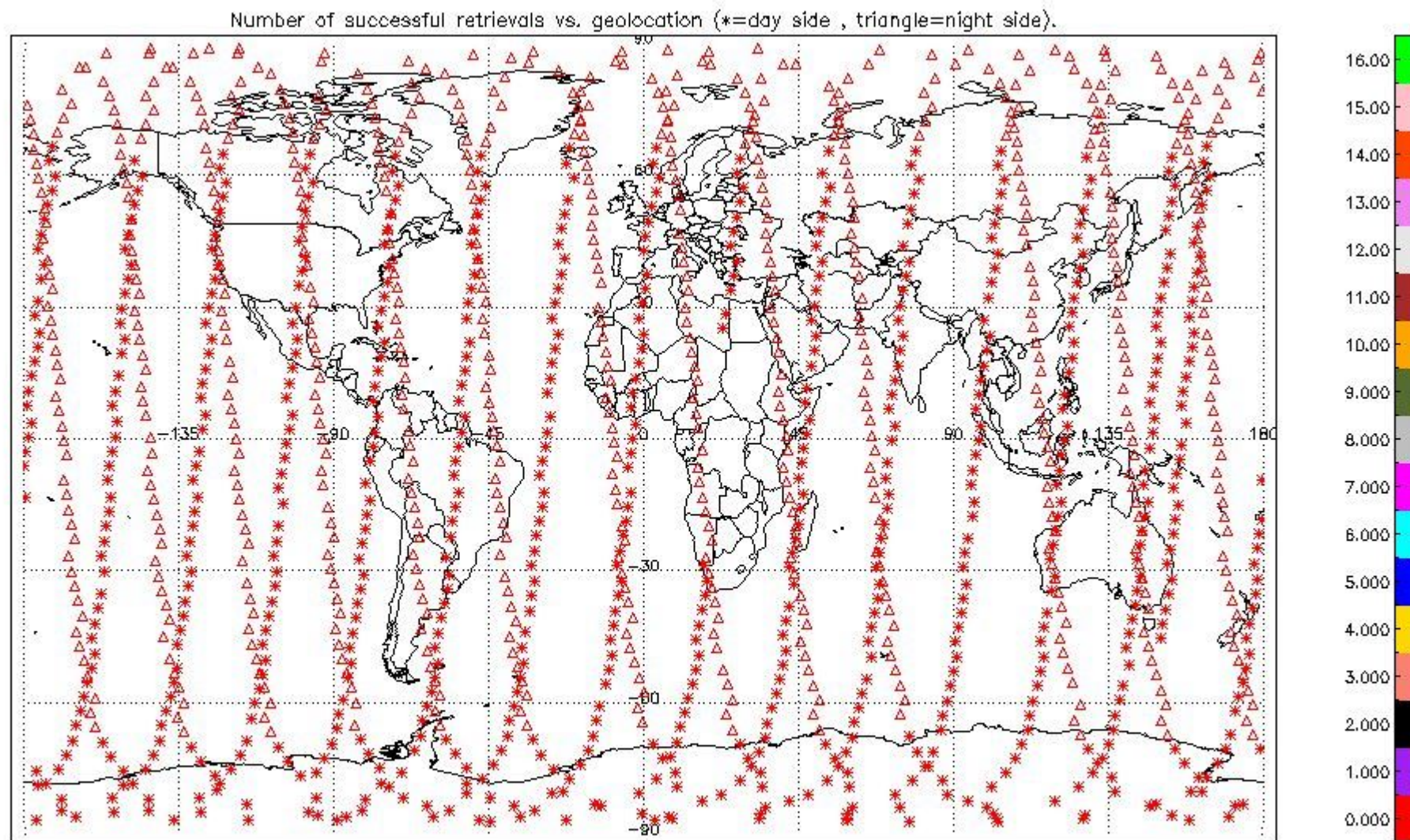
#	Product name	Start time	Stop time	Prod err	Number of scans (tot/proc)	Quality summary warnings
0	MIP_NL__2PWDSI20110109_232724_000059813098_00203_46338_1000.N1	09JAN2011 23:27:24	10JAN2011 01:07:05	0	102/102	
1	MIP_NL__2PWDSI20110110_010711_000060083098_00204_46339_1000.N1	10JAN2011 01:07:11	10JAN2011 02:47:20	0	103/103	
2	MIP_NL__2PWDSI20110110_024726_000060083098_00205_46340_1000.N1	10JAN2011 02:47:26	10JAN2011 04:27:34	0	103/103	
3	MIP_NL__2PWDSI20110110_042740_000059813098_00206_46341_1000.N1	10JAN2011 04:27:40	10JAN2011 06:07:21	0	102/102	
4	MIP_NL__2PWDSI20110110_060727_000060083098_00207_46342_1000.N1	10JAN2011 06:07:27	10JAN2011 07:47:35	0	103/103	
5	MIP_NL__2PWDSI20110110_074742_000060263098_00208_46343_1000.N1	10JAN2011 07:47:42	10JAN2011 09:28:08	0	89/89	
6	MIP_NL__2PWDSI20110110_092814_000060083098_00209_46344_1000.N1	10JAN2011 09:28:14	10JAN2011 11:08:22	0	103/103	
7	MIP_NL__2PWDSI20110110_110857_000060083098_00210_46345_1000.N1	10JAN2011 11:08:57	10JAN2011 12:49:06	0	103/103	
8	MIP_NL__2PWDSI20110110_124912_000060083098_00211_46346_1000.N1	10JAN2011 12:49:12	10JAN2011 14:29:20	0	103/103	
9	MIP_NL__2PWDSI20110110_142926_000046823098_00212_46347_1000.N1	10JAN2011 14:29:26	10JAN2011 15:47:28	0	80/80	
10	MIP_NL__2PWDSI20110110_164351_000039463098_00213_46348_1000.N1	10JAN2011 16:43:51	10JAN2011 17:49:37	0	68/68	
11	MIP_NL__2PWDSI20110110_174944_000059813098_00214_46349_1000.N1	10JAN2011 17:49:44	10JAN2011 19:29:25	0	102/102	
12	MIP_NL__2PWDSI20110110_192931_000060083098_00215_46350_1000.N1	10JAN2011 19:29:31	10JAN2011 21:09:39	0	103/103	
13	MIP_NL__2PWDSI20110110_210945_000060083098_00216_46351_1000.N1	10JAN2011 21:09:45	10JAN2011 22:49:53	0	103/103	
14	MIP_NL__2PWDSI20110110_224959_000060373098_00217_46352_1000.N1	10JAN2011 22:49:59	11JAN2011 00:30:37	0	100/100	

2.2 Processing performance indicators

2.2.1 Successful retrievals

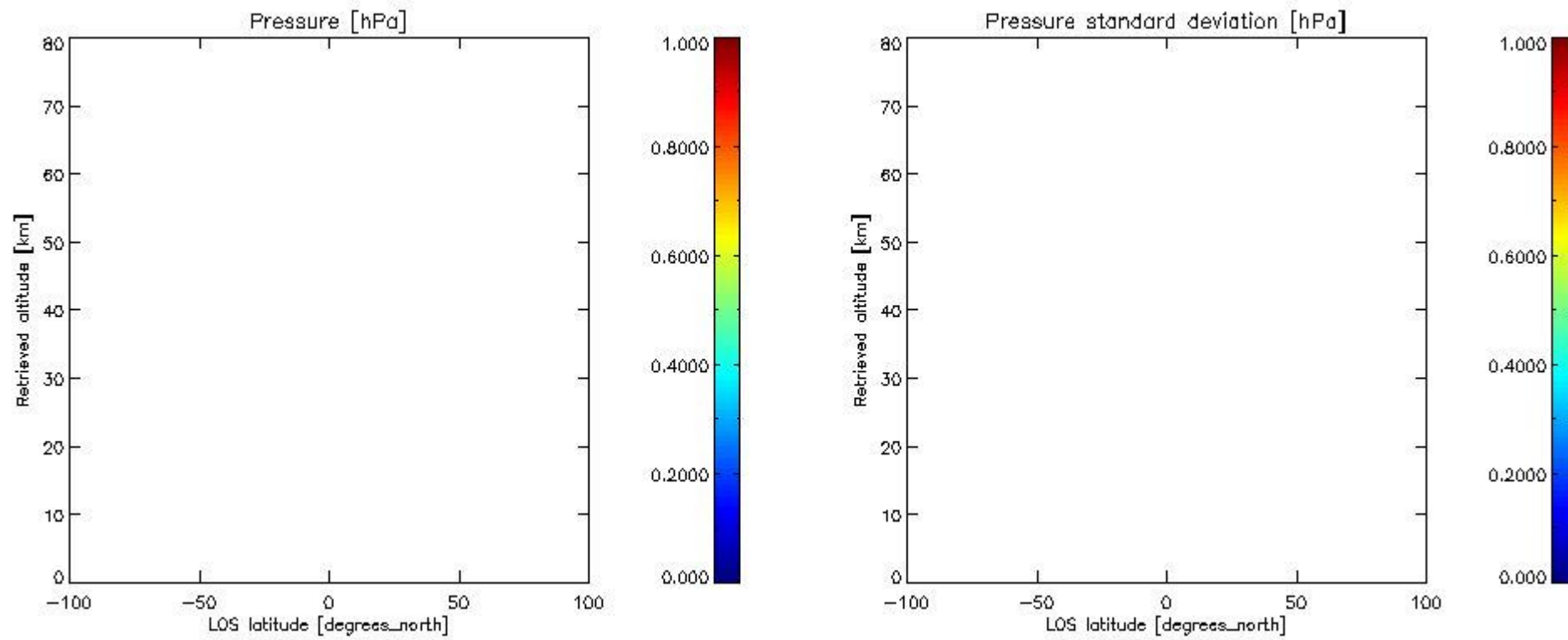
This section includes a table with statistics on the number of retrievals, as well as a worldmap plot that shows successful retrievals.

