

GOMOS Level 2 Daily Report

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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 23:55:01
Data source version	GOMOS/6.01
Start time of products	19-12-2008 (19DEC2008 00:00:00)
Stop time of products	20-12-2008 (20DEC2008 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	377
Nb of prods with errors	1

2. Summary of processed GOM_NL__2P products.

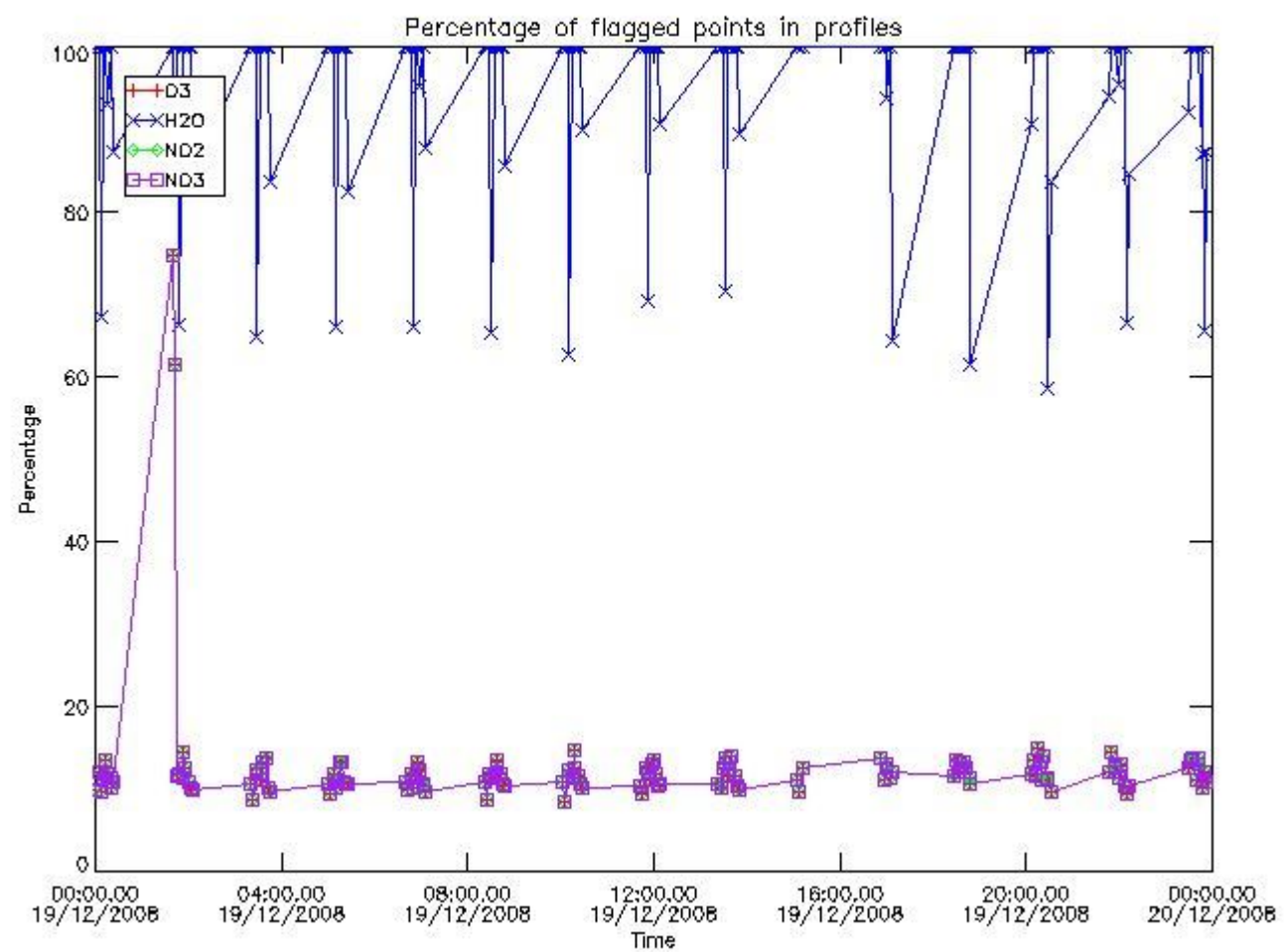
Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20081219_000100_000000512074_00445_35569_0445.N1	19-DEC-2008 00:01:00	Dark	51.000	106	9Bet Crv	2.6480	5600.0	102	35569	No
2	GOM_NL__2PRFIN20081219_000528_000000432074_00445_35569_0446.N1	19-DEC-2008 00:05:28	Dark	42.500	64	Gam Cen	2.2000	10600.	85	35569	No
3	GOM_NL__2PRFIN20081219_000713_000000532074_00446_35570_0432.N1	19-DEC-2008 00:07:13	Dark	52.500	26	Gam Cru	1.6240	2900.0	105	35570	No
4	GOM_NL__2PRFIN20081219_001108_000000452074_00446_35570_0433.N1	19-DEC-2008 00:11:08	Dark	45.000	113	Mu Vel	2.6920	5000.0	90	35570	No
5	GOM_NL__2PRFIN20081219_001316_000000382074_00446_35570_0434.N1	19-DEC-2008 00:13:16	Dark	38.000	159	Ups Car	2.9200	7200.0	76	35570	No
6	GOM_NL__2PRFIN20081219_001442_000000432074_00446_35570_0435.N1	19-DEC-2008 00:14:42	Dark	43.000	71	Iot Car	2.2460	7700.0	86	35570	No
7	GOM_NL__2PRFIN20081219_001925_000000452074_00446_35570_0436.N1	19-DEC-2008 00:19:25	Dark	45.000	34	Gam2Vel	1.7930	23000.	90	35570	No
8	GOM_NL__2PRFIN20081219_002135_000000502074_00446_35570_0437.N1	19-DEC-2008 00:21:35	Dark	50.000	70	Zet Pup	2.2460	39000.	100	35570	No
9	GOM_NL__2PRFIN20081219_002410_000000482074_00446_35570_0438.N1	19-DEC-2008 00:24:10	Dark	47.500	117	Pi Pup	2.7060	3800.0	95	35570	No
10	GOM_NL__2PRFIN20081219_002719_000000512074_00446_35570_0439.N1	19-DEC-2008 00:27:19	Straylight	50.500	23	21Eps CMa	1.5020	26000.	101	35570	No
11	GOM_NL__2PRFIN20081219_002903_000000522074_00446_35570_0440.N1	19-DEC-2008 00:29:03	Straylight	51.500	179	24Omi2CMa	3.0320	24000.	103	35570	No
12	GOM_NL__2PRFIN20081219_003157_000000512074_00446_35570_0441.N1	19-DEC-2008 00:31:57	Straylight	51.000	1	9Alp CMa	-1.4400	11000.	102	35570	No
13	GOM_NL__2PRFIN20081219_003509_000000462074_00446_35570_0442.N1	19-DEC-2008 00:35:09	Straylight	45.500	7	19Bet Ori	0.10000	14000.	91	35570	No
14	GOM_NL__2PRFIN20081219_003718_000000472074_00446_35570_0443.N1	19-DEC-2008 00:37:18	Straylight	46.500	30	46Eps Ori	1.6940	30000.	93	35570	No
15	GOM_NL__2PRFIN20081219_004018_000000582074_00446_35570_0444.N1	19-DEC-2008 00:40:18	Tw_i_and_stray	57.500	14	58Alp Ori	0.87000	3000.0	115	35570	No
16	GOM_NL__2PRFIN20081219_004225_000000482074_00446_35570_0445.N1	19-DEC-2008 00:42:25	Tw_i_and_stray	47.500	13	87Alp Tau	0.86700	3800.0	95	35570	No
17	GOM_NL__2PRFIN20081219_004425_000000412074_00446_35570_0446.N1	19-DEC-2008 00:44:25	Bright	41.000	176	23Zet Tau	3.0200	22000.	82	35570	No
18	GOM_NL__2PRFIN20081219_004629_000000402074_00446_35570_0447.N1	19-DEC-2008 00:46:29	Bright	40.000	28	12Bet Tau	1.6500	15200.	80	35570	No
19	GOM_NL__2PRFIN20081219_004955_000000412074_00446_35570_0448.N1	19-DEC-2008 00:49:55	Bright	41.000	107	37The Aur	2.6490	11000.	82	35570	No
20	GOM_NL__2PRFIN20081219_005123_000000422074_00446_35570_0449.N1	19-DEC-2008 00:51:23	Bright	41.500	6	13Alp Aur	0.080000	3400.0	83	35570	No
21	GOM_NL__2PRFIN20081219_010740_000000362074_00446_35570_0450.N1	19-DEC-2008 01:07:40	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	35570	No
22	GOM_NL__2PRFIN20081219_011208_000000442074_00446_35570_0451.N1	19-DEC-2008 01:12:08	Bright	44.000	32	77Eps UMa	1.7630	11000.	88	35570	No
23	GOM_NL__2PRFIN20081219_011451_000000592074_00446_35570_0452.N1	19-DEC-2008 01:14:51	Bright	59.000	39	85Eta UMa	1.8540	24000.	118	35570	No
24	GOM_NL__2PRFIN20081219_011819_000000372074_00446_35570_0453.N1	19-DEC-2008 01:18:19	Bright	36.500	180	27Gam Boo	3.0400	8000.0	73	35570	No
25	GOM_NL__2PRFIN20081219_012136_000000462074_00446_35570_0454.N1	19-DEC-2008 01:21:36	Bright	46.000	83		2.3780	11000.	92	35570	No
26	GOM_NL__2PRFIN20081219_012503_000000622074_00446_35570_0455.N1	19-DEC-2008 01:25:03	Bright	61.500	111	8Eta Boo	2.6800	6000.0	123	35570	No
27	GOM_NL__2PRFIN20081219_013520_000000562074_00446_35570_0456.N1	19-DEC-2008 01:35:20	Tw_i_and_stray	56.000	15	67Alp Vir	0.97600	28000.	112	35570	No
28	GOM_NL__2PRFIN20081219_013851_000000462074_00446_35570_0457.N1	19-DEC-2008 01:38:51	Dark	46.000	169	46Gam Hya	2.9910	4700.0	92	35570	No
29	GOM_NL__2PRFIN20081219_014137_000000582074_00446_35570_0458.N1	19-DEC-2008 01:41:37	Dark	57.500	106	9Bet Crv	2.6480	5600.0	115	35570	No
30	GOM_NL__2PRFIN20081219_014604_000000442074_00446_35570_0459.N1	19-DEC-2008 01:46:04	Dark	44.000	64	Gam Cen	2.2000	10600.	88	35570	No
31	GOM_NL__2PRFIN20081219_014749_000000442074_00447_35571_0448.N1	19-DEC-2008 01:47:49	Dark	43.500	26	Gam Cru	1.6240	2900.0	87	35571	No
32	GOM_NL__2PRFIN20081219_015145_000000452074_00447_35571_0449.N1	19-DEC-2008 01:51:45	Dark	45.000	113	Mu Vel	2.6920	5000.0	90	35571	No
33	GOM_NL__2PRFIN20081219_015352_000000392074_00447_35571_0450.N1	19-DEC-2008 01:53:52	Dark	39.000	159	Ups Car	2.9200	7200.0	78	35571	No
34	GOM_NL__2PRFIN20081219_015519_000000412074_00447_35571_0451.N1	19-DEC-2008 01:55:19	Dark	41.000	71	Iot Car	2.2460	7700.0	82	35571	No
35	GOM_NL__2PRFIN20081219_020002_000000472074_00447_35571_0452.N1	19-DEC-2008 02:00:02	Dark	46.500	34	Gam2Vel	1.7930	23000.	93	35571	No
36	GOM_NL__2PRFIN20081219_020212_000000502074_00447_35571_0453.N1	19-DEC-2008 02:02:12	Dark	50.000	70	Zet Pup	2.2460	39000.	100	35571	No
37	GOM_NL__2PRFIN20081219_020446_000000522074_00447_35571_0454.N1	19-DEC-2008 02:04:46	Dark	52.000	117	Pi Pup	2.7060	3800.0	104	35571	No
38	GOM_NL__2PRFIN20081219_020755_000000522074_00447_35571_0455.N1	19-DEC-2008 02:07:55	Straylight	51.500	23	21Eps CMa	1.5020	26000.	103	35571	No
39	GOM_NL__2PRFIN20081219_020939_000000522074_00447_35571_0456.N1	19-DEC-2008 02:09:39	Straylight	51.500	179	24Omi2CMa	3.0320	24000.	103	35571	No
40	GOM_NL__2PRFIN20081219_021233_000000512074_00447_35571_0457.N1	19-DEC-2008 02:12:33	Straylight	51.000	1	9Alp CMa	-1.4400	11000.	102	35571	No
41	GOM_NL__2PRFIN20081219_021545_000000492074_00447_35571_0458.N1	19-DEC-2008 02:15:45	Straylight	49.000	7	19Bet Ori	0.10000	14000.	98	35571	No
42	GOM_NL__2PRFIN20081219_021754_000000432074_00447_35571_0459.N1	19-DEC-2008 02:17:54	Straylight	43.000	30	46Eps Ori	1.6940	30000.	86	35571	No

338	GOM_NL__2PRFIN20081219_215030_000000392074_00458_35582_0841.N1	19-DEC-2008 21:50:30	Dark	38.500	95	Zet Cen	2.5450	26000.	77	35582	No
339	GOM_NL__2PRFIN20081219_215324_000000412074_00458_35582_0842.N1	19-DEC-2008 21:53:24	Dark	40.500	64	Gam Cen	2.2000	10600.	81	35582	No
340	GOM_NL__2PRFIN20081219_215502_000000402074_00459_35583_0831.N1	19-DEC-2008 21:55:02	Dark	40.000	20	Bet Cru	1.2530	30000.	80	35583	No
341	GOM_NL__2PRFIN20081219_215907_000000452074_00459_35583_0832.N1	19-DEC-2008 21:59:07	Dark	45.000	113	Mu Vel	2.6920	5000.0	90	35583	No
342	GOM_NL__2PRFIN20081219_220110_000000392074_00459_35583_0833.N1	19-DEC-2008 22:01:10	Dark	39.000	159	Ups Car	2.9200	7200.0	78	35583	No
343	GOM_NL__2PRFIN20081219_220237_000000422074_00459_35583_0834.N1	19-DEC-2008 22:02:37	Dark	42.000	71	Iot Car	2.2460	7700.0	84	35583	No
344	GOM_NL__2PRFIN20081219_220721_000000502074_00459_35583_0835.N1	19-DEC-2008 22:07:21	Dark	49.500	34	Gam2Vel	1.7930	23000.	99	35583	No
345	GOM_NL__2PRFIN20081219_220911_000000542074_00459_35583_0836.N1	19-DEC-2008 22:09:11	Dark	54.000	2	Alp Car	-0.73600	7000.0	108	35583	No
346	GOM_NL__2PRFIN20081219_221204_000000492074_00459_35583_0837.N1	19-DEC-2008 22:12:04	Dark	49.000	117	Pi Pup	2.7060	3800.0	98	35583	No
347	GOM_NL__2PRFIN20081219_221511_000000482074_00459_35583_0838.N1	19-DEC-2008 22:15:11	Straylight	48.000	23	21Eps CMa	1.5020	26000.	96	35583	No
348	GOM_NL__2PRFIN20081219_221930_000000472074_00459_35583_0839.N1	19-DEC-2008 22:19:30	Straylight	46.500	47	2Bet CMa	1.9760	28000.	93	35583	No
349	GOM_NL__2PRFIN20081219_222257_000000452074_00459_35583_0840.N1	19-DEC-2008 22:22:57	Straylight	45.000	7	19Bet Ori	0.10000	14000.	90	35583	No
350	GOM_NL__2PRFIN20081219_222505_000000452074_00459_35583_0841.N1	19-DEC-2008 22:25:05	Straylight	45.000	30	46Eps Ori	1.6940	30000.	90	35583	No
351	GOM_NL__2PRFIN20081219_222801_000000592074_00459_35583_0842.N1	19-DEC-2008 22:28:01	Twi_and_stray	59.000	14	58Alp Ori	0.87000	3000.0	118	35583	No
352	GOM_NL__2PRFIN20081219_223012_000000462074_00459_35583_0843.N1	19-DEC-2008 22:30:12	Twi_and_stray	46.000	13	87Alp Tau	0.86700	3800.0	92	35583	No
353	GOM_NL__2PRFIN20081219_223208_000000422074_00459_35583_0844.N1	19-DEC-2008 22:32:08	Bright	42.000	176	23Zet Tau	3.0200	22000.	84	35583	No
354	GOM_NL__2PRFIN20081219_223412_000000402074_00459_35583_0845.N1	19-DEC-2008 22:34:12	Bright	40.000	28	12Bet Tau	1.6500	15200.	80	35583	No
355	GOM_NL__2PRFIN20081219_223735_000000422074_00459_35583_0846.N1	19-DEC-2008 22:37:35	Bright	41.500	107	37The Aur	2.6490	11000.	83	35583	No
356	GOM_NL__2PRFIN20081219_223907_000000412074_00459_35583_0847.N1	19-DEC-2008 22:39:07	Bright	41.000	6	13Alp Aur	0.080000	3400.0	82	35583	No
357	GOM_NL__2PRFIN20081219_225046_000000362074_00459_35583_0848.N1	19-DEC-2008 22:50:46	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	35583	No
358	GOM_NL__2PRFIN20081219_225527_000000372074_00459_35583_0849.N1	19-DEC-2008 22:55:27	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	35583	No
359	GOM_NL__2PRFIN20081219_225952_000000442074_00459_35583_0850.N1	19-DEC-2008 22:59:52	Bright	43.500	32	77Eps UMa	1.7630	11000.	87	35583	No
360	GOM_NL__2PRFIN20081219_230237_000000592074_00459_35583_0851.N1	19-DEC-2008 23:02:37	Bright	59.000	39	85Eta UMa	1.8540	24000.	118	35583	No
361	GOM_NL__2PRFIN20081219_230607_000000452074_00459_35583_0852.N1	19-DEC-2008 23:06:07	Bright	44.500	180	27Gam Boo	3.0400	8000.0	89	35583	No
362	GOM_NL__2PRFIN20081219_230925_000000382074_00459_35583_0853.N1	19-DEC-2008 23:09:25	Bright	37.500	83		2.3780	11000.	75	35583	No
363	GOM_NL__2PRFIN20081219_231254_000000632074_00459_35583_0854.N1	19-DEC-2008 23:12:54	Bright	63.000	111	8Eta Boo	2.6800	6000.0	126	35583	No
364	GOM_NL__2PRFIN20081219_232137_000000372074_00459_35583_0855.N1	19-DEC-2008 23:21:37	Bright	37.000	122	9Alp2Lib	2.7470	9700.0	74	35583	No
365	GOM_NL__2PRFIN20081219_232318_000000562074_00459_35583_0856.N1	19-DEC-2008 23:23:18	Twi_and_stray	56.000	15	67Alp Vir	0.97600	28000.	112	35583	No
366	GOM_NL__2PRFIN20081219_232808_000000452074_00459_35583_0857.N1	19-DEC-2008 23:28:08	Dark	45.000	54	5The Cen	2.0550	4500.0	90	35583	No
367	GOM_NL__2PRFIN20081219_233106_000000382074_00459_35583_0858.N1	19-DEC-2008 23:31:06	Dark	38.000	95	Zet Cen	2.5450	26000.	76	35583	No
368	GOM_NL__2PRFIN20081219_233400_000000412074_00459_35583_0859.N1	19-DEC-2008 23:34:00	Dark	40.500	64	Gam Cen	2.2000	10600.	81	35583	No
369	GOM_NL__2PRFIN20081219_233539_000000382074_00460_35584_0846.N1	19-DEC-2008 23:35:39	Dark	38.000	20	Bet Cru	1.2530	30000.	76	35584	No
370	GOM_NL__2PRFIN20081219_233944_000000462074_00460_35584_0847.N1	19-DEC-2008 23:39:44	Dark	45.500	113	Mu Vel	2.6920	5000.0	91	35584	No
371	GOM_NL__2PRFIN20081219_234146_000000392074_00460_35584_0848.N1	19-DEC-2008 23:41:46	Dark	39.000	159	Ups Car	2.9200	7200.0	78	35584	No
372	GOM_NL__2PRFIN20081219_234314_000000412074_00460_35584_0849.N1	19-DEC-2008 23:43:14	Dark	41.000	71	Iot Car	2.2460	7700.0	82	35584	No
373	GOM_NL__2PRFIN20081219_234605_000000502074_00460_35584_0850.N1	19-DEC-2008 23:46:05	Dark	50.000	65	Lam Vel	2.2040	4400.0	100	35584	No
374	GOM_NL__2PRFIN20081219_234758_000000462074_00460_35584_0851.N1	19-DEC-2008 23:47:58	Dark	45.500	34	Gam2Vel	1.7930	23000.	91	35584	No
375	GOM_NL__2PRFIN20081219_234947_000000432074_00460_35584_0852.N1	19-DEC-2008 23:49:47	Dark	42.500	2	Alp Car	-0.73600	7000.0	85	35584	No
376	GOM_NL__2PRFIN20081219_235240_000000482074_00460_35584_0853.N1	19-DEC-2008 23:52:40	Dark	47.500	117	Pi Pup	2.7060	3800.0	95	35584	No
377	GOM_NL__2PRFIN20081219_235547_000000512074_00460_35584_0854.N1	19-DEC-2008 23:55:47	Straylight	50.500	23	21Eps CMa	1.5020	26000.	101	35584	No

3. Quality information per product

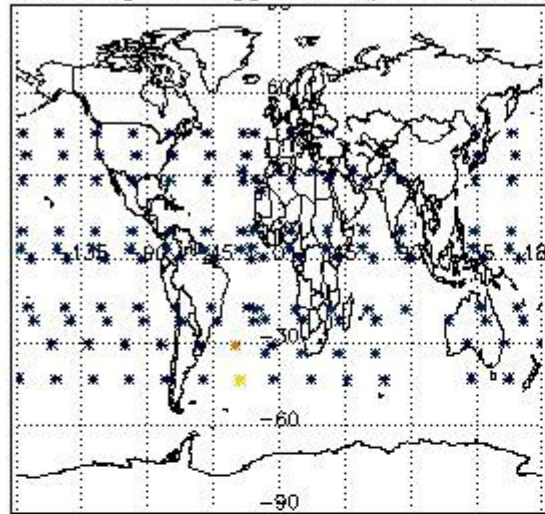
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

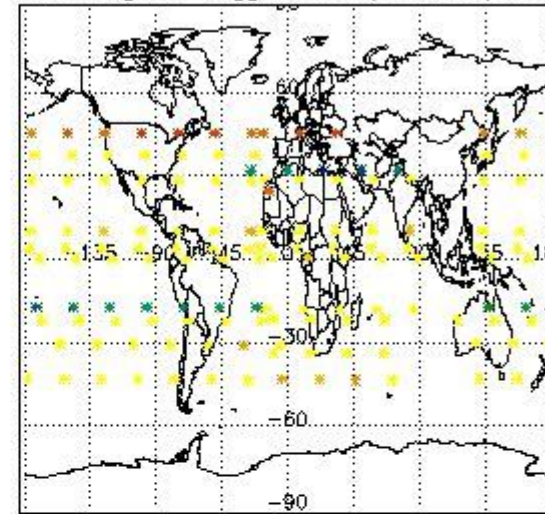


3.2 Plot quality information per product (world map)

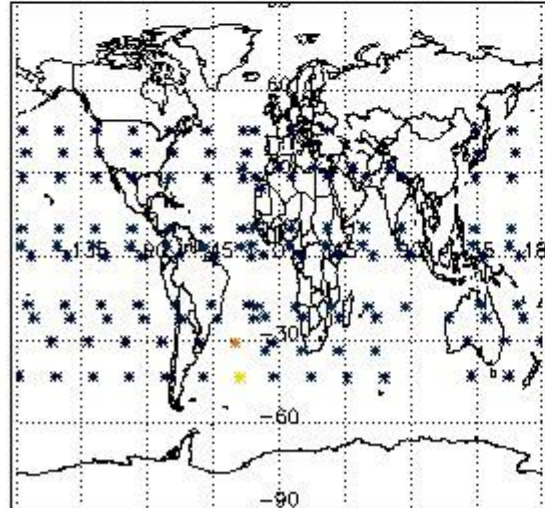
Percentage of flagged data per O3 profile



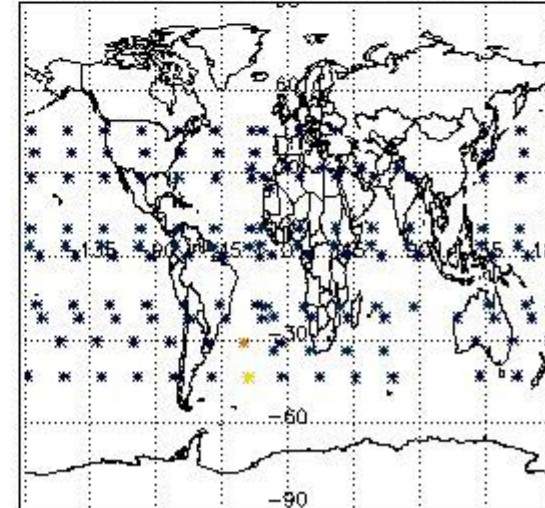
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

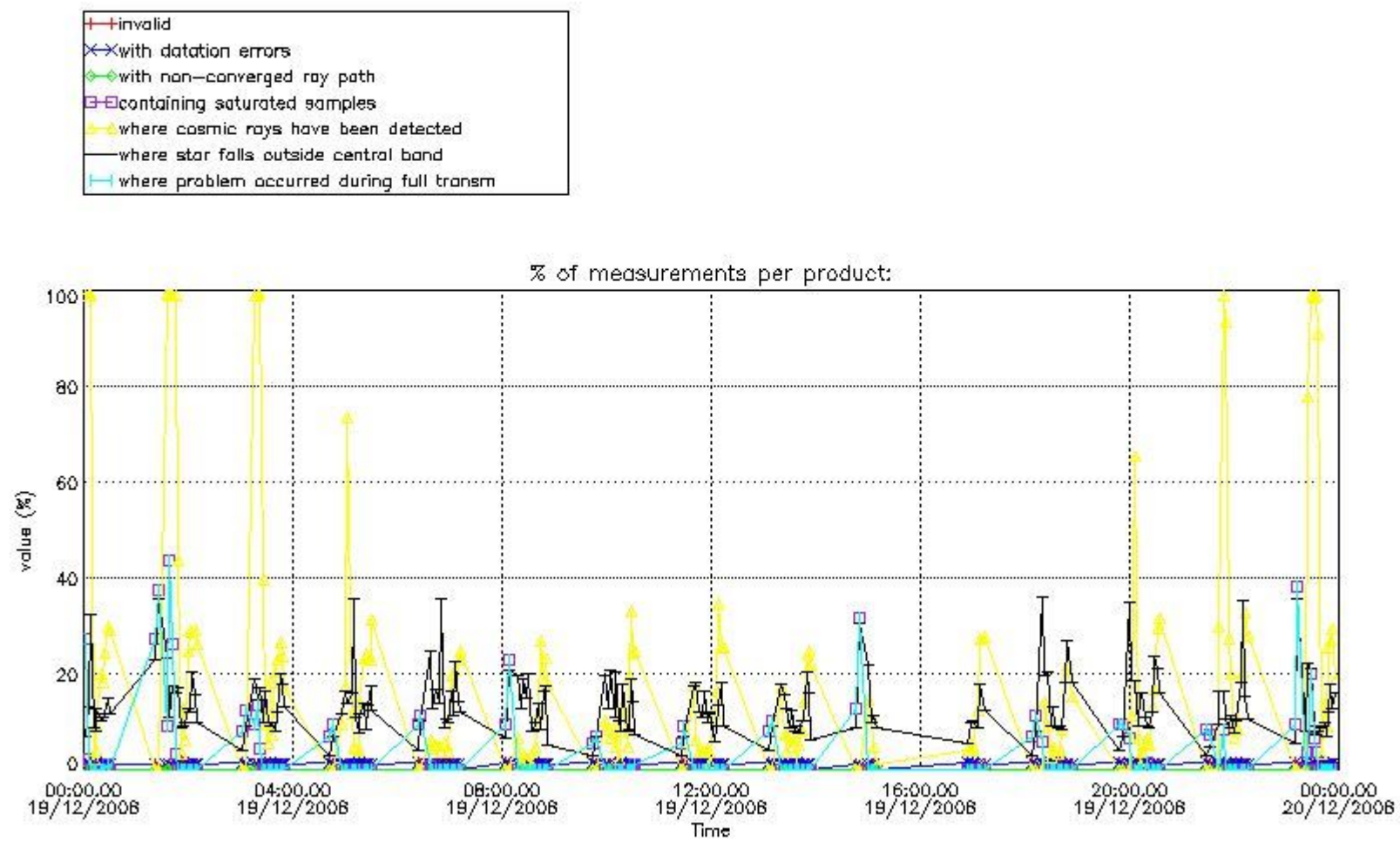


4. Level 1 quality information per product

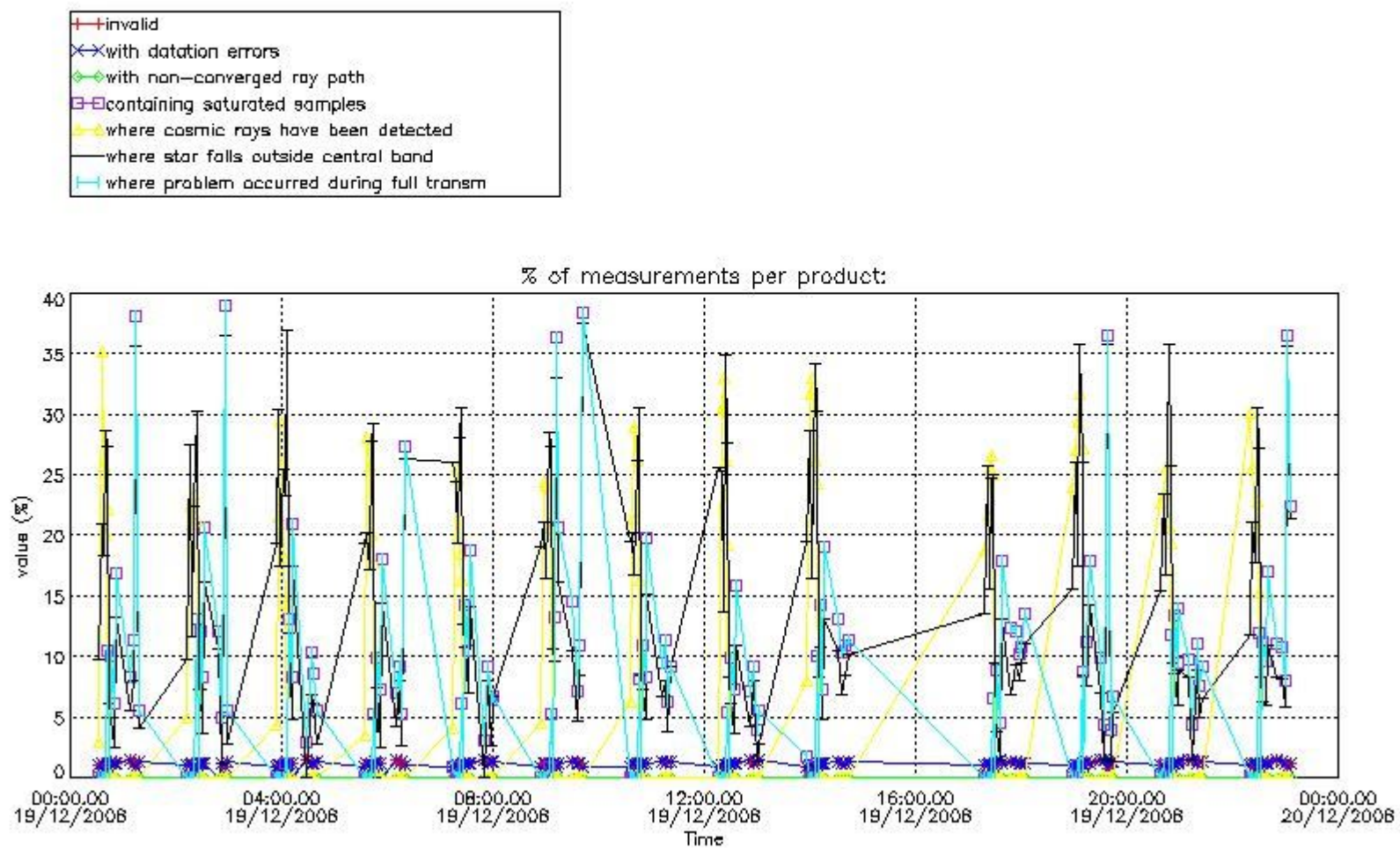
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



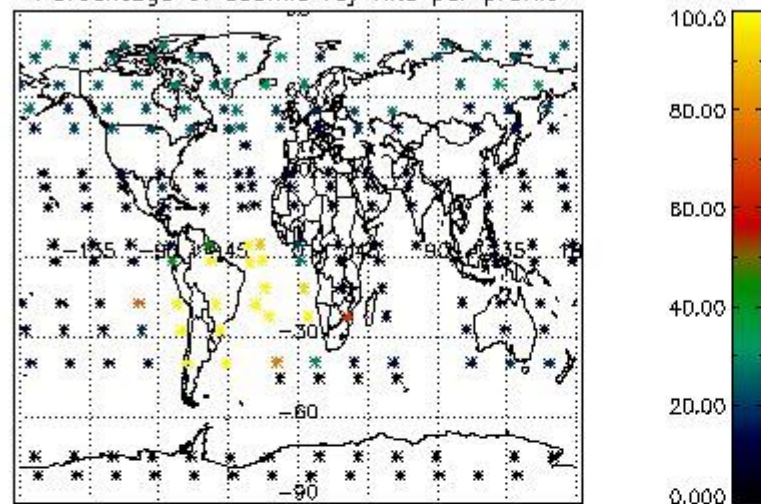
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



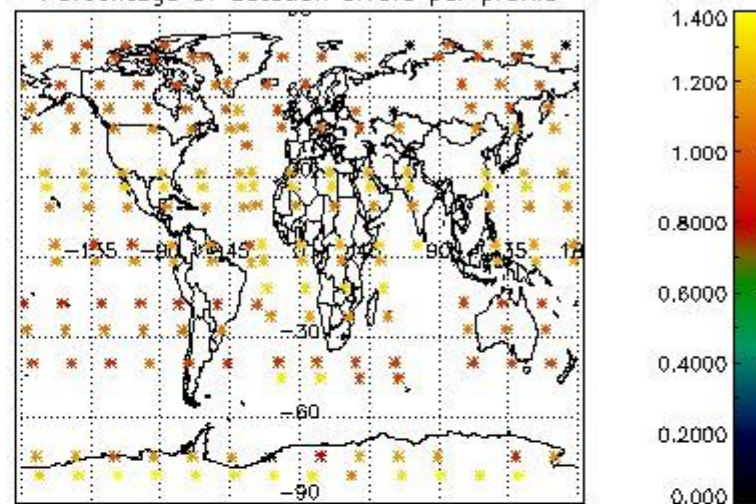
4.2 Plot quality information per product coming from level 1b processing (world map)

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

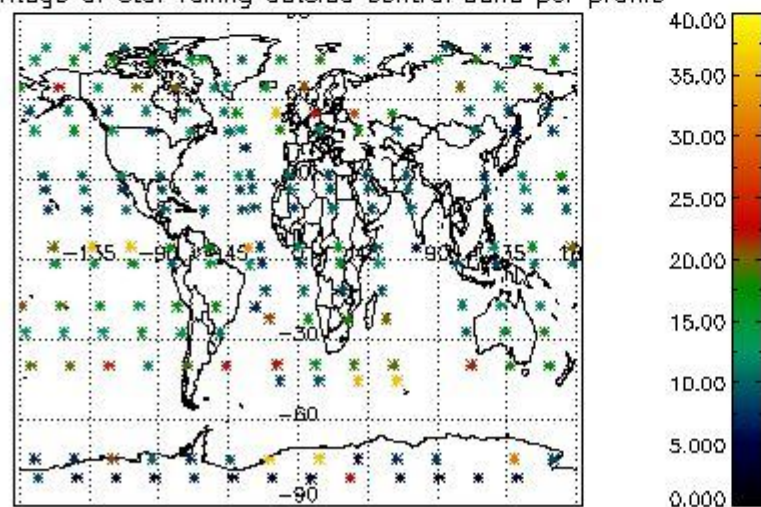
Percentage of cosmic ray hits per profile



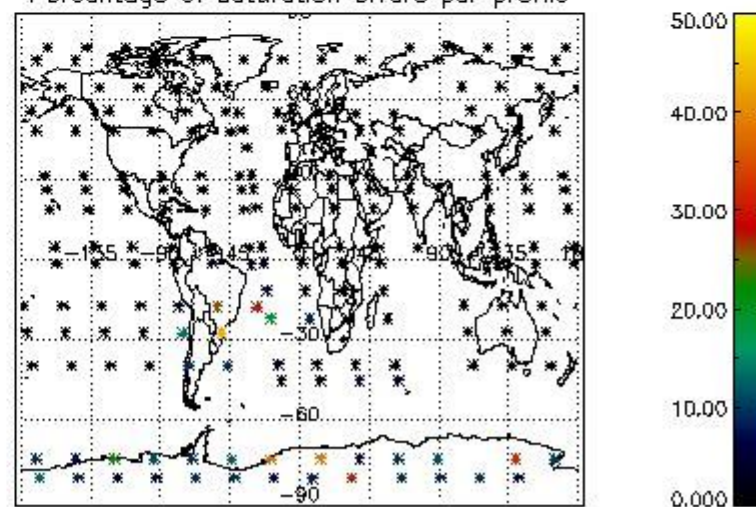
Percentage of datation errors per profile



