

GOMOS Level 2 Daily Report

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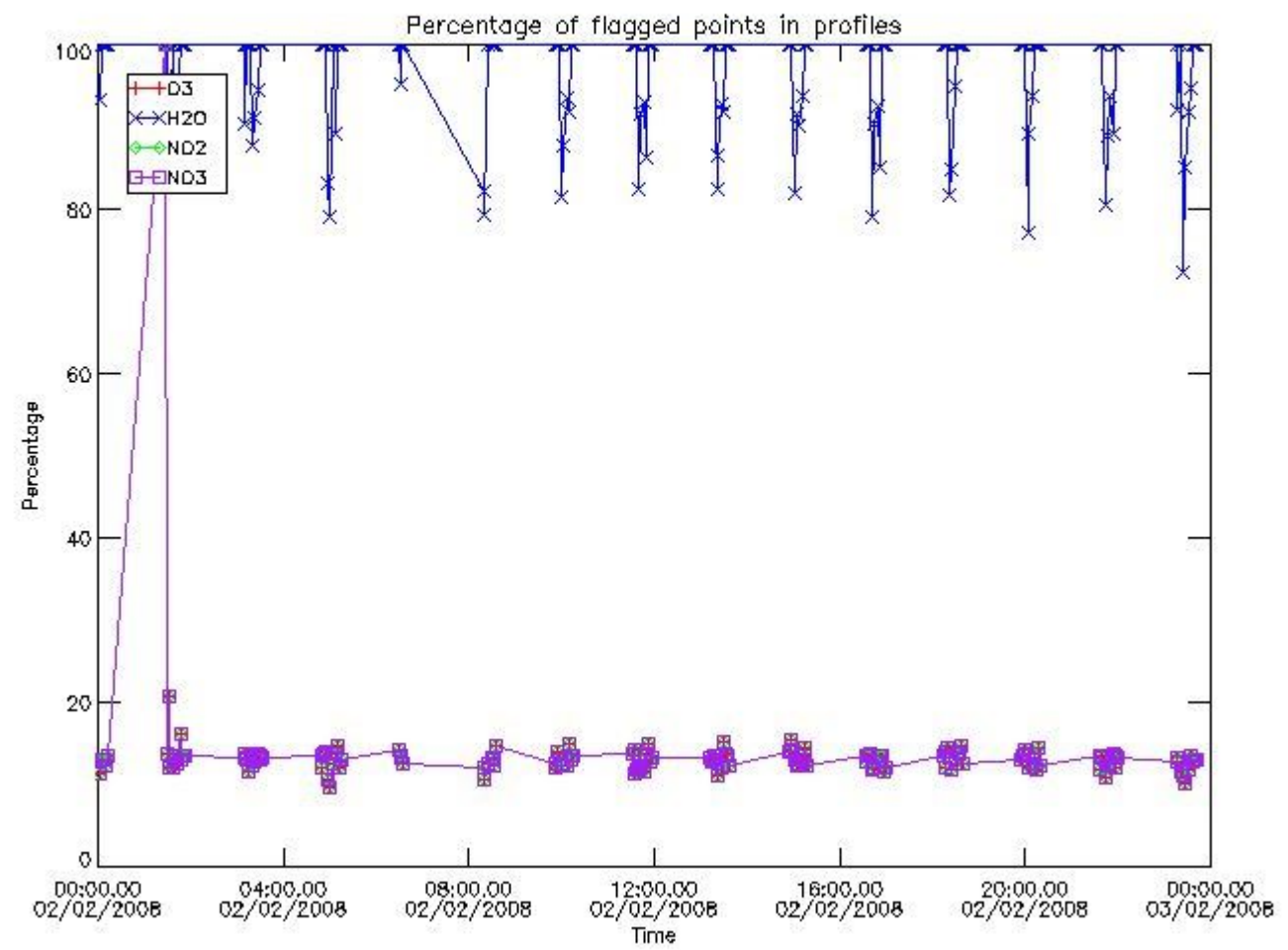
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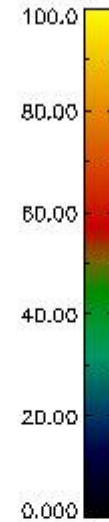
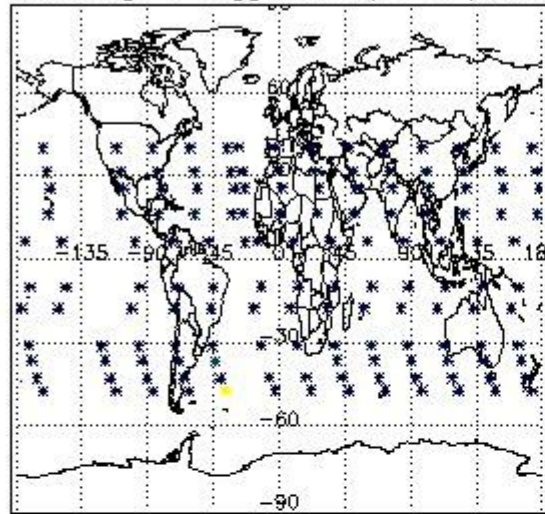
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3.1 Plot quality information per product (time dependant)

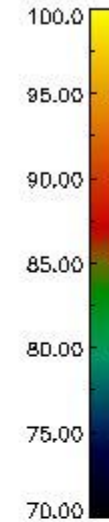
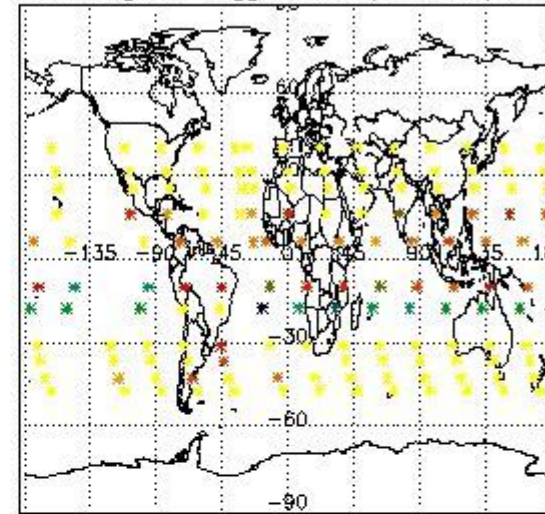


3.2 Plot quality information per product (world map)

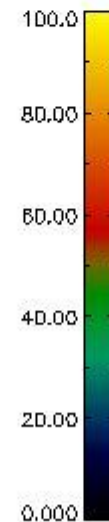
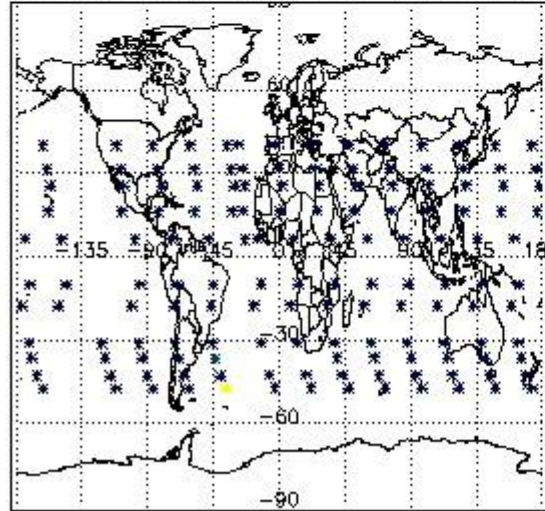
Percentage of flagged data per O3 profile



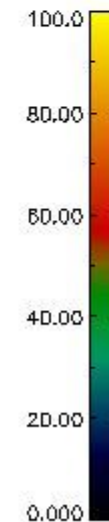
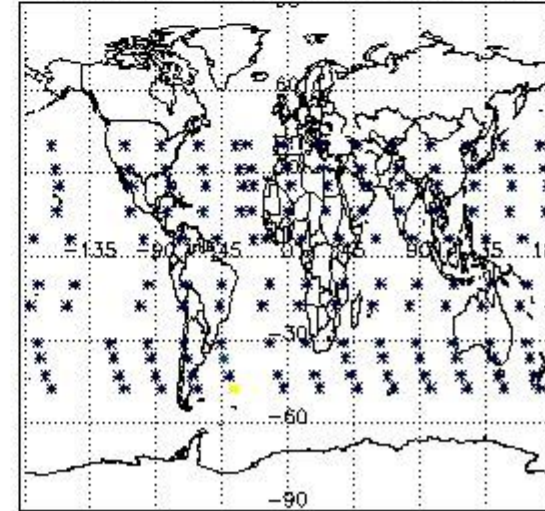
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

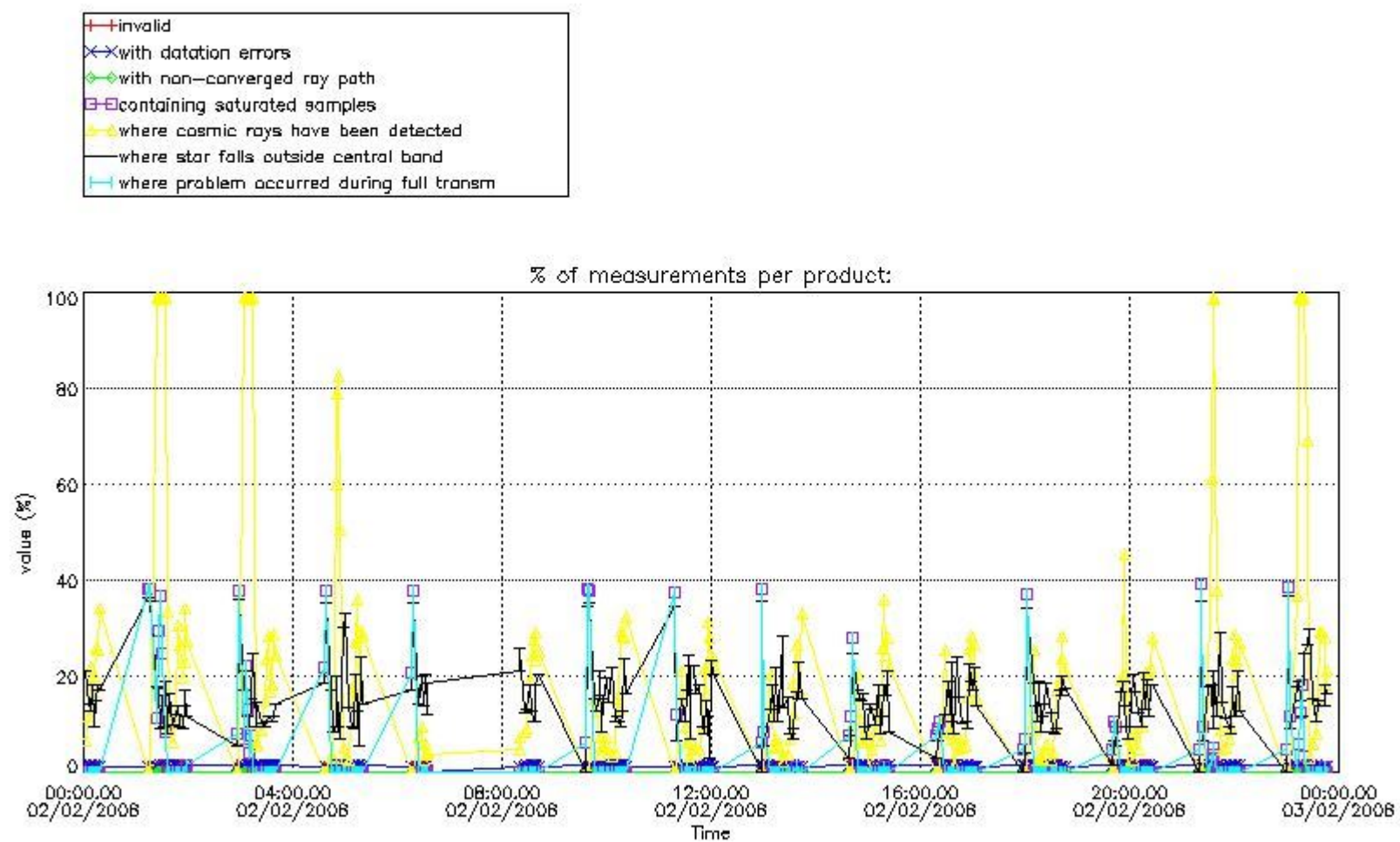


4. Level 1 quality information per product

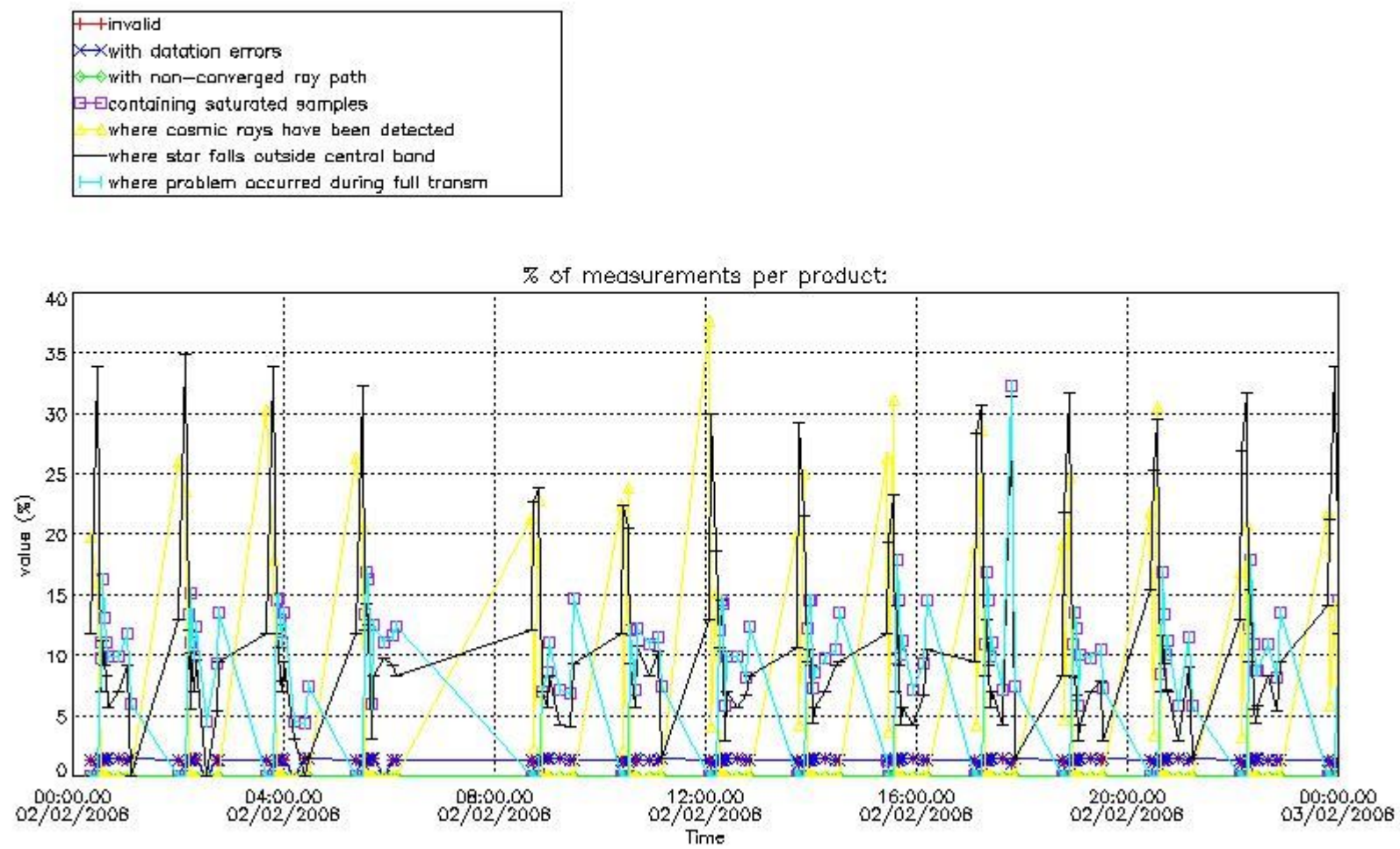
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



