

GOMOS Level 2 Daily Report

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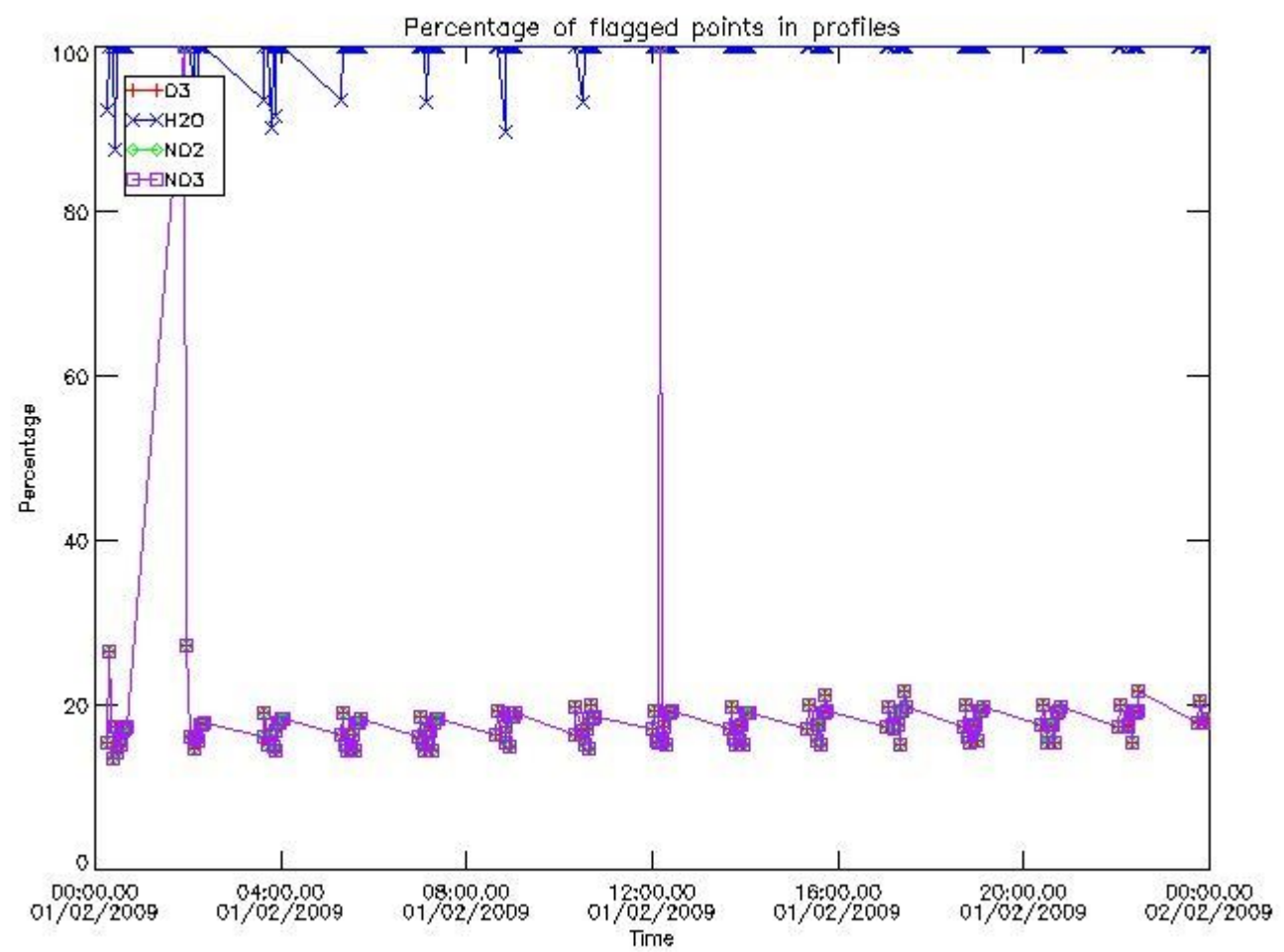
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338	GOM_NL__2PRFIN20090201_222445_000000272076_00087_36213_9530.N1	01-FEB-2009 22:24:45	Dark	27.000	71	lot Car	2.2460	7700.0	54	36213	No
339	GOM_NL__2PRFIN20090201_222629_000000272076_00087_36213_9531.N1	01-FEB-2009 22:26:29	Dark	26.500	46	Del Vel	1.9540	10600.	53	36213	No
340	GOM_NL__2PRFIN20090201_222900_000000262076_00087_36213_9532.N1	01-FEB-2009 22:29:00	Dark	26.000	34	Gam2Vel	1.7930	23000.	52	36213	No
341	GOM_NL__2PRFIN20090201_223105_000000262076_00087_36213_9533.N1	01-FEB-2009 22:31:05	Straylight	25.500	70	Zet Pup	2.2460	39000.	51	36213	No
342	GOM_NL__2PRFIN20090201_223431_000000262076_00087_36213_9534.N1	01-FEB-2009 22:34:31	Straylight	25.500	88	31Eta CMa	2.4480	20000.	51	36213	No
343	GOM_NL__2PRFIN20090201_224409_000000272076_00087_36213_9535.N1	01-FEB-2009 22:44:09	Twilight_stray	27.000	8	10Alp CMi	0.40000	6500.0	54	36213	No
344	GOM_NL__2PRFIN20090201_224738_000000262076_00087_36213_9536.N1	01-FEB-2009 22:47:38	Bright	26.000	44	24Gam Gem	1.9280	11000.	52	36213	No
345	GOM_NL__2PRFIN20090201_224959_000000272076_00087_36213_9537.N1	01-FEB-2009 22:49:59	Bright	26.500	170	27Eps Gem	3.0000	9700.0	53	36213	No
346	GOM_NL__2PRFIN20090201_225150_000000282076_00087_36213_9538.N1	01-FEB-2009 22:51:50	Bright	27.500	24	66Alp Gem	1.5800	10200.	55	36213	No
347	GOM_NL__2PRFIN20090201_230804_000000242076_00087_36213_9539.N1	01-FEB-2009 23:08:04	Twilight_stray	23.500	49	1Alp UMi	1.9900	6300.0	47	36213	No
348	GOM_NL__2PRFIN20090201_231105_000000262076_00087_36213_9540.N1	01-FEB-2009 23:11:05	Twilight_stray	25.500	60	7Bet UMi	2.0810	3950.0	51	36213	No
349	GOM_NL__2PRFIN20090201_231550_000000242076_00087_36213_9541.N1	01-FEB-2009 23:15:50	Twilight_stray	24.000	119	14Eta Dra	2.7270	4700.0	48	36213	No
350	GOM_NL__2PRFIN20090201_231903_000000222076_00087_36213_9542.N1	01-FEB-2009 23:19:03	Twilight_stray	22.000	130	23Bet Dra	2.7990	5800.0	44	36213	No
351	GOM_NL__2PRFIN20090201_232243_000000212076_00087_36213_9543.N1	01-FEB-2009 23:22:43	Twilight_stray	20.500	5	3Alp Lyr	0.033000	11000.	41	36213	No
352	GOM_NL__2PRFIN20090201_233058_000000232076_00087_36213_9544.N1	01-FEB-2009 23:30:58	Twilight_stray	22.500	59	55Alp Oph	2.0800	8900.0	45	36213	No
353	GOM_NL__2PRFIN20090201_233307_000000232076_00087_36213_9545.N1	01-FEB-2009 23:33:07	Twilight_stray	22.500	126	60Bet Oph	2.7700	4250.0	45	36213	No
354	GOM_NL__2PRFIN20090201_233939_000000252076_00087_36213_9546.N1	01-FEB-2009 23:39:39	Twilight_stray	25.000	86	35Eta Oph	2.4300	10200.	50	36213	No
355	GOM_NL__2PRFIN20090201_234401_000000292076_00087_36213_9547.N1	01-FEB-2009 23:44:01	Dark	28.500	16	21Alp Sco	1.0200	3000.0	57	36213	No
356	GOM_NL__2PRFIN20090201_234606_000000252076_00087_36213_9548.N1	01-FEB-2009 23:46:06	Dark	25.000	40	The Sco	1.8590	7100.0	50	36213	No
357	GOM_NL__2PRFIN20090201_235456_000000292076_00088_36214_9540.N1	01-FEB-2009 23:54:56	Dark	28.500	4	Alp1Cen	-0.010000	5800.0	57	36214	No
358	GOM_NL__2PRFIN20090201_235609_000000282076_00088_36214_9541.N1	01-FEB-2009 23:56:09	Dark	28.000	10	Bet Cen	0.61000	28000.	56	36214	No
359	GOM_NL__2PRFIN20090201_235931_000000292076_00088_36214_9542.N1	01-FEB-2009 23:59:31	Dark	28.500	12	Alp1Cru	0.77500	30000.	57	36214	No

3. Quality information per product

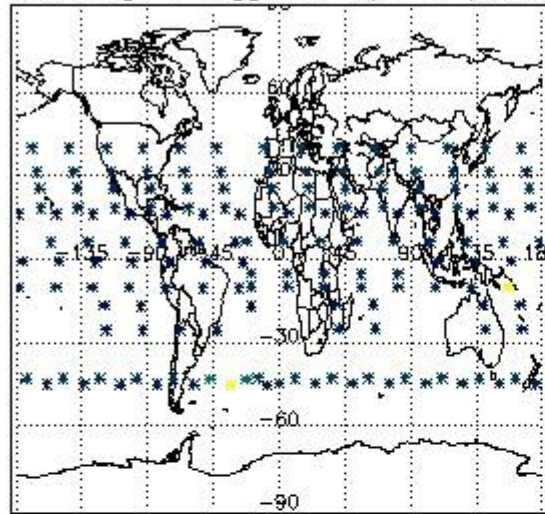
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

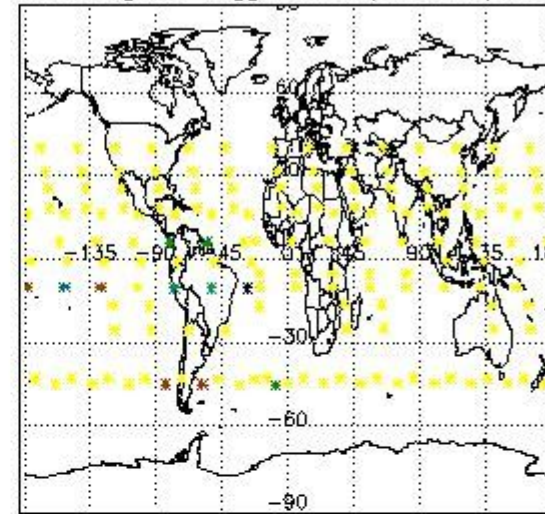


3.2 Plot quality information per product (world map)

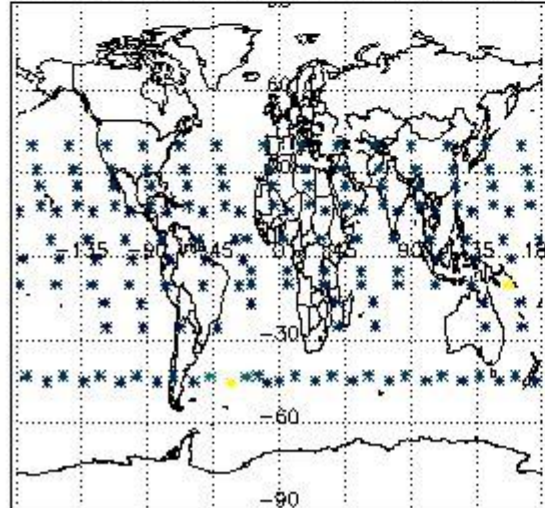
Percentage of flagged data per O3 profile



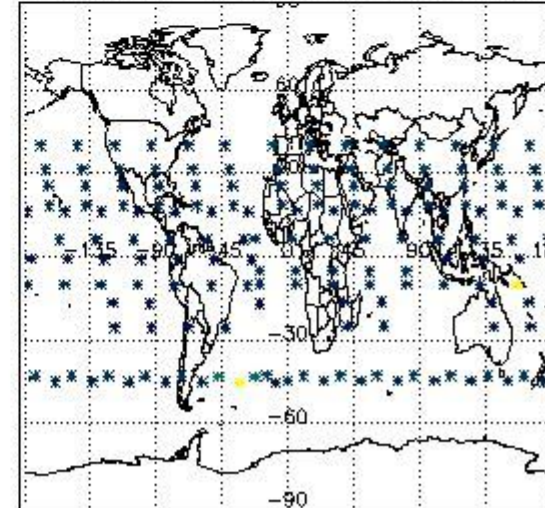
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

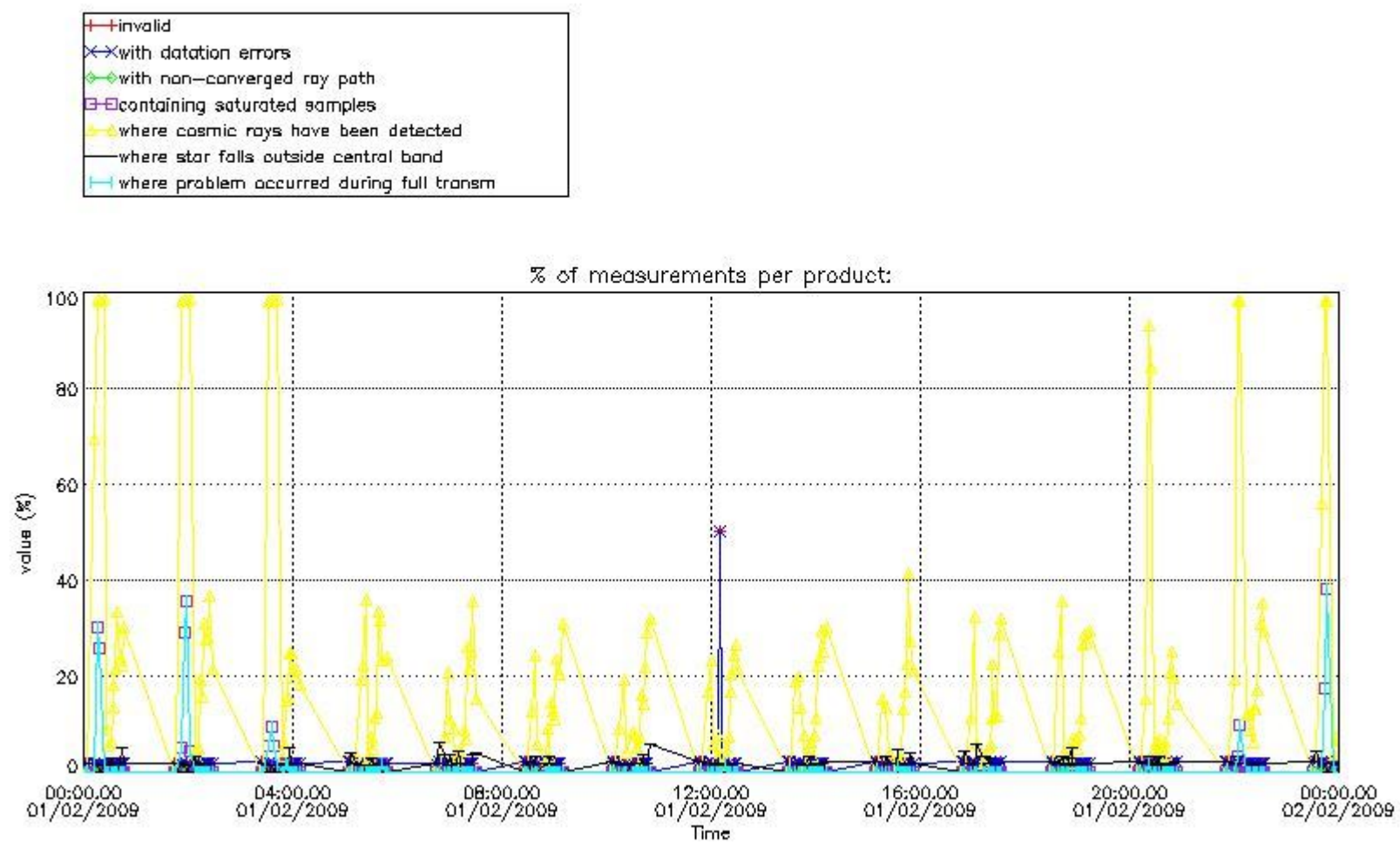


4. Level 1 quality information per product

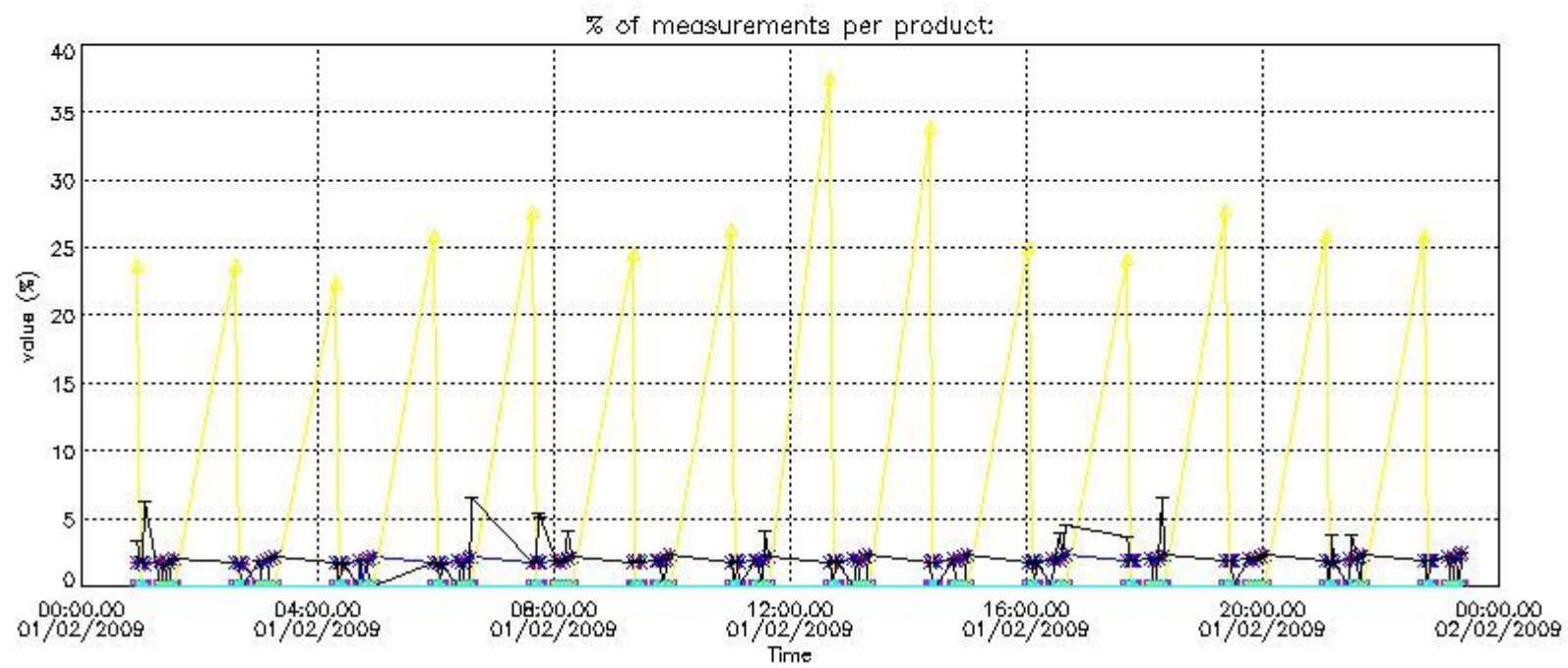
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

4.1 Plot quality information per product (time dependant) coming from level 1b processing

4.1.1 Plot level 1 quality information per product (time dependant): ENVISAT ASCENDING passes

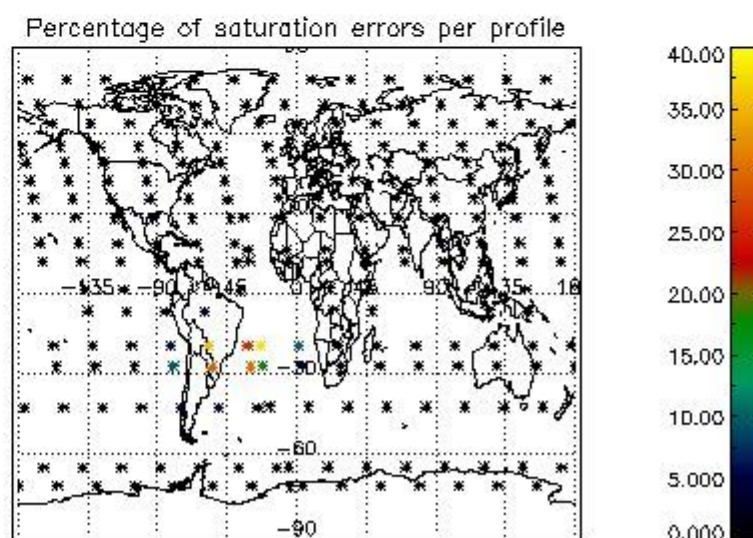
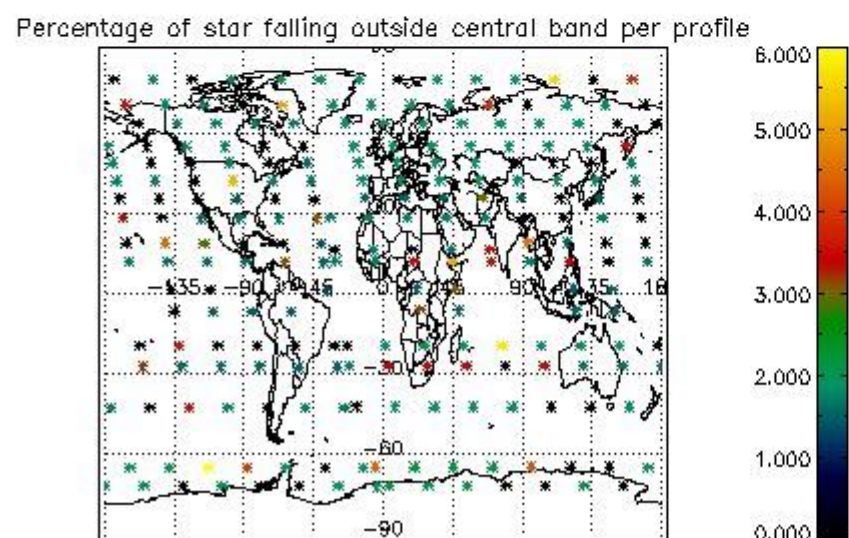
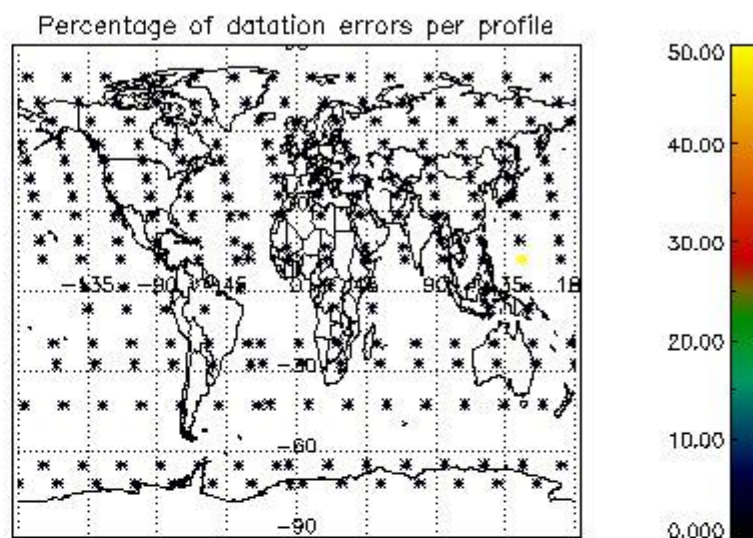
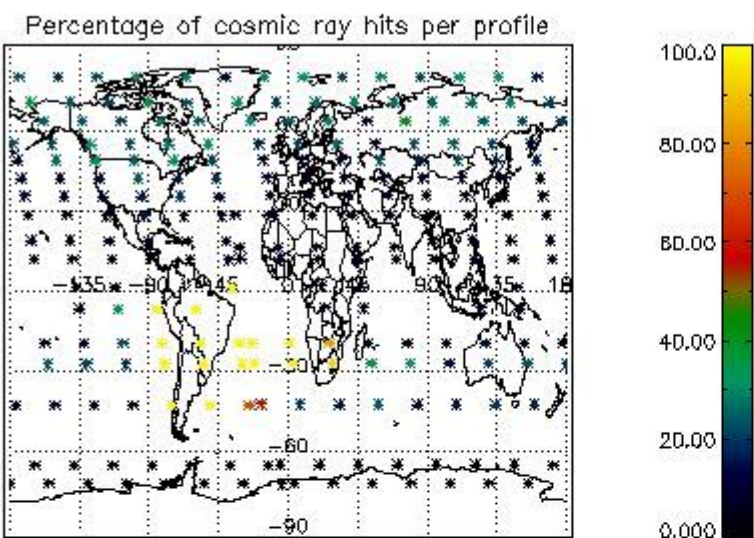


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



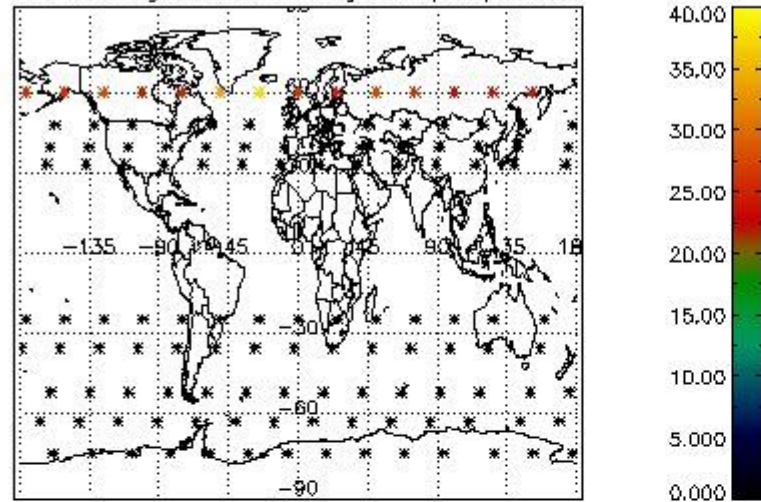
4.2 Plot quality information per product coming from level 1b processing (world map)

4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes

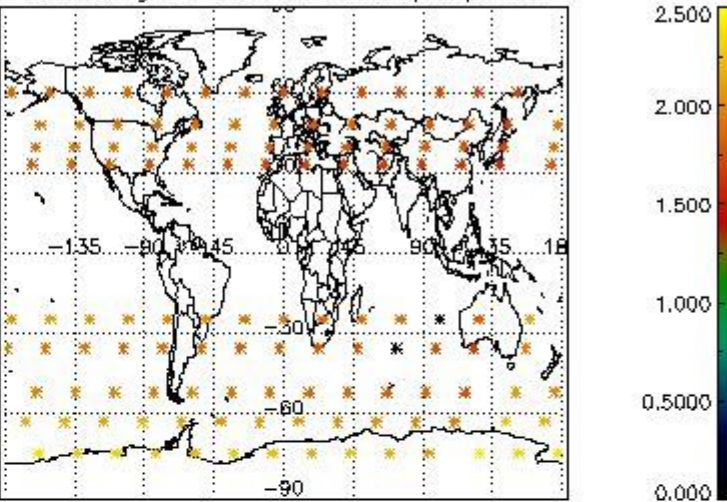


4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes

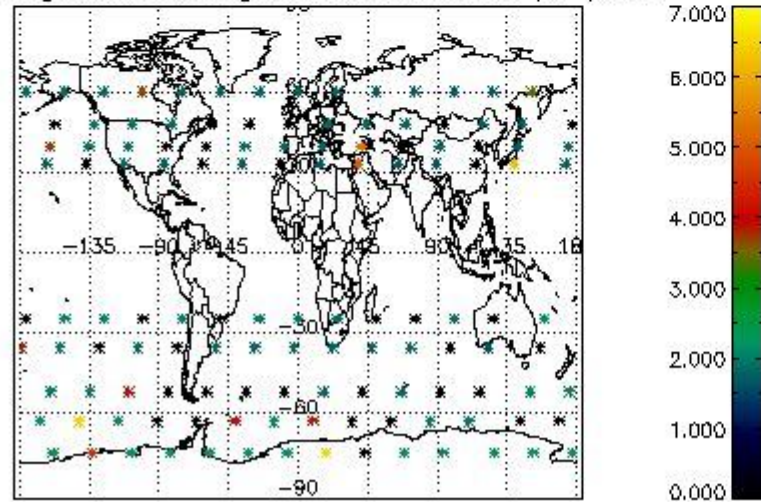
Percentage of cosmic ray hits per profile



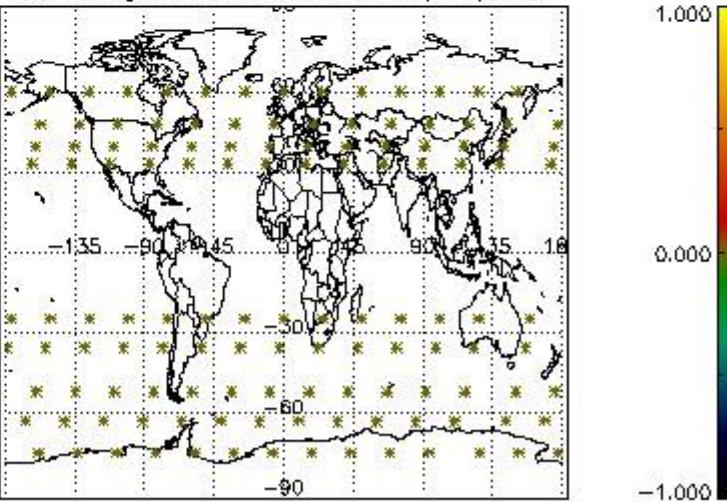
Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

The final quality of the products can be "measured" using the STD (Standard Deviation) attached to every point profile. This information is written to the parameter GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/o3_std of the level 2 products. The table below shows the statistics for given STD ranges.

The statistics are given with respect to the overall valid production:

- Products without fatal errors: GOM_NL__2P/MPH/PRODUCT_ERR=0
- Valid point profile: GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/pcd(0)=0

The 'Criteria' is applied to valid points of dark limb products:

- Products in dark limb illumination condition: GOM_NL__2P/NL_SUMMARY_QUALITY/obs_ill_cond=0
- Products without fatal errors: GOM_NL__2P/MPH/PRODUCT_ERR=0
- Valid point profile: GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/pcd(0)=0

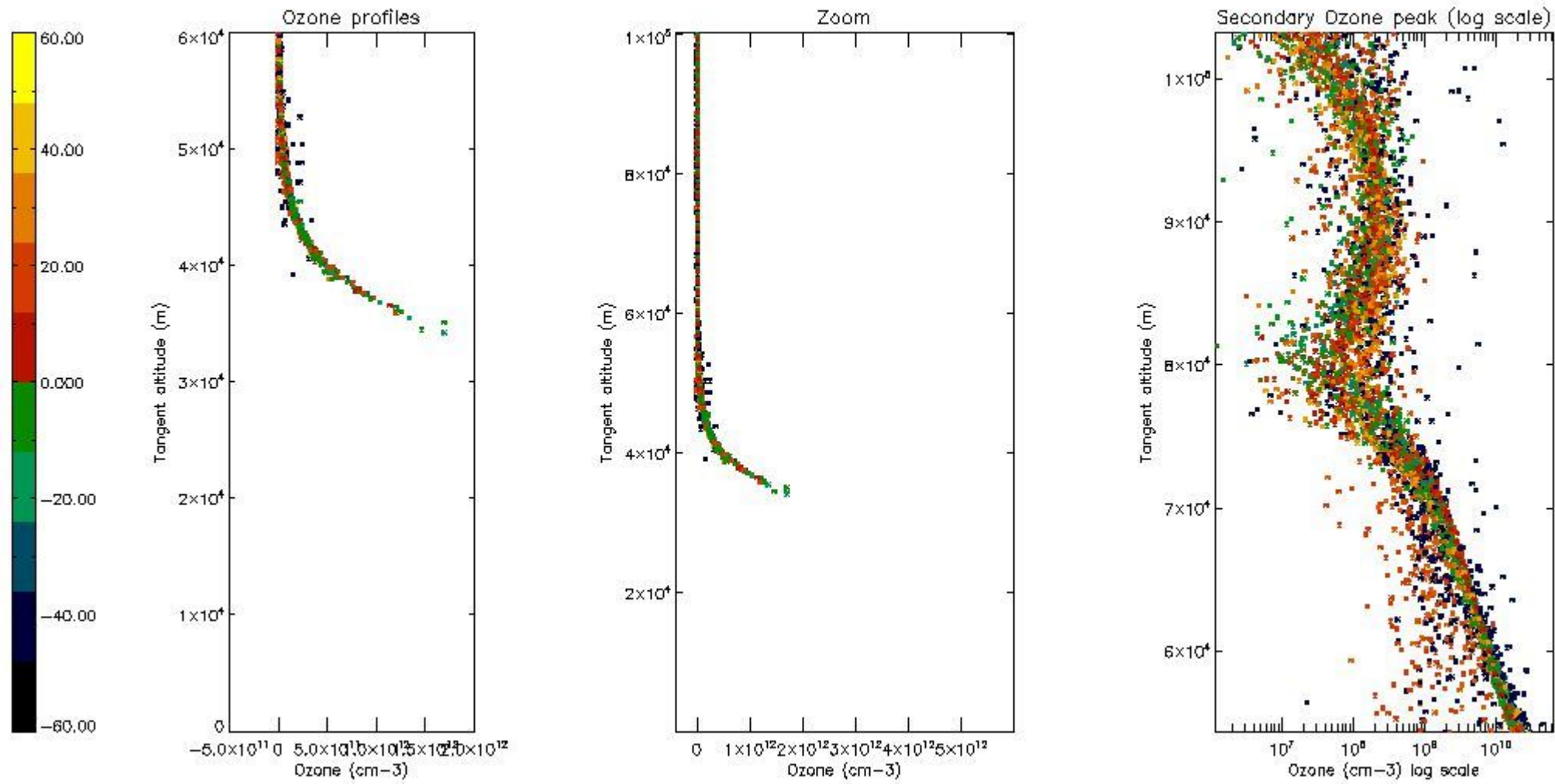
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	48
STD < 20	20