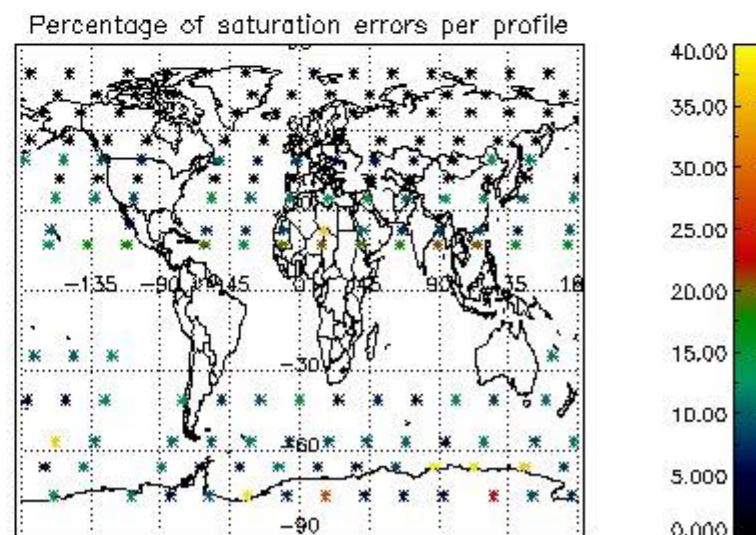
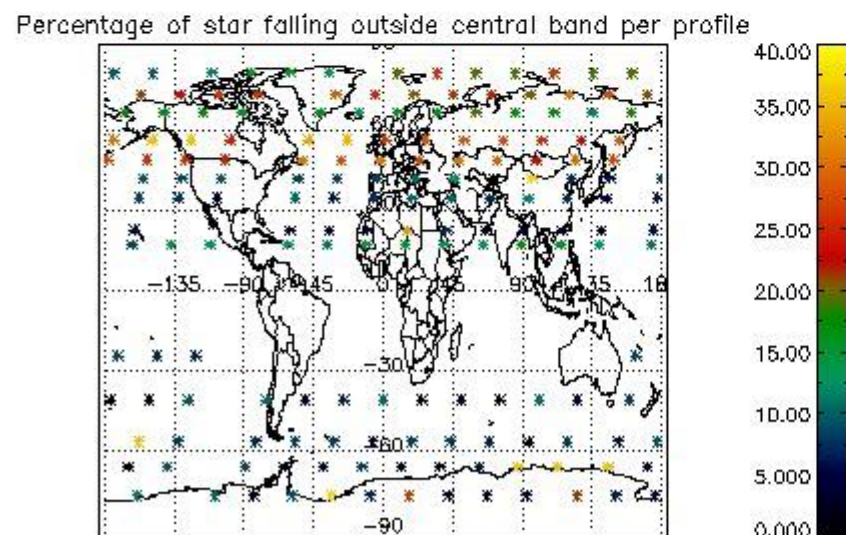
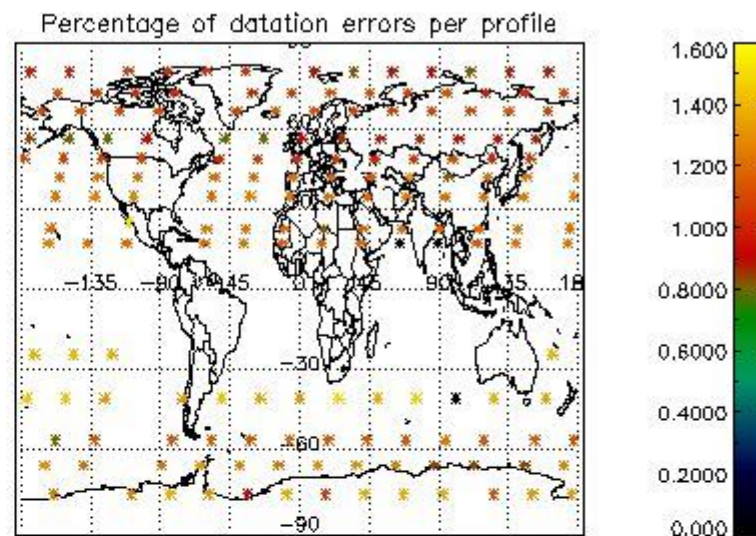
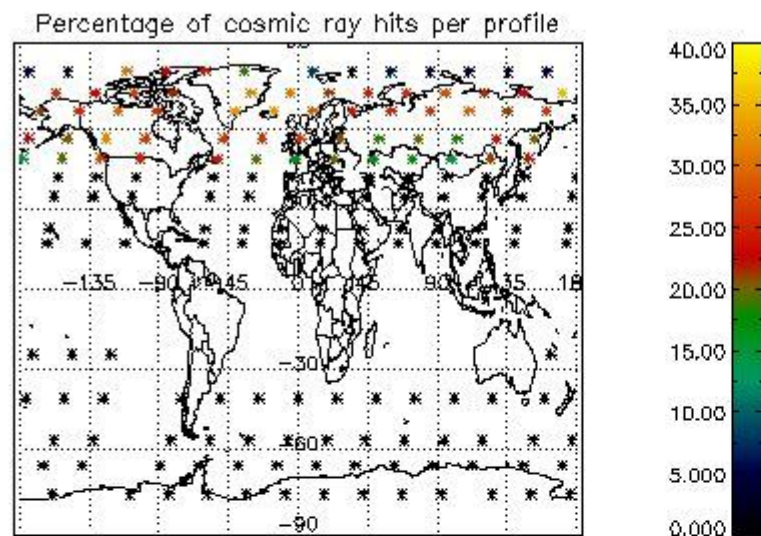
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



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

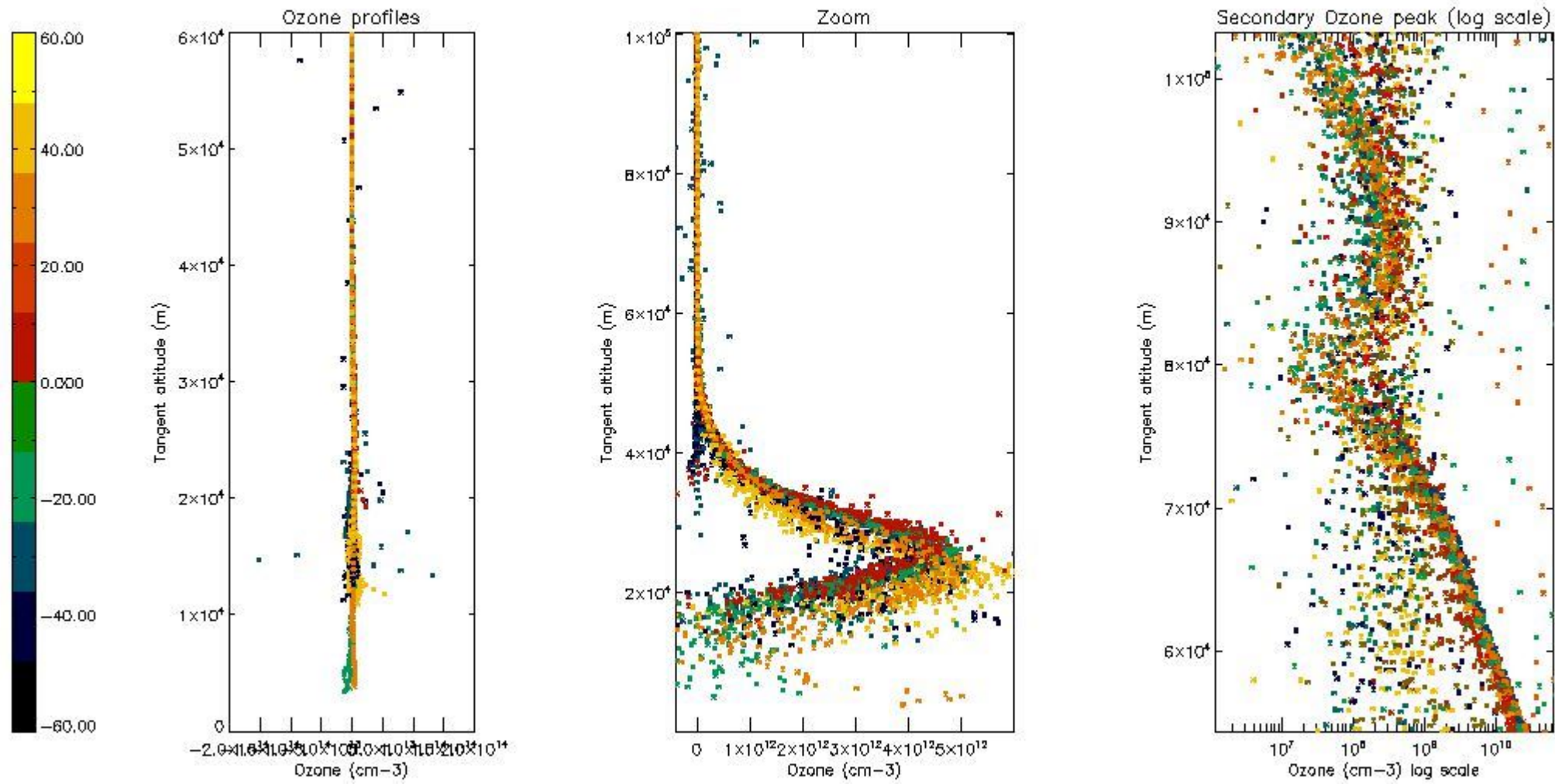
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	37
STD < 20	16

STD < 10	11
STD < 5	6

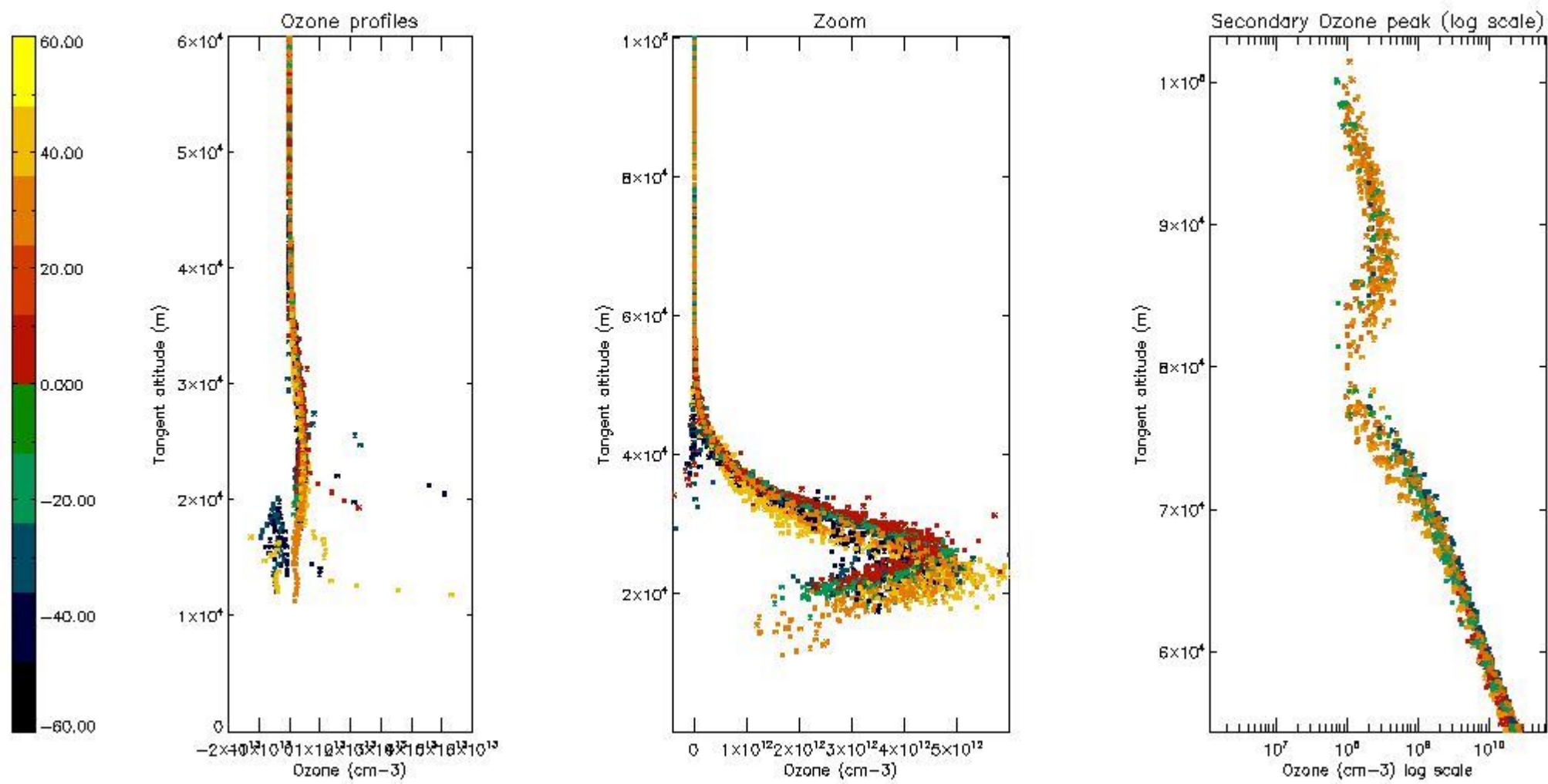
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



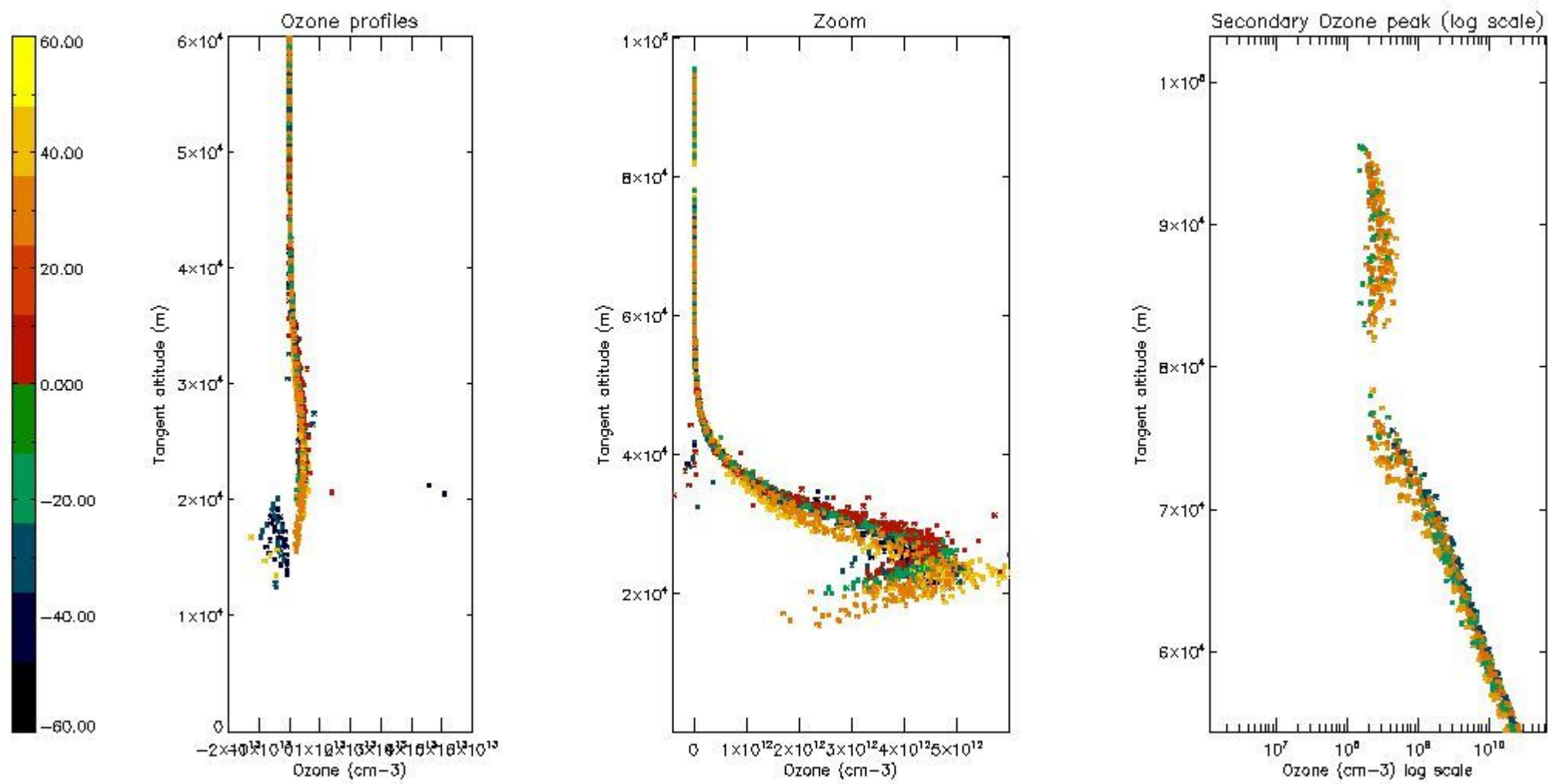
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



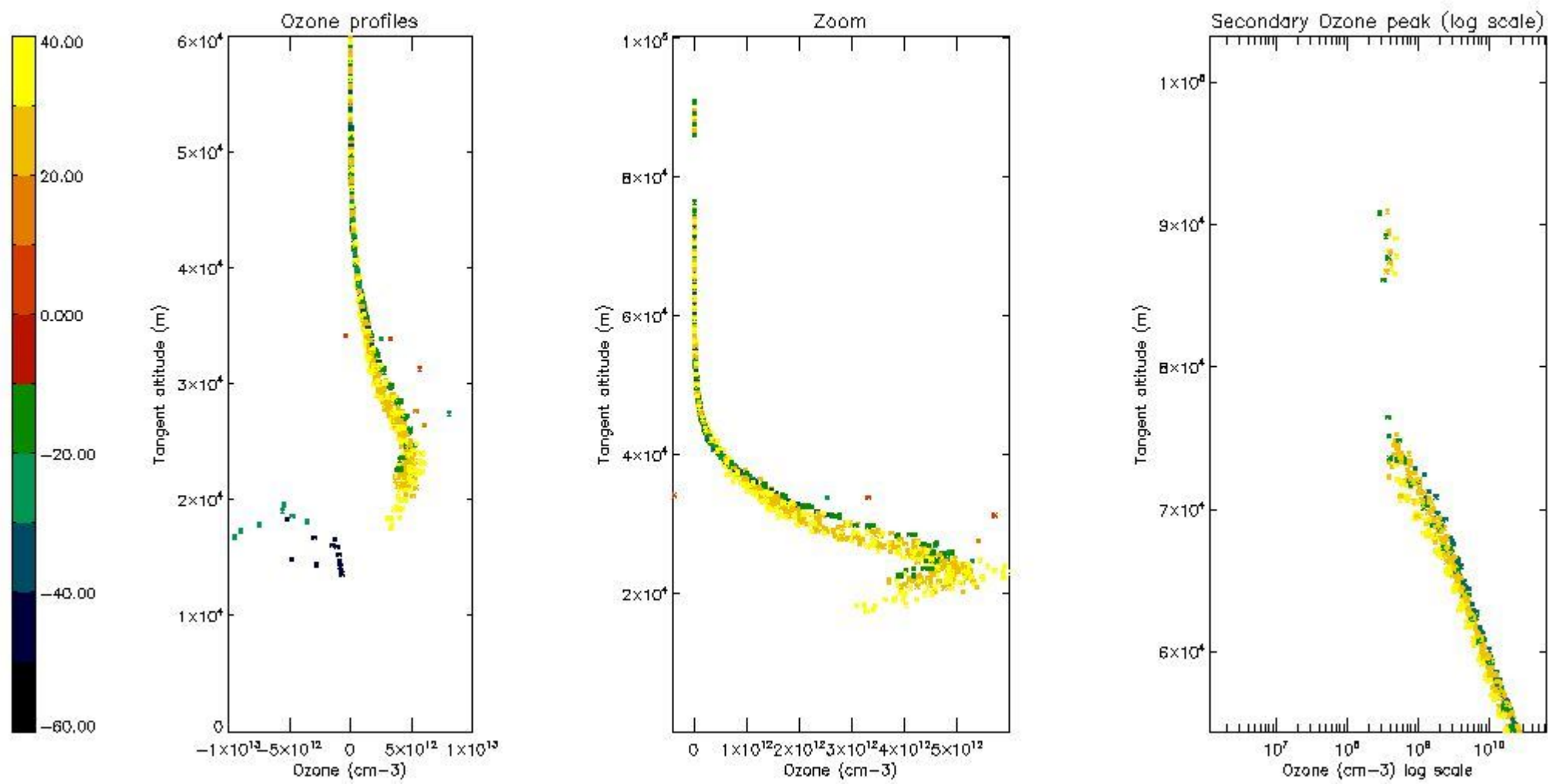
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



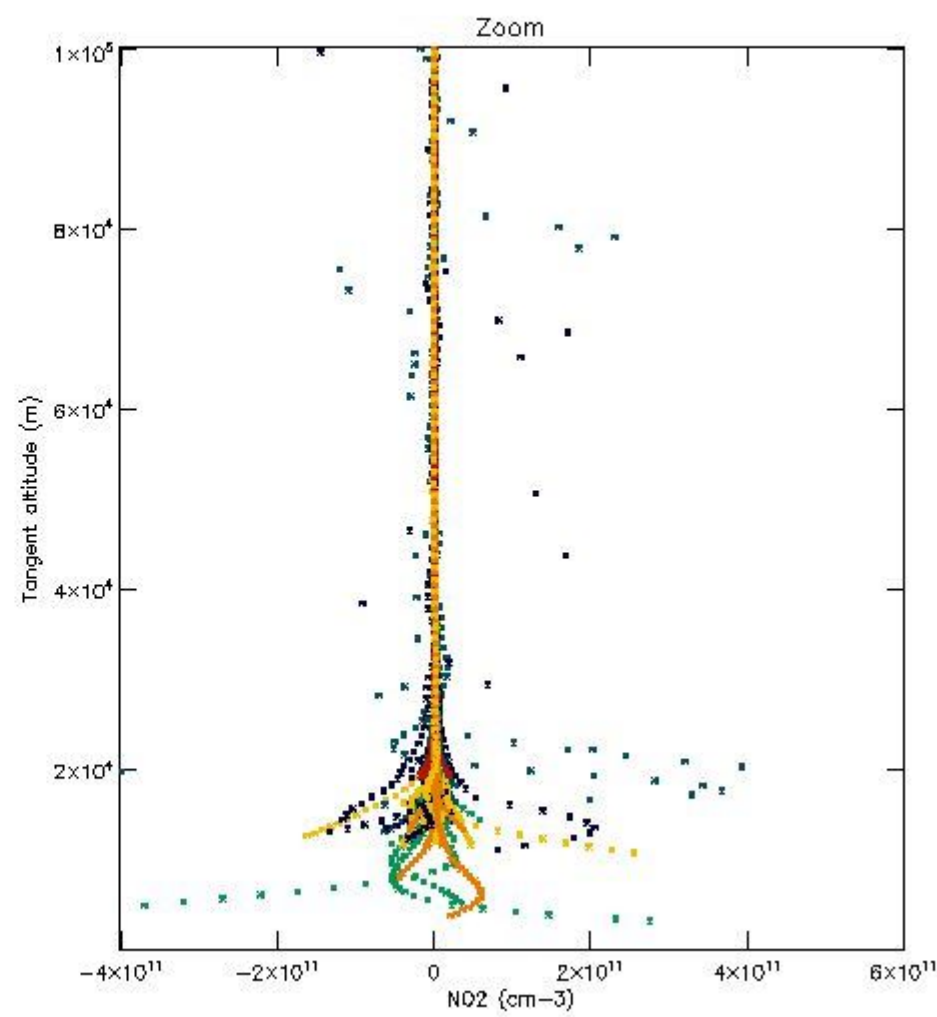
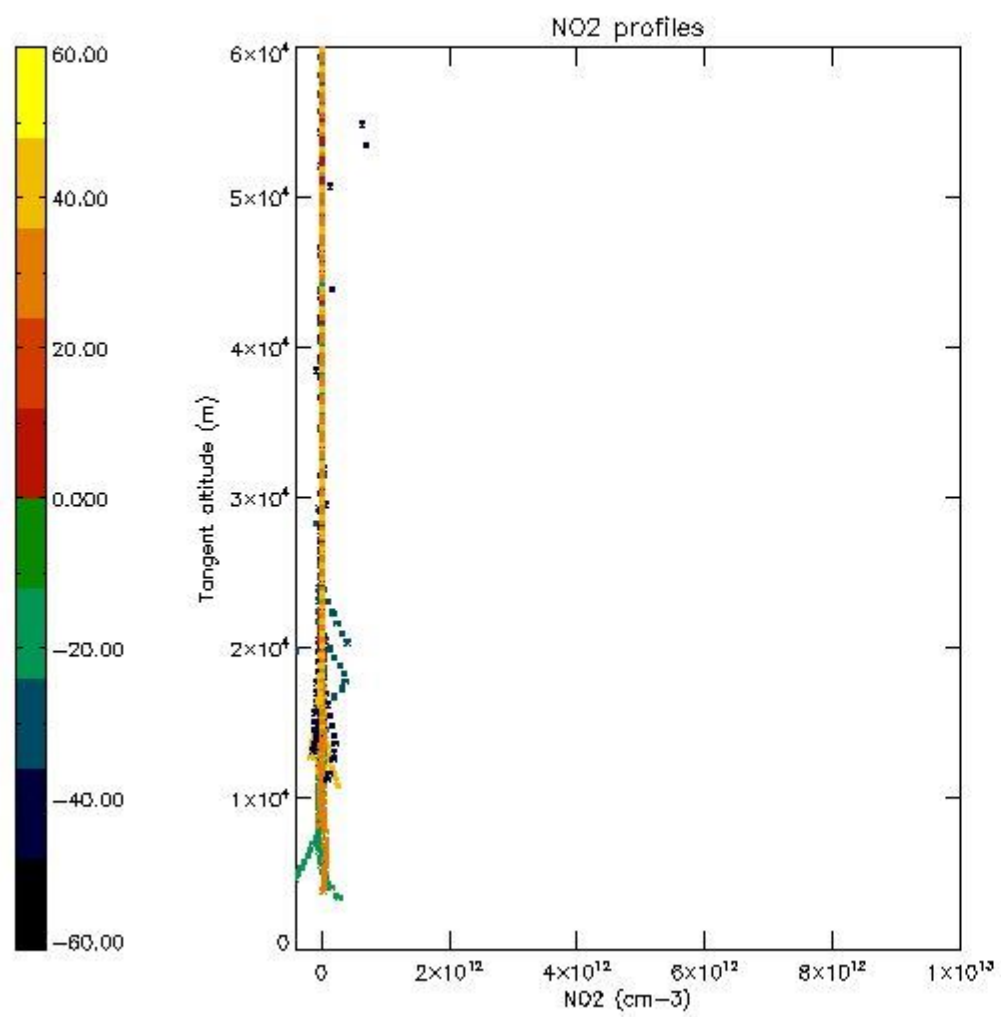
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



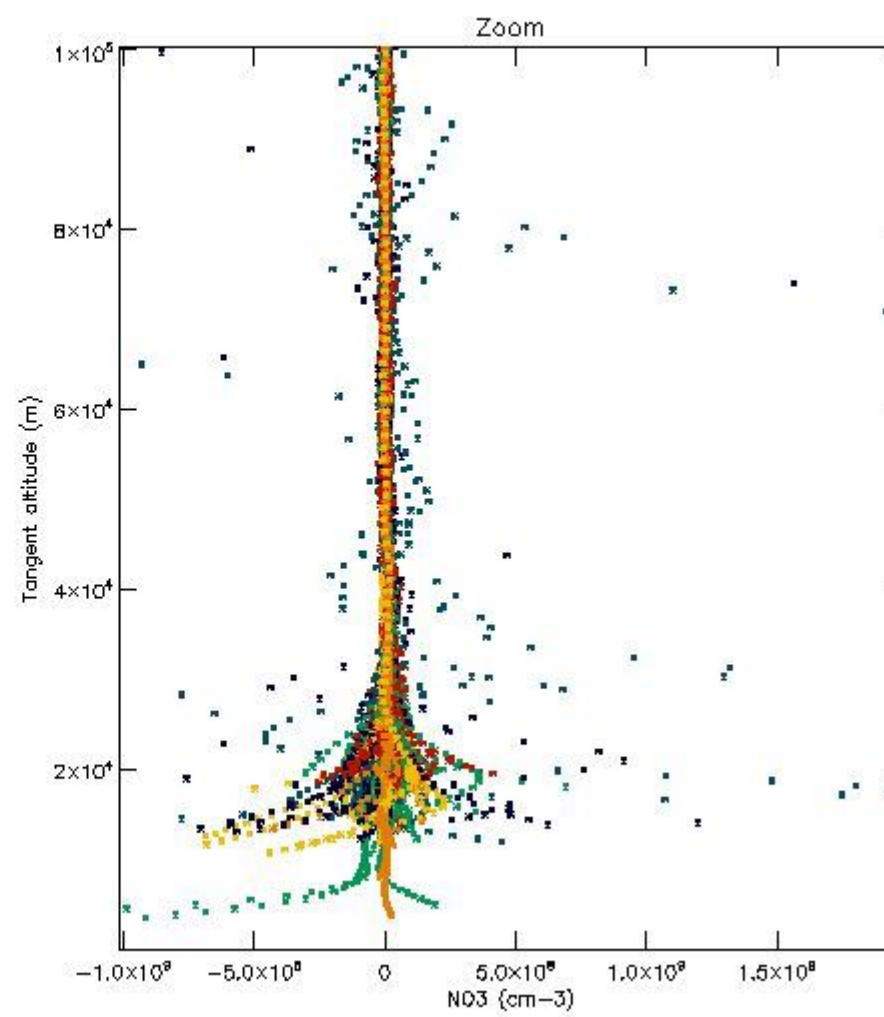
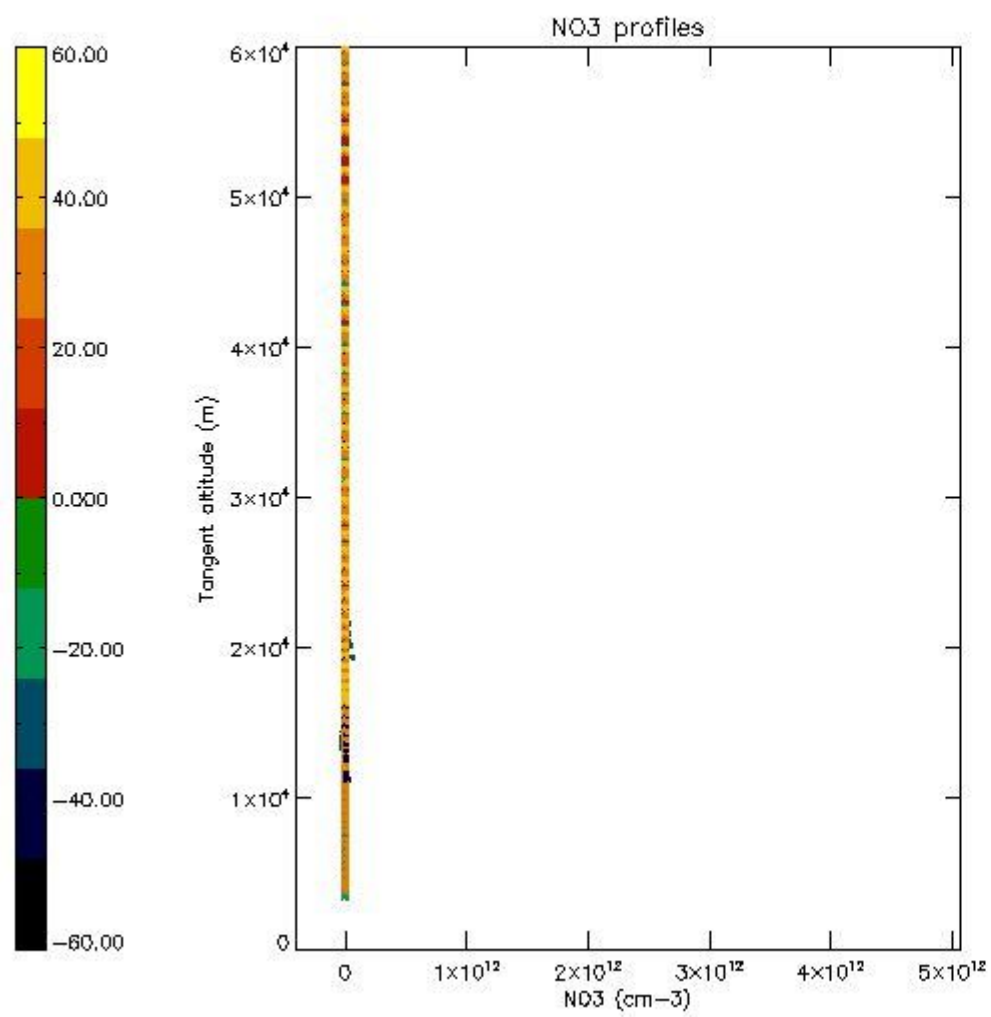
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



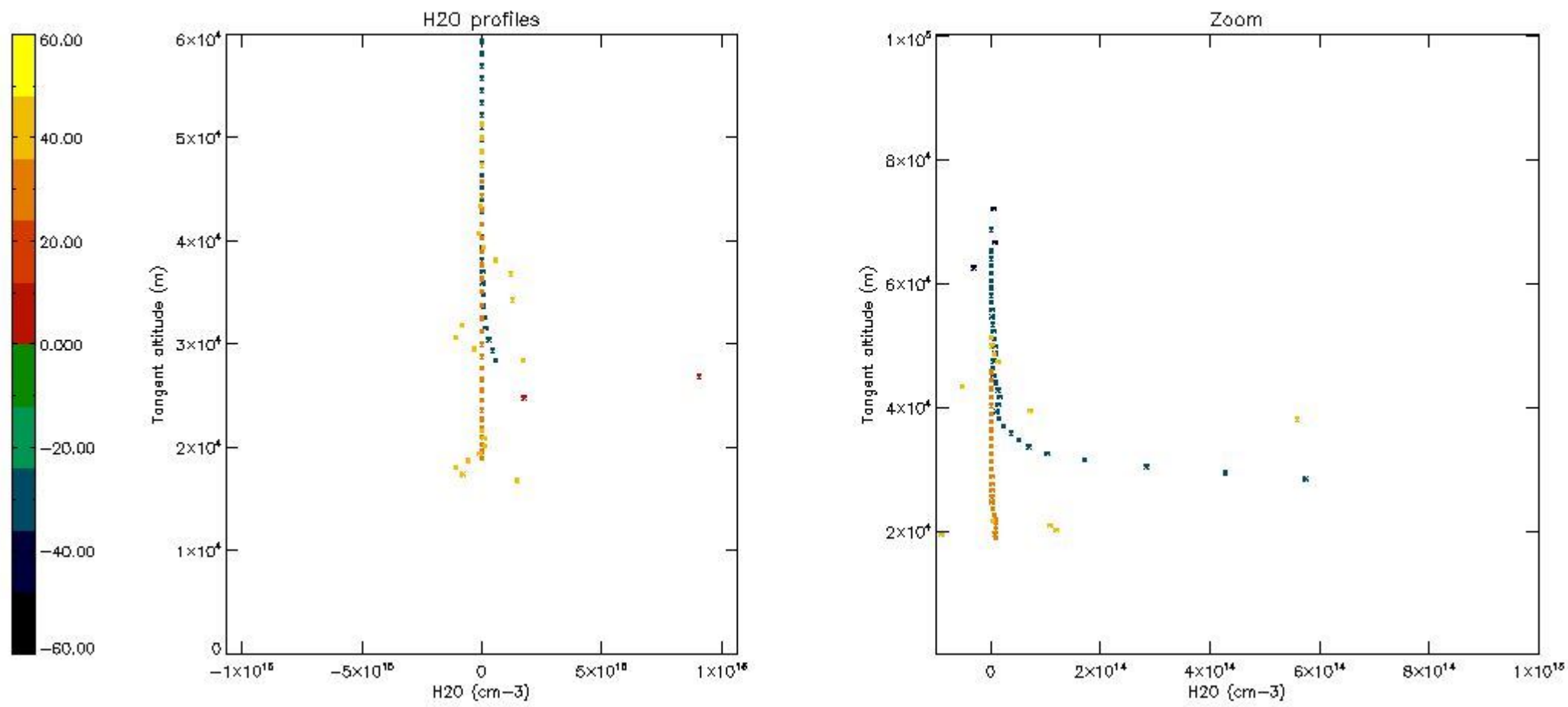
5.7 Plot NO3 profiles for all STD (dark without errors)

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	19-DEC-2008 00:01:00
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	19-DEC-2008 00:01:00
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	19-DEC-2008 00:01:00

GOMOS Level 2 Daily Report

SUMMARY

[1. General Info](#)

[2. Summary of processed GOM_NL_2P products](#)

[3. Level 2 Quality information per product](#)

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[4. Level 1 Quality information per product \(stored on level 2 products\)](#)

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

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

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

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[5. Ozone profiles based on quality statistics and other trace gas profiles](#)

[5.1 Ozone statistics based on quality of products](#)

[5.2 Plot ozone profiles for all STD \(dark without errors\)](#)

[5.3 Plot ozone profiles where STD < 20% \(dark without errors\)](#)

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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 23:55:01
Data source version	GOMOS/6.01
Start time of products	19-12-2008 (19DEC2008 00:00:00)
Stop time of products	20-12-2008 (20DEC2008 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	377
Nb of prods with errors	1