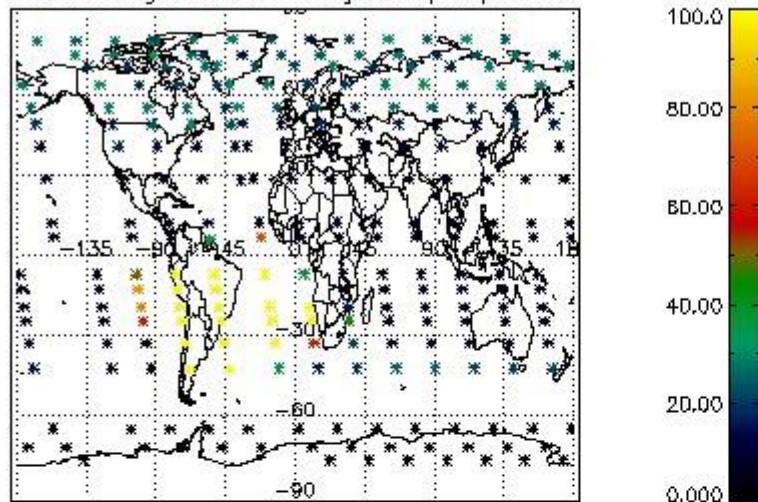
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



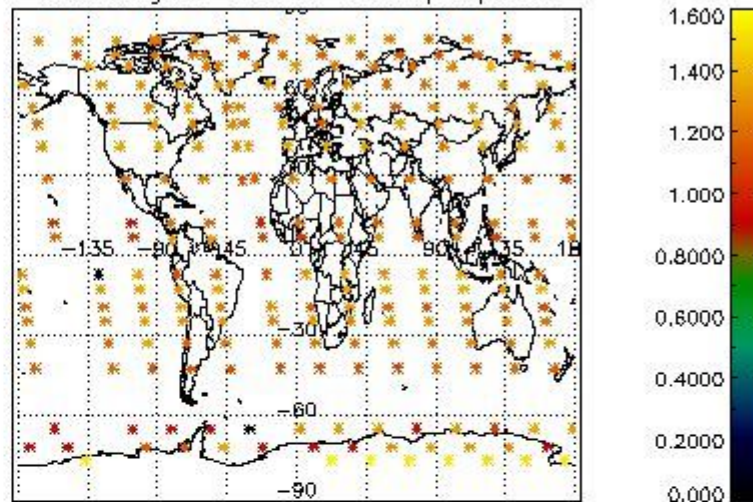
4.2 Plot quality information per product coming from level 1b processing (world map)

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

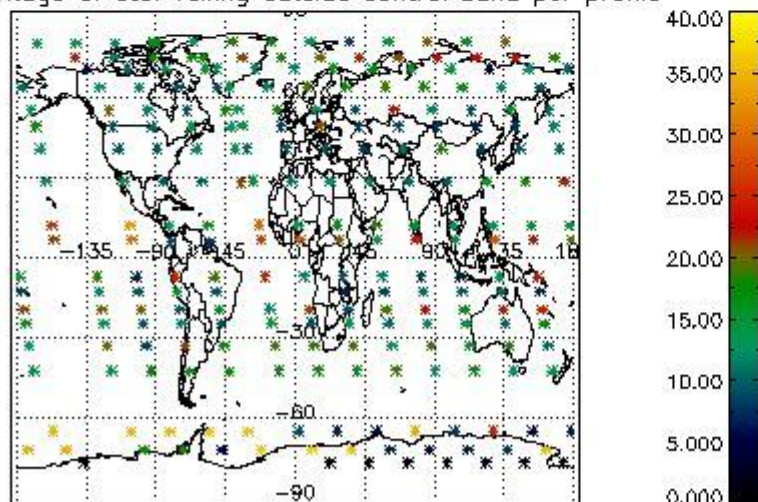
Percentage of cosmic ray hits per profile



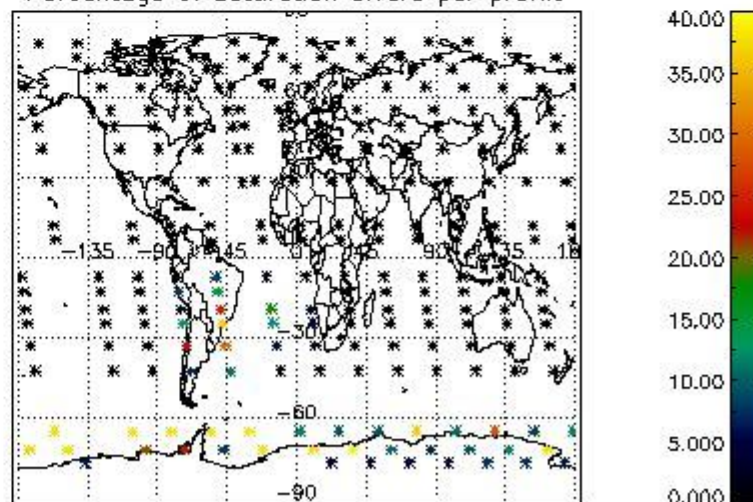
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

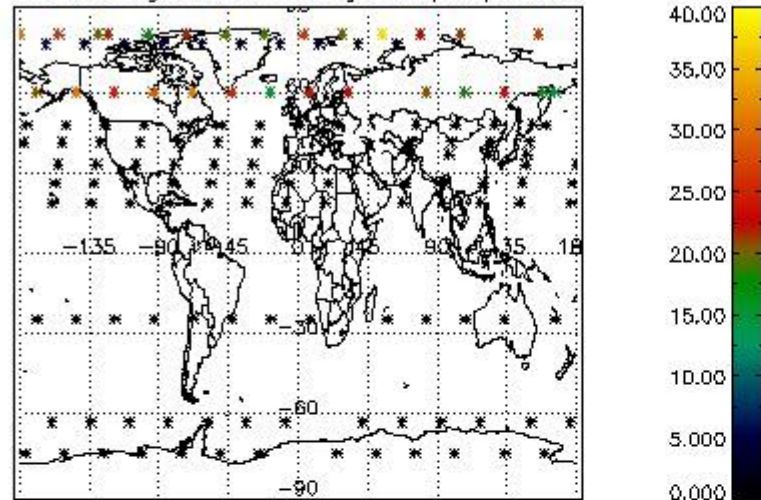


Percentage of saturation errors per profile

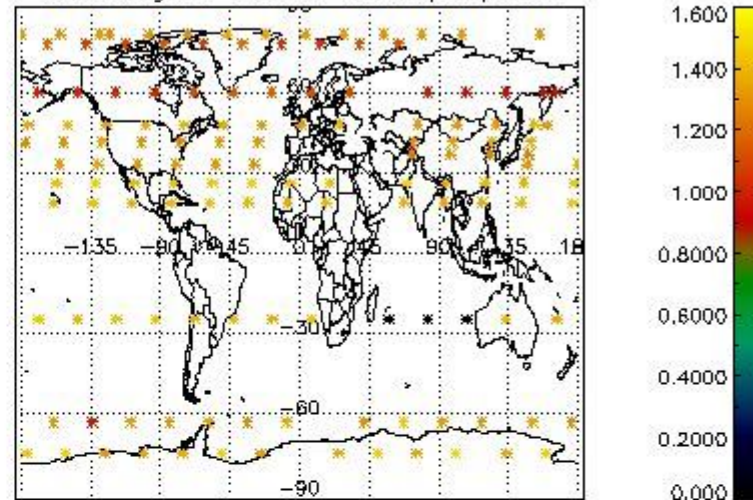


4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes

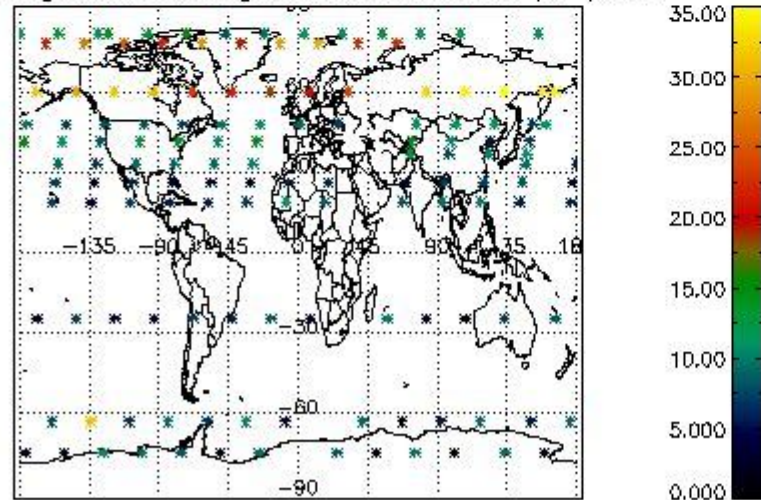
Percentage of cosmic ray hits per profile



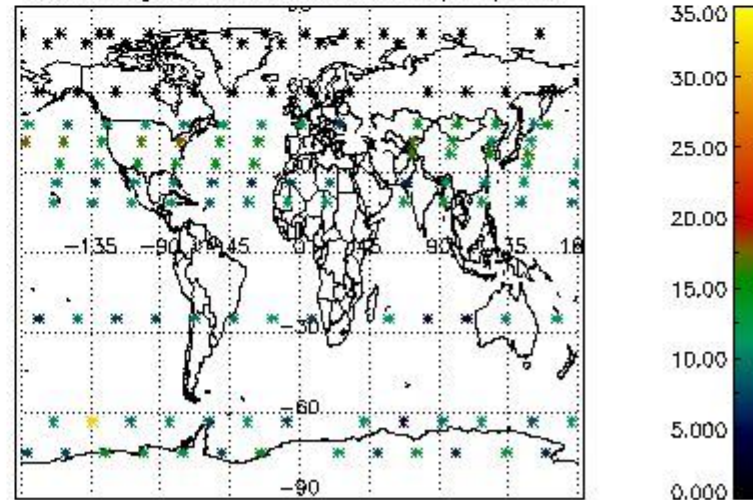
Percentage of datation errors per profile



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

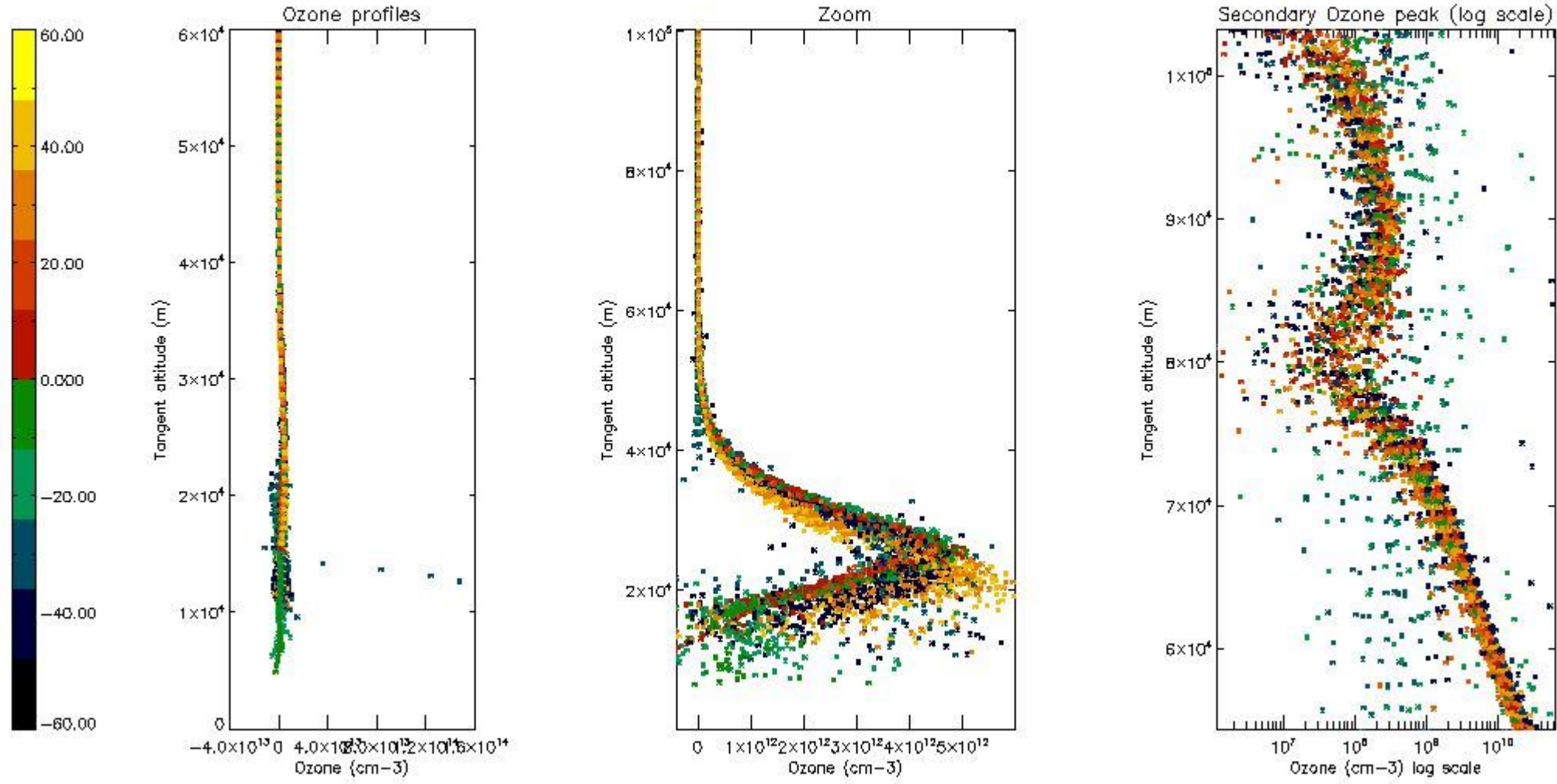
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	38
STD < 20	21

STD < 10	17
STD < 5	11

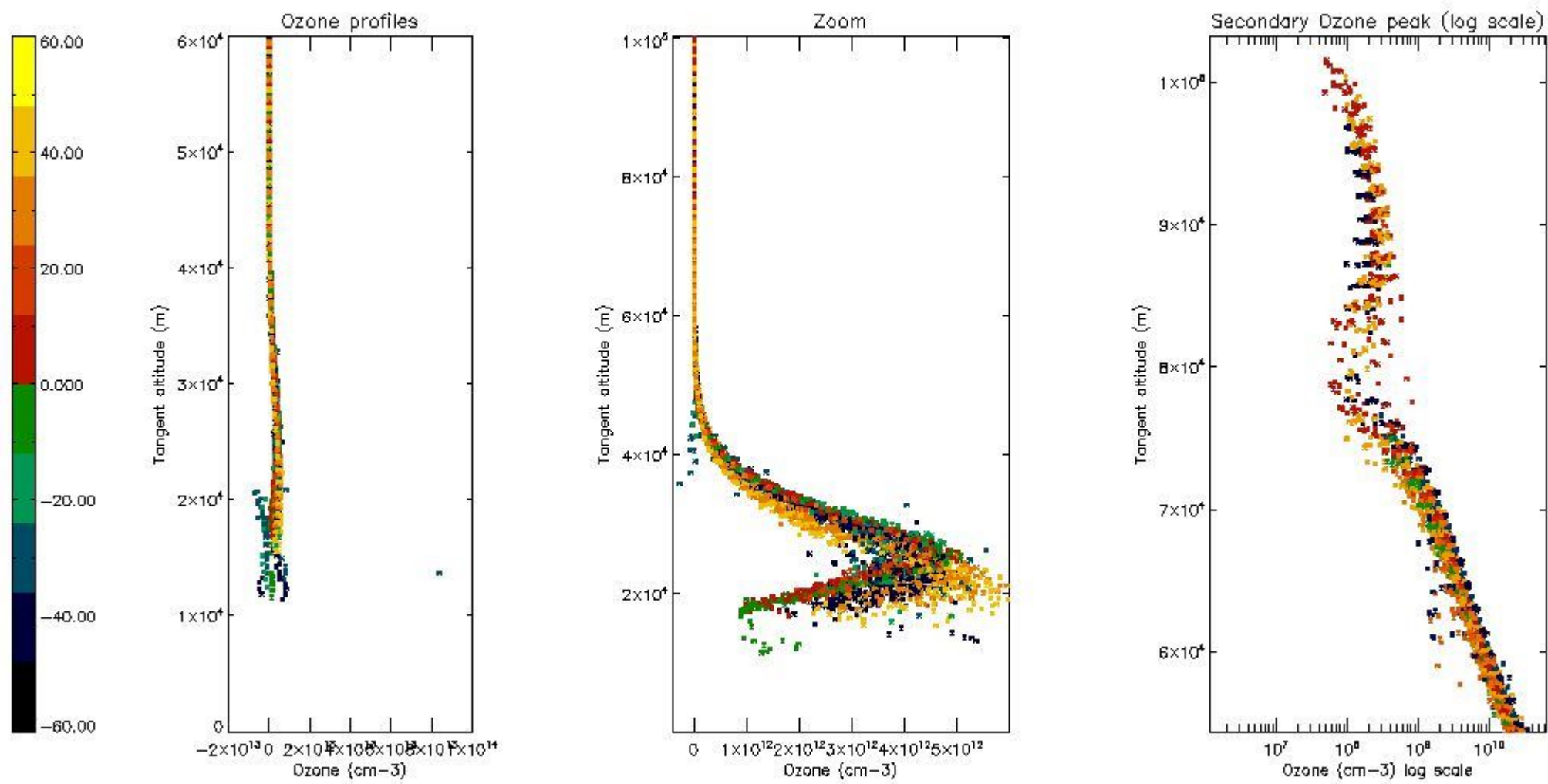
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