STD < 10	15
STD < 5	12

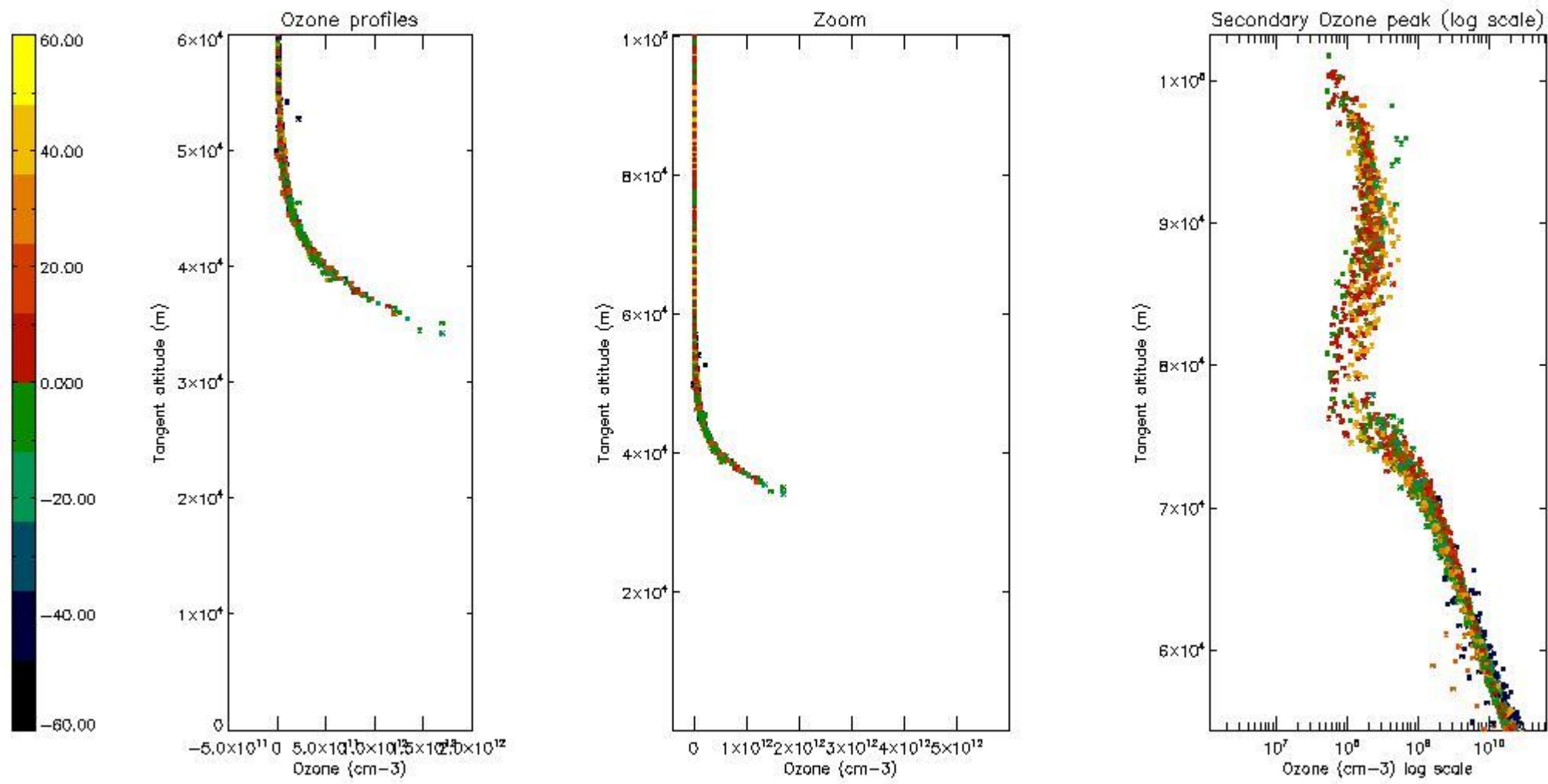
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



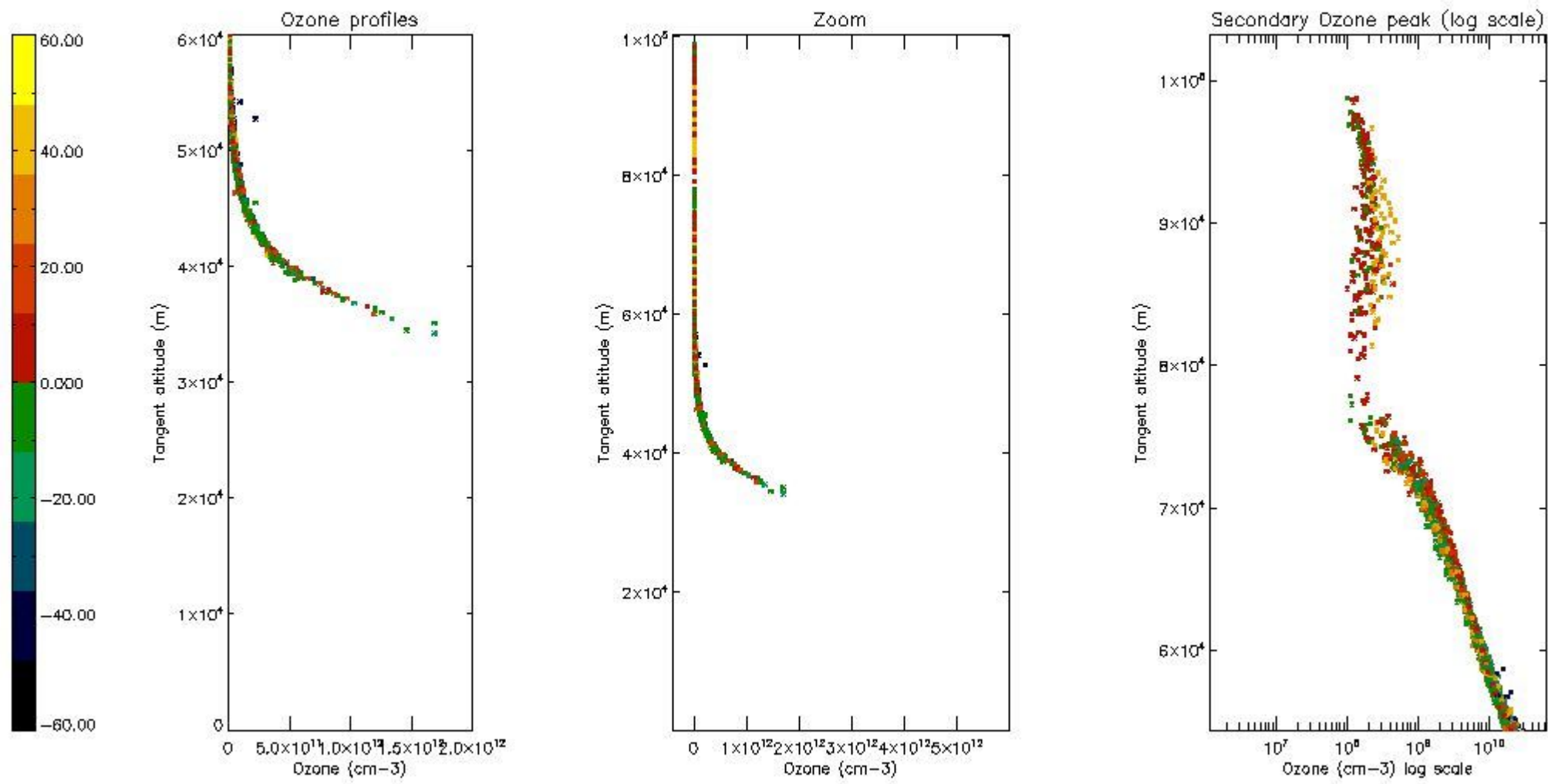
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



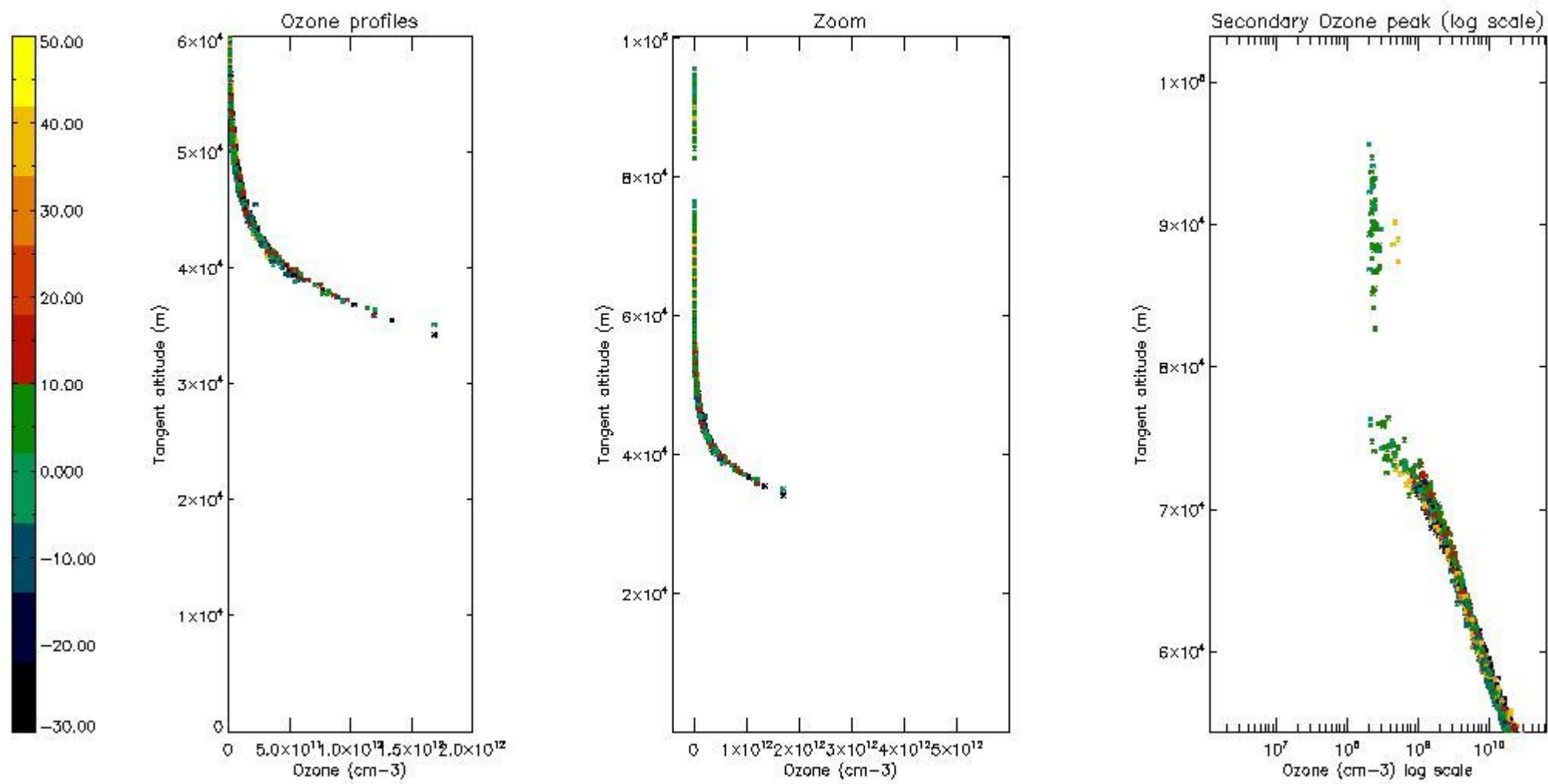
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



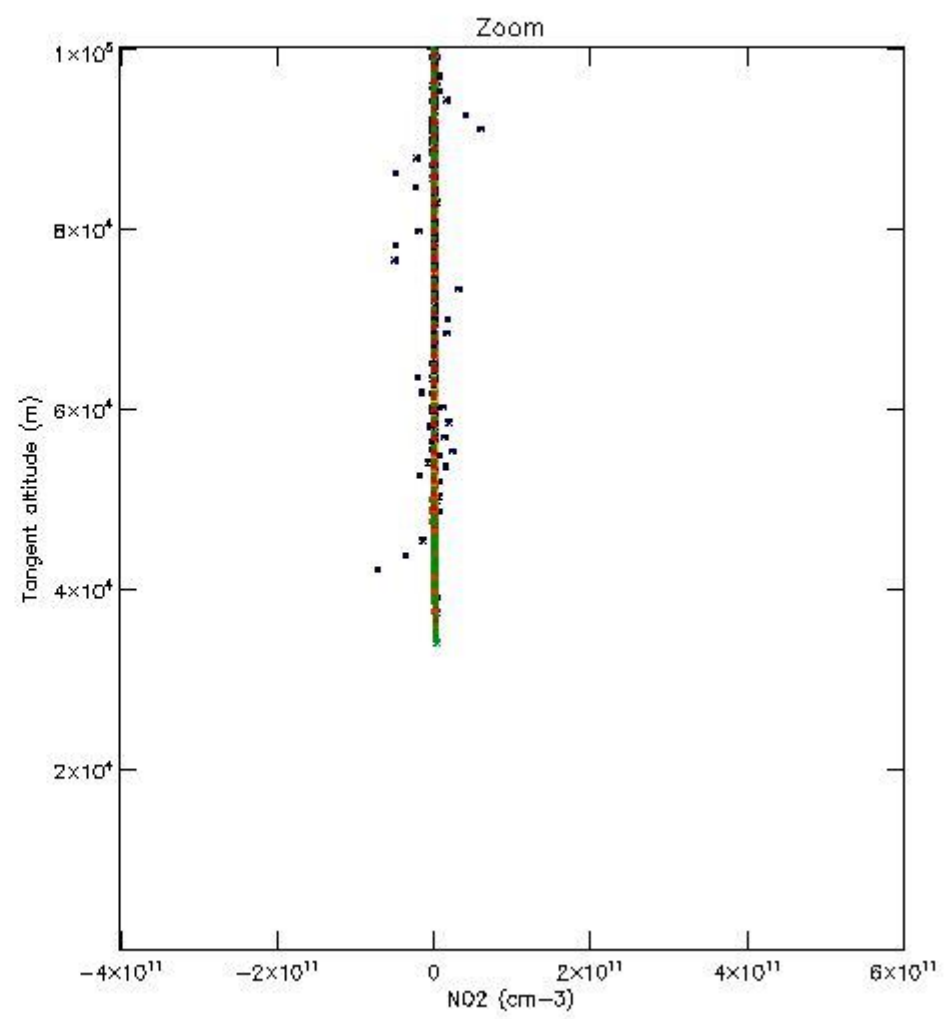
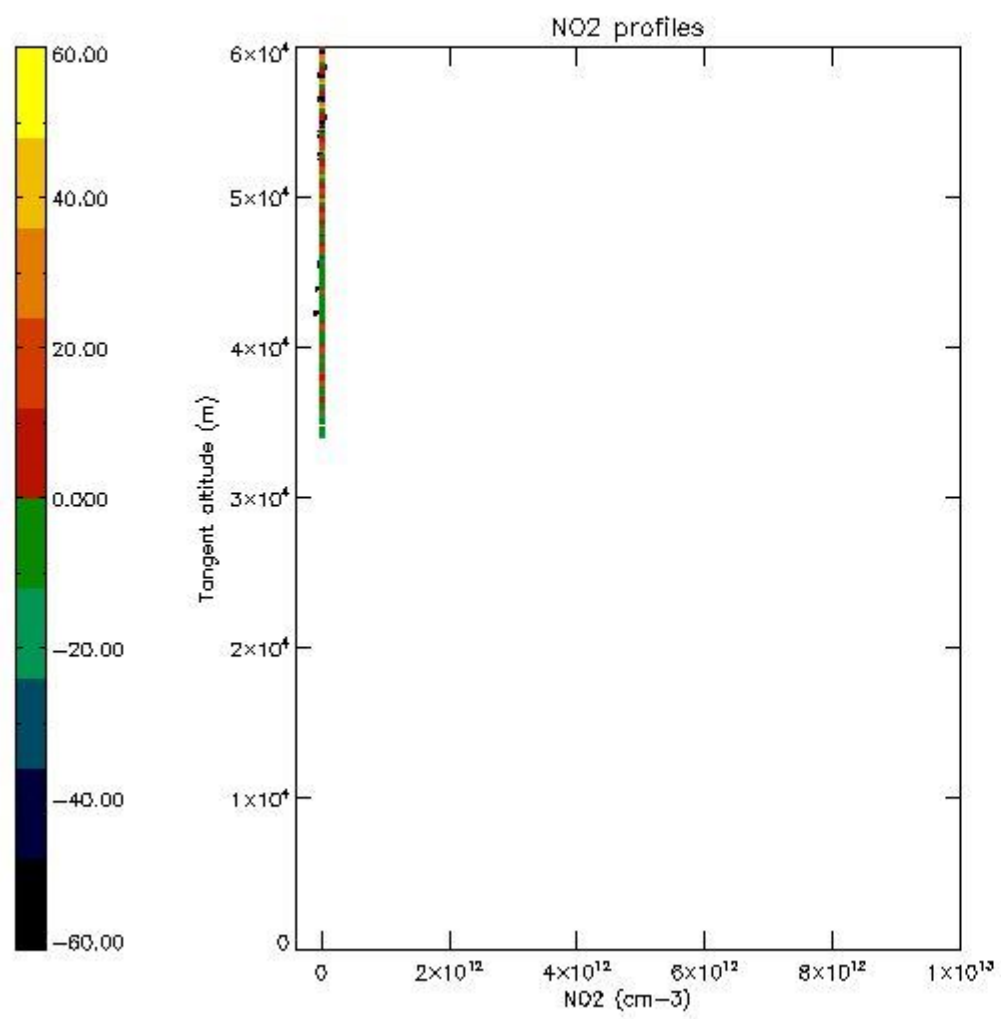
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



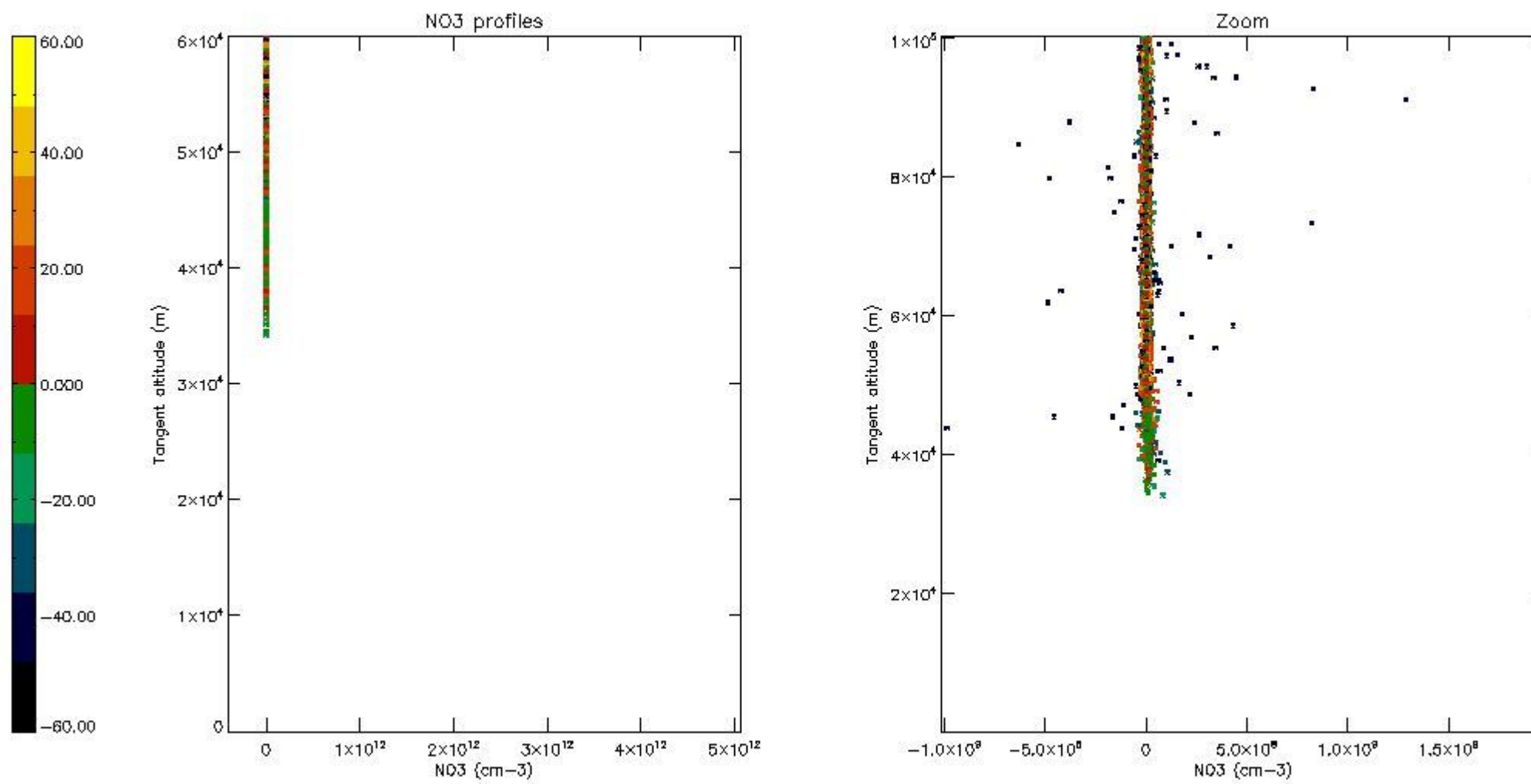
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



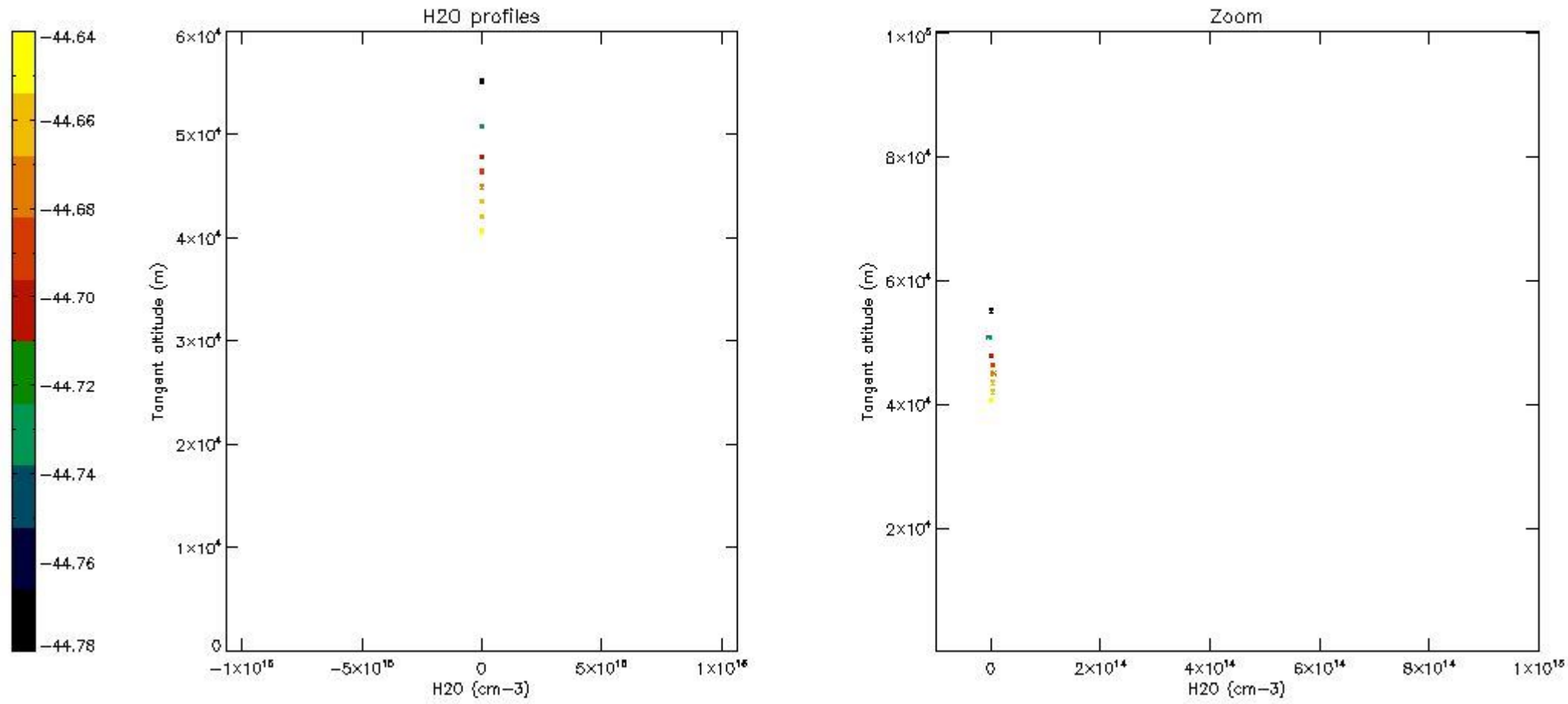
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



5.8 Plot H₂O profiles for all STD (only for occultations of stars 1,2,3,4,13,14,16,26,63 dark without errors)

The colorbar represents the latitude.



6. Auxiliary Data Files used for the production reported in section 2

The number reported in the third column indicates since which file (see list in section 2) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	01-FEB-2009 00:02:31
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	01-FEB-2009 00:02:31
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	01-FEB-2009 00:02:31

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[4.1.1 Plot of level 1 quality information per product \(time dependant\): ASCENDING](#)

[4.1.2 Plot of level 1 quality information per product \(time dependant\): DESCENDING](#)

[4.2 Plot of level 1 quality information per product \(world map\)](#)

[4.2.1 Plot of level 1 quality information per product \(world map\): ASCENDING](#)

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[5.5. Plot ozone profiles where STD < 5% \(dark without errors\)](#)

[5.6 Plot NO2 profiles for all STD \(dark without errors\)](#)

[5.7 Plot NO3 profiles for all STD \(dark without errors\)](#)

[5.8 Plot H2O profiles \(only for occultations of stars 1,2,3,4,13,14,16,26,63 dark without errors\) for all STD](#)

[6. Auxiliary Data Files used for the production reported in section 2](#)

This report presents the daily analysis on parameters extracted from GOMOS level 2 data (GOM_NL__2P). It is intended to monitor some important parameters that will impact the quality of these products. A list of level 2 products (and content) that have arrived during the reporting day to the PCF is also given.

Item	Value
Time of report generation	25APR2013 17:30:30
Data source version	GOMOS/6.01
Start time of products	01-02-2009 (01FEB2009 00:00:00)
Stop time of products	02-02-2009 (02FEB2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	359
Nb of prods with errors	0

2. Summary of processed GOM_NL__2P products.

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20090201_000231_000000272076_00073_36199_9262.N1	01-FEB-2009 00:02:31	Twilight	26.500	59	55Alp Oph	2.0800	8900.0	53	36199	No
2	GOM_NL__2PRFIN20090201_000439_000000272076_00073_36199_9263.N1	01-FEB-2009 00:04:39	Bright	26.500	126	60Bet Oph	2.7700	4250.0	53	36199	No
3	GOM_NL__2PRFIN20090201_001109_000000302076_00073_36199_9264.N1	01-FEB-2009 00:11:09	Twilight	29.500	86	35Eta Oph	2.4300	10200.	59	36199	No
4	GOM_NL__2PRFIN20090201_001528_000000332076_00073_36199_9265.N1	01-FEB-2009 00:15:28	Dark	33.000	16	21Alp Sco	1.0200	3000.0	66	36199	No
5	GOM_NL__2PRFIN20090201_001739_000000292076_00073_36199_9266.N1	01-FEB-2009 00:17:39	Dark	29.000	40	The Sco	1.8590	7100.0	58	36199	No
6	GOM_NL__2PRFIN20090201_002329_000000382076_00074_36200_9301.N1	01-FEB-2009 00:23:29	Dark	37.500	109	Bet Lup	2.6770	26000.	75	36200	No
7	GOM_NL__2PRFIN20090201_002626_000000332076_00074_36200_9302.N1	01-FEB-2009 00:26:26	Dark	32.500	4	Alp1Cen	-0.010000	5800.0	65	36200	No
8	GOM_NL__2PRFIN20090201_002822_000000362076_00074_36200_9303.N1	01-FEB-2009 00:28:22	Dark	36.000	77	Eps Cen	2.3030	28000.	72	36200	No
9	GOM_NL__2PRFIN20090201_003101_000000332076_00074_36200_9304.N1	01-FEB-2009 00:31:01	Dark	32.500	12	Alp1Cru	0.77500	30000.	65	36200	No
10	GOM_NL__2PRFIN20090201_003303_000000372076_00074_36200_9305.N1	01-FEB-2009 00:33:03	Dark	37.000	99	Del Cen	2.5750	26000.	74	36200	No
11	GOM_NL__2PRFIN20090201_003458_000000302076_00074_36200_9306.N1	01-FEB-2009 00:34:58	Dark	30.000	159	Ups Car	2.9200	7200.0	60	36200	No
12	GOM_NL__2PRFIN20090201_003653_000000312076_00074_36200_9307.N1	01-FEB-2009 00:36:53	Dark	30.500	71	lot Car	2.2460	7700.0	61	36200	No
13	GOM_NL__2PRFIN20090201_003838_000000302076_00074_36200_9308.N1	01-FEB-2009 00:38:38	Dark	30.000	46	Del Vel	1.9540	10600.	60	36200	No
14	GOM_NL__2PRFIN20090201_004109_000000302076_00074_36200_9309.N1	01-FEB-2009 00:41:09	Dark	29.500	34	Gam2Vel	1.7930	23000.	59	36200	No
15	GOM_NL__2PRFIN20090201_004314_000000302076_00074_36200_9310.N1	01-FEB-2009 00:43:14	Straylight	29.500	70	Zet Pup	2.2460	39000.	59	36200	No
16	GOM_NL__2PRFIN20090201_004642_000000282076_00074_36200_9311.N1	01-FEB-2009 00:46:42	Straylight	28.000	88	31Eta CMa	2.4480	20000.	56	36200	No
17	GOM_NL__2PRFIN20090201_005622_000000302076_00074_36200_9312.N1	01-FEB-2009 00:56:22	Twilight	29.500	8	10Alp CMi	0.40000	6500.0	59	36200	No
18	GOM_NL__2PRFIN20090201_005948_000000302076_00074_36200_9313.N1	01-FEB-2009 00:59:48	Bright	29.500	44	24Gam Gem	1.9280	11000.	59	36200	No
19	GOM_NL__2PRFIN20090201_010210_000000292076_00074_36200_9314.N1	01-FEB-2009 01:02:10	Bright	29.000	170	27Eps Gem	3.0000	9700.0	58	36200	No
20	GOM_NL__2PRFIN20090201_010404_000000322076_00074_36200_9315.N1	01-FEB-2009 01:04:04	Bright	32.000	24	66Alp Gem	1.5800	10200.	64	36200	No
21	GOM_NL__2PRFIN20090201_012016_000000282076_00074_36200_9316.N1	01-FEB-2009 01:20:16	Bright	27.500	49	1Alp UMi	1.9900	6300.0	55	36200	No
22	GOM_NL__2PRFIN20090201_012321_000000302076_00074_36200_9317.N1	01-FEB-2009 01:23:21	Bright	30.000	60	7Bet UMi	2.0810	3950.0	60	36200	No
23	GOM_NL__2PRFIN20090201_012804_000000292076_00074_36200_9318.N1	01-FEB-2009 01:28:04	Twilight	28.500	119	14Eta Dra	2.7270	4700.0	57	36200	No
24	GOM_NL__2PRFIN20090201_013116_000000262076_00074_36200_9319.N1	01-FEB-2009 01:31:16	Twilight	25.500	130	23Bet Dra	2.7990	5800.0	51	36200	No
25	GOM_NL__2PRFIN20090201_013454_000000242076_00074_36200_9320.N1	01-FEB-2009 01:34:54	Twilight	24.000	5	3Alp Lyr	0.033000	11000.	48	36200	No
26	GOM_NL__2PRFIN20090201_014307_000000272076_00074_36200_9321.N1	01-FEB-2009 01:43:07	Twilight	26.500	59	55Alp Oph	2.0800	8900.0	53	36200	No
27	GOM_NL__2PRFIN20090201_014515_000000262076_00074_36200_9322.N1	01-FEB-2009 01:45:15	Twilight	26.000	126	60Bet Oph	2.7700	4250.0	52	36200	No
28	GOM_NL__2PRFIN20090201_015145_000000292076_00074_36200_9323.N1	01-FEB-2009 01:51:45	Twilight	29.000	86	35Eta Oph	2.4300	10200.	58	36200	No
29	GOM_NL__2PRFIN20090201_015604_000000332076_00074_36200_9324.N1	01-FEB-2009 01:56:04	Dark	32.500	16	21Alp Sco	1.0200	3000.0	65	36200	No
30	GOM_NL__2PRFIN20090201_015815_000000282076_00074_36200_9325.N1	01-FEB-2009 01:58:15	Dark	28.000	40	The Sco	1.8590	7100.0	56	36200	No
31	GOM_NL__2PRFIN20090201_020152_000000352076_00074_36200_9326.N1	01-FEB-2009 02:01:52	Dark	34.500	131	Gam Lup	2.8000	26000.	69	36200	No
32	GOM_NL__2PRFIN20090201_020702_000000322076_00075_36201_9319.N1	01-FEB-2009 02:07:02	Dark	32.000	4	Alp1Cen	-0.010000	5800.0	64	36201	No
33	GOM_NL__2PRFIN20090201_020900_000000352076_00075_36201_9320.N1	01-FEB-2009 02:09:00	Dark	34.500	77	Eps Cen	2.3030	28000.	69	36201	No
34	GOM_NL__2PRFIN20090201_021138_000000322076_00075_36201_9321.N1	01-FEB-2009 02:11:38	Dark	31.500	12	Alp1Cru	0.77500	30000.	63	36201	No
35	GOM_NL__2PRFIN20090201_021340_000000362076_00075_36201_9322.N1	01-FEB-2009 02:13:40	Dark	36.000	99	Del Cen	2.5750	26000.	72	36201	No
36	GOM_NL__2PRFIN20090201_021535_000000292076_00075_36201_9323.N1	01-FEB-2009 02:15:35	Dark	29.000	159	Ups Car	2.9200	7200.0	58	36201	No
37	GOM_NL__2PRFIN20090201_021730_000000292076_00075_36201_9324.N1	01-FEB-2009 02:17:30	Dark	29.000	71	lot Car	2.2460	7700.0	58	36201	No
38	GOM_NL__2PRFIN20090201_021914_000000292076_00075_36201_9325.N1	01-FEB-2009 02:19:14	Dark	29.000	46	Del Vel	1.9540	10600.	58	36201	No
39	GOM_NL__2PRFIN20090201_022146_000000292076_00075_36201_9326.N1	01-FEB-2009 02:21:46	Dark	28.500	34	Gam2Vel	1.7930	23000.	57	36201	No
40	GOM_NL__2PRFIN20090201_022351_000000292076_00075_36201_9327.N1	01-FEB-2009 02:23:51	Straylight	28.500	70	Zet Pup	2.2460	39000.	57	36201	No
41	GOM_NL__2PRFIN20090201_022717_000000282076_00075_36201_9328.N1	01-FEB-2009 02:27:17	Straylight	28.000	88	31Eta CMa	2.4480	20000.	56	36201	No
42	GOM_NL__2PRFIN20090201_023658_000000302076_00075_36201_9329.N1	01-FEB-2009 02:36:58	Twilight	29.500	8	10Alp CMi	0.40000	6500.0	59	36201	No