RETRIEVAL MDS	# scans processed	# Successful retrievals	%
PT	1467	0	0.0000
H2O	1467	0	0.0000
O3	1467	0	0.0000
HNO3	1467	0	0.0000
CH4	1467	0	0.0000
N2O	1467	0	0.0000
NO2	1467	0	0.0000
F11	1467	0	0.0000
CLNO	1467	0	0.0000
N2O5	1467	0	0.0000
F12	1467	0	0.0000
COF2	1467	0	0.0000
CCL4	1467	0	0.0000
HCN	1467	0	0.0000
F14	1467	0	0.0000
F22	1467	0	0.0000



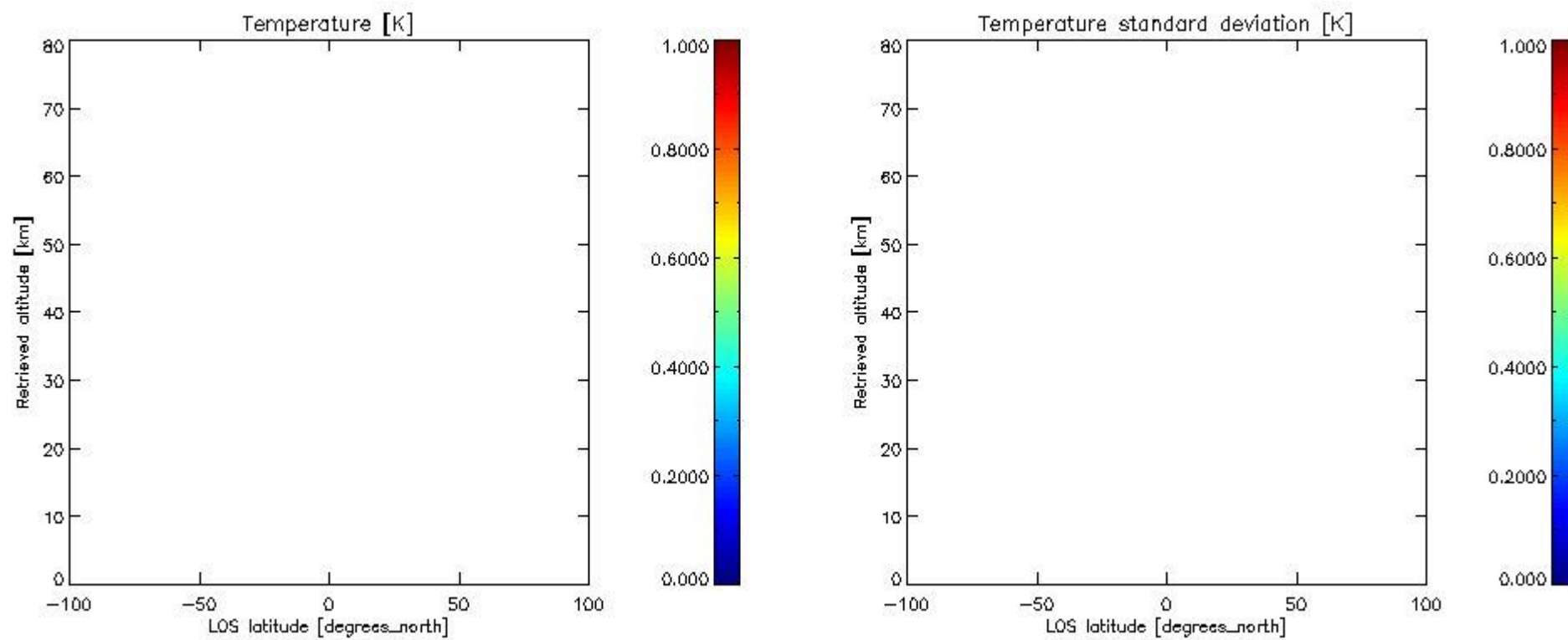
2.2.2 Pressure overview

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



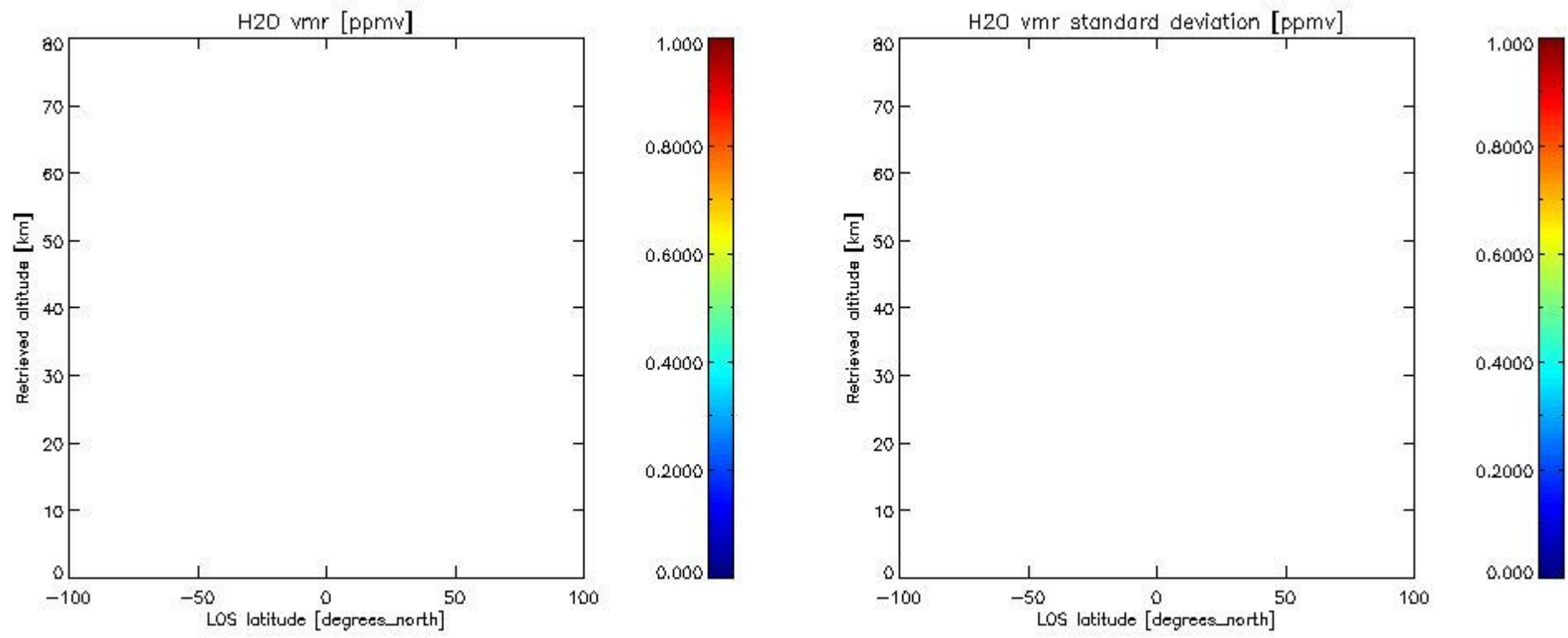
2.2.3 Temperature overview

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