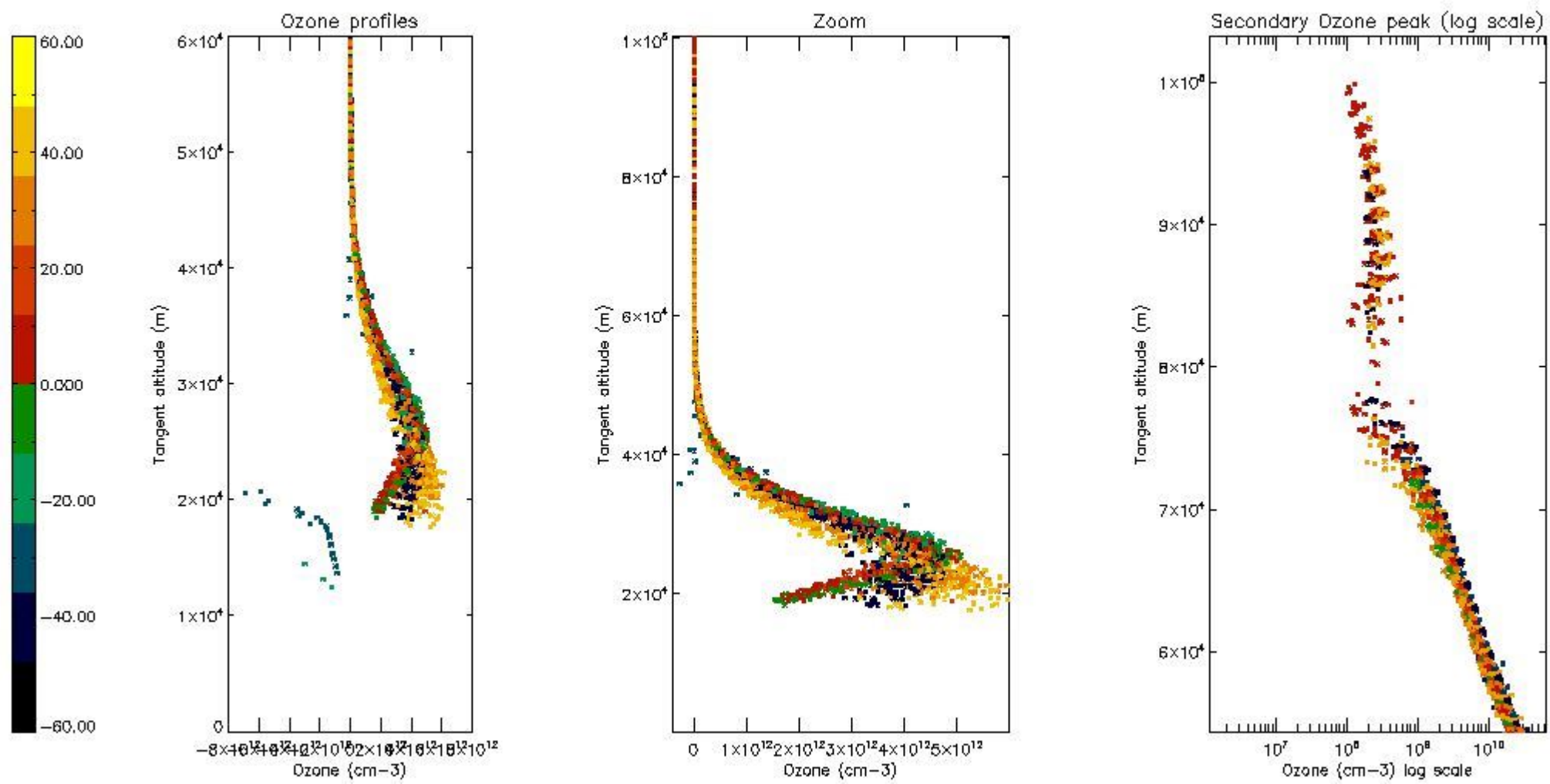
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



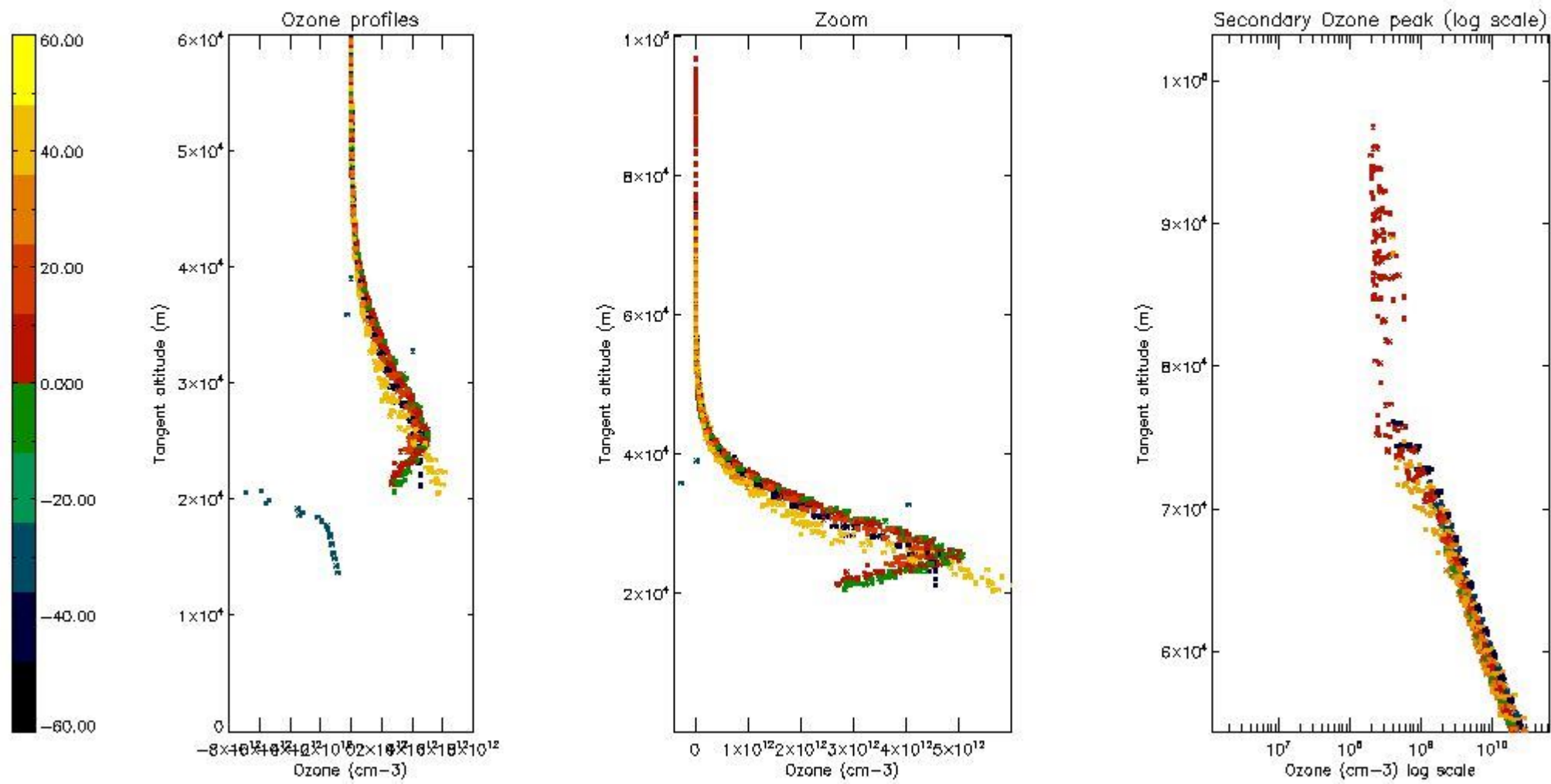
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



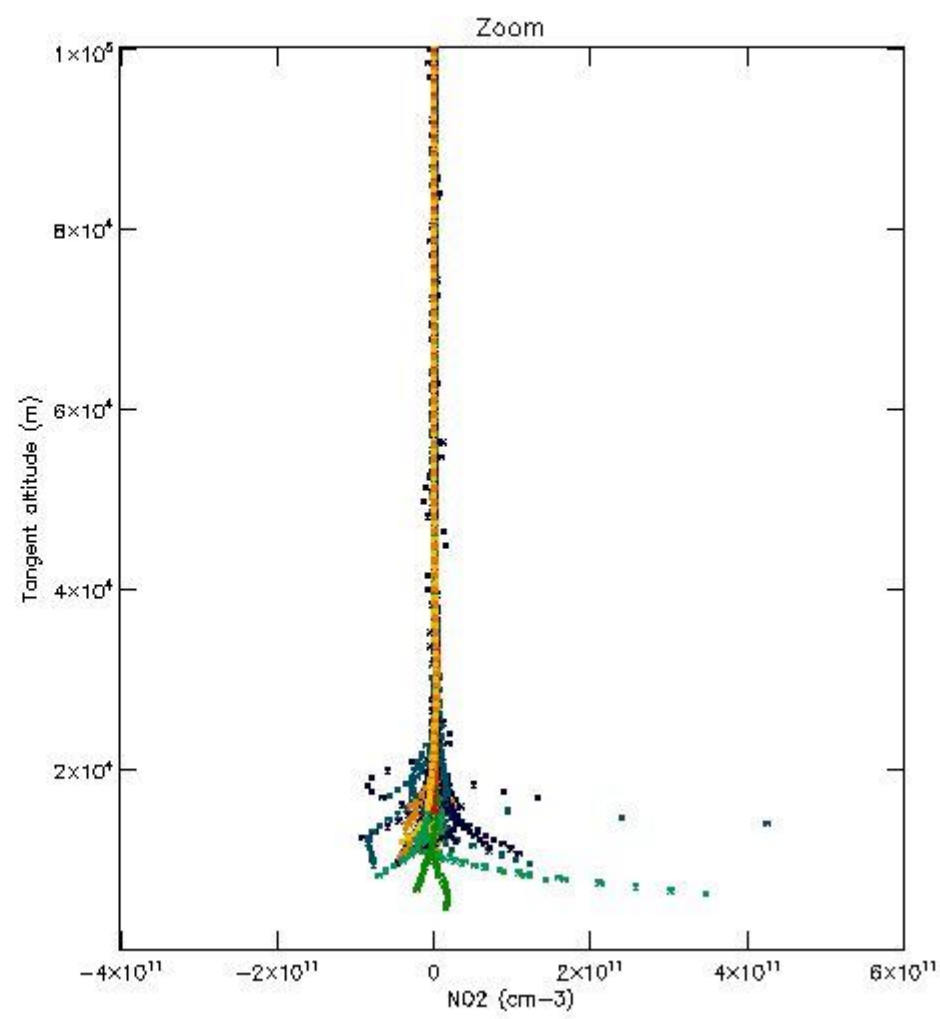
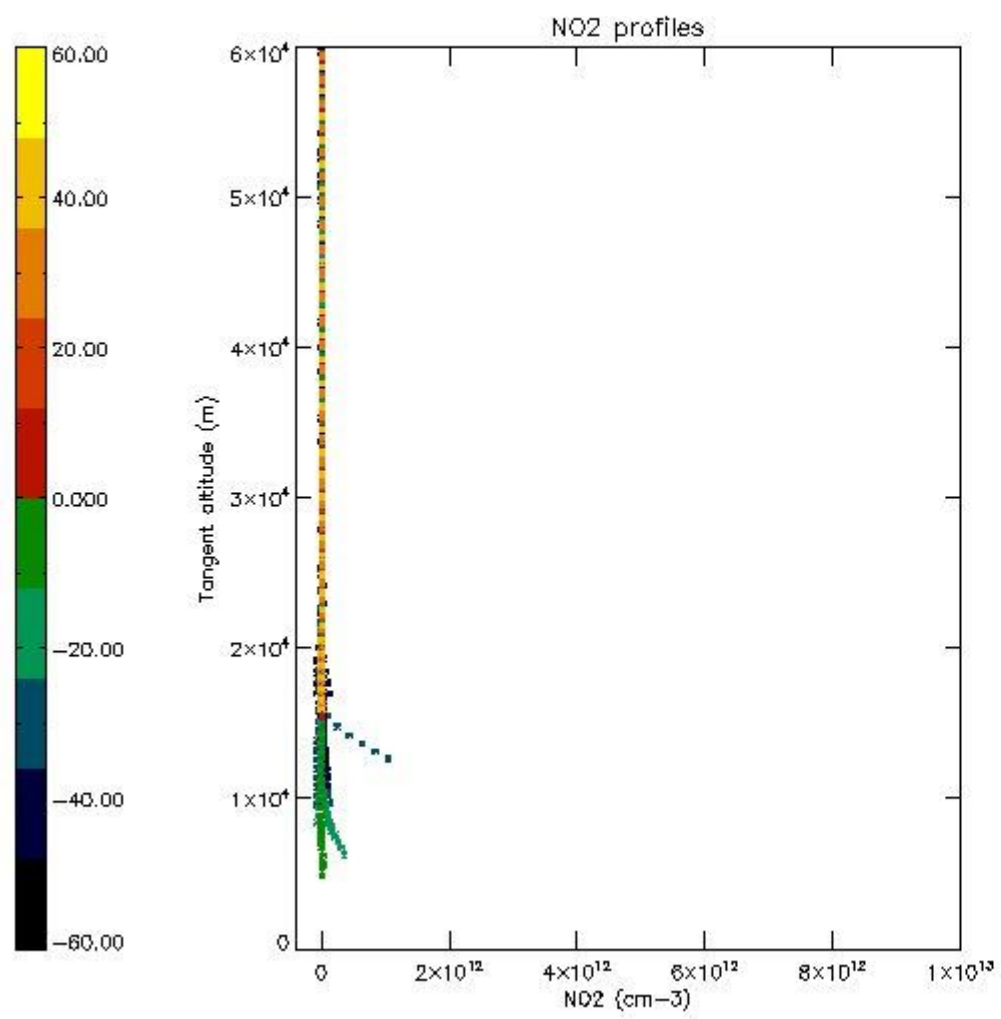
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