102	GOM_NL__2PRFIN20090201_064456_000000262076_00077_36203_9369.N1	01-FEB-2009 06:44:56	Twi_and_stray	25.500	59	55Alp Oph	2.0800	8900.0	51	36203	No
103	GOM_NL__2PRFIN20090201_064705_000000252076_00077_36203_9370.N1	01-FEB-2009 06:47:05	Twi_and_stray	25.000	126	60Bet Oph	2.7700	4250.0	50	36203	No
104	GOM_NL__2PRFIN20090201_065334_000000282076_00077_36203_9371.N1	01-FEB-2009 06:53:34	Twi_and_stray	28.000	86	35Eta Oph	2.4300	10200.	56	36203	No
105	GOM_NL__2PRFIN20090201_065754_000000322076_00077_36203_9372.N1	01-FEB-2009 06:57:54	Dark	31.500	16	21Alp Sco	1.0200	3000.0	63	36203	No
106	GOM_NL__2PRFIN20090201_070004_000000282076_00077_36203_9373.N1	01-FEB-2009 07:00:04	Dark	27.500	40	The Sco	1.8590	7100.0	55	36203	No
107	GOM_NL__2PRFIN20090201_070343_000000332076_00077_36203_9374.N1	01-FEB-2009 07:03:43	Dark	33.000	131	Gam Lup	2.8000	26000.	66	36203	No
108	GOM_NL__2PRFIN20090201_070557_000000352076_00078_36204_9363.N1	01-FEB-2009 07:05:57	Dark	35.000	109	Bet Lup	2.6770	26000.	70	36204	No
109	GOM_NL__2PRFIN20090201_070852_000000312076_00078_36204_9364.N1	01-FEB-2009 07:08:52	Dark	30.500	4	Alp1Cen	-0.010000	5800.0	61	36204	No
110	GOM_NL__2PRFIN20090201_071050_000000342076_00078_36204_9365.N1	01-FEB-2009 07:10:50	Dark	33.500	77	Eps Cen	2.3030	28000.	67	36204	No
111	GOM_NL__2PRFIN20090201_071327_000000312076_00078_36204_9366.N1	01-FEB-2009 07:13:27	Dark	30.500	12	Alp1Cru	0.77500	30000.	61	36204	No
112	GOM_NL__2PRFIN20090201_071530_000000352076_00078_36204_9367.N1	01-FEB-2009 07:15:30	Dark	35.000	99	Del Cen	2.5750	26000.	70	36204	No
113	GOM_NL__2PRFIN20090201_071724_000000292076_00078_36204_9368.N1	01-FEB-2009 07:17:24	Dark	28.500	159	Ups Car	2.9200	7200.0	57	36204	No
114	GOM_NL__2PRFIN20090201_071919_000000292076_00078_36204_9369.N1	01-FEB-2009 07:19:19	Dark	28.500	71	lot Car	2.2460	7700.0	57	36204	No
115	GOM_NL__2PRFIN20090201_072103_000000282076_00078_36204_9370.N1	01-FEB-2009 07:21:03	Dark	28.000	46	Del Vel	1.9540	10600.	56	36204	No
116	GOM_NL__2PRFIN20090201_072334_000000282076_00078_36204_9371.N1	01-FEB-2009 07:23:34	Dark	28.000	34	Gam2Vel	1.7930	23000.	56	36204	No
117	GOM_NL__2PRFIN20090201_072539_000000282076_00078_36204_9372.N1	01-FEB-2009 07:25:39	Straylight	28.000	70	Zet Pup	2.2460	39000.	56	36204	No
118	GOM_NL__2PRFIN20090201_072907_000000262076_00078_36204_9373.N1	01-FEB-2009 07:29:07	Straylight	26.000	88	31Eta CMa	2.4480	20000.	52	36204	No
119	GOM_NL__2PRFIN20090201_073845_000000292076_00078_36204_9374.N1	01-FEB-2009 07:38:45	Twi_and_stray	29.000	8	10Alp CMi	0.40000	6500.0	58	36204	No
120	GOM_NL__2PRFIN20090201_074214_000000272076_00078_36204_9375.N1	01-FEB-2009 07:42:14	Bright	27.000	44	24Gam Gem	1.9280	11000.	54	36204	No
121	GOM_NL__2PRFIN20090201_074435_000000282076_00078_36204_9376.N1	01-FEB-2009 07:44:35	Bright	28.000	170	27Eps Gem	3.0000	9700.0	56	36204	No
122	GOM_NL__2PRFIN20090201_074628_000000302076_00078_36204_9377.N1	01-FEB-2009 07:46:28	Bright	29.500	24	66Alp Gem	1.5800	10200.	59	36204	No
123	GOM_NL__2PRFIN20090201_080240_000000272076_00078_36204_9378.N1	01-FEB-2009 08:02:40	Bright	26.500	49	1Alp UMi	1.9900	6300.0	53	36204	No
124	GOM_NL__2PRFIN20090201_080544_000000282076_00078_36204_9379.N1	01-FEB-2009 08:05:44	Bright	28.000	60	7Bet UMi	2.0810	3950.0	56	36204	No
125	GOM_NL__2PRFIN20090201_081028_000000272076_00078_36204_9380.N1	01-FEB-2009 08:10:28	Twi_and_stray	27.000	119	14Eta Dra	2.7270	4700.0	54	36204	No
126	GOM_NL__2PRFIN20090201_081339_000000252076_00078_36204_9381.N1	01-FEB-2009 08:13:39	Twi_and_stray	24.500	130	23Bet Dra	2.7990	5800.0	49	36204	No
127	GOM_NL__2PRFIN20090201_081718_000000232076_00078_36204_9382.N1	01-FEB-2009 08:17:18	Twi_and_stray	22.500	5	3Alp Lyr	0.033000	11000.	45	36204	No
128	GOM_NL__2PRFIN20090201_082532_000000252076_00078_36204_9383.N1	01-FEB-2009 08:25:32	Twi_and_stray	24.500	59	55Alp Oph	2.0800	8900.0	49	36204	No
129	GOM_NL__2PRFIN20090201_082741_000000252076_00078_36204_9384.N1	01-FEB-2009 08:27:41	Twi_and_stray	24.500	126	60Bet Oph	2.7700	4250.0	49	36204	No
130	GOM_NL__2PRFIN20090201_083411_000000282076_00078_36204_9385.N1	01-FEB-2009 08:34:11	Twi_and_stray	27.500	86	35Eta Oph	2.4300	10200.	55	36204	No
131	GOM_NL__2PRFIN20090201_083831_000000312076_00078_36204_9386.N1	01-FEB-2009 08:38:31	Dark	31.000	16	21Alp Sco	1.0200	3000.0	62	36204	No
132	GOM_NL__2PRFIN20090201_084041_000000272076_00078_36204_9387.N1	01-FEB-2009 08:40:41	Dark	26.500	40	The Sco	1.8590	7100.0	53	36204	No
133	GOM_NL__2PRFIN20090201_084929_000000302076_00079_36205_9382.N1	01-FEB-2009 08:49:29	Dark	29.500	4	Alp1Cen	-0.010000	5800.0	59	36205	No
134	GOM_NL__2PRFIN20090201_085127_000000332076_00079_36205_9383.N1	01-FEB-2009 08:51:27	Dark	33.000	77	Eps Cen	2.3030	28000.	66	36205	No
135	GOM_NL__2PRFIN20090201_085404_000000302076_00079_36205_9384.N1	01-FEB-2009 08:54:04	Dark	29.500	12	Alp1Cru	0.77500	30000.	59	36205	No
136	GOM_NL__2PRFIN20090201_085607_000000342076_00079_36205_9385.N1	01-FEB-2009 08:56:07	Dark	34.000	99	Del Cen	2.5750	26000.	68	36205	No
137	GOM_NL__2PRFIN20090201_085800_000000282076_00079_36205_9386.N1	01-FEB-2009 08:58:00	Dark	27.500	159	Ups Car	2.9200	7200.0	55	36205	No
138	GOM_NL__2PRFIN20090201_085955_000000282076_00079_36205_9387.N1	01-FEB-2009 08:59:55	Dark	27.500	71	lot Car	2.2460	7700.0	55	36205	No
139	GOM_NL__2PRFIN20090201_090140_000000282076_00079_36205_9388.N1	01-FEB-2009 09:01:40	Dark	27.500	46	Del Vel	1.9540	10600.	55	36205	No
140	GOM_NL__2PRFIN20090201_090411_000000272076_00079_36205_9389.N1	01-FEB-2009 09:04:11	Dark	27.000	34	Gam2Vel	1.7930	23000.	54	36205	No
141	GOM_NL__2PRFIN20090201_090616_000000272076_00079_36205_9390.N1	01-FEB-2009 09:06:16	Straylight	27.000	70	Zet Pup	2.2460	39000.	54	36205	No
142	GOM_NL__2PRFIN20090201_090942_000000262076_00079_36205_9391.N1	01-FEB-2009 09:09:42	Straylight	26.000	88	31Eta CMa	2.4480	20000.	52	36205	No
143	GOM_NL__2PRFIN20090201_091922_000000292076_00079_36205_9392.N1	01-FEB-2009 09:19:22	Twi_and_stray	28.500	8	10Alp CMi	0.40000	6500.0	57	36205	No
144	GOM_NL__2PRFIN20090201_092250_000000282076_00079_36205_9393.N1	01-FEB-2009 09:22:50	Bright	27.500	44	24Gam Gem	1.9280	11000.	55	36205	No
145	GOM_NL__2PRFIN20090201_092511_000000282076_00079_36205_9394.N1	01-FEB-2009 09:25:11	Bright	27.500	170	27Eps Gem	3.0000	9700.0	55	36205	No
146	GOM_NL__2PRFIN20090201_092704_000000302076_00079_36205_9395.N1	01-FEB-2009 09:27:04	Bright	29.500	24	66Alp Gem	1.5800	10200.	59	36205	No
147	GOM_NL__2PRFIN20090201_094316_000000262076_00079_36205_9396.N1	01-FEB-2009 09:43:16	Bright	26.000	49	1Alp UMi	1.9900	6300.0	52	36205	No
148	GOM_NL__2PRFIN20090201_094620_000000282076_00079_36205_9397.N1	01-FEB-2009 09:46:20	Twi_and_stray	27.500	60	7Bet UMi	2.0810	3950.0	55	36205	No
149	GOM_NL__2PRFIN20090201_095104_000000262076_00079_36205_9398.N1	01-FEB-2009 09:51:04	Twi_and_stray	26.000	119	14Eta Dra	2.7270	4700.0	52	36205	No
150	GOM_NL__2PRFIN20090201_095415_000000242076_00079_36205_9399.N1	01-FEB-2009 09:54:15	Twi_and_stray	24.000	130	23Bet Dra	2.7990	5800.0	48	36205	No
151	GOM_NL__2PRFIN20090201_095755_000000222076_00079_36205_9400.N1	01-FEB-2009 09:57:55	Twi_and_stray	22.000	5	3Alp Lyr	0.033000	11000.	44	36205	No
152	GOM_NL__2PRFIN20090201_100609_000000252076_00079_36205_9401.N1	01-FEB-2009 10:06:09	Twi_and_stray	24.500	59	55Alp Oph	2.0800	8900.0	49	36205	No
153	GOM_NL__2PRFIN20090201_100817_000000252076_00079_36205_9402.N1	01-FEB-2009 10:08:17	Twi_and_stray	24.500	126	60Bet Oph	2.7700	4250.0	49	36205	No
154	GOM_NL__2PRFIN20090201_101447_000000282076_00079_36205_9403.N1	01-FEB-2009 10:14:47	Twi_and_stray	28.000	86	35Eta Oph	2.4300	10200.	56	36205	No
155	GOM_NL__2PRFIN20090201_101908_000000312076_00079_36205_9404.N1	01-FEB-2009 10:19:08	Dark	31.000	16	21Alp Sco	1.0200	3000.0	62	36205	No
156	GOM_NL__2PRFIN20090201_102117_000000262076_00079_36205_9405.N1	01-FEB-2009 10:21:17	Dark	26.000	40	The Sco	1.8590	7100.0	52	36205	No
157	GOM_NL__2PRFIN20090201_103004_000000312076_00080_36206_9396.N1	01-FEB-2009 10:30:04	Dark	30.500	4	Alp1Cen	-0.010000	5800.0	61	36206	No
158	GOM_NL__2PRFIN20090201_103203_000000342076_00080_36206_9397.N1	01-FEB-2009 10:32:03	Dark	33.500	77	Eps Cen	2.3030	28000.	67	36206	No
159	GOM_NL__2PRFIN20090201_103440_000000302076_00080_36206_9398.N1	01-FEB-2009 10:34:40	Dark	30.000	12	Alp1Cru	0.77500	30000.	60	36206	No
160	GOM_NL__2PRFIN20090201_103644_000000352076_00080_36206_9399.N1	01-FEB-2009 10:36:44	Dark	34.500	99	Del Cen	2.5750	26000.	69	36206	No

161	GOM_NL__2PRFIN20090201_103836_000000282076_00080_36206_9400.N1	01-FEB-2009 10:38:36	Dark	28.000	159	Ups Car	2.9200	7200.0	56	36206	No
162	GOM_NL__2PRFIN20090201_104031_000000282076_00080_36206_9401.N1	01-FEB-2009 10:40:31	Dark	28.000	71	lot Car	2.2460	7700.0	56	36206	No
163	GOM_NL__2PRFIN20090201_104215_000000282076_00080_36206_9402.N1	01-FEB-2009 10:42:15	Dark	28.000	46	Del Vel	1.9540	10600.	56	36206	No
164	GOM_NL__2PRFIN20090201_104446_000000282076_00080_36206_9403.N1	01-FEB-2009 10:44:46	Dark	27.500	34	Gam2Vel	1.7930	23000.	55	36206	No
165	GOM_NL__2PRFIN20090201_104652_000000282076_00080_36206_9404.N1	01-FEB-2009 10:46:52	Straylight	27.500	70	Zet Pup	2.2460	39000.	55	36206	No
166	GOM_NL__2PRFIN20090201_105018_000000272076_00080_36206_9405.N1	01-FEB-2009 10:50:18	Straylight	26.500	88	31Eta CMa	2.4480	20000.	53	36206	No
167	GOM_NL__2PRFIN20090201_105957_000000292076_00080_36206_9406.N1	01-FEB-2009 10:59:57	Tw_i_and_stray	28.500	8	10Alp CMI	0.40000	6500.0	57	36206	No
168	GOM_NL__2PRFIN20090201_110326_000000272076_00080_36206_9407.N1	01-FEB-2009 11:03:26	Bright	27.000	44	24Gam Gem	1.9280	11000.	54	36206	No
169	GOM_NL__2PRFIN20090201_110547_000000282076_00080_36206_9408.N1	01-FEB-2009 11:05:47	Bright	27.500	170	27Eps Gem	3.0000	9700.0	55	36206	No
170	GOM_NL__2PRFIN20090201_110739_000000292076_00080_36206_9409.N1	01-FEB-2009 11:07:39	Bright	29.000	24	66Alp Gem	1.5800	10200.	58	36206	No
171	GOM_NL__2PRFIN20090201_112352_000000262076_00080_36206_9410.N1	01-FEB-2009 11:23:52	Bright	26.000	49	1Alp UMi	1.9900	6300.0	52	36206	No
172	GOM_NL__2PRFIN20090201_112655_000000282076_00080_36206_9411.N1	01-FEB-2009 11:26:55	Tw_i_and_stray	27.500	60	7Bet UMi	2.0810	3950.0	55	36206	No
173	GOM_NL__2PRFIN20090201_113139_000000262076_00080_36206_9412.N1	01-FEB-2009 11:31:39	Tw_i_and_stray	26.000	119	14Eta Dra	2.7270	4700.0	52	36206	No
174	GOM_NL__2PRFIN20090201_113451_000000252076_00080_36206_9413.N1	01-FEB-2009 11:34:51	Tw_i_and_stray	24.500	130	23Bet Dra	2.7990	5800.0	49	36206	No
175	GOM_NL__2PRFIN20090201_113830_000000232076_00080_36206_9414.N1	01-FEB-2009 11:38:30	Tw_i_and_stray	22.500	5	3Alp Lyr	0.033000	11000.	45	36206	No
176	GOM_NL__2PRFIN20090201_114645_000000252076_00080_36206_9415.N1	01-FEB-2009 11:46:45	Tw_i_and_stray	24.500	59	55Alp Oph	2.0800	8900.0	49	36206	No
177	GOM_NL__2PRFIN20090201_114853_000000242076_00080_36206_9416.N1	01-FEB-2009 11:48:53	Tw_i_and_stray	24.000	126	60Bet Oph	2.7700	4250.0	48	36206	No
178	GOM_NL__2PRFIN20090201_115524_000000272076_00080_36206_9417.N1	01-FEB-2009 11:55:24	Tw_i_and_stray	27.000	86	35Eta Oph	2.4300	10200.	54	36206	No
179	GOM_NL__2PRFIN20090201_115944_000000302076_00080_36206_9418.N1	01-FEB-2009 11:59:44	Dark	30.000	16	21Alp Sco	1.0200	3000.0	60	36206	No
180	GOM_NL__2PRFIN20090201_120153_000000272076_00080_36206_9419.N1	01-FEB-2009 12:01:53	Dark	26.500	40	The Sco	1.8590	7100.0	53	36206	No
181	GOM_NL__2PRFIN20090201_120533_000000332076_00080_36206_9420.N1	01-FEB-2009 12:05:33	Dark	32.500	131	Gam Lup	2.8000	26000.	65	36206	No
182	GOM_NL__2PRFIN20090201_120748_000000332076_00081_36207_9413.N1	01-FEB-2009 12:07:48	Dark	33.000	109	Bet Lup	2.6770	26000.	66	36207	No
183	GOM_NL__2PRFIN20090201_121041_00000012076_00081_36207_9414.N1	01-FEB-2009 12:10:41	Dark	1.0000	4	Alp1Cen	-0.010000	5800.0	2	36207	No
184	GOM_NL__2PRFIN20090201_121240_000000332076_00081_36207_9415.N1	01-FEB-2009 12:12:40	Dark	32.500	77	Eps Cen	2.3030	28000.	65	36207	No
185	GOM_NL__2PRFIN20090201_121517_000000302076_00081_36207_9416.N1	01-FEB-2009 12:15:17	Dark	29.500	12	Alp1Cru	0.77500	30000.	59	36207	No
186	GOM_NL__2PRFIN20090201_121720_000000342076_00081_36207_9417.N1	01-FEB-2009 12:17:20	Dark	33.500	99	Del Cen	2.5750	26000.	67	36207	No
187	GOM_NL__2PRFIN20090201_121913_000000272076_00081_36207_9418.N1	01-FEB-2009 12:19:13	Dark	27.000	159	Ups Car	2.9200	7200.0	54	36207	No
188	GOM_NL__2PRFIN20090201_122107_000000272076_00081_36207_9419.N1	01-FEB-2009 12:21:07	Dark	27.000	71	lot Car	2.2460	7700.0	54	36207	No
189	GOM_NL__2PRFIN20090201_122252_000000272076_00081_36207_9420.N1	01-FEB-2009 12:22:52	Dark	27.000	46	Del Vel	1.9540	10600.	54	36207	No
190	GOM_NL__2PRFIN20090201_122523_000000272076_00081_36207_9421.N1	01-FEB-2009 12:25:23	Dark	26.500	34	Gam2Vel	1.7930	23000.	53	36207	No
191	GOM_NL__2PRFIN20090201_122728_000000272076_00081_36207_9422.N1	01-FEB-2009 12:27:28	Straylight	26.500	70	Zet Pup	2.2460	39000.	53	36207	No
192	GOM_NL__2PRFIN20090201_123054_000000262076_00081_36207_9423.N1	01-FEB-2009 12:30:54	Straylight	25.500	88	31Eta CMa	2.4480	20000.	51	36207	No
193	GOM_NL__2PRFIN20090201_124033_000000282076_00081_36207_9424.N1	01-FEB-2009 12:40:33	Tw_i_and_stray	28.000	8	10Alp CMI	0.40000	6500.0	56	36207	No
194	GOM_NL__2PRFIN20090201_124402_000000272076_00081_36207_9425.N1	01-FEB-2009 12:44:02	Bright	26.500	44	24Gam Gem	1.9280	11000.	53	36207	No
195	GOM_NL__2PRFIN20090201_124623_000000272076_00081_36207_9426.N1	01-FEB-2009 12:46:23	Bright	27.000	170	27Eps Gem	3.0000	9700.0	54	36207	No
196	GOM_NL__2PRFIN20090201_124815_000000292076_00081_36207_9427.N1	01-FEB-2009 12:48:15	Bright	28.500	24	66Alp Gem	1.5800	10200.	57	36207	No
197	GOM_NL__2PRFIN20090201_130428_000000252076_00081_36207_9428.N1	01-FEB-2009 13:04:28	Tw_i_and_stray	25.000	49	1Alp UMi	1.9900	6300.0	50	36207	No
198	GOM_NL__2PRFIN20090201_130731_000000272076_00081_36207_9429.N1	01-FEB-2009 13:07:31	Tw_i_and_stray	27.000	60	7Bet UMi	2.0810	3950.0	54	36207	No
199	GOM_NL__2PRFIN20090201_131215_000000262076_00081_36207_9430.N1	01-FEB-2009 13:12:15	Tw_i_and_stray	25.500	119	14Eta Dra	2.7270	4700.0	51	36207	No
200	GOM_NL__2PRFIN20090201_131527_000000242076_00081_36207_9431.N1	01-FEB-2009 13:15:27	Tw_i_and_stray	23.500	130	23Bet Dra	2.7990	5800.0	47	36207	No
201	GOM_NL__2PRFIN20090201_131907_000000222076_00081_36207_9432.N1	01-FEB-2009 13:19:07	Tw_i_and_stray	22.000	5	3Alp Lyr	0.033000	11000.	44	36207	No
202	GOM_NL__2PRFIN20090201_132721_000000242076_00081_36207_9433.N1	01-FEB-2009 13:27:21	Tw_i_and_stray	24.000	59	55Alp Oph	2.0800	8900.0	48	36207	No
203	GOM_NL__2PRFIN20090201_132929_000000242076_00081_36207_9434.N1	01-FEB-2009 13:29:29	Tw_i_and_stray	23.500	126	60Bet Oph	2.7700	4250.0	47	36207	No
204	GOM_NL__2PRFIN20090201_133600_000000272076_00081_36207_9435.N1	01-FEB-2009 13:36:00	Tw_i_and_stray	26.500	86	35Eta Oph	2.4300	10200.	53	36207	No
205	GOM_NL__2PRFIN20090201_134021_000000302076_00081_36207_9436.N1	01-FEB-2009 13:40:21	Dark	30.000	16	21Alp Sco	1.0200	3000.0	60	36207	No
206	GOM_NL__2PRFIN20090201_134229_000000262076_00081_36207_9437.N1	01-FEB-2009 13:42:29	Dark	26.000	40	The Sco	1.8590	7100.0	52	36207	No
207	GOM_NL__2PRFIN20090201_134609_000000322076_00081_36207_9438.N1	01-FEB-2009 13:46:09	Dark	32.000	131	Gam Lup	2.8000	26000.	64	36207	No
208	GOM_NL__2PRFIN20090201_134825_000000342076_00082_36208_9427.N1	01-FEB-2009 13:48:25	Dark	33.500	109	Bet Lup	2.6770	26000.	67	36208	No
209	GOM_NL__2PRFIN20090201_135118_000000302076_00082_36208_9428.N1	01-FEB-2009 13:51:18	Dark	29.500	4	Alp1Cen	-0.010000	5800.0	59	36208	No
210	GOM_NL__2PRFIN20090201_135317_000000332076_00082_36208_9429.N1	01-FEB-2009 13:53:17	Dark	32.500	77	Eps Cen	2.3030	28000.	65	36208	No
211	GOM_NL__2PRFIN20090201_135553_000000292076_00082_36208_9430.N1	01-FEB-2009 13:55:53	Dark	29.000	12	Alp1Cru	0.77500	30000.	58	36208	No
212	GOM_NL__2PRFIN20090201_135757_000000342076_00082_36208_9431.N1	01-FEB-2009 13:57:57	Dark	33.500	99	Del Cen	2.5750	26000.	67	36208	No
213	GOM_NL__2PRFIN20090201_135949_000000272076_00082_36208_9432.N1	01-FEB-2009 13:59:49	Dark	27.000	159	Ups Car	2.9200	7200.0	54	36208	No
214	GOM_NL__2PRFIN20090201_140144_000000272076_00082_36208_9433.N1	01-FEB-2009 14:01:44	Dark	27.000	71	lot Car	2.2460	7700.0	54	36208	No
215	GOM_NL__2PRFIN20090201_140328_000000272076_00082_36208_9434.N1	01-FEB-2009 14:03:28	Dark	27.000	46	Del Vel	1.9540	10600.	54	36208	No
216	GOM_NL__2PRFIN20090201_140559_000000272076_00082_36208_9435.N1	01-FEB-2009 14:05:59	Dark	27.000	34	Gam2Vel	1.7930	23000.	54	36208	No
217	GOM_NL__2PRFIN20090201_140804_000000262076_00082_36208_9436.N1	01-FEB-2009 14:08:04	Straylight	26.000	70	Zet Pup	2.2460	39000.	52	36208	No
218	GOM_NL__2PRFIN20090201_141131_000000252076_00082_36208_9437.N1	01-FEB-2009 14:11:31	Straylight	25.000	88	31Eta CMa	2.4480	20000.	50	36208	No
219	GOM_NL__2PRFIN20090201_142109_000000282076_00082_36208_9438.N1	01-FEB-2009 14:21:09	Tw_i_and_stray	28.000	8	10Alp CMI	0.40000	6500.0	56	36208	No

220	GOM_NL__2PRFIN20090201_142438_000000272076_00082_36208_9439.N1	01-FEB-2009 14:24:38	Bright	26.500	44	24Gam Gem	1.9280	11000.	53	36208	No
221	GOM_NL__2PRFIN20090201_142659_000000272076_00082_36208_9440.N1	01-FEB-2009 14:26:59	Bright	26.500	170	27Eps Gem	3.0000	9700.0	53	36208	No
222	GOM_NL__2PRFIN20090201_142851_000000282076_00082_36208_9441.N1	01-FEB-2009 14:28:51	Bright	28.000	24	66Alp Gem	1.5800	10200.	56	36208	No
223	GOM_NL__2PRFIN20090201_144504_000000252076_00082_36208_9442.N1	01-FEB-2009 14:45:04	Twi_and_stray	25.000	49	1Alp UMi	1.9900	6300.0	50	36208	No
224	GOM_NL__2PRFIN20090201_144807_000000272076_00082_36208_9443.N1	01-FEB-2009 14:48:07	Twi_and_stray	26.500	60	7Bet UMi	2.0810	3950.0	53	36208	No
225	GOM_NL__2PRFIN20090201_145251_000000262076_00082_36208_9444.N1	01-FEB-2009 14:52:51	Twi_and_stray	25.500	119	14Eta Dra	2.7270	4700.0	51	36208	No
226	GOM_NL__2PRFIN20090201_145603_000000232076_00082_36208_9445.N1	01-FEB-2009 14:56:03	Twi_and_stray	23.000	130	23Bet Dra	2.7990	5800.0	46	36208	No
227	GOM_NL__2PRFIN20090201_145943_000000222076_00082_36208_9446.N1	01-FEB-2009 14:59:43	Twi_and_stray	21.500	5	3Alp Lyr	0.033000	11000.	43	36208	No
228	GOM_NL__2PRFIN20090201_150758_000000242076_00082_36208_9447.N1	01-FEB-2009 15:07:58	Twi_and_stray	23.500	59	55Alp Oph	2.0800	8900.0	47	36208	No
229	GOM_NL__2PRFIN20090201_151006_000000242076_00082_36208_9448.N1	01-FEB-2009 15:10:06	Twi_and_stray	23.500	126	60Bet Oph	2.7700	4250.0	47	36208	No
230	GOM_NL__2PRFIN20090201_151637_000000272076_00082_36208_9449.N1	01-FEB-2009 15:16:37	Twi_and_stray	26.500	86	35Eta Oph	2.4300	10200.	53	36208	No
231	GOM_NL__2PRFIN20090201_152058_000000302076_00082_36208_9450.N1	01-FEB-2009 15:20:58	Dark	30.000	16	21Alp Sco	1.0200	3000.0	60	36208	No
232	GOM_NL__2PRFIN20090201_152306_000000262076_00082_36208_9451.N1	01-FEB-2009 15:23:06	Dark	25.500	40	The Sco	1.8590	7100.0	51	36208	No
233	GOM_NL__2PRFIN20090201_153154_000000292076_00083_36209_9441.N1	01-FEB-2009 15:31:54	Dark	29.000	4	Alp1Cen	-0.010000	5800.0	58	36209	No
234	GOM_NL__2PRFIN20090201_153353_000000332076_00083_36209_9442.N1	01-FEB-2009 15:33:53	Dark	32.500	77	Eps Cen	2.3030	28000.	65	36209	No
235	GOM_NL__2PRFIN20090201_153630_000000292076_00083_36209_9443.N1	01-FEB-2009 15:36:30	Dark	29.000	12	Alp1Cru	0.77500	30000.	58	36209	No
236	GOM_NL__2PRFIN20090201_153834_000000342076_00083_36209_9444.N1	01-FEB-2009 15:38:34	Dark	33.500	99	Del Cen	2.5750	26000.	67	36209	No
237	GOM_NL__2PRFIN20090201_154025_000000272076_00083_36209_9445.N1	01-FEB-2009 15:40:25	Dark	27.000	159	Ups Car	2.9200	7200.0	54	36209	No
238	GOM_NL__2PRFIN20090201_154220_000000272076_00083_36209_9446.N1	01-FEB-2009 15:42:20	Dark	27.000	71	lot Car	2.2460	7700.0	54	36209	No
239	GOM_NL__2PRFIN20090201_154404_000000272076_00083_36209_9447.N1	01-FEB-2009 15:44:04	Dark	26.500	46	Del Vel	1.9540	10600.	53	36209	No
240	GOM_NL__2PRFIN20090201_154635_000000272076_00083_36209_9448.N1	01-FEB-2009 15:46:35	Dark	26.500	34	Gam2Vel	1.7930	23000.	53	36209	No
241	GOM_NL__2PRFIN20090201_154841_000000262076_00083_36209_9449.N1	01-FEB-2009 15:48:41	Straylight	25.500	70	Zet Pup	2.2460	39000.	51	36209	No
242	GOM_NL__2PRFIN20090201_155206_000000262076_00083_36209_9450.N1	01-FEB-2009 15:52:06	Straylight	26.000	88	31Eta CMa	2.4480	20000.	52	36209	No
243	GOM_NL__2PRFIN20090201_160145_000000282076_00083_36209_9451.N1	01-FEB-2009 16:01:45	Twi_and_stray	28.000	8	10Alp CMi	0.40000	6500.0	56	36209	No
244	GOM_NL__2PRFIN20090201_160514_000000272076_00083_36209_9452.N1	01-FEB-2009 16:05:14	Bright	26.500	44	24Gam Gem	1.9280	11000.	53	36209	No
245	GOM_NL__2PRFIN20090201_160735_000000272076_00083_36209_9453.N1	01-FEB-2009 16:07:35	Bright	26.500	170	27Eps Gem	3.0000	9700.0	53	36209	No
246	GOM_NL__2PRFIN20090201_160927_000000292076_00083_36209_9454.N1	01-FEB-2009 16:09:27	Bright	28.500	24	66Alp Gem	1.5800	10200.	57	36209	No
247	GOM_NL__2PRFIN20090201_162540_000000252076_00083_36209_9455.N1	01-FEB-2009 16:25:40	Twi_and_stray	25.000	49	1Alp UMi	1.9900	6300.0	50	36209	No
248	GOM_NL__2PRFIN20090201_162842_000000272076_00083_36209_9456.N1	01-FEB-2009 16:28:42	Twi_and_stray	27.000	60	7Bet UMi	2.0810	3950.0	54	36209	No
249	GOM_NL__2PRFIN20090201_163326_000000262076_00083_36209_9457.N1	01-FEB-2009 16:33:26	Twi_and_stray	25.500	119	14Eta Dra	2.7270	4700.0	51	36209	No
250	GOM_NL__2PRFIN20090201_163639_000000242076_00083_36209_9458.N1	01-FEB-2009 16:36:39	Twi_and_stray	23.500	130	23Bet Dra	2.7990	5800.0	47	36209	No
251	GOM_NL__2PRFIN20090201_164019_000000222076_00083_36209_9459.N1	01-FEB-2009 16:40:19	Twi_and_stray	22.000	5	3Alp Lyr	0.033000	11000.	44	36209	No
252	GOM_NL__2PRFIN20090201_164833_000000242076_00083_36209_9460.N1	01-FEB-2009 16:48:33	Twi_and_stray	24.000	59	55Alp Oph	2.0800	8900.0	48	36209	No
253	GOM_NL__2PRFIN20090201_165042_000000242076_00083_36209_9461.N1	01-FEB-2009 16:50:42	Twi_and_stray	23.500	126	60Bet Oph	2.7700	4250.0	47	36209	No
254	GOM_NL__2PRFIN20090201_165713_000000272076_00083_36209_9462.N1	01-FEB-2009 16:57:13	Twi_and_stray	27.000	86	35Eta Oph	2.4300	10200.	54	36209	No
255	GOM_NL__2PRFIN20090201_170135_000000302076_00083_36209_9463.N1	01-FEB-2009 17:01:35	Dark	29.500	16	21Alp Sco	1.0200	3000.0	59	36209	No
256	GOM_NL__2PRFIN20090201_170342_000000262076_00083_36209_9464.N1	01-FEB-2009 17:03:42	Dark	26.000	40	The Sco	1.8590	7100.0	52	36209	No
257	GOM_NL__2PRFIN20090201_171230_000000302076_00084_36210_9475.N1	01-FEB-2009 17:12:30	Dark	30.000	4	Alp1Cen	-0.010000	5800.0	60	36210	No
258	GOM_NL__2PRFIN20090201_171343_000000302076_00084_36210_9476.N1	01-FEB-2009 17:13:43	Dark	29.500	10	Bet Cen	0.61000	28000.	59	36210	No
259	GOM_NL__2PRFIN20090201_171706_000000292076_00084_36210_9477.N1	01-FEB-2009 17:17:06	Dark	29.000	12	Alp1Cru	0.77500	30000.	58	36210	No
260	GOM_NL__2PRFIN20090201_171910_000000342076_00084_36210_9478.N1	01-FEB-2009 17:19:10	Dark	33.500	99	Del Cen	2.5750	26000.	67	36210	No
261	GOM_NL__2PRFIN20090201_172101_000000272076_00084_36210_9479.N1	01-FEB-2009 17:21:01	Dark	26.500	159	Ups Car	2.9200	7200.0	53	36210	No
262	GOM_NL__2PRFIN20090201_172257_000000272076_00084_36210_9480.N1	01-FEB-2009 17:22:57	Dark	26.500	71	lot Car	2.2460	7700.0	53	36210	No
263	GOM_NL__2PRFIN20090201_172441_000000262076_00084_36210_9481.N1	01-FEB-2009 17:24:41	Dark	26.000	46	Del Vel	1.9540	10600.	52	36210	No
264	GOM_NL__2PRFIN20090201_172711_000000262076_00084_36210_9482.N1	01-FEB-2009 17:27:11	Dark	26.000	34	Gam2Vel	1.7930	23000.	52	36210	No
265	GOM_NL__2PRFIN20090201_172916_000000262076_00084_36210_9483.N1	01-FEB-2009 17:29:16	Straylight	26.000	70	Zet Pup	2.2460	39000.	52	36210	No
266	GOM_NL__2PRFIN20090201_173243_000000252076_00084_36210_9484.N1	01-FEB-2009 17:32:43	Straylight	25.000	88	31Eta CMa	2.4480	20000.	50	36210	No
267	GOM_NL__2PRFIN20090201_174221_000000272076_00084_36210_9485.N1	01-FEB-2009 17:42:21	Twi_and_stray	27.000	8	10Alp CMi	0.40000	6500.0	54	36210	No
268	GOM_NL__2PRFIN20090201_174550_000000262076_00084_36210_9486.N1	01-FEB-2009 17:45:50	Bright	26.000	44	24Gam Gem	1.9280	11000.	52	36210	No
269	GOM_NL__2PRFIN20090201_174811_000000272076_00084_36210_9487.N1	01-FEB-2009 17:48:11	Bright	26.500	170	27Eps Gem	3.0000	9700.0	53	36210	No
270	GOM_NL__2PRFIN20090201_175003_000000282076_00084_36210_9488.N1	01-FEB-2009 17:50:03	Bright	27.500	24	66Alp Gem	1.5800	10200.	55	36210	No
271	GOM_NL__2PRFIN20090201_180616_000000252076_00084_36210_9489.N1	01-FEB-2009 18:06:16	Twi_and_stray	24.500	49	1Alp UMi	1.9900	6300.0	49	36210	No
272	GOM_NL__2PRFIN20090201_180918_000000262076_00084_36210_9490.N1	01-FEB-2009 18:09:18	Twi_and_stray	26.000	60	7Bet UMi	2.0810	3950.0	52	36210	No
273	GOM_NL__2PRFIN20090201_181402_000000252076_00084_36210_9491.N1	01-FEB-2009 18:14:02	Twi_and_stray	25.000	119	14Eta Dra	2.7270	4700.0	50	36210	No
274	GOM_NL__2PRFIN20090201_181715_000000232076_00084_36210_9492.N1	01-FEB-2009 18:17:15	Twi_and_stray	23.000	130	23Bet Dra	2.7990	5800.0	46	36210	No
275	GOM_NL__2PRFIN20090201_182055_000000212076_00084_36210_9493.N1	01-FEB-2009 18:20:55	Twi_and_stray	21.000	5	3Alp Lyr	0.033000	11000.	42	36210	No
276	GOM_NL__2PRFIN20090201_182910_000000232076_00084_36210_9494.N1	01-FEB-2009 18:29:10	Twi_and_stray	23.000	59	55Alp Oph	2.0800	8900.0	46	36210	No
277	GOM_NL__2PRFIN20090201_183118_000000232076_00084_36210_9495.N1	01-FEB-2009 18:31:18	Twi_and_stray	23.000	126	60Bet Oph	2.7700	4250.0	46	36210	No
278	GOM_NL__2PRFIN20090201_183749_000000262076_00084_36210_9496.N1	01-FEB-2009 18:37:49	Twi_and_stray	26.000	86	35Eta Oph	2.4300	10200.	52	36210	No