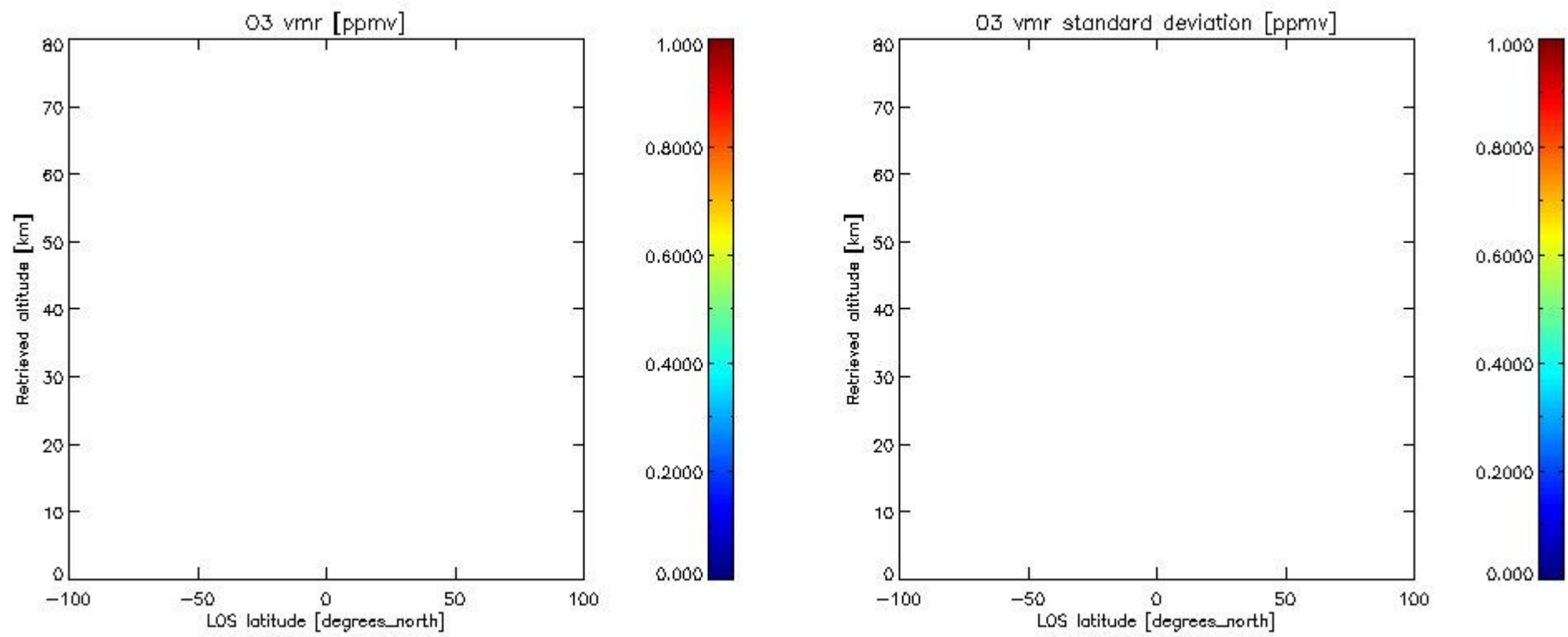


2.2.4 Species overview

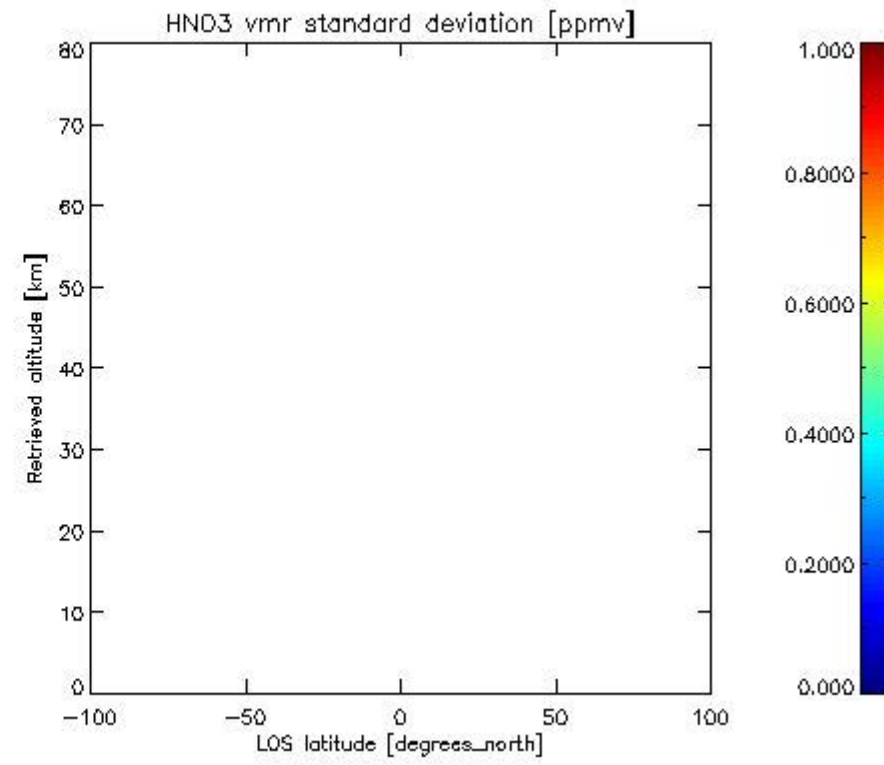
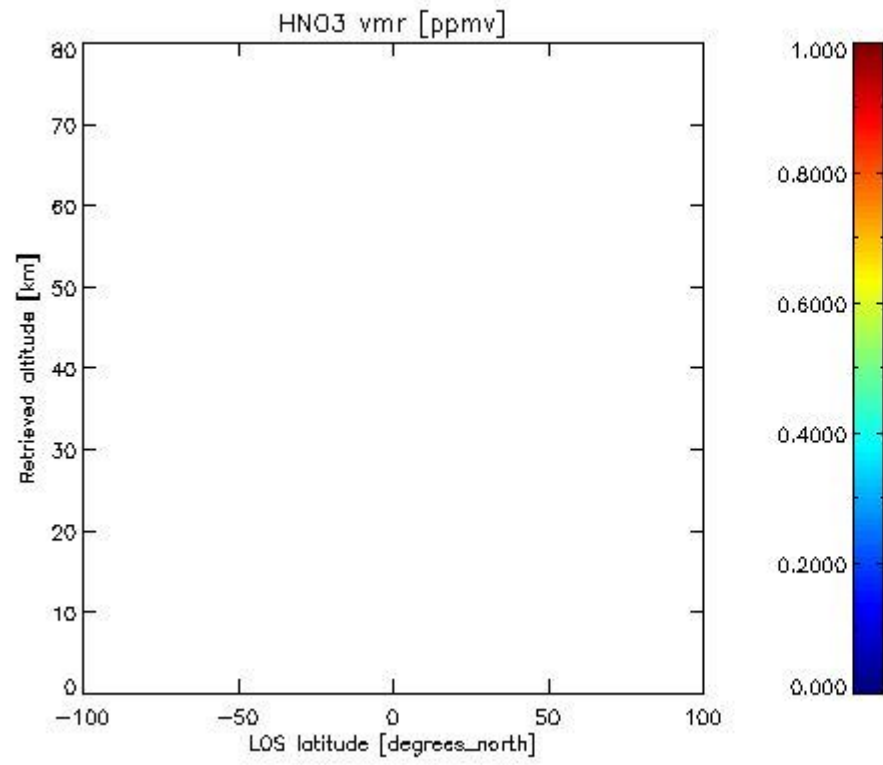
2.2.4.1 H2O overview This section shows values (left) and error (right) for H2O after binning individual sweep values over retrieved altitude and tangent latitude.



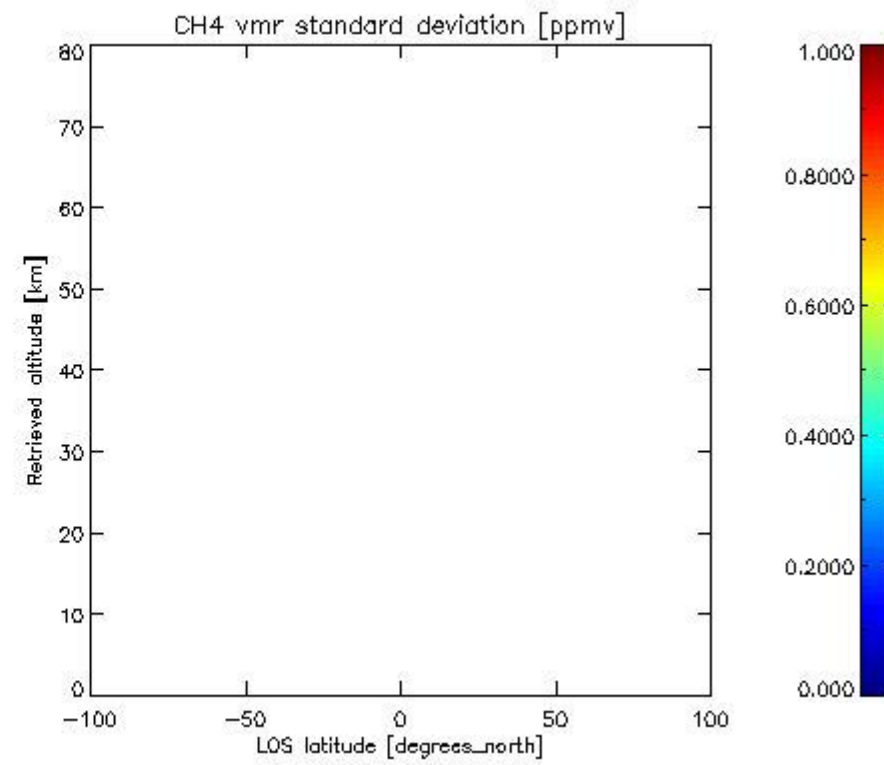
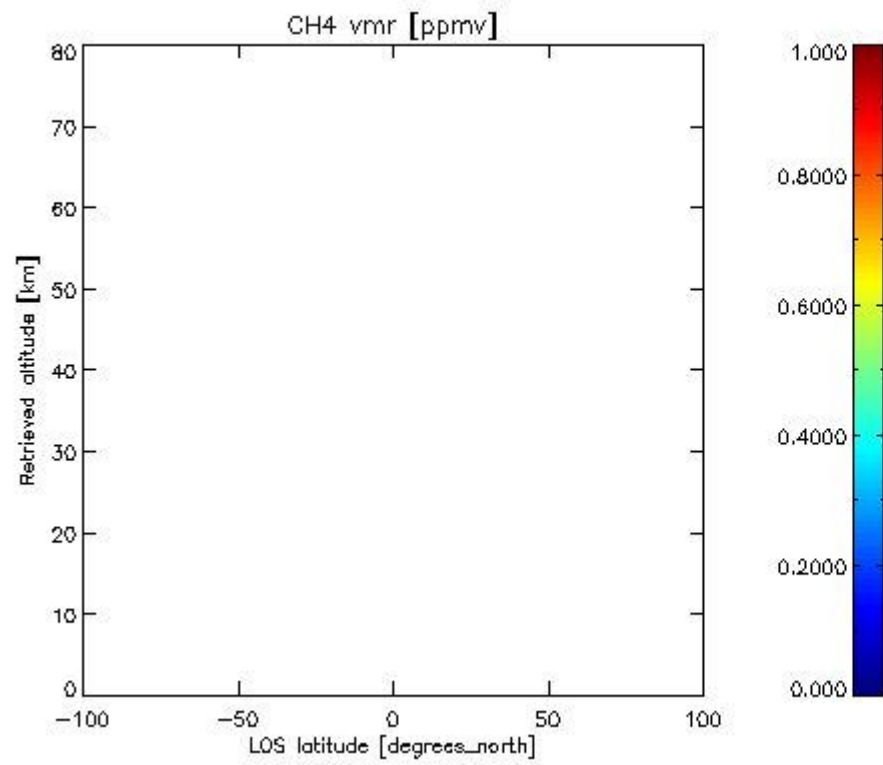
2.2.4.2 O3 overview This section shows values (left) and error (right) for O3 after binning individual sweep values over retrieved altitude and tangent latitude.