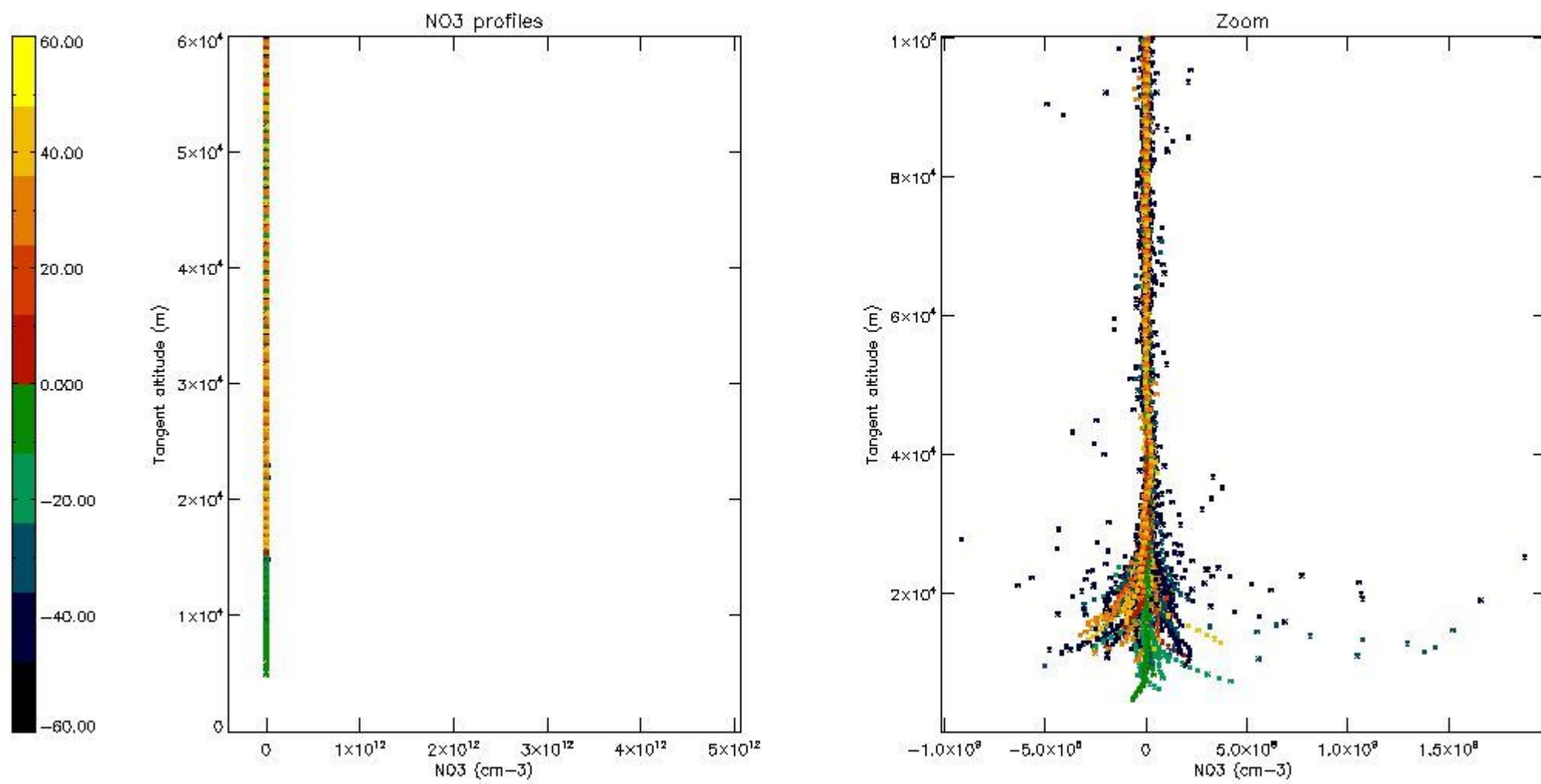
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



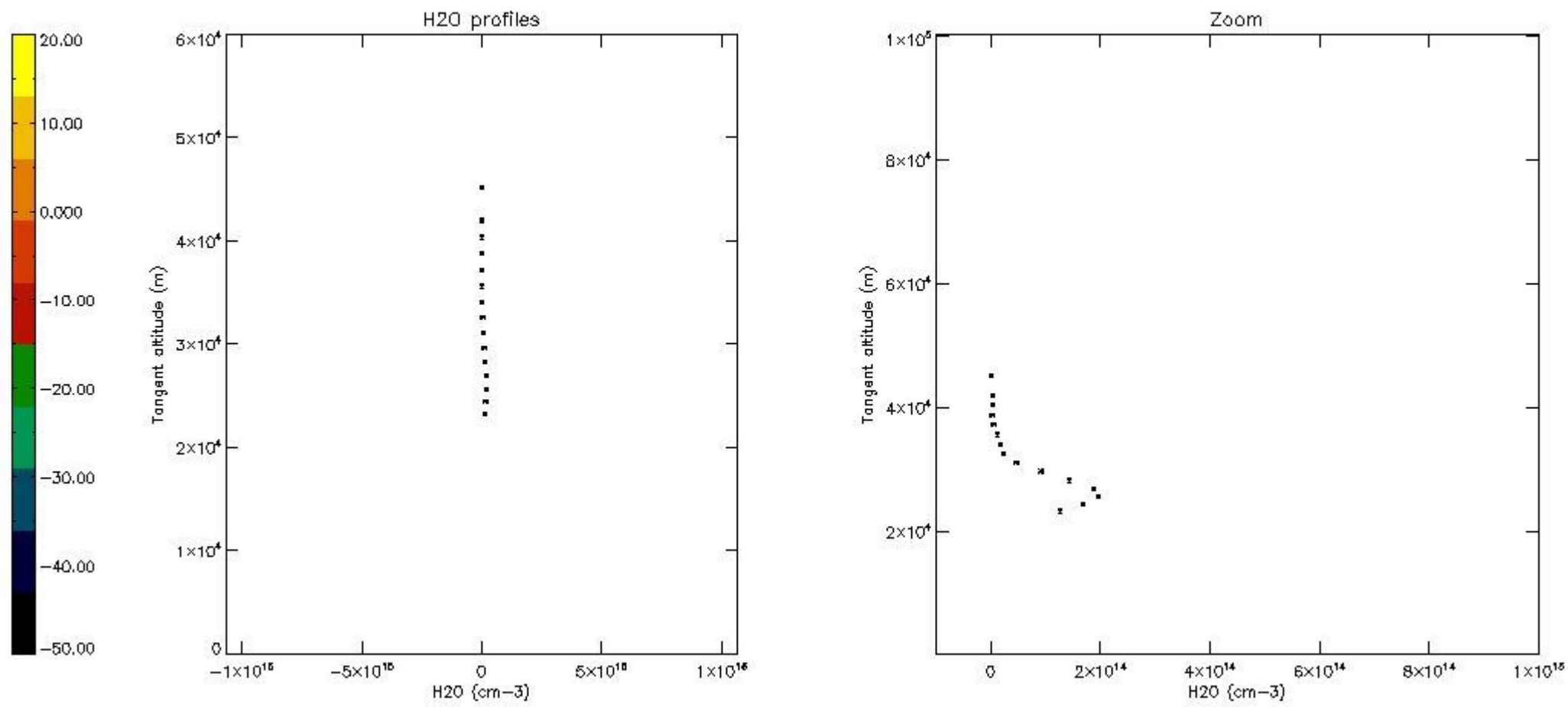
5.7 Plot NO3 profiles for all STD (dark without errors)

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	02-FEB-2008 00:02:22
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	02-FEB-2008 00:02:22
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	02-FEB-2008 00:02:22

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[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 09:54:50
Data source version	GOMOS/6.01
Start time of products	02-02-2008 (02FEB2008 00:00:00)
Stop time of products	03-02-2008 (03FEB2008 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	388
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__2PRFIN20080202_000222_000000452065_00360_30975_2569.N1	02-FEB-2008 00:02:22	Dark	45.000	12	Alp1Cru	0.77500	30000.	90	30975	No
2	GOM_NL__2PRFIN20080202_000552_000000392065_00360_30975_2570.N1	02-FEB-2008 00:05:52	Dark	39.000	29	Bet Car	1.6720	10200.	78	30975	No
3	GOM_NL__2PRFIN20080202_000814_000000392065_00360_30975_2571.N1	02-FEB-2008 00:08:14	Dark	39.000	71	lot Car	2.2460	7700.0	78	30975	No
4	GOM_NL__2PRFIN20080202_000959_000000422065_00360_30975_2572.N1	02-FEB-2008 00:09:59	Dark	41.500	46	Del Vel	1.9540	10600.	83	30975	No
5	GOM_NL__2PRFIN20080202_001230_000000382065_00360_30975_2573.N1	02-FEB-2008 00:12:30	Dark	37.500	34	Gam2Vel	1.7930	23000.	75	30975	No
6	GOM_NL__2PRFIN20080202_001435_000000412065_00360_30975_2574.N1	02-FEB-2008 00:14:35	Straylight	40.500	70	Zet Pup	2.2460	39000.	81	30975	No
7	GOM_NL__2PRFIN20080202_001557_000000422065_00360_30975_2575.N1	02-FEB-2008 00:15:57	Straylight	41.500	117	Pi Pup	2.7060	3800.0	83	30975	No
8	GOM_NL__2PRFIN20080202_001801_000000412065_00360_30975_2576.N1	02-FEB-2008 00:18:01	Straylight	41.000	88	31Eta CMa	2.4480	20000.	82	30975	No
9	GOM_NL__2PRFIN20080202_001946_000000382065_00360_30975_2577.N1	02-FEB-2008 00:19:46	Straylight	38.000	179	24Omi2CMa	3.0320	24000.	76	30975	No
10	GOM_NL__2PRFIN20080202_002741_000000532065_00360_30975_2578.N1	02-FEB-2008 00:27:41	Twilight	53.000	8	10Alp CMi	0.40000	6500.0	106	30975	No
11	GOM_NL__2PRFIN20080202_003109_000000362065_00360_30975_2579.N1	02-FEB-2008 00:31:09	Bright	36.000	44	24Gam Gem	1.9280	11000.	72	30975	No
12	GOM_NL__2PRFIN20080202_003259_000000362065_00360_30975_2580.N1	02-FEB-2008 00:32:59	Bright	36.000	151	13Mu Gem	2.8900	3000.0	72	30975	No
13	GOM_NL__2PRFIN20080202_003421_000000402065_00360_30975_2581.N1	02-FEB-2008 00:34:21	Bright	40.000	17	78Bet Gem	1.1610	4500.0	80	30975	No
14	GOM_NL__2PRFIN20080202_003523_000000382065_00360_30975_2582.N1	02-FEB-2008 00:35:23	Bright	38.000	24	66Alp Gem	1.5800	10200.	76	30975	No
15	GOM_NL__2PRFIN20080202_003717_000000362065_00360_30975_2583.N1	02-FEB-2008 00:37:17	Bright	36.000	107	37The Aur	2.6490	11000.	72	30975	No
16	GOM_NL__2PRFIN20080202_003922_000000362065_00360_30975_2584.N1	02-FEB-2008 00:39:22	Bright	35.500	42	34Bet Aur	1.9000	10200.	71	30975	No
17	GOM_NL__2PRFIN20080202_005136_000000362065_00360_30975_2585.N1	02-FEB-2008 00:51:36	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	30975	No
18	GOM_NL__2PRFIN20080202_010235_000000382065_00360_30975_2586.N1	02-FEB-2008 01:02:35	Bright	38.000	130	23Bet Dra	2.7990	5800.0	76	30975	No
19	GOM_NL__2PRFIN20080202_010614_000000342065_00360_30975_2587.N1	02-FEB-2008 01:06:14	Bright	33.500	5	3Alp Lyr	0.033000	11000.	67	30975	No
20	GOM_NL__2PRFIN20080202_011427_000000552065_00360_30975_2588.N1	02-FEB-2008 01:14:27	Bright	55.000	59	55Alp Oph	2.0800	8900.0	110	30975	No
21	GOM_NL__2PRFIN20080202_011636_000000542065_00360_30975_2589.N1	02-FEB-2008 01:16:36	Bright	53.500	126	60Bet Oph	2.7700	4250.0	107	30975	No
22	GOM_NL__2PRFIN20080202_012306_000000452065_00360_30975_2590.N1	02-FEB-2008 01:23:06	Twilight	45.000	86	35Eta Oph	2.4300	10200.	90	30975	No
23	GOM_NL__2PRFIN20080202_012547_000000412065_00360_30975_2591.N1	02-FEB-2008 01:25:47	Twilight	40.500	167	10Gam2Sgr	2.9840	4500.0	81	30975	No
24	GOM_NL__2PRFIN20080202_012808_000000382065_00360_30975_2592.N1	02-FEB-2008 01:28:08	Dark	38.000	25	35Lam Sco	1.6200	28000.	76	30975	No
25	GOM_NL__2PRFIN20080202_012936_000000412065_00360_30975_2593.N1	02-FEB-2008 01:29:36	Dark	40.500	40	The Sco	1.8590	7100.0	81	30975	No
26	GOM_NL__2PRFIN20080202_013129_000000372065_00360_30975_2594.N1	02-FEB-2008 01:31:29	Dark	37.000	147	Alp Ara	2.8770	26000.	74	30975	No
27	GOM_NL__2PRFIN20080202_013302_000000422065_00360_30975_2595.N1	02-FEB-2008 01:33:02	Dark	42.000	141	Bet Ara	2.8400	4600.0	84	30975	No
28	GOM_NL__2PRFIN20080202_013638_000000382065_00361_30976_2581.N1	02-FEB-2008 01:36:38	Dark	37.500	134	Bet TrA	2.8100	6600.0	75	30976	No
29	GOM_NL__2PRFIN20080202_013823_000000432065_00361_30976_2582.N1	02-FEB-2008 01:38:23	Dark	42.500	4	Alp1Cen	-0.010000	5800.0	85	30976	No
30	GOM_NL__2PRFIN20080202_014258_000000412065_00361_30976_2583.N1	02-FEB-2008 01:42:58	Dark	40.500	12	Alp1Cru	0.77500	30000.	81	30976	No
31	GOM_NL__2PRFIN20080202_014628_000000382065_00361_30976_2584.N1	02-FEB-2008 01:46:28	Dark	38.000	29	Bet Car	1.6720	10200.	76	30976	No
32	GOM_NL__2PRFIN20080202_014850_000000402065_00361_30976_2585.N1	02-FEB-2008 01:48:50	Dark	39.500	71	lot Car	2.2460	7700.0	79	30976	No
33	GOM_NL__2PRFIN20080202_015035_000000382065_00361_30976_2586.N1	02-FEB-2008 01:50:35	Dark	37.500	46	Del Vel	1.9540	10600.	75	30976	No
34	GOM_NL__2PRFIN20080202_015306_000000382065_00361_30976_2587.N1	02-FEB-2008 01:53:06	Dark	38.000	34	Gam2Vel	1.7930	23000.	76	30976	No
35	GOM_NL__2PRFIN20080202_015511_000000402065_00361_30976_2588.N1	02-FEB-2008 01:55:11	Straylight	39.500	70	Zet Pup	2.2460	39000.	79	30976	No
36	GOM_NL__2PRFIN20080202_015633_000000412065_00361_30976_2589.N1	02-FEB-2008 01:56:33	Straylight	41.000	117	Pi Pup	2.7060	3800.0	82	30976	No
37	GOM_NL__2PRFIN20080202_015837_000000392065_00361_30976_2590.N1	02-FEB-2008 01:58:37	Straylight	38.500	88	31Eta CMa	2.4480	20000.	77	30976	No
38	GOM_NL__2PRFIN20080202_020022_000000392065_00361_30976_2591.N1	02-FEB-2008 02:00:22	Straylight	38.500	179	24Omi2CMa	3.0320	24000.	77	30976	No
39	GOM_NL__2PRFIN20080202_020817_000000532065_00361_30976_2592.N1	02-FEB-2008 02:08:17	Twilight	53.000	8	10Alp CMi	0.40000	6500.0	106	30976	No
40	GOM_NL__2PRFIN20080202_021145_000000382065_00361_30976_2593.N1	02-FEB-2008 02:11:45	Bright	37.500	44	24Gam Gem	1.9280	11000.	75	30976	No
41	GOM_NL__2PRFIN20080202_021335_000000362065_00361_30976_2594.N1	02-FEB-2008 02:13:35	Bright	36.000	151	13Mu Gem	2.8900	3000.0	72	30976	No
42	GOM_NL__2PRFIN20080202_021456_000000402065_00361_30976_2595.N1	02-FEB-2008 02:14:56	Bright	39.500	17	78Bet Gem	1.1610	4500.0	79	30976	No