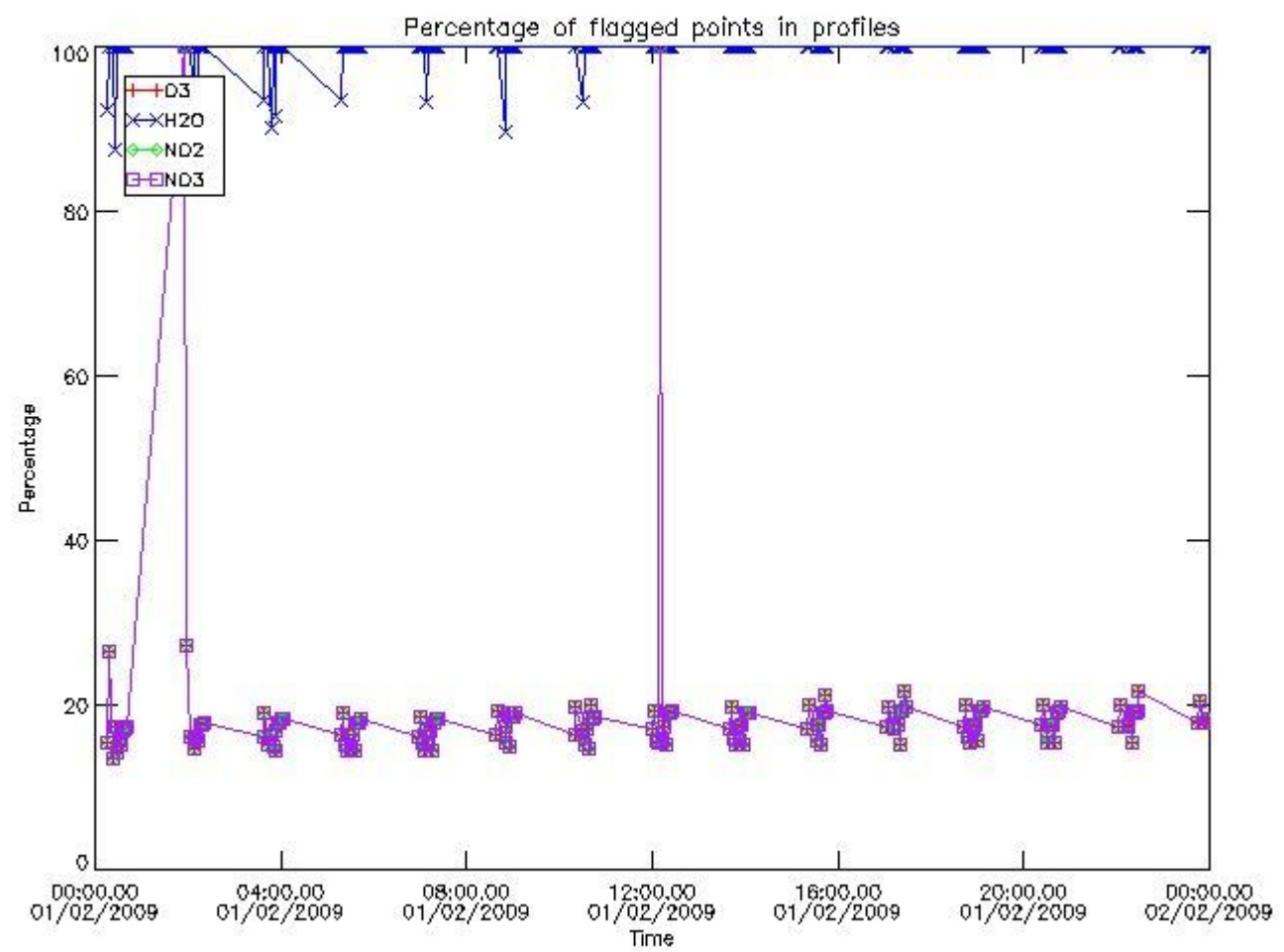
279	GOM_NL__2PRFIN20090201_184211_000000302076_00084_36210_9497.N1	01-FEB-2009 18:42:11	Dark	29.500	16	21Alp Sco	1.0200	3000.0	59	36210	No
280	GOM_NL__2PRFIN20090201_184418_000000262076_00084_36210_9498.N1	01-FEB-2009 18:44:18	Dark	25.500	40	The Sco	1.8590	7100.0	51	36210	No
281	GOM_NL__2PRFIN20090201_184800_000000322076_00084_36210_9499.N1	01-FEB-2009 18:48:00	Dark	31.500	131	Gam Lup	2.8000	26000.	63	36210	No
282	GOM_NL__2PRFIN20090201_185015_000000332076_00085_36211_9494.N1	01-FEB-2009 18:50:15	Dark	33.000	109	Bet Lup	2.6770	26000.	66	36211	No
283	GOM_NL__2PRFIN20090201_185307_000000292076_00085_36211_9495.N1	01-FEB-2009 18:53:07	Dark	29.000	4	Alp1Cen	-0.010000	5800.0	58	36211	No
284	GOM_NL__2PRFIN20090201_185420_000000302076_00085_36211_9496.N1	01-FEB-2009 18:54:20	Dark	29.500	10	Bet Cen	0.61000	28000.	59	36211	No
285	GOM_NL__2PRFIN20090201_185743_000000292076_00085_36211_9497.N1	01-FEB-2009 18:57:43	Dark	29.000	12	Alp1Cru	0.77500	30000.	58	36211	No
286	GOM_NL__2PRFIN20090201_185947_000000332076_00085_36211_9498.N1	01-FEB-2009 18:59:47	Dark	32.500	99	Del Cen	2.5750	26000.	65	36211	No
287	GOM_NL__2PRFIN20090201_190138_000000272076_00085_36211_9499.N1	01-FEB-2009 19:01:38	Dark	26.500	159	Ups Car	2.9200	7200.0	53	36211	No
288	GOM_NL__2PRFIN20090201_190333_000000272076_00085_36211_9500.N1	01-FEB-2009 19:03:33	Dark	26.500	71	lot Car	2.2460	7700.0	53	36211	No
289	GOM_NL__2PRFIN20090201_190517_000000272076_00085_36211_9501.N1	01-FEB-2009 19:05:17	Dark	26.500	46	Del Vel	1.9540	10600.	53	36211	No
290	GOM_NL__2PRFIN20090201_190748_000000262076_00085_36211_9502.N1	01-FEB-2009 19:07:48	Dark	26.000	34	Gam2Vel	1.7930	23000.	52	36211	No
291	GOM_NL__2PRFIN20090201_190952_000000262076_00085_36211_9503.N1	01-FEB-2009 19:09:52	Straylight	26.000	70	Zet Pup	2.2460	39000.	52	36211	No
292	GOM_NL__2PRFIN20090201_191319_000000262076_00085_36211_9504.N1	01-FEB-2009 19:13:19	Straylight	25.500	88	31Eta CMa	2.4480	20000.	51	36211	No
293	GOM_NL__2PRFIN20090201_192257_000000272076_00085_36211_9505.N1	01-FEB-2009 19:22:57	Tw_i_and_stray	27.000	8	10Alp CMi	0.40000	6500.0	54	36211	No
294	GOM_NL__2PRFIN20090201_192627_000000262076_00085_36211_9506.N1	01-FEB-2009 19:26:27	Bright	25.500	44	24Gam Gem	1.9280	11000.	51	36211	No
295	GOM_NL__2PRFIN20090201_192848_000000262076_00085_36211_9507.N1	01-FEB-2009 19:28:48	Bright	26.000	170	27Eps Gem	3.0000	9700.0	52	36211	No
296	GOM_NL__2PRFIN20090201_193039_000000272076_00085_36211_9508.N1	01-FEB-2009 19:30:39	Bright	27.000	24	66Alp Gem	1.5800	10200.	54	36211	No
297	GOM_NL__2PRFIN20090201_194652_000000242076_00085_36211_9509.N1	01-FEB-2009 19:46:52	Tw_i_and_stray	24.000	49	1Alp UMi	1.9900	6300.0	48	36211	No
298	GOM_NL__2PRFIN20090201_194954_000000262076_00085_36211_9510.N1	01-FEB-2009 19:49:54	Tw_i_and_stray	26.000	60	7Bet UMi	2.0810	3950.0	52	36211	No
299	GOM_NL__2PRFIN20090201_195438_000000252076_00085_36211_9511.N1	01-FEB-2009 19:54:38	Tw_i_and_stray	25.000	119	14Eta Dra	2.7270	4700.0	50	36211	No
300	GOM_NL__2PRFIN20090201_195751_000000232076_00085_36211_9512.N1	01-FEB-2009 19:57:51	Tw_i_and_stray	23.000	130	23Bet Dra	2.7990	5800.0	46	36211	No
301	GOM_NL__2PRFIN20090201_200131_000000212076_00085_36211_9513.N1	01-FEB-2009 20:01:31	Tw_i_and_stray	21.000	5	3Alp Lyr	0.033000	11000.	42	36211	No
302	GOM_NL__2PRFIN20090201_200946_000000242076_00085_36211_9514.N1	01-FEB-2009 20:09:46	Tw_i_and_stray	23.500	59	55Alp Oph	2.0800	8900.0	47	36211	No
303	GOM_NL__2PRFIN20090201_201155_000000232076_00085_36211_9515.N1	01-FEB-2009 20:11:55	Tw_i_and_stray	23.000	126	60Bet Oph	2.7700	4250.0	46	36211	No
304	GOM_NL__2PRFIN20090201_201826_000000262076_00085_36211_9516.N1	01-FEB-2009 20:18:26	Tw_i_and_stray	26.000	86	35Eta Oph	2.4300	10200.	52	36211	No
305	GOM_NL__2PRFIN20090201_202248_000000292076_00085_36211_9517.N1	01-FEB-2009 20:22:48	Dark	29.000	16	21Alp Sco	1.0200	3000.0	58	36211	No
306	GOM_NL__2PRFIN20090201_202454_000000262076_00085_36211_9518.N1	01-FEB-2009 20:24:54	Dark	25.500	40	The Sco	1.8590	7100.0	51	36211	No
307	GOM_NL__2PRFIN20090201_202837_000000322076_00085_36211_9519.N1	01-FEB-2009 20:28:37	Dark	31.500	131	Gam Lup	2.8000	26000.	63	36211	No
308	GOM_NL__2PRFIN20090201_203052_000000332076_00086_36212_9508.N1	01-FEB-2009 20:30:52	Dark	33.000	109	Bet Lup	2.6770	26000.	66	36212	No
309	GOM_NL__2PRFIN20090201_203344_000000292076_00086_36212_9509.N1	01-FEB-2009 20:33:44	Dark	29.000	4	Alp1Cen	-0.010000	5800.0	58	36212	No
310	GOM_NL__2PRFIN20090201_203456_000000292076_00086_36212_9510.N1	01-FEB-2009 20:34:56	Dark	29.000	10	Bet Cen	0.61000	28000.	58	36212	No
311	GOM_NL__2PRFIN20090201_203819_000000292076_00086_36212_9511.N1	01-FEB-2009 20:38:19	Dark	29.000	12	Alp1Cru	0.77500	30000.	58	36212	No
312	GOM_NL__2PRFIN20090201_204024_000000332076_00086_36212_9512.N1	01-FEB-2009 20:40:24	Dark	33.000	99	Del Cen	2.5750	26000.	66	36212	No
313	GOM_NL__2PRFIN20090201_204214_000000272076_00086_36212_9513.N1	01-FEB-2009 20:42:14	Dark	27.000	159	Ups Car	2.9200	7200.0	54	36212	No
314	GOM_NL__2PRFIN20090201_204409_000000272076_00086_36212_9514.N1	01-FEB-2009 20:44:09	Dark	26.500	71	lot Car	2.2460	7700.0	53	36212	No
315	GOM_NL__2PRFIN20090201_204553_000000272076_00086_36212_9515.N1	01-FEB-2009 20:45:53	Dark	26.500	46	Del Vel	1.9540	10600.	53	36212	No
316	GOM_NL__2PRFIN20090201_204823_000000262076_00086_36212_9516.N1	01-FEB-2009 20:48:23	Dark	26.000	34	Gam2Vel	1.7930	23000.	52	36212	No
317	GOM_NL__2PRFIN20090201_205029_000000262076_00086_36212_9517.N1	01-FEB-2009 20:50:29	Straylight	25.500	70	Zet Pup	2.2460	39000.	51	36212	No
318	GOM_NL__2PRFIN20090201_205355_000000252076_00086_36212_9518.N1	01-FEB-2009 20:53:55	Straylight	25.000	88	31Eta CMa	2.4480	20000.	50	36212	No
319	GOM_NL__2PRFIN20090201_210333_000000272076_00086_36212_9519.N1	01-FEB-2009 21:03:33	Tw_i_and_stray	27.000	8	10Alp CMi	0.40000	6500.0	54	36212	No
320	GOM_NL__2PRFIN20090201_210702_000000262076_00086_36212_9520.N1	01-FEB-2009 21:07:02	Bright	26.000	44	24Gam Gem	1.9280	11000.	52	36212	No
321	GOM_NL__2PRFIN20090201_210923_000000272076_00086_36212_9521.N1	01-FEB-2009 21:09:23	Bright	26.500	170	27Eps Gem	3.0000	9700.0	53	36212	No
322	GOM_NL__2PRFIN20090201_211115_000000282076_00086_36212_9522.N1	01-FEB-2009 21:11:15	Bright	28.000	24	66Alp Gem	1.5800	10200.	56	36212	No
323	GOM_NL__2PRFIN20090201_212728_000000252076_00086_36212_9523.N1	01-FEB-2009 21:27:28	Tw_i_and_stray	24.500	49	1Alp UMi	1.9900	6300.0	49	36212	No
324	GOM_NL__2PRFIN20090201_213030_000000262076_00086_36212_9524.N1	01-FEB-2009 21:30:30	Tw_i_and_stray	26.000	60	7Bet UMi	2.0810	3950.0	52	36212	No
325	GOM_NL__2PRFIN20090201_213514_000000252076_00086_36212_9525.N1	01-FEB-2009 21:35:14	Tw_i_and_stray	25.000	119	14Eta Dra	2.7270	4700.0	50	36212	No
326	GOM_NL__2PRFIN20090201_213826_000000232076_00086_36212_9526.N1	01-FEB-2009 21:38:26	Tw_i_and_stray	23.000	130	23Bet Dra	2.7990	5800.0	46	36212	No
327	GOM_NL__2PRFIN20090201_214207_000000222076_00086_36212_9527.N1	01-FEB-2009 21:42:07	Tw_i_and_stray	21.500	5	3Alp Lyr	0.033000	11000.	43	36212	No
328	GOM_NL__2PRFIN20090201_215022_000000242076_00086_36212_9528.N1	01-FEB-2009 21:50:22	Tw_i_and_stray	23.500	59	55Alp Oph	2.0800	8900.0	47	36212	No
329	GOM_NL__2PRFIN20090201_215231_000000232076_00086_36212_9529.N1	01-FEB-2009 21:52:31	Tw_i_and_stray	23.000	126	60Bet Oph	2.7700	4250.0	46	36212	No
330	GOM_NL__2PRFIN20090201_215903_000000262076_00086_36212_9530.N1	01-FEB-2009 21:59:03	Tw_i_and_stray	26.000	86	35Eta Oph	2.4300	10200.	52	36212	No
331	GOM_NL__2PRFIN20090201_220324_000000302076_00086_36212_9531.N1	01-FEB-2009 22:03:24	Dark	29.500	16	21Alp Sco	1.0200	3000.0	59	36212	No
332	GOM_NL__2PRFIN20090201_220531_000000262076_00086_36212_9532.N1	01-FEB-2009 22:05:31	Dark	25.500	40	The Sco	1.8590	7100.0	51	36212	No
333	GOM_NL__2PRFIN20090201_221420_000000292076_00087_36213_9525.N1	01-FEB-2009 22:14:20	Dark	29.000	4	Alp1Cen	-0.010000	5800.0	58	36213	No
334	GOM_NL__2PRFIN20090201_221533_000000302076_00087_36213_9526.N1	01-FEB-2009 22:15:33	Dark	29.500	10	Bet Cen	0.61000	28000.	59	36213	No
335	GOM_NL__2PRFIN20090201_221855_000000292076_00087_36213_9527.N1	01-FEB-2009 22:18:55	Dark	29.000	12	Alp1Cru	0.77500	30000.	58	36213	No
336	GOM_NL__2PRFIN20090201_222100_000000332076_00087_36213_9528.N1	01-FEB-2009 22:21:00	Dark	33.000	99	Del Cen	2.5750	26000.	66	36213	No
337	GOM_NL__2PRFIN20090201_222250_000000272076_00087_36213_9529.N1	01-FEB-2009 22:22:50	Dark	27.000	159	Ups Car	2.9200	7200.0	54	36213	No

338	GOM_NL__2PRFIN20090201_222445_000000272076_00087_36213_9530.N1	01-FEB-2009 22:24:45	Dark	27.000	71	lot Car	2.2460	7700.0	54	36213	No
339	GOM_NL__2PRFIN20090201_222629_000000272076_00087_36213_9531.N1	01-FEB-2009 22:26:29	Dark	26.500	46	Del Vel	1.9540	10600.	53	36213	No
340	GOM_NL__2PRFIN20090201_222900_000000262076_00087_36213_9532.N1	01-FEB-2009 22:29:00	Dark	26.000	34	Gam2Vel	1.7930	23000.	52	36213	No
341	GOM_NL__2PRFIN20090201_223105_000000262076_00087_36213_9533.N1	01-FEB-2009 22:31:05	Straylight	25.500	70	Zet Pup	2.2460	39000.	51	36213	No
342	GOM_NL__2PRFIN20090201_223431_000000262076_00087_36213_9534.N1	01-FEB-2009 22:34:31	Straylight	25.500	88	31Eta CMa	2.4480	20000.	51	36213	No
343	GOM_NL__2PRFIN20090201_224409_000000272076_00087_36213_9535.N1	01-FEB-2009 22:44:09	Twilight_stray	27.000	8	10Alp CMi	0.40000	6500.0	54	36213	No
344	GOM_NL__2PRFIN20090201_224738_000000262076_00087_36213_9536.N1	01-FEB-2009 22:47:38	Bright	26.000	44	24Gam Gem	1.9280	11000.	52	36213	No
345	GOM_NL__2PRFIN20090201_224959_000000272076_00087_36213_9537.N1	01-FEB-2009 22:49:59	Bright	26.500	170	27Eps Gem	3.0000	9700.0	53	36213	No
346	GOM_NL__2PRFIN20090201_225150_000000282076_00087_36213_9538.N1	01-FEB-2009 22:51:50	Bright	27.500	24	66Alp Gem	1.5800	10200.	55	36213	No
347	GOM_NL__2PRFIN20090201_230804_000000242076_00087_36213_9539.N1	01-FEB-2009 23:08:04	Twilight_stray	23.500	49	1Alp UMi	1.9900	6300.0	47	36213	No
348	GOM_NL__2PRFIN20090201_231105_000000262076_00087_36213_9540.N1	01-FEB-2009 23:11:05	Twilight_stray	25.500	60	7Bet UMi	2.0810	3950.0	51	36213	No
349	GOM_NL__2PRFIN20090201_231550_000000242076_00087_36213_9541.N1	01-FEB-2009 23:15:50	Twilight_stray	24.000	119	14Eta Dra	2.7270	4700.0	48	36213	No
350	GOM_NL__2PRFIN20090201_231903_000000222076_00087_36213_9542.N1	01-FEB-2009 23:19:03	Twilight_stray	22.000	130	23Bet Dra	2.7990	5800.0	44	36213	No
351	GOM_NL__2PRFIN20090201_232243_000000212076_00087_36213_9543.N1	01-FEB-2009 23:22:43	Twilight_stray	20.500	5	3Alp Lyr	0.033000	11000.	41	36213	No
352	GOM_NL__2PRFIN20090201_233058_000000232076_00087_36213_9544.N1	01-FEB-2009 23:30:58	Twilight_stray	22.500	59	55Alp Oph	2.0800	8900.0	45	36213	No
353	GOM_NL__2PRFIN20090201_233307_000000232076_00087_36213_9545.N1	01-FEB-2009 23:33:07	Twilight_stray	22.500	126	60Bet Oph	2.7700	4250.0	45	36213	No
354	GOM_NL__2PRFIN20090201_233939_000000252076_00087_36213_9546.N1	01-FEB-2009 23:39:39	Twilight_stray	25.000	86	35Eta Oph	2.4300	10200.	50	36213	No
355	GOM_NL__2PRFIN20090201_234401_000000292076_00087_36213_9547.N1	01-FEB-2009 23:44:01	Dark	28.500	16	21Alp Sco	1.0200	3000.0	57	36213	No
356	GOM_NL__2PRFIN20090201_234606_000000252076_00087_36213_9548.N1	01-FEB-2009 23:46:06	Dark	25.000	40	The Sco	1.8590	7100.0	50	36213	No
357	GOM_NL__2PRFIN20090201_235456_000000292076_00088_36214_9540.N1	01-FEB-2009 23:54:56	Dark	28.500	4	Alp1Cen	-0.010000	5800.0	57	36214	No
358	GOM_NL__2PRFIN20090201_235609_000000282076_00088_36214_9541.N1	01-FEB-2009 23:56:09	Dark	28.000	10	Bet Cen	0.61000	28000.	56	36214	No
359	GOM_NL__2PRFIN20090201_235931_000000292076_00088_36214_9542.N1	01-FEB-2009 23:59:31	Dark	28.500	12	Alp1Cru	0.77500	30000.	57	36214	No

3. Quality information per product

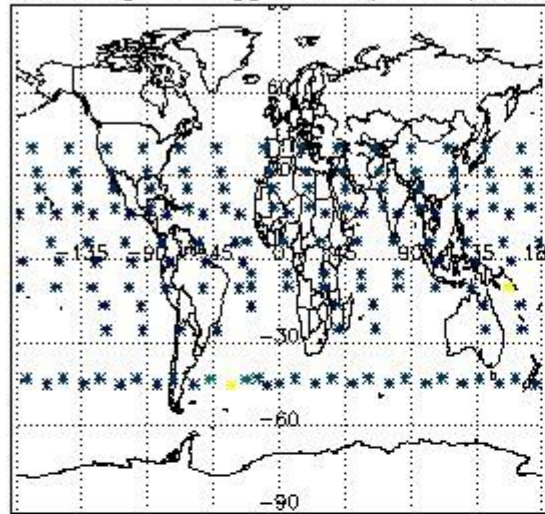
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

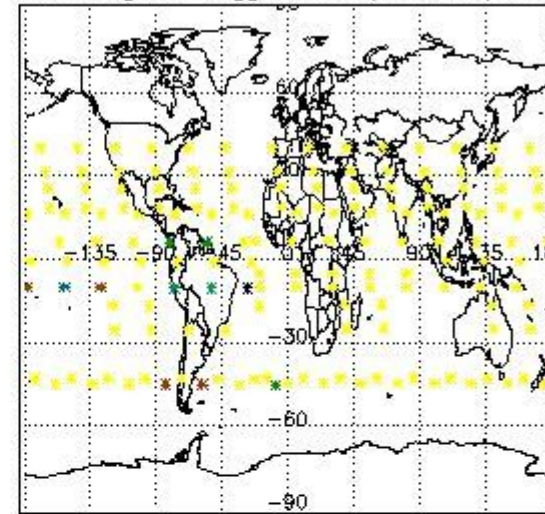


3.2 Plot quality information per product (world map)

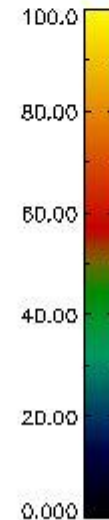
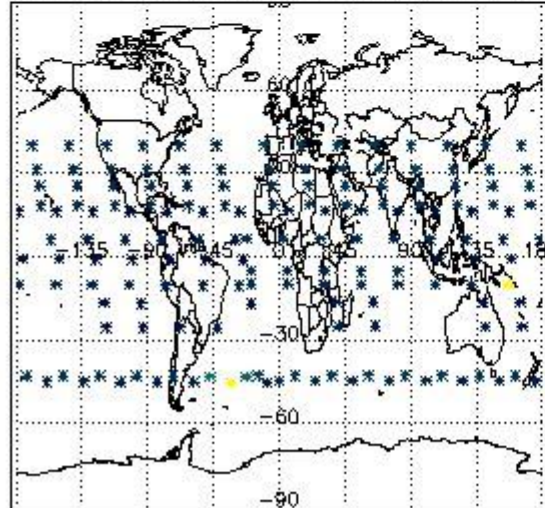
Percentage of flagged data per O3 profile



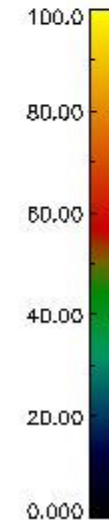
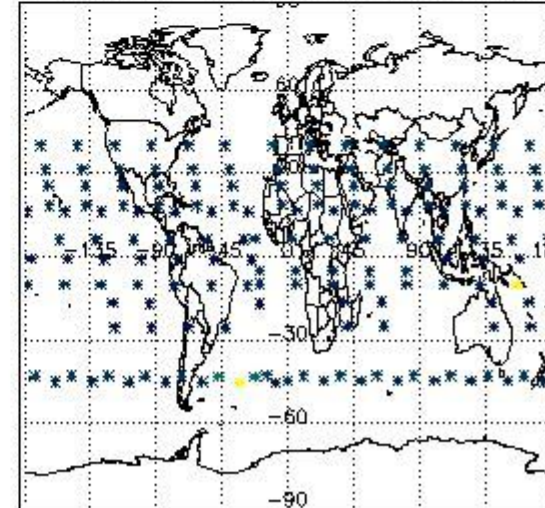
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

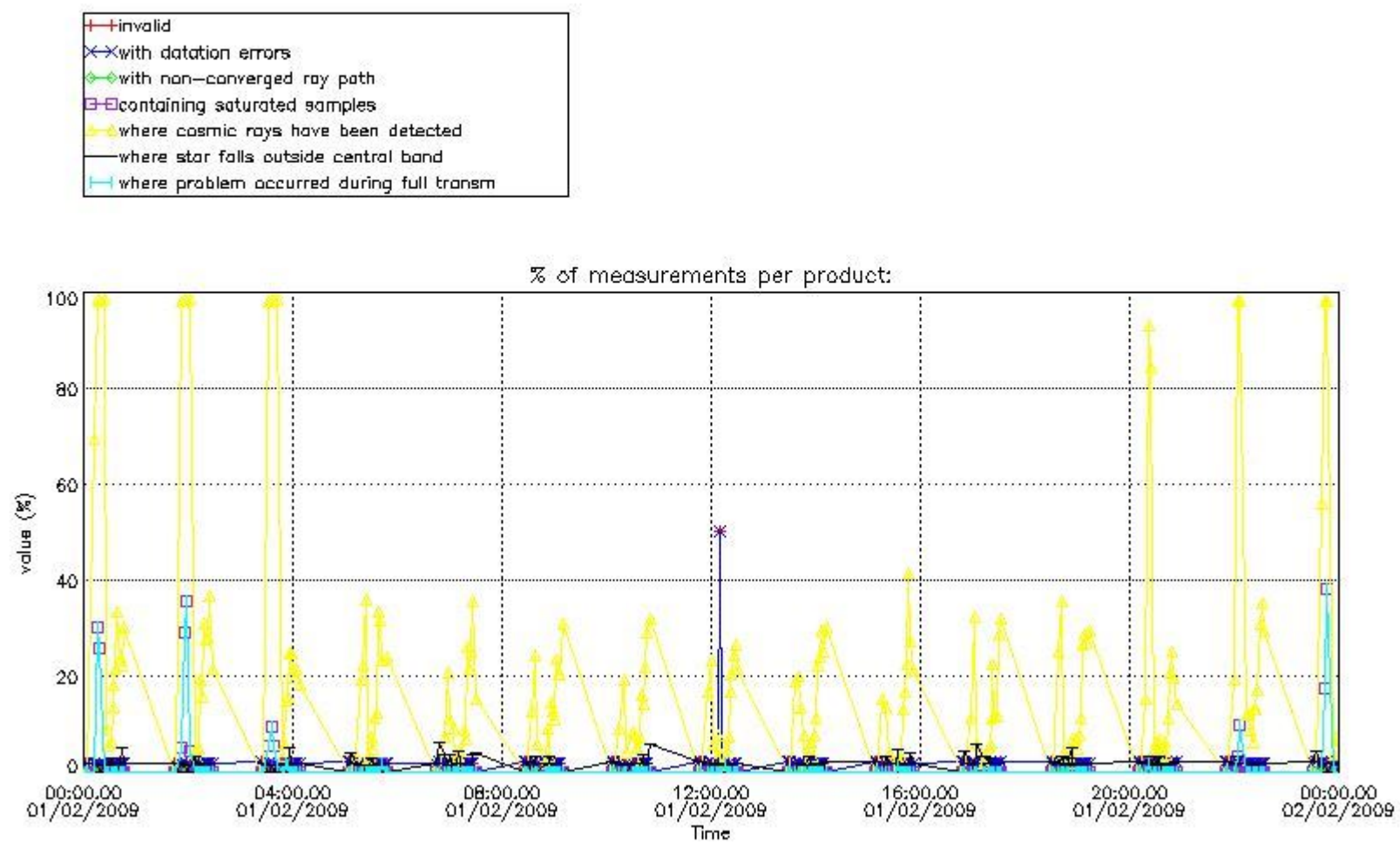


4. Level 1 quality information per product

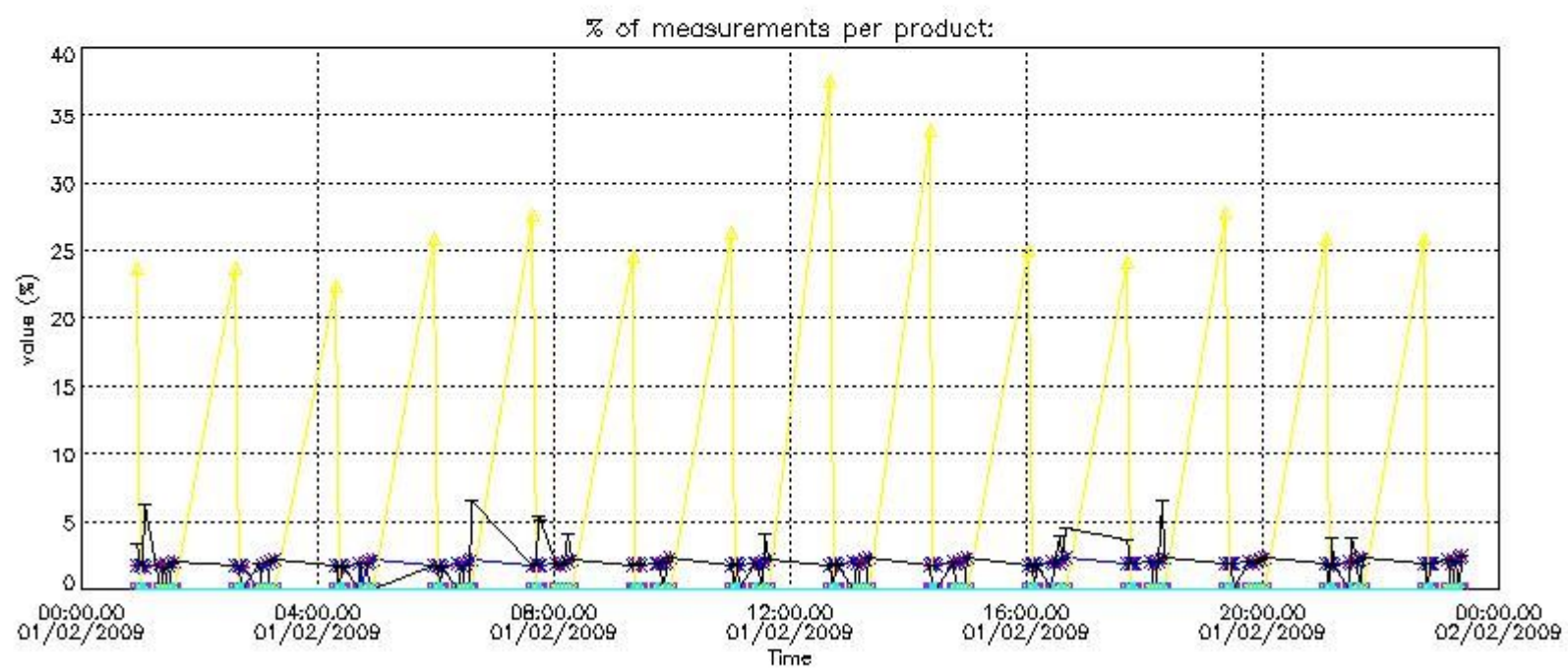
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

4.1 Plot quality information per product (time dependant) coming from level 1b processing

4.1.1 Plot level 1 quality information per product (time dependant): ENVISAT ASCENDING passes



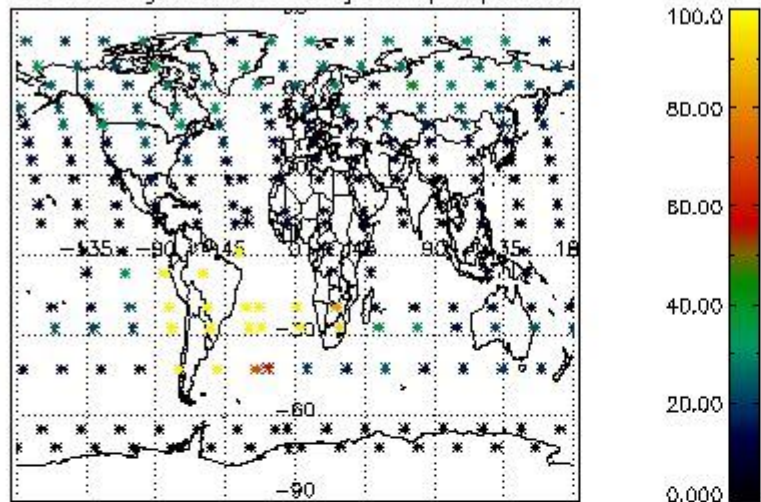
4.1.2 Plot level 1 quality information per product (time dependant): ENVISAT DESCENDING passes



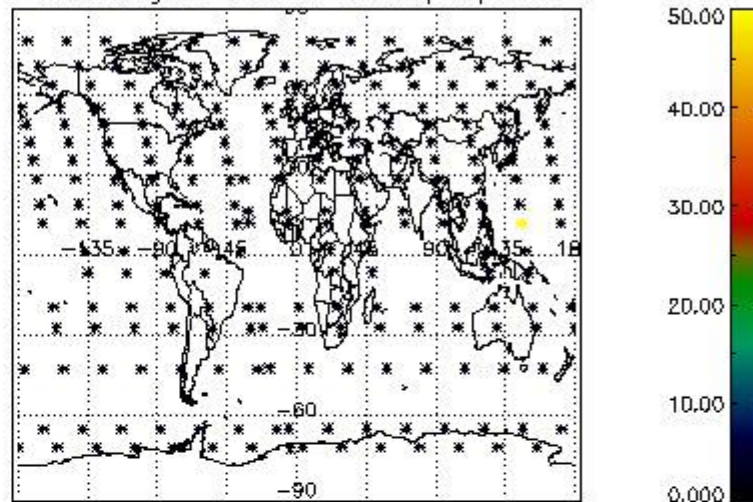
4.2 Plot quality information per product coming from level 1b processing (world map)