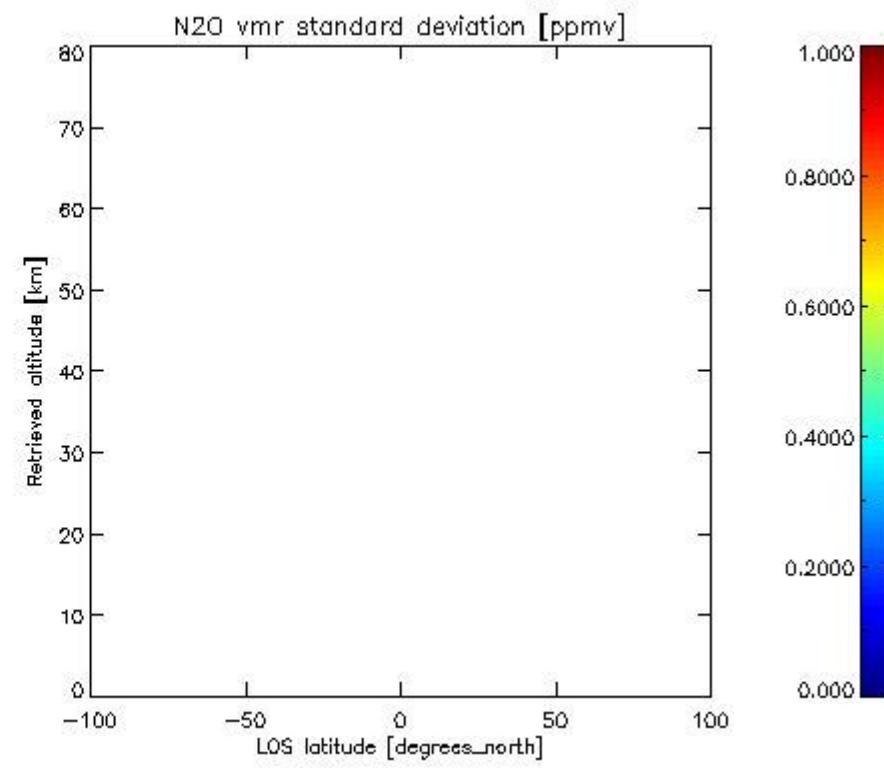
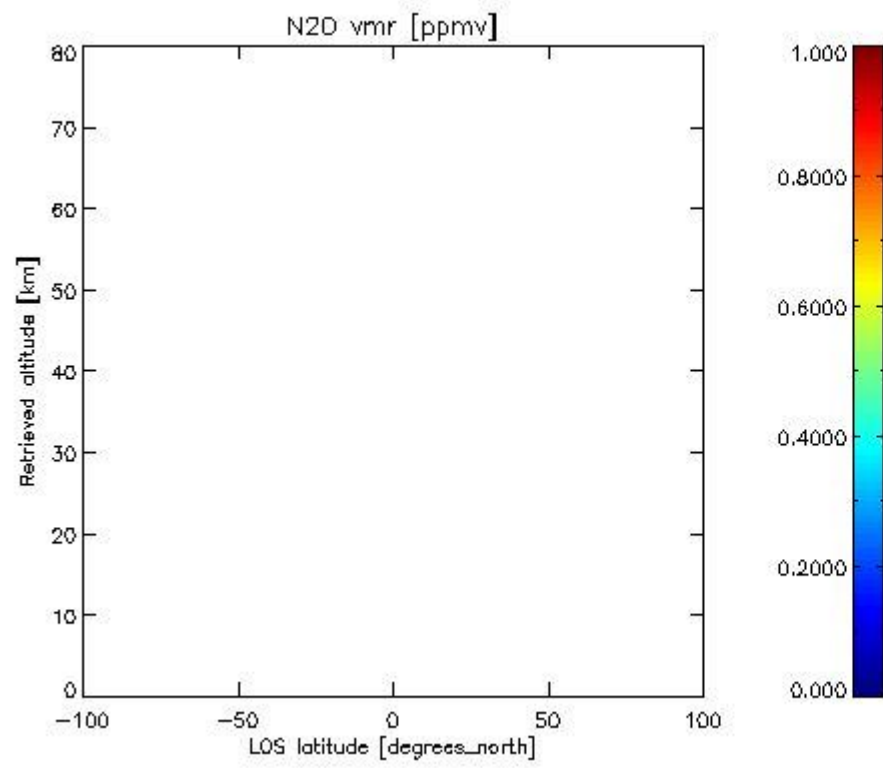
2.2.4.3 HNO3 overview This section shows values (left) and error (right) for HNO3 after binning individual sweep values over retrieved altitude and tangent latitude.



