



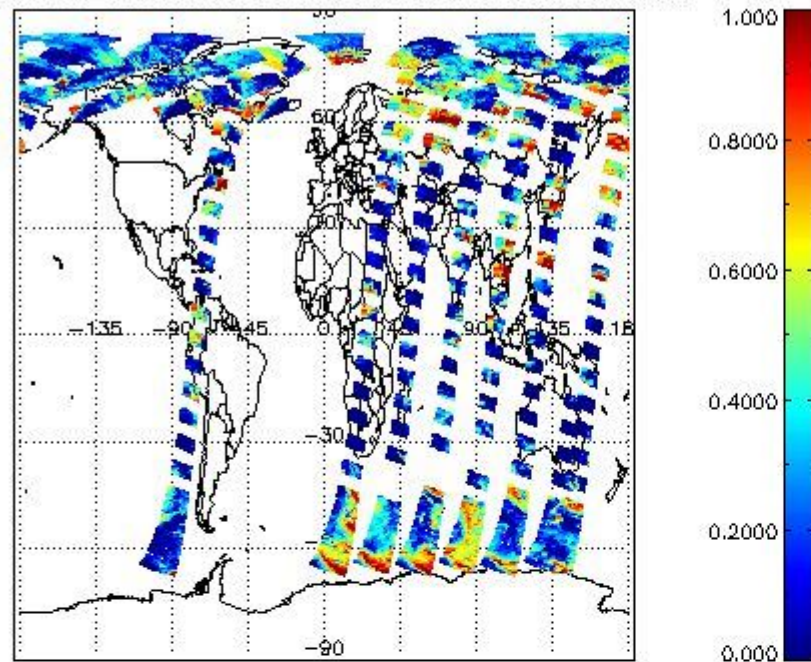
INTEGR_TIME	74360	0.17045	0.12500	0.12500	0.25000	0.060131	s
CL_FRAC	74360	0.28618	0.22242	0.0000	1.0000	0.27567	-
CL_FRAC_ERR	74360	0.0000	0.0000	0.0000	0.0000	0.0000	%
PMD_READ	74360	5.4545	4.0000	4.0000	8.0000	1.9242	
PMD_READ_CL[0]	74360	0.16015	0.0000	0.0000	8.0000	0.92356	-
PMD_READ_CL[1]	74360	1.8275	0.0000	0.0000	8.0000	2.7157	-
CL_TOP_HEIGHT	66246	3.4628	1.8532	0.0000	17.000	3.7792	km
CL_TOP_HEIGHT_ERR	0	---	---	---	---	---	---
CL_OPT_DEPTH	66246	59.911	100.00	0.0000	101.00	45.277	km
CL_OPT_DEPTH_ERR	0	---	---	---	---	---	---
CL_TYPE_FLAGS	74360	11100000	11100000	11100000	11100000	0.0000	flags
CLOUD_FLAGS	74360	11001100	11000100	11000000	11100000	3511.3	flags
AERO_ABSO_IND	74360	4.2987	5.1202	-0.18328	14.471	2.8118	
AERO_IND_DIAG	74360	0.0000	0.0000	0.0000	0.0000	0.0000	
AERO_FLAGS	74360	01011000	00000000	00000000	11000000	24491.	flags

**Time and geolocation plots:**

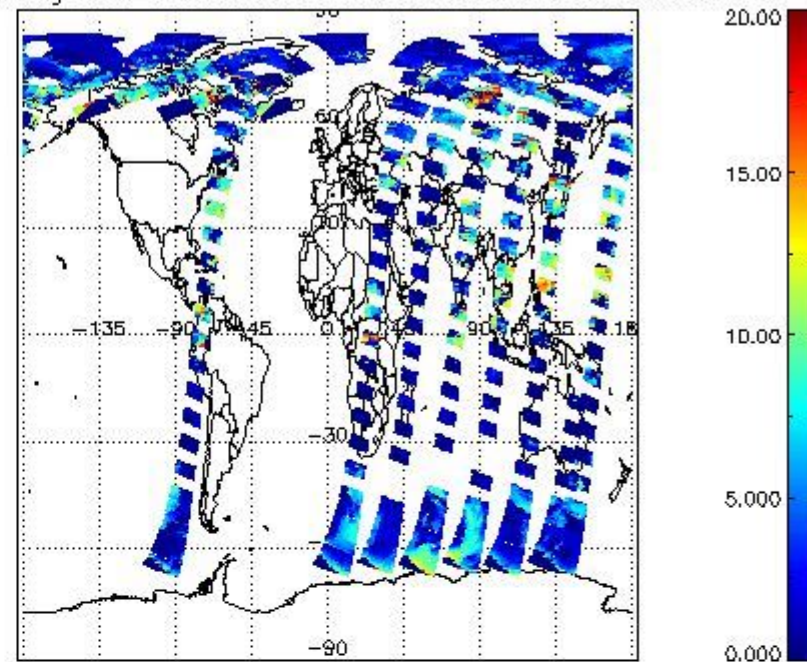
Plots are available for the following parameters:

Number	Data item ID
0	cl_frac
1	cl_top_height
2	cl_opt_depth
3	cloud_flags

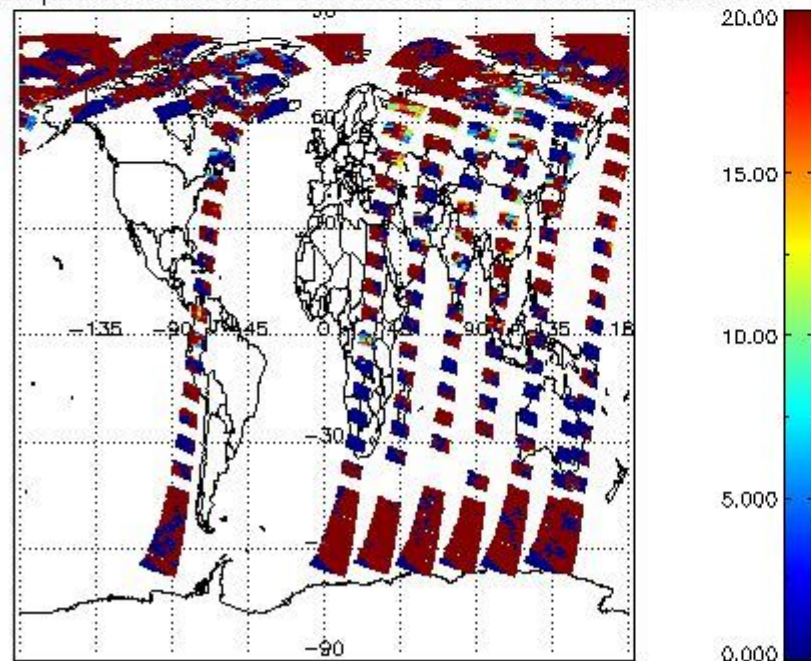
cL\_frac for 07AUG2009 00:00:00 to 08AUG2009 00:00:00



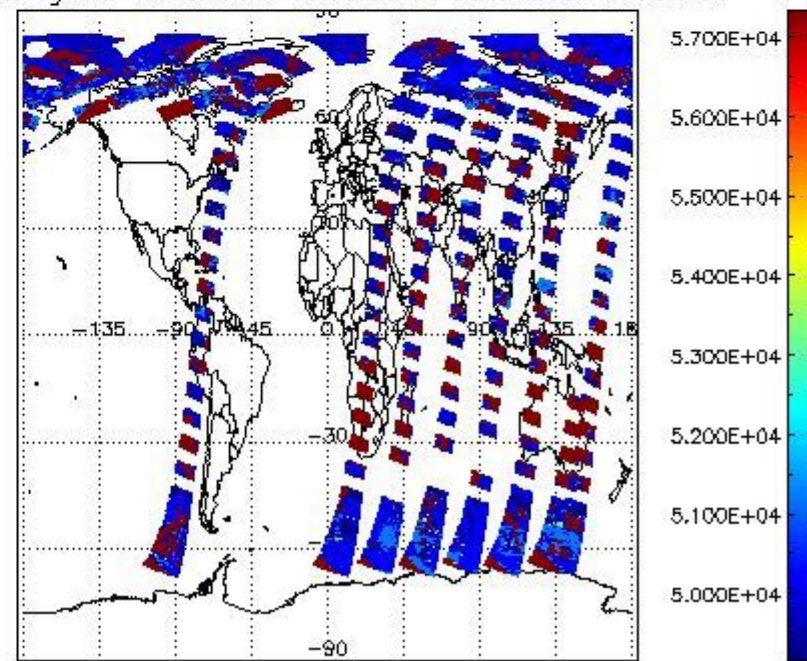
cL\_top\_height for 07AUG2009 00:00:00 to 08AUG2009 00:00:00



cL\_opt\_depth for 07AUG2009 00:00:00 to 08AUG2009 00:00:00



cloud\_flags for 07AUG2009 00:00:00 to 08AUG2009 00:00:00



## 2.2.2 Nadir

This section shows information about product quality of nadir measurements, in particular the quality of retrieved species.