4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes

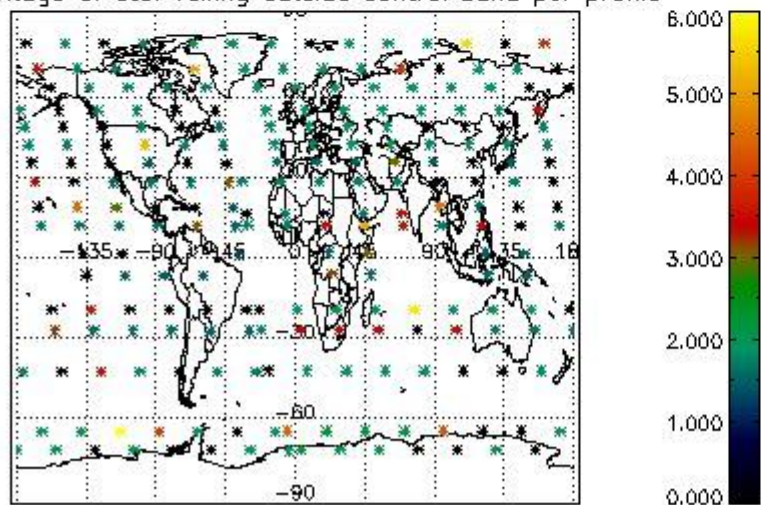
Percentage of cosmic ray hits per profile



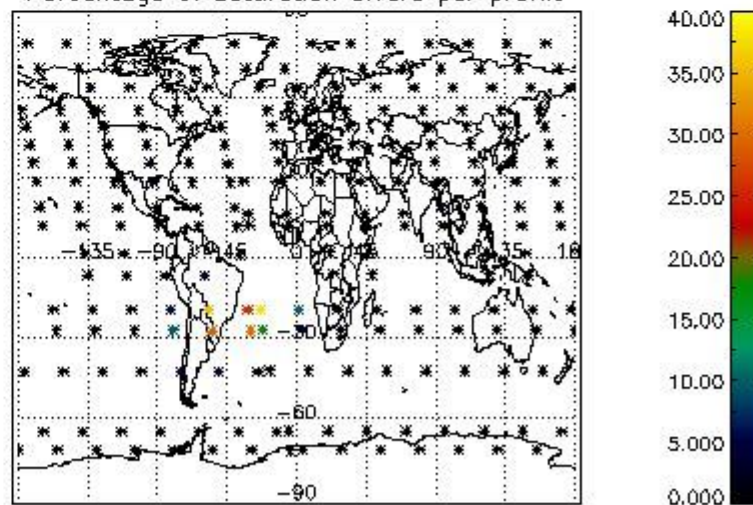
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

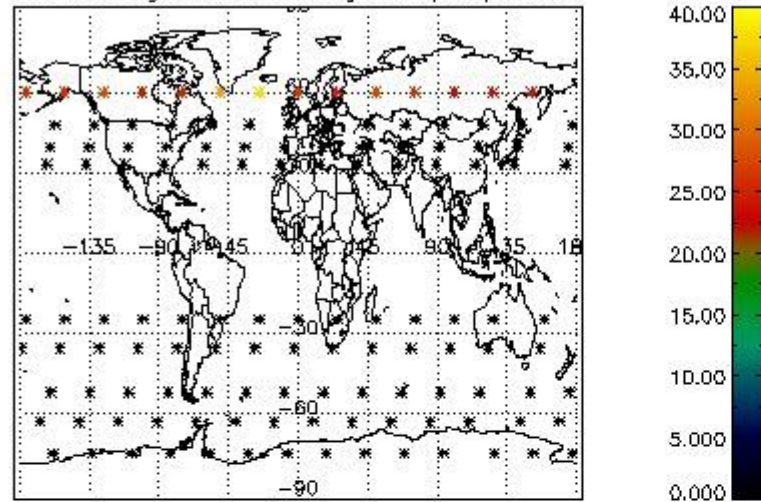


Percentage of saturation errors per profile

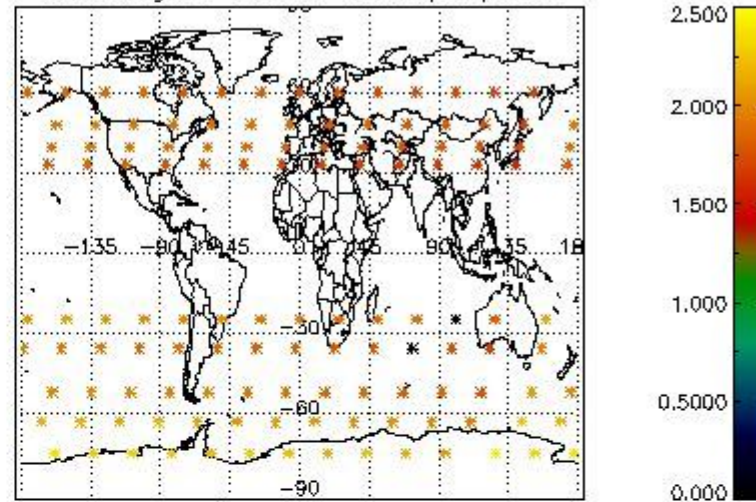


4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes

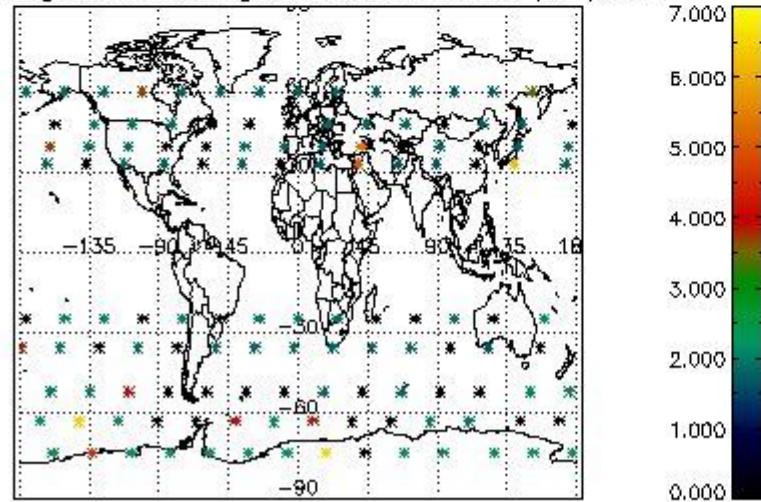
Percentage of cosmic ray hits per profile



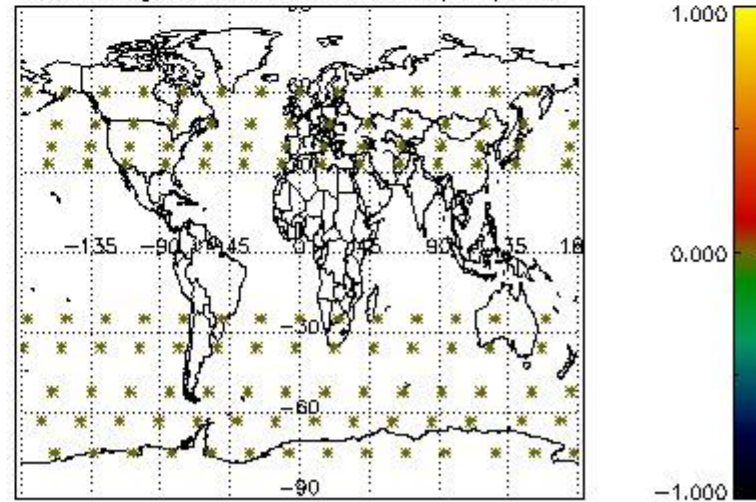
Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

The final quality of the products can be "measured" using the STD (Standard Deviation) attached to every point profile. This information is written to the parameter GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/o3_std of the level 2 products. The table below shows the statistics for given STD ranges.

The statistics are given with respect to the overall valid production:

- Products without fatal errors: GOM_NL__2P/MPH/PRODUCT_ERR=0
- Valid point profile: GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/pcd(0)=0

The 'Criteria' is applied to valid points of dark limb products:

- Products in dark limb illumination condition: GOM_NL__2P/NL_SUMMARY_QUALITY/obs_ill_cond=0
- Products without fatal errors: GOM_NL__2P/MPH/PRODUCT_ERR=0
- Valid point profile: GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/pcd(0)=0

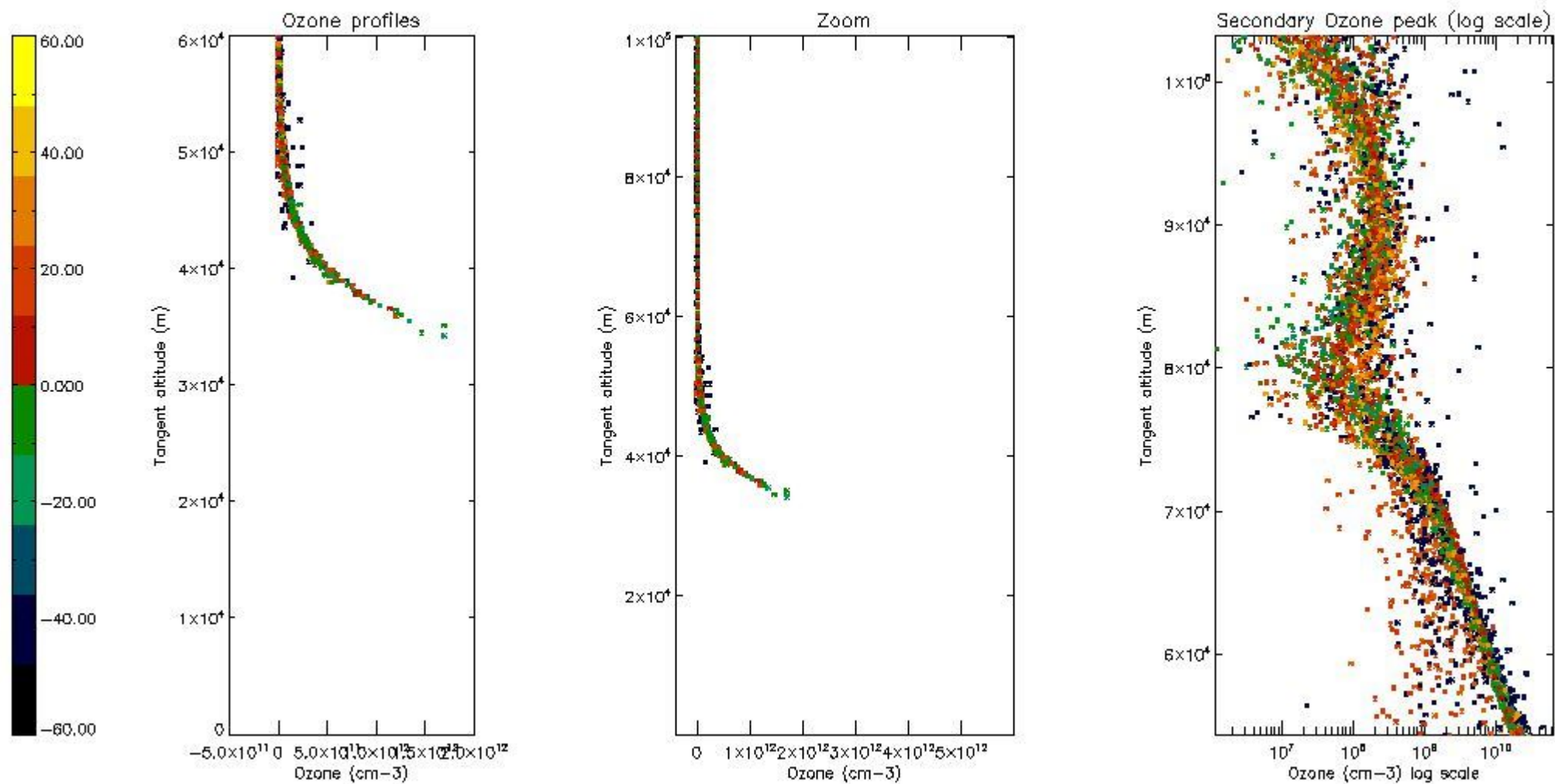
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	48
STD < 20	20

STD < 10	15
STD < 5	12

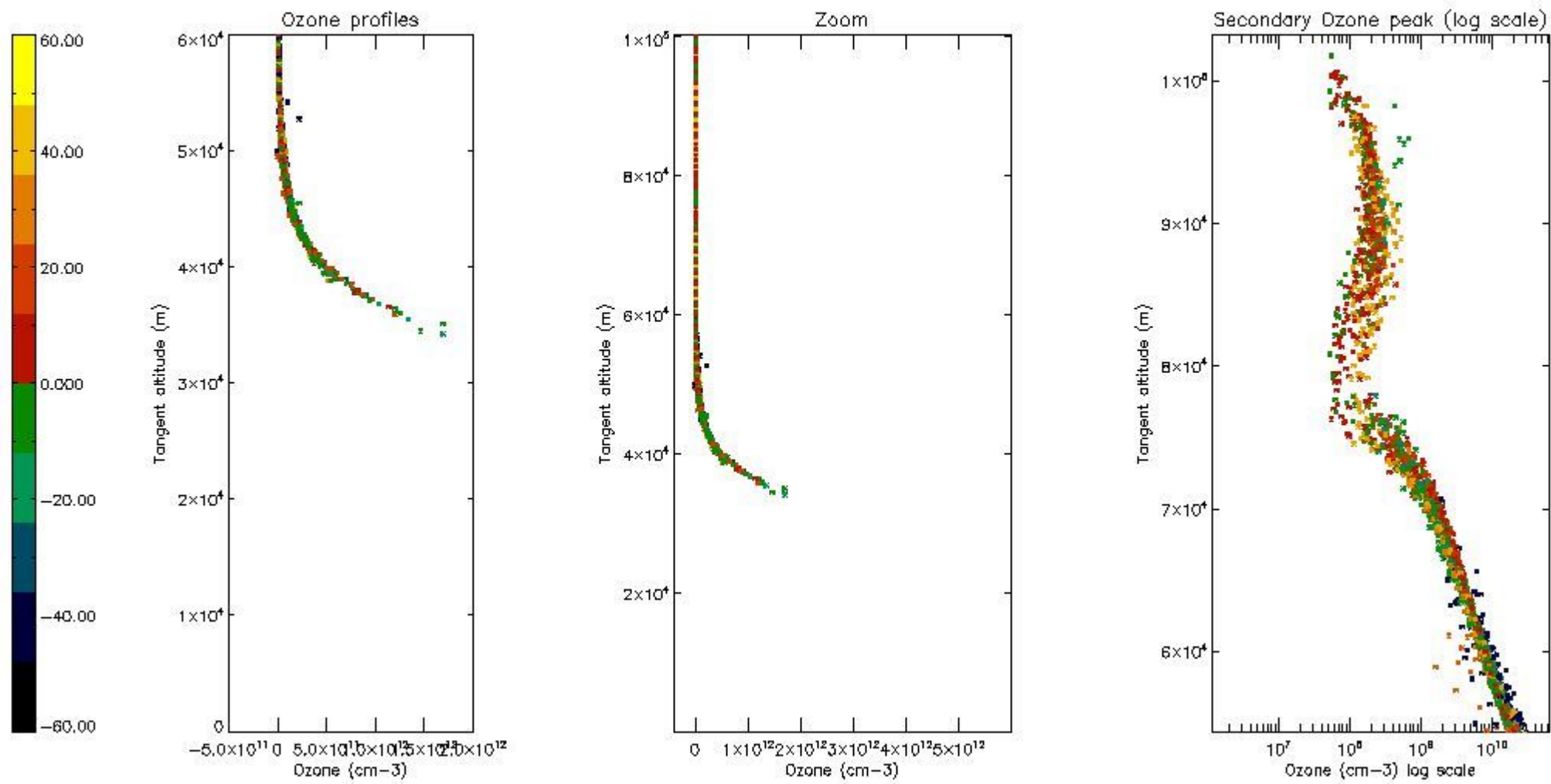
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



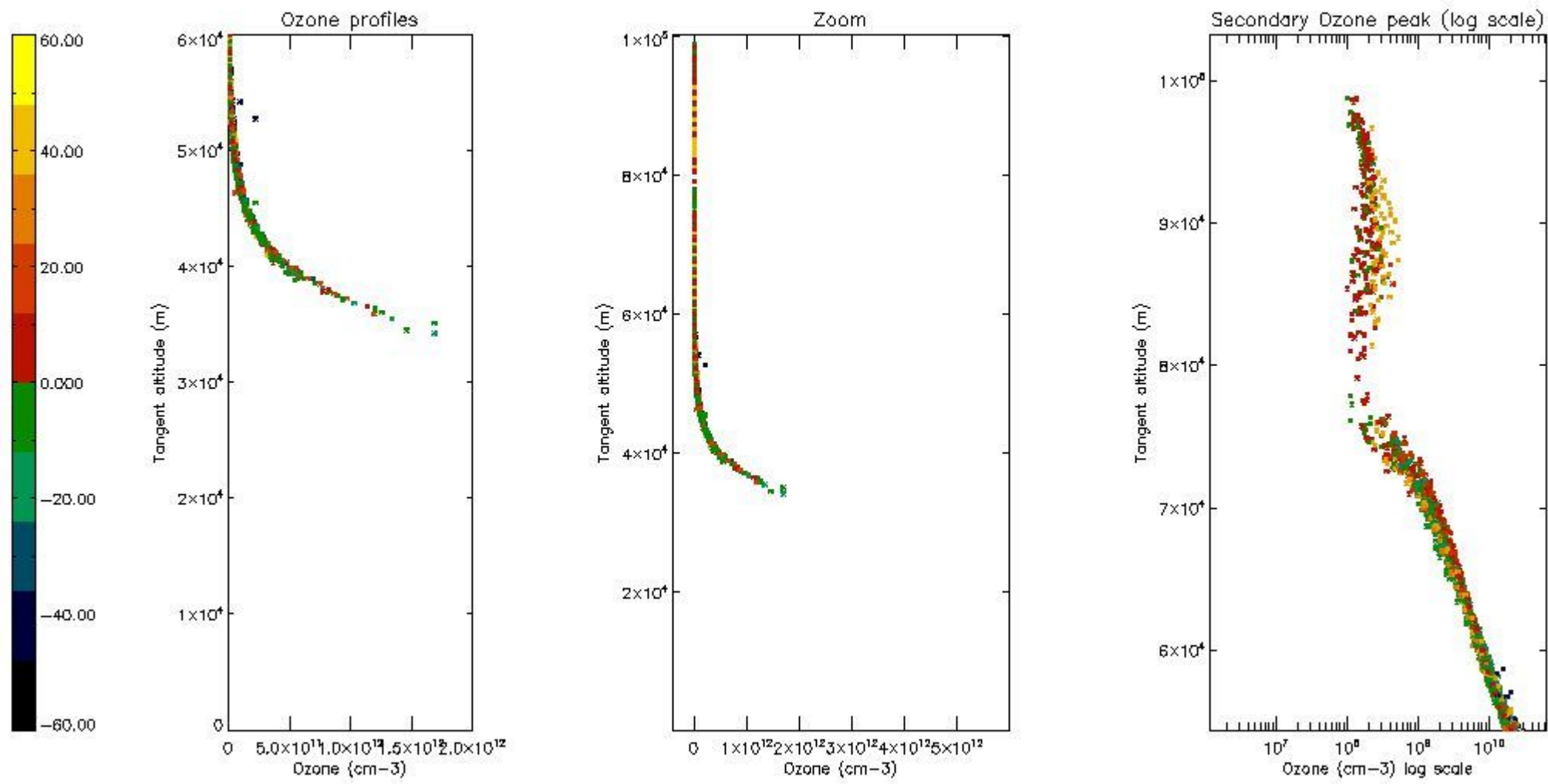
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



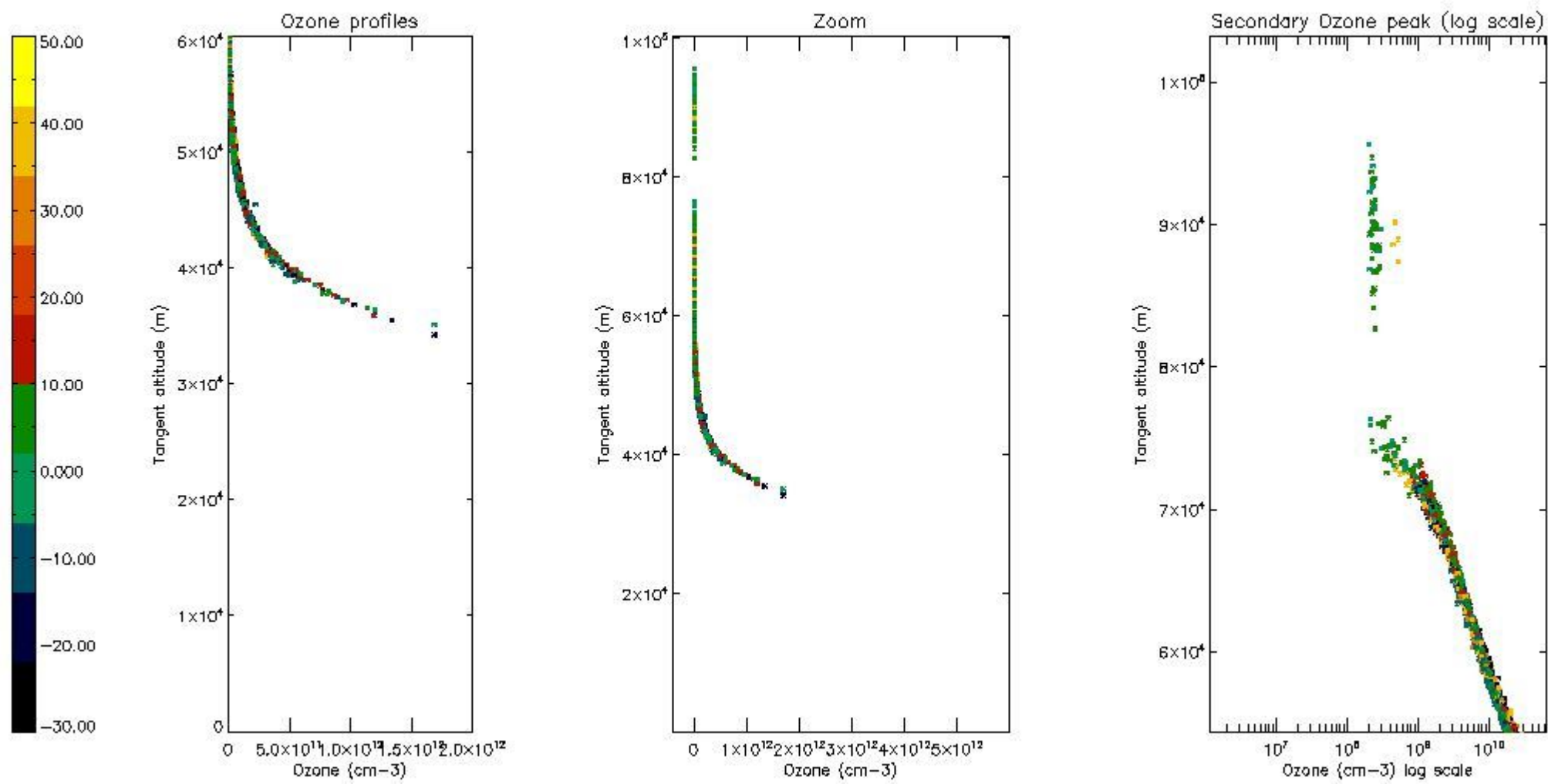
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



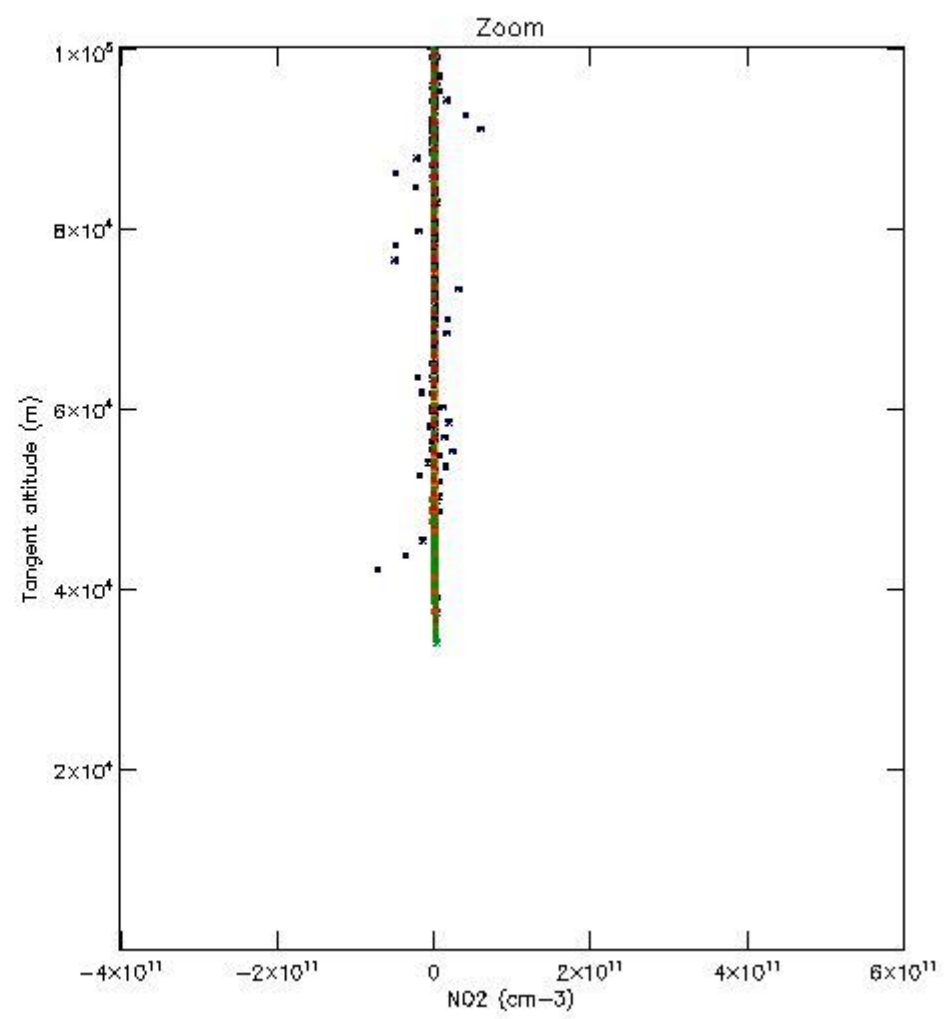
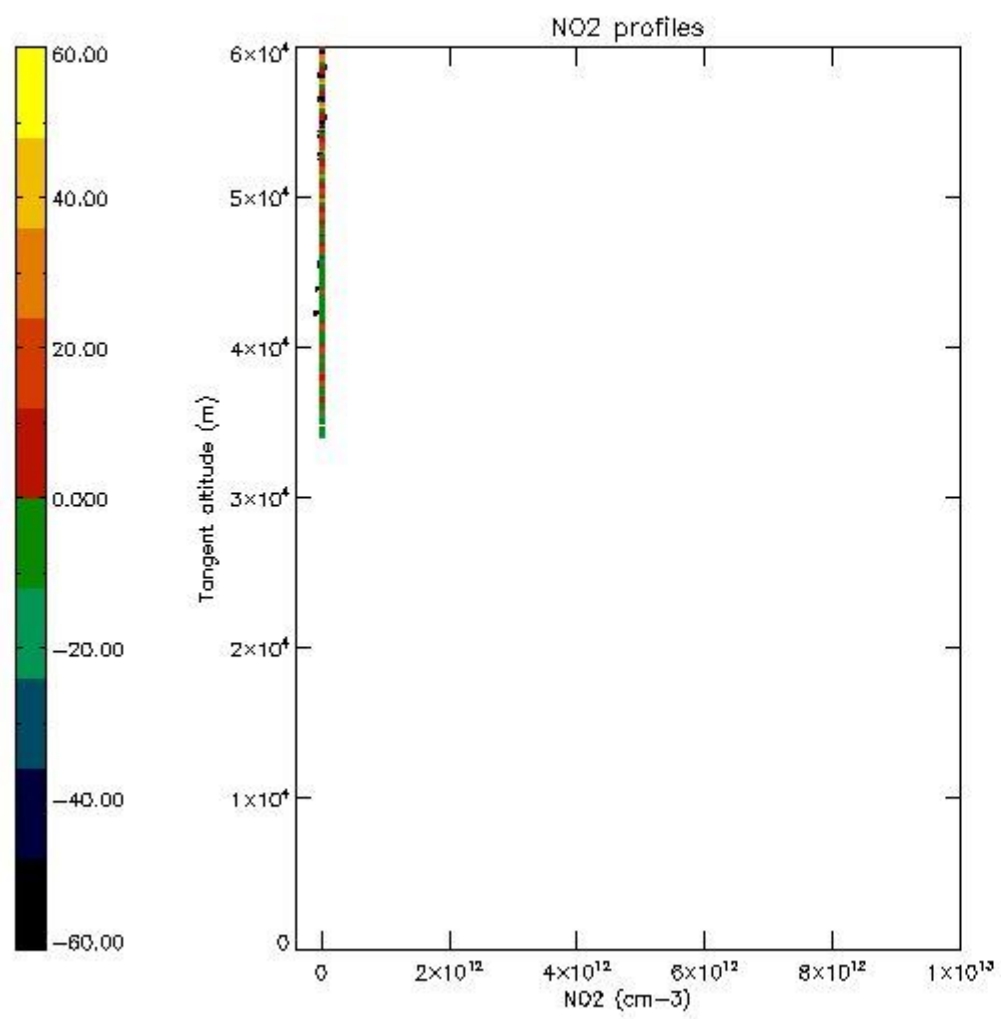
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



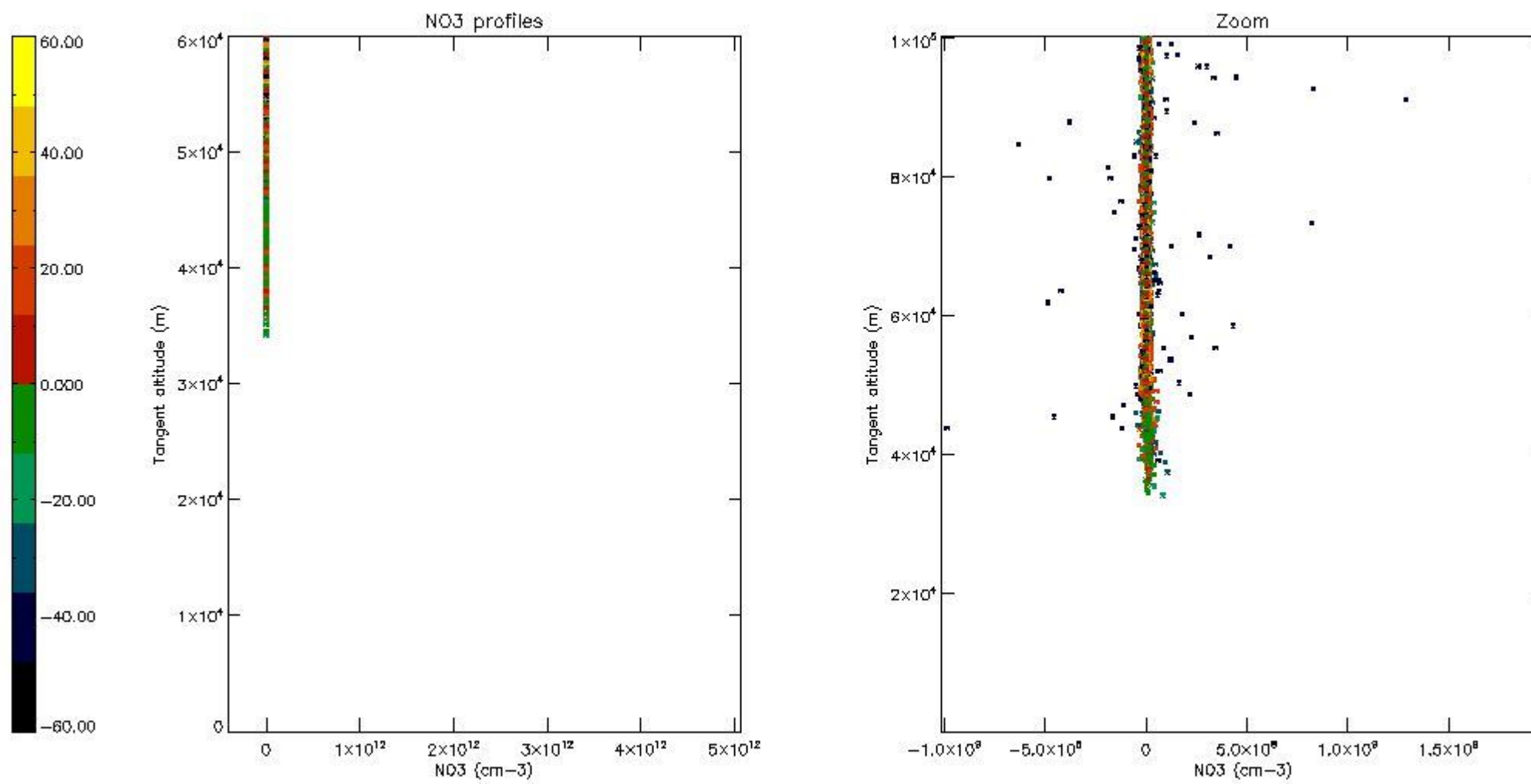
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



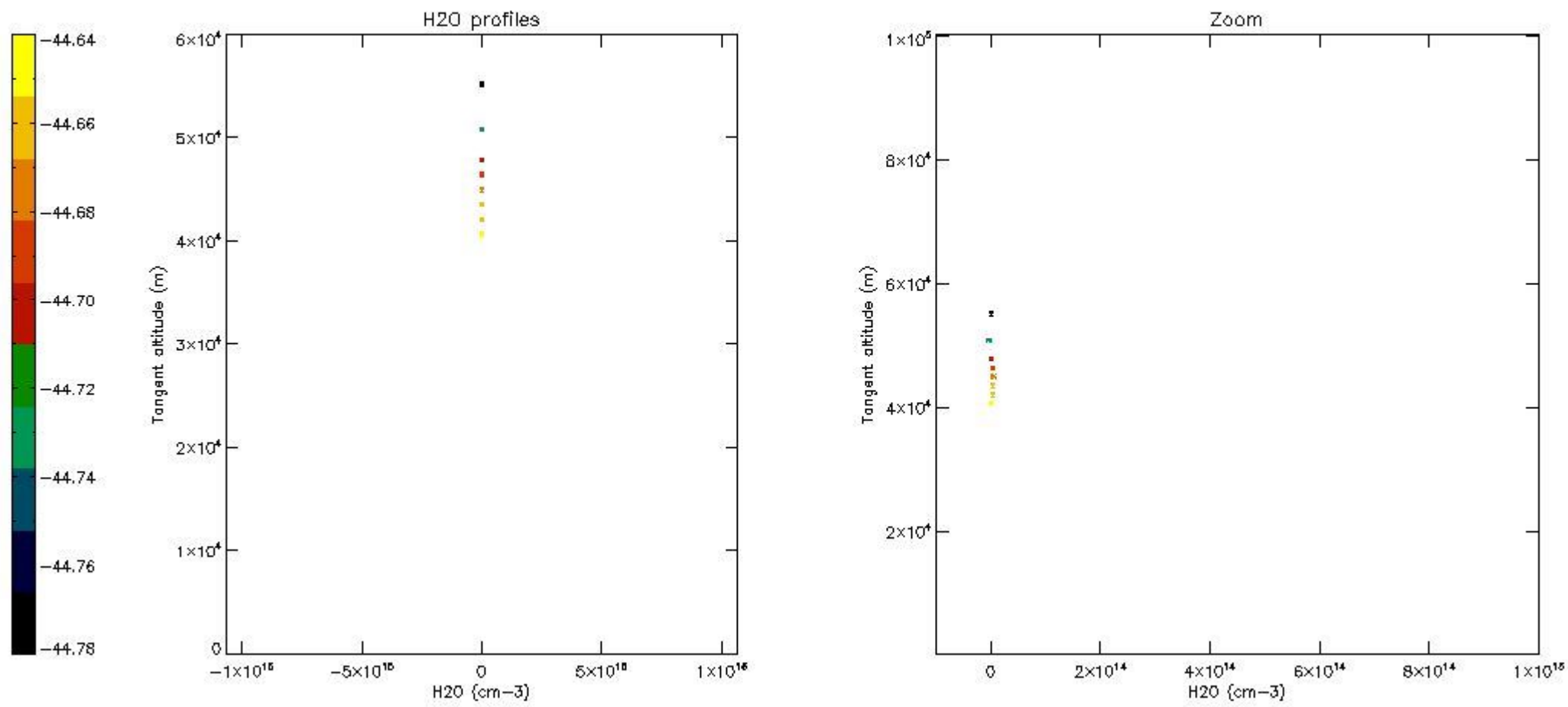
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