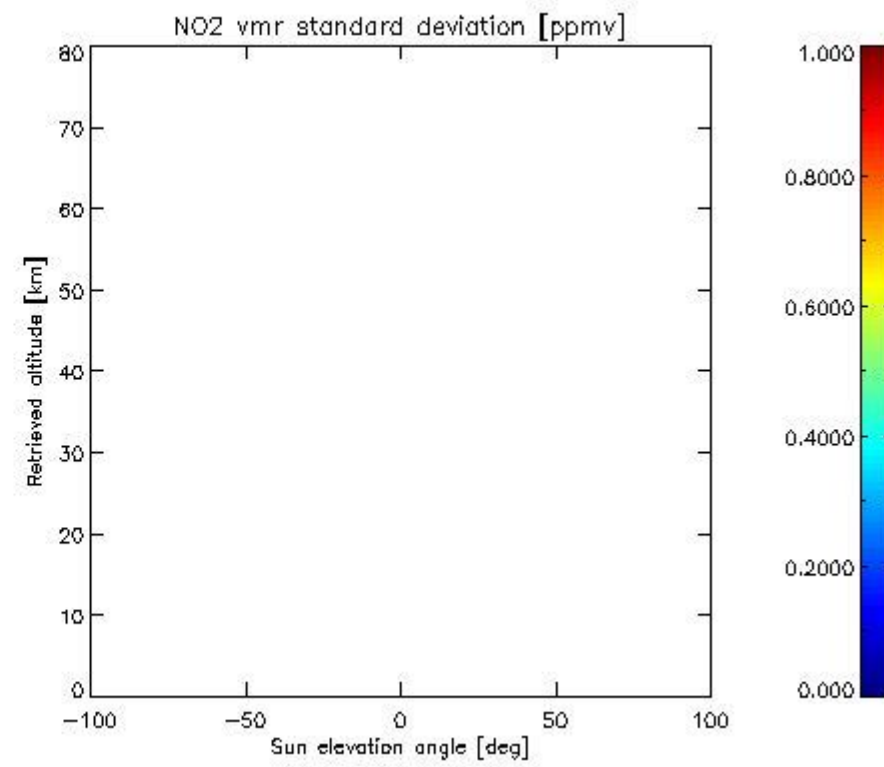
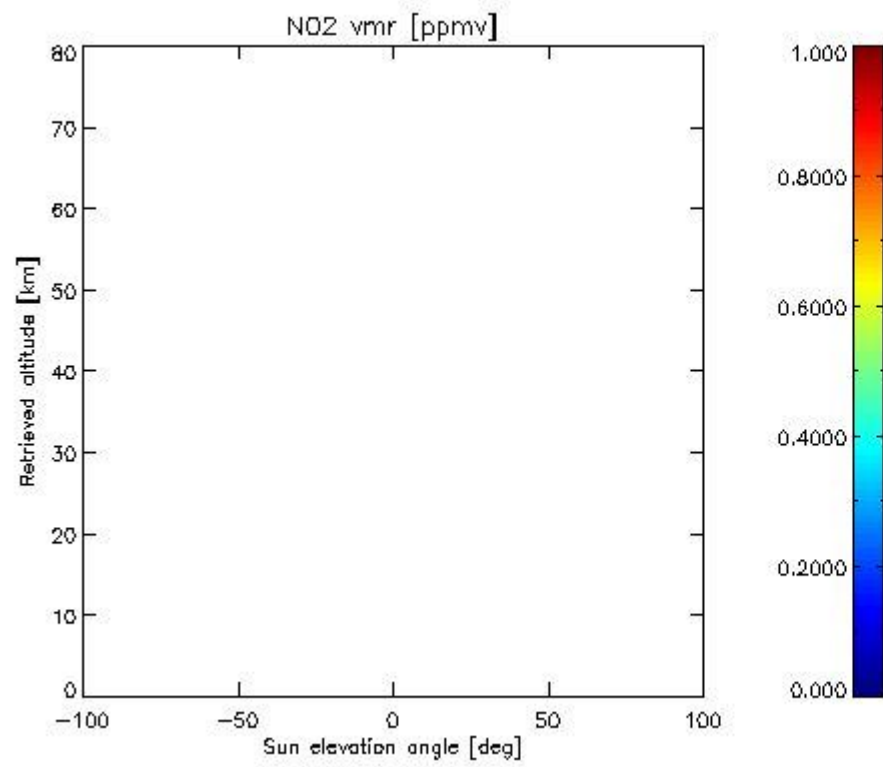
2.2.4.4 CH4 overview This section shows values (left) and error (right) for CH4 after binning individual sweep values over retrieved altitude and tangent latitude.



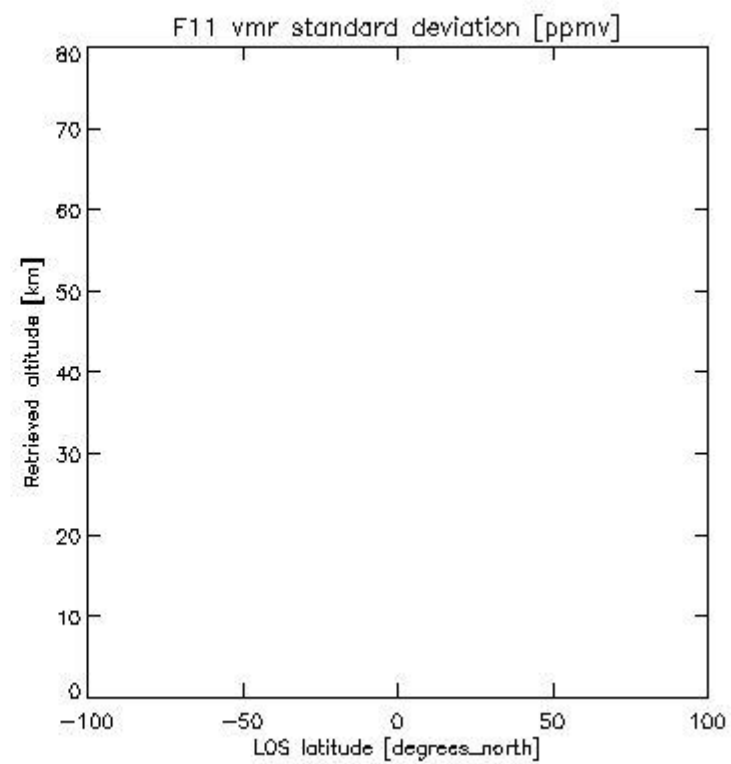
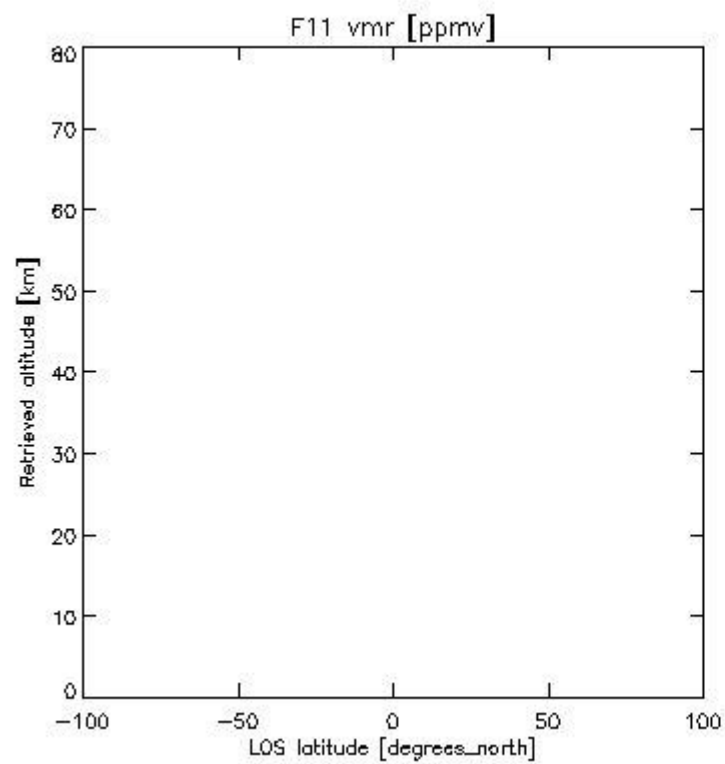
2.2.4.5 N2O overview This section shows values (left) and error (right) for N2O after binning individual sweep values over retrieved altitude and tangent latitude.



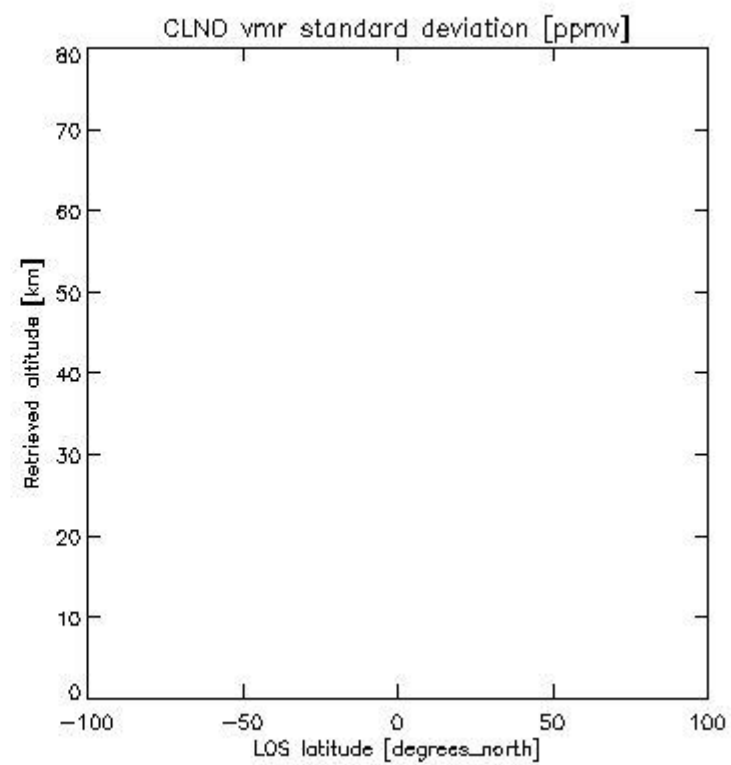
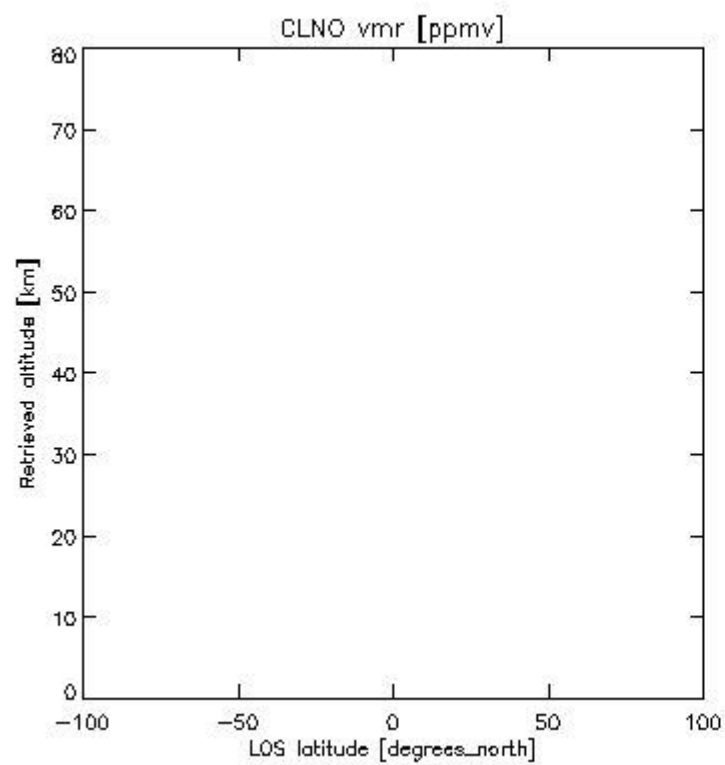
2.2.4.6 NO₂ overview This section shows values (left) and error (right) for NO₂ after binning individual sweep values over retrieved altitude and Sun Elevation Angle. Note that for NO₂ the bin heights are 6 km.