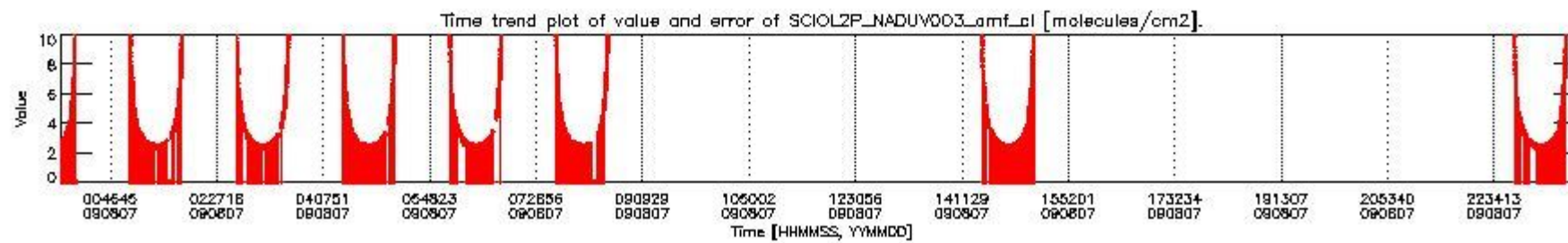
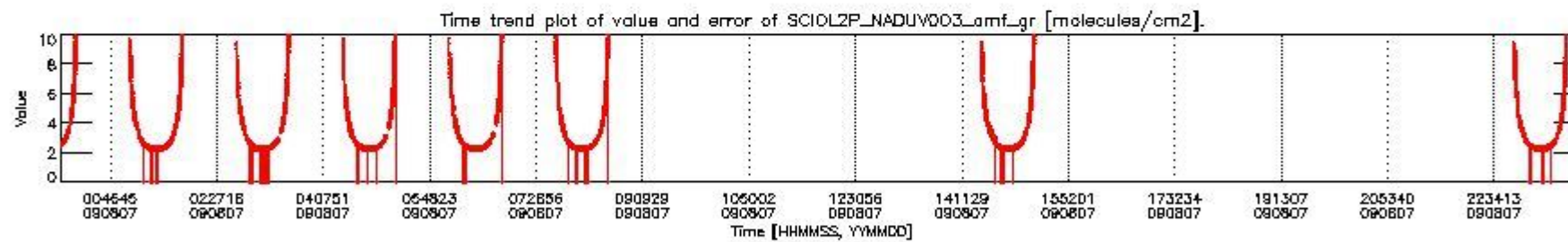
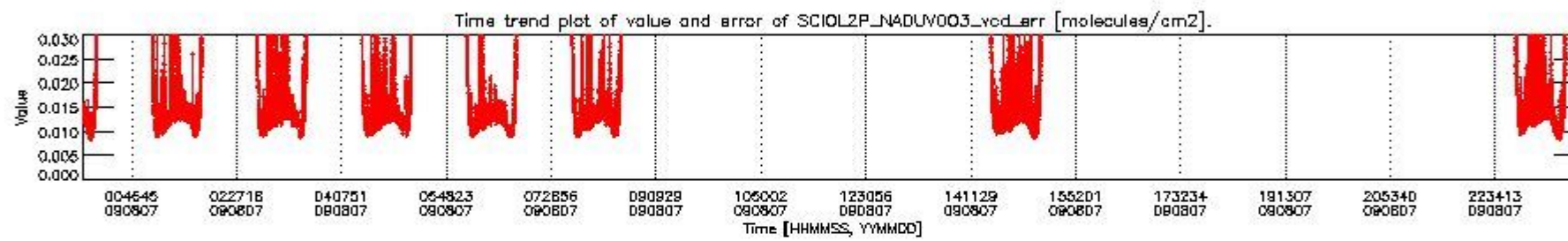
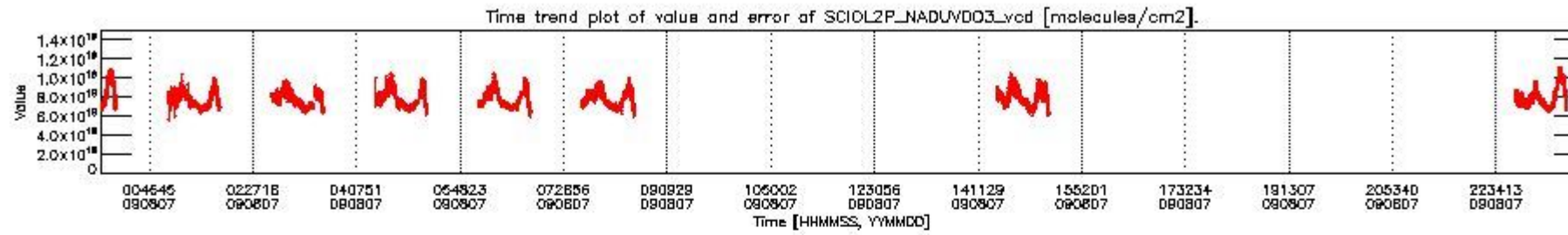
The following data items are currently included into this section:

Number	Data item ID
0	SCIOL2P_NADUV003_vcd
1	SCIOL2P_NADUV003_vcd_err
2	SCIOL2P_NADUV003_amf_gr



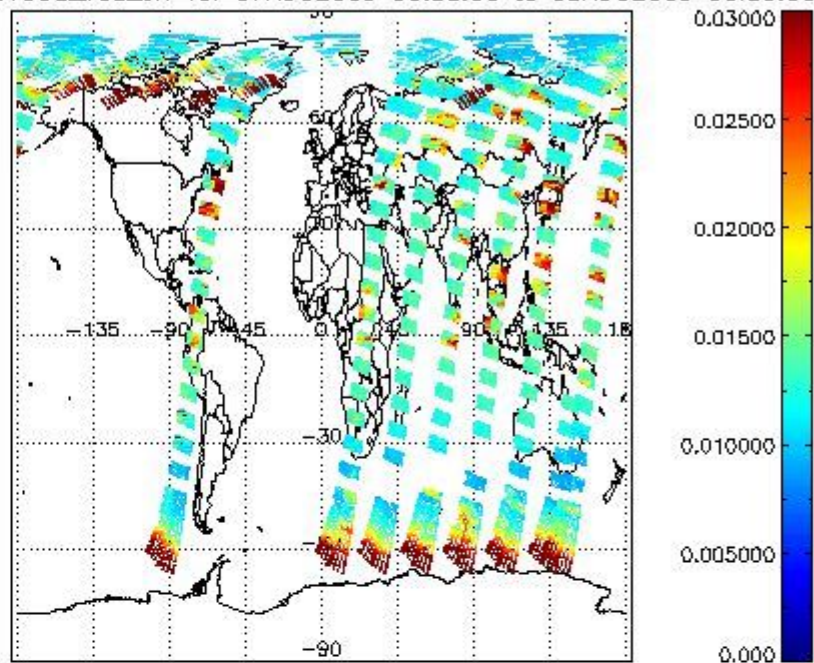
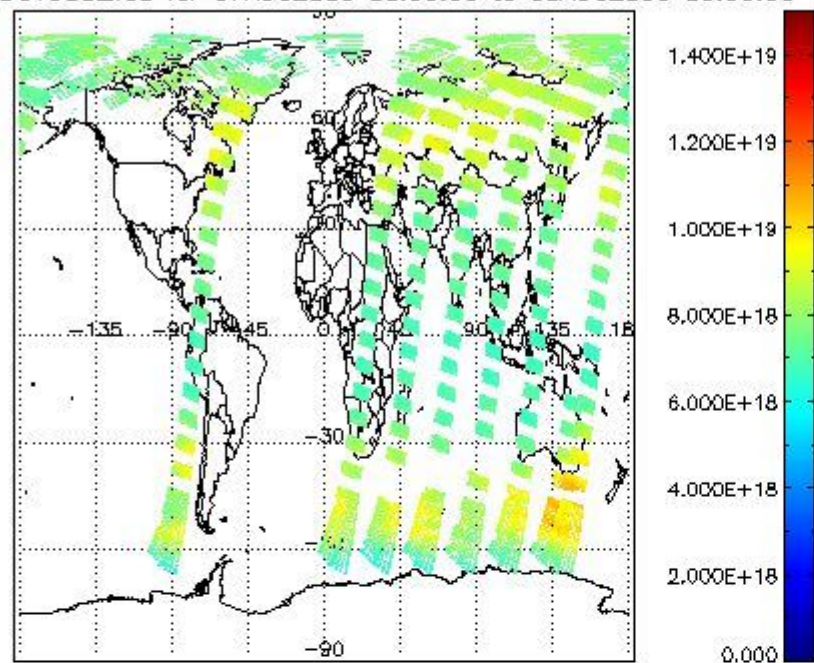
3	SCIOL2P_NADUV003_amf_cl
4	SCIOL2P_NADUV1NO2_vcd
5	SCIOL2P_NADUV1NO2_vcd_err
6	SCIOL2P_NADUV1NO2_amf_gr
7	SCIOL2P_NADUV1NO2_amf_cl

Data is presented both in time trend plots and world map plots, in order to show variations with time and geolocation. The vertical dotted lines in the time trend plots indicate orbits. The orbit times on the X-axis are estimated sensing\_start time as suggested by the product sensing\_start time in the MPH.

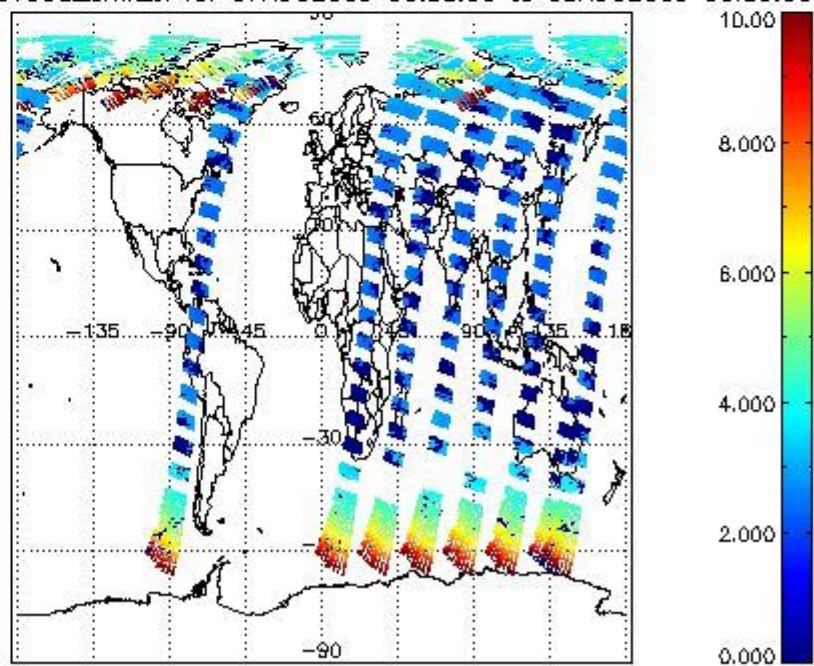
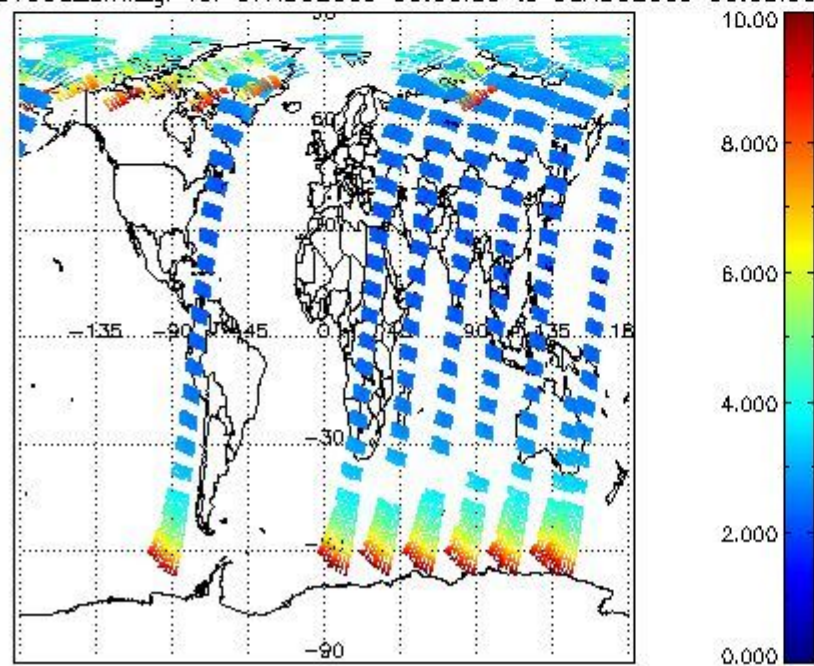