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__2PRFIN20081219_000100_000000512074_00445_35569_0445.N1	19-DEC-2008 00:01:00	Dark	51.000	106	9Bet Crv	2.6480	5600.0	102	35569	No
2	GOM_NL__2PRFIN20081219_000528_000000432074_00445_35569_0446.N1	19-DEC-2008 00:05:28	Dark	42.500	64	Gam Cen	2.2000	10600.	85	35569	No
3	GOM_NL__2PRFIN20081219_000713_000000532074_00446_35570_0432.N1	19-DEC-2008 00:07:13	Dark	52.500	26	Gam Cru	1.6240	2900.0	105	35570	No
4	GOM_NL__2PRFIN20081219_001108_000000452074_00446_35570_0433.N1	19-DEC-2008 00:11:08	Dark	45.000	113	Mu Vel	2.6920	5000.0	90	35570	No
5	GOM_NL__2PRFIN20081219_001316_000000382074_00446_35570_0434.N1	19-DEC-2008 00:13:16	Dark	38.000	159	Ups Car	2.9200	7200.0	76	35570	No
6	GOM_NL__2PRFIN20081219_001442_000000432074_00446_35570_0435.N1	19-DEC-2008 00:14:42	Dark	43.000	71	Iot Car	2.2460	7700.0	86	35570	No
7	GOM_NL__2PRFIN20081219_001925_000000452074_00446_35570_0436.N1	19-DEC-2008 00:19:25	Dark	45.000	34	Gam2Vel	1.7930	23000.	90	35570	No
8	GOM_NL__2PRFIN20081219_002135_000000502074_00446_35570_0437.N1	19-DEC-2008 00:21:35	Dark	50.000	70	Zet Pup	2.2460	39000.	100	35570	No
9	GOM_NL__2PRFIN20081219_002410_000000482074_00446_35570_0438.N1	19-DEC-2008 00:24:10	Dark	47.500	117	Pi Pup	2.7060	3800.0	95	35570	No
10	GOM_NL__2PRFIN20081219_002719_000000512074_00446_35570_0439.N1	19-DEC-2008 00:27:19	Straylight	50.500	23	21Eps CMa	1.5020	26000.	101	35570	No
11	GOM_NL__2PRFIN20081219_002903_000000522074_00446_35570_0440.N1	19-DEC-2008 00:29:03	Straylight	51.500	179	24Omi2CMa	3.0320	24000.	103	35570	No
12	GOM_NL__2PRFIN20081219_003157_000000512074_00446_35570_0441.N1	19-DEC-2008 00:31:57	Straylight	51.000	1	9Alp CMa	-1.4400	11000.	102	35570	No
13	GOM_NL__2PRFIN20081219_003509_000000462074_00446_35570_0442.N1	19-DEC-2008 00:35:09	Straylight	45.500	7	19Bet Ori	0.10000	14000.	91	35570	No
14	GOM_NL__2PRFIN20081219_003718_000000472074_00446_35570_0443.N1	19-DEC-2008 00:37:18	Straylight	46.500	30	46Eps Ori	1.6940	30000.	93	35570	No
15	GOM_NL__2PRFIN20081219_004018_000000582074_00446_35570_0444.N1	19-DEC-2008 00:40:18	Tw_i_and_stray	57.500	14	58Alp Ori	0.87000	3000.0	115	35570	No
16	GOM_NL__2PRFIN20081219_004225_000000482074_00446_35570_0445.N1	19-DEC-2008 00:42:25	Tw_i_and_stray	47.500	13	87Alp Tau	0.86700	3800.0	95	35570	No
17	GOM_NL__2PRFIN20081219_004425_000000412074_00446_35570_0446.N1	19-DEC-2008 00:44:25	Bright	41.000	176	23Zet Tau	3.0200	22000.	82	35570	No
18	GOM_NL__2PRFIN20081219_004629_000000402074_00446_35570_0447.N1	19-DEC-2008 00:46:29	Bright	40.000	28	12Bet Tau	1.6500	15200.	80	35570	No
19	GOM_NL__2PRFIN20081219_004955_000000412074_00446_35570_0448.N1	19-DEC-2008 00:49:55	Bright	41.000	107	37The Aur	2.6490	11000.	82	35570	No
20	GOM_NL__2PRFIN20081219_005123_000000422074_00446_35570_0449.N1	19-DEC-2008 00:51:23	Bright	41.500	6	13Alp Aur	0.080000	3400.0	83	35570	No
21	GOM_NL__2PRFIN20081219_010740_000000362074_00446_35570_0450.N1	19-DEC-2008 01:07:40	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	35570	No
22	GOM_NL__2PRFIN20081219_011208_000000442074_00446_35570_0451.N1	19-DEC-2008 01:12:08	Bright	44.000	32	77Eps UMa	1.7630	11000.	88	35570	No
23	GOM_NL__2PRFIN20081219_011451_000000592074_00446_35570_0452.N1	19-DEC-2008 01:14:51	Bright	59.000	39	85Eta UMa	1.8540	24000.	118	35570	No
24	GOM_NL__2PRFIN20081219_011819_000000372074_00446_35570_0453.N1	19-DEC-2008 01:18:19	Bright	36.500	180	27Gam Boo	3.0400	8000.0	73	35570	No
25	GOM_NL__2PRFIN20081219_012136_000000462074_00446_35570_0454.N1	19-DEC-2008 01:21:36	Bright	46.000	83		2.3780	11000.	92	35570	No
26	GOM_NL__2PRFIN20081219_012503_000000622074_00446_35570_0455.N1	19-DEC-2008 01:25:03	Bright	61.500	111	8Eta Boo	2.6800	6000.0	123	35570	No
27	GOM_NL__2PRFIN20081219_013520_000000562074_00446_35570_0456.N1	19-DEC-2008 01:35:20	Tw_i_and_stray	56.000	15	67Alp Vir	0.97600	28000.	112	35570	No
28	GOM_NL__2PRFIN20081219_013851_000000462074_00446_35570_0457.N1	19-DEC-2008 01:38:51	Dark	46.000	169	46Gam Hya	2.9910	4700.0	92	35570	No
29	GOM_NL__2PRFIN20081219_014137_000000582074_00446_35570_0458.N1	19-DEC-2008 01:41:37	Dark	57.500	106	9Bet Crv	2.6480	5600.0	115	35570	No
30	GOM_NL__2PRFIN20081219_014604_000000442074_00446_35570_0459.N1	19-DEC-2008 01:46:04	Dark	44.000	64	Gam Cen	2.2000	10600.	88	35570	No
31	GOM_NL__2PRFIN20081219_014749_000000442074_00447_35571_0448.N1	19-DEC-2008 01:47:49	Dark	43.500	26	Gam Cru	1.6240	2900.0	87	35571	No
32	GOM_NL__2PRFIN20081219_015145_000000452074_00447_35571_0449.N1	19-DEC-2008 01:51:45	Dark	45.000	113	Mu Vel	2.6920	5000.0	90	35571	No
33	GOM_NL__2PRFIN20081219_015352_000000392074_00447_35571_0450.N1	19-DEC-2008 01:53:52	Dark	39.000	159	Ups Car	2.9200	7200.0	78	35571	No
34	GOM_NL__2PRFIN20081219_015519_000000412074_00447_35571_0451.N1	19-DEC-2008 01:55:19	Dark	41.000	71	Iot Car	2.2460	7700.0	82	35571	No
35	GOM_NL__2PRFIN20081219_020002_000000472074_00447_35571_0452.N1	19-DEC-2008 02:00:02	Dark	46.500	34	Gam2Vel	1.7930	23000.	93	35571	No
36	GOM_NL__2PRFIN20081219_020212_000000502074_00447_35571_0453.N1	19-DEC-2008 02:02:12	Dark	50.000	70	Zet Pup	2.2460	39000.	100	35571	No
37	GOM_NL__2PRFIN20081219_020446_000000522074_00447_35571_0454.N1	19-DEC-2008 02:04:46	Dark	52.000	117	Pi Pup	2.7060	3800.0	104	35571	No
38	GOM_NL__2PRFIN20081219_020755_000000522074_00447_35571_0455.N1	19-DEC-2008 02:07:55	Straylight	51.500	23	21Eps CMa	1.5020	26000.	103	35571	No
39	GOM_NL__2PRFIN20081219_020939_000000522074_00447_35571_0456.N1	19-DEC-2008 02:09:39	Straylight	51.500	179	24Omi2CMa	3.0320	24000.	103	35571	No
40	GOM_NL__2PRFIN20081219_021233_000000512074_00447_35571_0457.N1	19-DEC-2008 02:12:33	Straylight	51.000	1	9Alp CMa	-1.4400	11000.	102	35571	No
41	GOM_NL__2PRFIN20081219_021545_000000492074_00447_35571_0458.N1	19-DEC-2008 02:15:45	Straylight	49.000	7	19Bet Ori	0.10000	14000.	98	35571	No
42	GOM_NL__2PRFIN20081219_021754_000000432074_00447_35571_0459.N1	19-DEC-2008 02:17:54	Straylight	43.000	30	46Eps Ori	1.6940	30000.	86	35571	No

102	GOM_NL__2PRFIN20081219_054816_000000412074_00449_35573_0500.N1	19-DEC-2008 05:48:16	Bright	40.500	28	12Bet Tau	1.6500	15200.	81	35573	No
103	GOM_NL__2PRFIN20081219_055141_000000422074_00449_35573_0501.N1	19-DEC-2008 05:51:41	Bright	41.500	107	37The Aur	2.6490	11000.	83	35573	No
104	GOM_NL__2PRFIN20081219_055310_000000422074_00449_35573_0502.N1	19-DEC-2008 05:53:10	Bright	41.500	6	13Alp Aur	0.080000	3400.0	83	35573	No
105	GOM_NL__2PRFIN20081219_060928_000000362074_00449_35573_0503.N1	19-DEC-2008 06:09:28	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	35573	No
106	GOM_NL__2PRFIN20081219_061355_000000442074_00449_35573_0504.N1	19-DEC-2008 06:13:55	Bright	44.000	32	77Eps UMa	1.7630	11000.	88	35573	No
107	GOM_NL__2PRFIN20081219_061639_000000392074_00449_35573_0505.N1	19-DEC-2008 06:16:39	Bright	38.500	39	85Eta UMa	1.8540	24000.	77	35573	No
108	GOM_NL__2PRFIN20081219_062007_000000482074_00449_35573_0506.N1	19-DEC-2008 06:20:07	Bright	47.500	180	27Gam Boo	3.0400	8000.0	95	35573	No
109	GOM_NL__2PRFIN20081219_062324_000000382074_00449_35573_0507.N1	19-DEC-2008 06:23:24	Bright	37.500	83		2.3780	11000.	75	35573	No
110	GOM_NL__2PRFIN20081219_062652_000000442074_00449_35573_0508.N1	19-DEC-2008 06:26:52	Bright	44.000	111	8Eta Boo	2.6800	6000.0	88	35573	No
111	GOM_NL__2PRFIN20081219_063710_000000572074_00449_35573_0509.N1	19-DEC-2008 06:37:10	Tw_i_and_stray	56.500	15	67Alp Vir	0.97600	28000.	113	35573	No
112	GOM_NL__2PRFIN20081219_064041_000000472074_00449_35573_0510.N1	19-DEC-2008 06:40:41	Dark	46.500	169	46Gam Hya	2.9910	4700.0	93	35573	No
113	GOM_NL__2PRFIN20081219_064329_000000572074_00449_35573_0511.N1	19-DEC-2008 06:43:29	Dark	57.000	106	9Bet Crv	2.6480	5600.0	114	35573	No
114	GOM_NL__2PRFIN20081219_064754_000000432074_00449_35573_0512.N1	19-DEC-2008 06:47:54	Dark	43.000	64	Gam Cen	2.2000	10600.	86	35573	No
115	GOM_NL__2PRFIN20081219_064939_000000552074_00450_35574_0498.N1	19-DEC-2008 06:49:39	Dark	55.000	26	Gam Cru	1.6240	2900.0	110	35574	No
116	GOM_NL__2PRFIN20081219_065335_000000452074_00450_35574_0499.N1	19-DEC-2008 06:53:35	Dark	45.000	113	Mu Vel	2.6920	5000.0	90	35574	No
117	GOM_NL__2PRFIN20081219_065542_000000392074_00450_35574_0500.N1	19-DEC-2008 06:55:42	Dark	38.500	159	Ups Car	2.9200	7200.0	77	35574	No
118	GOM_NL__2PRFIN20081219_065708_000000422074_00450_35574_0501.N1	19-DEC-2008 06:57:08	Dark	41.500	71	lot Car	2.2460	7700.0	83	35574	No
119	GOM_NL__2PRFIN20081219_070152_000000492074_00450_35574_0502.N1	19-DEC-2008 07:01:52	Dark	48.500	34	Gam2Vel	1.7930	23000.	97	35574	No
120	GOM_NL__2PRFIN20081219_070402_000000492074_00450_35574_0503.N1	19-DEC-2008 07:04:02	Dark	49.000	70	Zet Pup	2.2460	39000.	98	35574	No
121	GOM_NL__2PRFIN20081219_070636_000000532074_00450_35574_0504.N1	19-DEC-2008 07:06:36	Dark	53.000	117	Pi Pup	2.7060	3800.0	106	35574	No
122	GOM_NL__2PRFIN20081219_070944_000000502074_00450_35574_0505.N1	19-DEC-2008 07:09:44	Straylight	50.000	23	21Eps CMa	1.5020	26000.	100	35574	No
123	GOM_NL__2PRFIN20081219_071128_000000512074_00450_35574_0506.N1	19-DEC-2008 07:11:28	Straylight	50.500	179	24Omi2CMa	3.0320	24000.	101	35574	No
124	GOM_NL__2PRFIN20081219_071421_000000622074_00450_35574_0507.N1	19-DEC-2008 07:14:21	Straylight	61.500	1	9Alp CMa	-1.4400	11000.	123	35574	No
125	GOM_NL__2PRFIN20081219_071733_000000472074_00450_35574_0508.N1	19-DEC-2008 07:17:33	Straylight	47.000	7	19Bet Ori	0.10000	14000.	94	35574	No
126	GOM_NL__2PRFIN20081219_071942_000000472074_00450_35574_0509.N1	19-DEC-2008 07:19:42	Straylight	46.500	30	46Eps Ori	1.6940	30000.	93	35574	No
127	GOM_NL__2PRFIN20081219_072240_000000572074_00450_35574_0510.N1	19-DEC-2008 07:22:40	Tw_i_and_stray	57.000	14	58Alp Ori	0.87000	3000.0	114	35574	No
128	GOM_NL__2PRFIN20081219_072449_000000492074_00450_35574_0511.N1	19-DEC-2008 07:24:49	Tw_i_and_stray	49.000	13	87Alp Tau	0.86700	3800.0	98	35574	No
129	GOM_NL__2PRFIN20081219_072647_000000442074_00450_35574_0512.N1	19-DEC-2008 07:26:47	Bright	43.500	176	23Zet Tau	3.0200	22000.	87	35574	No
130	GOM_NL__2PRFIN20081219_072851_000000422074_00450_35574_0513.N1	19-DEC-2008 07:28:51	Bright	42.000	28	12Bet Tau	1.6500	15200.	84	35574	No
131	GOM_NL__2PRFIN20081219_073216_000000432074_00450_35574_0514.N1	19-DEC-2008 07:32:16	Bright	43.000	107	37The Aur	2.6490	11000.	86	35574	No
132	GOM_NL__2PRFIN20081219_073346_000000432074_00450_35574_0515.N1	19-DEC-2008 07:33:46	Bright	42.500	6	13Alp Aur	0.080000	3400.0	85	35574	No
133	GOM_NL__2PRFIN20081219_075004_000000342074_00450_35574_0516.N1	19-DEC-2008 07:50:04	Bright	33.500	60	7Bet UMi	2.0810	3950.0	67	35574	No
134	GOM_NL__2PRFIN20081219_075431_000000442074_00450_35574_0517.N1	19-DEC-2008 07:54:31	Bright	43.500	32	77Eps UMa	1.7630	11000.	87	35574	No
135	GOM_NL__2PRFIN20081219_075714_000000392074_00450_35574_0518.N1	19-DEC-2008 07:57:14	Bright	39.000	39	85Eta UMa	1.8540	24000.	78	35574	No
136	GOM_NL__2PRFIN20081219_080043_000000372074_00450_35574_0519.N1	19-DEC-2008 08:00:43	Bright	37.000	180	27Gam Boo	3.0400	8000.0	74	35574	No
137	GOM_NL__2PRFIN20081219_080400_000000382074_00450_35574_0520.N1	19-DEC-2008 08:04:00	Bright	37.500	83		2.3780	11000.	75	35574	No
138	GOM_NL__2PRFIN20081219_080728_000000512074_00450_35574_0521.N1	19-DEC-2008 08:07:28	Bright	50.500	111	8Eta Boo	2.6800	6000.0	101	35574	No
139	GOM_NL__2PRFIN20081219_081747_000000532074_00450_35574_0522.N1	19-DEC-2008 08:17:47	Tw_i_and_stray	53.000	15	67Alp Vir	0.97600	28000.	106	35574	No
140	GOM_NL__2PRFIN20081219_082118_000000472074_00450_35574_0523.N1	19-DEC-2008 08:21:18	Dark	47.000	169	46Gam Hya	2.9910	4700.0	94	35574	No
141	GOM_NL__2PRFIN20081219_082406_000000592074_00450_35574_0524.N1	19-DEC-2008 08:24:06	Dark	58.500	106	9Bet Crv	2.6480	5600.0	117	35574	No
142	GOM_NL__2PRFIN20081219_082831_000000442074_00450_35574_0525.N1	19-DEC-2008 08:28:31	Dark	43.500	64	Gam Cen	2.2000	10600.	87	35574	No
143	GOM_NL__2PRFIN20081219_083015_000000452074_00451_35575_0573.N1	19-DEC-2008 08:30:15	Dark	45.000	26	Gam Cru	1.6240	2900.0	90	35575	No
144	GOM_NL__2PRFIN20081219_083412_000000452074_00451_35575_0574.N1	19-DEC-2008 08:34:12	Dark	44.500	113	Mu Vel	2.6920	5000.0	89	35575	No
145	GOM_NL__2PRFIN20081219_083618_000000382074_00451_35575_0575.N1	19-DEC-2008 08:36:18	Dark	38.000	159	Ups Car	2.9200	7200.0	76	35575	No
146	GOM_NL__2PRFIN20081219_083745_000000412074_00451_35575_0576.N1	19-DEC-2008 08:37:45	Dark	41.000	71	lot Car	2.2460	7700.0	82	35575	No
147	GOM_NL__2PRFIN20081219_084229_000000472074_00451_35575_0577.N1	19-DEC-2008 08:42:29	Dark	47.000	34	Gam2Vel	1.7930	23000.	94	35575	No
148	GOM_NL__2PRFIN20081219_084438_000000482074_00451_35575_0578.N1	19-DEC-2008 08:44:38	Dark	48.000	70	Zet Pup	2.2460	39000.	96	35575	No
149	GOM_NL__2PRFIN20081219_084712_000000492074_00451_35575_0579.N1	19-DEC-2008 08:47:12	Dark	49.000	117	Pi Pup	2.7060	3800.0	98	35575	No
150	GOM_NL__2PRFIN20081219_085021_000000522074_00451_35575_0580.N1	19-DEC-2008 08:50:21	Straylight	51.500	23	21Eps CMa	1.5020	26000.	103	35575	No
151	GOM_NL__2PRFIN20081219_085205_000000482074_00451_35575_0581.N1	19-DEC-2008 08:52:05	Straylight	48.000	179	24Omi2CMa	3.0320	24000.	96	35575	No
152	GOM_NL__2PRFIN20081219_085457_000000552074_00451_35575_0582.N1	19-DEC-2008 08:54:57	Straylight	55.000	1	9Alp CMa	-1.4400	11000.	110	35575	No
153	GOM_NL__2PRFIN20081219_085809_000000452074_00451_35575_0583.N1	19-DEC-2008 08:58:09	Straylight	45.000	7	19Bet Ori	0.10000	14000.	90	35575	No
154	GOM_NL__2PRFIN20081219_090018_000000462074_00451_35575_0584.N1	19-DEC-2008 09:00:18	Straylight	45.500	30	46Eps Ori	1.6940	30000.	91	35575	No
155	GOM_NL__2PRFIN20081219_090316_000000582074_00451_35575_0585.N1	19-DEC-2008 09:03:16	Tw_i_and_stray	58.000	14	58Alp Ori	0.87000	3000.0	116	35575	No
156	GOM_NL__2PRFIN20081219_090525_000000482074_00451_35575_0586.N1	19-DEC-2008 09:05:25	Tw_i_and_stray	47.500	13	87Alp Tau	0.86700	3800.0	95	35575	No
157	GOM_NL__2PRFIN20081219_090723_000000432074_00451_35575_0587.N1	19-DEC-2008 09:07:23	Bright	42.500	176	23Zet Tau	3.0200	22000.	85	35575	No
158	GOM_NL__2PRFIN20081219_090927_000000422074_00451_35575_0588.N1	19-DEC-2008 09:09:27	Bright	41.500	28	12Bet Tau	1.6500	15200.	83	35575	No
159	GOM_NL__2PRFIN20081219_091252_000000612074_00451_35575_0589.N1	19-DEC-2008 09:12:52	Bright	60.500	107	37The Aur	2.6490	11000.	121	35575	No
160	GOM_NL__2PRFIN20081219_091422_000000442074_00451_35575_0590.N1	19-DEC-2008 09:14:22	Bright	43.500	6	13Alp Aur	0.080000	3400.0	87	35575	No

161	GOM_NL__2PRFIN20081219_093040_000000382074_00451_35575_0591.N1	19-DEC-2008 09:30:40	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	35575	No
162	GOM_NL__2PRFIN20081219_093507_000000432074_00451_35575_0592.N1	19-DEC-2008 09:35:07	Bright	42.500	32	77Eps UMa	1.7630	11000.	85	35575	No
163	GOM_NL__2PRFIN20081219_093750_000000422074_00451_35575_0593.N1	19-DEC-2008 09:37:50	Bright	41.500	39	85Eta UMa	1.8540	24000.	83	35575	No
164	GOM_NL__2PRFIN20081219_094119_000000562074_00451_35575_0594.N1	19-DEC-2008 09:41:19	Bright	56.000	180	27Gam Boo	3.0400	8000.0	112	35575	No
165	GOM_NL__2PRFIN20081219_094437_000000362074_00451_35575_0595.N1	19-DEC-2008 09:44:37	Bright	36.000	83		2.3780	11000.	72	35575	No
166	GOM_NL__2PRFIN20081219_094804_000000432074_00451_35575_0596.N1	19-DEC-2008 09:48:04	Bright	42.500	111	8Eta Boo	2.6800	6000.0	85	35575	No
167	GOM_NL__2PRFIN20081219_095824_000000542074_00451_35575_0597.N1	19-DEC-2008 09:58:24	Twi_and_stray	53.500	15	67Alp Vir	0.97600	28000.	107	35575	No
168	GOM_NL__2PRFIN20081219_100155_000000472074_00451_35575_0598.N1	19-DEC-2008 10:01:55	Dark	47.000	169	46Gam Hya	2.9910	4700.0	94	35575	No
169	GOM_NL__2PRFIN20081219_100443_000000602074_00451_35575_0599.N1	19-DEC-2008 10:04:43	Dark	60.000	106	9Bet Crv	2.6480	5600.0	120	35575	No
170	GOM_NL__2PRFIN20081219_100907_000000422074_00451_35575_0600.N1	19-DEC-2008 10:09:07	Dark	41.500	64	Gam Cen	2.2000	10600.	83	35575	No
171	GOM_NL__2PRFIN20081219_101052_000000452074_00452_35576_0724.N1	19-DEC-2008 10:10:52	Dark	44.500	26	Gam Cru	1.6240	2900.0	89	35576	No
172	GOM_NL__2PRFIN20081219_101449_000000452074_00452_35576_0725.N1	19-DEC-2008 10:14:49	Dark	45.000	113	Mu Vel	2.6920	5000.0	90	35576	No
173	GOM_NL__2PRFIN20081219_101655_000000382074_00452_35576_0726.N1	19-DEC-2008 10:16:55	Dark	38.000	159	Ups Car	2.9200	7200.0	76	35576	No
174	GOM_NL__2PRFIN20081219_101821_000000452074_00452_35576_0727.N1	19-DEC-2008 10:18:21	Dark	45.000	71	lot Car	2.2460	7700.0	90	35576	No
175	GOM_NL__2PRFIN20081219_102305_000000442074_00452_35576_0728.N1	19-DEC-2008 10:23:05	Dark	44.000	34	Gam2Vel	1.7930	23000.	88	35576	No
176	GOM_NL__2PRFIN20081219_102515_000000482074_00452_35576_0729.N1	19-DEC-2008 10:25:15	Dark	48.000	70	Zet Pup	2.2460	39000.	96	35576	No
177	GOM_NL__2PRFIN20081219_102749_000000502074_00452_35576_0730.N1	19-DEC-2008 10:27:49	Dark	50.000	117	Pi Pup	2.7060	3800.0	100	35576	No
178	GOM_NL__2PRFIN20081219_103057_000000502074_00452_35576_0731.N1	19-DEC-2008 10:30:57	Straylight	49.500	23	21Eps CMa	1.5020	26000.	99	35576	No
179	GOM_NL__2PRFIN20081219_103241_000000492074_00452_35576_0732.N1	19-DEC-2008 10:32:41	Straylight	48.500	179	24Omi2CMa	3.0320	24000.	97	35576	No
180	GOM_NL__2PRFIN20081219_103533_000000572074_00452_35576_0733.N1	19-DEC-2008 10:35:33	Straylight	56.500	1	9Alp CMa	-1.4400	11000.	113	35576	No
181	GOM_NL__2PRFIN20081219_103845_000000452074_00452_35576_0734.N1	19-DEC-2008 10:38:45	Straylight	44.500	7	19Bet Ori	0.10000	14000.	89	35576	No
182	GOM_NL__2PRFIN20081219_104054_000000452074_00452_35576_0735.N1	19-DEC-2008 10:40:54	Straylight	45.000	30	46Eps Ori	1.6940	30000.	90	35576	No
183	GOM_NL__2PRFIN20081219_104352_000000562074_00452_35576_0736.N1	19-DEC-2008 10:43:52	Twi_and_stray	55.500	14	58Alp Ori	0.87000	3000.0	111	35576	No
184	GOM_NL__2PRFIN20081219_104601_000000492074_00452_35576_0737.N1	19-DEC-2008 10:46:01	Twi_and_stray	49.000	13	87Alp Tau	0.86700	3800.0	98	35576	No
185	GOM_NL__2PRFIN20081219_104759_000000422074_00452_35576_0738.N1	19-DEC-2008 10:47:59	Bright	41.500	176	23Zet Tau	3.0200	22000.	83	35576	No
186	GOM_NL__2PRFIN20081219_105002_000000412074_00452_35576_0739.N1	19-DEC-2008 10:50:02	Bright	41.000	28	12Bet Tau	1.6500	15200.	82	35576	No
187	GOM_NL__2PRFIN20081219_105327_000000422074_00452_35576_0740.N1	19-DEC-2008 10:53:27	Bright	42.000	107	37The Aur	2.6490	11000.	84	35576	No
188	GOM_NL__2PRFIN20081219_105457_000000432074_00452_35576_0741.N1	19-DEC-2008 10:54:57	Bright	43.000	6	13Alp Aur	0.080000	3400.0	86	35576	No
189	GOM_NL__2PRFIN20081219_111116_000000372074_00452_35576_0742.N1	19-DEC-2008 11:11:16	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	35576	No
190	GOM_NL__2PRFIN20081219_111542_000000442074_00452_35576_0743.N1	19-DEC-2008 11:15:42	Bright	44.000	32	77Eps UMa	1.7630	11000.	88	35576	No
191	GOM_NL__2PRFIN20081219_111826_000000402074_00452_35576_0744.N1	19-DEC-2008 11:18:26	Bright	40.000	39	85Eta UMa	1.8540	24000.	80	35576	No
192	GOM_NL__2PRFIN20081219_112155_000000392074_00452_35576_0745.N1	19-DEC-2008 11:21:55	Bright	38.500	180	27Gam Boo	3.0400	8000.0	77	35576	No
193	GOM_NL__2PRFIN20081219_112513_000000362074_00452_35576_0746.N1	19-DEC-2008 11:25:13	Bright	36.000	83		2.3780	11000.	72	35576	No
194	GOM_NL__2PRFIN20081219_112840_000000442074_00452_35576_0747.N1	19-DEC-2008 11:28:40	Bright	43.500	111	8Eta Boo	2.6800	6000.0	87	35576	No
195	GOM_NL__2PRFIN20081219_113901_000000522074_00452_35576_0748.N1	19-DEC-2008 11:39:01	Twi_and_stray	52.000	15	67Alp Vir	0.97600	28000.	104	35576	No
196	GOM_NL__2PRFIN20081219_114232_000000502074_00452_35576_0749.N1	19-DEC-2008 11:42:32	Dark	49.500	169	46Gam Hya	2.9910	4700.0	99	35576	No
197	GOM_NL__2PRFIN20081219_114520_000000542074_00452_35576_0750.N1	19-DEC-2008 11:45:20	Dark	54.000	106	9Bet Crv	2.6480	5600.0	108	35576	No
198	GOM_NL__2PRFIN20081219_114944_000000412074_00452_35576_0751.N1	19-DEC-2008 11:49:44	Dark	41.000	64	Gam Cen	2.2000	10600.	82	35576	No
199	GOM_NL__2PRFIN20081219_115128_000000432074_00453_35577_0741.N1	19-DEC-2008 11:51:28	Dark	42.500	26	Gam Cru	1.6240	2900.0	85	35577	No
200	GOM_NL__2PRFIN20081219_115526_000000462074_00453_35577_0742.N1	19-DEC-2008 11:55:26	Dark	46.000	113	Mu Vel	2.6920	5000.0	92	35577	No
201	GOM_NL__2PRFIN20081219_115731_000000392074_00453_35577_0743.N1	19-DEC-2008 11:57:31	Dark	39.000	159	Ups Car	2.9200	7200.0	78	35577	No
202	GOM_NL__2PRFIN20081219_115858_000000422074_00453_35577_0744.N1	19-DEC-2008 11:58:58	Dark	41.500	71	lot Car	2.2460	7700.0	83	35577	No
203	GOM_NL__2PRFIN20081219_120342_000000432074_00453_35577_0745.N1	19-DEC-2008 12:03:42	Dark	43.000	34	Gam2Vel	1.7930	23000.	86	35577	No
204	GOM_NL__2PRFIN20081219_120552_000000492074_00453_35577_0746.N1	19-DEC-2008 12:05:52	Dark	49.000	70	Zet Pup	2.2460	39000.	98	35577	No
205	GOM_NL__2PRFIN20081219_120825_000000482074_00453_35577_0747.N1	19-DEC-2008 12:08:25	Dark	48.000	117	Pi Pup	2.7060	3800.0	96	35577	No
206	GOM_NL__2PRFIN20081219_121133_000000522074_00453_35577_0748.N1	19-DEC-2008 12:11:33	Straylight	52.000	23	21Eps CMa	1.5020	26000.	104	35577	No
207	GOM_NL__2PRFIN20081219_121317_000000492074_00453_35577_0749.N1	19-DEC-2008 12:13:17	Straylight	49.000	179	24Omi2CMa	3.0320	24000.	98	35577	No
208	GOM_NL__2PRFIN20081219_121609_000000612074_00453_35577_0750.N1	19-DEC-2008 12:16:09	Straylight	60.500	1	9Alp CMa	-1.4400	11000.	121	35577	No
209	GOM_NL__2PRFIN20081219_121921_000000482074_00453_35577_0751.N1	19-DEC-2008 12:19:21	Straylight	47.500	7	19Bet Ori	0.10000	14000.	95	35577	No
210	GOM_NL__2PRFIN20081219_122129_000000442074_00453_35577_0752.N1	19-DEC-2008 12:21:29	Straylight	44.000	30	46Eps Ori	1.6940	30000.	88	35577	No
211	GOM_NL__2PRFIN20081219_122427_000000632074_00453_35577_0753.N1	19-DEC-2008 12:24:27	Twi_and_stray	63.000	14	58Alp Ori	0.87000	3000.0	126	35577	No
212	GOM_NL__2PRFIN20081219_122637_000000472074_00453_35577_0754.N1	19-DEC-2008 12:26:37	Twi_and_stray	47.000	13	87Alp Tau	0.86700	3800.0	94	35577	No
213	GOM_NL__2PRFIN20081219_122834_000000432074_00453_35577_0755.N1	19-DEC-2008 12:28:34	Bright	42.500	176	23Zet Tau	3.0200	22000.	85	35577	No
214	GOM_NL__2PRFIN20081219_123038_000000412074_00453_35577_0756.N1	19-DEC-2008 12:30:38	Bright	40.500	28	12Bet Tau	1.6500	15200.	81	35577	No
215	GOM_NL__2PRFIN20081219_123403_000000422074_00453_35577_0757.N1	19-DEC-2008 12:34:03	Bright	41.500	107	37The Aur	2.6490	11000.	83	35577	No
216	GOM_NL__2PRFIN20081219_123533_000000412074_00453_35577_0758.N1	19-DEC-2008 12:35:33	Bright	41.000	6	13Alp Aur	0.080000	3400.0	82	35577	No
217	GOM_NL__2PRFIN20081219_125151_000000352074_00453_35577_0759.N1	19-DEC-2008 12:51:51	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	35577	No
218	GOM_NL__2PRFIN20081219_125618_000000442074_00453_35577_0760.N1	19-DEC-2008 12:56:18	Bright	44.000	32	77Eps UMa	1.7630	11000.	88	35577	No
219	GOM_NL__2PRFIN20081219_125902_000000382074_00453_35577_0761.N1	19-DEC-2008 12:59:02	Bright	38.000	39	85Eta UMa	1.8540	24000.	76	35577	No