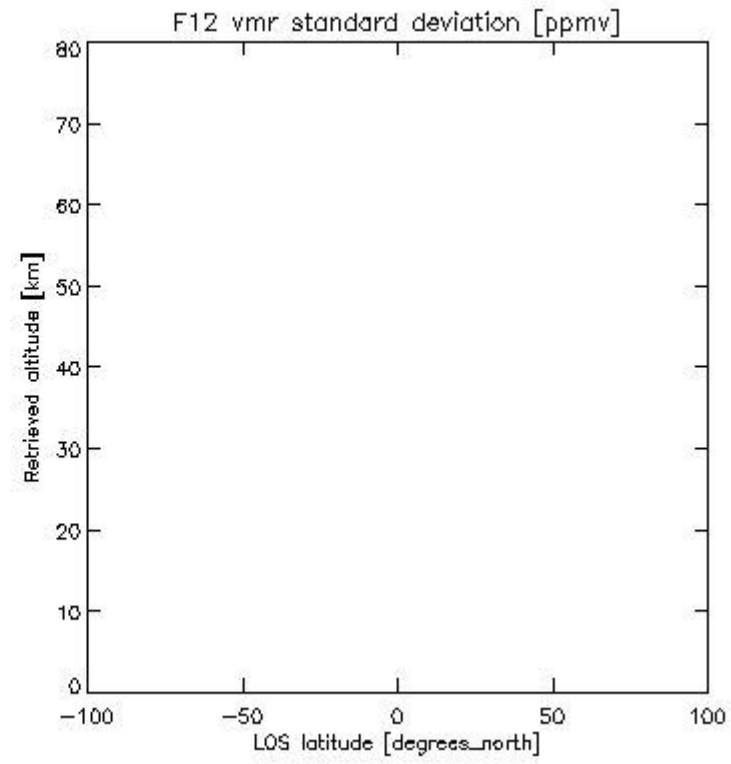
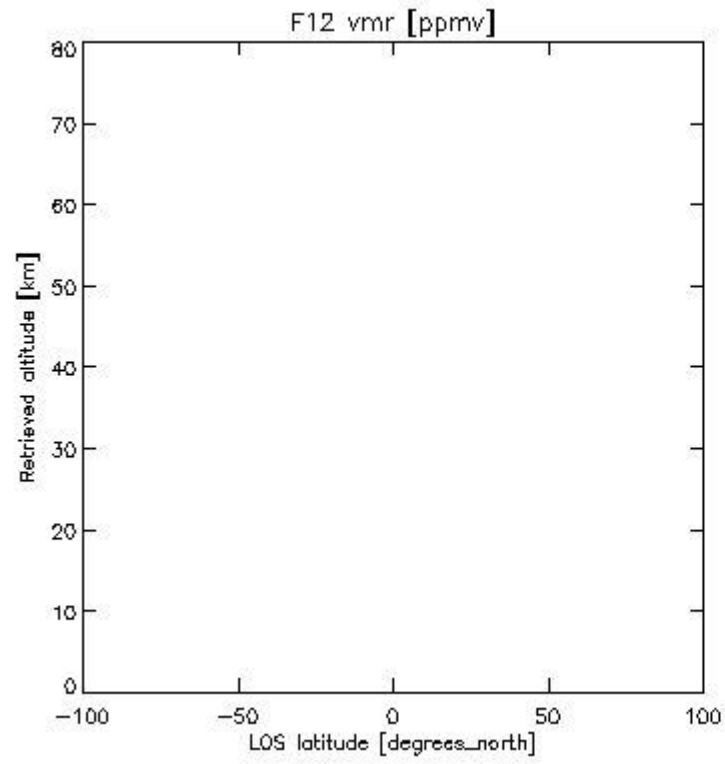
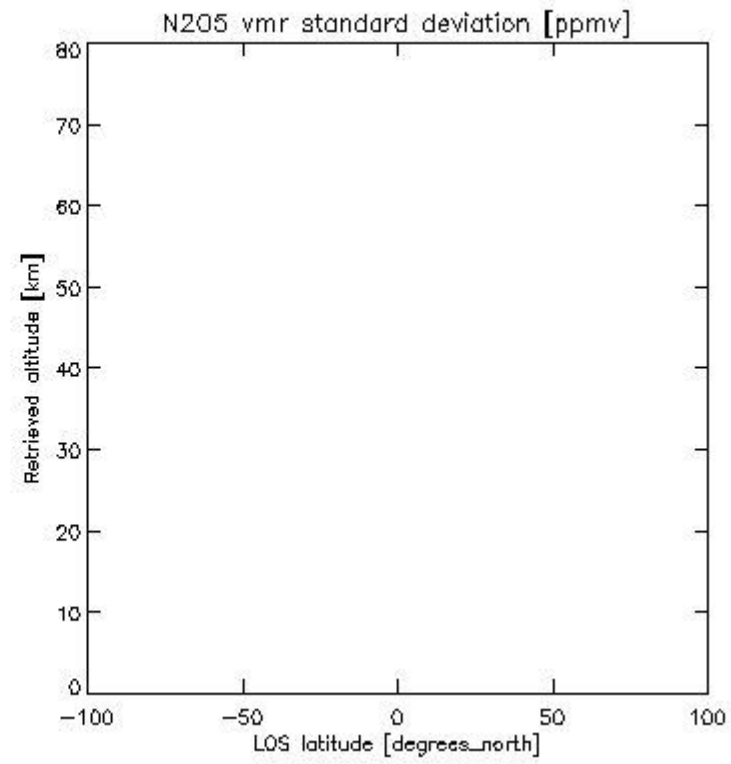
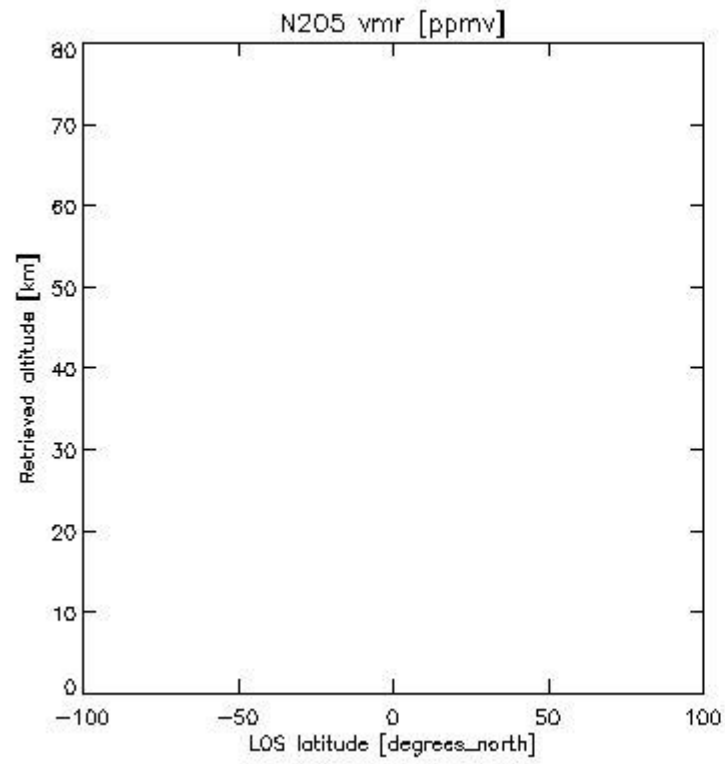