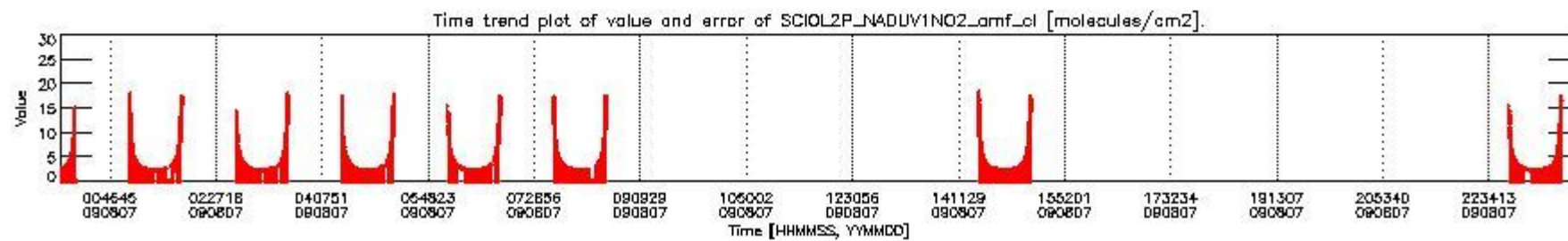
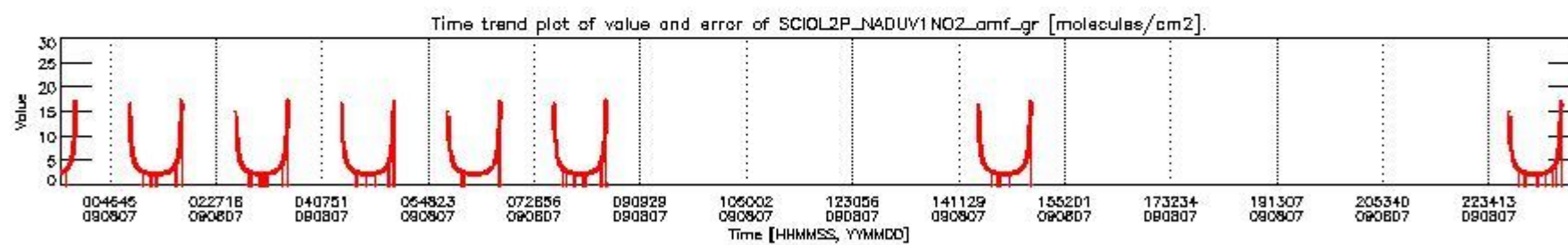
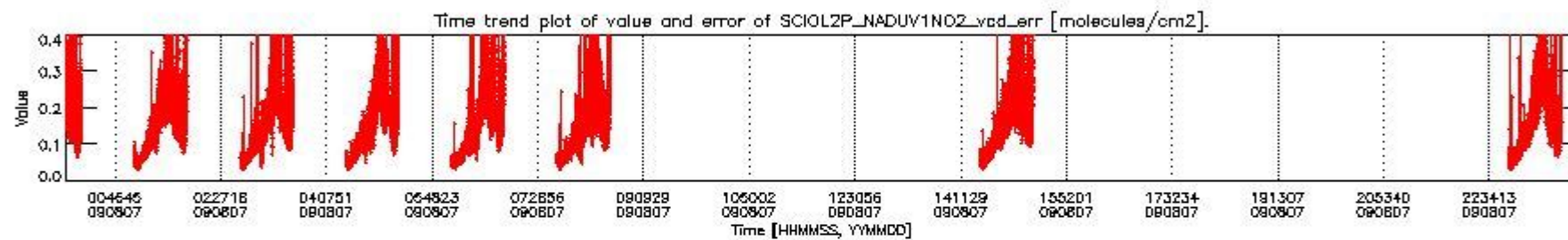
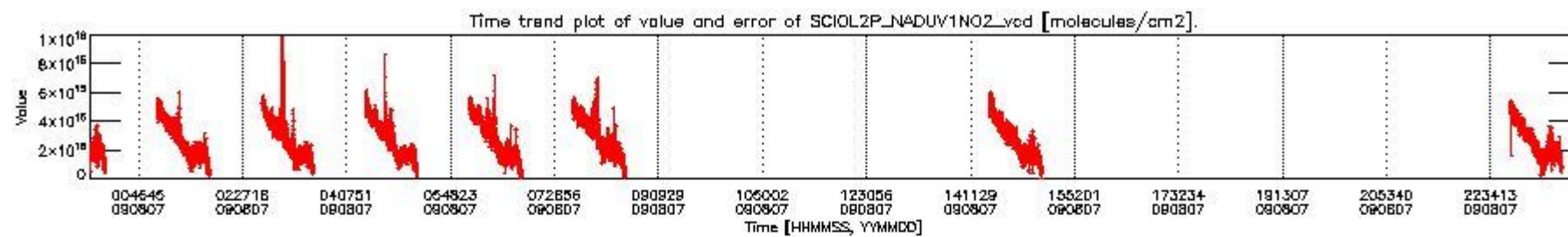


SCIOL2P\_NADUV003\_vcd for 07AUG2009 00:00:00 to 08AUG2009 00:00:00    SCIOL2P\_NADUV003\_vcd\_err for 07AUG2009 00:00:00 to 08AUG2009 00:00:00

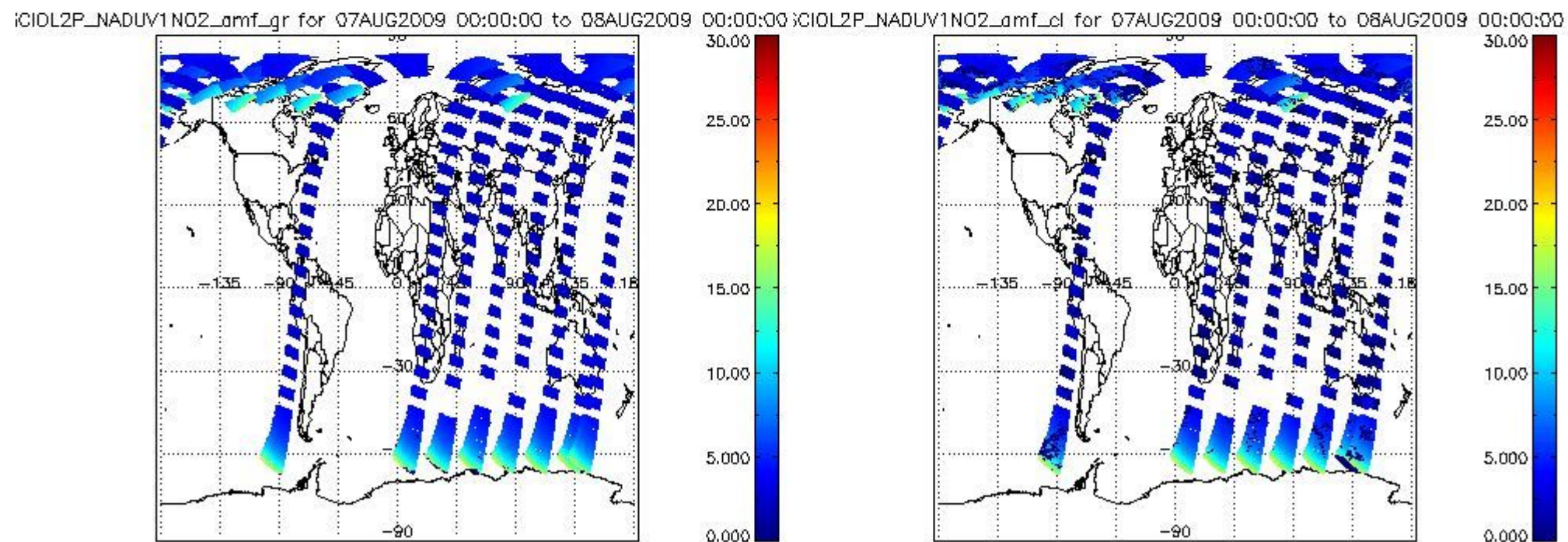
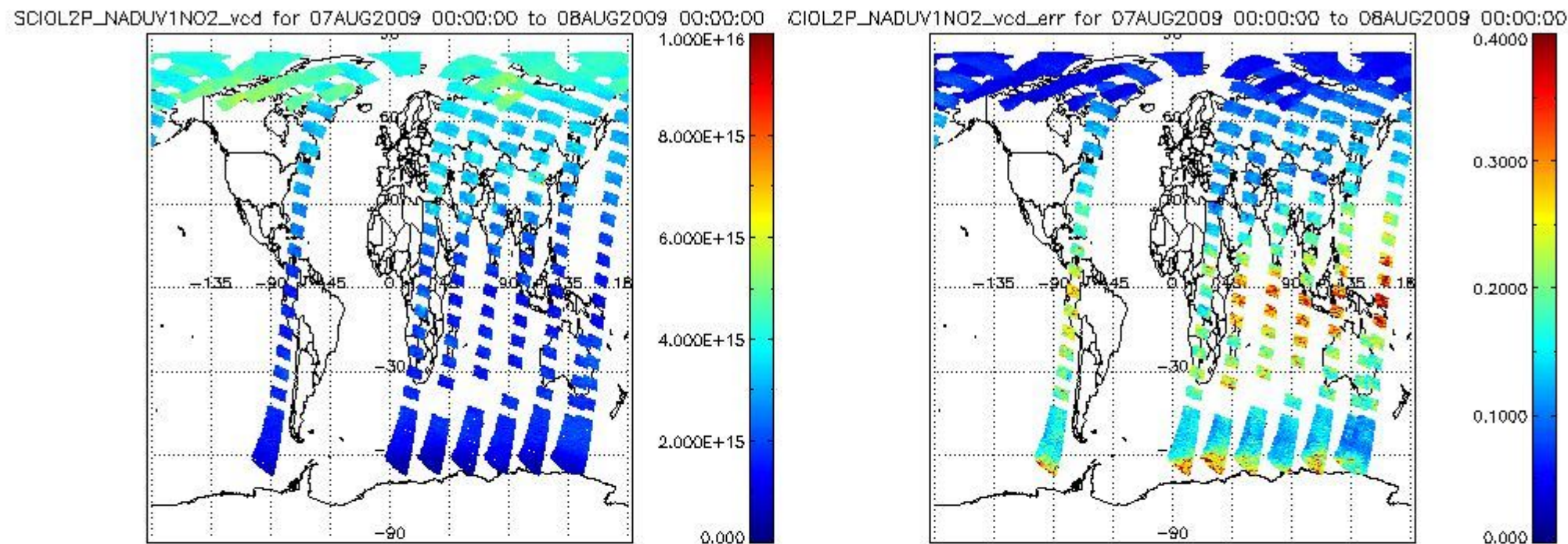


SCIOL2P\_NADUV003\_amf\_gr for 07AUG2009 00:00:00 to 08AUG2009 00:00:00    SCIOL2P\_NADUV003\_amf\_cl for 07AUG2009 00:00:00 to 08AUG2009 00:00:00