220	GOM_NL__2PRFIN20081219_130231_000000362074_00453_35577_0762.N1	19-DEC-2008 13:02:31	Bright	36.000	180	27Gam Boo	3.0400	8000.0	72	35577	No
221	GOM_NL__2PRFIN20081219_130549_000000372074_00453_35577_0763.N1	19-DEC-2008 13:05:49	Bright	37.000	83		2.3780	11000.	74	35577	No
222	GOM_NL__2PRFIN20081219_130917_000000442074_00453_35577_0764.N1	19-DEC-2008 13:09:17	Bright	44.000	111	8Eta Boo	2.6800	6000.0	88	35577	No
223	GOM_NL__2PRFIN20081219_131937_000000532074_00453_35577_0765.N1	19-DEC-2008 13:19:37	Tw_i_and_stray	53.000	15	67Alp Vir	0.97600	28000.	106	35577	No
224	GOM_NL__2PRFIN20081219_132308_000000492074_00453_35577_0766.N1	19-DEC-2008 13:23:08	Dark	48.500	169	46Gam Hya	2.9910	4700.0	97	35577	No
225	GOM_NL__2PRFIN20081219_132557_000000552074_00453_35577_0767.N1	19-DEC-2008 13:25:57	Dark	55.000	106	9Bet Crv	2.6480	5600.0	110	35577	No
226	GOM_NL__2PRFIN20081219_133020_000000412074_00453_35577_0768.N1	19-DEC-2008 13:30:20	Dark	40.500	64	Gam Cen	2.2000	10600.	81	35577	No
227	GOM_NL__2PRFIN20081219_133205_000000412074_00454_35578_0755.N1	19-DEC-2008 13:32:05	Dark	41.000	26	Gam Cru	1.6240	2900.0	82	35578	No
228	GOM_NL__2PRFIN20081219_133603_000000452074_00454_35578_0756.N1	19-DEC-2008 13:36:03	Dark	44.500	113	Mu Vel	2.6920	5000.0	89	35578	No
229	GOM_NL__2PRFIN20081219_133807_000000392074_00454_35578_0757.N1	19-DEC-2008 13:38:07	Dark	38.500	159	Ups Car	2.9200	7200.0	77	35578	No
230	GOM_NL__2PRFIN20081219_133934_000000402074_00454_35578_0758.N1	19-DEC-2008 13:39:34	Dark	40.000	71	lot Car	2.2460	7700.0	80	35578	No
231	GOM_NL__2PRFIN20081219_134418_000000452074_00454_35578_0759.N1	19-DEC-2008 13:44:18	Dark	44.500	34	Gam2Vel	1.7930	23000.	89	35578	No
232	GOM_NL__2PRFIN20081219_134628_000000492074_00454_35578_0760.N1	19-DEC-2008 13:46:28	Dark	49.000	70	Zet Pup	2.2460	39000.	98	35578	No
233	GOM_NL__2PRFIN20081219_134901_000000522074_00454_35578_0761.N1	19-DEC-2008 13:49:01	Dark	52.000	117	Pi Pup	2.7060	3800.0	104	35578	No
234	GOM_NL__2PRFIN20081219_135209_000000512074_00454_35578_0762.N1	19-DEC-2008 13:52:09	Straylight	50.500	23	21Eps CMa	1.5020	26000.	101	35578	No
235	GOM_NL__2PRFIN20081219_135353_000000482074_00454_35578_0763.N1	19-DEC-2008 13:53:53	Straylight	48.000	179	24Omi2CMa	3.0320	24000.	96	35578	No
236	GOM_NL__2PRFIN20081219_135645_000000572074_00454_35578_0764.N1	19-DEC-2008 13:56:45	Straylight	56.500	1	9Alp CMa	-1.4400	11000.	113	35578	No
237	GOM_NL__2PRFIN20081219_135957_000000512074_00454_35578_0765.N1	19-DEC-2008 13:59:57	Straylight	50.500	7	19Bet Ori	0.10000	14000.	101	35578	No
238	GOM_NL__2PRFIN20081219_140205_000000462074_00454_35578_0766.N1	19-DEC-2008 14:02:05	Straylight	45.500	30	46Eps Ori	1.6940	30000.	91	35578	No
239	GOM_NL__2PRFIN20081219_140503_000000632074_00454_35578_0767.N1	19-DEC-2008 14:05:03	Tw_i_and_stray	63.000	14	58Alp Ori	0.87000	3000.0	126	35578	No
240	GOM_NL__2PRFIN20081219_140713_000000502074_00454_35578_0768.N1	19-DEC-2008 14:07:13	Tw_i_and_stray	49.500	13	87Alp Tau	0.86700	3800.0	99	35578	No
241	GOM_NL__2PRFIN20081219_140910_000000422074_00454_35578_0769.N1	19-DEC-2008 14:09:10	Bright	42.000	176	23Zet Tau	3.0200	22000.	84	35578	No
242	GOM_NL__2PRFIN20081219_141114_000000422074_00454_35578_0770.N1	19-DEC-2008 14:11:14	Bright	42.000	28	12Bet Tau	1.6500	15200.	84	35578	No
243	GOM_NL__2PRFIN20081219_141438_000000422074_00454_35578_0771.N1	19-DEC-2008 14:14:38	Bright	41.500	107	37The Aur	2.6490	11000.	83	35578	No
244	GOM_NL__2PRFIN20081219_141608_000000422074_00454_35578_0772.N1	19-DEC-2008 14:16:08	Bright	42.000	6	13Alp Aur	0.080000	3400.0	84	35578	No
245	GOM_NL__2PRFIN20081219_143227_000000382074_00454_35578_0773.N1	19-DEC-2008 14:32:27	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	35578	No
246	GOM_NL__2PRFIN20081219_143654_000000442074_00454_35578_0774.N1	19-DEC-2008 14:36:54	Bright	43.500	32	77Eps UMa	1.7630	11000.	87	35578	No
247	GOM_NL__2PRFIN20081219_143938_000000422074_00454_35578_0775.N1	19-DEC-2008 14:39:38	Bright	41.500	39	85Eta UMa	1.8540	24000.	83	35578	No
248	GOM_NL__2PRFIN20081219_144307_000000402074_00454_35578_0776.N1	19-DEC-2008 14:43:07	Bright	39.500	180	27Gam Boo	3.0400	8000.0	79	35578	No
249	GOM_NL__2PRFIN20081219_144625_000000402074_00454_35578_0777.N1	19-DEC-2008 14:46:25	Bright	39.500	83		2.3780	11000.	79	35578	No
250	GOM_NL__2PRFIN20081219_144953_000000572074_00454_35578_0778.N1	19-DEC-2008 14:49:53	Bright	57.000	111	8Eta Boo	2.6800	6000.0	114	35578	No
251	GOM_NL__2PRFIN20081219_150014_000000552074_00454_35578_0779.N1	19-DEC-2008 15:00:14	Tw_i_and_stray	55.000	15	67Alp Vir	0.97600	28000.	110	35578	No
252	GOM_NL__2PRFIN20081219_150345_000000462074_00454_35578_0780.N1	19-DEC-2008 15:03:45	Dark	45.500	169	46Gam Hya	2.9910	4700.0	91	35578	No
253	GOM_NL__2PRFIN20081219_150634_000000542074_00454_35578_0781.N1	19-DEC-2008 15:06:34	Dark	53.500	106	9Bet Crv	2.6480	5600.0	107	35578	No
254	GOM_NL__2PRFIN20081219_151057_000000402074_00454_35578_0782.N1	19-DEC-2008 15:10:57	Dark	40.000	64	Gam Cen	2.2000	10600.	80	35578	No
255	GOM_NL__2PRFIN20081219_165313_000000372074_00456_35580_0784.N1	19-DEC-2008 16:53:13	Dark	37.000	20	Bet Cru	1.2530	30000.	74	35580	No
256	GOM_NL__2PRFIN20081219_165716_000000462074_00456_35580_0785.N1	19-DEC-2008 16:57:16	Dark	45.500	113	Mu Vel	2.6920	5000.0	91	35580	No
257	GOM_NL__2PRFIN20081219_165920_000000392074_00456_35580_0786.N1	19-DEC-2008 16:59:20	Dark	39.000	159	Ups Car	2.9200	7200.0	78	35580	No
258	GOM_NL__2PRFIN20081219_170048_000000412074_00456_35580_0787.N1	19-DEC-2008 17:00:48	Dark	41.000	71	lot Car	2.2460	7700.0	82	35580	No
259	GOM_NL__2PRFIN20081219_170531_000000452074_00456_35580_0788.N1	19-DEC-2008 17:05:31	Dark	45.000	34	Gam2Vel	1.7930	23000.	90	35580	No
260	GOM_NL__2PRFIN20081219_170722_000000422074_00456_35580_0789.N1	19-DEC-2008 17:07:22	Dark	42.000	2	Alp Car	-0.73600	7000.0	84	35580	No
261	GOM_NL__2PRFIN20081219_171322_000000492074_00456_35580_0790.N1	19-DEC-2008 17:13:22	Straylight	49.000	23	21Eps CMa	1.5020	26000.	98	35580	No
262	GOM_NL__2PRFIN20081219_171742_000000482074_00456_35580_0791.N1	19-DEC-2008 17:17:42	Straylight	48.000	47	2Bet CMa	1.9760	28000.	96	35580	No
263	GOM_NL__2PRFIN20081219_172109_000000492074_00456_35580_0792.N1	19-DEC-2008 17:21:09	Straylight	48.500	7	19Bet Ori	0.10000	14000.	97	35580	No
264	GOM_NL__2PRFIN20081219_172317_000000452074_00456_35580_0793.N1	19-DEC-2008 17:23:17	Straylight	45.000	30	46Eps Ori	1.6940	30000.	90	35580	No
265	GOM_NL__2PRFIN20081219_172614_000000552074_00456_35580_0794.N1	19-DEC-2008 17:26:14	Tw_i_and_stray	54.500	14	58Alp Ori	0.87000	3000.0	109	35580	No
266	GOM_NL__2PRFIN20081219_172825_000000462074_00456_35580_0795.N1	19-DEC-2008 17:28:25	Tw_i_and_stray	46.000	13	87Alp Tau	0.86700	3800.0	92	35580	No
267	GOM_NL__2PRFIN20081219_173021_000000422074_00456_35580_0796.N1	19-DEC-2008 17:30:21	Bright	42.000	176	23Zet Tau	3.0200	22000.	84	35580	No
268	GOM_NL__2PRFIN20081219_173225_000000402074_00456_35580_0797.N1	19-DEC-2008 17:32:25	Bright	39.500	28	12Bet Tau	1.6500	15200.	79	35580	No
269	GOM_NL__2PRFIN20081219_173506_000000332074_00456_35580_0798.N1	19-DEC-2008 17:35:06	Bright	33.000	149	45Eps Per	2.8880	30000.	66	35580	No
270	GOM_NL__2PRFIN20081219_173720_000000422074_00456_35580_0799.N1	19-DEC-2008 17:37:20	Bright	42.000	6	13Alp Aur	0.080000	3400.0	84	35580	No
271	GOM_NL__2PRFIN20081219_174859_000000372074_00456_35580_0800.N1	19-DEC-2008 17:48:59	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	35580	No
272	GOM_NL__2PRFIN20081219_175339_000000382074_00456_35580_0801.N1	19-DEC-2008 17:53:39	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	35580	No
273	GOM_NL__2PRFIN20081219_175805_000000442074_00456_35580_0802.N1	19-DEC-2008 17:58:05	Bright	44.000	32	77Eps UMa	1.7630	11000.	88	35580	No
274	GOM_NL__2PRFIN20081219_180050_000000422074_00456_35580_0803.N1	19-DEC-2008 18:00:50	Bright	42.000	39	85Eta UMa	1.8540	24000.	84	35580	No
275	GOM_NL__2PRFIN20081219_180419_000000412074_00456_35580_0804.N1	19-DEC-2008 18:04:19	Bright	40.500	180	27Gam Boo	3.0400	8000.0	81	35580	No
276	GOM_NL__2PRFIN20081219_180737_000000372074_00456_35580_0805.N1	19-DEC-2008 18:07:37	Bright	36.500	83		2.3780	11000.	73	35580	No
277	GOM_NL__2PRFIN20081219_181106_000000442074_00456_35580_0806.N1	19-DEC-2008 18:11:06	Bright	44.000	111	8Eta Boo	2.6800	6000.0	88	35580	No
278	GOM_NL__2PRFIN20081219_181948_000000532074_00456_35580_0807.N1	19-DEC-2008 18:19:48	Bright	53.000	122	9Alp2Lib	2.7470	9700.0	106	35580	No

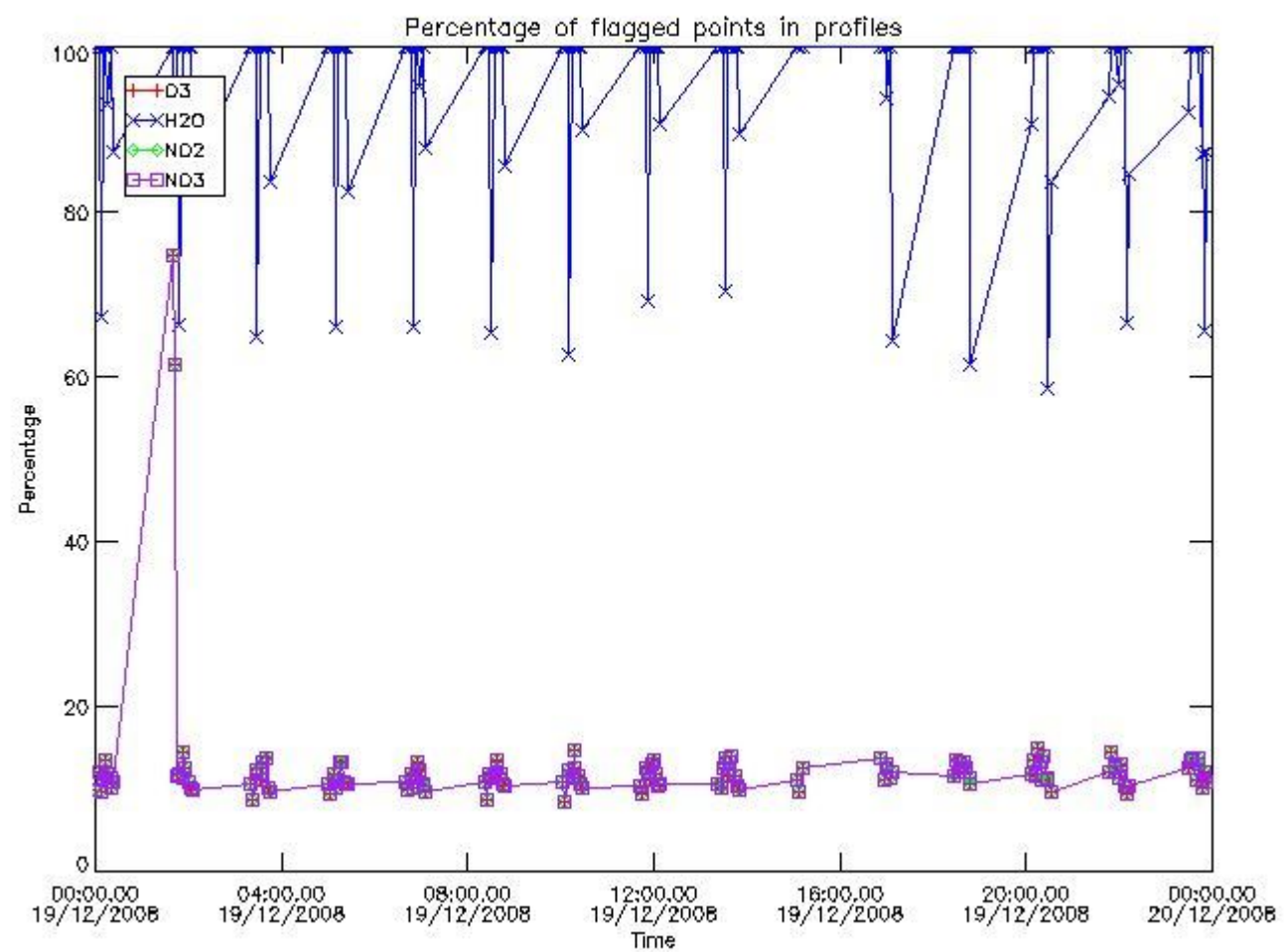
279	GOM_NL__2PRFIN20081219_182128_000000542074_00456_35580_0808.N1	19-DEC-2008 18:21:28	Twilight	53.500	15	67Alp Vir	0.97600	28000.	107	35580	No
280	GOM_NL__2PRFIN20081219_182619_000000452074_00456_35580_0809.N1	19-DEC-2008 18:26:19	Dark	44.500	54	5The Cen	2.0550	4500.0	89	35580	No
281	GOM_NL__2PRFIN20081219_182917_000000382074_00456_35580_0810.N1	19-DEC-2008 18:29:17	Dark	38.000	95	Zet Cen	2.5450	26000.	76	35580	No
282	GOM_NL__2PRFIN20081219_183210_000000432074_00456_35580_0811.N1	19-DEC-2008 18:32:10	Dark	42.500	64	Gam Cen	2.2000	10600.	85	35580	No
283	GOM_NL__2PRFIN20081219_183350_000000392074_00457_35581_0799.N1	19-DEC-2008 18:33:50	Dark	38.500	20	Bet Cru	1.2530	30000.	77	35581	No
284	GOM_NL__2PRFIN20081219_183753_000000452074_00457_35581_0800.N1	19-DEC-2008 18:37:53	Dark	45.000	113	Mu Vel	2.6920	5000.0	90	35581	No
285	GOM_NL__2PRFIN20081219_183957_000000392074_00457_35581_0801.N1	19-DEC-2008 18:39:57	Dark	38.500	159	Ups Car	2.9200	7200.0	77	35581	No
286	GOM_NL__2PRFIN20081219_184124_000000412074_00457_35581_0802.N1	19-DEC-2008 18:41:24	Dark	41.000	71	Iot Car	2.2460	7700.0	82	35581	No
287	GOM_NL__2PRFIN20081219_184608_000000502074_00457_35581_0803.N1	19-DEC-2008 18:46:08	Dark	49.500	34	Gam2Vel	1.7930	23000.	99	35581	No
288	GOM_NL__2PRFIN20081219_184758_000000492074_00457_35581_0804.N1	19-DEC-2008 18:47:58	Dark	48.500	2	Alp Car	-0.73600	7000.0	97	35581	No
289	GOM_NL__2PRFIN20081219_185358_000000522074_00457_35581_0805.N1	19-DEC-2008 18:53:58	Straylight	52.000	23	21Eps CMa	1.5020	26000.	104	35581	No
290	GOM_NL__2PRFIN20081219_185818_000000482074_00457_35581_0806.N1	19-DEC-2008 18:58:18	Straylight	48.000	47	2Bet CMa	1.9760	28000.	96	35581	No
291	GOM_NL__2PRFIN20081219_190145_000000482074_00457_35581_0807.N1	19-DEC-2008 19:01:45	Straylight	48.000	7	19Bet Ori	0.10000	14000.	96	35581	No
292	GOM_NL__2PRFIN20081219_190353_000000462074_00457_35581_0808.N1	19-DEC-2008 19:03:53	Straylight	46.000	30	46Eps Ori	1.6940	30000.	92	35581	No
293	GOM_NL__2PRFIN20081219_190650_000000632074_00457_35581_0809.N1	19-DEC-2008 19:06:50	Twilight	63.000	14	58Alp Ori	0.87000	3000.0	126	35581	No
294	GOM_NL__2PRFIN20081219_190901_000000462074_00457_35581_0810.N1	19-DEC-2008 19:09:01	Twilight	46.000	13	87Alp Tau	0.86700	3800.0	92	35581	No
295	GOM_NL__2PRFIN20081219_191057_000000422074_00457_35581_0811.N1	19-DEC-2008 19:10:57	Bright	41.500	176	23Zet Tau	3.0200	22000.	83	35581	No
296	GOM_NL__2PRFIN20081219_191301_000000402074_00457_35581_0812.N1	19-DEC-2008 19:13:01	Bright	40.000	28	12Bet Tau	1.6500	15200.	80	35581	No
297	GOM_NL__2PRFIN20081219_191552_000000252074_00457_35581_0813.N1	19-DEC-2008 19:15:52	Dark	24.500	149	45Eps Per	2.8880	30000.	49	35581	Yes
298	GOM_NL__2PRFIN20081219_191755_000000422074_00457_35581_0814.N1	19-DEC-2008 19:17:55	Bright	42.000	6	13Alp Aur	0.080000	3400.0	84	35581	No
299	GOM_NL__2PRFIN20081219_192935_000000362074_00457_35581_0815.N1	19-DEC-2008 19:29:35	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	35581	No
300	GOM_NL__2PRFIN20081219_193415_000000352074_00457_35581_0816.N1	19-DEC-2008 19:34:15	Bright	34.500	60	7Bet UMi	2.0810	3950.0	69	35581	No
301	GOM_NL__2PRFIN20081219_193841_000000632074_00457_35581_0817.N1	19-DEC-2008 19:38:41	Bright	63.000	32	77Eps UMa	1.7630	11000.	126	35581	No
302	GOM_NL__2PRFIN20081219_194125_000000392074_00457_35581_0818.N1	19-DEC-2008 19:41:25	Bright	38.500	39	85Eta UMa	1.8540	24000.	77	35581	No
303	GOM_NL__2PRFIN20081219_194455_000000382074_00457_35581_0819.N1	19-DEC-2008 19:44:55	Bright	37.500	180	27Gam Boo	3.0400	8000.0	75	35581	No
304	GOM_NL__2PRFIN20081219_194813_000000382074_00457_35581_0820.N1	19-DEC-2008 19:48:13	Bright	37.500	83		2.3780	11000.	75	35581	No
305	GOM_NL__2PRFIN20081219_195142_000000432074_00457_35581_0821.N1	19-DEC-2008 19:51:42	Bright	43.000	111	8Eta Boo	2.6800	6000.0	86	35581	No
306	GOM_NL__2PRFIN20081219_200025_000000532074_00457_35581_0822.N1	19-DEC-2008 20:00:25	Bright	53.000	122	9Alp2Lib	2.7470	9700.0	106	35581	No
307	GOM_NL__2PRFIN20081219_200205_000000542074_00457_35581_0823.N1	19-DEC-2008 20:02:05	Twilight	53.500	15	67Alp Vir	0.97600	28000.	107	35581	No
308	GOM_NL__2PRFIN20081219_200655_000000442074_00457_35581_0824.N1	19-DEC-2008 20:06:55	Dark	43.500	54	5The Cen	2.0550	4500.0	87	35581	No
309	GOM_NL__2PRFIN20081219_200954_000000382074_00457_35581_0825.N1	19-DEC-2008 20:09:54	Dark	38.000	95	Zet Cen	2.5450	26000.	76	35581	No
310	GOM_NL__2PRFIN20081219_201247_000000442074_00457_35581_0826.N1	19-DEC-2008 20:12:47	Dark	44.000	64	Gam Cen	2.2000	10600.	88	35581	No
311	GOM_NL__2PRFIN20081219_201426_000000412074_00458_35582_0814.N1	19-DEC-2008 20:14:26	Dark	41.000	20	Bet Cru	1.2530	30000.	82	35582	No
312	GOM_NL__2PRFIN20081219_201830_000000462074_00458_35582_0815.N1	19-DEC-2008 20:18:30	Dark	46.000	113	Mu Vel	2.6920	5000.0	92	35582	No
313	GOM_NL__2PRFIN20081219_202033_000000392074_00458_35582_0816.N1	19-DEC-2008 20:20:33	Dark	38.500	159	Ups Car	2.9200	7200.0	77	35582	No
314	GOM_NL__2PRFIN20081219_202201_000000402074_00458_35582_0817.N1	19-DEC-2008 20:22:01	Dark	40.000	71	Iot Car	2.2460	7700.0	80	35582	No
315	GOM_NL__2PRFIN20081219_202645_000000462074_00458_35582_0818.N1	19-DEC-2008 20:26:45	Dark	46.000	34	Gam2Vel	1.7930	23000.	92	35582	No
316	GOM_NL__2PRFIN20081219_202834_000000452074_00458_35582_0819.N1	19-DEC-2008 20:28:34	Dark	44.500	2	Alp Car	-0.73600	7000.0	89	35582	No
317	GOM_NL__2PRFIN20081219_203127_000000532074_00458_35582_0820.N1	19-DEC-2008 20:31:27	Dark	52.500	117	Pi Pup	2.7060	3800.0	105	35582	No
318	GOM_NL__2PRFIN20081219_203435_000000512074_00458_35582_0821.N1	19-DEC-2008 20:34:35	Straylight	50.500	23	21Eps CMa	1.5020	26000.	101	35582	No
319	GOM_NL__2PRFIN20081219_203854_000000492074_00458_35582_0822.N1	19-DEC-2008 20:38:54	Straylight	48.500	47	2Bet CMa	1.9760	28000.	97	35582	No
320	GOM_NL__2PRFIN20081219_204221_000000472074_00458_35582_0823.N1	19-DEC-2008 20:42:21	Straylight	47.000	7	19Bet Ori	0.10000	14000.	94	35582	No
321	GOM_NL__2PRFIN20081219_204429_000000452074_00458_35582_0824.N1	19-DEC-2008 20:44:29	Straylight	45.000	30	46Eps Ori	1.6940	30000.	90	35582	No
322	GOM_NL__2PRFIN20081219_204726_000000632074_00458_35582_0825.N1	19-DEC-2008 20:47:26	Twilight	63.000	14	58Alp Ori	0.87000	3000.0	126	35582	No
323	GOM_NL__2PRFIN20081219_204937_000000472074_00458_35582_0826.N1	19-DEC-2008 20:49:37	Twilight	46.500	13	87Alp Tau	0.86700	3800.0	93	35582	No
324	GOM_NL__2PRFIN20081219_205132_000000432074_00458_35582_0827.N1	19-DEC-2008 20:51:32	Bright	42.500	176	23Zet Tau	3.0200	22000.	85	35582	No
325	GOM_NL__2PRFIN20081219_205336_000000412074_00458_35582_0828.N1	19-DEC-2008 20:53:36	Bright	41.000	28	12Bet Tau	1.6500	15200.	82	35582	No
326	GOM_NL__2PRFIN20081219_205700_000000422074_00458_35582_0829.N1	19-DEC-2008 20:57:00	Bright	42.000	107	37The Aur	2.6490	11000.	84	35582	No
327	GOM_NL__2PRFIN20081219_205831_000000402074_00458_35582_0830.N1	19-DEC-2008 20:58:31	Bright	39.500	6	13Alp Aur	0.080000	3400.0	79	35582	No
328	GOM_NL__2PRFIN20081219_211010_000000362074_00458_35582_0831.N1	19-DEC-2008 21:10:10	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	35582	No
329	GOM_NL__2PRFIN20081219_211451_000000342074_00458_35582_0832.N1	19-DEC-2008 21:14:51	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	35582	No
330	GOM_NL__2PRFIN20081219_211916_000000452074_00458_35582_0833.N1	19-DEC-2008 21:19:16	Bright	45.000	32	77Eps UMa	1.7630	11000.	90	35582	No
331	GOM_NL__2PRFIN20081219_212201_000000402074_00458_35582_0834.N1	19-DEC-2008 21:22:01	Bright	40.000	39	85Eta UMa	1.8540	24000.	80	35582	No
332	GOM_NL__2PRFIN20081219_212531_000000382074_00458_35582_0835.N1	19-DEC-2008 21:25:31	Bright	38.000	180	27Gam Boo	3.0400	8000.0	76	35582	No
333	GOM_NL__2PRFIN20081219_212849_000000372074_00458_35582_0836.N1	19-DEC-2008 21:28:49	Bright	36.500	83		2.3780	11000.	73	35582	No
334	GOM_NL__2PRFIN20081219_213218_000000422074_00458_35582_0837.N1	19-DEC-2008 21:32:18	Bright	42.000	111	8Eta Boo	2.6800	6000.0	84	35582	No
335	GOM_NL__2PRFIN20081219_214101_000000382074_00458_35582_0838.N1	19-DEC-2008 21:41:01	Bright	37.500	122	9Alp2Lib	2.7470	9700.0	75	35582	No
336	GOM_NL__2PRFIN20081219_214241_000000522074_00458_35582_0839.N1	19-DEC-2008 21:42:41	Twilight	52.000	15	67Alp Vir	0.97600	28000.	104	35582	No
337	GOM_NL__2PRFIN20081219_214732_000000432074_00458_35582_0840.N1	19-DEC-2008 21:47:32	Dark	42.500	54	5The Cen	2.0550	4500.0	85	35582	No

338	GOM_NL__2PRFIN20081219_215030_000000392074_00458_35582_0841.N1	19-DEC-2008 21:50:30	Dark	38.500	95	Zet Cen	2.5450	26000.	77	35582	No
339	GOM_NL__2PRFIN20081219_215324_000000412074_00458_35582_0842.N1	19-DEC-2008 21:53:24	Dark	40.500	64	Gam Cen	2.2000	10600.	81	35582	No
340	GOM_NL__2PRFIN20081219_215502_000000402074_00459_35583_0831.N1	19-DEC-2008 21:55:02	Dark	40.000	20	Bet Cru	1.2530	30000.	80	35583	No
341	GOM_NL__2PRFIN20081219_215907_000000452074_00459_35583_0832.N1	19-DEC-2008 21:59:07	Dark	45.000	113	Mu Vel	2.6920	5000.0	90	35583	No
342	GOM_NL__2PRFIN20081219_220110_000000392074_00459_35583_0833.N1	19-DEC-2008 22:01:10	Dark	39.000	159	Ups Car	2.9200	7200.0	78	35583	No
343	GOM_NL__2PRFIN20081219_220237_000000422074_00459_35583_0834.N1	19-DEC-2008 22:02:37	Dark	42.000	71	Iot Car	2.2460	7700.0	84	35583	No
344	GOM_NL__2PRFIN20081219_220721_000000502074_00459_35583_0835.N1	19-DEC-2008 22:07:21	Dark	49.500	34	Gam2Vel	1.7930	23000.	99	35583	No
345	GOM_NL__2PRFIN20081219_220911_000000542074_00459_35583_0836.N1	19-DEC-2008 22:09:11	Dark	54.000	2	Alp Car	-0.73600	7000.0	108	35583	No
346	GOM_NL__2PRFIN20081219_221204_000000492074_00459_35583_0837.N1	19-DEC-2008 22:12:04	Dark	49.000	117	Pi Pup	2.7060	3800.0	98	35583	No
347	GOM_NL__2PRFIN20081219_221511_000000482074_00459_35583_0838.N1	19-DEC-2008 22:15:11	Straylight	48.000	23	21Eps CMa	1.5020	26000.	96	35583	No
348	GOM_NL__2PRFIN20081219_221930_000000472074_00459_35583_0839.N1	19-DEC-2008 22:19:30	Straylight	46.500	47	2Bet CMa	1.9760	28000.	93	35583	No
349	GOM_NL__2PRFIN20081219_222257_000000452074_00459_35583_0840.N1	19-DEC-2008 22:22:57	Straylight	45.000	7	19Bet Ori	0.10000	14000.	90	35583	No
350	GOM_NL__2PRFIN20081219_222505_000000452074_00459_35583_0841.N1	19-DEC-2008 22:25:05	Straylight	45.000	30	46Eps Ori	1.6940	30000.	90	35583	No
351	GOM_NL__2PRFIN20081219_222801_000000592074_00459_35583_0842.N1	19-DEC-2008 22:28:01	Twi_and_stray	59.000	14	58Alp Ori	0.87000	3000.0	118	35583	No
352	GOM_NL__2PRFIN20081219_223012_000000462074_00459_35583_0843.N1	19-DEC-2008 22:30:12	Twi_and_stray	46.000	13	87Alp Tau	0.86700	3800.0	92	35583	No
353	GOM_NL__2PRFIN20081219_223208_000000422074_00459_35583_0844.N1	19-DEC-2008 22:32:08	Bright	42.000	176	23Zet Tau	3.0200	22000.	84	35583	No
354	GOM_NL__2PRFIN20081219_223412_000000402074_00459_35583_0845.N1	19-DEC-2008 22:34:12	Bright	40.000	28	12Bet Tau	1.6500	15200.	80	35583	No
355	GOM_NL__2PRFIN20081219_223735_000000422074_00459_35583_0846.N1	19-DEC-2008 22:37:35	Bright	41.500	107	37The Aur	2.6490	11000.	83	35583	No
356	GOM_NL__2PRFIN20081219_223907_000000412074_00459_35583_0847.N1	19-DEC-2008 22:39:07	Bright	41.000	6	13Alp Aur	0.080000	3400.0	82	35583	No
357	GOM_NL__2PRFIN20081219_225046_000000362074_00459_35583_0848.N1	19-DEC-2008 22:50:46	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	35583	No
358	GOM_NL__2PRFIN20081219_225527_000000372074_00459_35583_0849.N1	19-DEC-2008 22:55:27	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	35583	No
359	GOM_NL__2PRFIN20081219_225952_000000442074_00459_35583_0850.N1	19-DEC-2008 22:59:52	Bright	43.500	32	77Eps UMa	1.7630	11000.	87	35583	No
360	GOM_NL__2PRFIN20081219_230237_000000592074_00459_35583_0851.N1	19-DEC-2008 23:02:37	Bright	59.000	39	85Eta UMa	1.8540	24000.	118	35583	No
361	GOM_NL__2PRFIN20081219_230607_000000452074_00459_35583_0852.N1	19-DEC-2008 23:06:07	Bright	44.500	180	27Gam Boo	3.0400	8000.0	89	35583	No
362	GOM_NL__2PRFIN20081219_230925_000000382074_00459_35583_0853.N1	19-DEC-2008 23:09:25	Bright	37.500	83		2.3780	11000.	75	35583	No
363	GOM_NL__2PRFIN20081219_231254_000000632074_00459_35583_0854.N1	19-DEC-2008 23:12:54	Bright	63.000	111	8Eta Boo	2.6800	6000.0	126	35583	No
364	GOM_NL__2PRFIN20081219_232137_000000372074_00459_35583_0855.N1	19-DEC-2008 23:21:37	Bright	37.000	122	9Alp2Lib	2.7470	9700.0	74	35583	No
365	GOM_NL__2PRFIN20081219_232318_000000562074_00459_35583_0856.N1	19-DEC-2008 23:23:18	Twi_and_stray	56.000	15	67Alp Vir	0.97600	28000.	112	35583	No
366	GOM_NL__2PRFIN20081219_232808_000000452074_00459_35583_0857.N1	19-DEC-2008 23:28:08	Dark	45.000	54	5The Cen	2.0550	4500.0	90	35583	No
367	GOM_NL__2PRFIN20081219_233106_000000382074_00459_35583_0858.N1	19-DEC-2008 23:31:06	Dark	38.000	95	Zet Cen	2.5450	26000.	76	35583	No
368	GOM_NL__2PRFIN20081219_233400_000000412074_00459_35583_0859.N1	19-DEC-2008 23:34:00	Dark	40.500	64	Gam Cen	2.2000	10600.	81	35583	No
369	GOM_NL__2PRFIN20081219_233539_000000382074_00460_35584_0846.N1	19-DEC-2008 23:35:39	Dark	38.000	20	Bet Cru	1.2530	30000.	76	35584	No
370	GOM_NL__2PRFIN20081219_233944_000000462074_00460_35584_0847.N1	19-DEC-2008 23:39:44	Dark	45.500	113	Mu Vel	2.6920	5000.0	91	35584	No
371	GOM_NL__2PRFIN20081219_234146_000000392074_00460_35584_0848.N1	19-DEC-2008 23:41:46	Dark	39.000	159	Ups Car	2.9200	7200.0	78	35584	No
372	GOM_NL__2PRFIN20081219_234314_000000412074_00460_35584_0849.N1	19-DEC-2008 23:43:14	Dark	41.000	71	Iot Car	2.2460	7700.0	82	35584	No
373	GOM_NL__2PRFIN20081219_234605_000000502074_00460_35584_0850.N1	19-DEC-2008 23:46:05	Dark	50.000	65	Lam Vel	2.2040	4400.0	100	35584	No
374	GOM_NL__2PRFIN20081219_234758_000000462074_00460_35584_0851.N1	19-DEC-2008 23:47:58	Dark	45.500	34	Gam2Vel	1.7930	23000.	91	35584	No
375	GOM_NL__2PRFIN20081219_234947_000000432074_00460_35584_0852.N1	19-DEC-2008 23:49:47	Dark	42.500	2	Alp Car	-0.73600	7000.0	85	35584	No
376	GOM_NL__2PRFIN20081219_235240_000000482074_00460_35584_0853.N1	19-DEC-2008 23:52:40	Dark	47.500	117	Pi Pup	2.7060	3800.0	95	35584	No
377	GOM_NL__2PRFIN20081219_235547_000000512074_00460_35584_0854.N1	19-DEC-2008 23:55:47	Straylight	50.500	23	21Eps CMa	1.5020	26000.	101	35584	No

3. Quality information per product

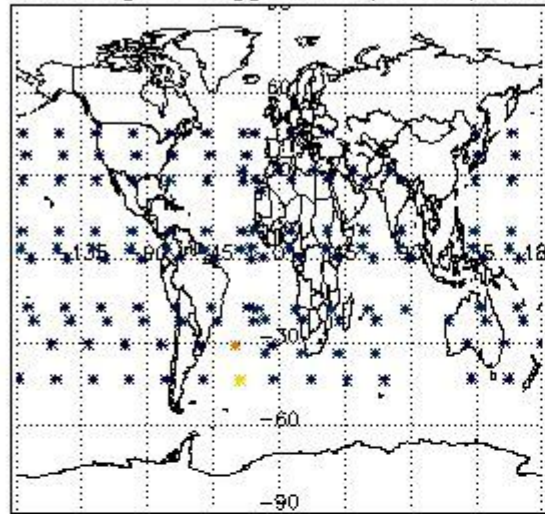
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

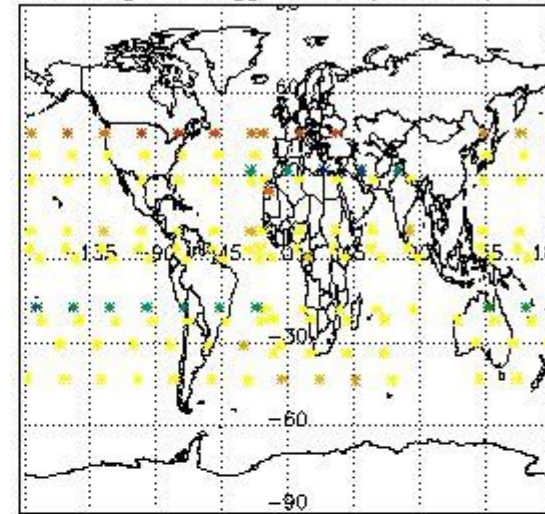


3.2 Plot quality information per product (world map)

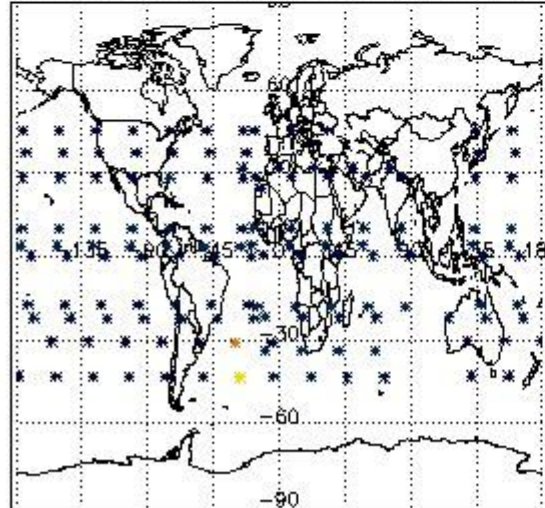
Percentage of flagged data per O3 profile



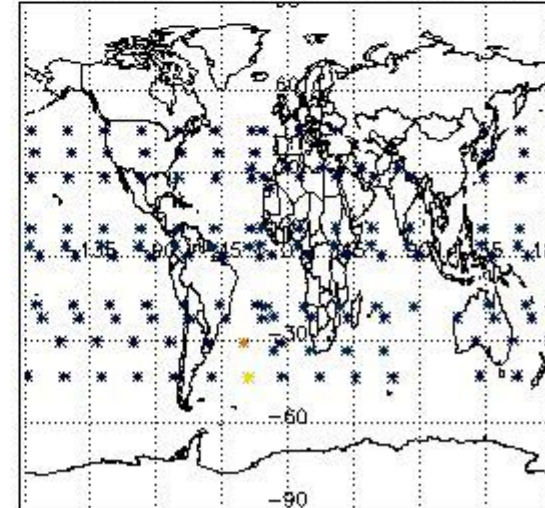
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