102	GOM_NL__2PRFIN20080202_060422_000000392065_00363_30978_2629.N1	02-FEB-2008 06:04:22	Bright	38.500	130	23Bet Dra	2.7990	5800.0	77	30978	No
103	GOM_NL__2PRFIN20080202_060802_000000372065_00363_30978_2630.N1	02-FEB-2008 06:08:02	Bright	36.500	5	3Alp Lyr	0.033000	11000.	73	30978	No
104	GOM_NL__2PRFIN20080202_061616_000000442065_00363_30978_2631.N1	02-FEB-2008 06:16:16	Bright	43.500	59	55Alp Oph	2.0800	8900.0	87	30978	No
105	GOM_NL__2PRFIN20080202_061825_000000542065_00363_30978_2632.N1	02-FEB-2008 06:18:25	Bright	54.000	126	60Bet Oph	2.7700	4250.0	108	30978	No
106	GOM_NL__2PRFIN20080202_062455_000000422065_00363_30978_2633.N1	02-FEB-2008 06:24:55	Twilight	42.000	86	35Eta Oph	2.4300	10200.	84	30978	No
107	GOM_NL__2PRFIN20080202_062735_000000432065_00363_30978_2634.N1	02-FEB-2008 06:27:35	Twilight	42.500	167	10Gam2Sgr	2.9840	4500.0	85	30978	No
108	GOM_NL__2PRFIN20080202_062957_000000402065_00363_30978_2635.N1	02-FEB-2008 06:29:57	Dark	39.500	25	35Lam Sco	1.6200	28000.	79	30978	No
109	GOM_NL__2PRFIN20080202_063124_000000422065_00363_30978_2636.N1	02-FEB-2008 06:31:24	Dark	42.000	40	The Sco	1.8590	7100.0	84	30978	No
110	GOM_NL__2PRFIN20080202_063317_000000382065_00363_30978_2637.N1	02-FEB-2008 06:33:17	Dark	38.000	147	Alp Ara	2.8770	26000.	76	30978	No
111	GOM_NL__2PRFIN20080202_063451_000000412065_00363_30978_2638.N1	02-FEB-2008 06:34:51	Dark	40.500	141	Bet Ara	2.8400	4600.0	81	30978	No
112	GOM_NL__2PRFIN20080202_081918_000000432065_00365_30980_2636.N1	02-FEB-2008 08:19:18	Dark	42.500	43	Alp TrA	1.9100	4250.0	85	30980	No
113	GOM_NL__2PRFIN20080202_082049_000000492065_00365_30980_2637.N1	02-FEB-2008 08:20:49	Dark	48.500	4	Alp1Cen	-0.010000	5800.0	97	30980	No
114	GOM_NL__2PRFIN20080202_082525_000000412065_00365_30980_2638.N1	02-FEB-2008 08:25:25	Dark	41.000	12	Alp1Cru	0.77500	30000.	82	30980	No
115	GOM_NL__2PRFIN20080202_082853_000000392065_00365_30980_2639.N1	02-FEB-2008 08:28:53	Dark	38.500	29	Bet Car	1.6720	10200.	77	30980	No
116	GOM_NL__2PRFIN20080202_083115_000000422065_00365_30980_2640.N1	02-FEB-2008 08:31:15	Dark	41.500	71	lot Car	2.2460	7700.0	83	30980	No
117	GOM_NL__2PRFIN20080202_083300_000000392065_00365_30980_2641.N1	02-FEB-2008 08:33:00	Dark	39.000	46	Del Vel	1.9540	10600.	78	30980	No
118	GOM_NL__2PRFIN20080202_083531_000000382065_00365_30980_2642.N1	02-FEB-2008 08:35:31	Dark	38.000	34	Gam2Vel	1.7930	23000.	76	30980	No
119	GOM_NL__2PRFIN20080202_083736_000000382065_00365_30980_2643.N1	02-FEB-2008 08:37:36	Straylight	38.000	70	Zet Pup	2.2460	39000.	76	30980	No
120	GOM_NL__2PRFIN20080202_083858_000000412065_00365_30980_2644.N1	02-FEB-2008 08:38:58	Straylight	41.000	117	Pi Pup	2.7060	3800.0	82	30980	No
121	GOM_NL__2PRFIN20080202_084124_000000422065_00365_30980_2645.N1	02-FEB-2008 08:41:24	Straylight	42.000	23	21Eps CMa	1.5020	26000.	84	30980	No
122	GOM_NL__2PRFIN20080202_084246_000000382065_00365_30980_2646.N1	02-FEB-2008 08:42:46	Straylight	37.500	179	24Omi2CMa	3.0320	24000.	75	30980	No
123	GOM_NL__2PRFIN20080202_084456_000000442065_00365_30980_2647.N1	02-FEB-2008 08:44:56	Straylight	44.000	1	9Alp CMa	-1.4400	11000.	88	30980	No
124	GOM_NL__2PRFIN20080202_085041_000000462065_00365_30980_2648.N1	02-FEB-2008 08:50:41	Twilight	46.000	8	10Alp CMi	0.40000	6500.0	92	30980	No
125	GOM_NL__2PRFIN20080202_085409_000000362065_00365_30980_2649.N1	02-FEB-2008 08:54:09	Bright	35.500	44	24Gam Gem	1.9280	11000.	71	30980	No
126	GOM_NL__2PRFIN20080202_090018_000000352065_00365_30980_2650.N1	02-FEB-2008 09:00:18	Bright	35.000	107	37The Aur	2.6490	11000.	70	30980	No
127	GOM_NL__2PRFIN20080202_090223_000000362065_00365_30980_2651.N1	02-FEB-2008 09:02:23	Bright	36.000	42	34Bet Aur	1.9000	10200.	72	30980	No
128	GOM_NL__2PRFIN20080202_091436_000000352065_00365_30980_2652.N1	02-FEB-2008 09:14:36	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	30980	No
129	GOM_NL__2PRFIN20080202_092534_000000372065_00365_30980_2653.N1	02-FEB-2008 09:25:34	Bright	36.500	130	23Bet Dra	2.7990	5800.0	73	30980	No
130	GOM_NL__2PRFIN20080202_092914_000000382065_00365_30980_2654.N1	02-FEB-2008 09:29:14	Bright	37.500	5	3Alp Lyr	0.033000	11000.	75	30980	No
131	GOM_NL__2PRFIN20080202_093554_000000332065_00365_30980_2655.N1	02-FEB-2008 09:35:54	Bright	32.500	168	17Zet Aql	2.9860	11000.	65	30980	No
132	GOM_NL__2PRFIN20080202_093729_000000552065_00365_30980_2656.N1	02-FEB-2008 09:37:29	Bright	55.000	59	55Alp Oph	2.0800	8900.0	110	30980	No
133	GOM_NL__2PRFIN20080202_093937_000000542065_00365_30980_2657.N1	02-FEB-2008 09:39:37	Bright	54.000	126	60Bet Oph	2.7700	4250.0	108	30980	No
134	GOM_NL__2PRFIN20080202_094608_000000432065_00365_30980_2658.N1	02-FEB-2008 09:46:08	Twilight	43.000	86	35Eta Oph	2.4300	10200.	86	30980	No
135	GOM_NL__2PRFIN20080202_094847_000000392065_00365_30980_2659.N1	02-FEB-2008 09:48:47	Twilight	39.000	167	10Gam2Sgr	2.9840	4500.0	78	30980	No
136	GOM_NL__2PRFIN20080202_095109_000000412065_00365_30980_2660.N1	02-FEB-2008 09:51:09	Dark	40.500	25	35Lam Sco	1.6200	28000.	81	30980	No
137	GOM_NL__2PRFIN20080202_095237_000000432065_00365_30980_2661.N1	02-FEB-2008 09:52:37	Dark	42.500	40	The Sco	1.8590	7100.0	85	30980	No
138	GOM_NL__2PRFIN20080202_095430_000000372065_00365_30980_2662.N1	02-FEB-2008 09:54:30	Dark	36.500	147	Alp Ara	2.8770	26000.	73	30980	No
139	GOM_NL__2PRFIN20080202_095603_000000402065_00365_30980_2663.N1	02-FEB-2008 09:56:03	Dark	39.500	141	Bet Ara	2.8400	4600.0	79	30980	No
140	GOM_NL__2PRFIN20080202_095955_000000412065_00366_30981_2653.N1	02-FEB-2008 09:59:55	Dark	41.000	43	Alp TrA	1.9100	4250.0	82	30981	No
141	GOM_NL__2PRFIN20080202_100125_000000422065_00366_30981_2654.N1	02-FEB-2008 10:01:25	Dark	41.500	4	Alp1Cen	-0.010000	5800.0	83	30981	No
142	GOM_NL__2PRFIN20080202_100601_000000462065_00366_30981_2655.N1	02-FEB-2008 10:06:01	Dark	46.000	12	Alp1Cru	0.77500	30000.	92	30981	No
143	GOM_NL__2PRFIN20080202_100929_000000382065_00366_30981_2656.N1	02-FEB-2008 10:09:29	Dark	37.500	29	Bet Car	1.6720	10200.	75	30981	No
144	GOM_NL__2PRFIN20080202_101151_000000392065_00366_30981_2657.N1	02-FEB-2008 10:11:51	Dark	39.000	71	lot Car	2.2460	7700.0	78	30981	No
145	GOM_NL__2PRFIN20080202_101336_000000382065_00366_30981_2658.N1	02-FEB-2008 10:13:36	Dark	38.000	46	Del Vel	1.9540	10600.	76	30981	No
146	GOM_NL__2PRFIN20080202_101607_000000382065_00366_30981_2659.N1	02-FEB-2008 10:16:07	Dark	37.500	34	Gam2Vel	1.7930	23000.	75	30981	No
147	GOM_NL__2PRFIN20080202_101812_000000392065_00366_30981_2660.N1	02-FEB-2008 10:18:12	Straylight	39.000	70	Zet Pup	2.2460	39000.	78	30981	No
148	GOM_NL__2PRFIN20080202_101933_000000452065_00366_30981_2661.N1	02-FEB-2008 10:19:33	Straylight	44.500	117	Pi Pup	2.7060	3800.0	89	30981	No
149	GOM_NL__2PRFIN20080202_102200_000000402065_00366_30981_2662.N1	02-FEB-2008 10:22:00	Straylight	40.000	23	21Eps CMa	1.5020	26000.	80	30981	No
150	GOM_NL__2PRFIN20080202_102322_000000382065_00366_30981_2663.N1	02-FEB-2008 10:23:22	Straylight	38.000	179	24Omi2CMa	3.0320	24000.	76	30981	No
151	GOM_NL__2PRFIN20080202_102532_000000452065_00366_30981_2664.N1	02-FEB-2008 10:25:32	Straylight	44.500	1	9Alp CMa	-1.4400	11000.	89	30981	No
152	GOM_NL__2PRFIN20080202_103117_000000442065_00366_30981_2665.N1	02-FEB-2008 10:31:17	Twilight	44.000	8	10Alp CMi	0.40000	6500.0	88	30981	No
153	GOM_NL__2PRFIN20080202_103445_000000382065_00366_30981_2666.N1	02-FEB-2008 10:34:45	Bright	37.500	44	24Gam Gem	1.9280	11000.	75	30981	No
154	GOM_NL__2PRFIN20080202_104055_000000352065_00366_30981_2667.N1	02-FEB-2008 10:40:55	Bright	35.000	107	37The Aur	2.6490	11000.	70	30981	No
155	GOM_NL__2PRFIN20080202_104259_000000372065_00366_30981_2668.N1	02-FEB-2008 10:42:59	Bright	37.000	42	34Bet Aur	1.9000	10200.	74	30981	No
156	GOM_NL__2PRFIN20080202_105511_000000372065_00366_30981_2669.N1	02-FEB-2008 10:55:11	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	30981	No
157	GOM_NL__2PRFIN20080202_110610_000000392065_00366_30981_2670.N1	02-FEB-2008 11:06:10	Bright	39.000	130	23Bet Dra	2.7990	5800.0	78	30981	No
158	GOM_NL__2PRFIN20080202_110950_000000342065_00366_30981_2671.N1	02-FEB-2008 11:09:50	Bright	34.000	5	3Alp Lyr	0.033000	11000.	68	30981	No
159	GOM_NL__2PRFIN20080202_111805_000000552065_00366_30981_2672.N1	02-FEB-2008 11:18:05	Bright	55.000	59	55Alp Oph	2.0800	8900.0	110	30981	No
160	GOM_NL__2PRFIN20080202_112013_000000382065_00366_30981_2673.N1	02-FEB-2008 11:20:13	Bright	38.000	126	60Bet Oph	2.7700	4250.0	76	30981	No