### 2.2.3 Limb

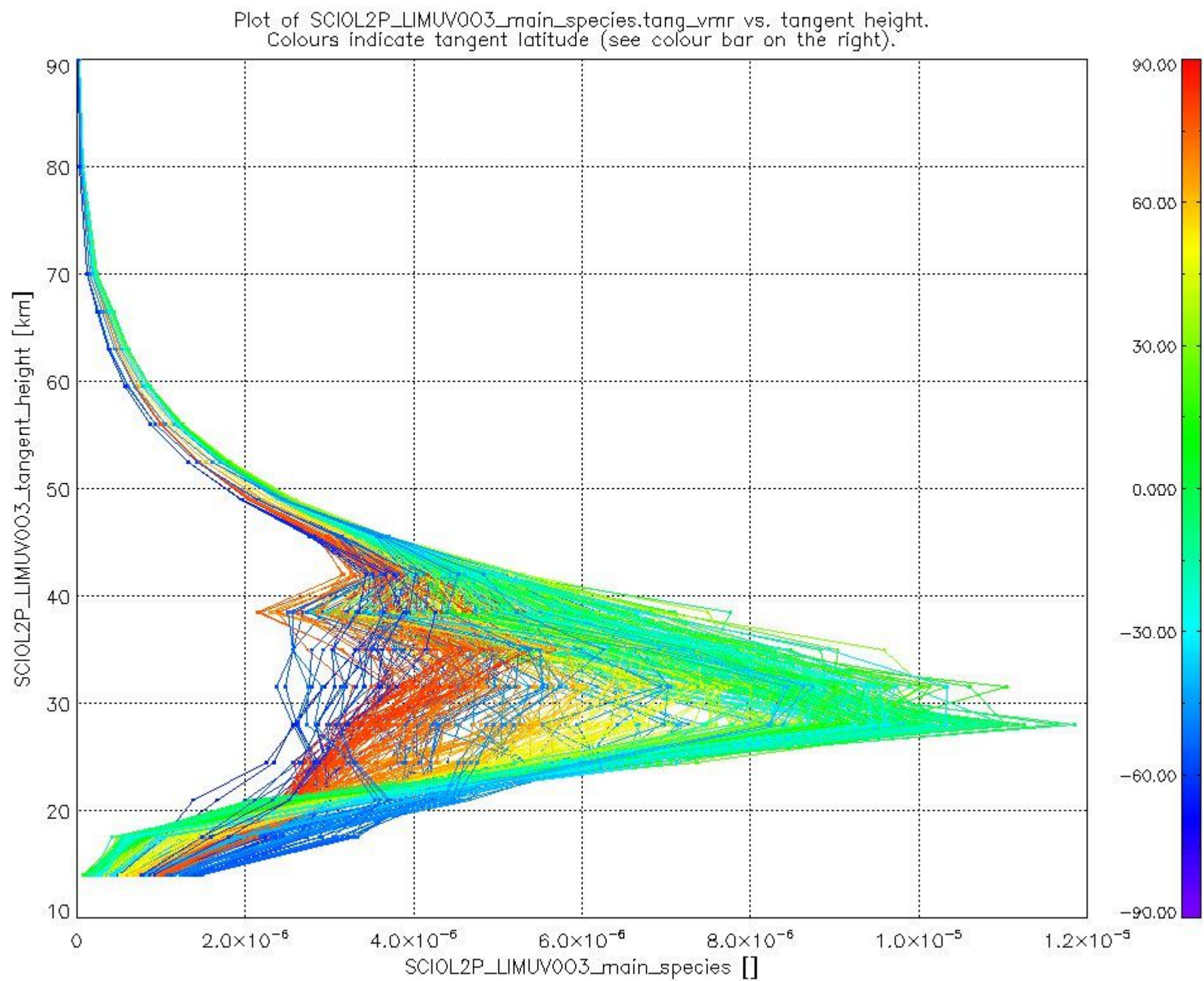
This section shows information about product quality of the limb retrievals, in particular the quality of retrieved species.

The following data items are currently included into this section:

Number	Data item ID
0	SCIOL2PLIMUV003_main_species
1	SCIOL2PLIMUV1NO2_main_species

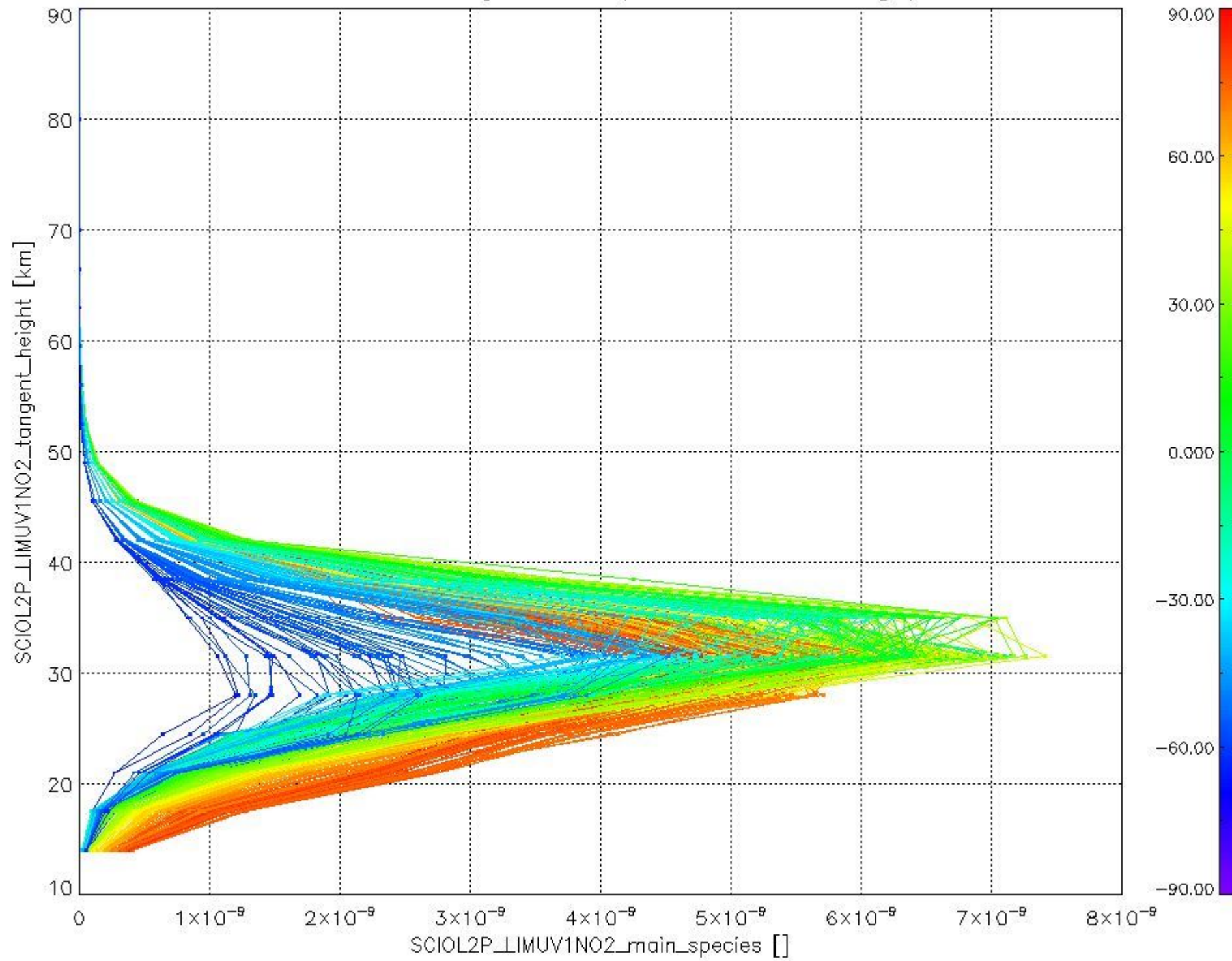


The following plots shows for each species the tangent volume mixing ratio vs. tangent height. Colours indicate tangent latitude.





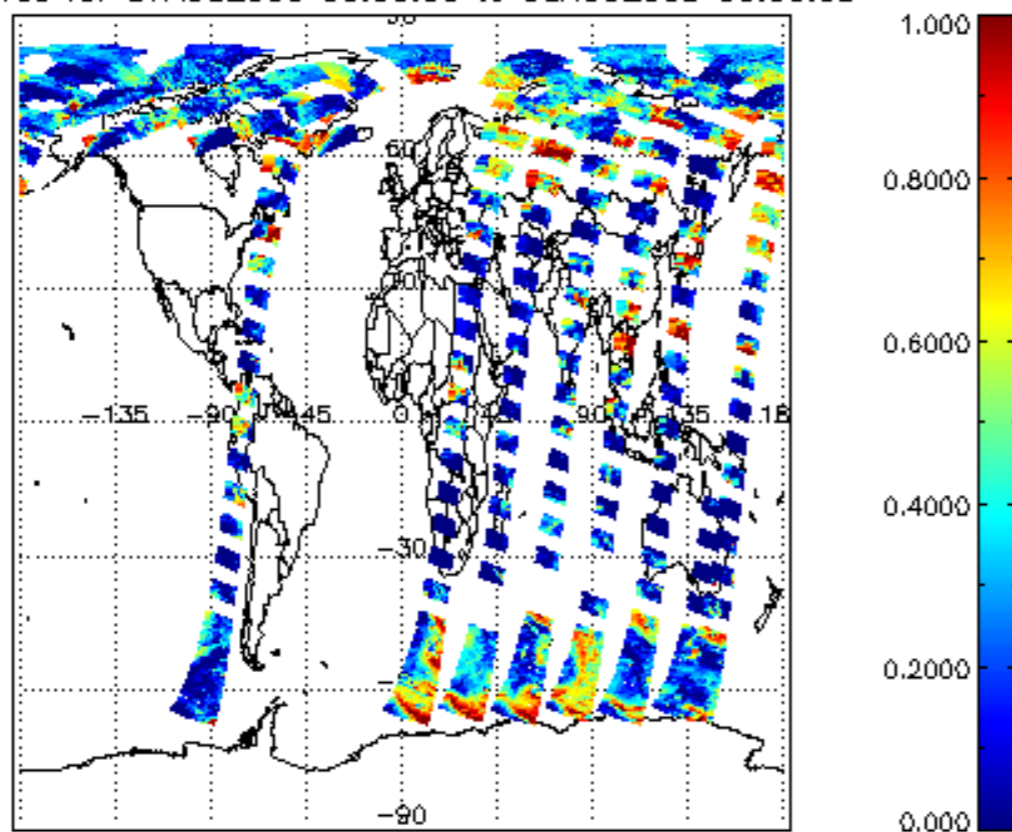
Plot of SCIOL2P\_LIMUV1NO2\_main\_species.tang\_vmr vs. tangent height.  
Colours indicate tangent latitude (see colour bar on the right).