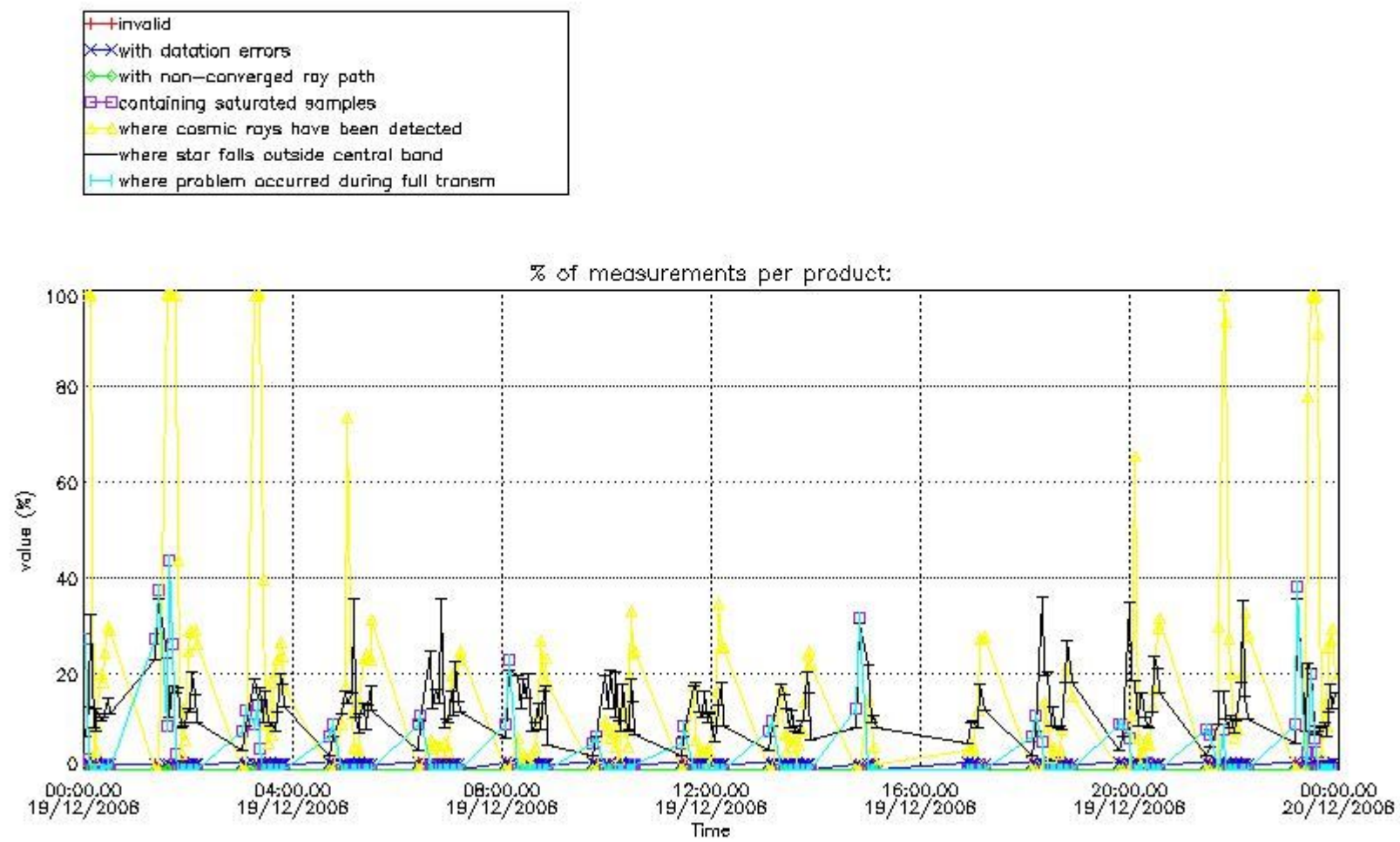


4. Level 1 quality information per product

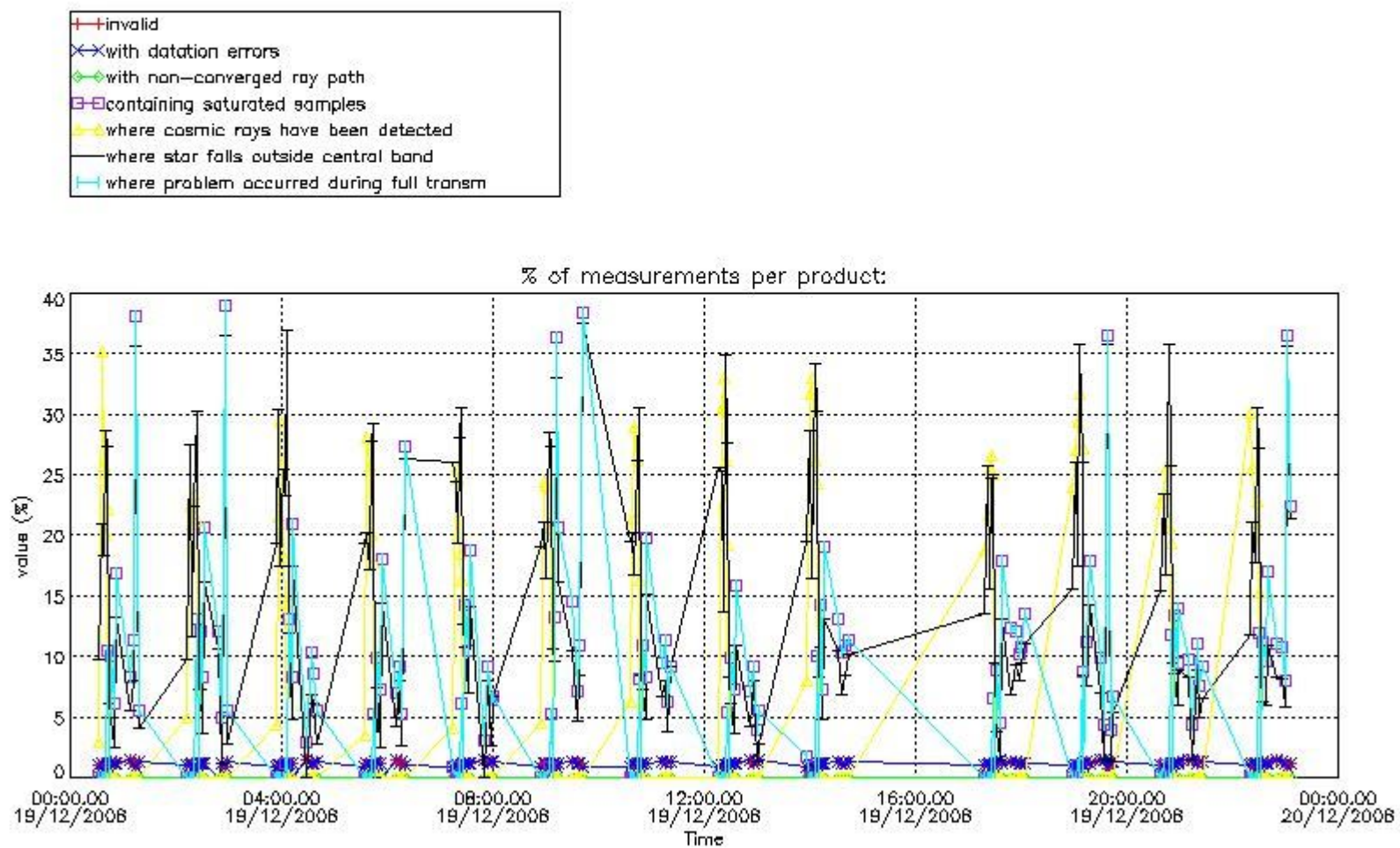
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

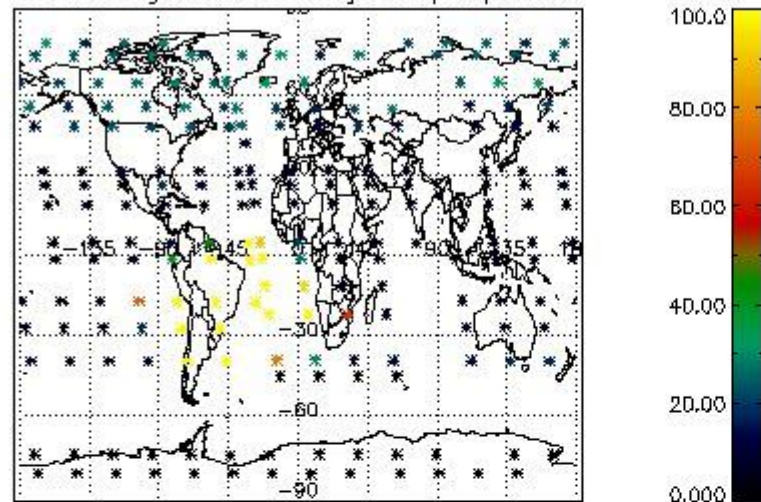


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

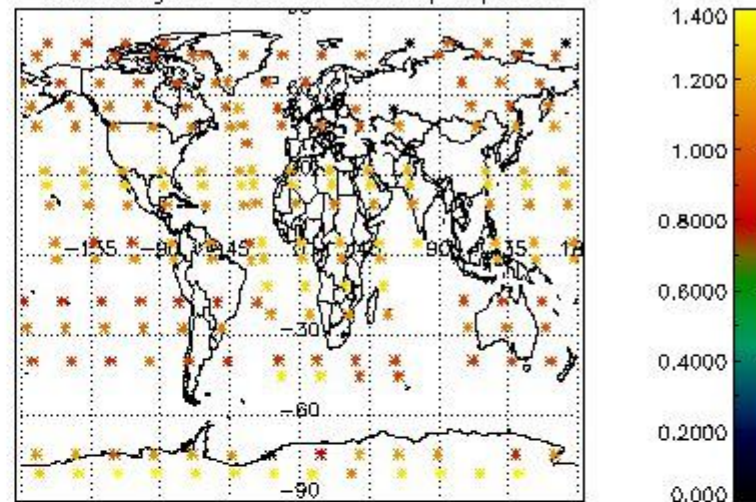


4.2 Plot quality information per product coming from level 1b processing (world map)
4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes

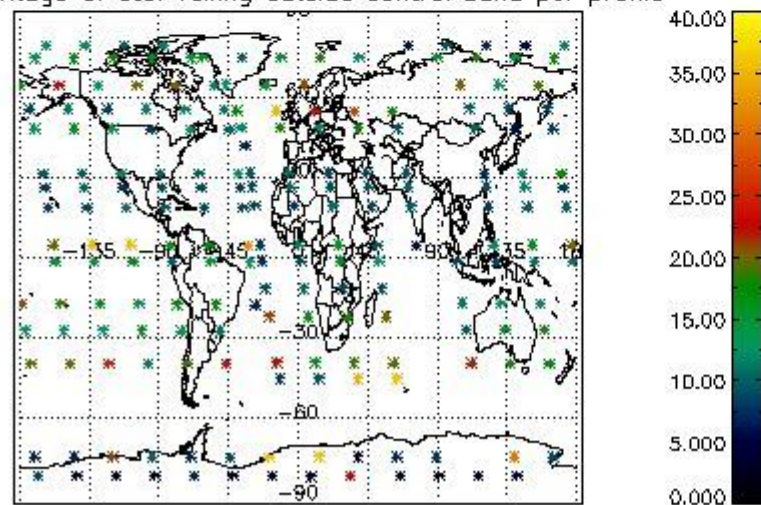
Percentage of cosmic ray hits per profile



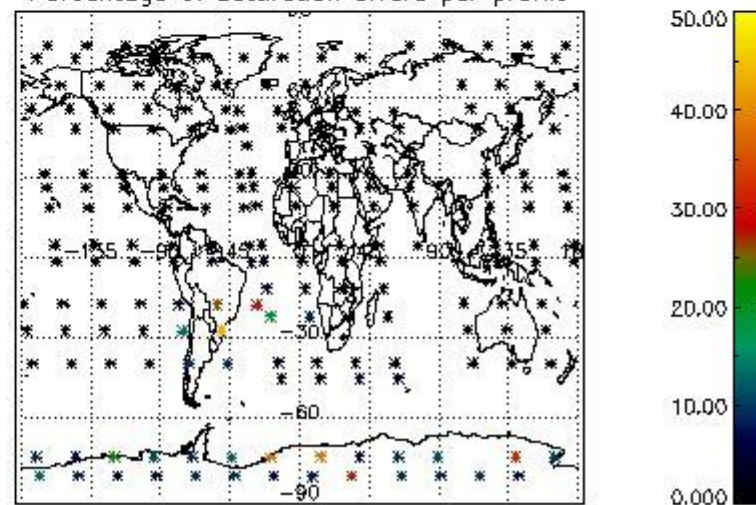
Percentage of datation errors per profile



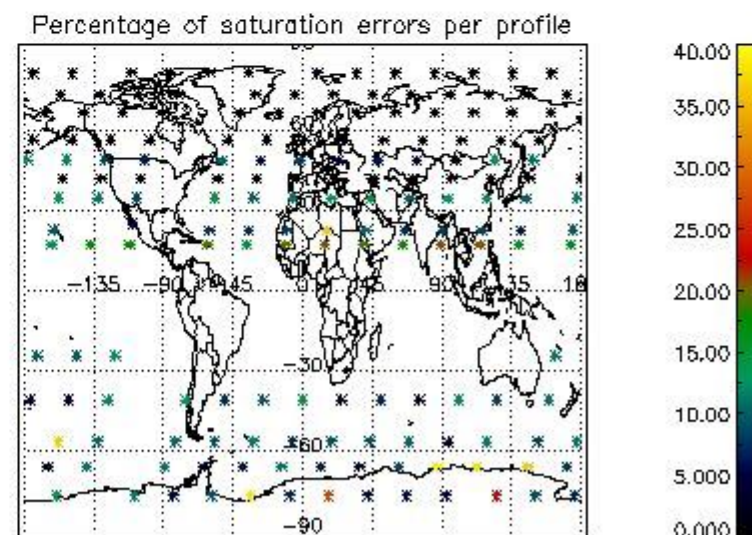
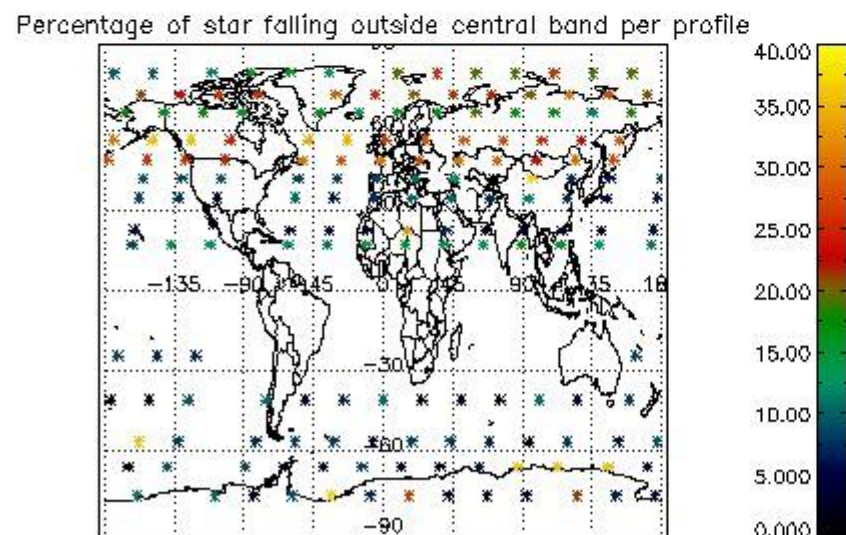
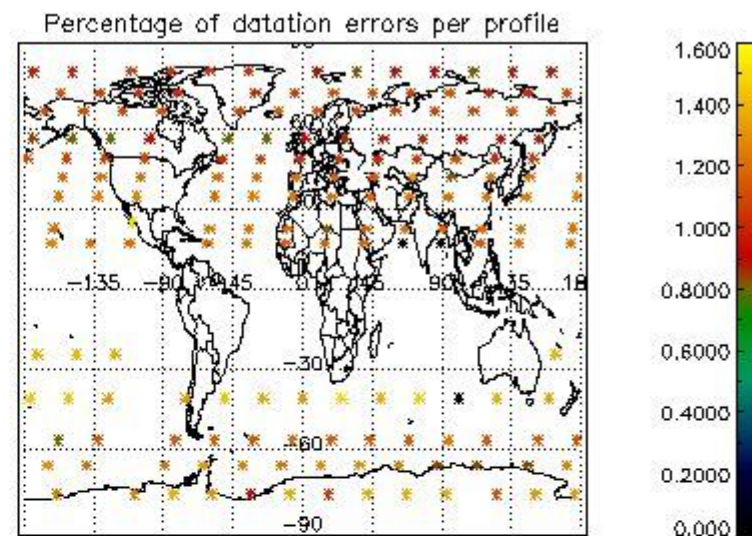
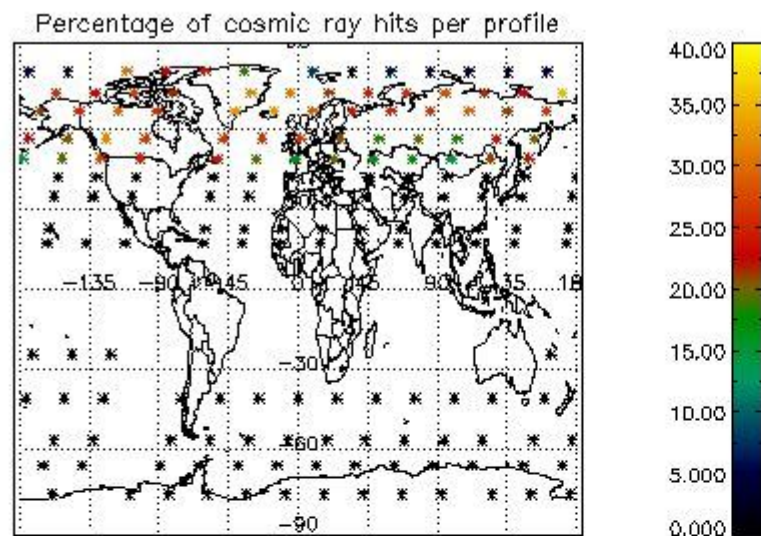
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



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

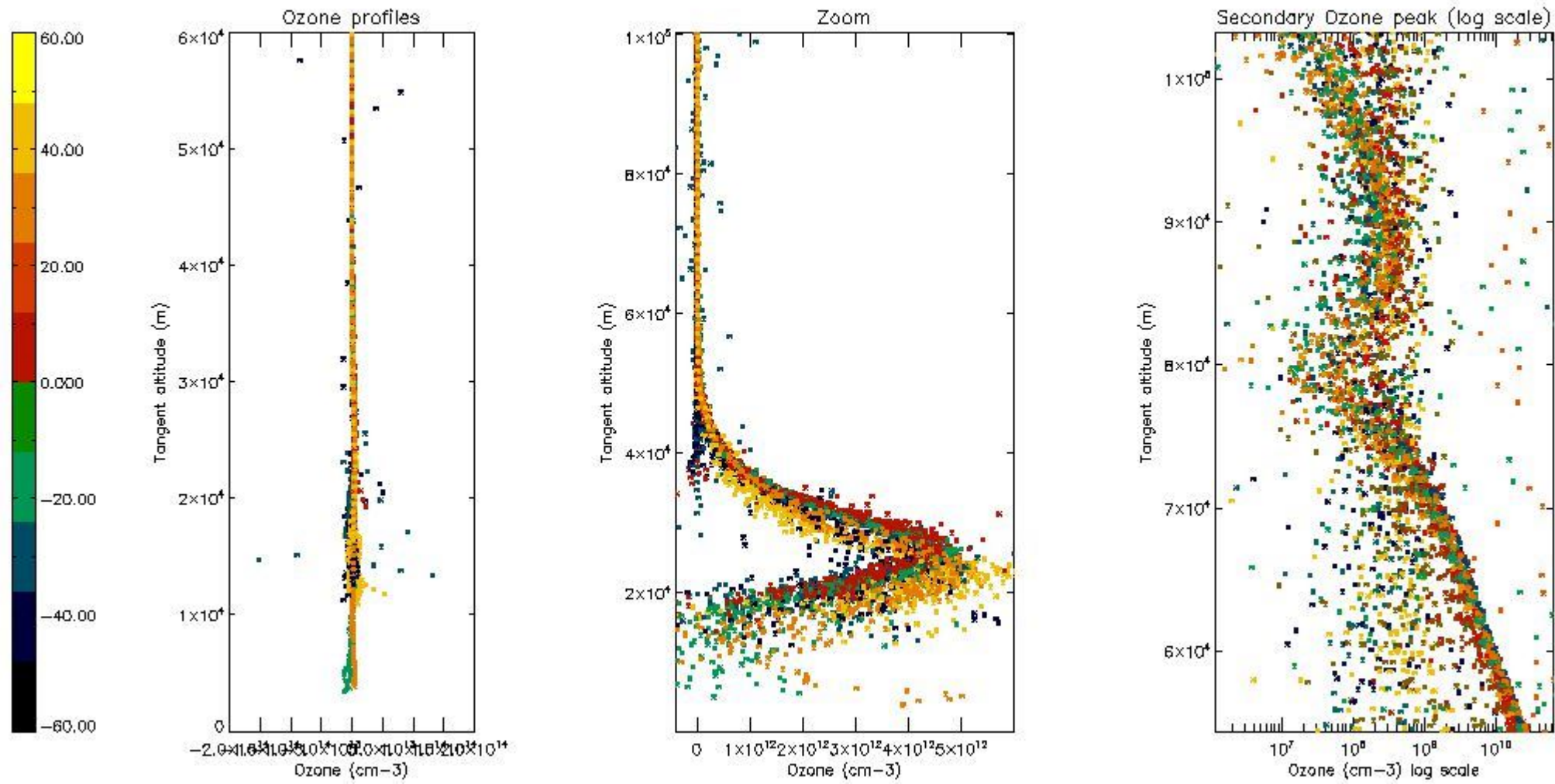
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	37
STD < 20	16

STD < 10	11
STD < 5	6

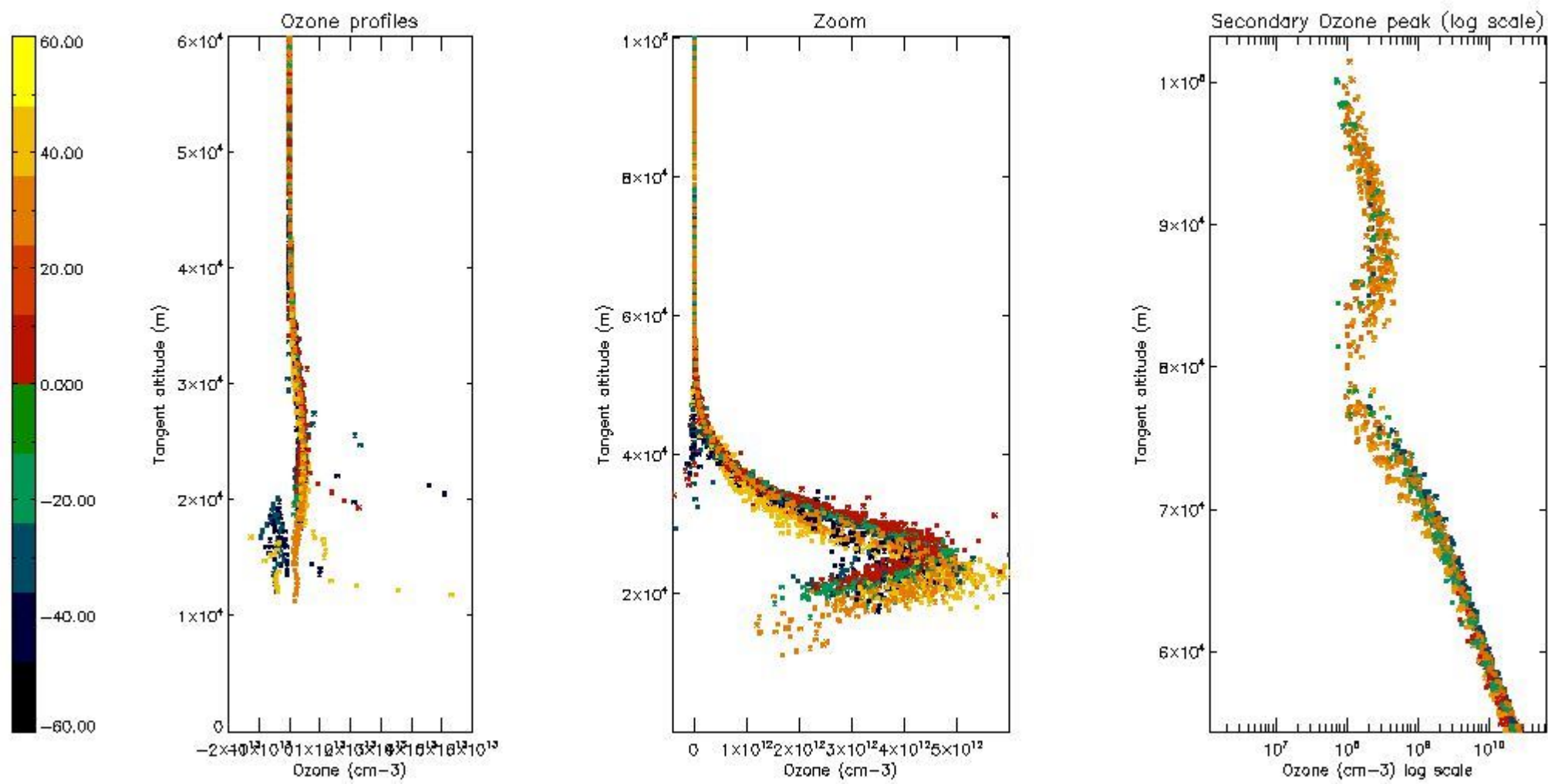
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



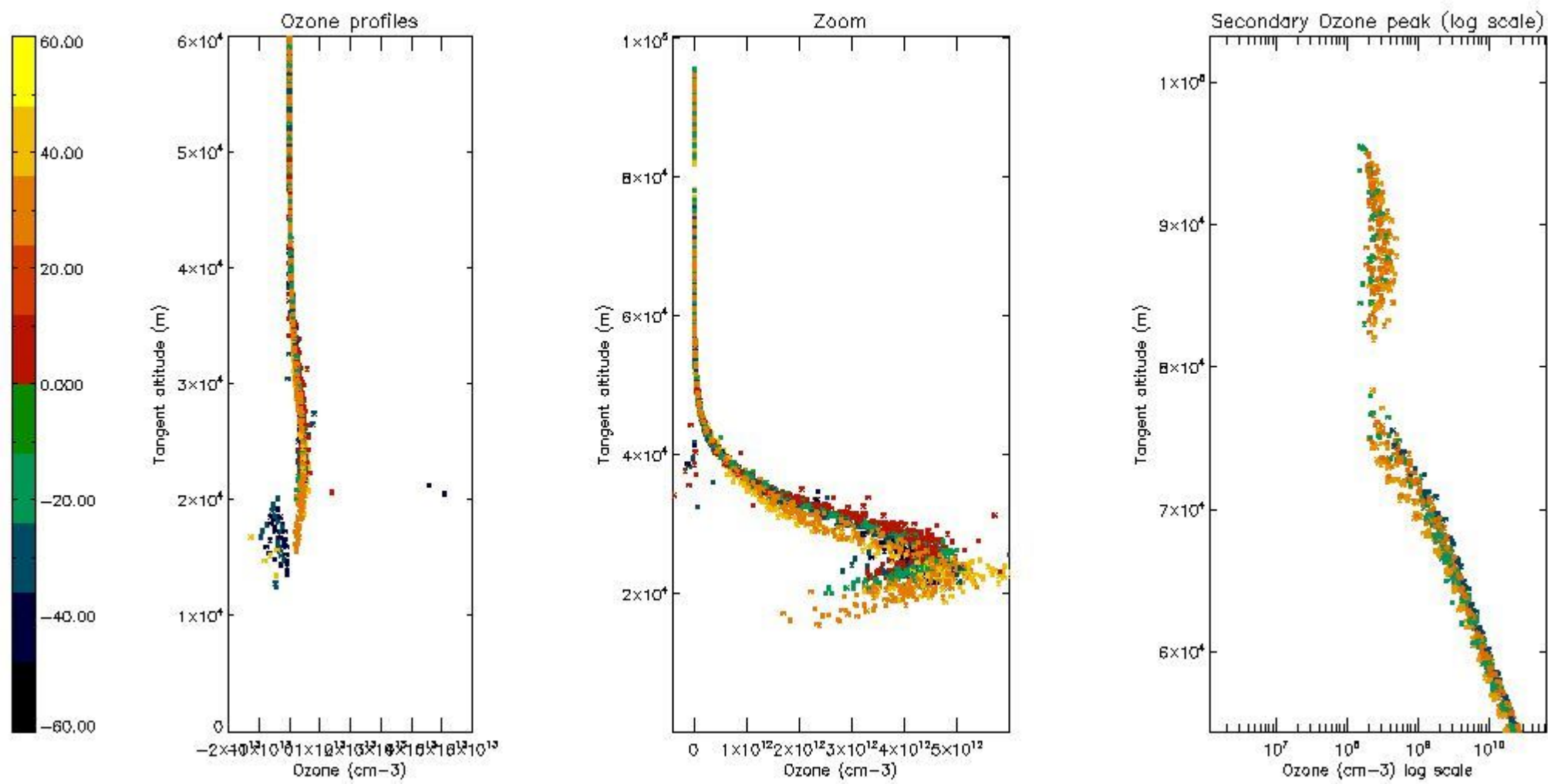
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



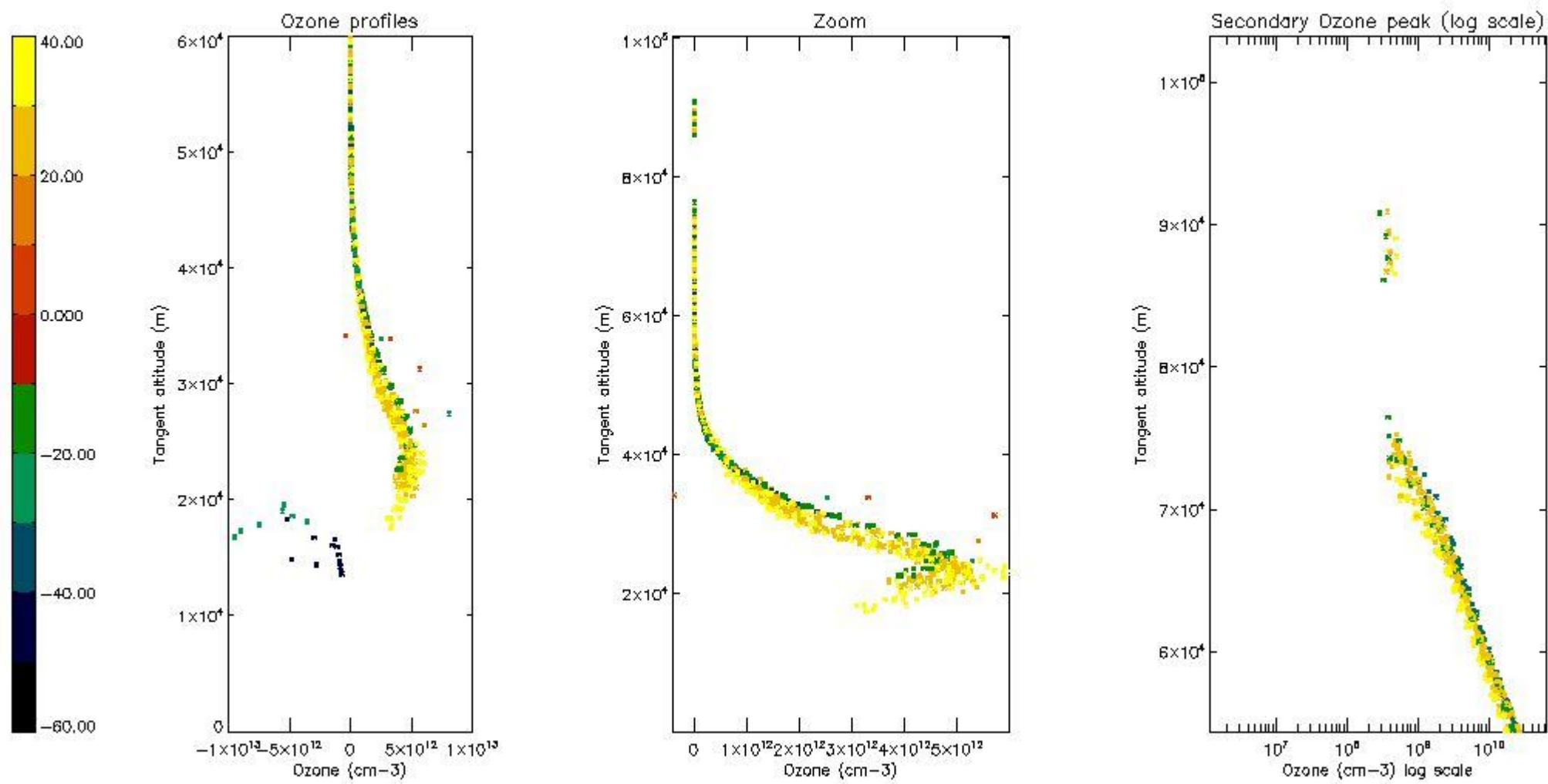
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



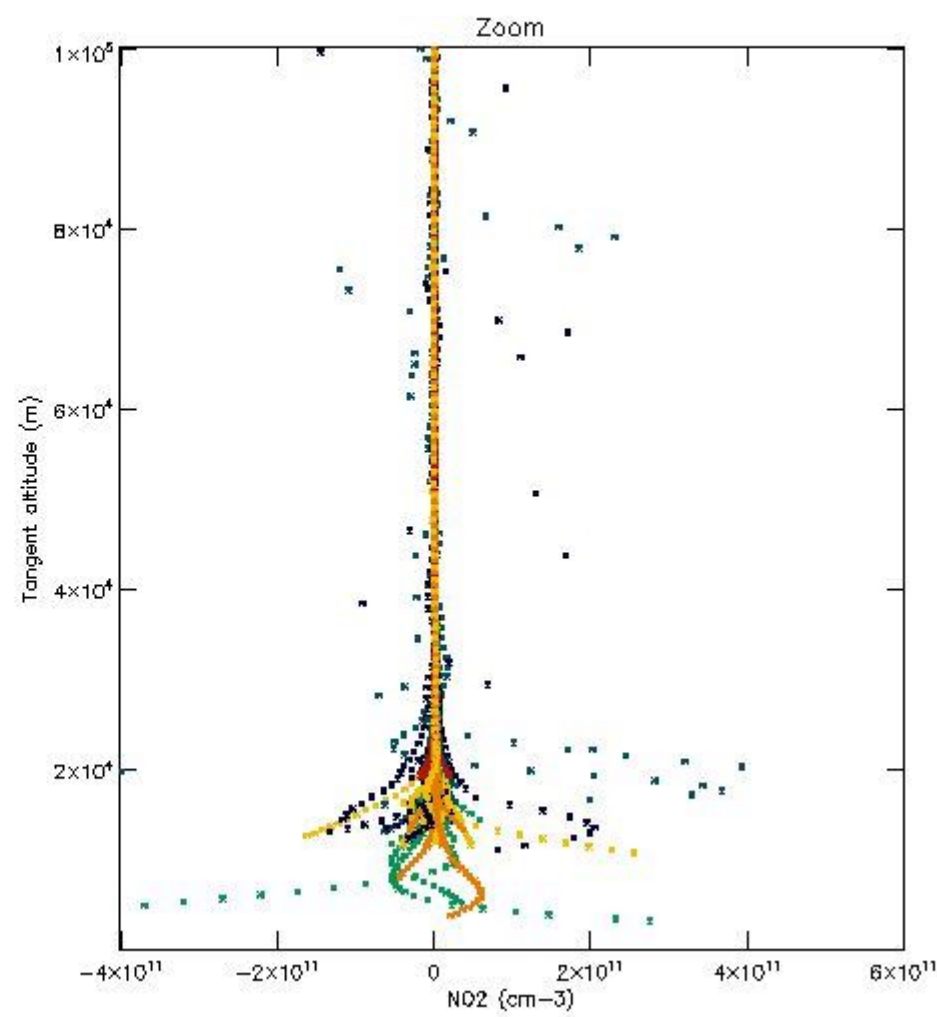
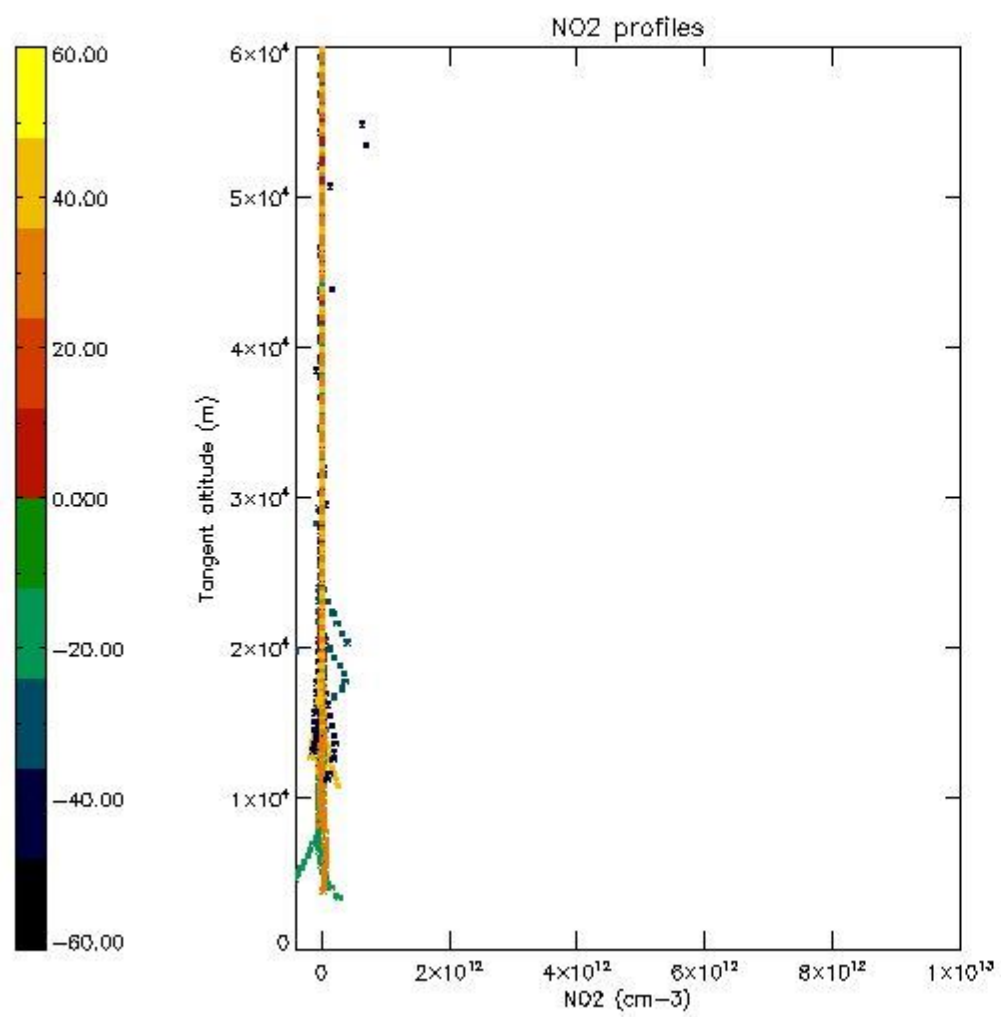
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