5.8 Plot H2O profiles for all STD (only for occultations of stars 1,2,3,4,13,14,16,26,63 dark without errors)

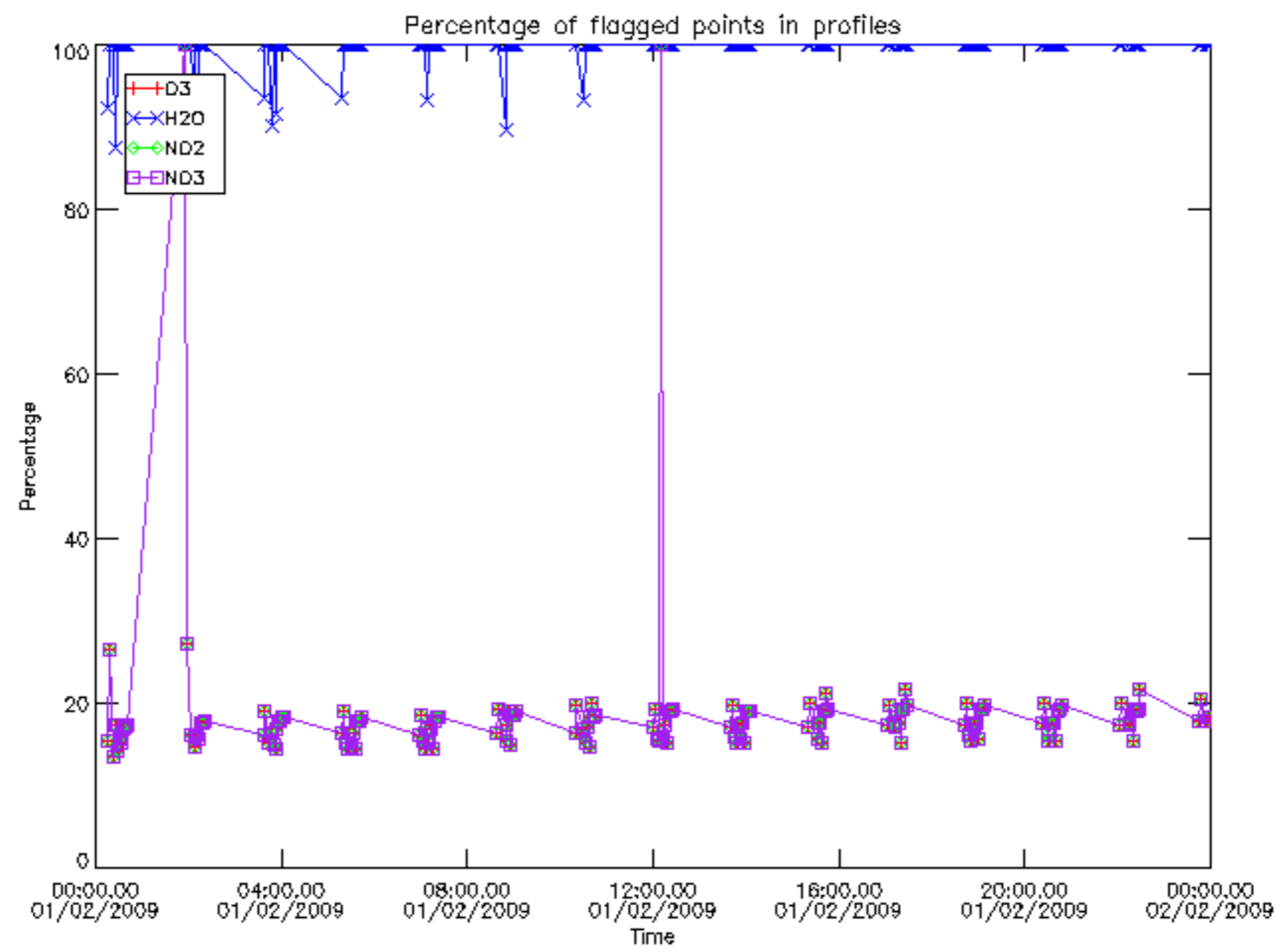
The colorbar represents the latitude.



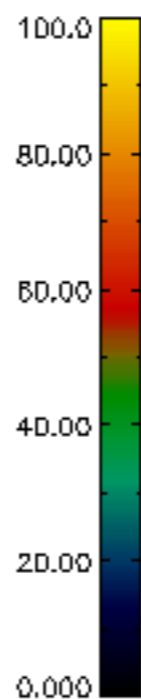
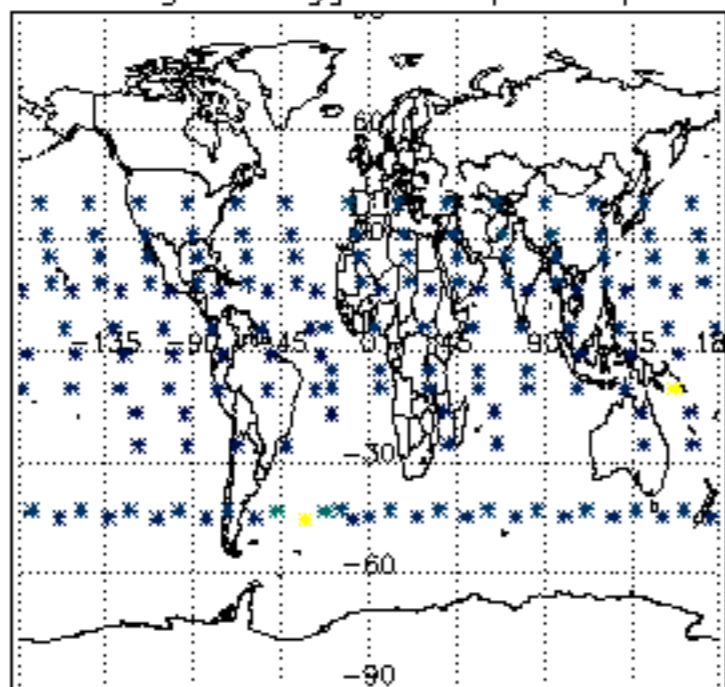
6. Auxiliary Data Files used for the production reported in section 2

The number reported in the third column indicates since which file (see list in section 2) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

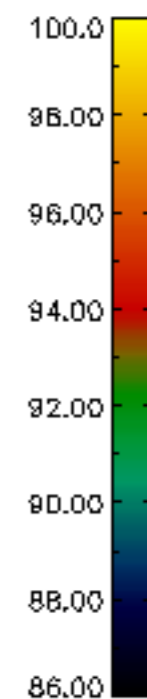
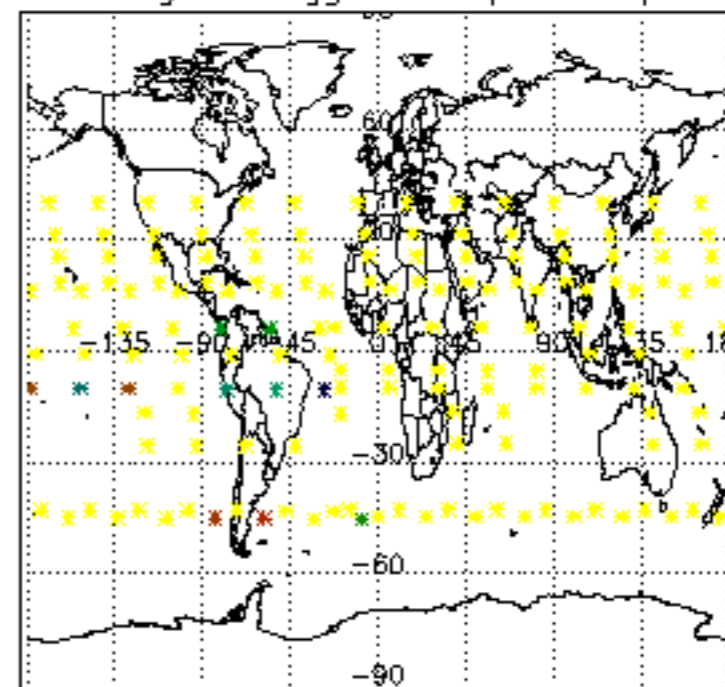
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	01-FEB-2009 00:02:31
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	01-FEB-2009 00:02:31
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	01-FEB-2009 00:02:31



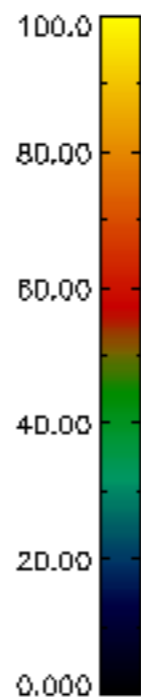
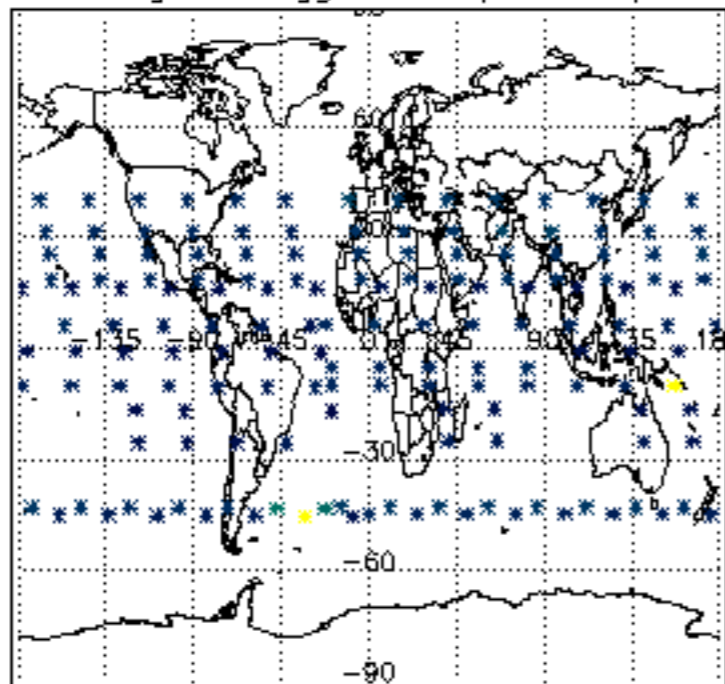
Percentage of flagged data per D3 profile



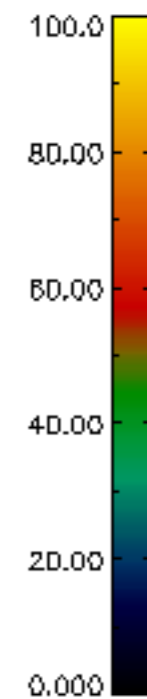
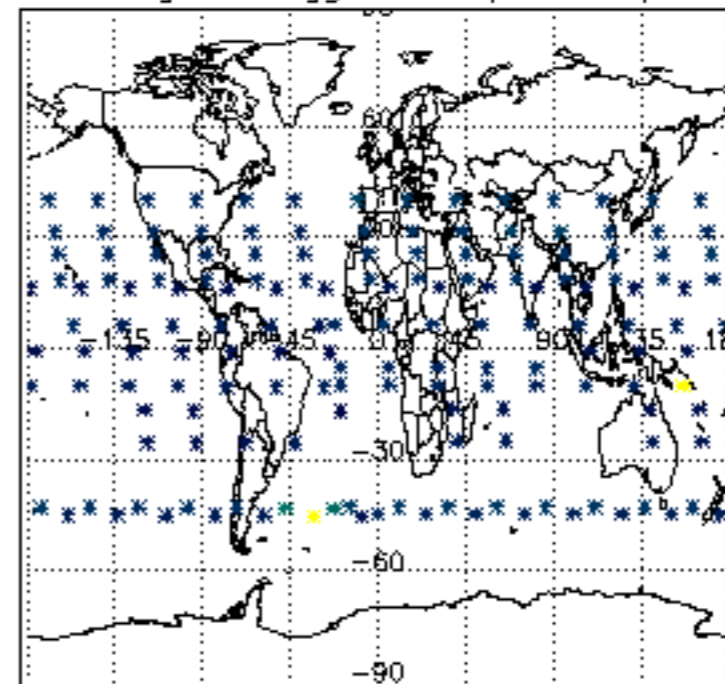
Percentage of flagged data per H2O profile

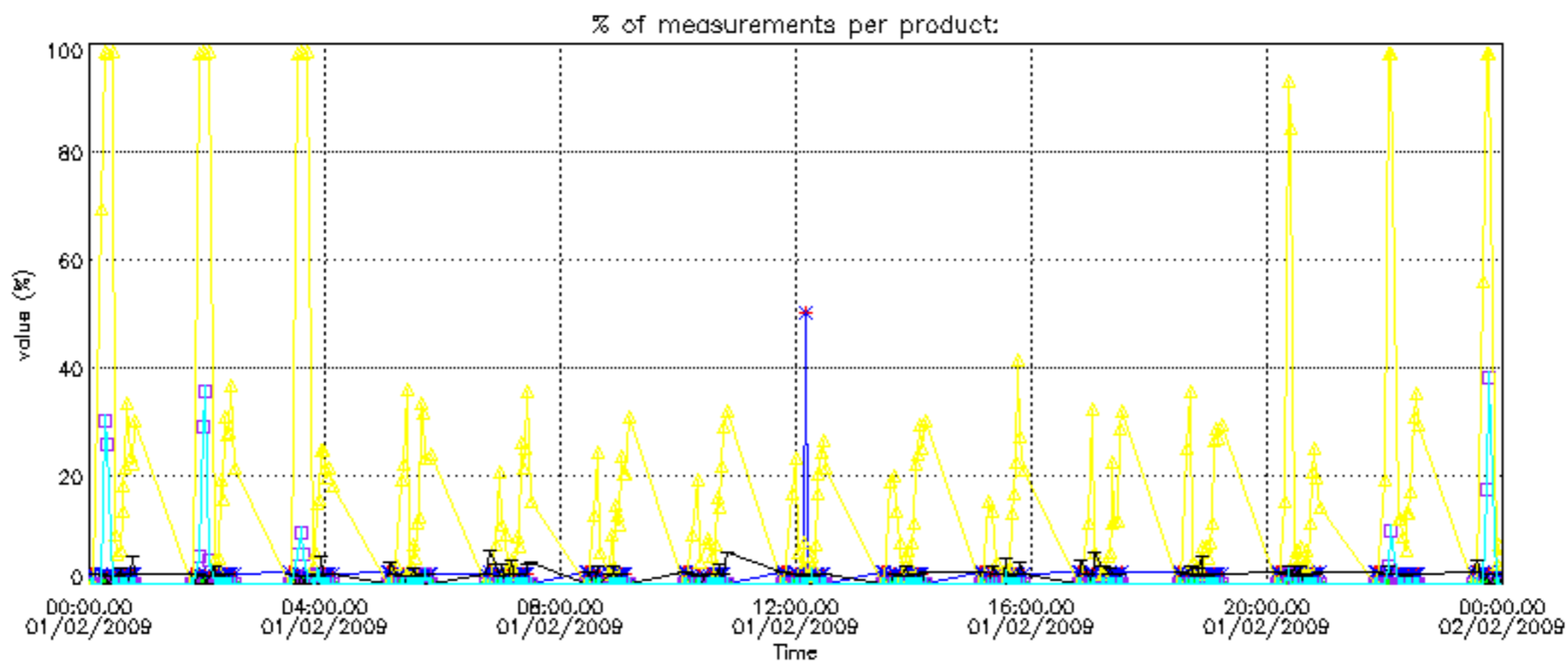


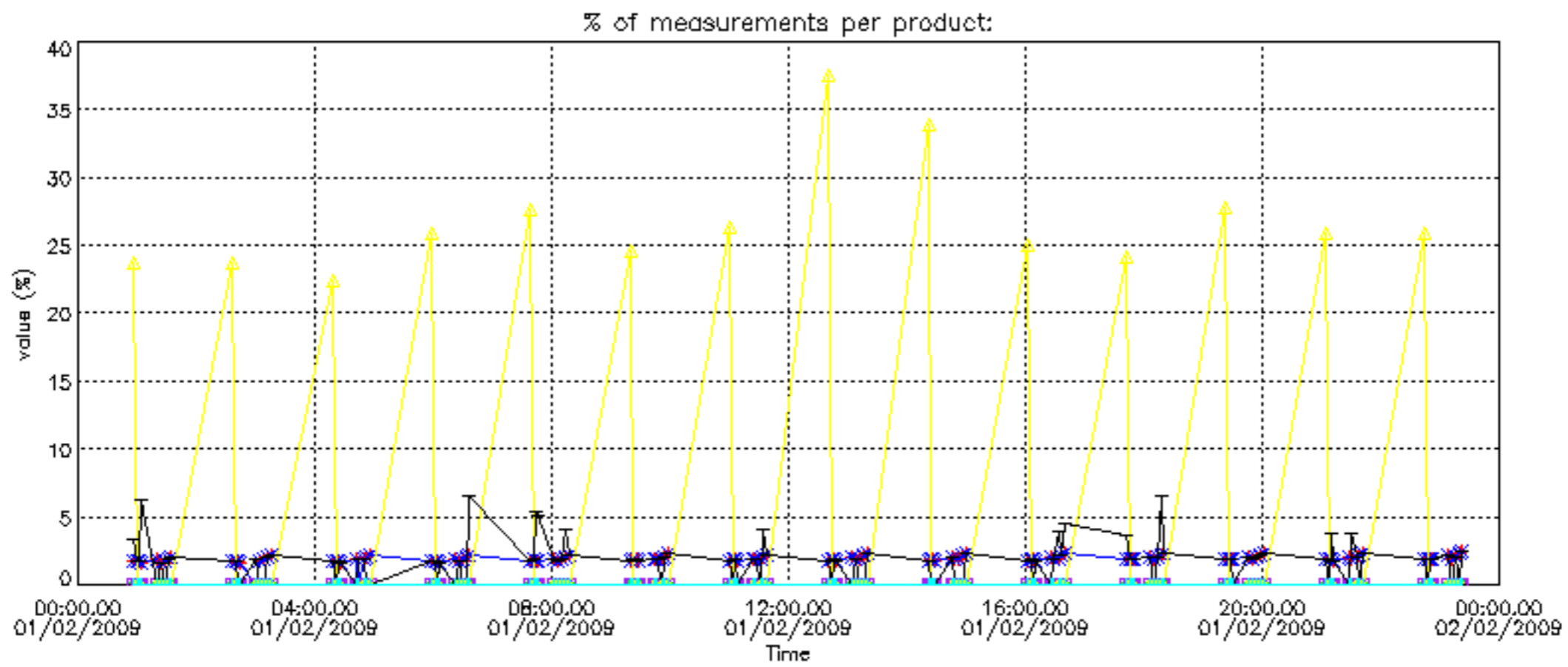
Percentage of flagged data per NO2 profile



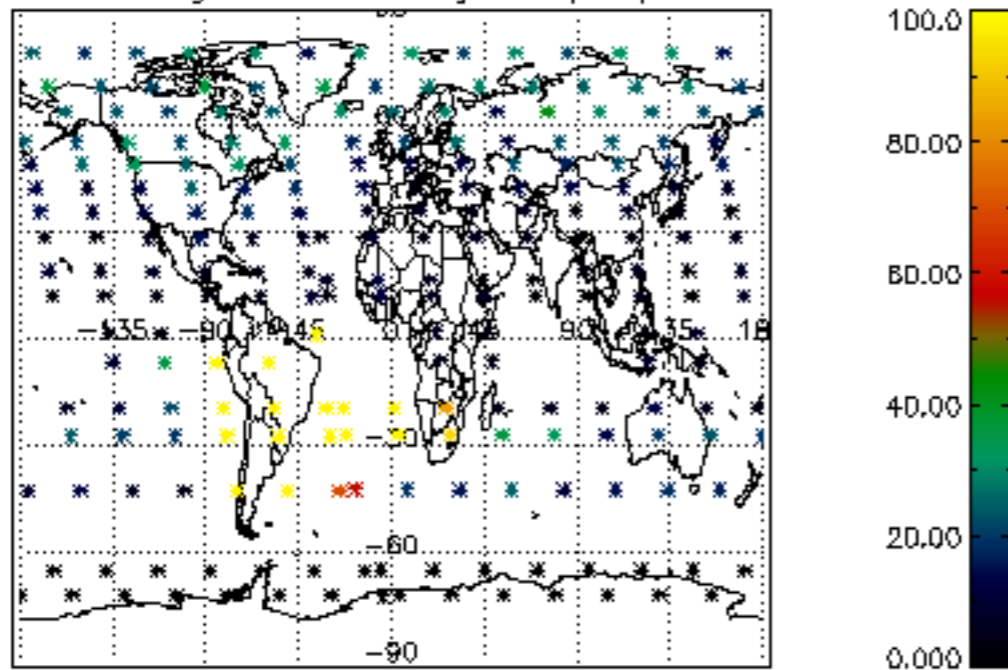
Percentage of flagged data per NO3 profile



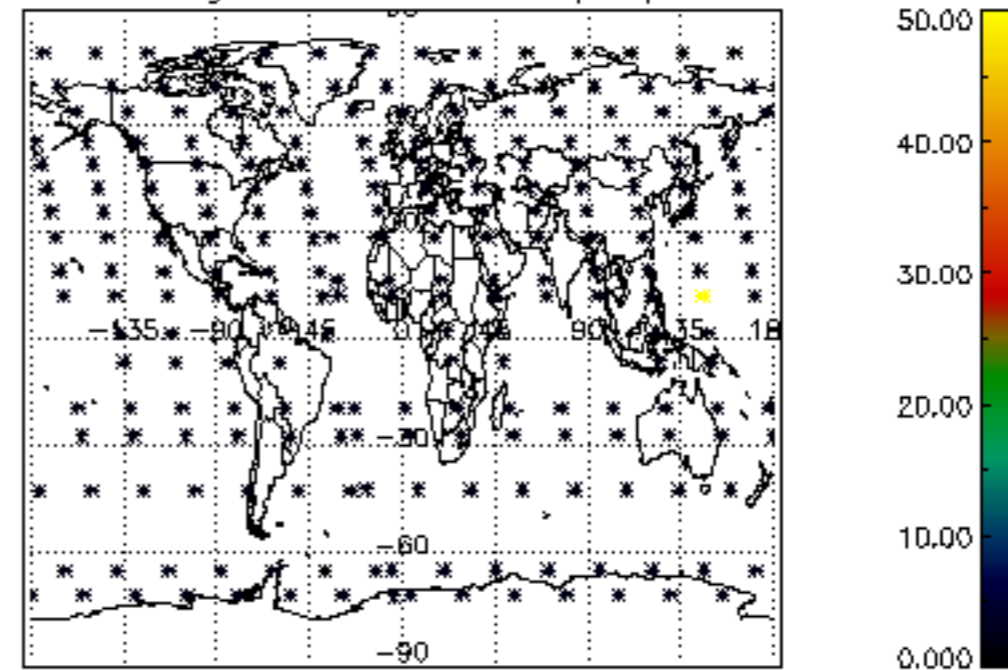




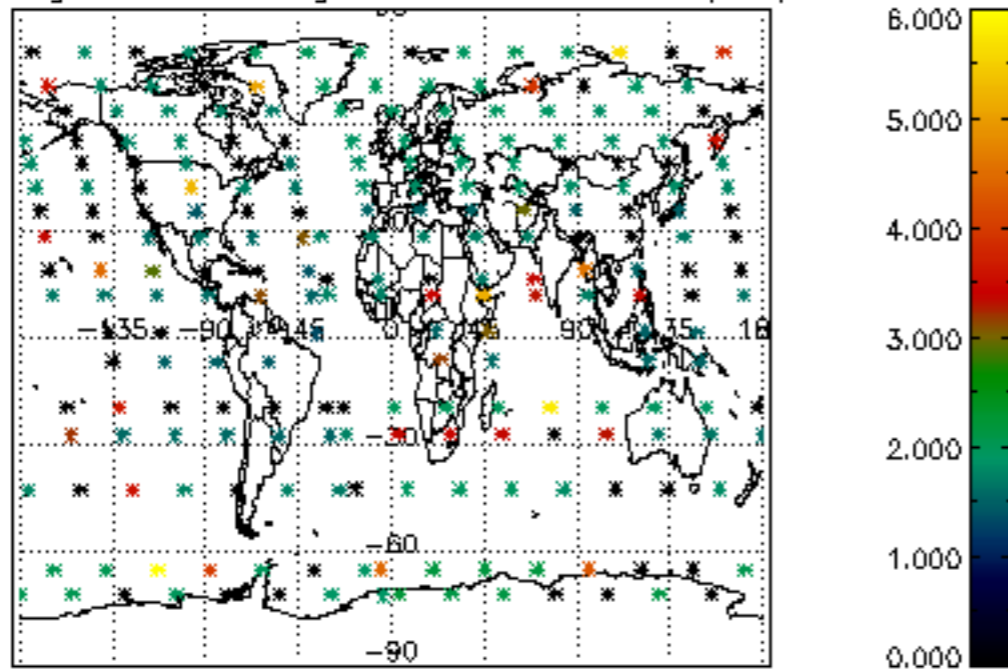
Percentage of cosmic ray hits per profile



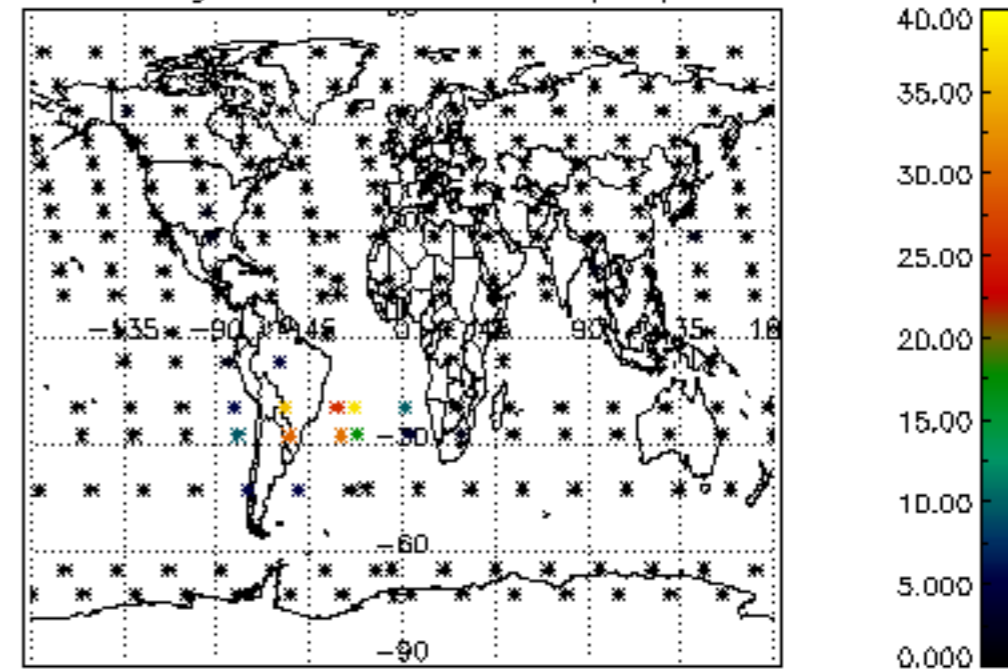
Percentage of datation errors per profile



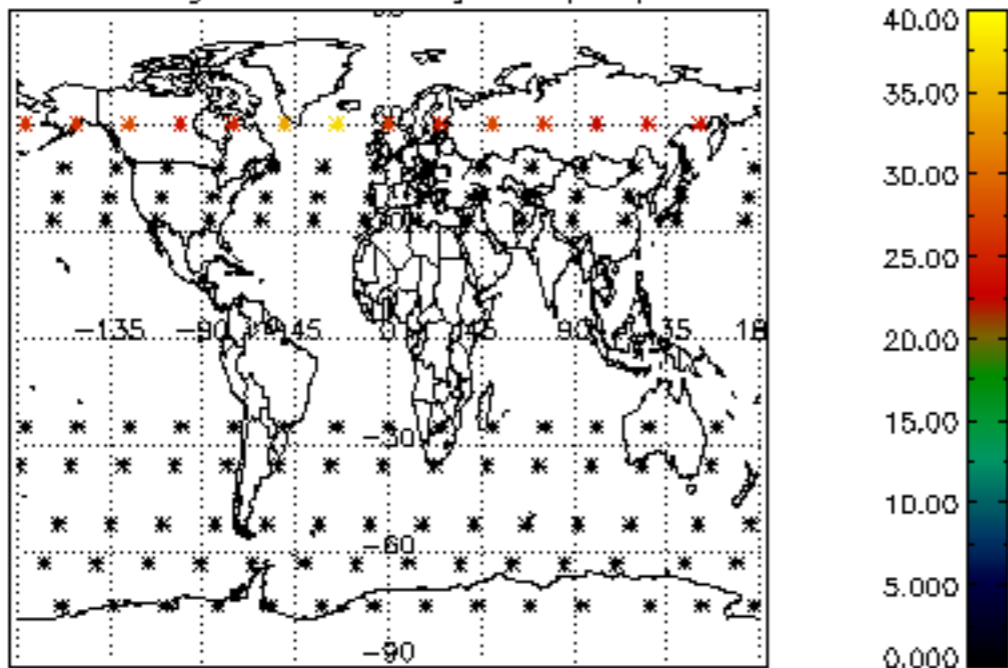
Percentage of star falling outside central band per profile



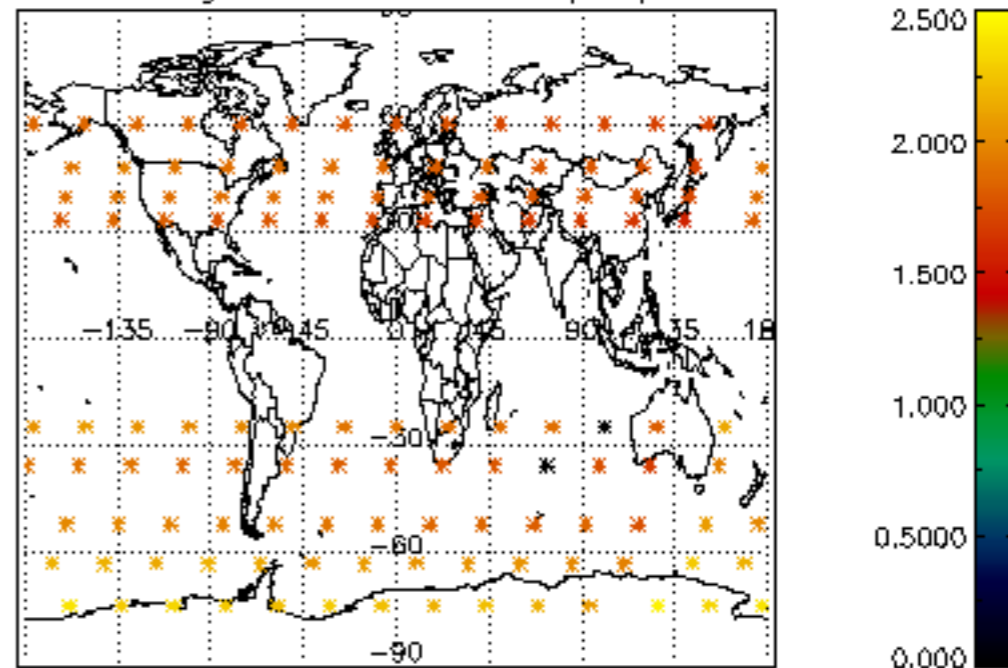
Percentage of saturation errors per profile



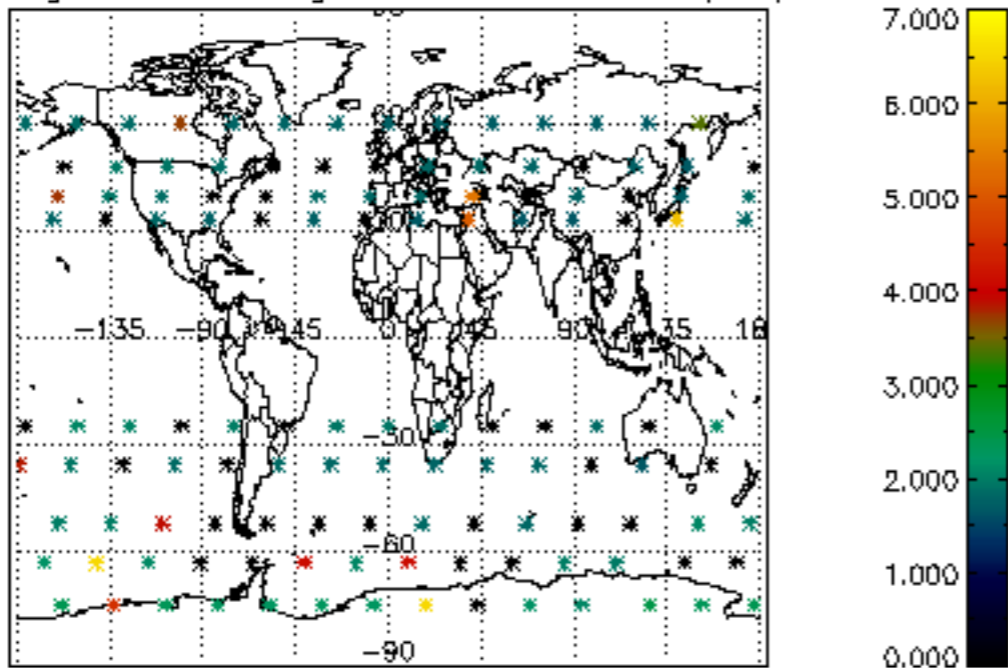
Percentage of cosmic ray hits per profile