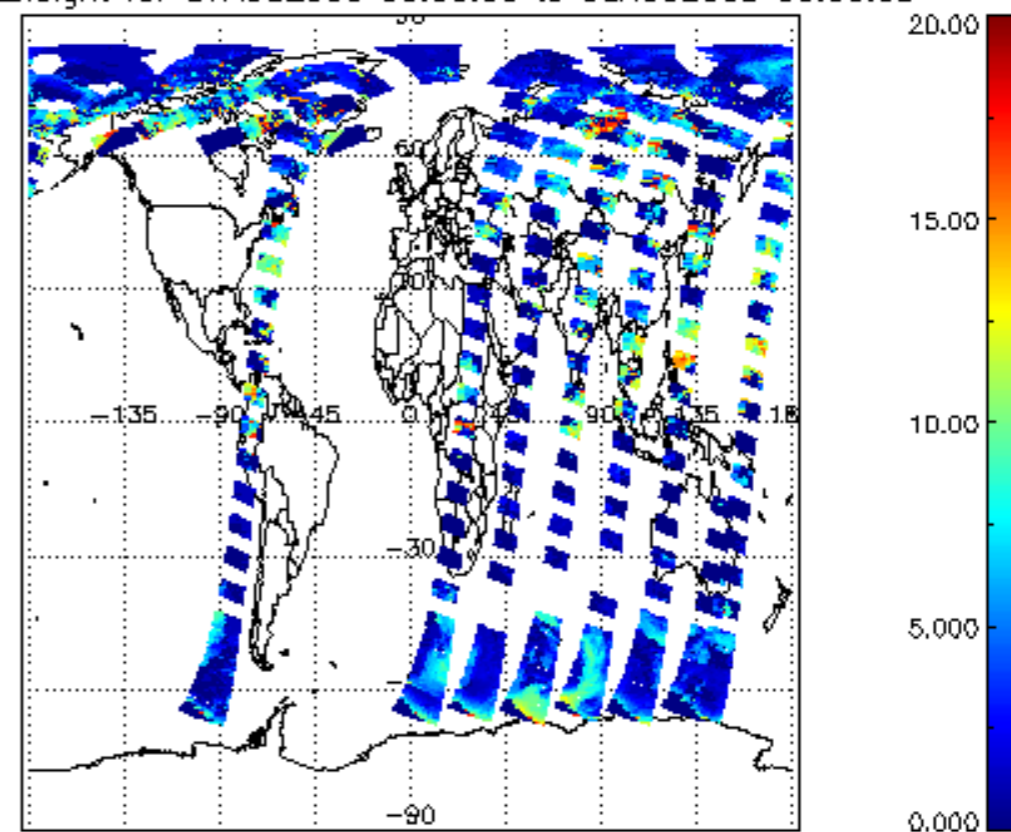
### 2.3 ADF monitoring

Number	ADF
	<b>IN_ (INITIALISATION_FILE)</b>
0	SCI_IN__AXNPDE20070629_092400_20070720_000000_20991231_235959
	<b>ECF (ECMWF_FILE)</b>
1	NOT USED

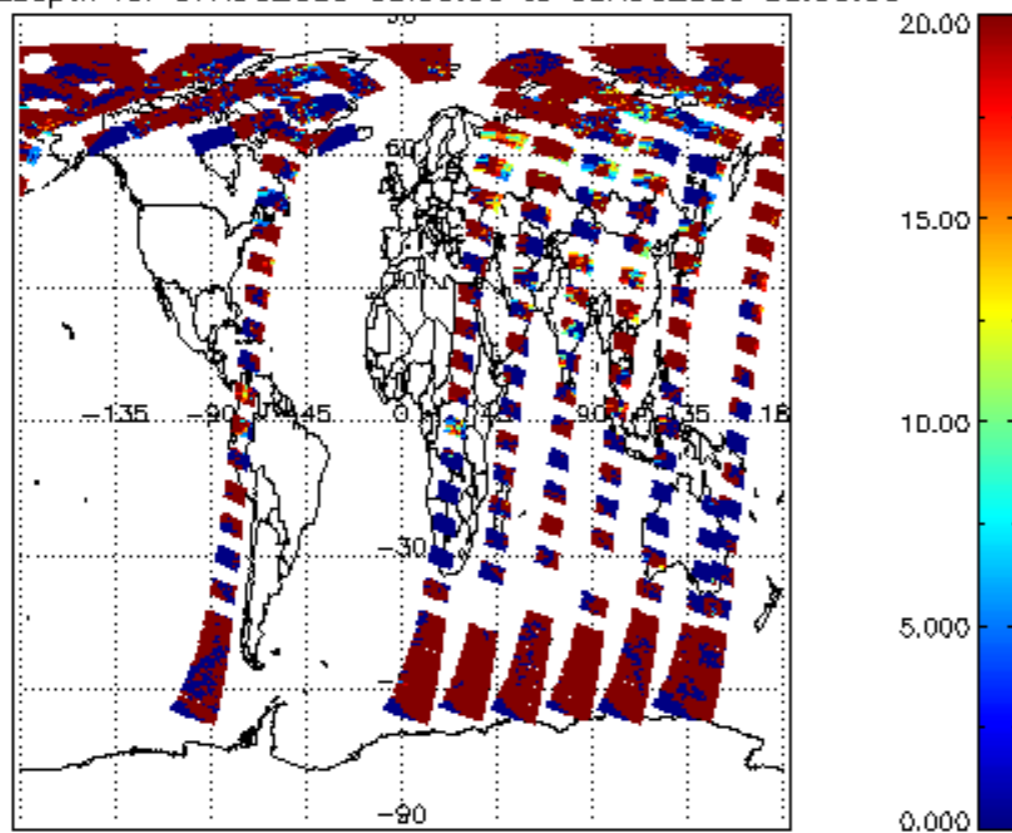
cL\_frac for 07AUG2009 00:00:00 to 08AUG2009 00:00:00



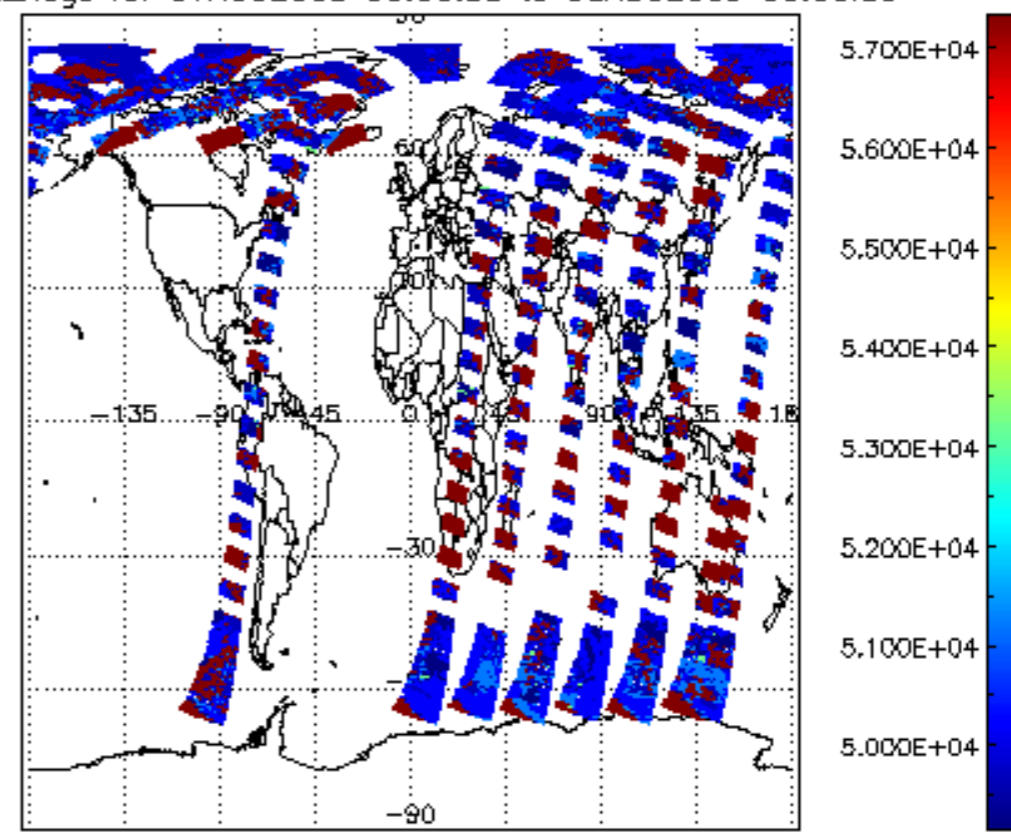
cL\_top\_height for 07AUG2009 00:00:00 to 08AUG2009 00:00:00



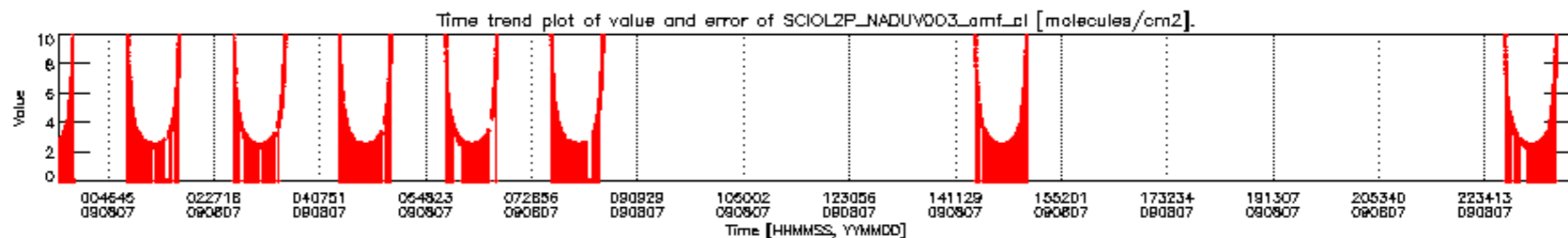
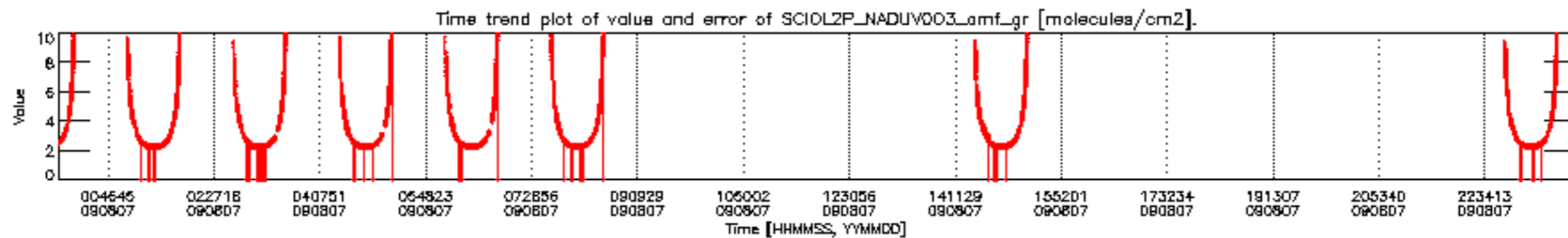
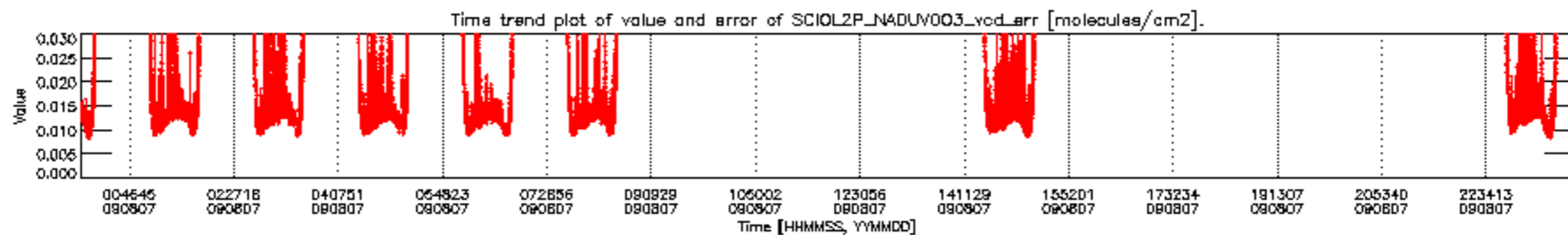
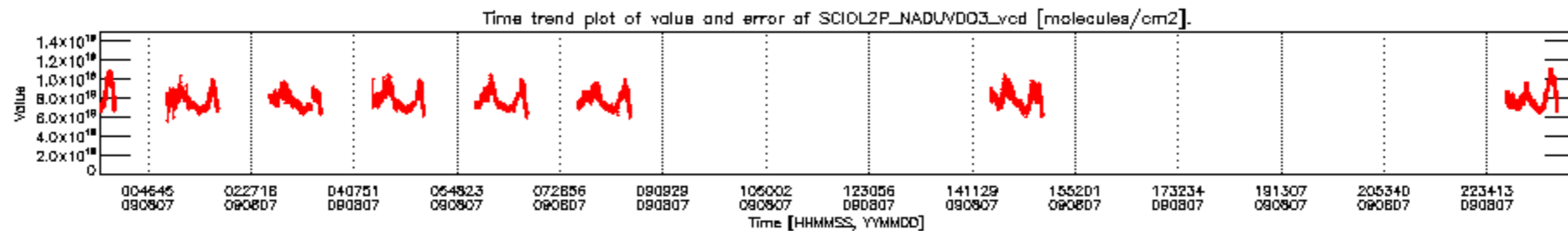
cL\_opt\_depth for 07AUG2009 00:00:00 to 08AUG2009 00:00:00