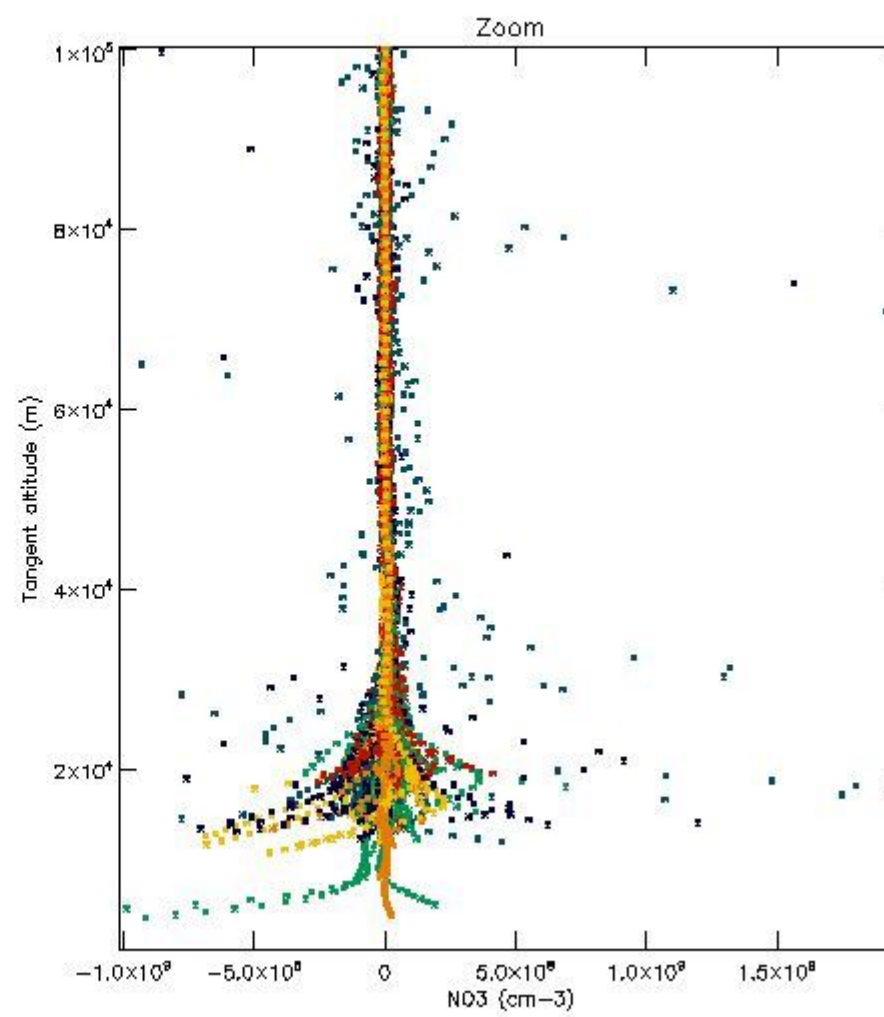
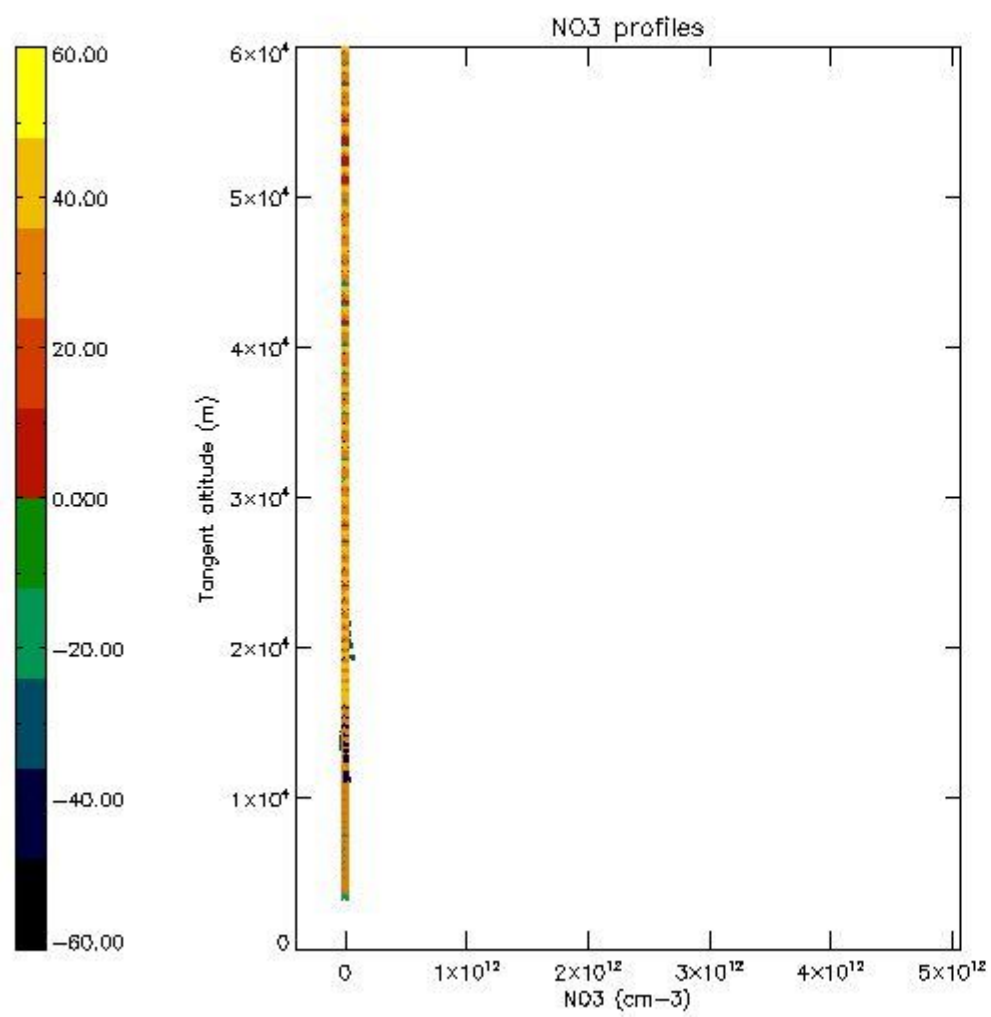
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



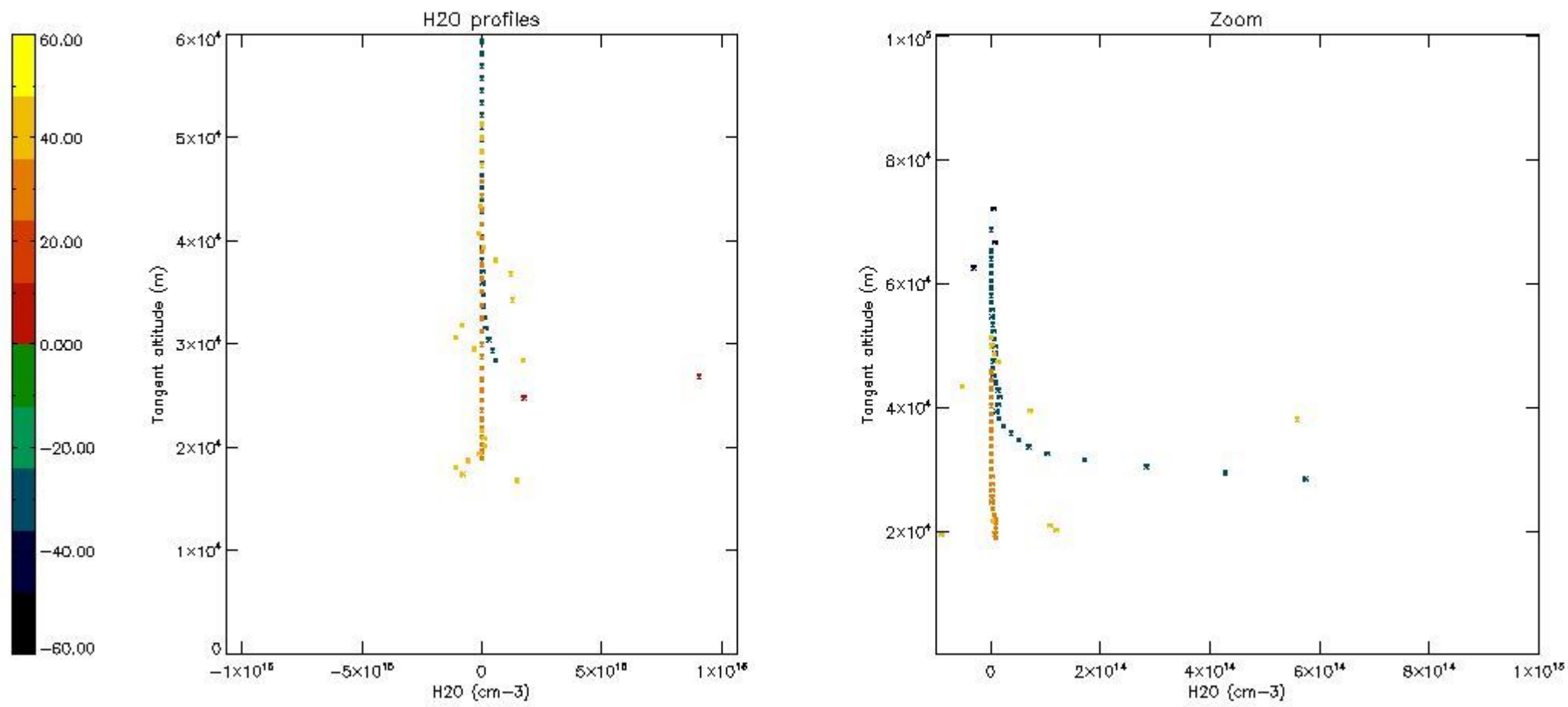
5.7 Plot NO3 profiles for all STD (dark without errors)

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)

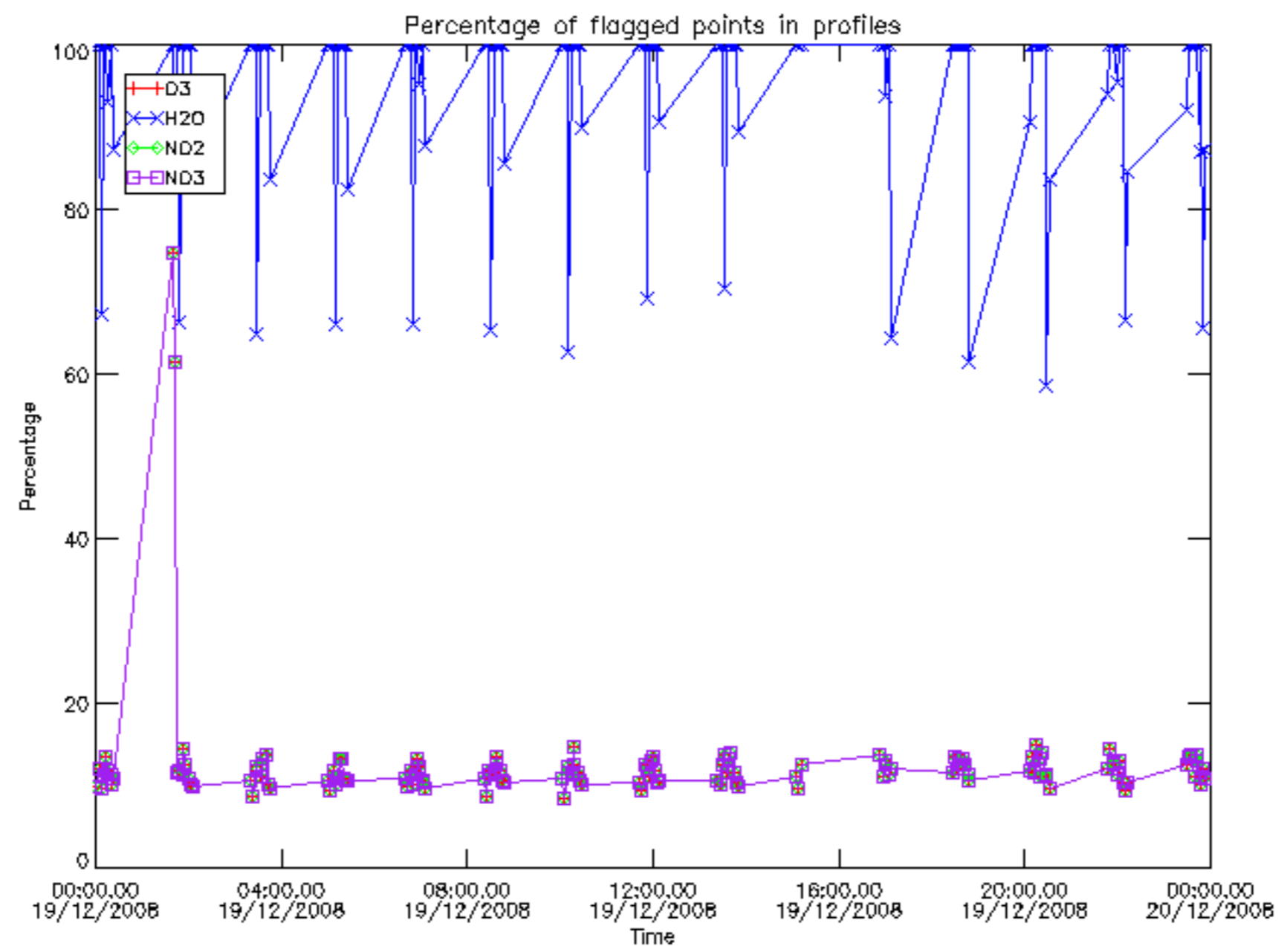
The colorbar represents the latitude.



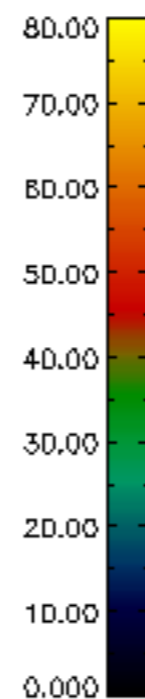
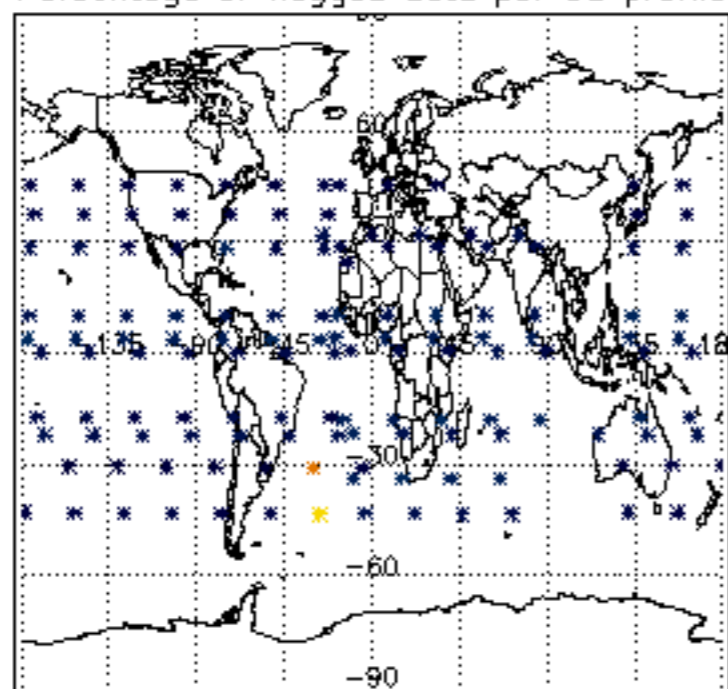
6. Auxiliary Data Files used for the production reported in section 2

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.

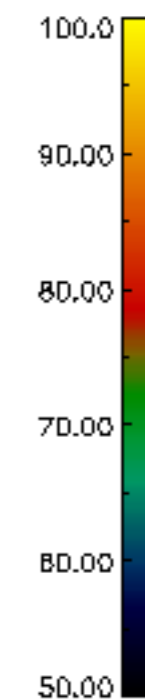
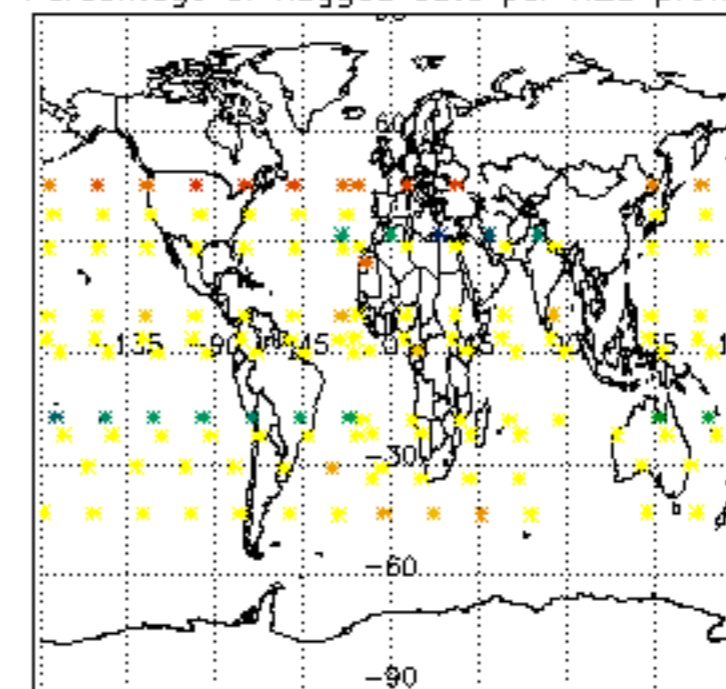
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	19-DEC-2008 00:01:00
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	19-DEC-2008 00:01:00
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	19-DEC-2008 00:01:00



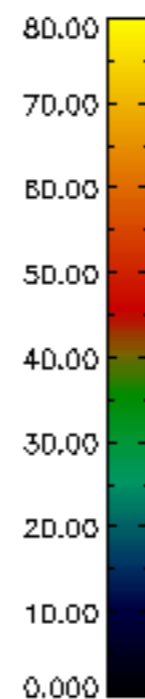
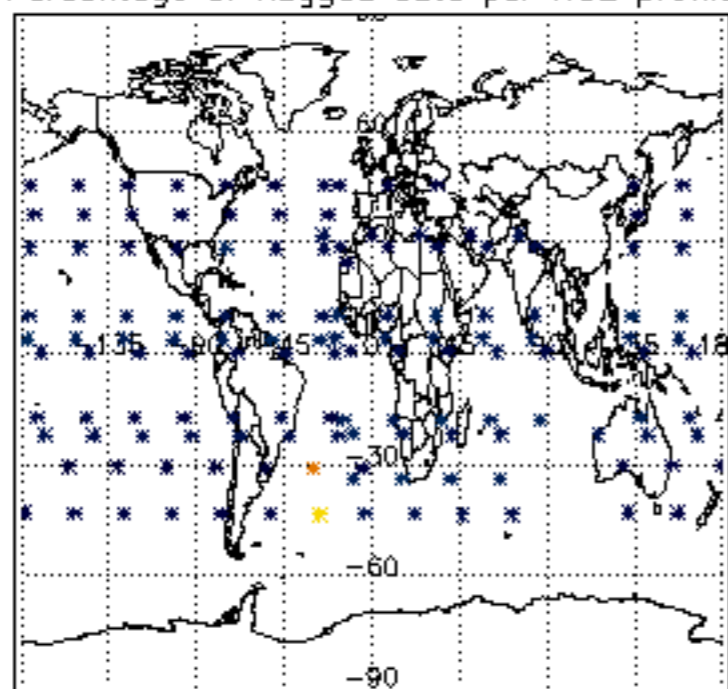
Percentage of flagged data per D3 profile



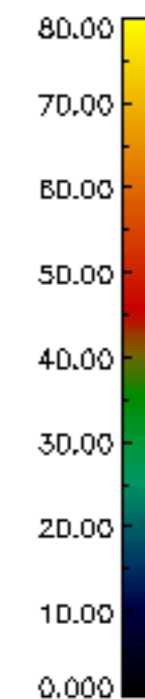
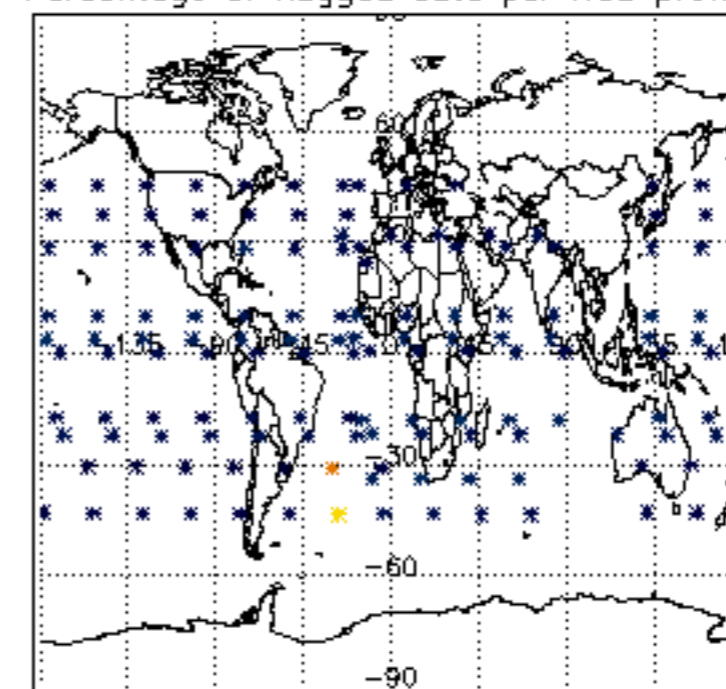
Percentage of flagged data per H2O profile

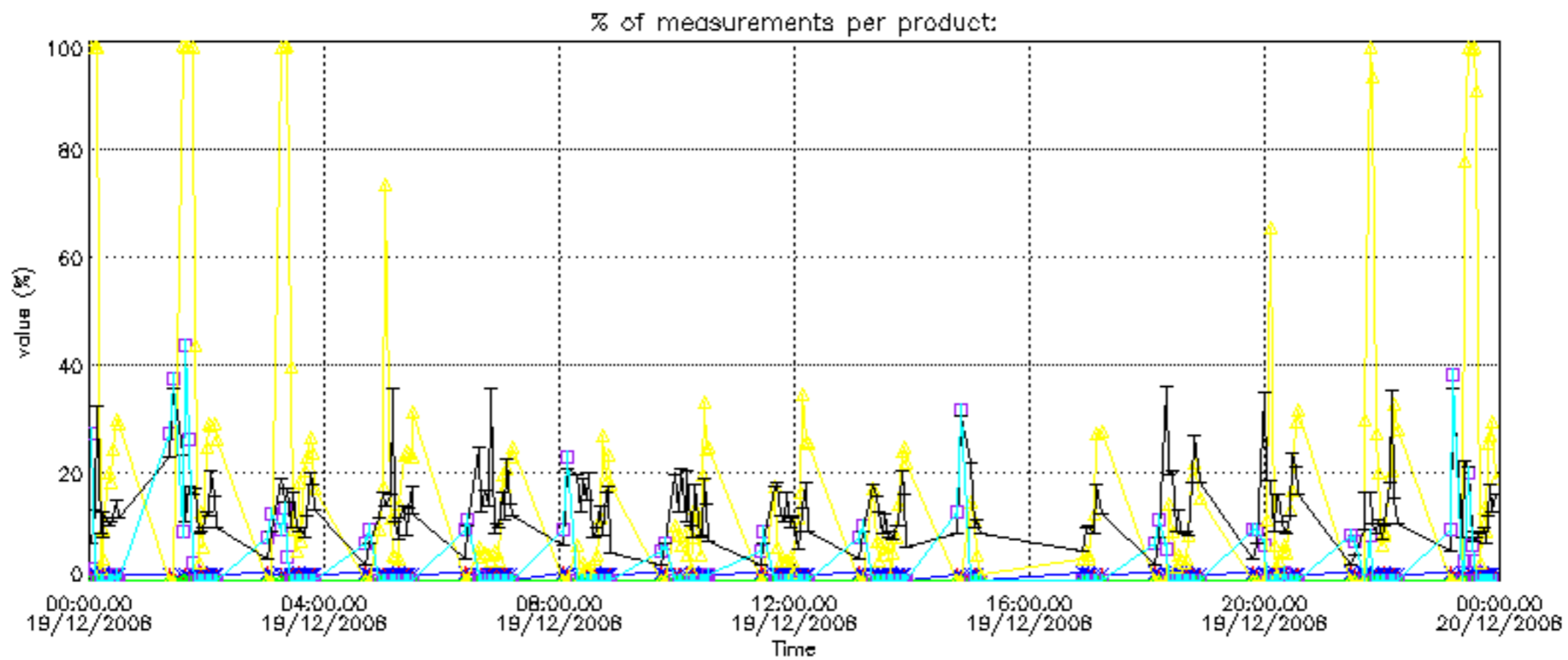


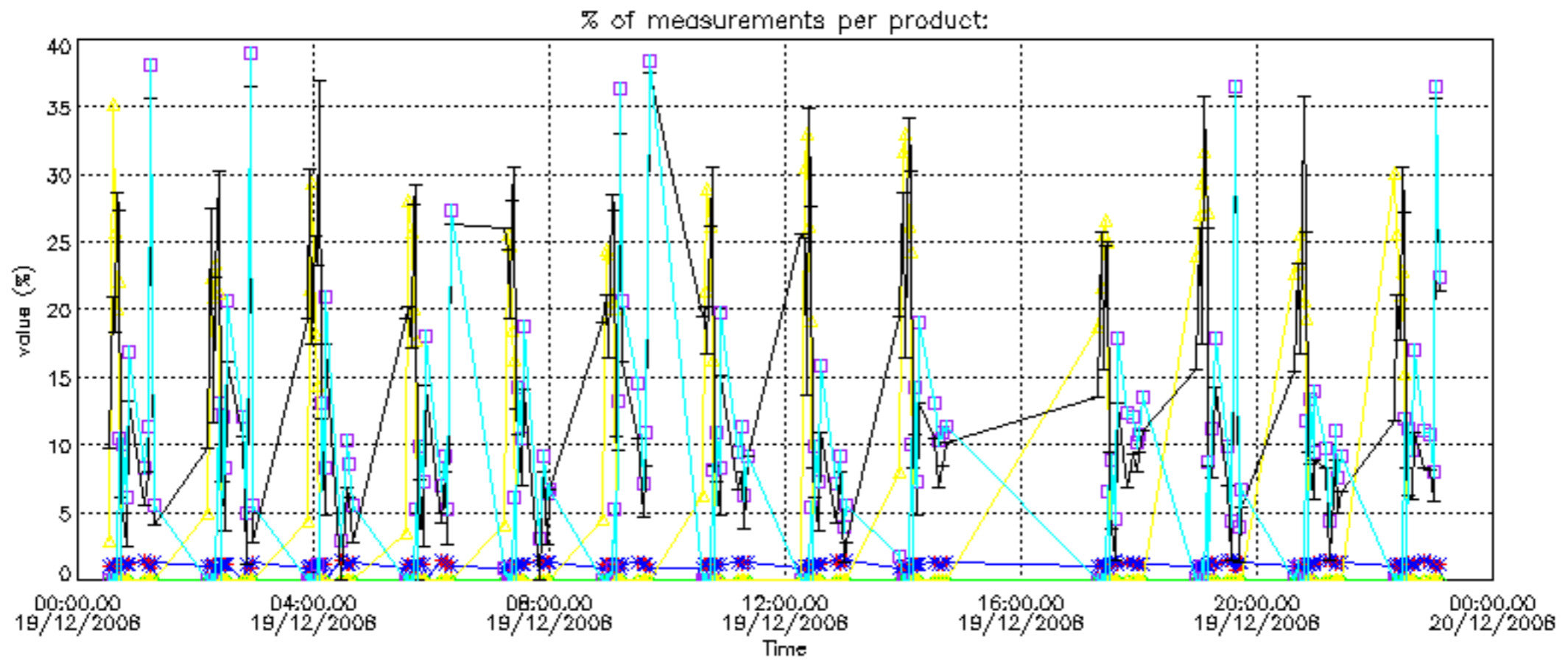
Percentage of flagged data per NO2 profile



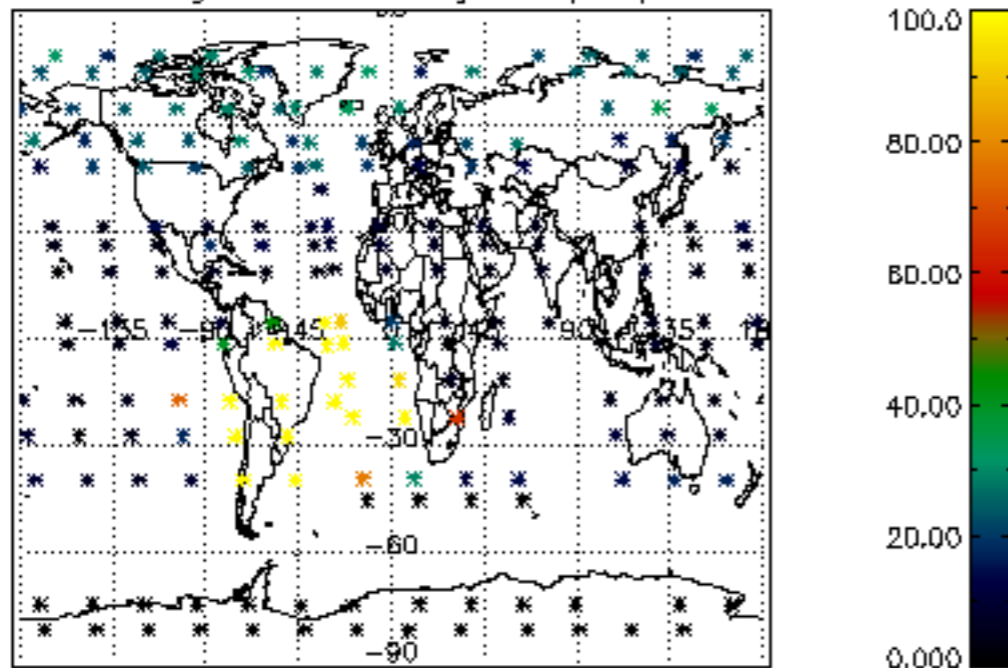
Percentage of flagged data per NO3 profile



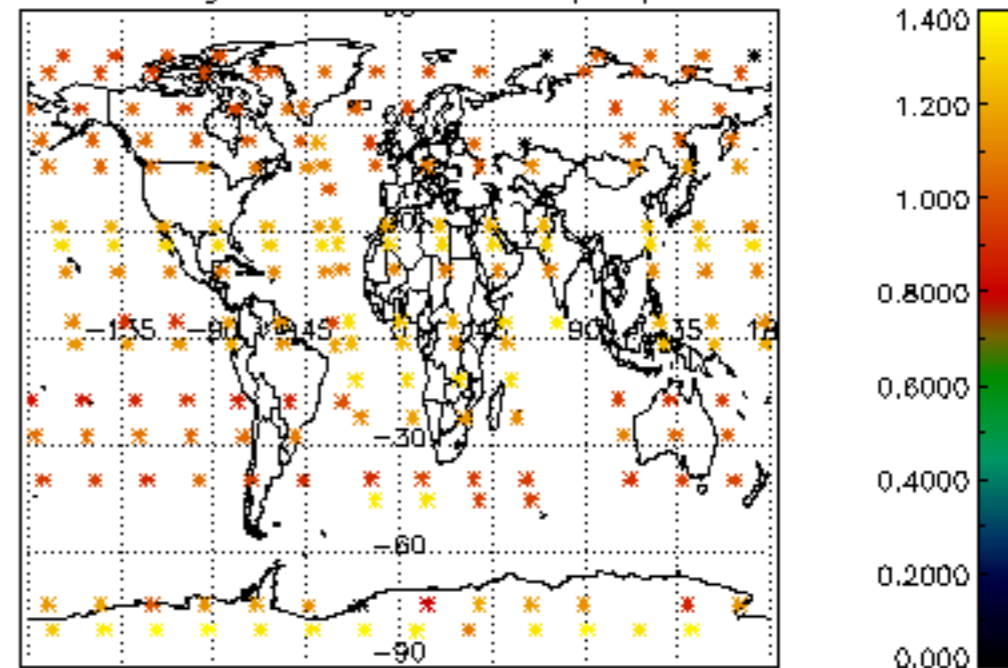




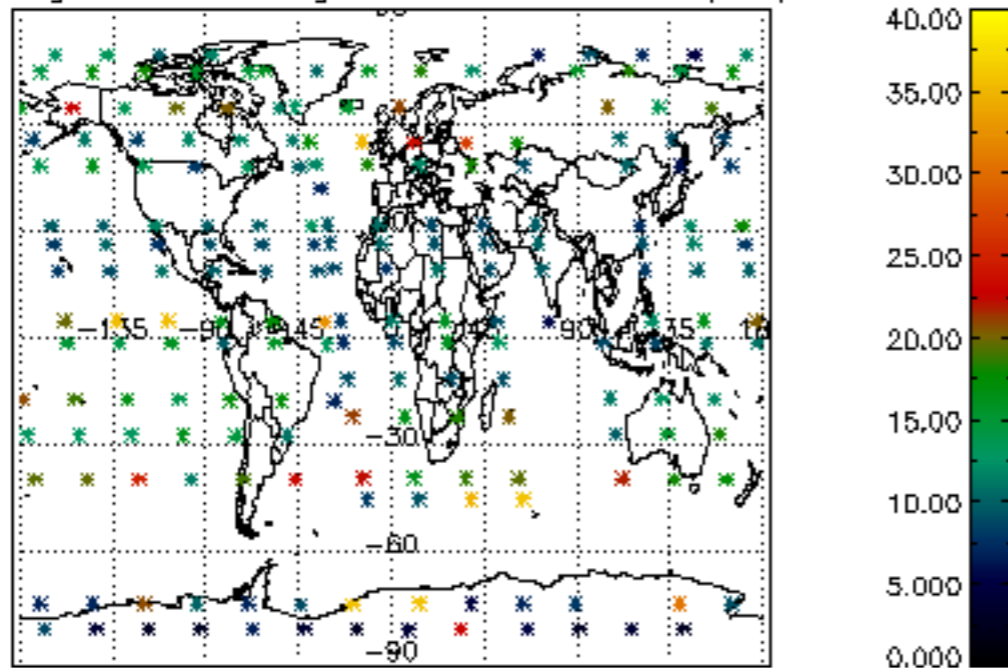
Percentage of cosmic ray hits per profile



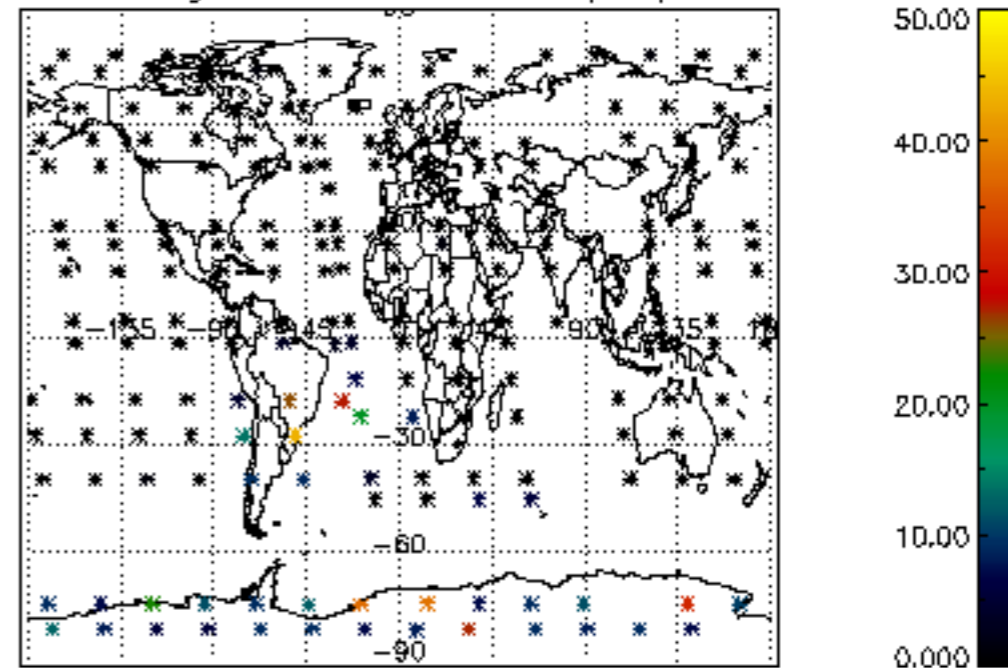
Percentage of datation errors per profile



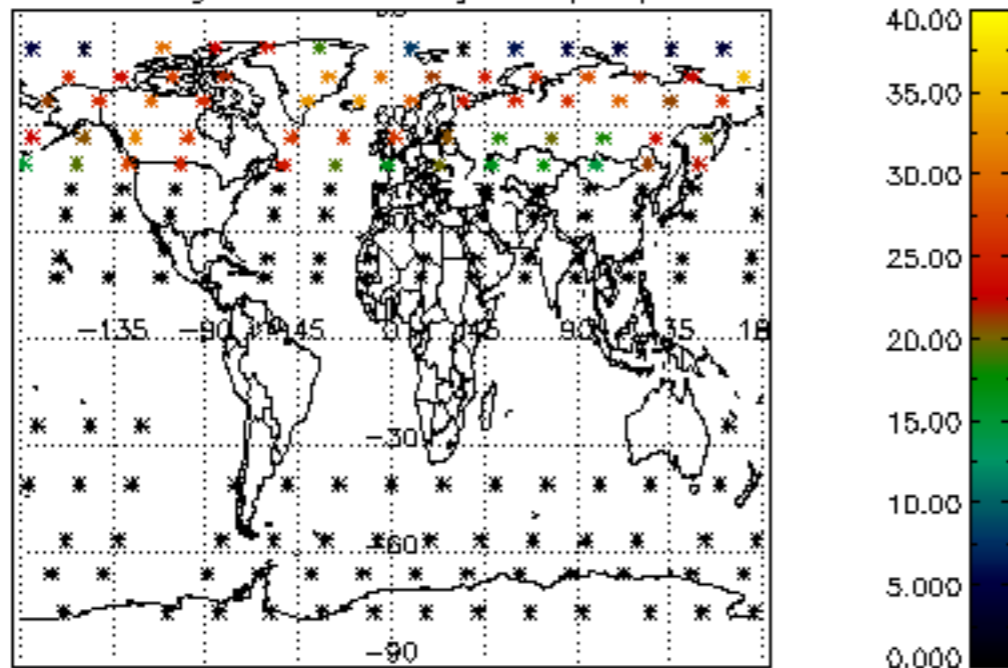
Percentage of star falling outside central band per profile