161	GOM_NL__2PRFIN20080202_112644_000000432065_00366_30981_2674.N1	02-FEB-2008 11:26:44	Twilight	43.000	86	35Eta Oph	2.4300	10200.	86	30981	No
162	GOM_NL__2PRFIN20080202_112924_000000382065_00366_30981_2675.N1	02-FEB-2008 11:29:24	Twilight	37.500	167	10Gam2Sgr	2.9840	4500.0	75	30981	No
163	GOM_NL__2PRFIN20080202_113145_000000412065_00366_30981_2676.N1	02-FEB-2008 11:31:45	Dark	41.000	25	35Lam Sco	1.6200	28000.	82	30981	No
164	GOM_NL__2PRFIN20080202_113313_000000452065_00366_30981_2677.N1	02-FEB-2008 11:33:13	Dark	45.000	40	The Sco	1.8590	7100.0	90	30981	No
165	GOM_NL__2PRFIN20080202_113506_000000362065_00366_30981_2678.N1	02-FEB-2008 11:35:06	Dark	36.000	147	Alp Ara	2.8770	26000.	72	30981	No
166	GOM_NL__2PRFIN20080202_113639_000000432065_00366_30981_2679.N1	02-FEB-2008 11:36:39	Dark	43.000	141	Bet Ara	2.8400	4600.0	86	30981	No
167	GOM_NL__2PRFIN20080202_114031_000000432065_00367_30982_2684.N1	02-FEB-2008 11:40:31	Dark	43.000	43	Alp TrA	1.9100	4250.0	86	30982	No
168	GOM_NL__2PRFIN20080202_114202_000000432065_00367_30982_2685.N1	02-FEB-2008 11:42:02	Dark	42.500	4	Alp1Cen	-0.010000	5800.0	85	30982	No
169	GOM_NL__2PRFIN20080202_114637_000000442065_00367_30982_2686.N1	02-FEB-2008 11:46:37	Dark	44.000	12	Alp1Cru	0.77500	30000.	88	30982	No
170	GOM_NL__2PRFIN20080202_115005_000000372065_00367_30982_2687.N1	02-FEB-2008 11:50:05	Dark	37.000	29	Bet Car	1.6720	10200.	74	30982	No
171	GOM_NL__2PRFIN20080202_115228_000000382065_00367_30982_2688.N1	02-FEB-2008 11:52:28	Dark	37.500	71	lot Car	2.2460	7700.0	75	30982	No
172	GOM_NL__2PRFIN20080202_115412_000000402065_00367_30982_2689.N1	02-FEB-2008 11:54:12	Dark	40.000	46	Del Vel	1.9540	10600.	80	30982	No
173	GOM_NL__2PRFIN20080202_115643_000000392065_00367_30982_2690.N1	02-FEB-2008 11:56:43	Dark	38.500	34	Gam2Vel	1.7930	23000.	77	30982	No
174	GOM_NL__2PRFIN20080202_115848_000000362065_00367_30982_2691.N1	02-FEB-2008 11:58:48	Straylight	35.500	70	Zet Pup	2.2460	39000.	71	30982	No
175	GOM_NL__2PRFIN20080202_120010_000000432065_00367_30982_2692.N1	02-FEB-2008 12:00:10	Straylight	43.000	117	Pi Pup	2.7060	3800.0	86	30982	No
176	GOM_NL__2PRFIN20080202_120236_000000422065_00367_30982_2693.N1	02-FEB-2008 12:02:36	Straylight	41.500	23	21Eps CMa	1.5020	26000.	83	30982	No
177	GOM_NL__2PRFIN20080202_120358_000000392065_00367_30982_2694.N1	02-FEB-2008 12:03:58	Straylight	38.500	179	24Omi2CMa	3.0320	24000.	77	30982	No
178	GOM_NL__2PRFIN20080202_120608_000000492065_00367_30982_2695.N1	02-FEB-2008 12:06:08	Straylight	48.500	1	9Alp CMa	-1.4400	11000.	97	30982	No
179	GOM_NL__2PRFIN20080202_121153_000000432065_00367_30982_2696.N1	02-FEB-2008 12:11:53	Twilight	43.000	8	10Alp CMi	0.40000	6500.0	86	30982	No
180	GOM_NL__2PRFIN20080202_121521_000000382065_00367_30982_2697.N1	02-FEB-2008 12:15:21	Bright	37.500	44	24Gam Gem	1.9280	11000.	75	30982	No
181	GOM_NL__2PRFIN20080202_121712_000000382065_00367_30982_2698.N1	02-FEB-2008 12:17:12	Bright	38.000	151	13Mu Gem	2.8900	3000.0	76	30982	No
182	GOM_NL__2PRFIN20080202_121934_000000392065_00367_30982_2699.N1	02-FEB-2008 12:19:34	Bright	38.500	24	66Alp Gem	1.5800	10200.	77	30982	No
183	GOM_NL__2PRFIN20080202_122131_000000342065_00367_30982_2700.N1	02-FEB-2008 12:21:31	Bright	34.000	107	37The Aur	2.6490	11000.	68	30982	No
184	GOM_NL__2PRFIN20080202_122335_000000362065_00367_30982_2701.N1	02-FEB-2008 12:23:35	Bright	35.500	42	34Bet Aur	1.9000	10200.	71	30982	No
185	GOM_NL__2PRFIN20080202_123547_000000362065_00367_30982_2702.N1	02-FEB-2008 12:35:47	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	30982	No
186	GOM_NL__2PRFIN20080202_124646_000000372065_00367_30982_2703.N1	02-FEB-2008 12:46:46	Bright	37.000	130	23Bet Dra	2.7990	5800.0	74	30982	No
187	GOM_NL__2PRFIN20080202_125026_000000372065_00367_30982_2704.N1	02-FEB-2008 12:50:26	Bright	36.500	5	3Alp Lyr	0.033000	11000.	73	30982	No
188	GOM_NL__2PRFIN20080202_125706_000000332065_00367_30982_2705.N1	02-FEB-2008 12:57:06	Bright	32.500	168	17Zet Aql	2.9860	11000.	65	30982	No
189	GOM_NL__2PRFIN20080202_125841_000000552065_00367_30982_2706.N1	02-FEB-2008 12:58:41	Bright	55.000	59	55Alp Oph	2.0800	8900.0	110	30982	No
190	GOM_NL__2PRFIN20080202_130049_000000372065_00367_30982_2707.N1	02-FEB-2008 13:00:49	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	30982	No
191	GOM_NL__2PRFIN20080202_130721_000000422065_00367_30982_2708.N1	02-FEB-2008 13:07:21	Twilight	42.000	86	35Eta Oph	2.4300	10200.	84	30982	No
192	GOM_NL__2PRFIN20080202_131000_000000412065_00367_30982_2709.N1	02-FEB-2008 13:10:00	Twilight	41.000	167	10Gam2Sgr	2.9840	4500.0	82	30982	No
193	GOM_NL__2PRFIN20080202_131222_000000392065_00367_30982_2710.N1	02-FEB-2008 13:12:22	Dark	38.500	25	35Lam Sco	1.6200	28000.	77	30982	No
194	GOM_NL__2PRFIN20080202_131349_000000442065_00367_30982_2711.N1	02-FEB-2008 13:13:49	Dark	43.500	40	The Sco	1.8590	7100.0	87	30982	No
195	GOM_NL__2PRFIN20080202_131542_000000382065_00367_30982_2712.N1	02-FEB-2008 13:15:42	Dark	37.500	147	Alp Ara	2.8770	26000.	75	30982	No
196	GOM_NL__2PRFIN20080202_131715_000000402065_00367_30982_2713.N1	02-FEB-2008 13:17:15	Dark	39.500	141	Bet Ara	2.8400	4600.0	79	30982	No
197	GOM_NL__2PRFIN20080202_132107_000000462065_00368_30983_2707.N1	02-FEB-2008 13:21:07	Dark	46.000	43	Alp TrA	1.9100	4250.0	92	30983	No
198	GOM_NL__2PRFIN20080202_132238_000000412065_00368_30983_2708.N1	02-FEB-2008 13:22:38	Dark	41.000	4	Alp1Cen	-0.010000	5800.0	82	30983	No
199	GOM_NL__2PRFIN20080202_132714_000000422065_00368_30983_2709.N1	02-FEB-2008 13:27:14	Dark	42.000	12	Alp1Cru	0.77500	30000.	84	30983	No
200	GOM_NL__2PRFIN20080202_133041_000000372065_00368_30983_2710.N1	02-FEB-2008 13:30:41	Dark	37.000	29	Bet Car	1.6720	10200.	74	30983	No
201	GOM_NL__2PRFIN20080202_133304_000000372065_00368_30983_2711.N1	02-FEB-2008 13:33:04	Dark	37.000	71	lot Car	2.2460	7700.0	74	30983	No
202	GOM_NL__2PRFIN20080202_133448_000000382065_00368_30983_2712.N1	02-FEB-2008 13:34:48	Dark	38.000	46	Del Vel	1.9540	10600.	76	30983	No
203	GOM_NL__2PRFIN20080202_133719_000000422065_00368_30983_2713.N1	02-FEB-2008 13:37:19	Dark	41.500	34	Gam2Vel	1.7930	23000.	83	30983	No
204	GOM_NL__2PRFIN20080202_133924_000000402065_00368_30983_2714.N1	02-FEB-2008 13:39:24	Straylight	39.500	70	Zet Pup	2.2460	39000.	79	30983	No
205	GOM_NL__2PRFIN20080202_134046_000000442065_00368_30983_2715.N1	02-FEB-2008 13:40:46	Straylight	44.000	117	Pi Pup	2.7060	3800.0	88	30983	No
206	GOM_NL__2PRFIN20080202_134312_000000402065_00368_30983_2716.N1	02-FEB-2008 13:43:12	Straylight	39.500	23	21Eps CMa	1.5020	26000.	79	30983	No
207	GOM_NL__2PRFIN20080202_134435_000000382065_00368_30983_2717.N1	02-FEB-2008 13:44:35	Straylight	37.500	179	24Omi2CMa	3.0320	24000.	75	30983	No
208	GOM_NL__2PRFIN20080202_134644_000000482065_00368_30983_2718.N1	02-FEB-2008 13:46:44	Straylight	48.000	1	9Alp CMa	-1.4400	11000.	96	30983	No
209	GOM_NL__2PRFIN20080202_135229_000000442065_00368_30983_2719.N1	02-FEB-2008 13:52:29	Twilight	44.000	8	10Alp CMi	0.40000	6500.0	88	30983	No
210	GOM_NL__2PRFIN20080202_135557_000000372065_00368_30983_2720.N1	02-FEB-2008 13:55:57	Bright	37.000	44	24Gam Gem	1.9280	11000.	74	30983	No
211	GOM_NL__2PRFIN20080202_135748_000000382065_00368_30983_2721.N1	02-FEB-2008 13:57:48	Bright	38.000	151	13Mu Gem	2.8900	3000.0	76	30983	No
212	GOM_NL__2PRFIN20080202_140010_000000382065_00368_30983_2722.N1	02-FEB-2008 14:00:10	Bright	38.000	24	66Alp Gem	1.5800	10200.	76	30983	No
213	GOM_NL__2PRFIN20080202_140207_000000352065_00368_30983_2723.N1	02-FEB-2008 14:02:07	Bright	34.500	107	37The Aur	2.6490	11000.	69	30983	No
214	GOM_NL__2PRFIN20080202_140411_000000352065_00368_30983_2724.N1	02-FEB-2008 14:04:11	Bright	35.000	42	34Bet Aur	1.9000	10200.	70	30983	No
215	GOM_NL__2PRFIN20080202_141623_000000362065_00368_30983_2725.N1	02-FEB-2008 14:16:23	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	30983	No
216	GOM_NL__2PRFIN20080202_142722_000000382065_00368_30983_2726.N1	02-FEB-2008 14:27:22	Bright	38.000	130	23Bet Dra	2.7990	5800.0	76	30983	No
217	GOM_NL__2PRFIN20080202_143102_000000372065_00368_30983_2727.N1	02-FEB-2008 14:31:02	Bright	37.000	5	3Alp Lyr	0.033000	11000.	74	30983	No
218	GOM_NL__2PRFIN20080202_143743_000000332065_00368_30983_2728.N1	02-FEB-2008 14:37:43	Bright	33.000	168	17Zet Aql	2.9860	11000.	66	30983	No
219	GOM_NL__2PRFIN20080202_143917_000000392065_00368_30983_2729.N1	02-FEB-2008 14:39:17	Bright	38.500	59	55Alp Oph	2.0800	8900.0	77	30983	No

220	GOM_NL__2PRFIN20080202_144126_000000472065_00368_30983_2730.N1	02-FEB-2008 14:41:26	Bright	46.500	126	60Bet Oph	2.7700	4250.0	93	30983	No
221	GOM_NL__2PRFIN20080202_144757_000000442065_00368_30983_2731.N1	02-FEB-2008 14:47:57	Twilight	44.000	86	35Eta Oph	2.4300	10200.	88	30983	No
222	GOM_NL__2PRFIN20080202_145036_000000402065_00368_30983_2732.N1	02-FEB-2008 14:50:36	Twilight	39.500	167	10Gam2Sgr	2.9840	4500.0	79	30983	No
223	GOM_NL__2PRFIN20080202_145258_000000402065_00368_30983_2733.N1	02-FEB-2008 14:52:58	Dark	40.000	25	35Lam Sco	1.6200	28000.	80	30983	No
224	GOM_NL__2PRFIN20080202_145425_000000402065_00368_30983_2734.N1	02-FEB-2008 14:54:25	Dark	40.000	40	The Sco	1.8590	7100.0	80	30983	No
225	GOM_NL__2PRFIN20080202_145618_000000372065_00368_30983_2735.N1	02-FEB-2008 14:56:18	Dark	36.500	147	Alp Ara	2.8770	26000.	73	30983	No
226	GOM_NL__2PRFIN20080202_145751_000000362065_00368_30983_2736.N1	02-FEB-2008 14:57:51	Dark	36.000	141	Bet Ara	2.8400	4600.0	72	30983	No
227	GOM_NL__2PRFIN20080202_150143_000000392065_00369_30984_2719.N1	02-FEB-2008 15:01:43	Dark	39.000	43	Alp TrA	1.9100	4250.0	78	30984	No
228	GOM_NL__2PRFIN20080202_150315_000000422065_00369_30984_2720.N1	02-FEB-2008 15:03:15	Dark	41.500	4	Alp1Cen	-0.010000	5800.0	83	30984	No
229	GOM_NL__2PRFIN20080202_150750_000000412065_00369_30984_2721.N1	02-FEB-2008 15:07:50	Dark	40.500	12	Alp1Cru	0.77500	30000.	81	30984	No
230	GOM_NL__2PRFIN20080202_151117_000000412065_00369_30984_2722.N1	02-FEB-2008 15:11:17	Dark	41.000	29	Bet Car	1.6720	10200.	82	30984	No
231	GOM_NL__2PRFIN20080202_151340_000000382065_00369_30984_2723.N1	02-FEB-2008 15:13:40	Dark	37.500	71	lot Car	2.2460	7700.0	75	30984	No
232	GOM_NL__2PRFIN20080202_151524_000000392065_00369_30984_2724.N1	02-FEB-2008 15:15:24	Dark	38.500	46	Del Vel	1.9540	10600.	77	30984	No
233	GOM_NL__2PRFIN20080202_151755_000000422065_00369_30984_2725.N1	02-FEB-2008 15:17:55	Dark	41.500	34	Gam2Vel	1.7930	23000.	83	30984	No
234	GOM_NL__2PRFIN20080202_152000_000000412065_00369_30984_2726.N1	02-FEB-2008 15:20:00	Straylight	41.000	70	Zet Pup	2.2460	39000.	82	30984	No
235	GOM_NL__2PRFIN20080202_152122_000000432065_00369_30984_2727.N1	02-FEB-2008 15:21:22	Straylight	43.000	117	Pi Pup	2.7060	3800.0	86	30984	No
236	GOM_NL__2PRFIN20080202_152348_000000372065_00369_30984_2728.N1	02-FEB-2008 15:23:48	Straylight	36.500	23	21Eps CMa	1.5020	26000.	73	30984	No
237	GOM_NL__2PRFIN20080202_152511_000000382065_00369_30984_2729.N1	02-FEB-2008 15:25:11	Straylight	38.000	179	24Omi2CMa	3.0320	24000.	76	30984	No
238	GOM_NL__2PRFIN20080202_152720_000000422065_00369_30984_2730.N1	02-FEB-2008 15:27:20	Straylight	41.500	1	9Alp CMa	-1.4400	11000.	83	30984	No
239	GOM_NL__2PRFIN20080202_153305_000000452065_00369_30984_2731.N1	02-FEB-2008 15:33:05	Twilight	45.000	8	10Alp CMi	0.40000	6500.0	90	30984	No
240	GOM_NL__2PRFIN20080202_153633_000000362065_00369_30984_2732.N1	02-FEB-2008 15:36:33	Bright	36.000	44	24Gam Gem	1.9280	11000.	72	30984	No
241	GOM_NL__2PRFIN20080202_153824_000000392065_00369_30984_2733.N1	02-FEB-2008 15:38:24	Bright	39.000	151	13Mu Gem	2.8900	3000.0	78	30984	No
242	GOM_NL__2PRFIN20080202_154046_000000382065_00369_30984_2734.N1	02-FEB-2008 15:40:46	Bright	38.000	24	66Alp Gem	1.5800	10200.	76	30984	No
243	GOM_NL__2PRFIN20080202_154243_000000352065_00369_30984_2735.N1	02-FEB-2008 15:42:43	Bright	35.000	107	37The Aur	2.6490	11000.	70	30984	No
244	GOM_NL__2PRFIN20080202_154447_000000362065_00369_30984_2736.N1	02-FEB-2008 15:44:47	Bright	35.500	42	34Bet Aur	1.9000	10200.	71	30984	No
245	GOM_NL__2PRFIN20080202_155659_000000352065_00369_30984_2737.N1	02-FEB-2008 15:56:59	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	30984	No
246	GOM_NL__2PRFIN20080202_160758_000000382065_00369_30984_2738.N1	02-FEB-2008 16:07:58	Bright	37.500	130	23Bet Dra	2.7990	5800.0	75	30984	No
247	GOM_NL__2PRFIN20080202_161138_000000382065_00369_30984_2739.N1	02-FEB-2008 16:11:38	Bright	38.000	5	3Alp Lyr	0.033000	11000.	76	30984	No
248	GOM_NL__2PRFIN20080202_161819_000000332065_00369_30984_2740.N1	02-FEB-2008 16:18:19	Bright	33.000	168	17Zet Aql	2.9860	11000.	66	30984	No
249	GOM_NL__2PRFIN20080202_161953_000000382065_00369_30984_2741.N1	02-FEB-2008 16:19:53	Bright	38.000	59	55Alp Oph	2.0800	8900.0	76	30984	No
250	GOM_NL__2PRFIN20080202_162202_000000382065_00369_30984_2742.N1	02-FEB-2008 16:22:02	Bright	38.000	126	60Bet Oph	2.7700	4250.0	76	30984	No
251	GOM_NL__2PRFIN20080202_162834_000000422065_00369_30984_2743.N1	02-FEB-2008 16:28:34	Twilight	41.500	86	35Eta Oph	2.4300	10200.	83	30984	No
252	GOM_NL__2PRFIN20080202_163112_000000422065_00369_30984_2744.N1	02-FEB-2008 16:31:12	Twilight	42.000	167	10Gam2Sgr	2.9840	4500.0	84	30984	No
253	GOM_NL__2PRFIN20080202_163334_000000382065_00369_30984_2745.N1	02-FEB-2008 16:33:34	Dark	38.000	25	35Lam Sco	1.6200	28000.	76	30984	No
254	GOM_NL__2PRFIN20080202_163502_000000442065_00369_30984_2746.N1	02-FEB-2008 16:35:02	Dark	44.000	40	The Sco	1.8590	7100.0	88	30984	No
255	GOM_NL__2PRFIN20080202_163655_000000382065_00369_30984_2747.N1	02-FEB-2008 16:36:55	Dark	37.500	147	Alp Ara	2.8770	26000.	75	30984	No
256	GOM_NL__2PRFIN20080202_163828_000000372065_00369_30984_2748.N1	02-FEB-2008 16:38:28	Dark	37.000	141	Bet Ara	2.8400	4600.0	74	30984	No
257	GOM_NL__2PRFIN20080202_164219_000000442065_00370_30985_2735.N1	02-FEB-2008 16:42:19	Dark	43.500	43	Alp TrA	1.9100	4250.0	87	30985	No
258	GOM_NL__2PRFIN20080202_164351_000000422065_00370_30985_2736.N1	02-FEB-2008 16:43:51	Dark	42.000	4	Alp1Cen	-0.010000	5800.0	84	30985	No
259	GOM_NL__2PRFIN20080202_164827_000000402065_00370_30985_2737.N1	02-FEB-2008 16:48:27	Dark	40.000	12	Alp1Cru	0.77500	30000.	80	30985	No
260	GOM_NL__2PRFIN20080202_165153_000000382065_00370_30985_2738.N1	02-FEB-2008 16:51:53	Dark	37.500	29	Bet Car	1.6720	10200.	75	30985	No
261	GOM_NL__2PRFIN20080202_165416_000000382065_00370_30985_2739.N1	02-FEB-2008 16:54:16	Dark	38.000	71	lot Car	2.2460	7700.0	76	30985	No
262	GOM_NL__2PRFIN20080202_165601_000000452065_00370_30985_2740.N1	02-FEB-2008 16:56:01	Dark	44.500	46	Del Vel	1.9540	10600.	89	30985	No
263	GOM_NL__2PRFIN20080202_165831_000000432065_00370_30985_2741.N1	02-FEB-2008 16:58:31	Dark	42.500	34	Gam2Vel	1.7930	23000.	85	30985	No
264	GOM_NL__2PRFIN20080202_170036_000000412065_00370_30985_2742.N1	02-FEB-2008 17:00:36	Straylight	41.000	70	Zet Pup	2.2460	39000.	82	30985	No
265	GOM_NL__2PRFIN20080202_170158_000000442065_00370_30985_2743.N1	02-FEB-2008 17:01:58	Straylight	43.500	117	Pi Pup	2.7060	3800.0	87	30985	No
266	GOM_NL__2PRFIN20080202_170424_000000402065_00370_30985_2744.N1	02-FEB-2008 17:04:24	Straylight	39.500	23	21Eps CMa	1.5020	26000.	79	30985	No
267	GOM_NL__2PRFIN20080202_170547_000000372065_00370_30985_2745.N1	02-FEB-2008 17:05:47	Straylight	37.000	179	24Omi2CMa	3.0320	24000.	74	30985	No
268	GOM_NL__2PRFIN20080202_170756_000000482065_00370_30985_2746.N1	02-FEB-2008 17:07:56	Straylight	47.500	1	9Alp CMa	-1.4400	11000.	95	30985	No
269	GOM_NL__2PRFIN20080202_171341_000000512065_00370_30985_2747.N1	02-FEB-2008 17:13:41	Twilight	50.500	8	10Alp CMi	0.40000	6500.0	101	30985	No
270	GOM_NL__2PRFIN20080202_171709_000000372065_00370_30985_2748.N1	02-FEB-2008 17:17:09	Bright	36.500	44	24Gam Gem	1.9280	11000.	73	30985	No
271	GOM_NL__2PRFIN20080202_171900_000000392065_00370_30985_2749.N1	02-FEB-2008 17:19:00	Bright	38.500	151	13Mu Gem	2.8900	3000.0	77	30985	No
272	GOM_NL__2PRFIN20080202_172122_000000382065_00370_30985_2750.N1	02-FEB-2008 17:21:22	Bright	38.000	24	66Alp Gem	1.5800	10200.	76	30985	No
273	GOM_NL__2PRFIN20080202_172319_000000362065_00370_30985_2751.N1	02-FEB-2008 17:23:19	Bright	35.500	107	37The Aur	2.6490	11000.	71	30985	No
274	GOM_NL__2PRFIN20080202_172524_000000362065_00370_30985_2752.N1	02-FEB-2008 17:25:24	Bright	36.000	42	34Bet Aur	1.9000	10200.	72	30985	No
275	GOM_NL__2PRFIN20080202_173735_000000352065_00370_30985_2753.N1	02-FEB-2008 17:37:35	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	30985	No
276	GOM_NL__2PRFIN20080202_174834_000000512065_00370_30985_2754.N1	02-FEB-2008 17:48:34	Bright	51.000	130	23Bet Dra	2.7990	5800.0	102	30985	No
277	GOM_NL__2PRFIN20080202_175214_000000342065_00370_30985_2755.N1	02-FEB-2008 17:52:14	Bright	34.000	5	3Alp Lyr	0.033000	11000.	68	30985	No
278	GOM_NL__2PRFIN20080202_175855_000000332065_00370_30985_2756.N1	02-FEB-2008 17:58:55	Bright	32.500	168	17Zet Aql	2.9860	11000.	65	30985	No