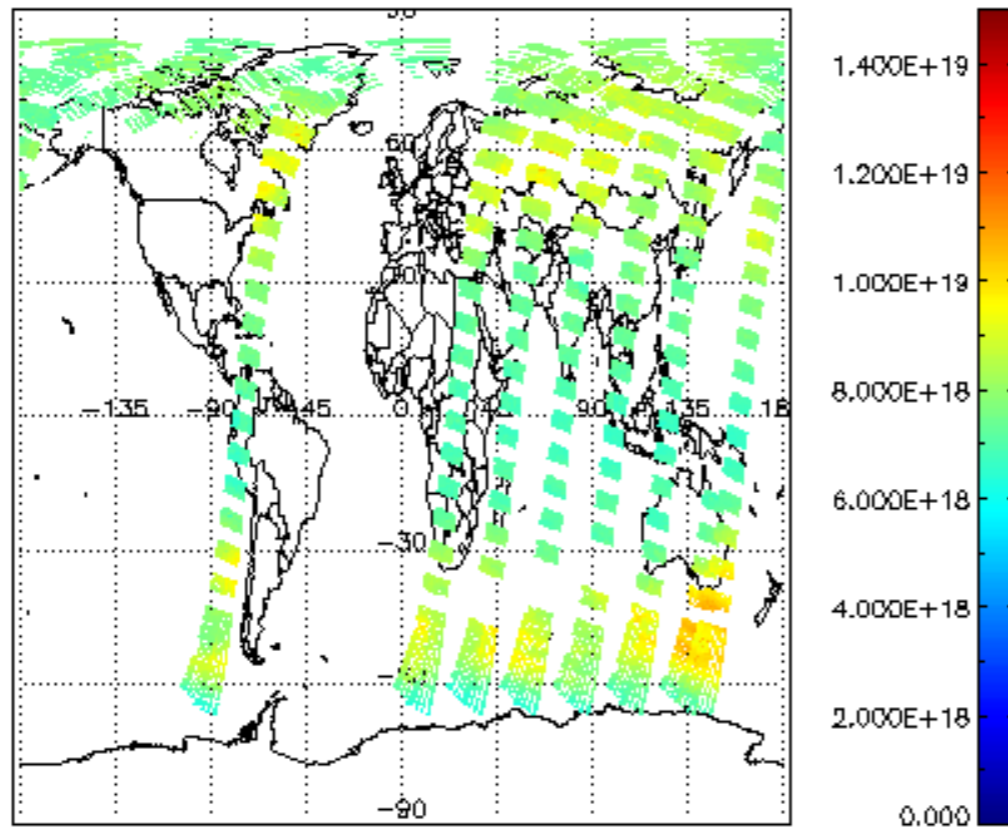
cloud\_flags for 07AUG2009 00:00:00 to 08AUG2009 00:00:00



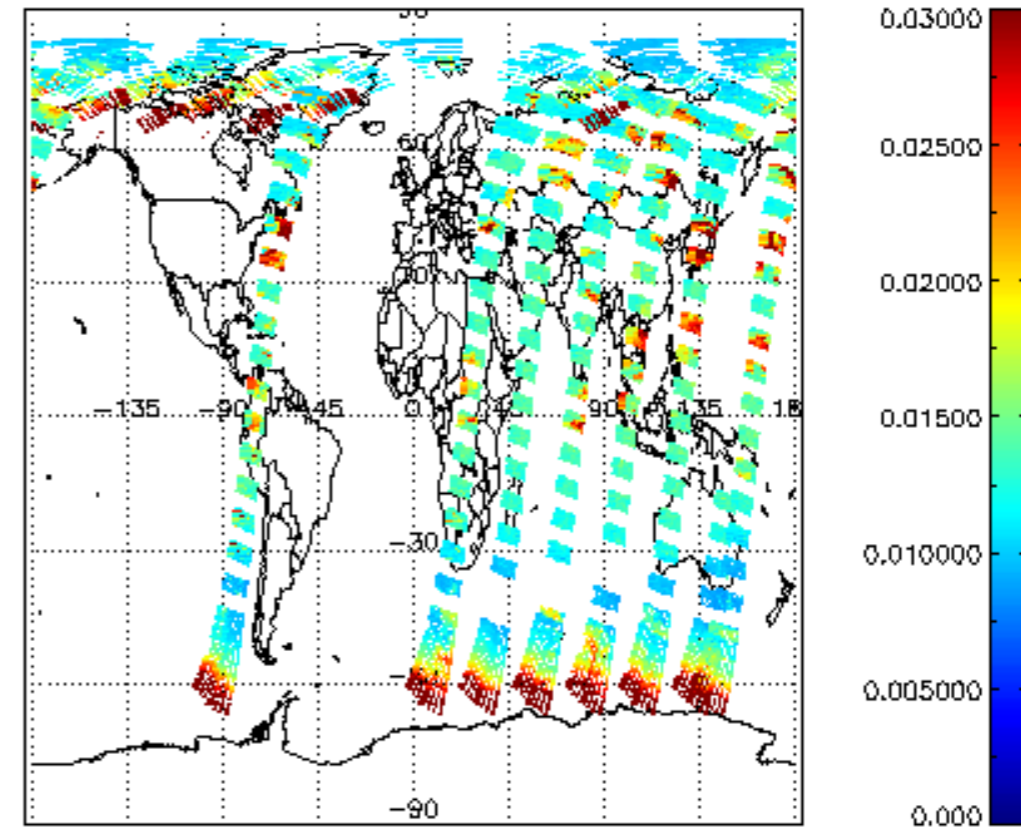




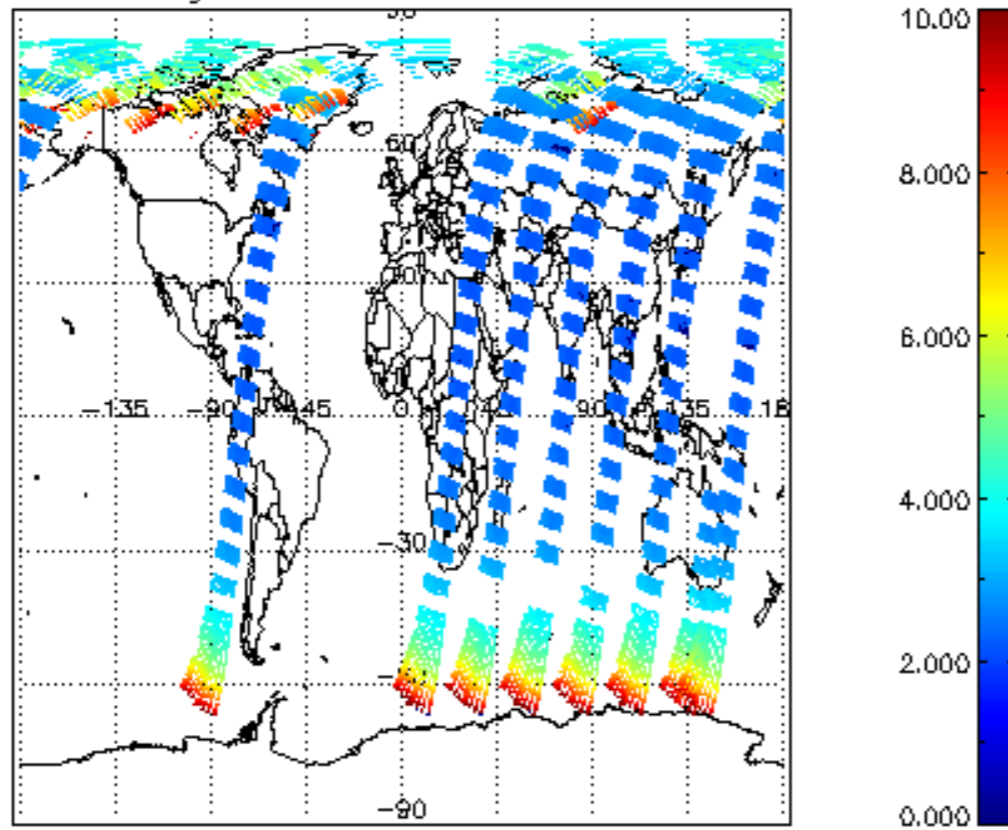
SCIOL2P\_NADUV003\_vcd for 07AUG2009 00:00:00 to 08AUG2009 00:00:00