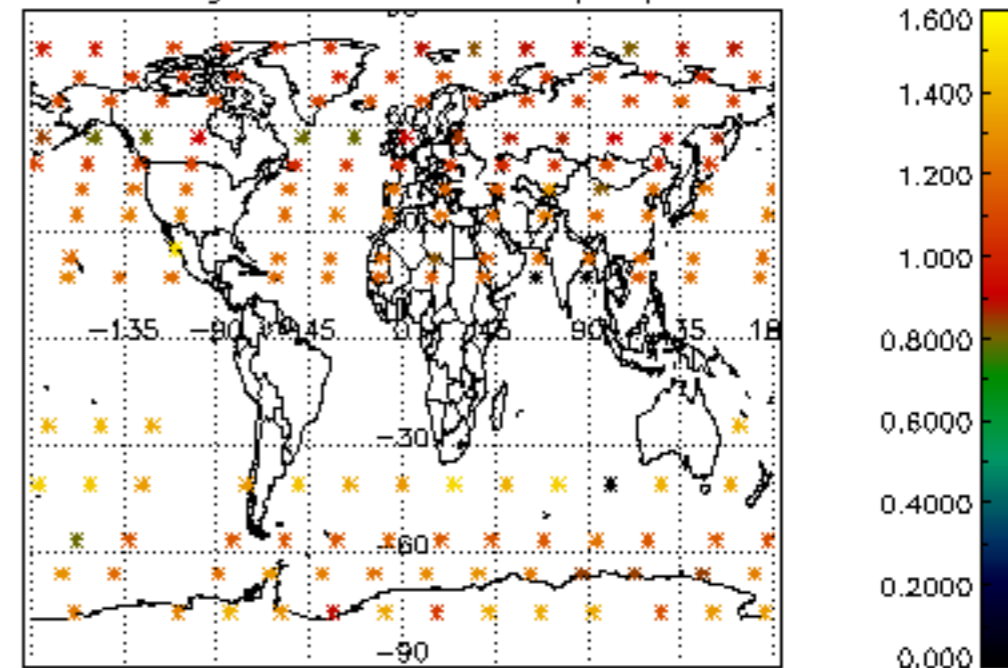
Percentage of saturation errors per profile



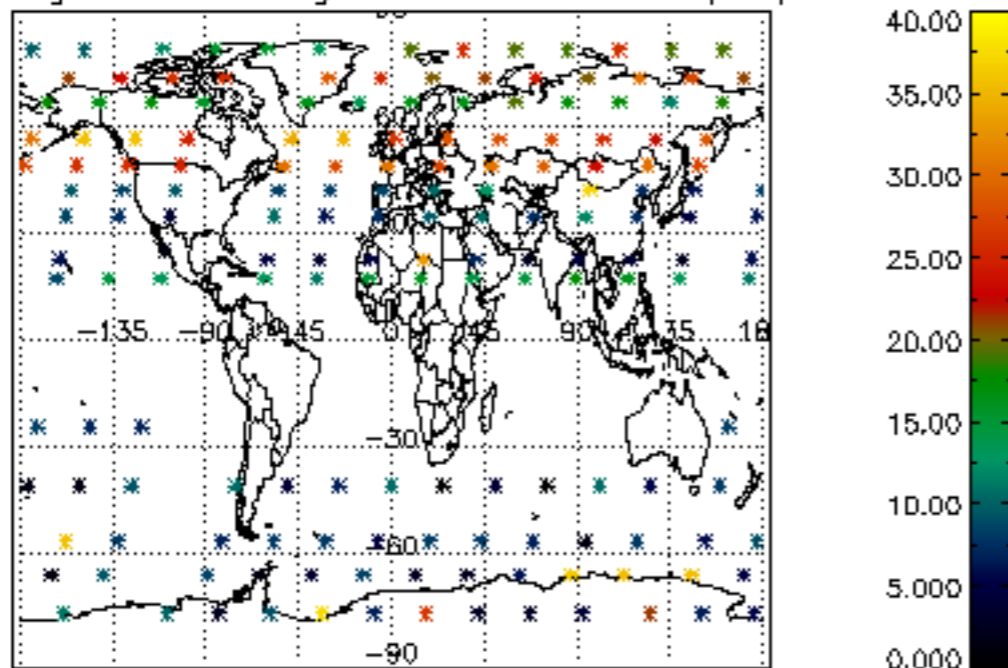
Percentage of cosmic ray hits per profile



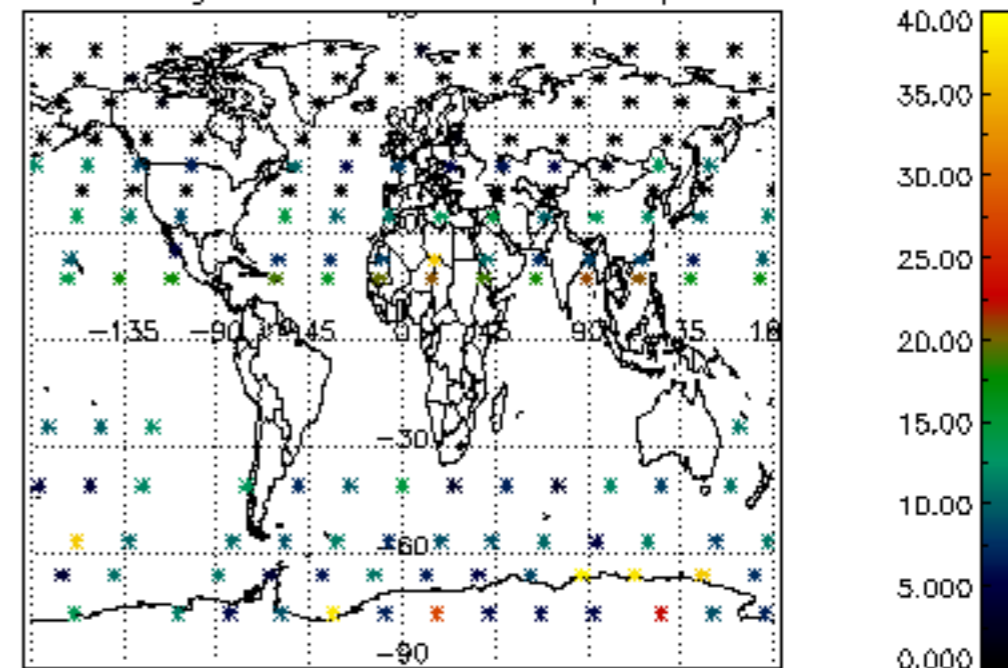
Percentage of datation errors per profile

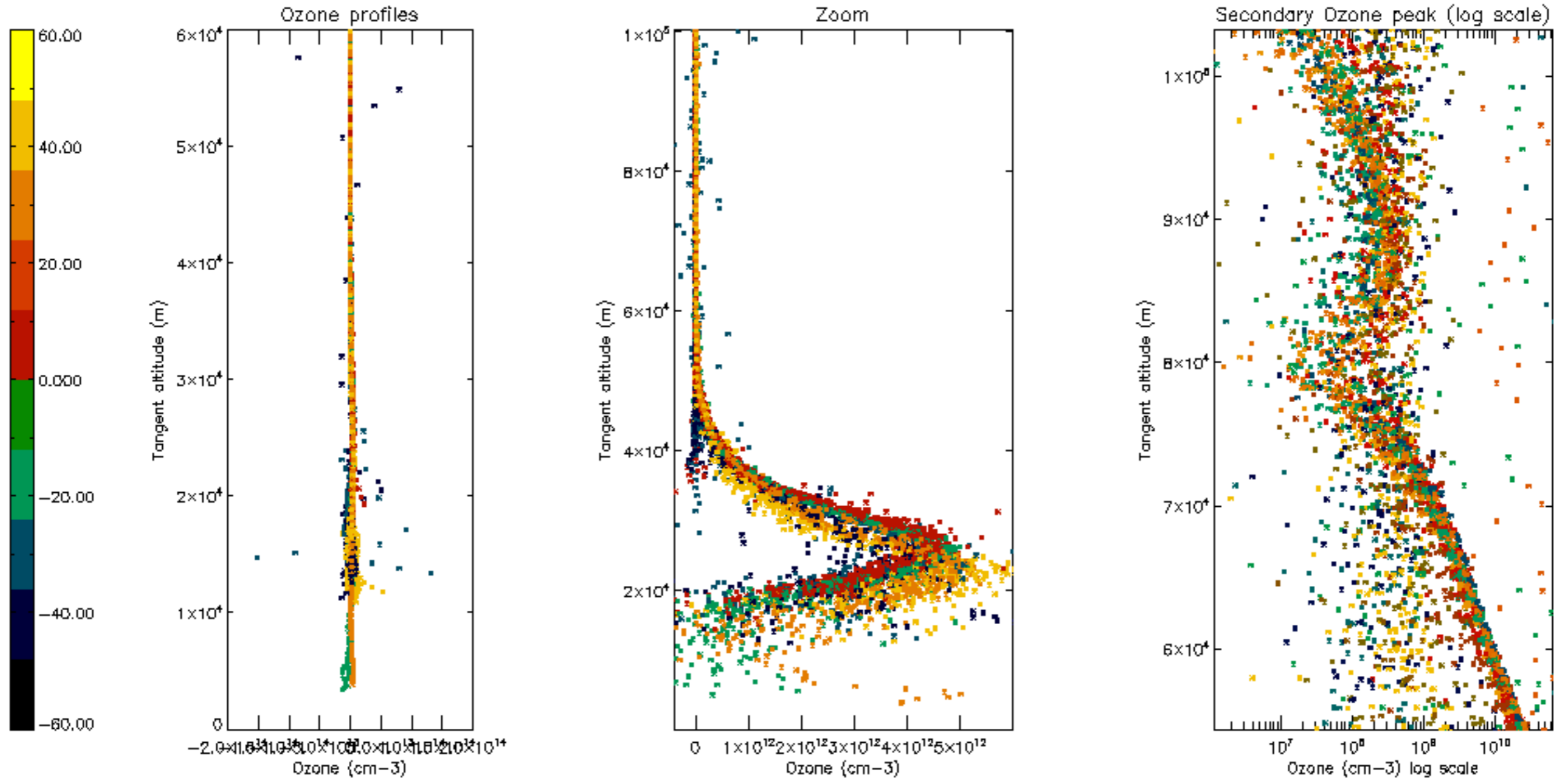


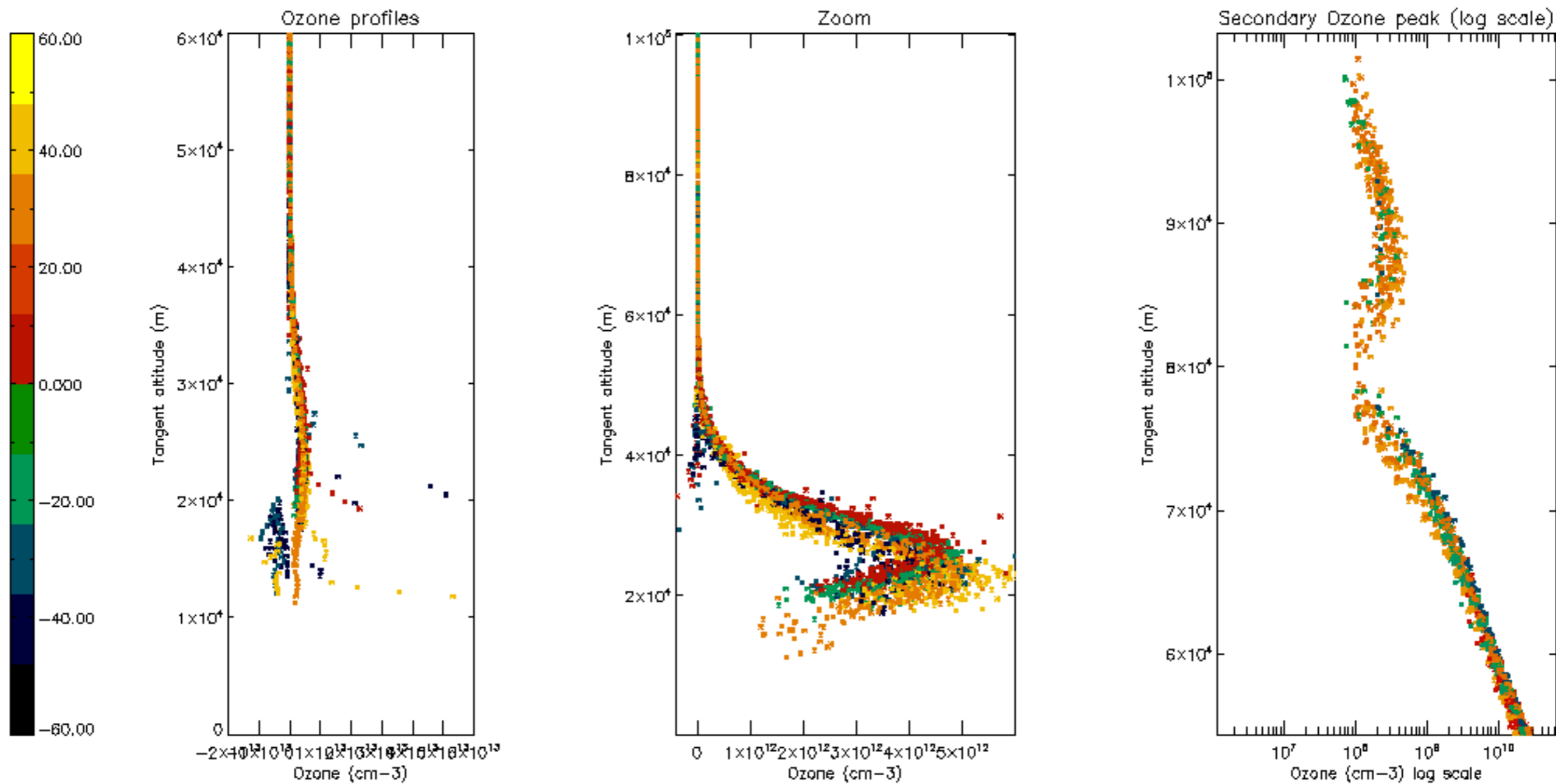
Percentage of star falling outside central band per profile

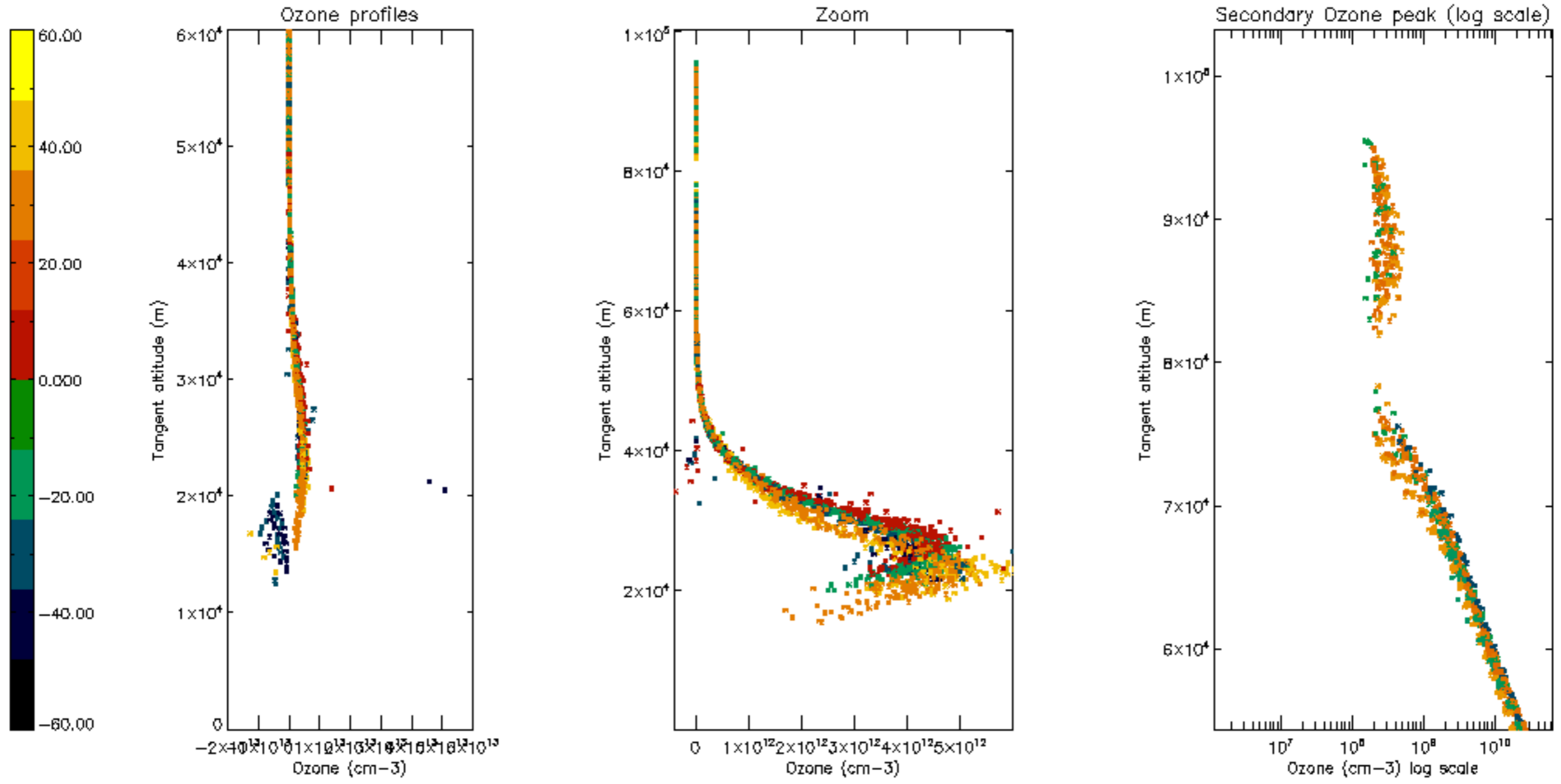


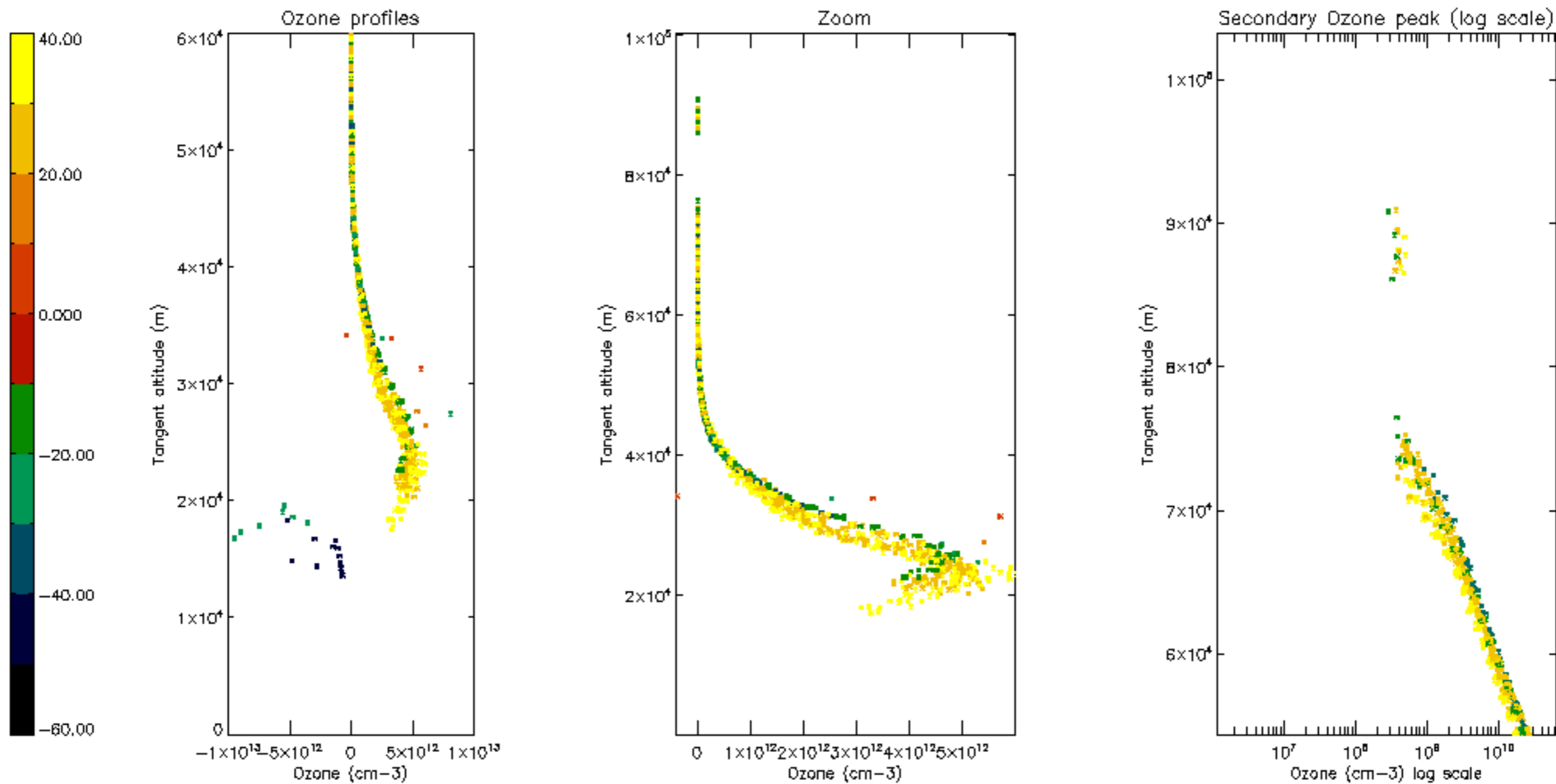
Percentage of saturation errors per profile

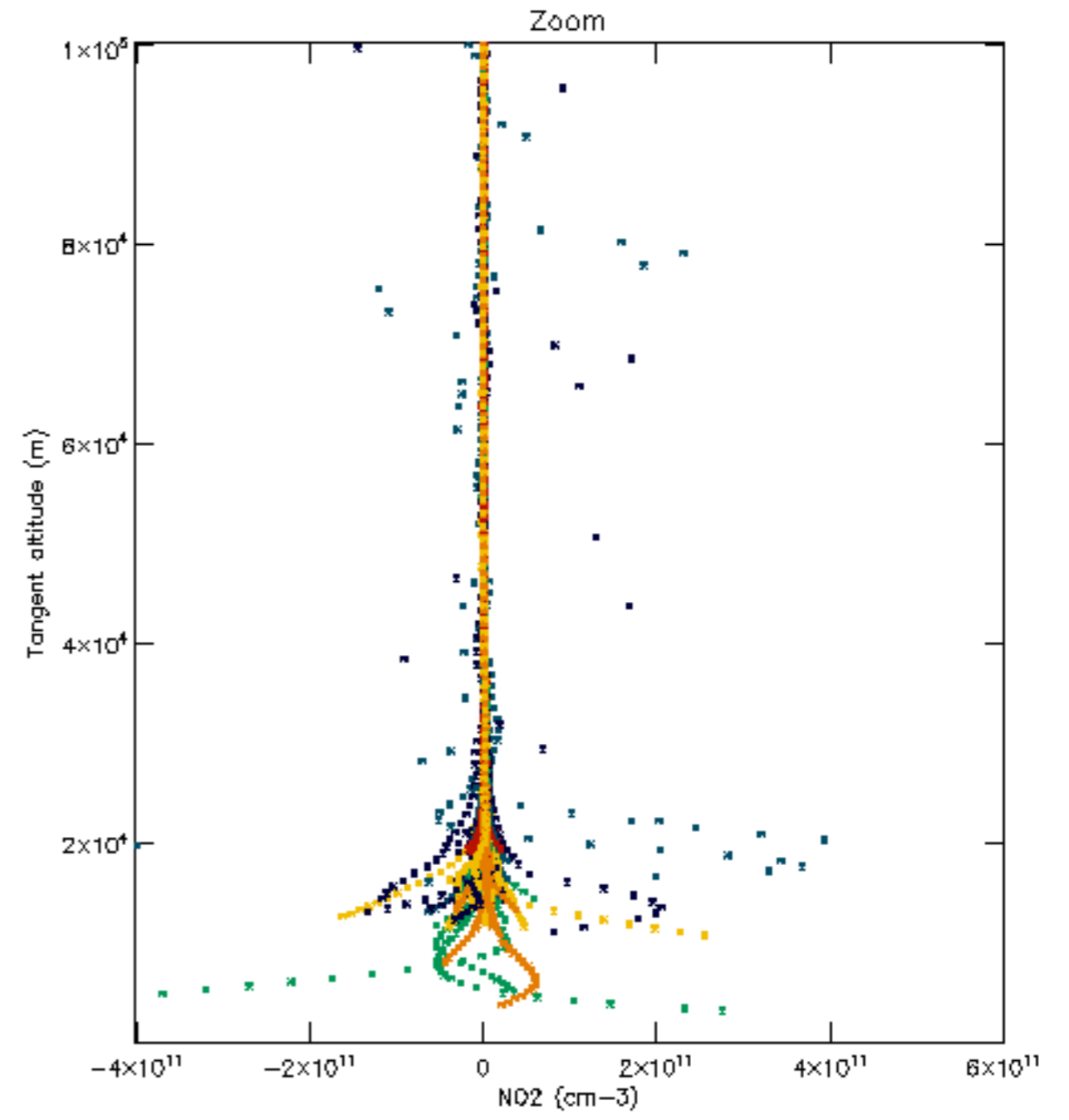
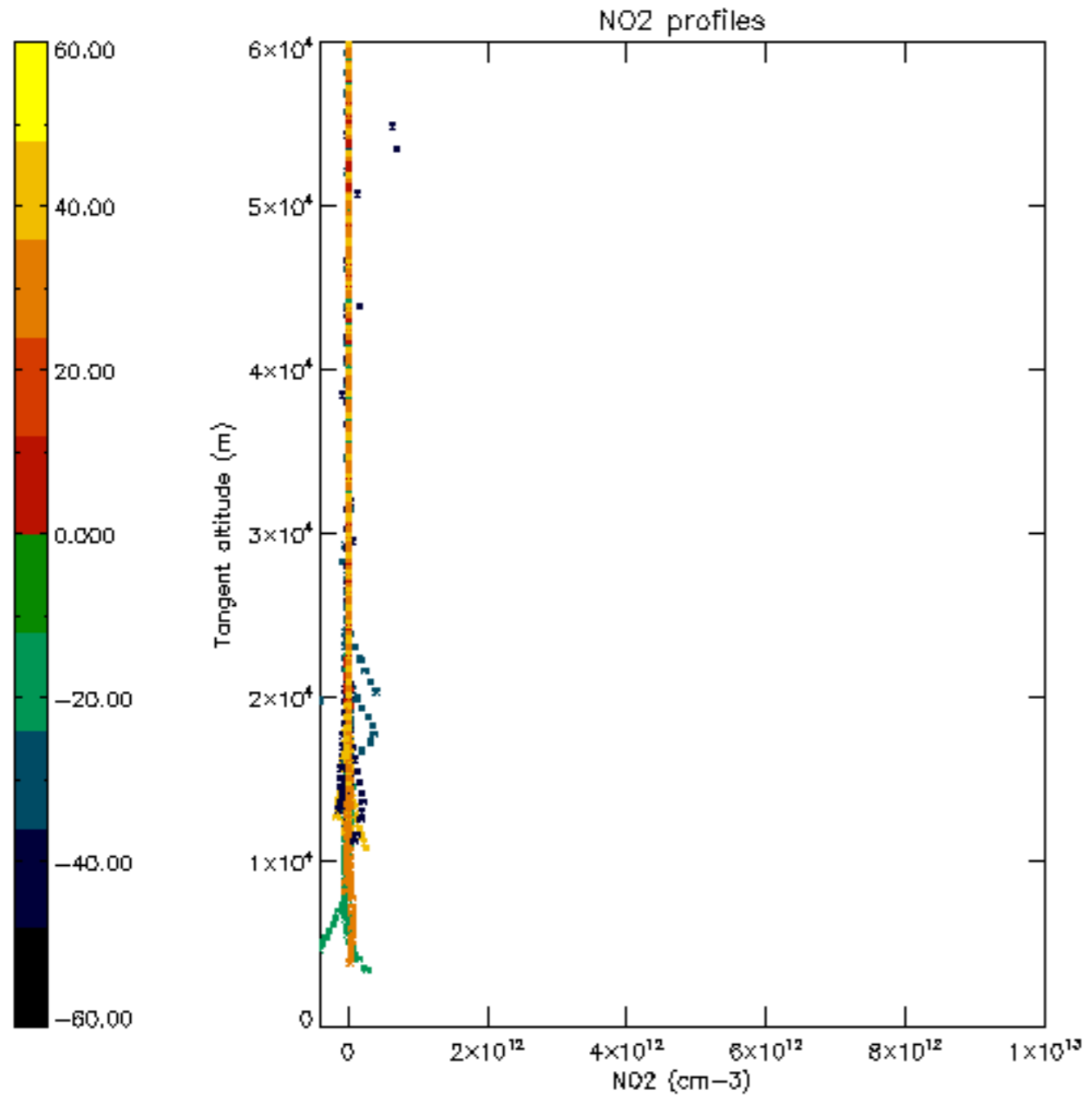


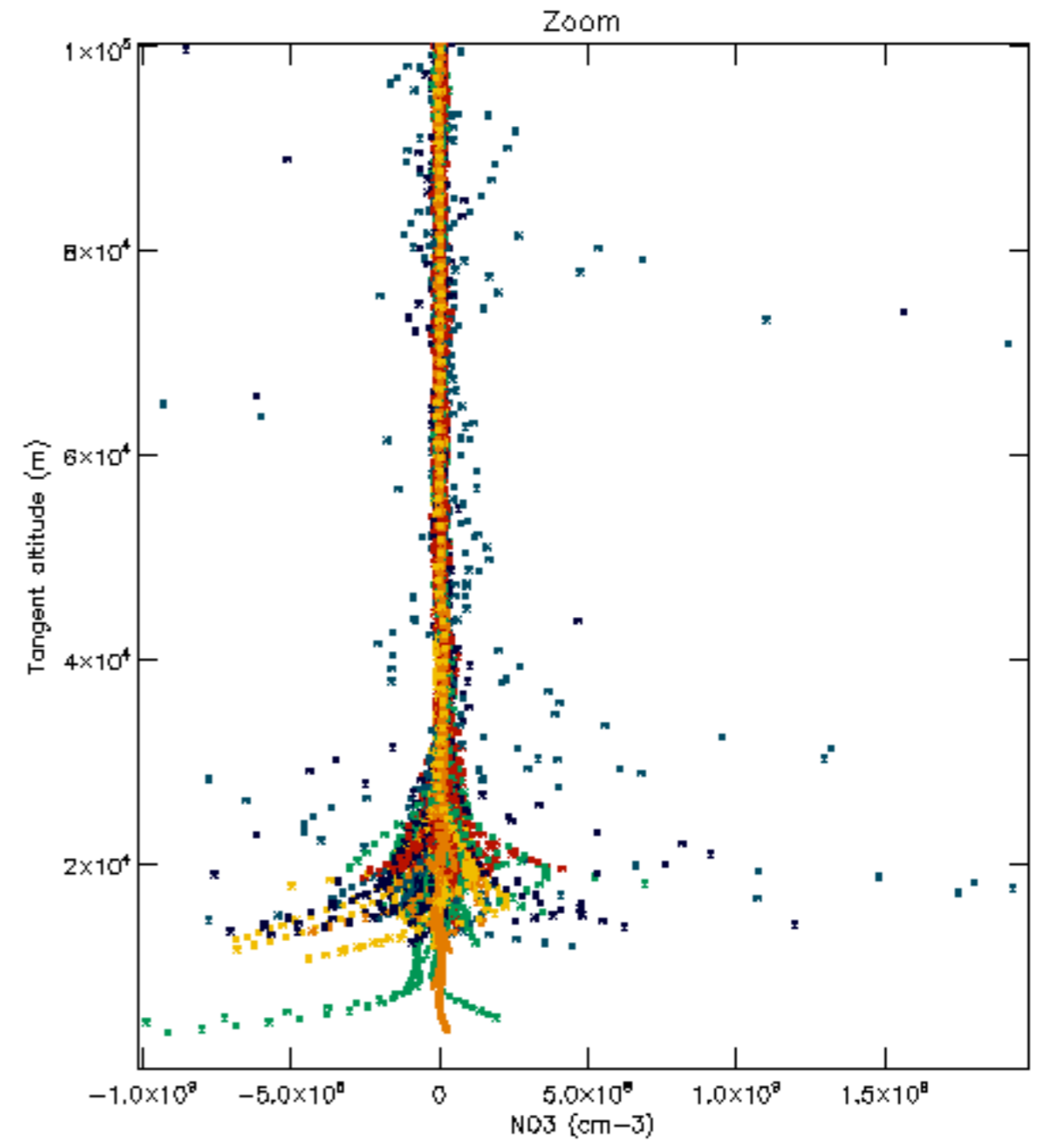
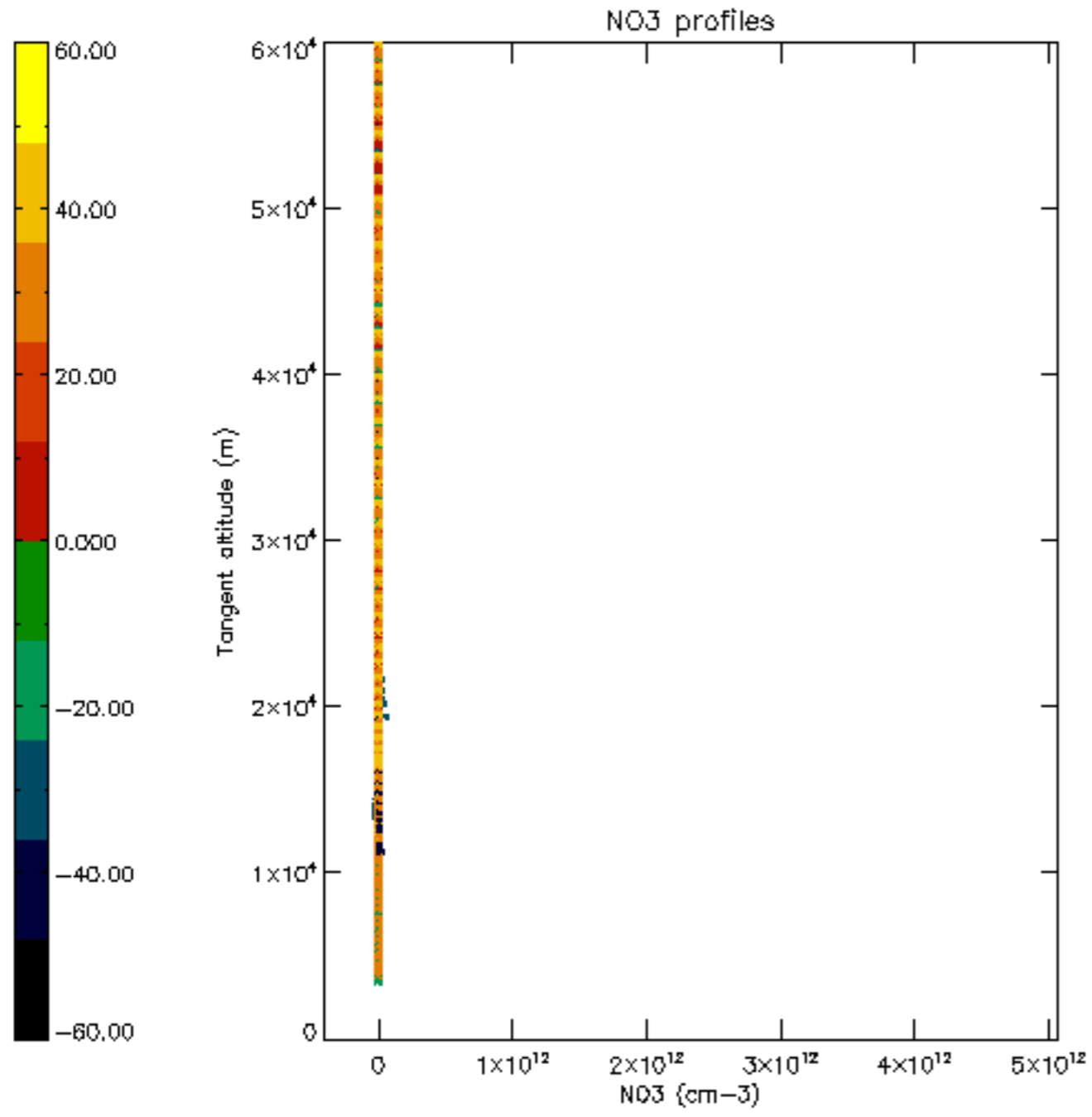