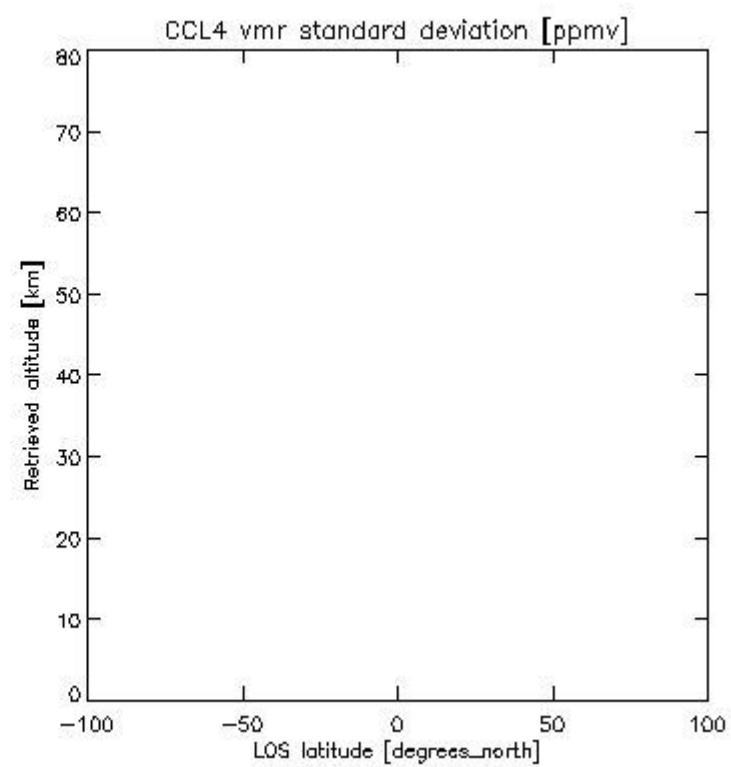
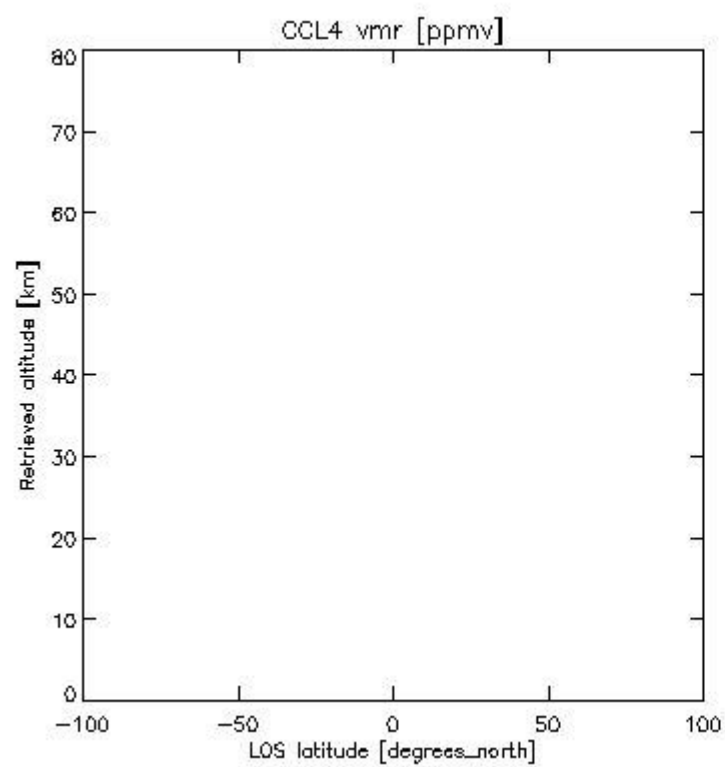
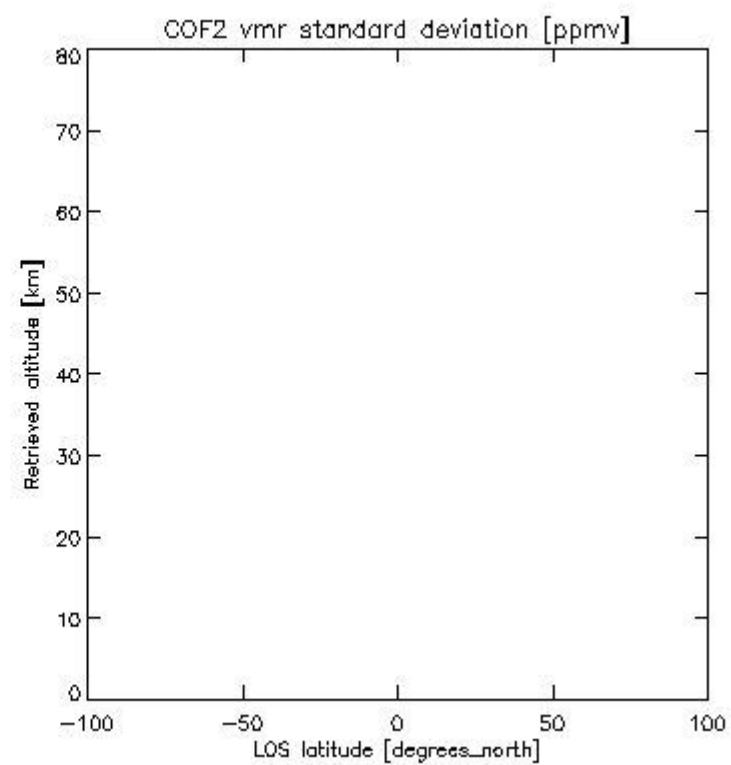
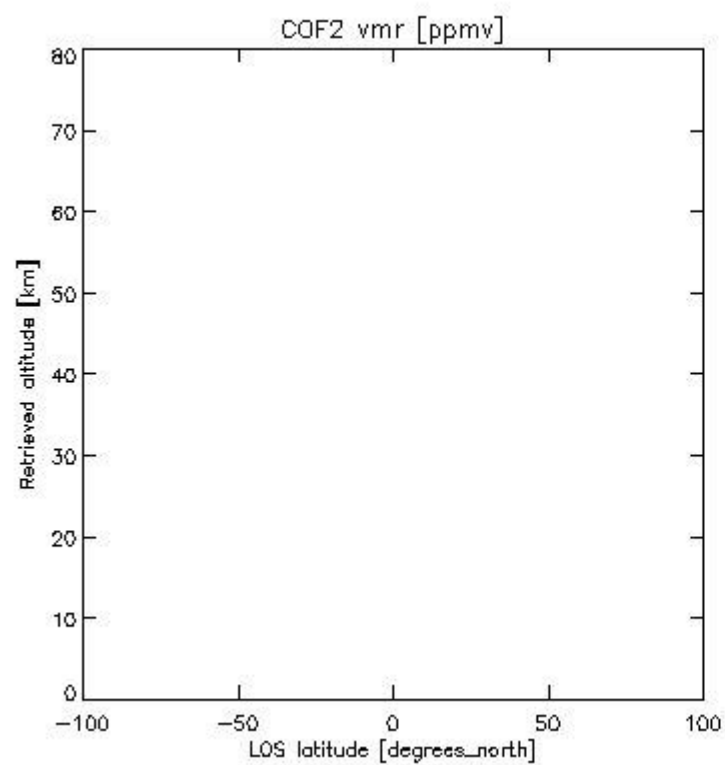
2.2.4.7 F11 overview This section shows values (left) and error (right) for F11 after binning individual sweep values over retrieved altitude and tangent latitude.