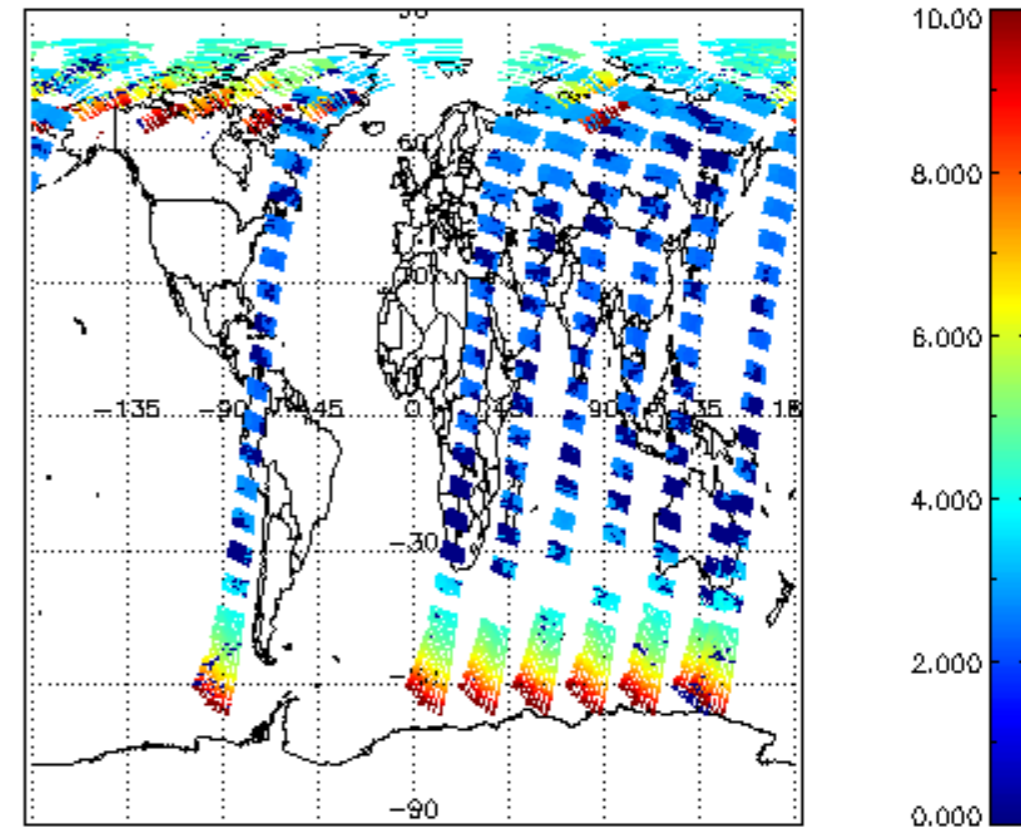
SCIOL2P\_NADUV003\_vcd\_err for 07AUG2009 00:00:00 to 08AUG2009 00:00:00



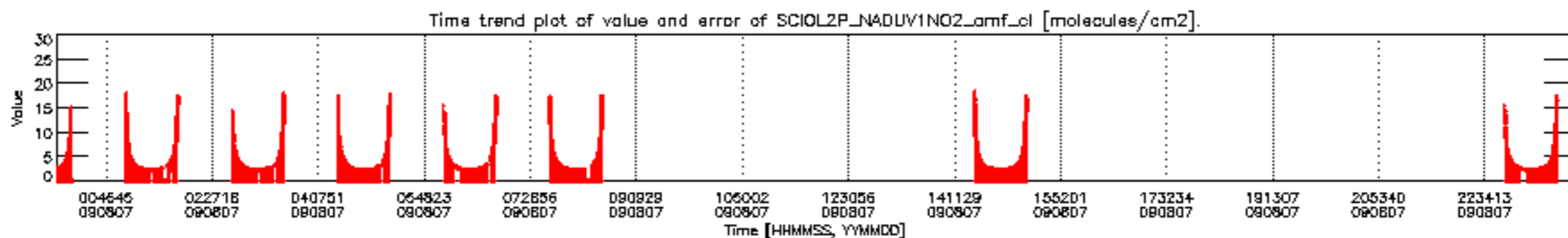
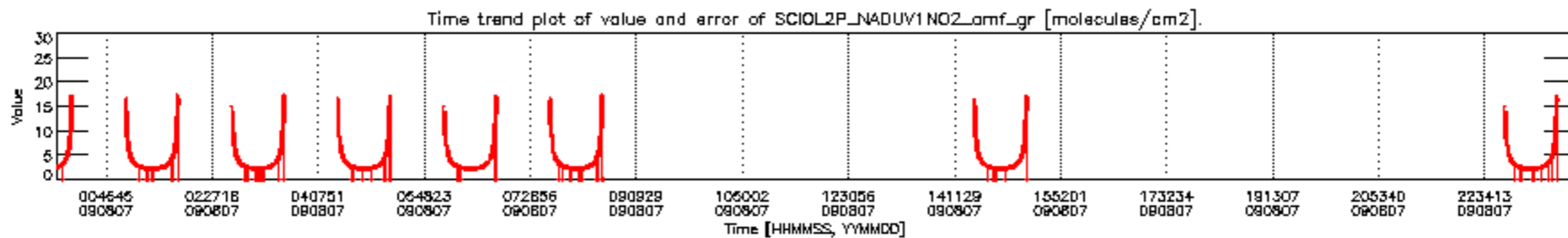
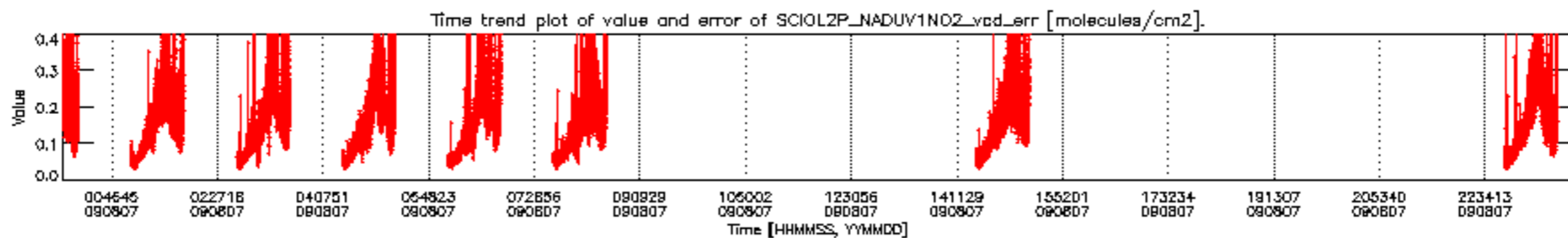
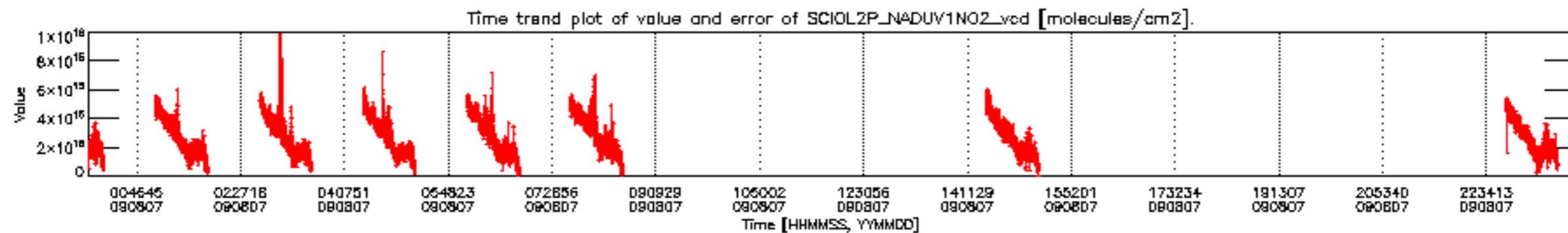
SCIOL2P\_NADUV003\_amf\_gr for 07AUG2009 00:00:00 to 08AUG2009 00:00:00



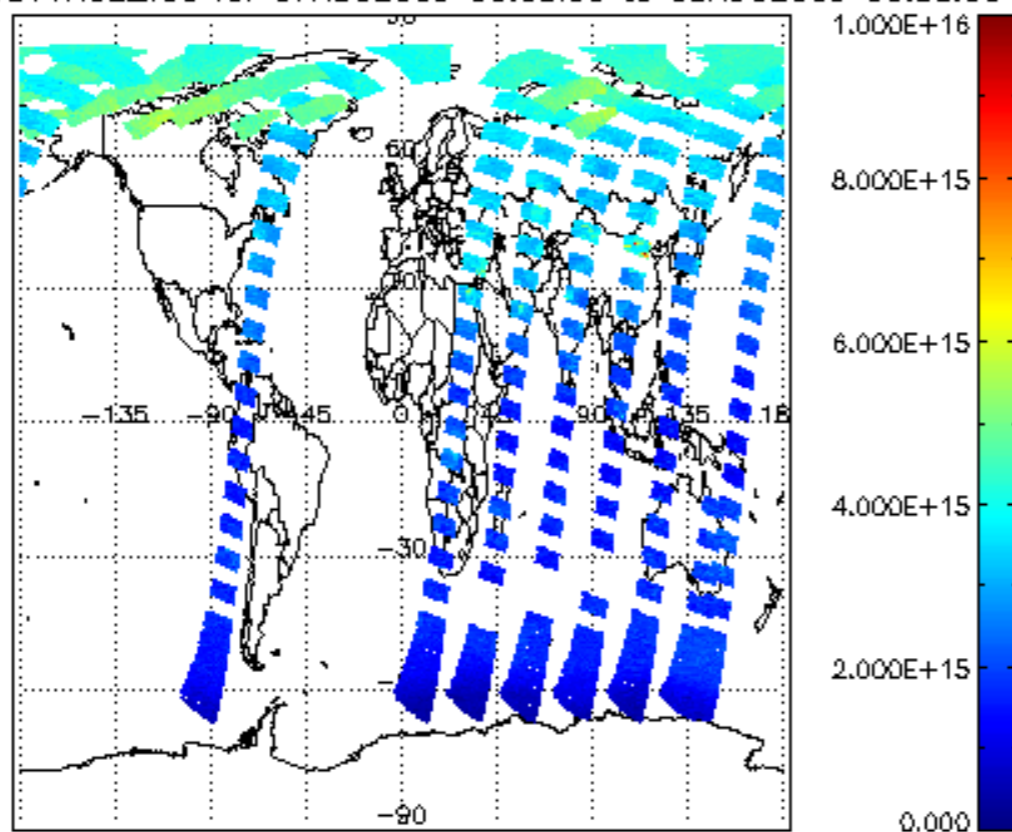
SCIOL2P\_NADUV003\_amf\_cl for 07AUG2009 00:00:00 to 08AUG2009 00:00:00