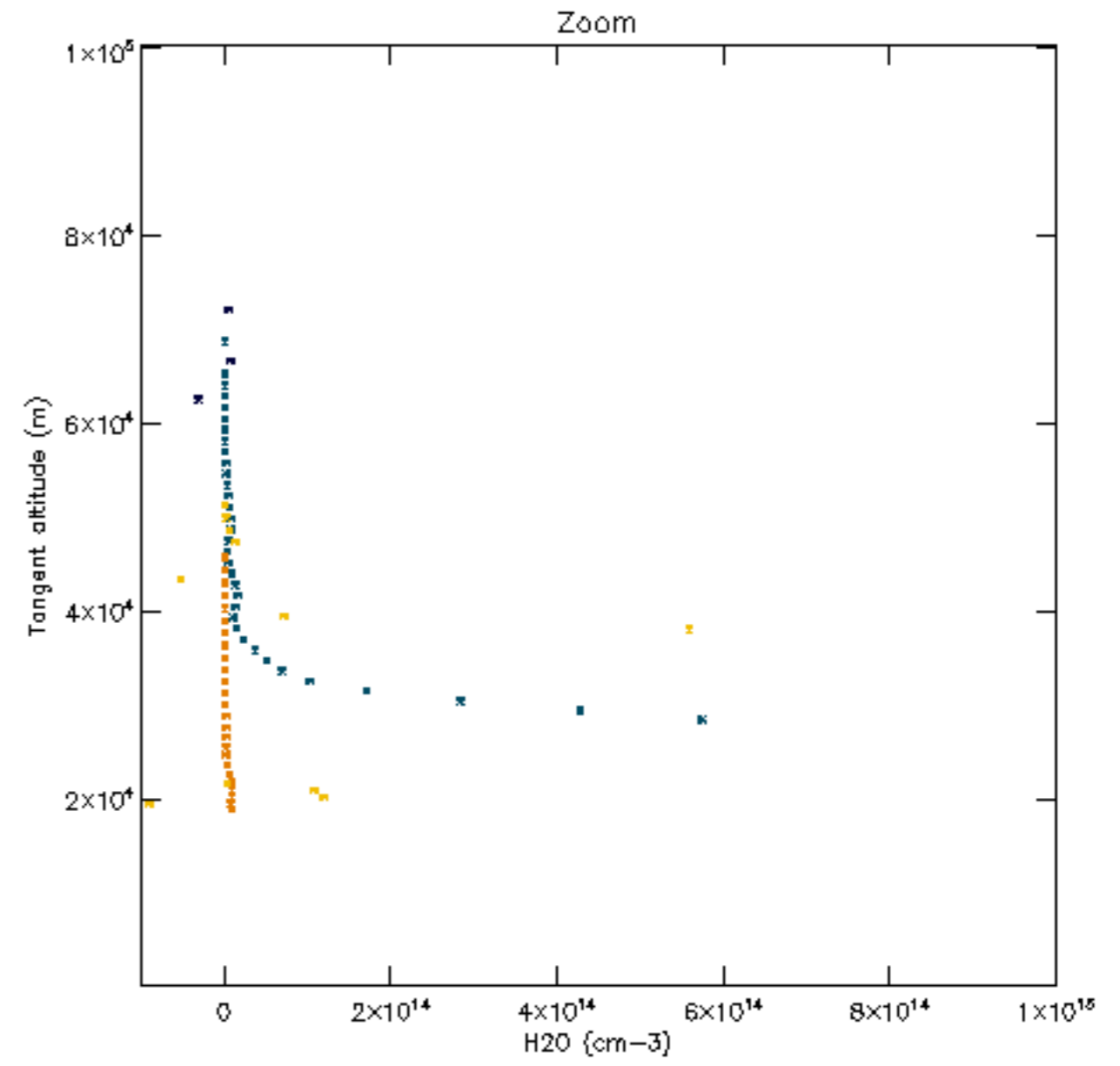
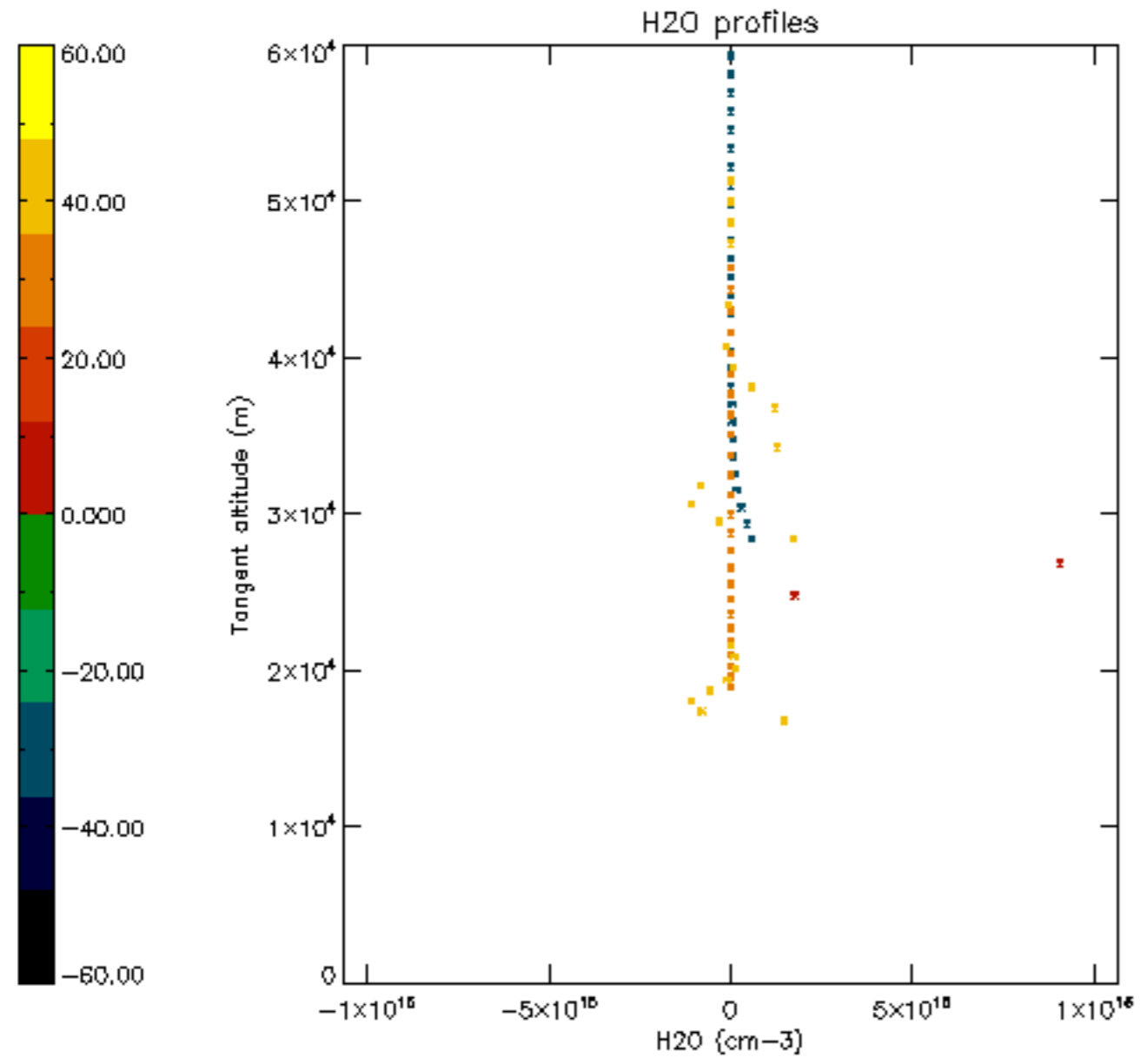


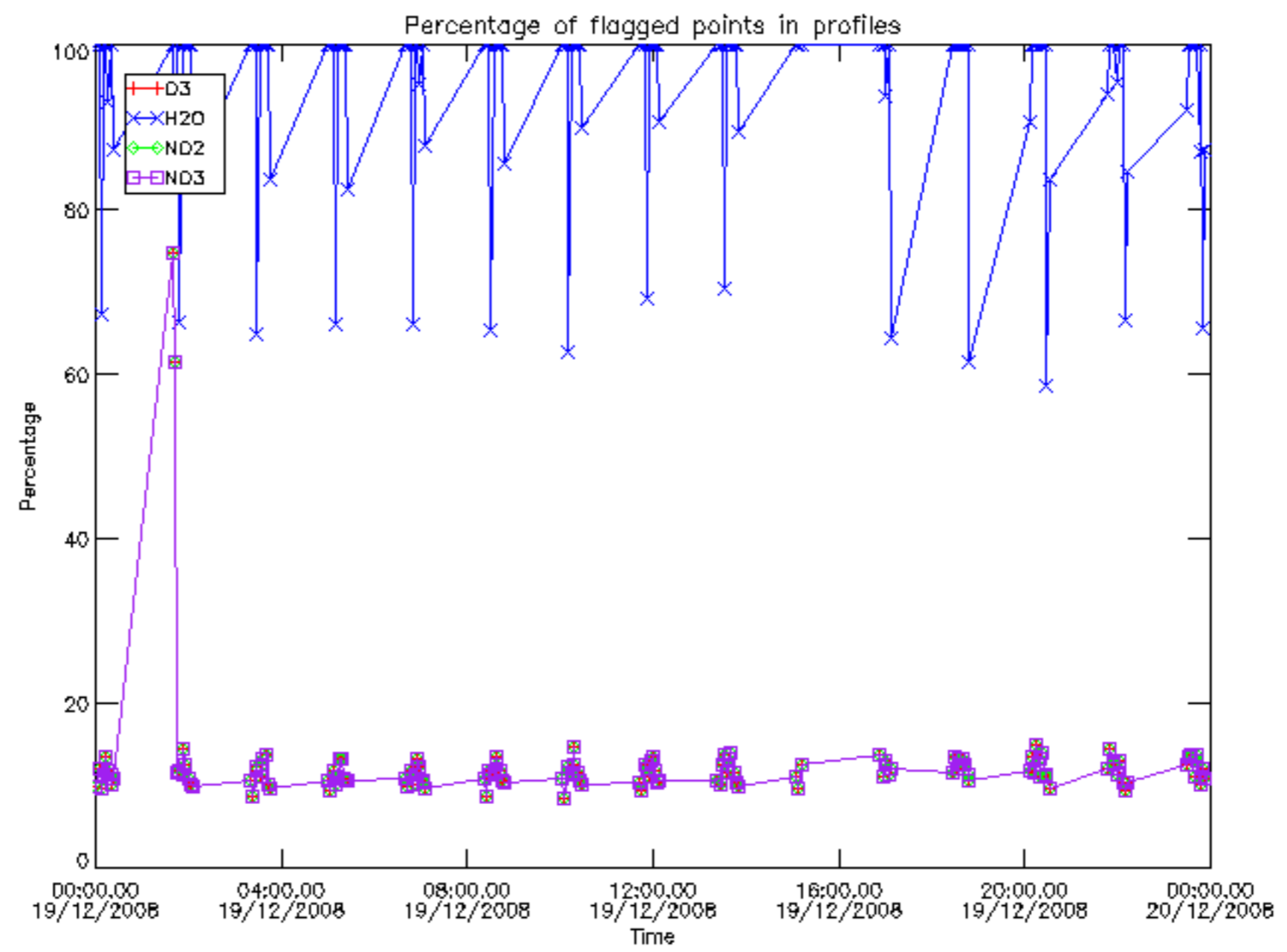




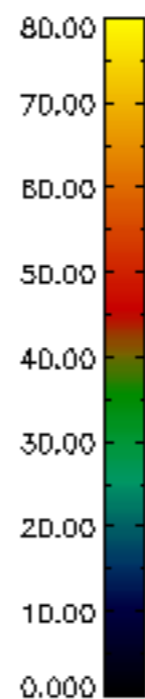
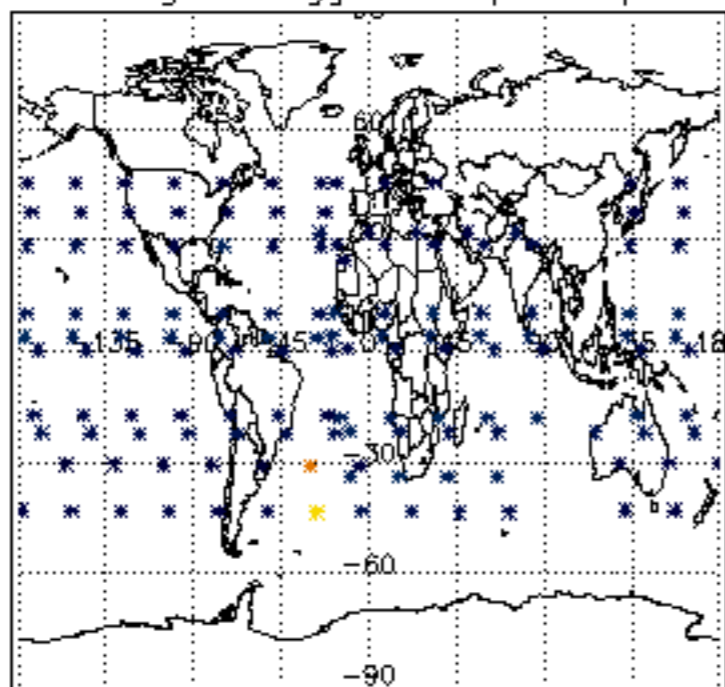




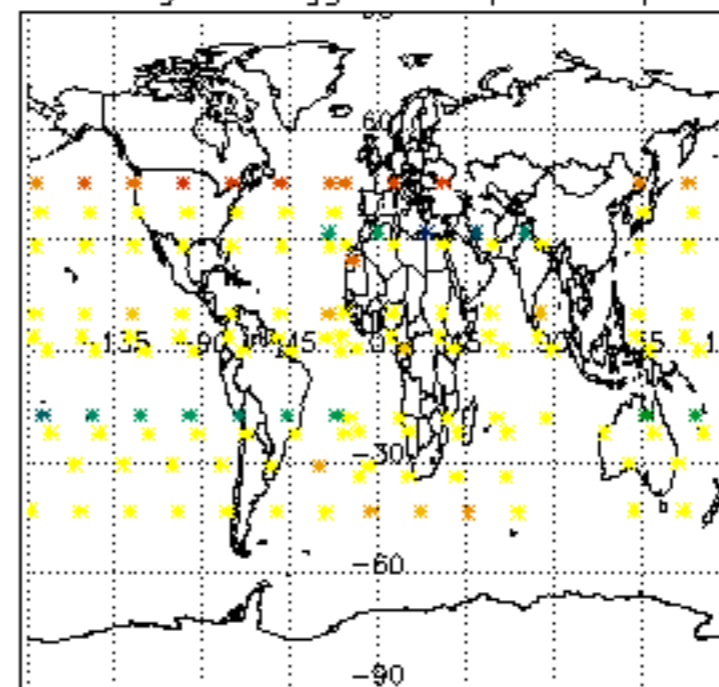




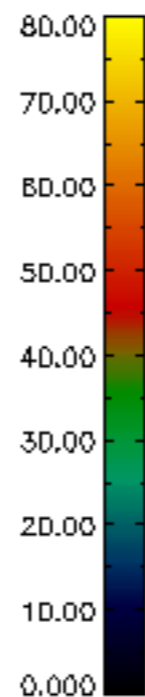
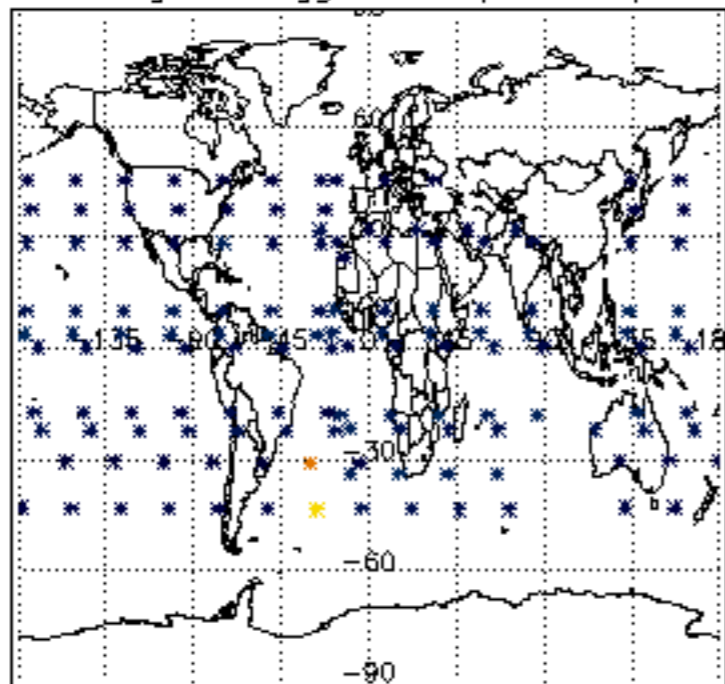
Percentage of flagged data per D3 profile



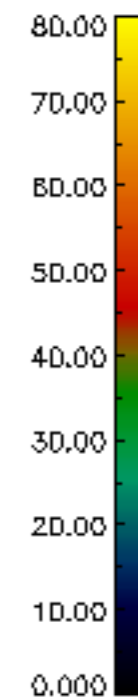
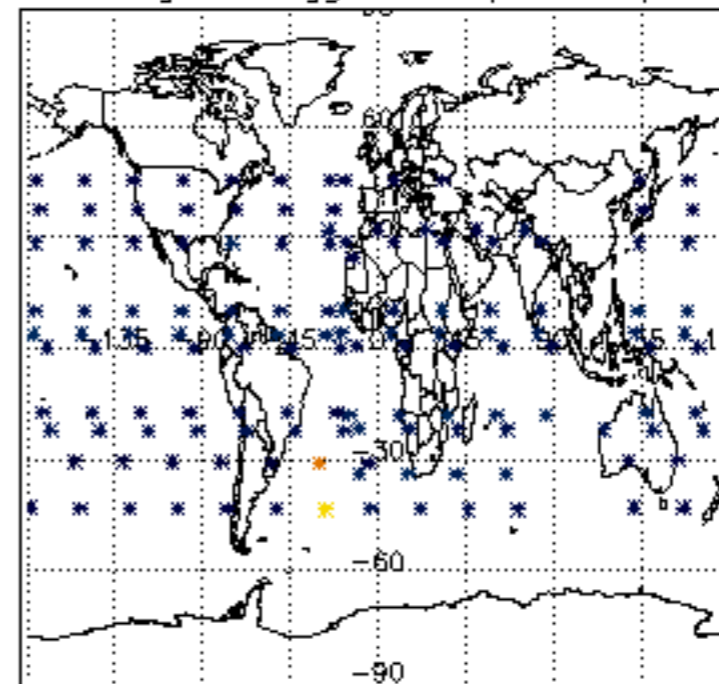
Percentage of flagged data per H2O profile

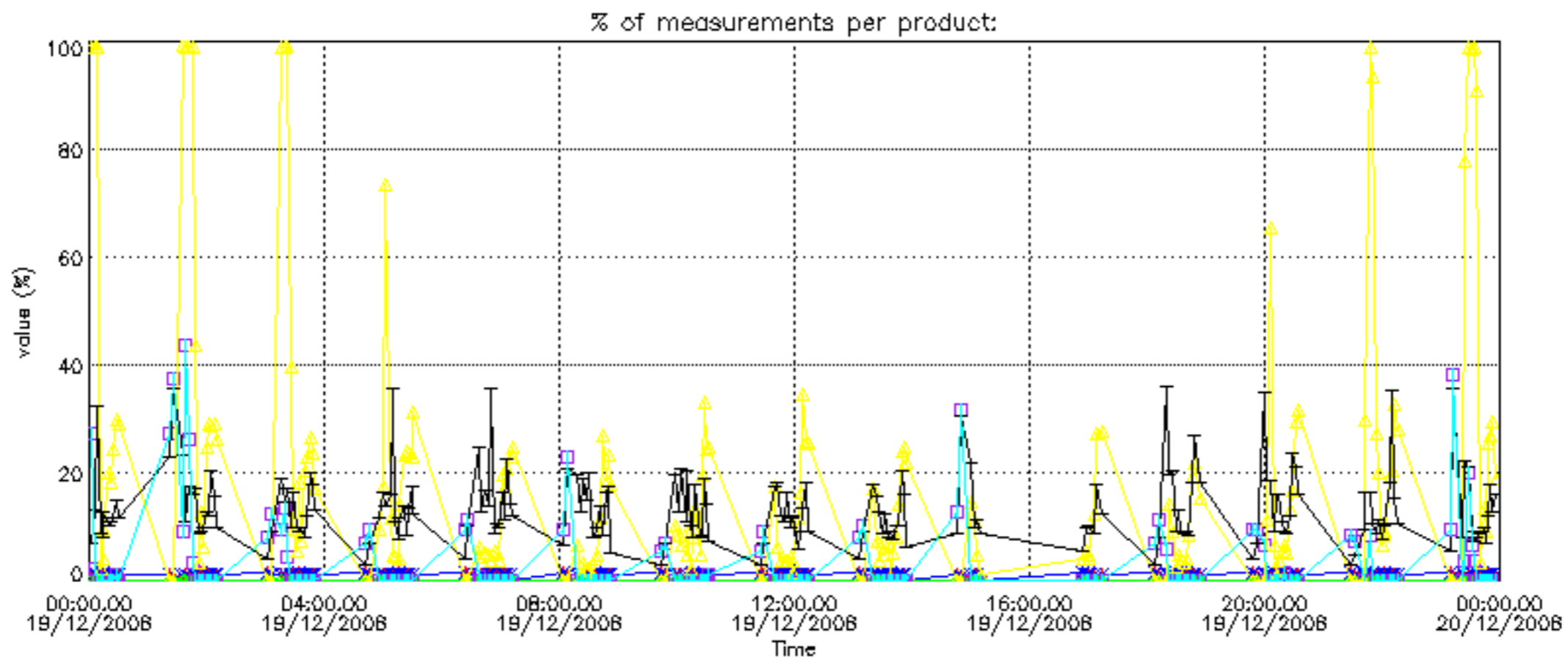


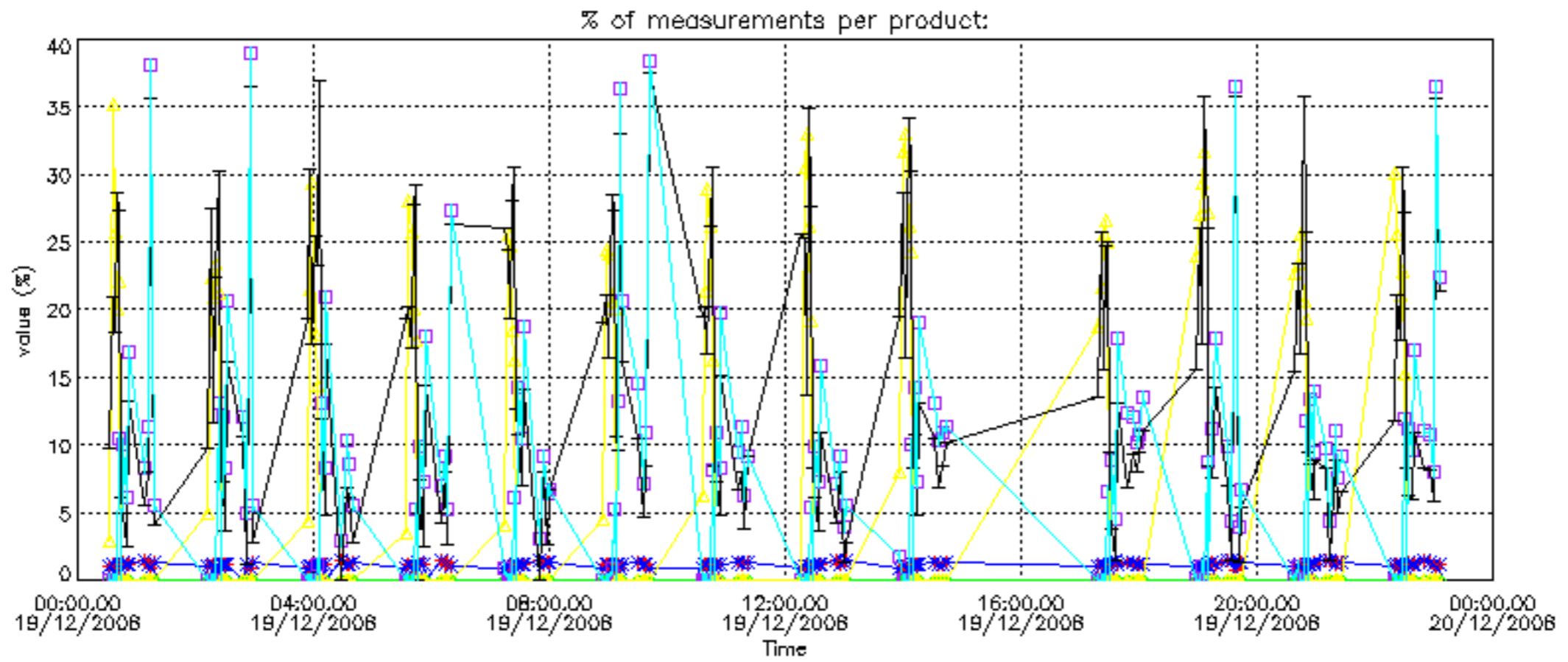
Percentage of flagged data per NO2 profile



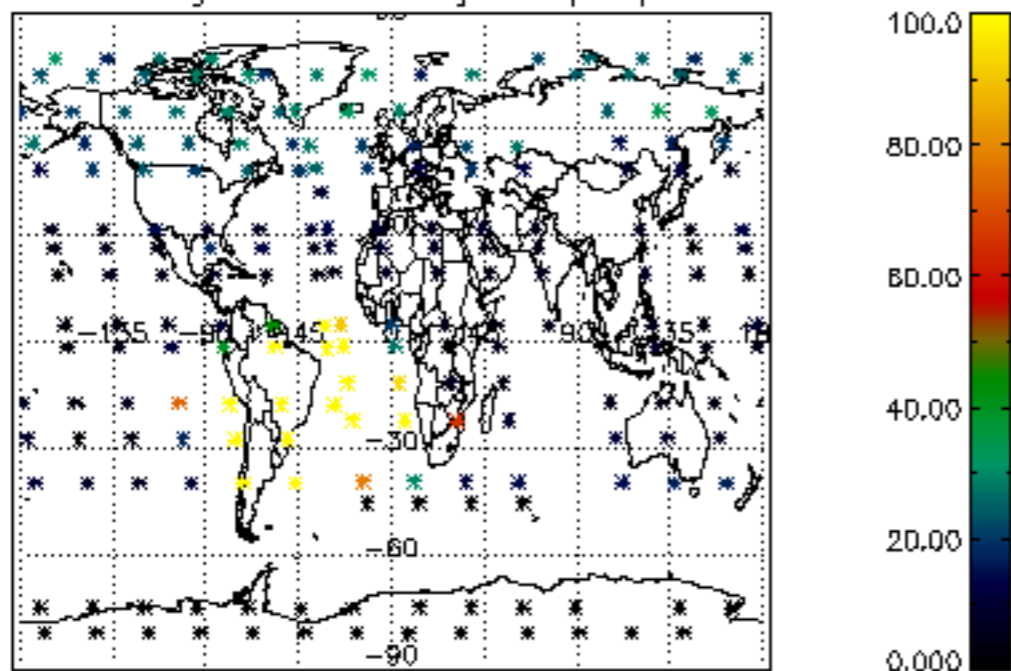
Percentage of flagged data per NO3 profile



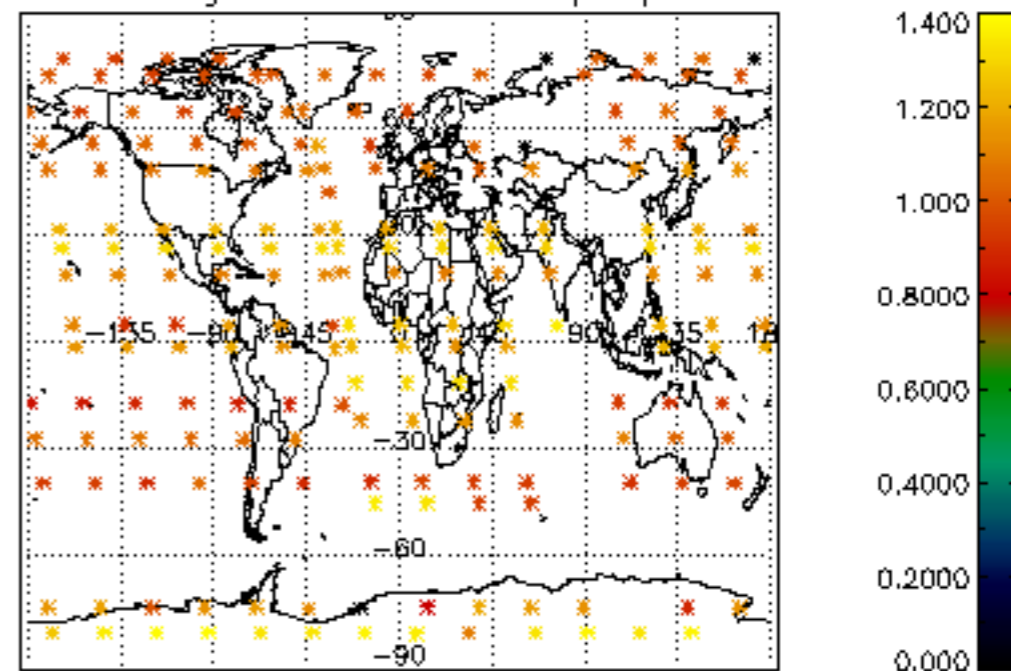




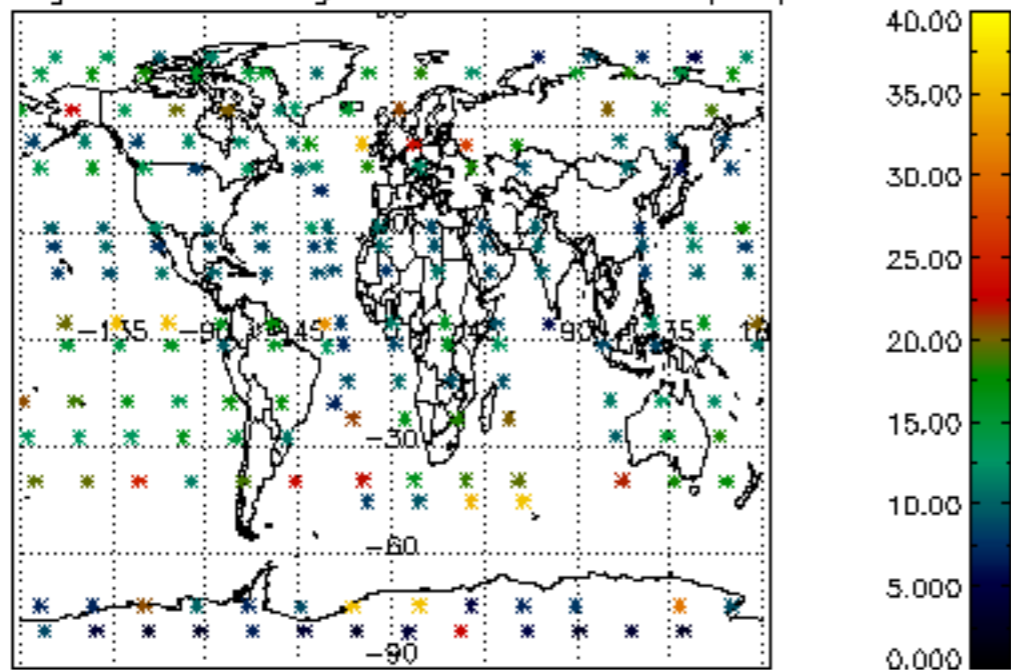
Percentage of cosmic ray hits per profile



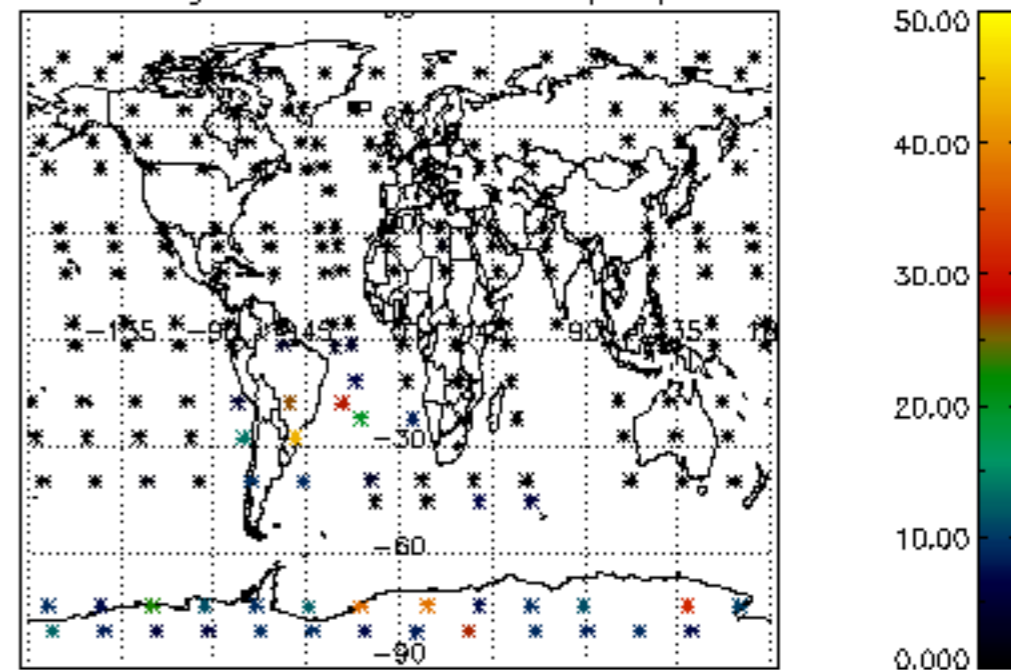
Percentage of datation errors per profile



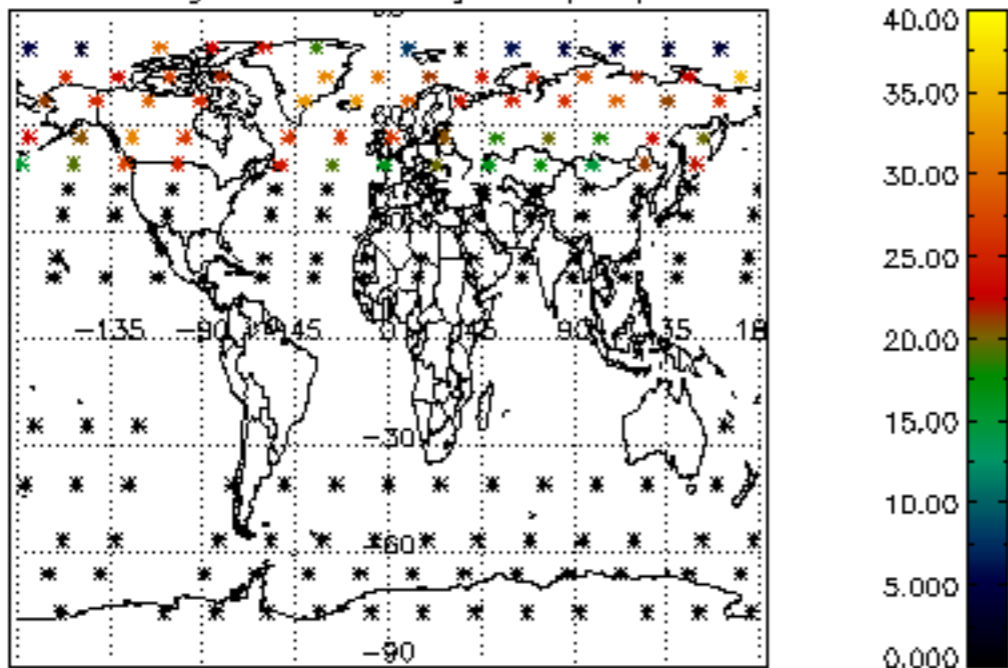
Percentage of star falling outside central band per profile



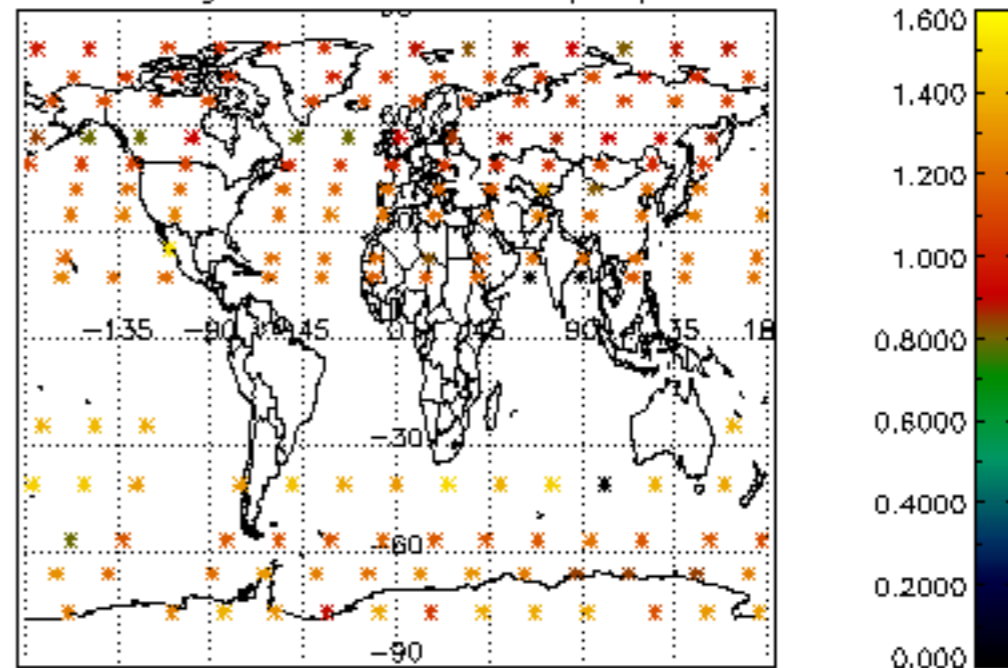
Percentage of saturation errors per profile



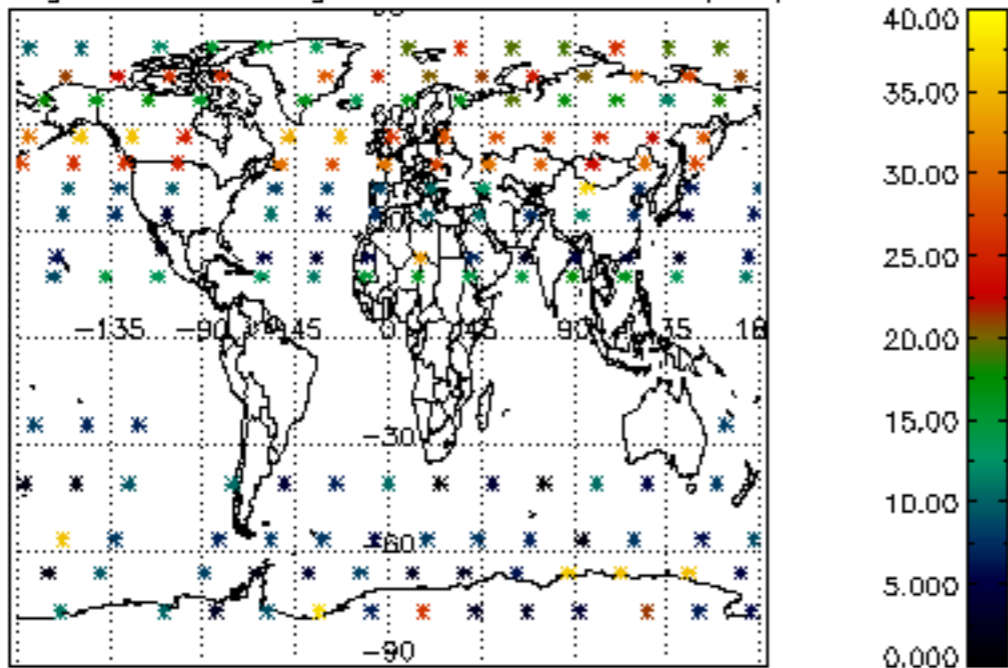
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