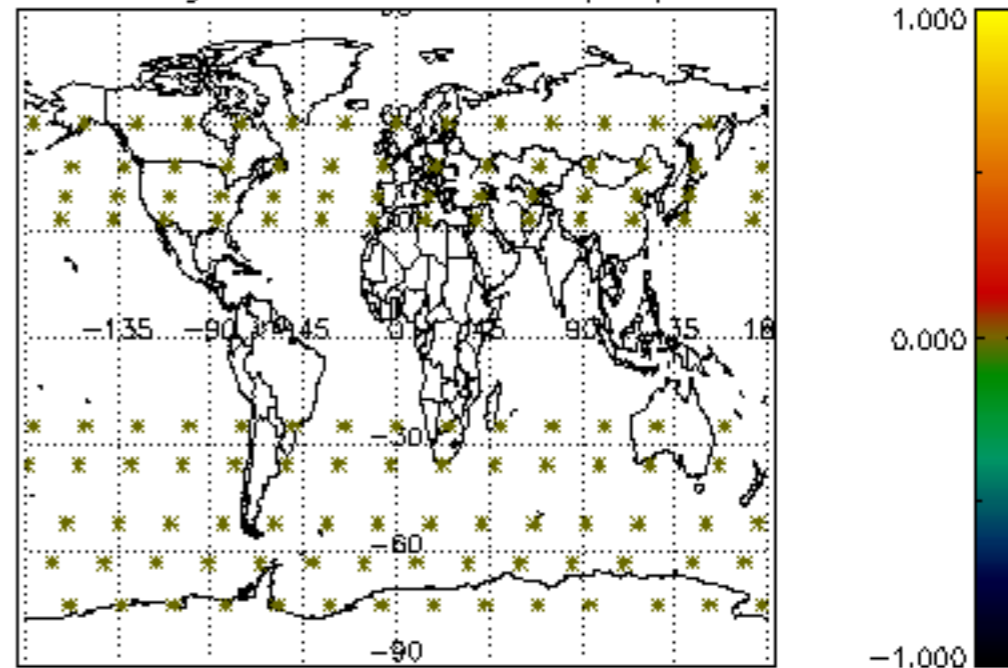
Percentage of datation errors per profile

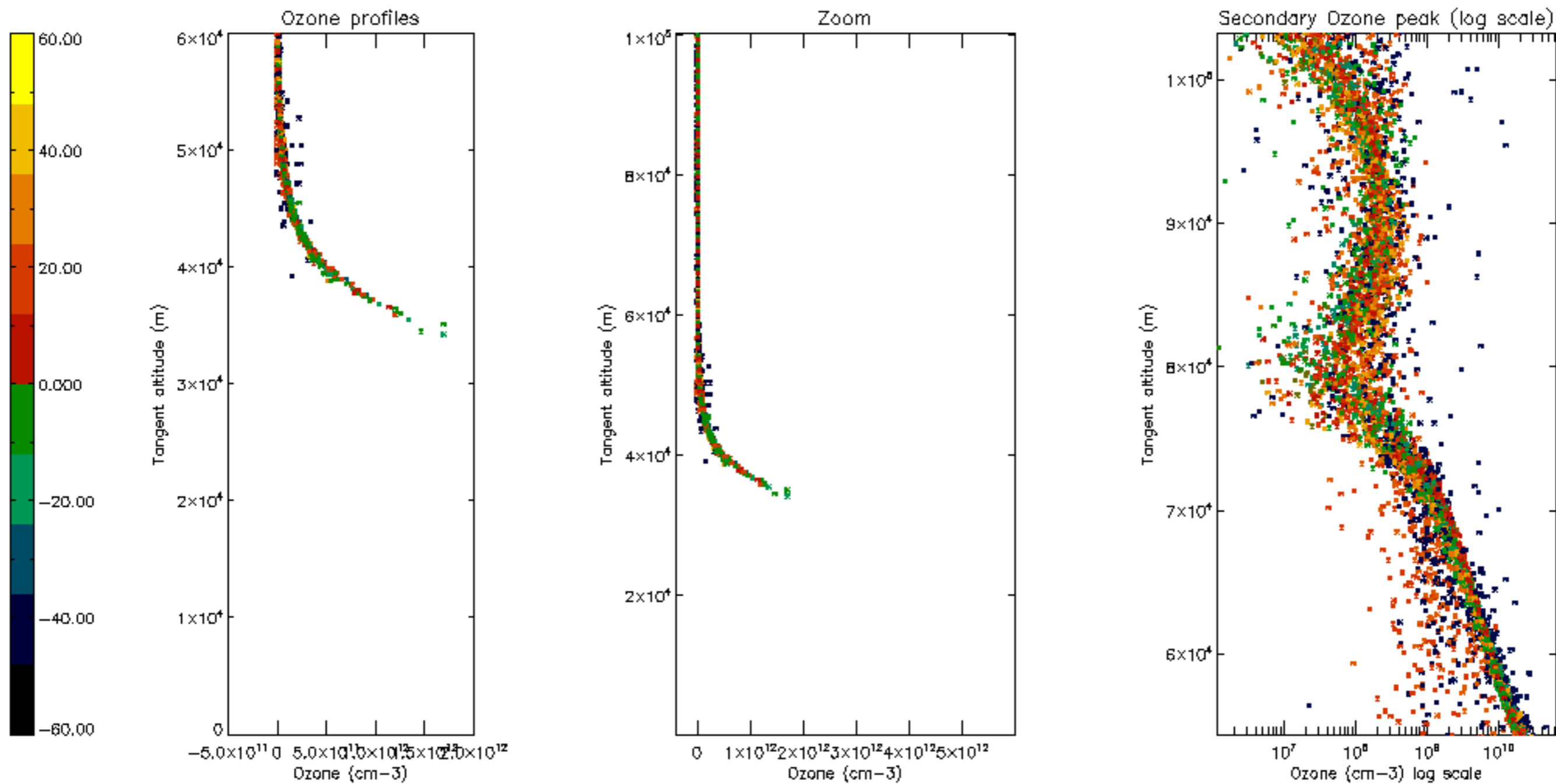


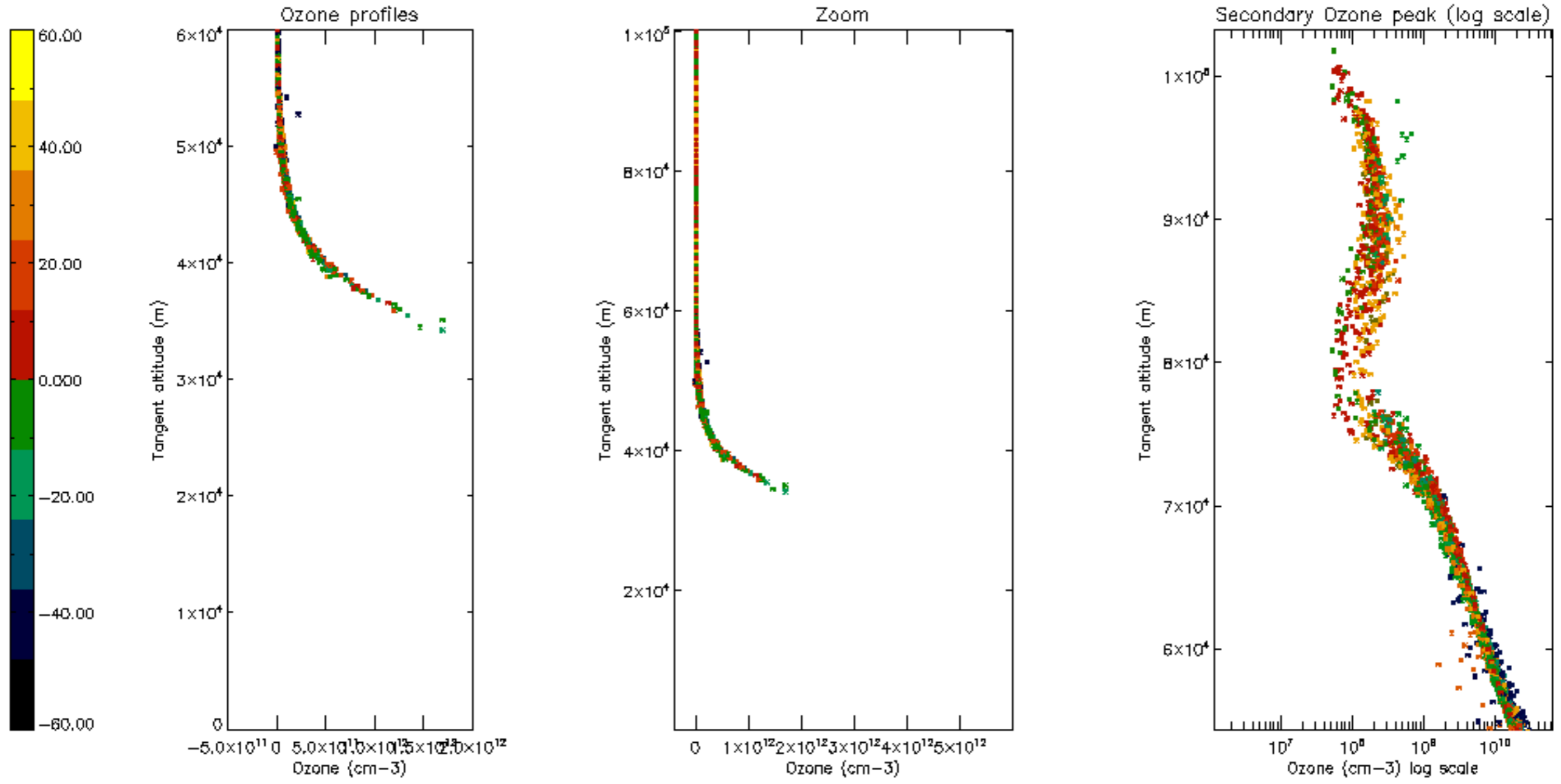
Percentage of star falling outside central band per profile

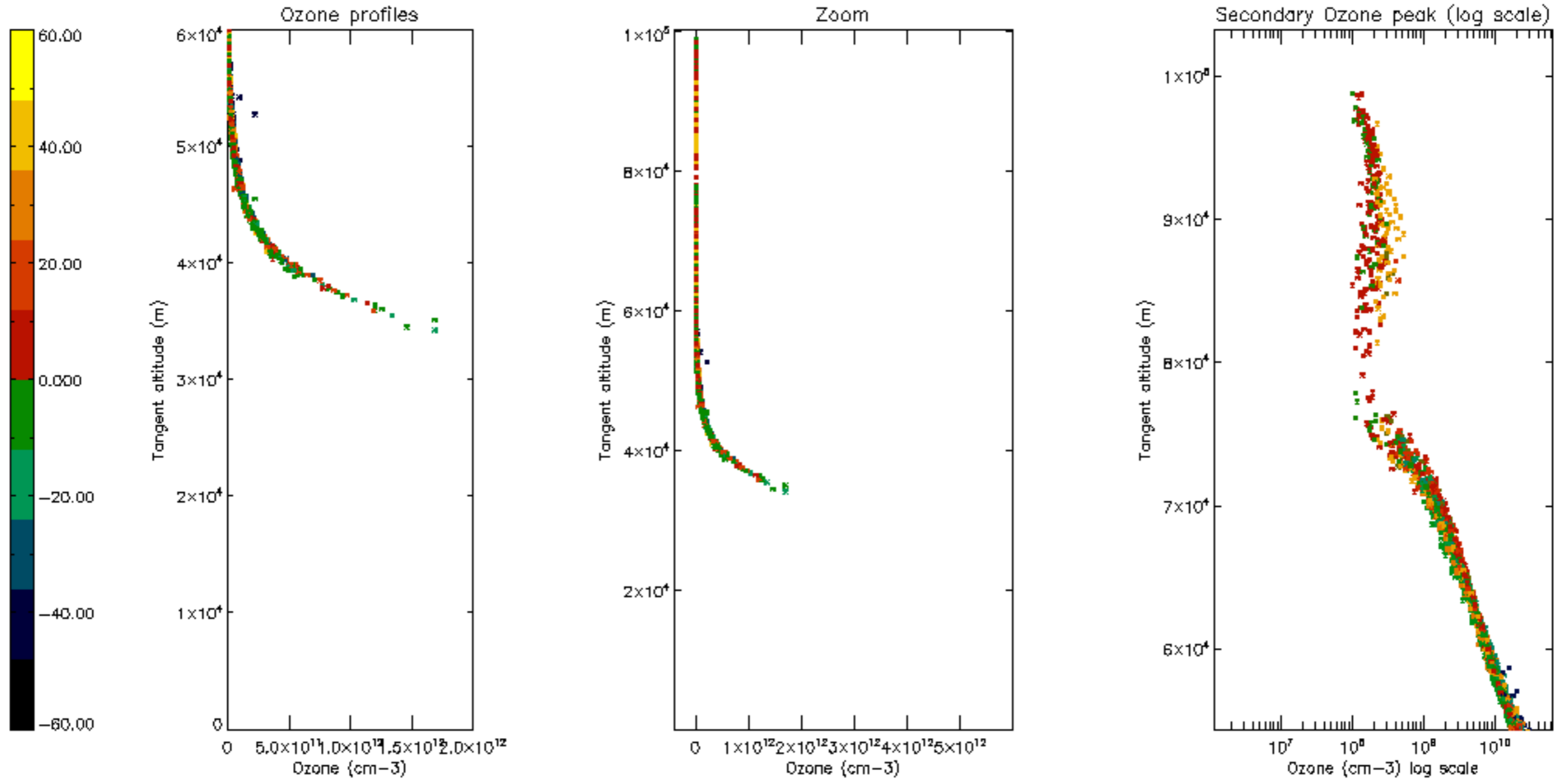


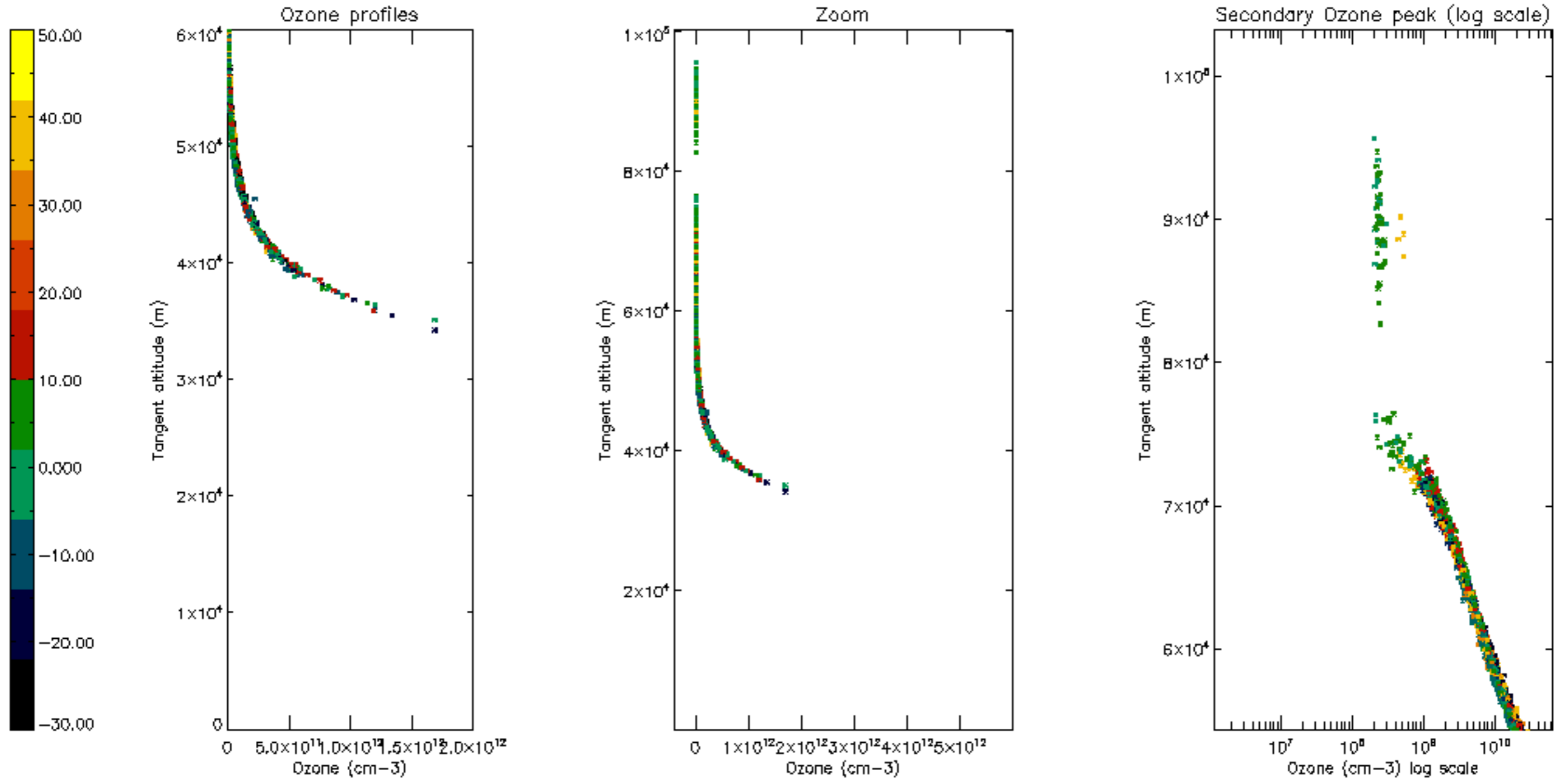
Percentage of saturation errors per profile

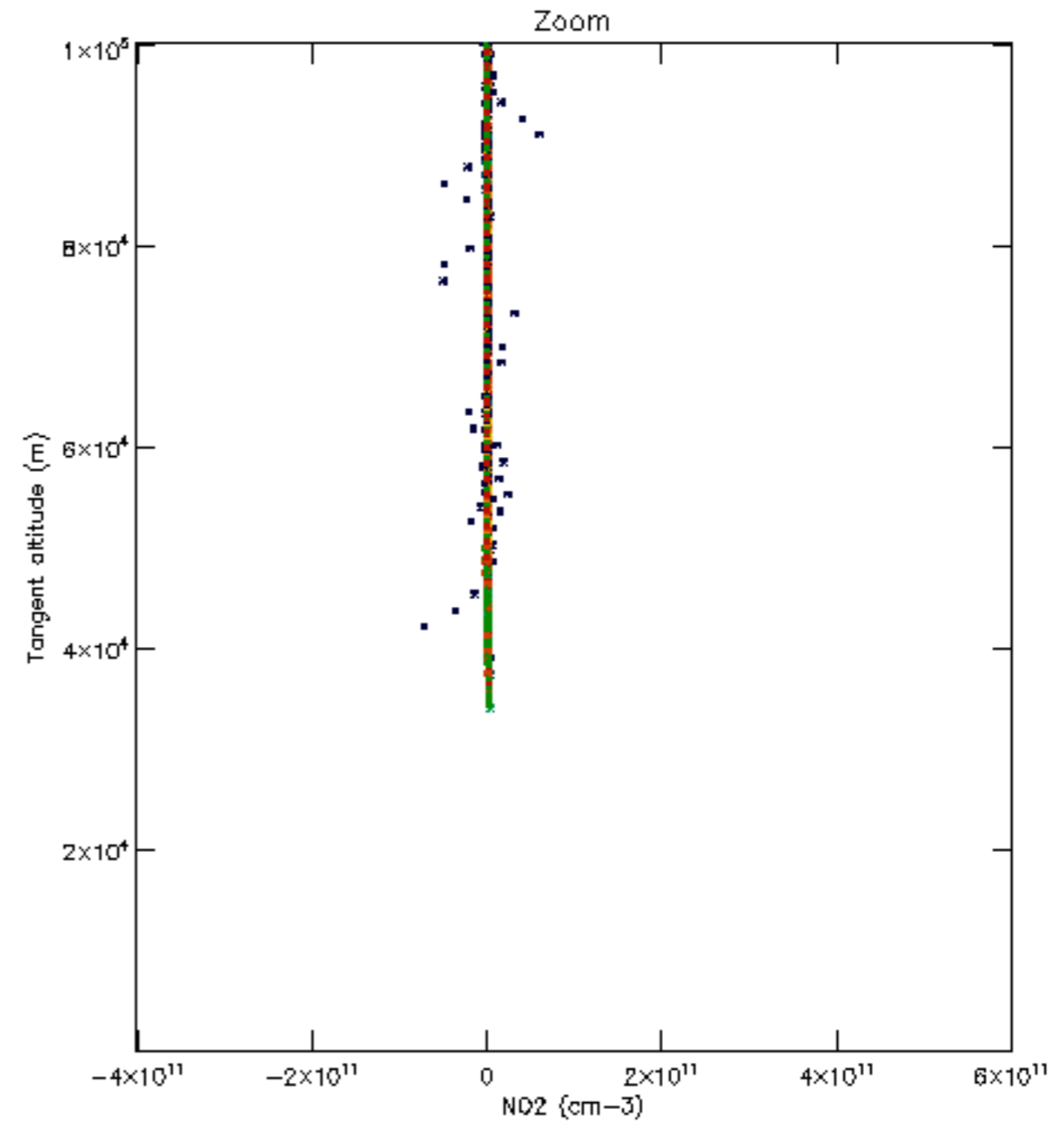
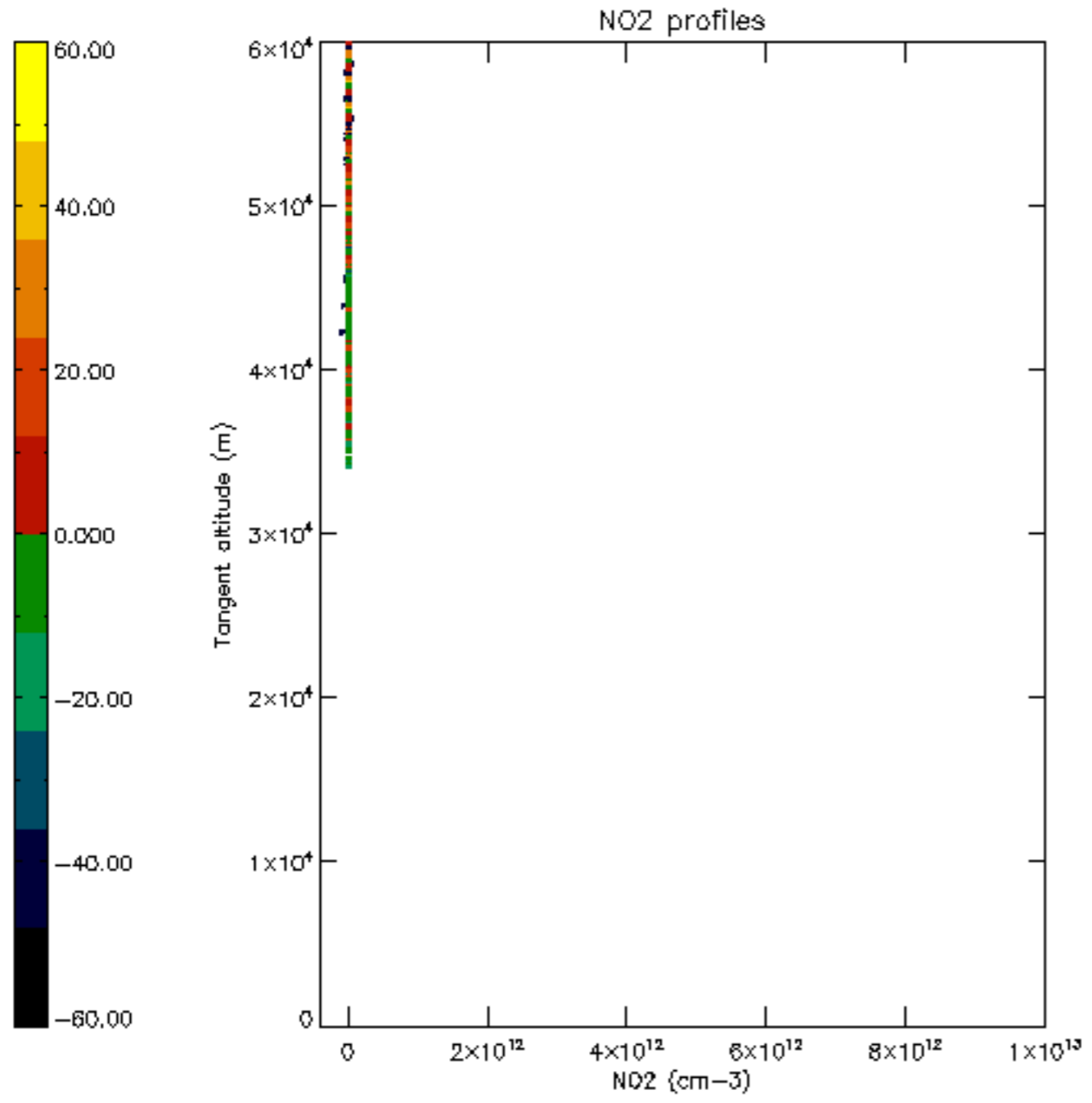


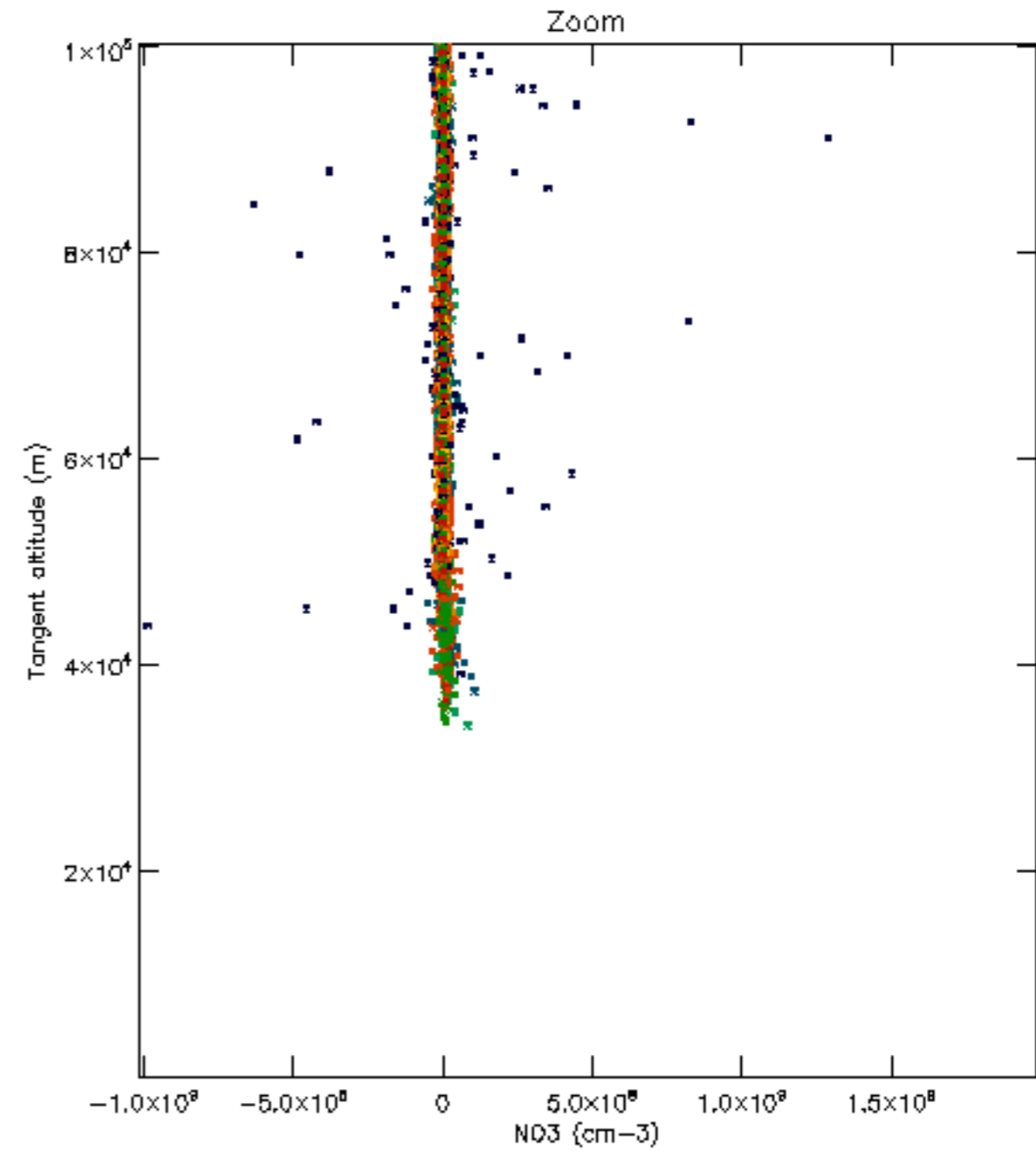
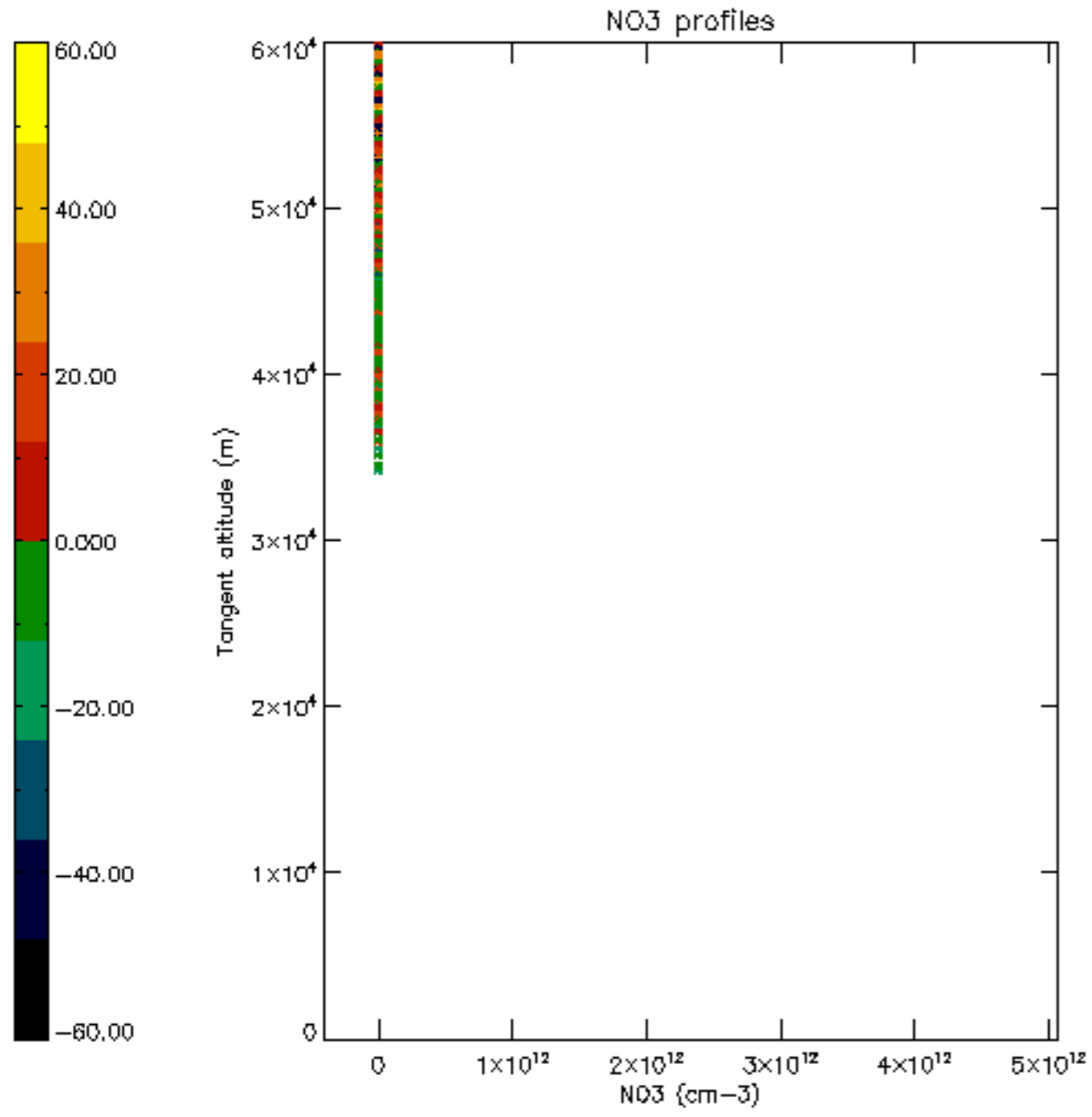


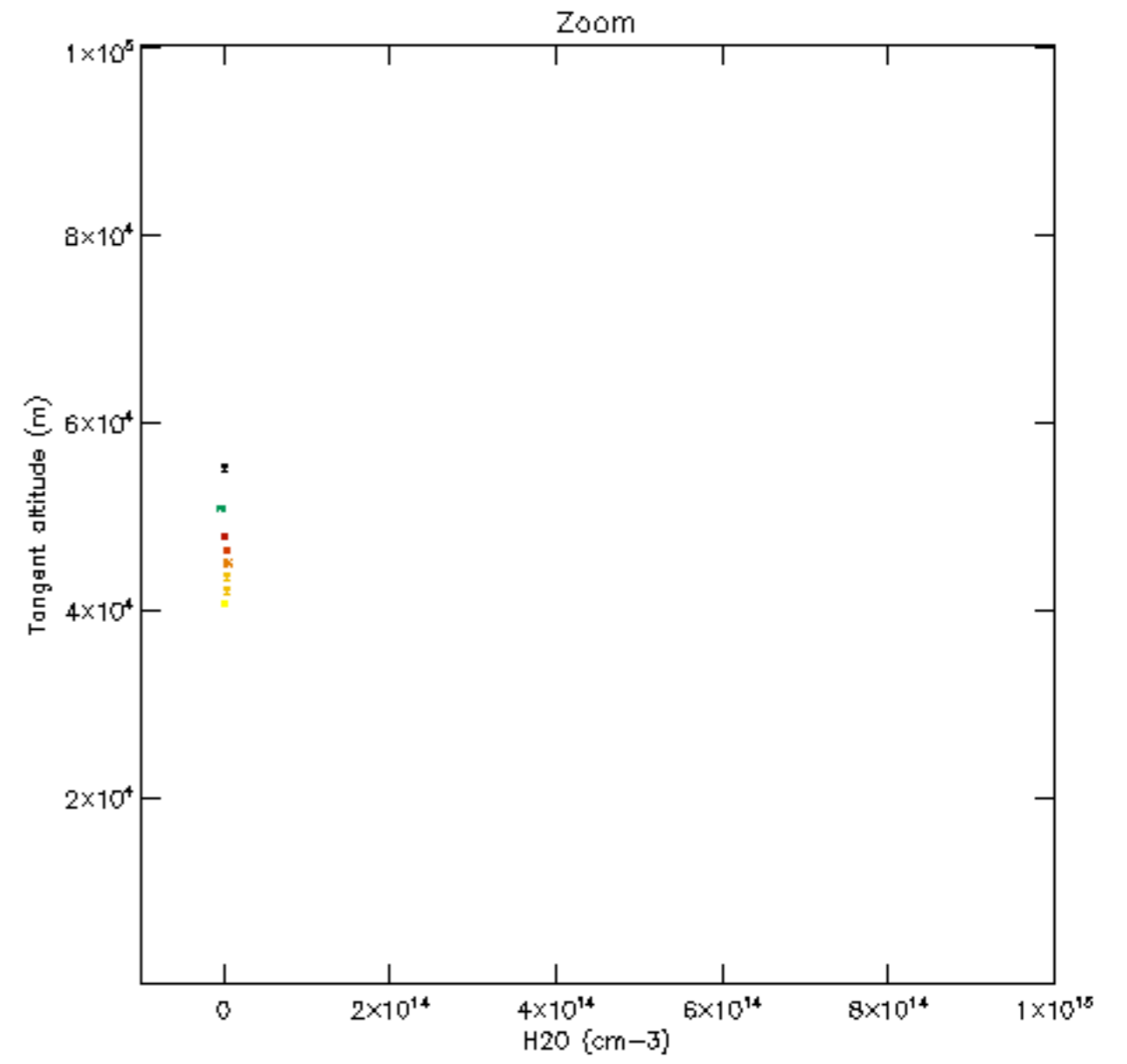
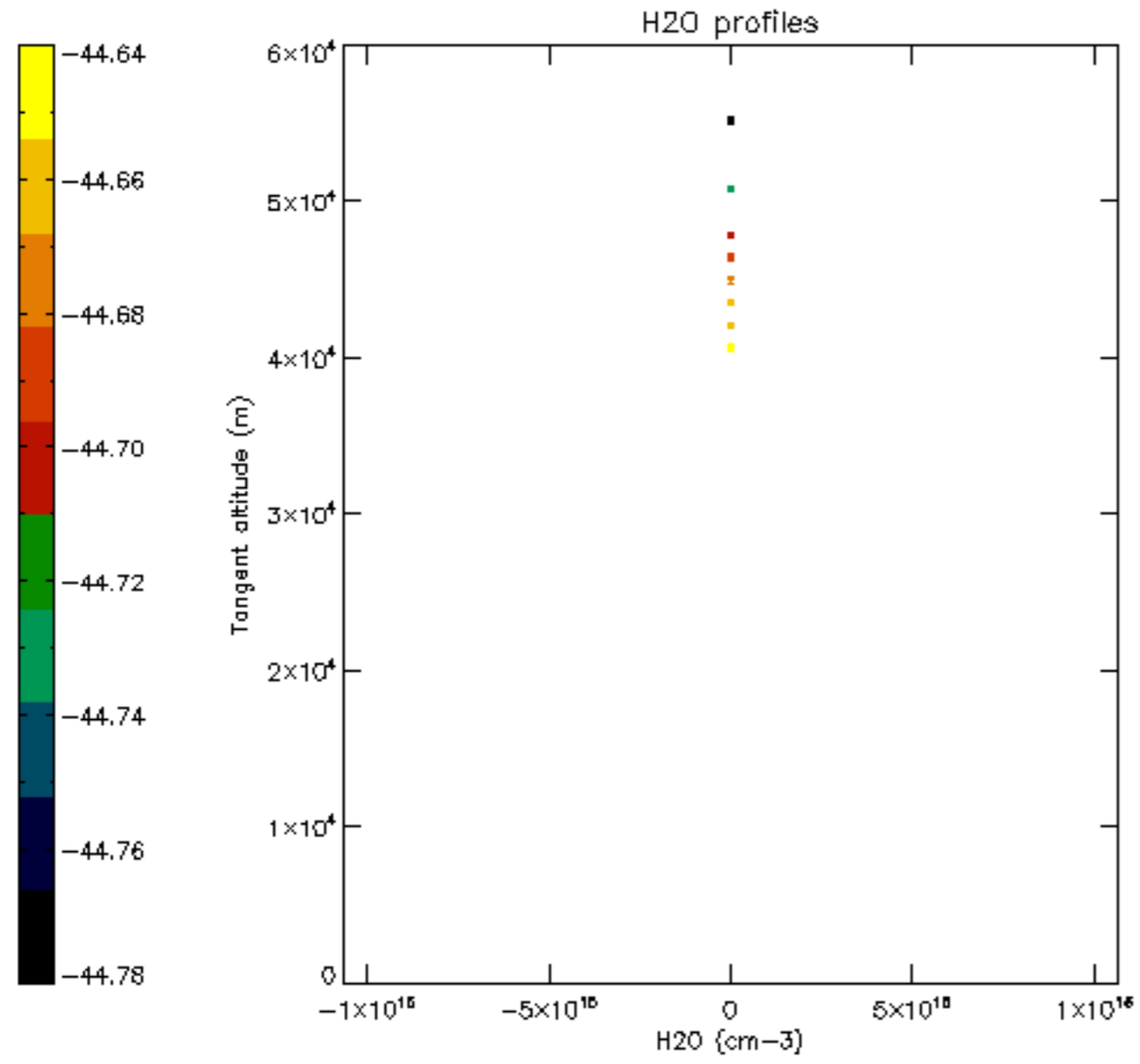