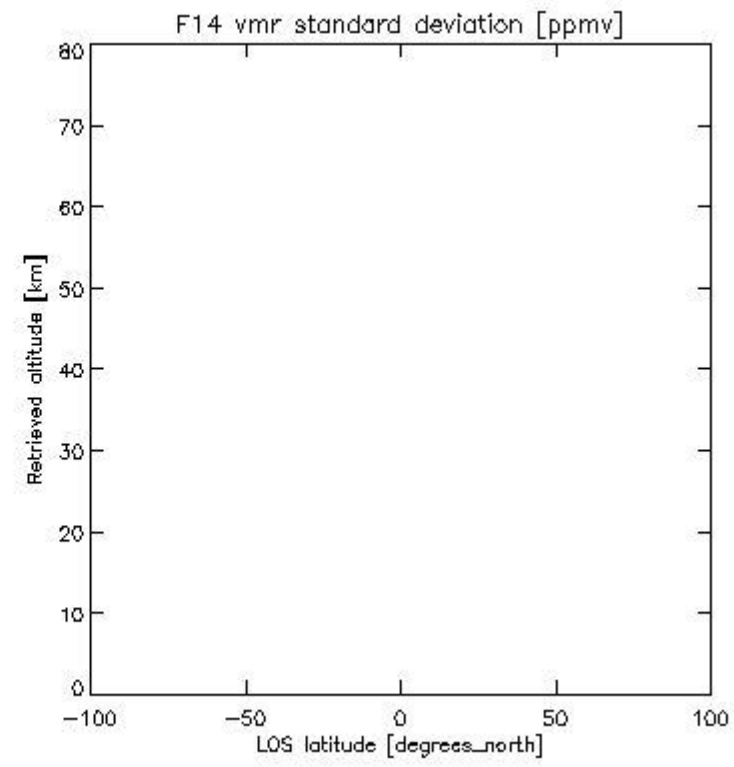
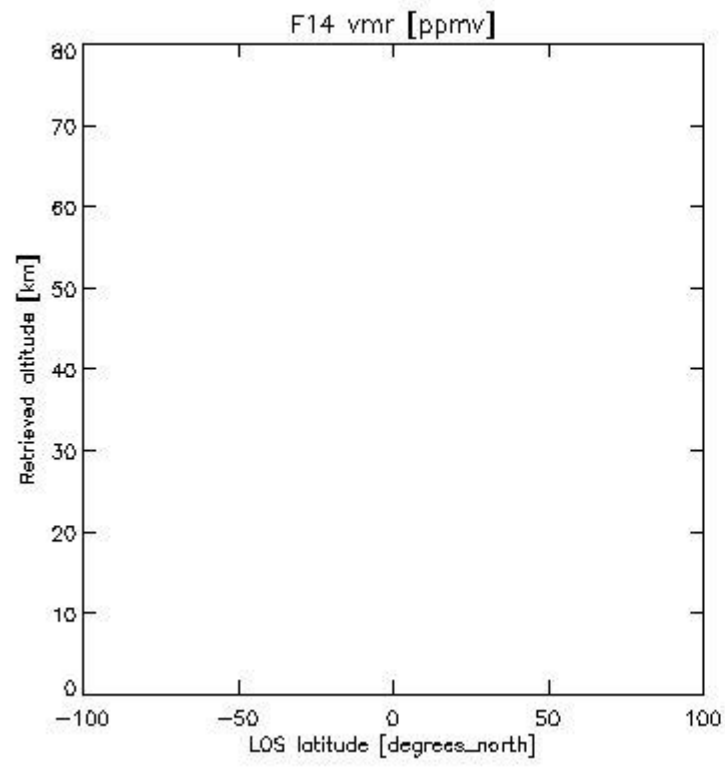
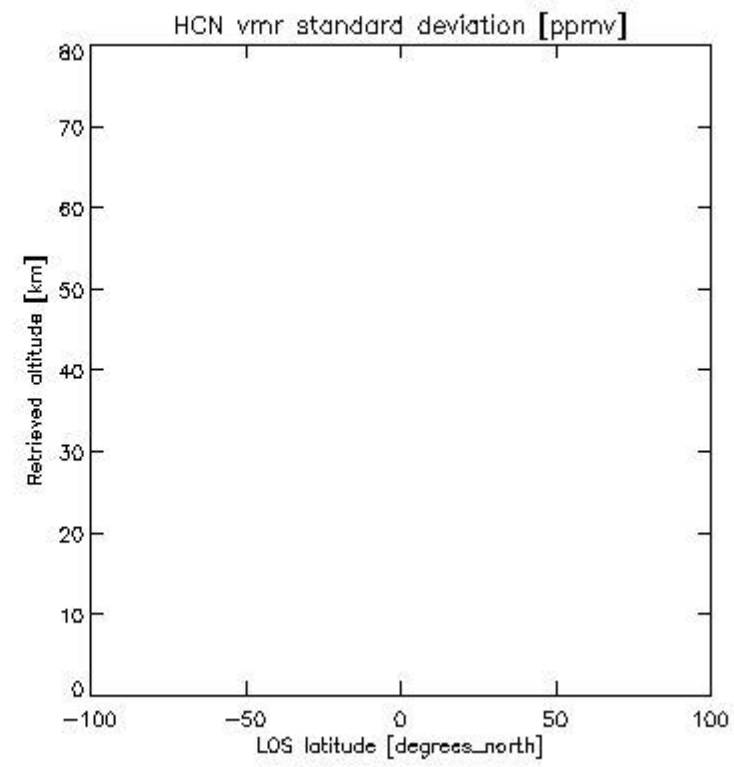
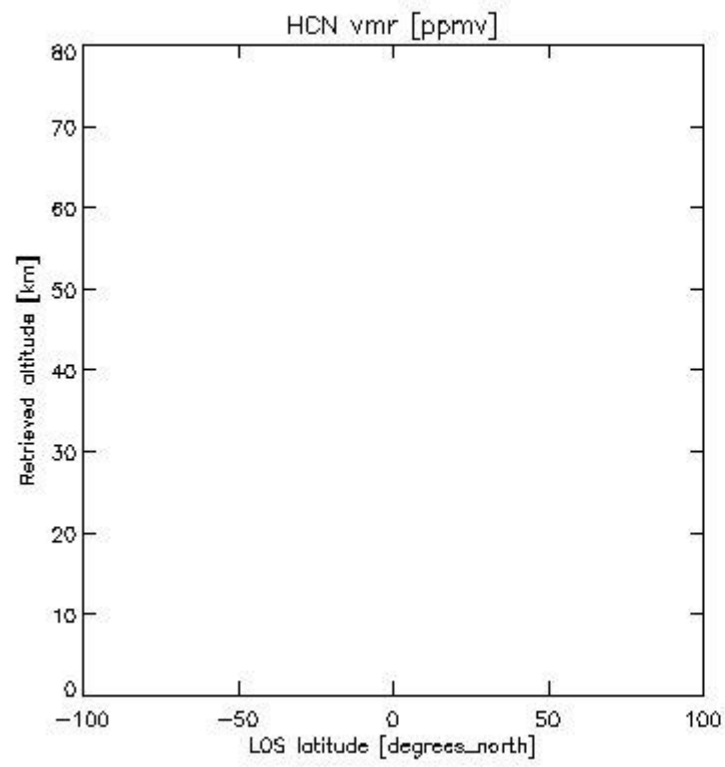


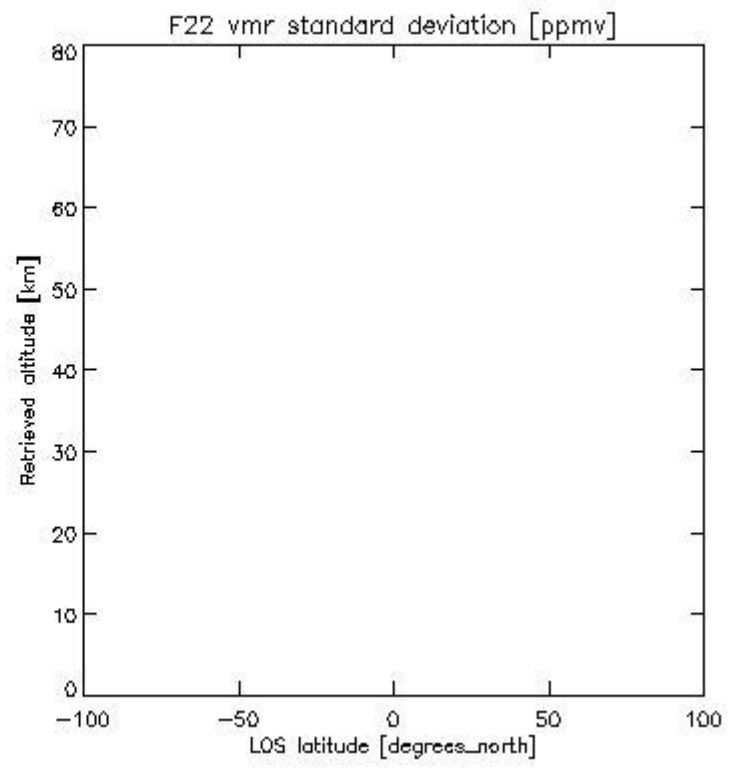
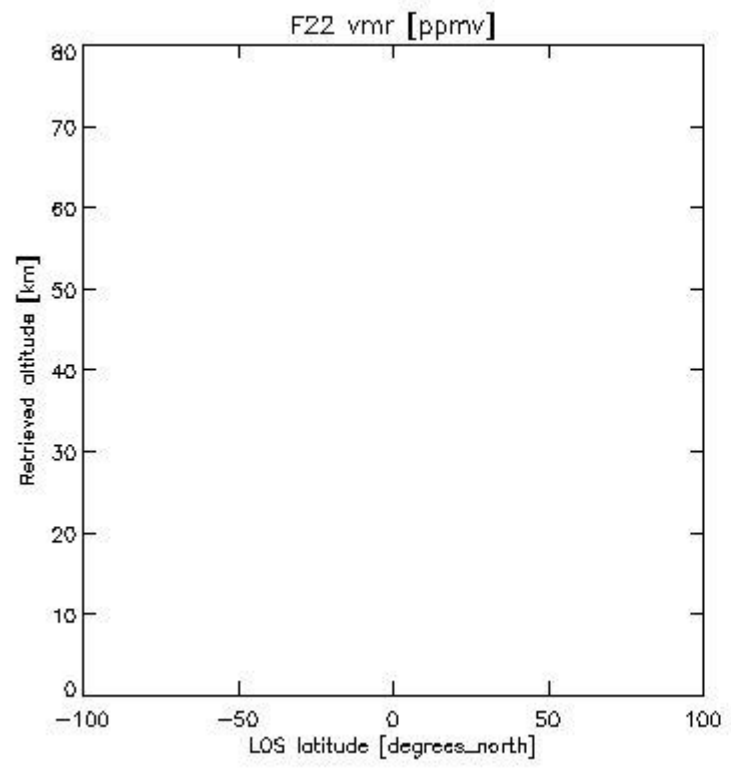
2.3.4 CLNO overview This section shows values (left) and error (right) for CLNO after binning individual sweep values over retrieved altitude and target latitude.











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