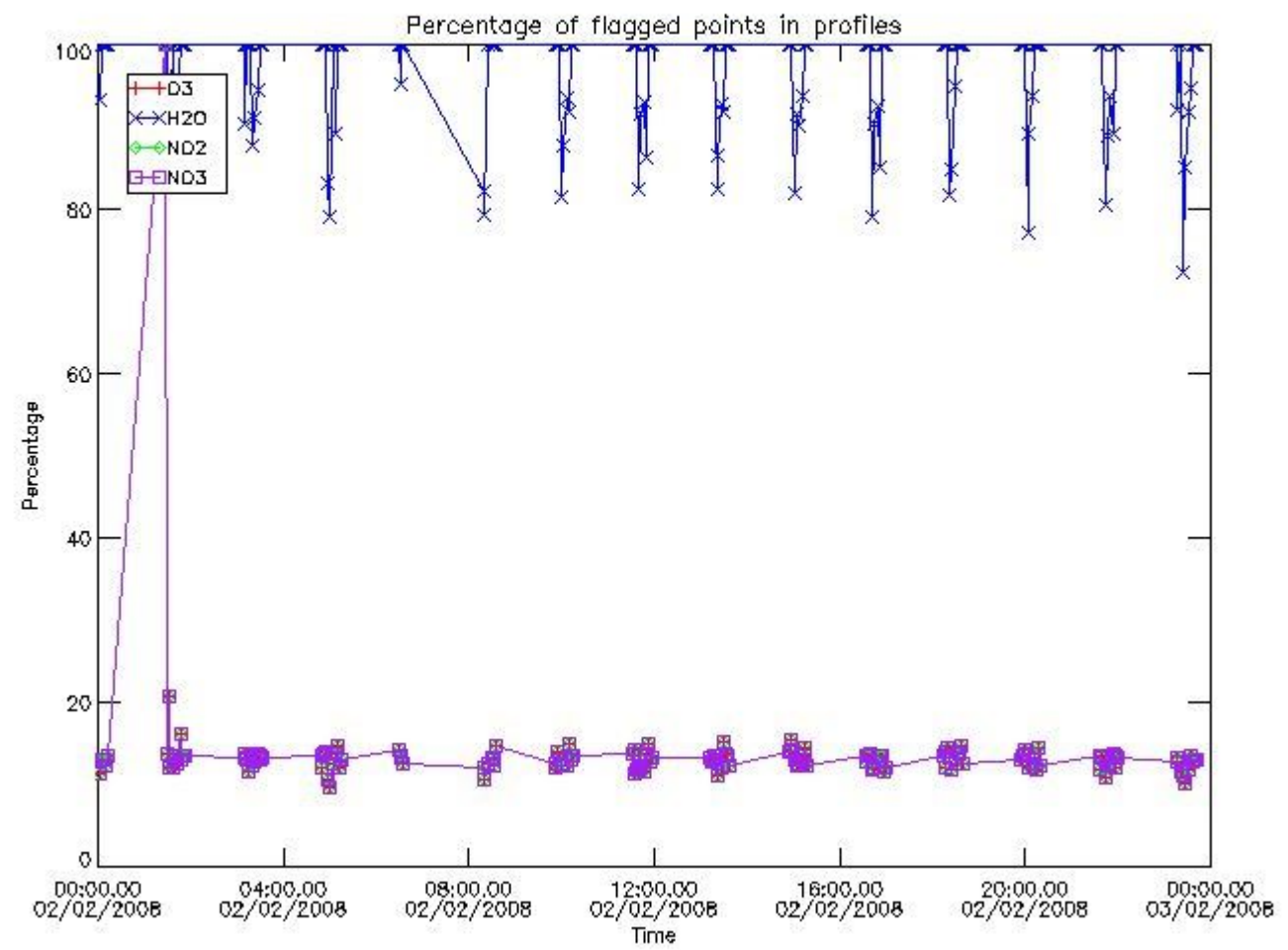
279	GOM_NL__2PRFIN20080202_180030_000000372065_00370_30985_2757.N1	02-FEB-2008 18:00:30	Bright	37.000	59	55Alp Oph	2.0800	8900.0	74	30985	No
280	GOM_NL__2PRFIN20080202_180238_000000542065_00370_30985_2758.N1	02-FEB-2008 18:02:38	Bright	54.000	126	60Bet Oph	2.7700	4250.0	108	30985	No
281	GOM_NL__2PRFIN20080202_180910_000000462065_00370_30985_2759.N1	02-FEB-2008 18:09:10	Twilight	45.500	86	35Eta Oph	2.4300	10200.	91	30985	No
282	GOM_NL__2PRFIN20080202_181148_000000402065_00370_30985_2760.N1	02-FEB-2008 18:11:48	Twilight	39.500	167	10Gam2Sgr	2.9840	4500.0	79	30985	No
283	GOM_NL__2PRFIN20080202_181411_000000382065_00370_30985_2761.N1	02-FEB-2008 18:14:11	Dark	38.000	25	35Lam Sco	1.6200	28000.	76	30985	No
284	GOM_NL__2PRFIN20080202_181538_000000422065_00370_30985_2762.N1	02-FEB-2008 18:15:38	Dark	42.000	40	The Sco	1.8590	7100.0	84	30985	No
285	GOM_NL__2PRFIN20080202_181731_000000372065_00370_30985_2763.N1	02-FEB-2008 18:17:31	Dark	36.500	147	Alp Ara	2.8770	26000.	73	30985	No
286	GOM_NL__2PRFIN20080202_181904_000000392065_00370_30985_2764.N1	02-FEB-2008 18:19:04	Dark	38.500	141	Bet Ara	2.8400	4600.0	77	30985	No
287	GOM_NL__2PRFIN20080202_182255_000000392065_00371_30986_2752.N1	02-FEB-2008 18:22:55	Dark	38.500	43	Alp TrA	1.9100	4250.0	77	30986	No
288	GOM_NL__2PRFIN20080202_182428_000000432065_00371_30986_2753.N1	02-FEB-2008 18:24:28	Dark	43.000	4	Alp1Cen	-0.010000	5800.0	86	30986	No
289	GOM_NL__2PRFIN20080202_182903_000000412065_00371_30986_2754.N1	02-FEB-2008 18:29:03	Dark	40.500	12	Alp1Cru	0.77500	30000.	81	30986	No
290	GOM_NL__2PRFIN20080202_183230_000000372065_00371_30986_2755.N1	02-FEB-2008 18:32:30	Dark	36.500	29	Bet Car	1.6720	10200.	73	30986	No
291	GOM_NL__2PRFIN20080202_183453_000000372065_00371_30986_2756.N1	02-FEB-2008 18:34:53	Dark	37.000	71	lot Car	2.2460	7700.0	74	30986	No
292	GOM_NL__2PRFIN20080202_183637_000000382065_00371_30986_2757.N1	02-FEB-2008 18:36:37	Dark	38.000	46	Del Vel	1.9540	10600.	76	30986	No
293	GOM_NL__2PRFIN20080202_183908_000000412065_00371_30986_2758.N1	02-FEB-2008 18:39:08	Dark	41.000	34	Gam2Vel	1.7930	23000.	82	30986	No
294	GOM_NL__2PRFIN20080202_184113_000000412065_00371_30986_2759.N1	02-FEB-2008 18:41:13	Straylight	40.500	70	Zet Pup	2.2460	39000.	81	30986	No
295	GOM_NL__2PRFIN20080202_184234_000000432065_00371_30986_2760.N1	02-FEB-2008 18:42:34	Straylight	42.500	117	Pi Pup	2.7060	3800.0	85	30986	No
296	GOM_NL__2PRFIN20080202_184500_000000412065_00371_30986_2761.N1	02-FEB-2008 18:45:00	Straylight	40.500	23	21Eps CMa	1.5020	26000.	81	30986	No
297	GOM_NL__2PRFIN20080202_184623_000000372065_00371_30986_2762.N1	02-FEB-2008 18:46:23	Straylight	36.500	179	24Omi2CMa	3.0320	24000.	73	30986	No
298	GOM_NL__2PRFIN20080202_184832_000000442065_00371_30986_2763.N1	02-FEB-2008 18:48:32	Straylight	43.500	1	9Alp CMa	-1.4400	11000.	87	30986	No
299	GOM_NL__2PRFIN20080202_185417_000000512065_00371_30986_2764.N1	02-FEB-2008 18:54:17	Twilight	50.500	8	10Alp CMi	0.40000	6500.0	101	30986	No
300	GOM_NL__2PRFIN20080202_185746_000000372065_00371_30986_2765.N1	02-FEB-2008 18:57:46	Bright	36.500	44	24Gam Gem	1.9280	11000.	73	30986	No
301	GOM_NL__2PRFIN20080202_185936_000000372065_00371_30986_2766.N1	02-FEB-2008 18:59:36	Bright	37.000	151	13Mu Gem	2.8900	3000.0	74	30986	No
302	GOM_NL__2PRFIN20080202_190157_000000372065_00371_30986_2767.N1	02-FEB-2008 19:01:57	Bright	37.000	24	66Alp Gem	1.5800	10200.	74	30986	No
303	GOM_NL__2PRFIN20080202_190355_000000342065_00371_30986_2768.N1	02-FEB-2008 19:03:55	Bright	34.000	107	37The Aur	2.6490	11000.	68	30986	No
304	GOM_NL__2PRFIN20080202_190600_000000352065_00371_30986_2769.N1	02-FEB-2008 19:06:00	Bright	35.000	42	34Bet Aur	1.9000	10200.	70	30986	No
305	GOM_NL__2PRFIN20080202_191811_000000362065_00371_30986_2770.N1	02-FEB-2008 19:18:11	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	30986	No
306	GOM_NL__2PRFIN20080202_192910_000000382065_00371_30986_2771.N1	02-FEB-2008 19:29:10	Bright	38.000	130	23Bet Dra	2.7990	5800.0	76	30986	No
307	GOM_NL__2PRFIN20080202_193250_000000352065_00371_30986_2772.N1	02-FEB-2008 19:32:50	Bright	34.500	5	3Alp Lyr	0.033000	11000.	69	30986	No
308	GOM_NL__2PRFIN20080202_193931_000000332065_00371_30986_2773.N1	02-FEB-2008 19:39:31	Bright	32.500	168	17Zet Aql	2.9860	11000.	65	30986	No
309	GOM_NL__2PRFIN20080202_194106_000000392065_00371_30986_2774.N1	02-FEB-2008 19:41:06	Bright	38.500	59	55Alp Oph	2.0800	8900.0	77	30986	No
310	GOM_NL__2PRFIN20080202_194315_000000382065_00371_30986_2775.N1	02-FEB-2008 19:43:15	Bright	37.500	126	60Bet Oph	2.7700	4250.0	75	30986	No
311	GOM_NL__2PRFIN20080202_194947_000000452065_00371_30986_2776.N1	02-FEB-2008 19:49:47	Twilight	44.500	86	35Eta Oph	2.4300	10200.	89	30986	No
312	GOM_NL__2PRFIN20080202_195224_000000422065_00371_30986_2777.N1	02-FEB-2008 19:52:24	Twilight	42.000	167	10Gam2Sgr	2.9840	4500.0	84	30986	No
313	GOM_NL__2PRFIN20080202_195447_000000402065_00371_30986_2778.N1	02-FEB-2008 19:54:47	Dark	39.500	25	35Lam Sco	1.6200	28000.	79	30986	No
314	GOM_NL__2PRFIN20080202_195614_000000382065_00371_30986_2779.N1	02-FEB-2008 19:56:14	Dark	37.500	40	The Sco	1.8590	7100.0	75	30986	No
315	GOM_NL__2PRFIN20080202_195807_000000362065_00371_30986_2780.N1	02-FEB-2008 19:58:07	Dark	36.000	147	Alp Ara	2.8770	26000.	72	30986	No
316	GOM_NL__2PRFIN20080202_195940_000000372065_00371_30986_2781.N1	02-FEB-2008 19:59:40	Dark	37.000	141	Bet Ara	2.8400	4600.0	74	30986	No
317	GOM_NL__2PRFIN20080202_200331_000000422065_00372_30987_2761.N1	02-FEB-2008 20:03:31	Dark	42.000	43	Alp TrA	1.9100	4250.0	84	30987	No
318	GOM_NL__2PRFIN20080202_200504_000000422065_00372_30987_2762.N1	02-FEB-2008 20:05:04	Dark	42.000	4	Alp1Cen	-0.010000	5800.0	84	30987	No
319	GOM_NL__2PRFIN20080202_200940_000000412065_00372_30987_2763.N1	02-FEB-2008 20:09:40	Dark	41.000	12	Alp1Cru	0.77500	30000.	82	30987	No
320	GOM_NL__2PRFIN20080202_201306_000000372065_00372_30987_2764.N1	02-FEB-2008 20:13:06	Dark	37.000	29	Bet Car	1.6720	10200.	74	30987	No
321	GOM_NL__2PRFIN20080202_201529_000000442065_00372_30987_2765.N1	02-FEB-2008 20:15:29	Dark	43.500	71	lot Car	2.2460	7700.0	87	30987	No
322	GOM_NL__2PRFIN20080202_201713_000000392065_00372_30987_2766.N1	02-FEB-2008 20:17:13	Dark	38.500	46	Del Vel	1.9540	10600.	77	30987	No
323	GOM_NL__2PRFIN20080202_201944_000000422065_00372_30987_2767.N1	02-FEB-2008 20:19:44	Dark	41.500	34	Gam2Vel	1.7930	23000.	83	30987	No
324	GOM_NL__2PRFIN20080202_202149_000000392065_00372_30987_2768.N1	02-FEB-2008 20:21:49	Straylight	38.500	70	Zet Pup	2.2460	39000.	77	30987	No
325	GOM_NL__2PRFIN20080202_202310_000000422065_00372_30987_2769.N1	02-FEB-2008 20:23:10	Straylight	41.500	117	Pi Pup	2.7060	3800.0	83	30987	No
326	GOM_NL__2PRFIN20080202_202536_000000412065_00372_30987_2770.N1	02-FEB-2008 20:25:36	Straylight	41.000	23	21Eps CMa	1.5020	26000.	82	30987	No
327	GOM_NL__2PRFIN20080202_202659_000000392065_00372_30987_2771.N1	02-FEB-2008 20:26:59	Straylight	39.000	179	24Omi2CMa	3.0320	24000.	78	30987	No
328	GOM_NL__2PRFIN20080202_202908_000000462065_00372_30987_2772.N1	02-FEB-2008 20:29:08	Straylight	45.500	1	9Alp CMa	-1.4400	11000.	91	30987	No
329	GOM_NL__2PRFIN20080202_203453_000000492065_00372_30987_2773.N1	02-FEB-2008 20:34:53	Twilight	49.000	8	10Alp CMi	0.40000	6500.0	98	30987	No
330	GOM_NL__2PRFIN20080202_203822_000000362065_00372_30987_2774.N1	02-FEB-2008 20:38:22	Bright	35.500	44	24Gam Gem	1.9280	11000.	71	30987	No
331	GOM_NL__2PRFIN20080202_204013_000000392065_00372_30987_2775.N1	02-FEB-2008 20:40:13	Bright	38.500	151	13Mu Gem	2.8900	3000.0	77	30987	No
332	GOM_NL__2PRFIN20080202_204233_000000382065_00372_30987_2776.N1	02-FEB-2008 20:42:33	Bright	37.500	24	66Alp Gem	1.5800	10200.	75	30987	No
333	GOM_NL__2PRFIN20080202_204432_000000352065_00372_30987_2777.N1	02-FEB-2008 20:44:32	Bright	35.000	107	37The Aur	2.6490	11000.	70	30987	No
334	GOM_NL__2PRFIN20080202_204636_000000362065_00372_30987_2778.N1	02-FEB-2008 20:46:36	Bright	35.500	42	34Bet Aur	1.9000	10200.	71	30987	No
335	GOM_NL__2PRFIN20080202_205847_000000352065_00372_30987_2779.N1	02-FEB-2008 20:58:47	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	30987	No
336	GOM_NL__2PRFIN20080202_210946_000000392065_00372_30987_2780.N1	02-FEB-2008 21:09:46	Bright	39.000	130	23Bet Dra	2.7990	5800.0	78	30987	No
337	GOM_NL__2PRFIN20080202_211327_000000342065_00372_30987_2781.N1	02-FEB-2008 21:13:27	Bright	34.000	5	3Alp Lyr	0.033000	11000.	68	30987	No