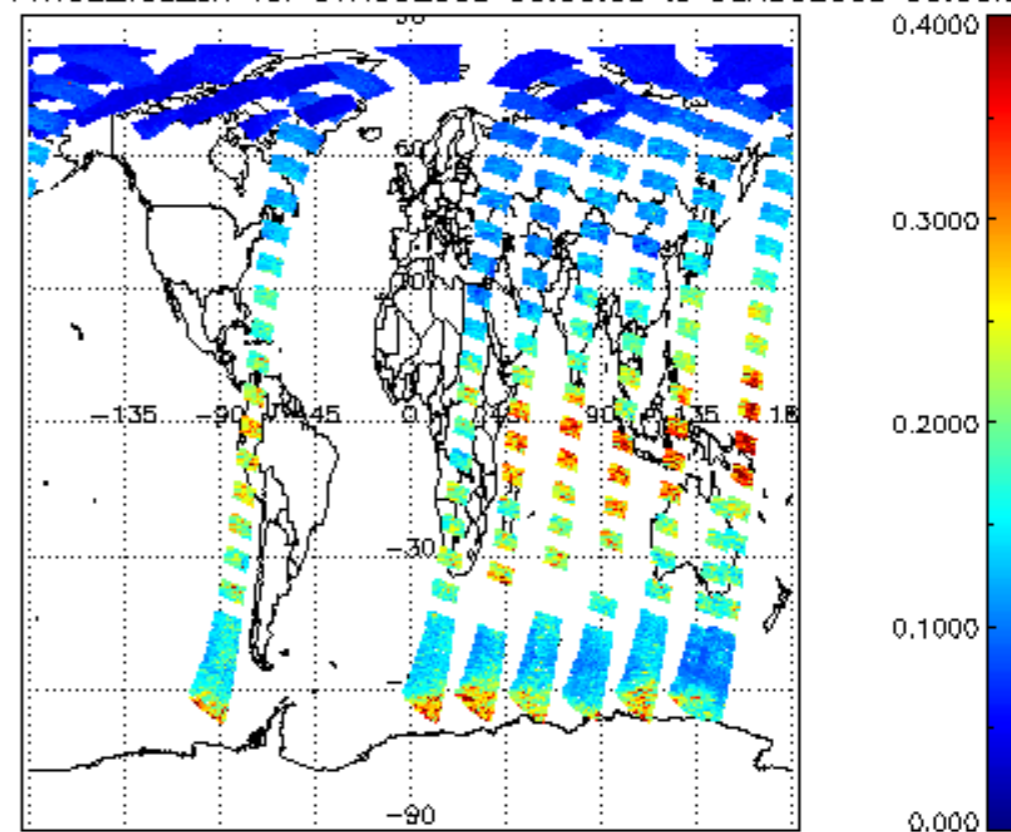




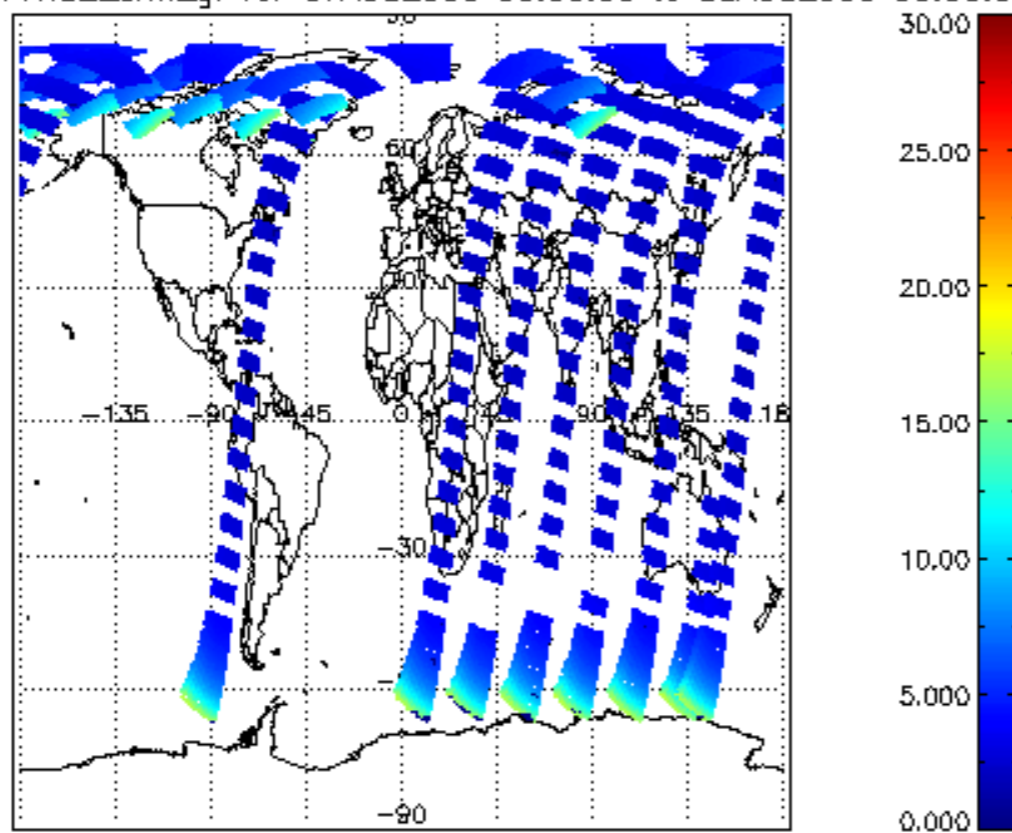
SCIOL2P\_NADUV1NO2\_vcd for 07AUG2009 00:00:00 to 08AUG2009 00:00:00



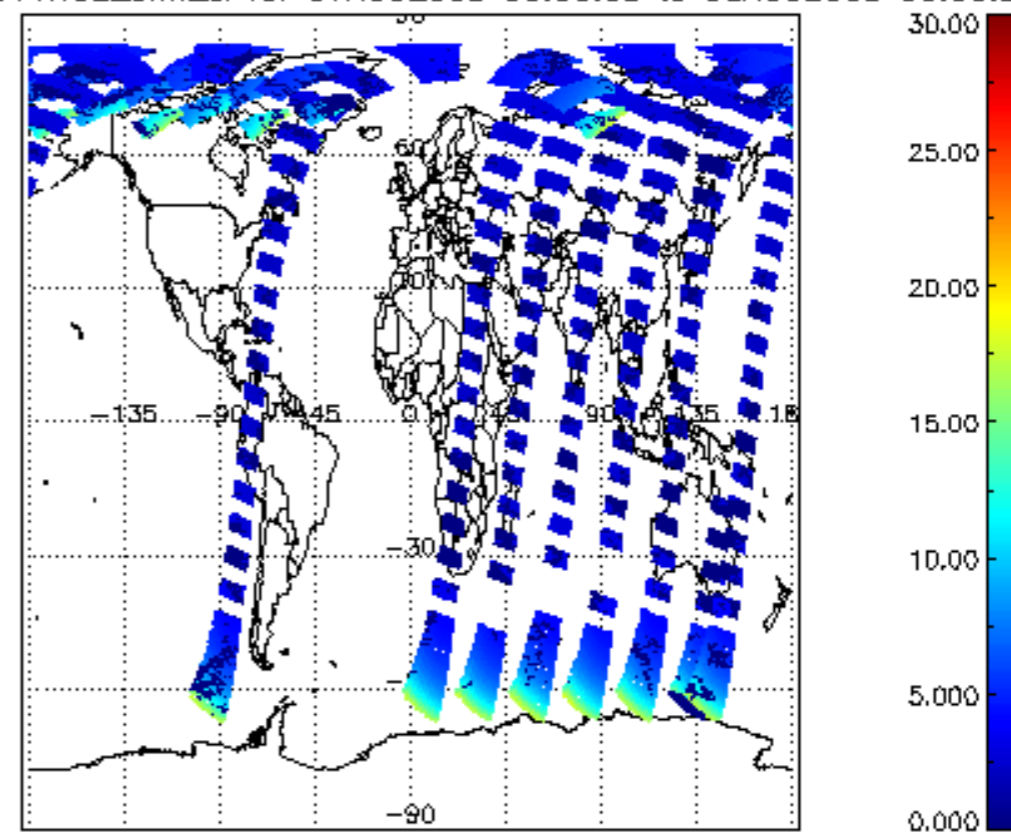
SCIOL2P\_NADUV1NO2\_vcd\_err for 07AUG2009 00:00:00 to 08AUG2009 00:00:00



SCIOL2P\_NADUV1NO2\_amf\_gr for 07AUG2009 00:00:00 to 08AUG2009 00:00:00

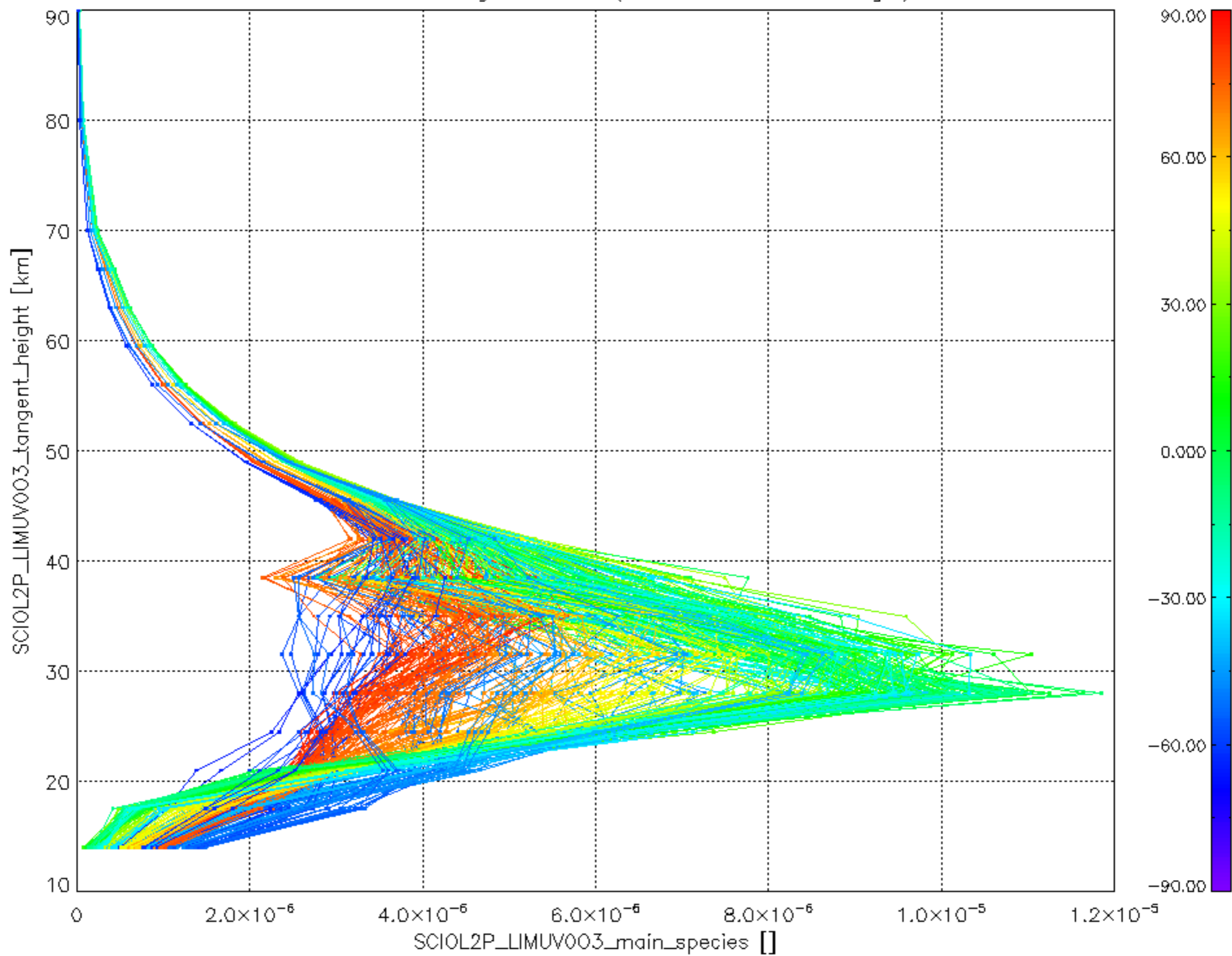


SCIOL2P\_NADUV1NO2\_amf\_cl for 07AUG2009 00:00:00 to 08AUG2009 00:00:00





Plot of SCIOL2P\_LIMUV003\_main\_species.tang\_vmr vs. tangent height.  
 Colours indicate tangent latitude (see colour bar on the right).



Plot of SCIOL2P\_LIMUV1NO2\_main\_species.tang\_vmr vs. tangent height.  
 Colours indicate tangent latitude (see colour bar on the right).