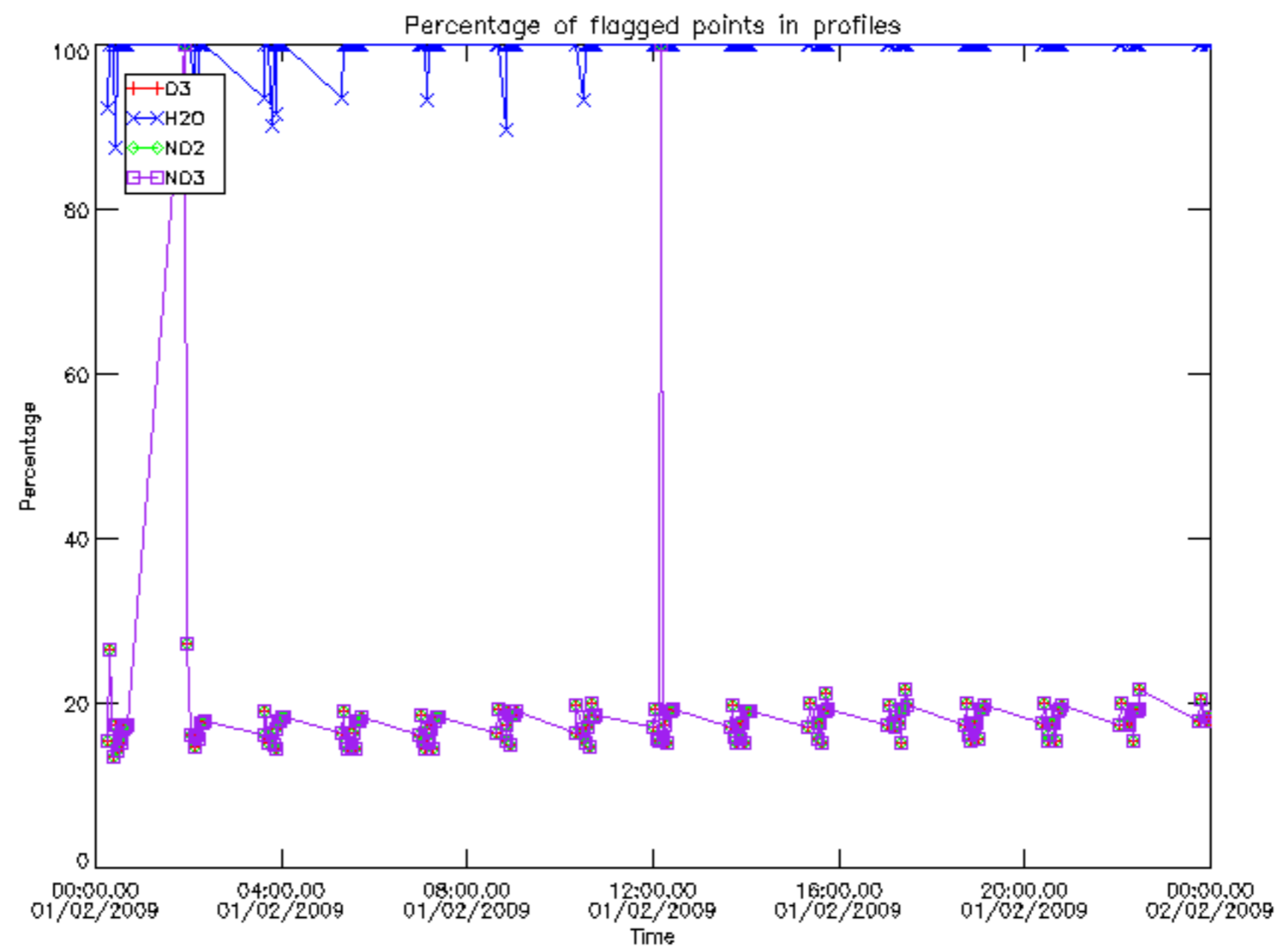




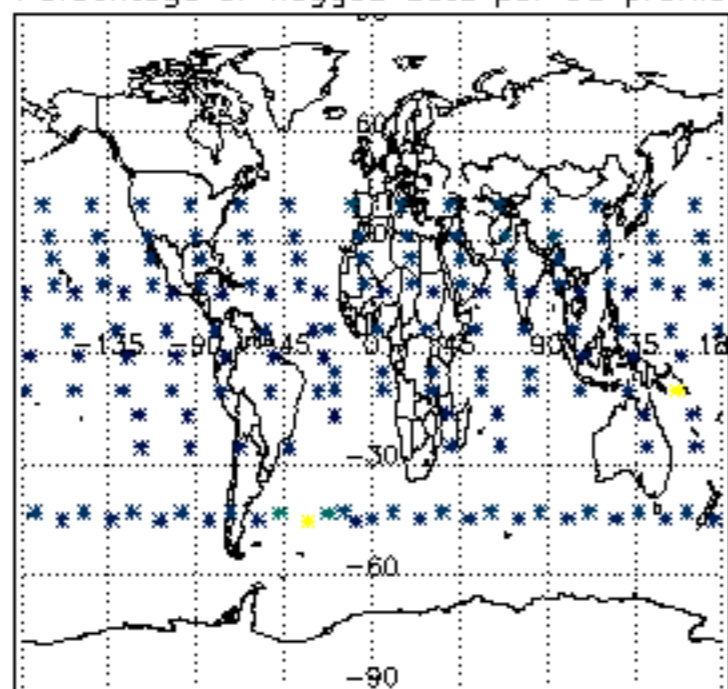




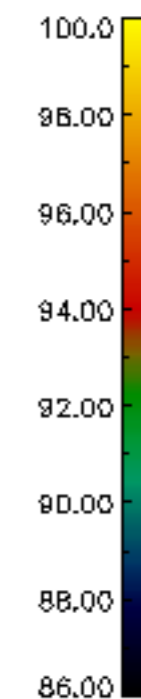
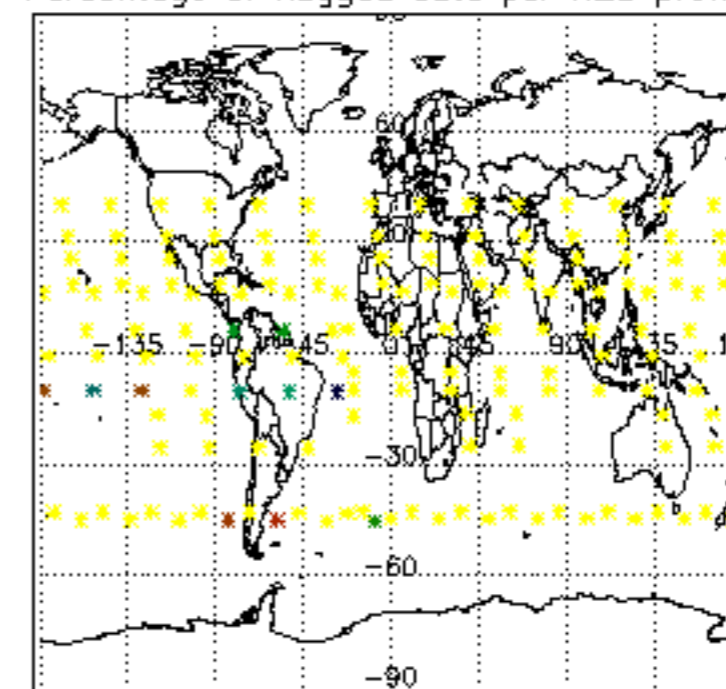




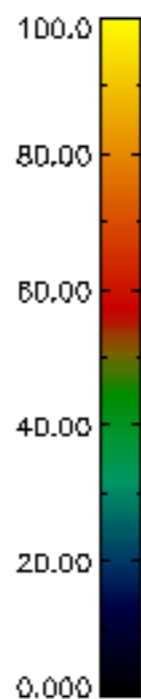
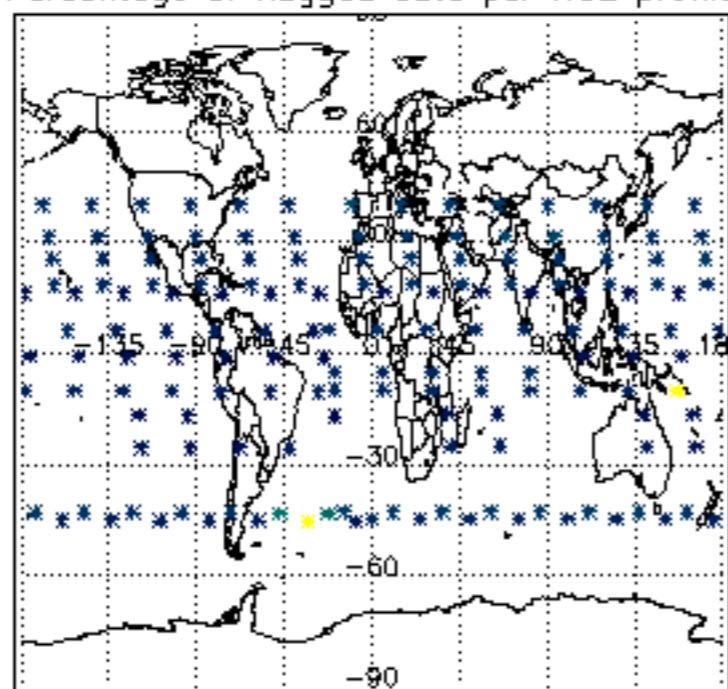
Percentage of flagged data per D3 profile



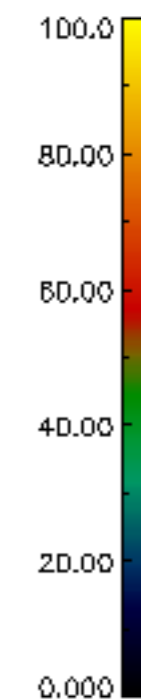
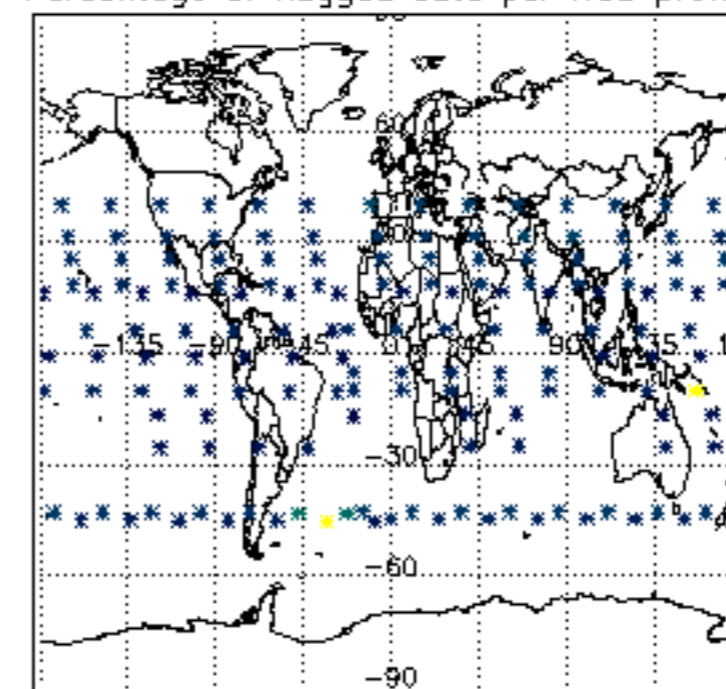
Percentage of flagged data per H2O profile

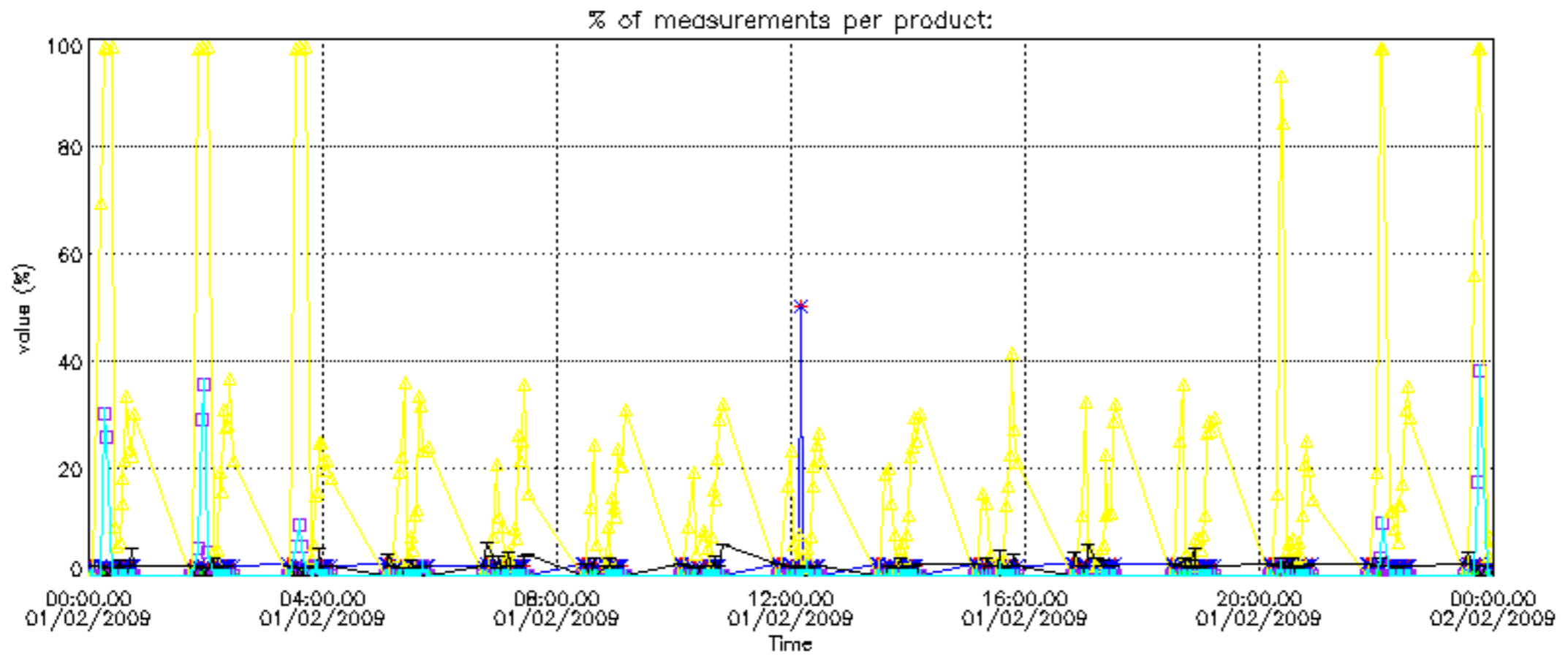


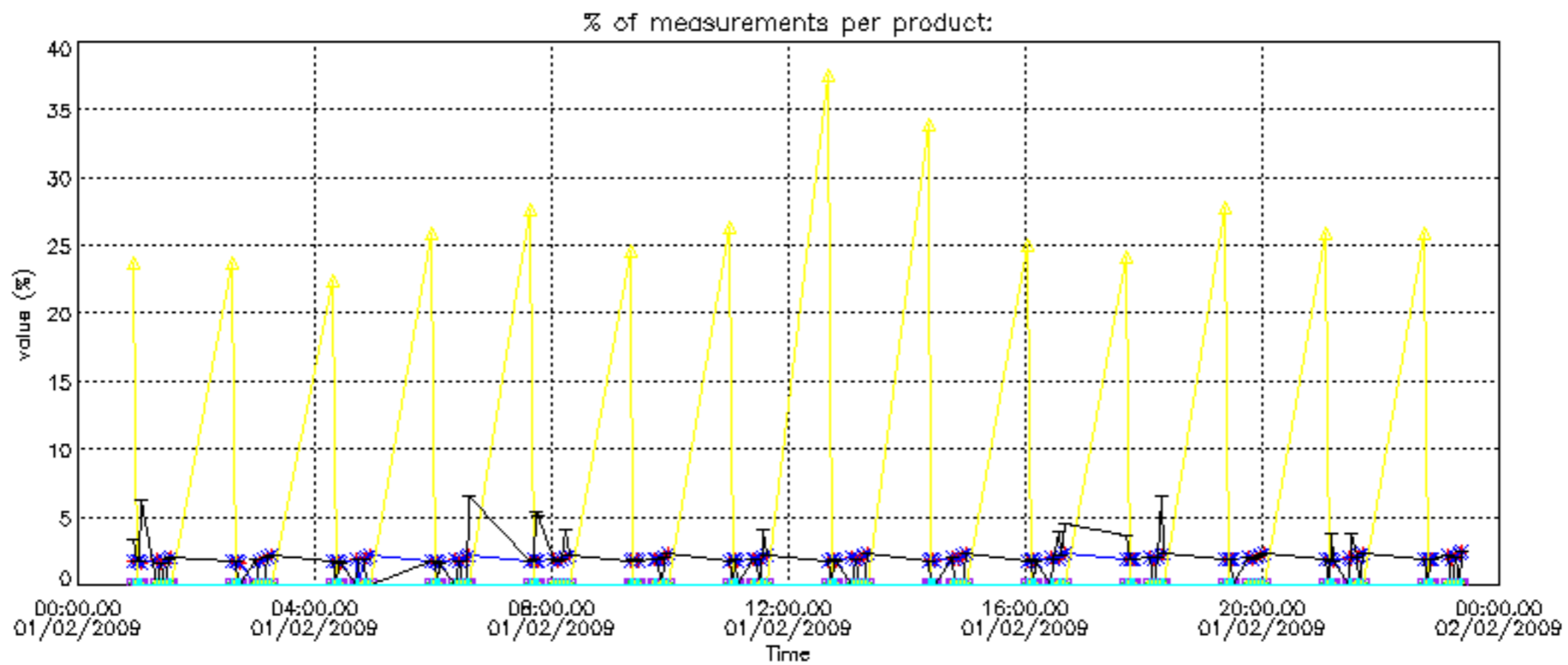
Percentage of flagged data per NO2 profile



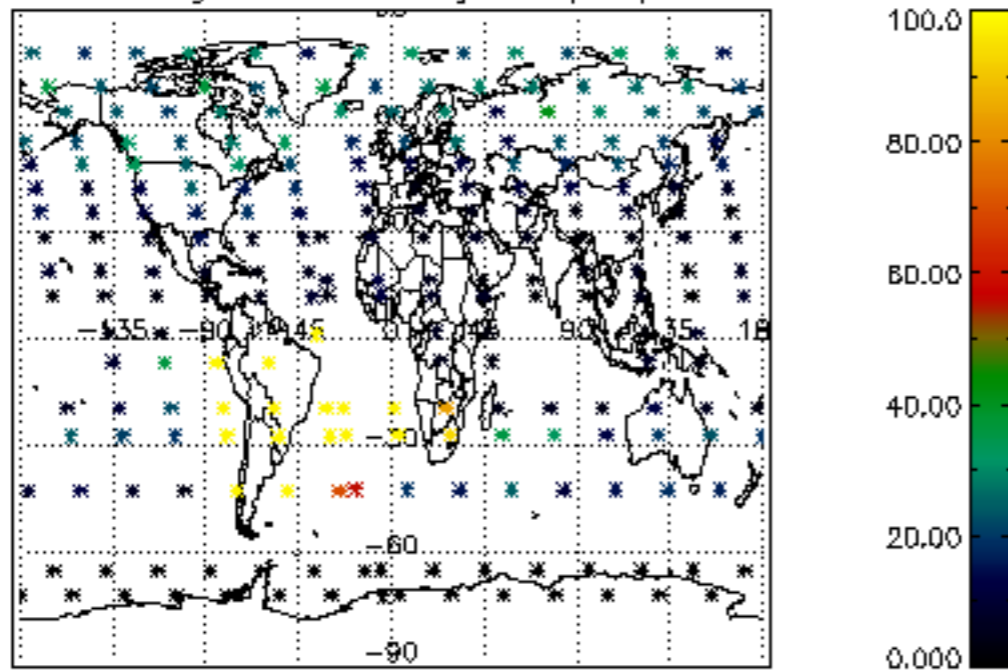
Percentage of flagged data per NO3 profile



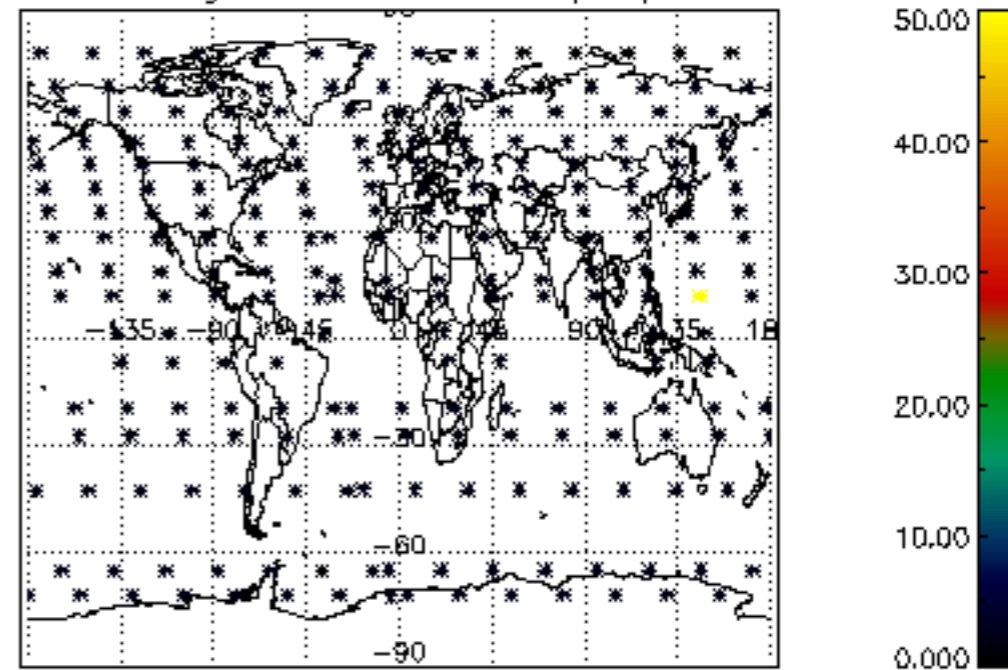




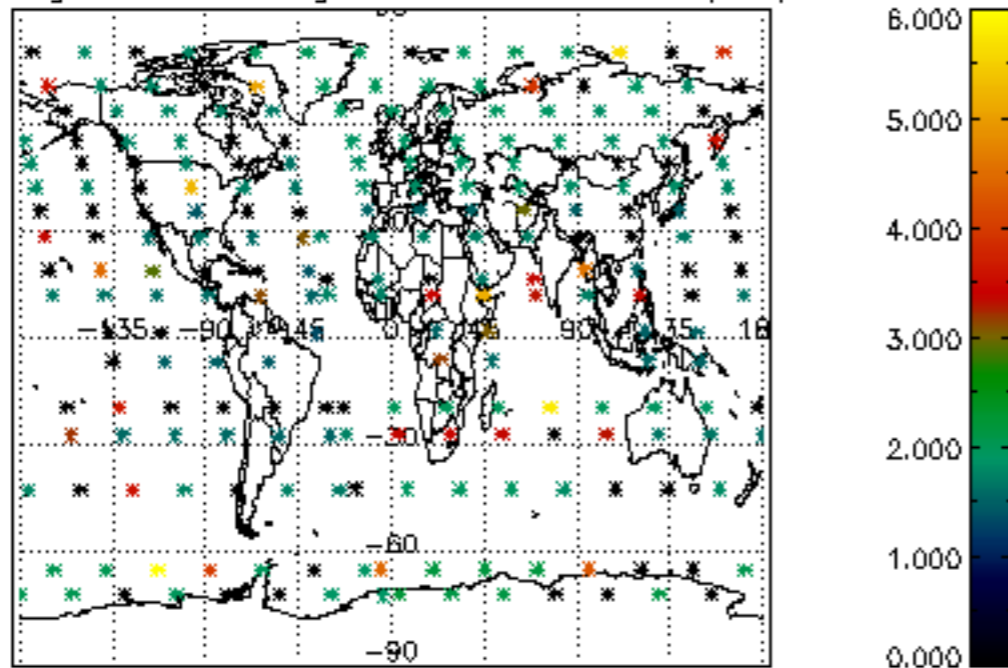
Percentage of cosmic ray hits per profile



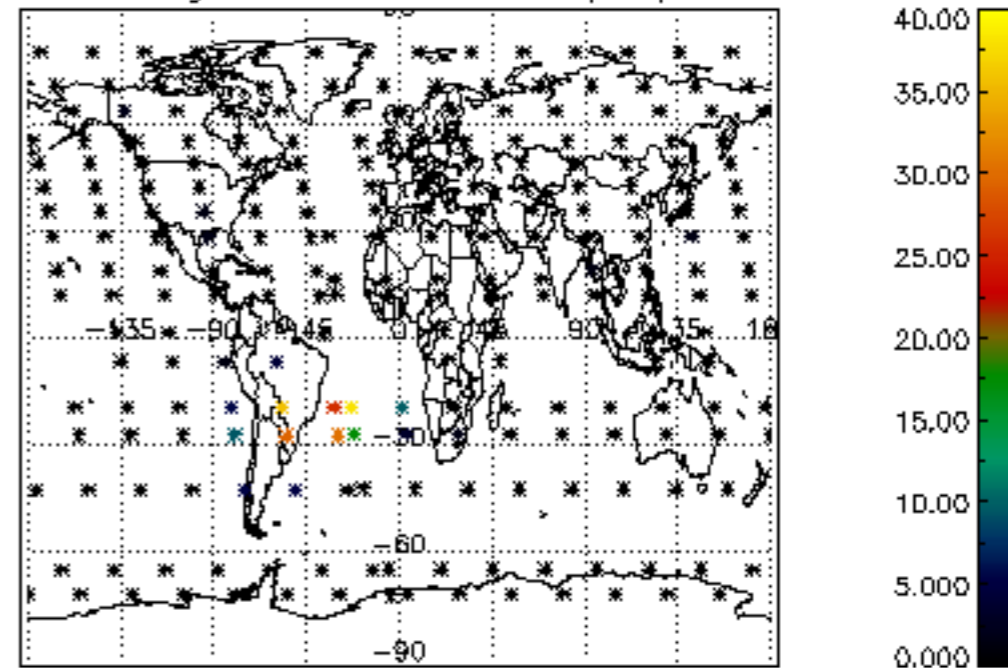
Percentage of datation errors per profile



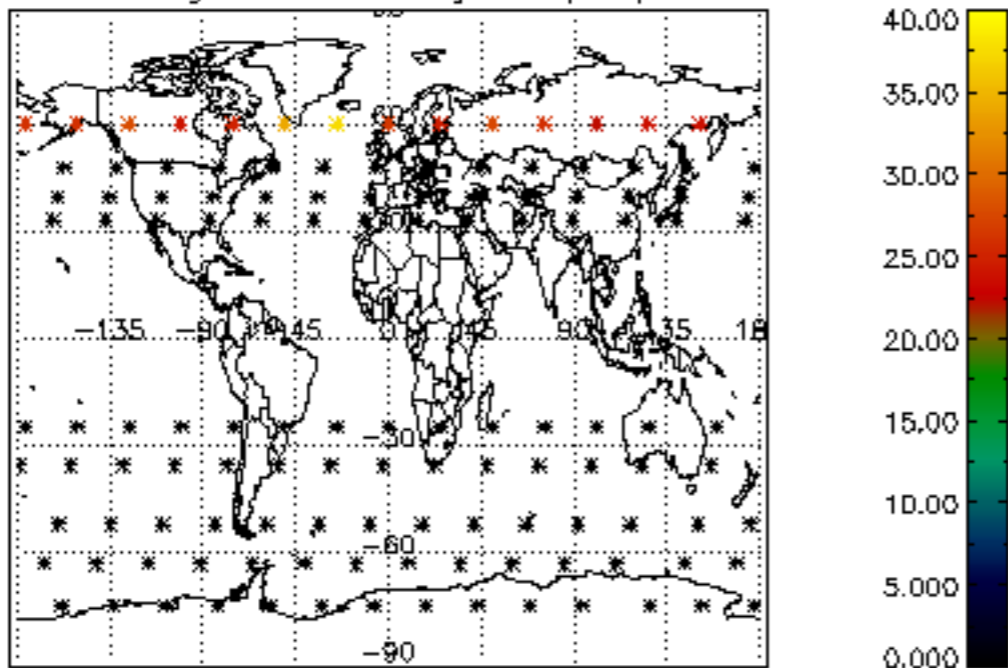
Percentage of star falling outside central band per profile



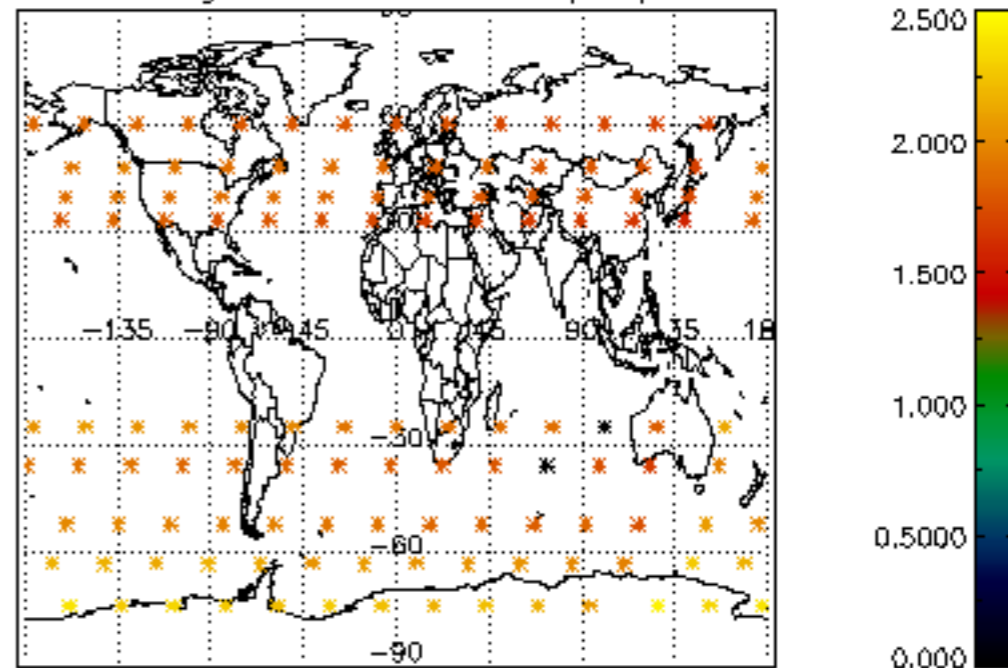
Percentage of saturation errors per profile



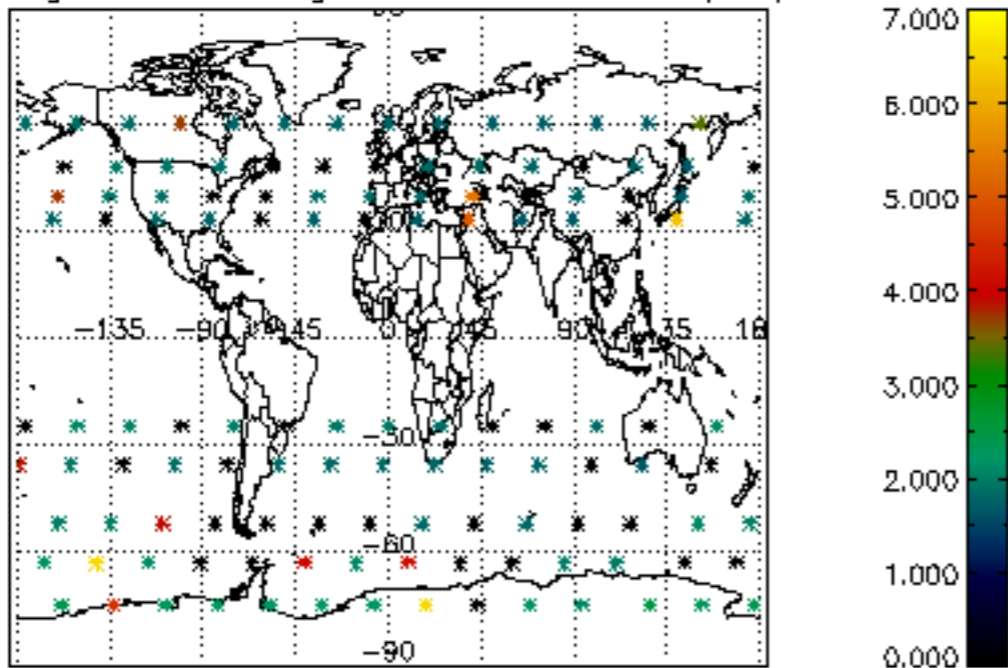
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