338	GOM_NL_2PRFIN20080202_212007_000000322065_00372_30987_2782.N1	02-FEB-2008 21:20:07	Bright	32.000	168	17Zet Aql	2.9860	11000.	64	30987	No
339	GOM_NL_2PRFIN20080202_212142_000000562065_00372_30987_2783.N1	02-FEB-2008 21:21:42	Bright	56.000	59	55Alp Oph	2.0800	8900.0	112	30987	No
340	GOM_NL_2PRFIN20080202_212351_000000382065_00372_30987_2784.N1	02-FEB-2008 21:23:51	Bright	37.500	126	60Bet Oph	2.7700	4250.0	75	30987	No
341	GOM_NL_2PRFIN20080202_213023_000000452065_00372_30987_2785.N1	02-FEB-2008 21:30:23	Twi_and_stray	45.000	86	35Eta Oph	2.4300	10200.	90	30987	No
342	GOM_NL_2PRFIN20080202_213301_000000412065_00372_30987_2786.N1	02-FEB-2008 21:33:01	Twilight	41.000	167	10Gam2Sgr	2.9840	4500.0	82	30987	No
343	GOM_NL_2PRFIN20080202_213523_000000382065_00372_30987_2787.N1	02-FEB-2008 21:35:23	Dark	38.000	25	35Lam Sco	1.6200	28000.	76	30987	No
344	GOM_NL_2PRFIN20080202_213650_000000432065_00372_30987_2788.N1	02-FEB-2008 21:36:50	Dark	43.000	40	The Sco	1.8590	7100.0	86	30987	No
345	GOM_NL_2PRFIN20080202_214016_000000392065_00372_30987_2789.N1	02-FEB-2008 21:40:16	Dark	38.500	141	Bet Ara	2.8400	4600.0	77	30987	No
346	GOM_NL_2PRFIN20080202_214408_000000472065_00373_30988_2782.N1	02-FEB-2008 21:44:08	Dark	46.500	43	Alp TrA	1.9100	4250.0	93	30988	No
347	GOM_NL_2PRFIN20080202_214541_000000422065_00373_30988_2783.N1	02-FEB-2008 21:45:41	Dark	41.500	4	Alp1Cen	-0.010000	5800.0	83	30988	No
348	GOM_NL_2PRFIN20080202_215016_000000412065_00373_30988_2784.N1	02-FEB-2008 21:50:16	Dark	40.500	12	Alp1Cru	0.77500	30000.	81	30988	No
349	GOM_NL_2PRFIN20080202_215342_000000372065_00373_30988_2785.N1	02-FEB-2008 21:53:42	Dark	37.000	29	Bet Car	1.6720	10200.	74	30988	No
350	GOM_NL_2PRFIN20080202_215605_000000382065_00373_30988_2786.N1	02-FEB-2008 21:56:05	Dark	37.500	71	lot Car	2.2460	7700.0	75	30988	No
351	GOM_NL_2PRFIN20080202_215749_000000422065_00373_30988_2787.N1	02-FEB-2008 21:57:49	Dark	42.000	46	Del Vel	1.9540	10600.	84	30988	No
352	GOM_NL_2PRFIN20080202_220020_000000392065_00373_30988_2788.N1	02-FEB-2008 22:00:20	Dark	38.500	34	Gam2Vel	1.7930	23000.	77	30988	No
353	GOM_NL_2PRFIN20080202_220225_000000392065_00373_30988_2789.N1	02-FEB-2008 22:02:25	Straylight	38.500	70	Zet Pup	2.2460	39000.	77	30988	No
354	GOM_NL_2PRFIN20080202_220346_000000432065_00373_30988_2790.N1	02-FEB-2008 22:03:46	Straylight	43.000	117	Pi Pup	2.7060	3800.0	86	30988	No
355	GOM_NL_2PRFIN20080202_220612_000000392065_00373_30988_2791.N1	02-FEB-2008 22:06:12	Straylight	39.000	23	21Eps CMa	1.5020	26000.	78	30988	No
356	GOM_NL_2PRFIN20080202_220735_000000392065_00373_30988_2792.N1	02-FEB-2008 22:07:35	Straylight	38.500	179	24Omi2CMa	3.0320	24000.	77	30988	No
357	GOM_NL_2PRFIN20080202_220945_000000472065_00373_30988_2793.N1	02-FEB-2008 22:09:45	Straylight	46.500	1	9Alp CMa	-1.4400	11000.	93	30988	No
358	GOM_NL_2PRFIN20080202_221528_000000512065_00373_30988_2794.N1	02-FEB-2008 22:15:28	Twi_and_stray	50.500	8	10Alp CMi	0.40000	6500.0	101	30988	No
359	GOM_NL_2PRFIN20080202_221858_000000372065_00373_30988_2795.N1	02-FEB-2008 22:18:58	Bright	37.000	44	24Gam Gem	1.9280	11000.	74	30988	No
360	GOM_NL_2PRFIN20080202_222049_000000392065_00373_30988_2796.N1	02-FEB-2008 22:20:49	Bright	39.000	151	13Mu Gem	2.8900	3000.0	78	30988	No
361	GOM_NL_2PRFIN20080202_222309_000000372065_00373_30988_2797.N1	02-FEB-2008 22:23:09	Bright	36.500	24	66Alp Gem	1.5800	10200.	73	30988	No
362	GOM_NL_2PRFIN20080202_222508_000000352065_00373_30988_2798.N1	02-FEB-2008 22:25:08	Bright	34.500	107	37The Aur	2.6490	11000.	69	30988	No
363	GOM_NL_2PRFIN20080202_222712_000000352065_00373_30988_2799.N1	02-FEB-2008 22:27:12	Bright	34.500	42	34Bet Aur	1.9000	10200.	69	30988	No
364	GOM_NL_2PRFIN20080202_223923_000000372065_00373_30988_2800.N1	02-FEB-2008 22:39:23	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	30988	No
365	GOM_NL_2PRFIN20080202_225021_000000372065_00373_30988_2801.N1	02-FEB-2008 22:50:21	Bright	37.000	130	23Bet Dra	2.7990	5800.0	74	30988	No
366	GOM_NL_2PRFIN20080202_225403_000000372065_00373_30988_2802.N1	02-FEB-2008 22:54:03	Bright	37.000	5	3Alp Lyr	0.033000	11000.	74	30988	No
367	GOM_NL_2PRFIN20080202_230043_000000322065_00373_30988_2803.N1	02-FEB-2008 23:00:43	Bright	32.000	168	17Zet Aql	2.9860	11000.	64	30988	No
368	GOM_NL_2PRFIN20080202_230218_000000562065_00373_30988_2804.N1	02-FEB-2008 23:02:18	Bright	56.000	59	55Alp Oph	2.0800	8900.0	112	30988	No
369	GOM_NL_2PRFIN20080202_230427_000000392065_00373_30988_2805.N1	02-FEB-2008 23:04:27	Bright	38.500	126	60Bet Oph	2.7700	4250.0	77	30988	No
370	GOM_NL_2PRFIN20080202_231100_000000452065_00373_30988_2806.N1	02-FEB-2008 23:11:00	Twi_and_stray	45.000	86	35Eta Oph	2.4300	10200.	90	30988	No
371	GOM_NL_2PRFIN20080202_231337_000000422065_00373_30988_2807.N1	02-FEB-2008 23:13:37	Twilight	42.000	167	10Gam2Sgr	2.9840	4500.0	84	30988	No
372	GOM_NL_2PRFIN20080202_231600_000000402065_00373_30988_2808.N1	02-FEB-2008 23:16:00	Dark	40.000	25	35Lam Sco	1.6200	28000.	80	30988	No
373	GOM_NL_2PRFIN20080202_231727_000000392065_00373_30988_2809.N1	02-FEB-2008 23:17:27	Dark	38.500	40	The Sco	1.8590	7100.0	77	30988	No
374	GOM_NL_2PRFIN20080202_232052_000000452065_00373_30988_2810.N1	02-FEB-2008 23:20:52	Dark	44.500	141	Bet Ara	2.8400	4600.0	89	30988	No
375	GOM_NL_2PRFIN20080202_232444_000000462065_00374_30989_2791.N1	02-FEB-2008 23:24:44	Dark	45.500	43	Alp TrA	1.9100	4250.0	91	30989	No
376	GOM_NL_2PRFIN20080202_232617_000000512065_00374_30989_2792.N1	02-FEB-2008 23:26:17	Dark	50.500	4	Alp1Cen	-0.010000	5800.0	101	30989	No
377	GOM_NL_2PRFIN20080202_233052_000000432065_00374_30989_2793.N1	02-FEB-2008 23:30:52	Dark	43.000	12	Alp1Cru	0.77500	30000.	86	30989	No
378	GOM_NL_2PRFIN20080202_233418_000000382065_00374_30989_2794.N1	02-FEB-2008 23:34:18	Dark	37.500	29	Bet Car	1.6720	10200.	75	30989	No
379	GOM_NL_2PRFIN20080202_233641_000000402065_00374_30989_2795.N1	02-FEB-2008 23:36:41	Dark	40.000	71	lot Car	2.2460	7700.0	80	30989	No
380	GOM_NL_2PRFIN20080202_233825_000000402065_00374_30989_2796.N1	02-FEB-2008 23:38:25	Dark	39.500	46	Del Vel	1.9540	10600.	79	30989	No
381	GOM_NL_2PRFIN20080202_234056_000000402065_00374_30989_2797.N1	02-FEB-2008 23:40:56	Dark	39.500	34	Gam2Vel	1.7930	23000.	79	30989	No
382	GOM_NL_2PRFIN20080202_234301_000000402065_00374_30989_2798.N1	02-FEB-2008 23:43:01	Straylight	39.500	70	Zet Pup	2.2460	39000.	79	30989	No
383	GOM_NL_2PRFIN20080202_234422_000000422065_00374_30989_2799.N1	02-FEB-2008 23:44:22	Straylight	41.500	117	Pi Pup	2.7060	3800.0	83	30989	No
384	GOM_NL_2PRFIN20080202_234648_000000402065_00374_30989_2800.N1	02-FEB-2008 23:46:48	Straylight	40.000	23	21Eps CMa	1.5020	26000.	80	30989	No
385	GOM_NL_2PRFIN20080202_234811_000000392065_00374_30989_2801.N1	02-FEB-2008 23:48:11	Straylight	39.000	179	24Omi2CMa	3.0320	24000.	78	30989	No
386	GOM_NL_2PRFIN20080202_235021_000000432065_00374_30989_2802.N1	02-FEB-2008 23:50:21	Straylight	42.500	1	9Alp CMa	-1.4400	11000.	85	30989	No
387	GOM_NL_2PRFIN20080202_235604_000000532065_00374_30989_2803.N1	02-FEB-2008 23:56:04	Twi_and_stray	53.000	8	10Alp CMi	0.40000	6500.0	106	30989	No
388	GOM_NL_2PRFIN20080202_235934_000000382065_00374_30989_2804.N1	02-FEB-2008 23:59:34	Bright	38.000	44	24Gam Gem	1.9280	11000.	76	30989	No

3. Quality information per product

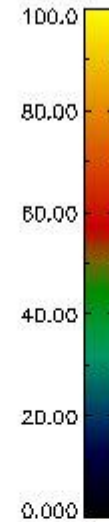
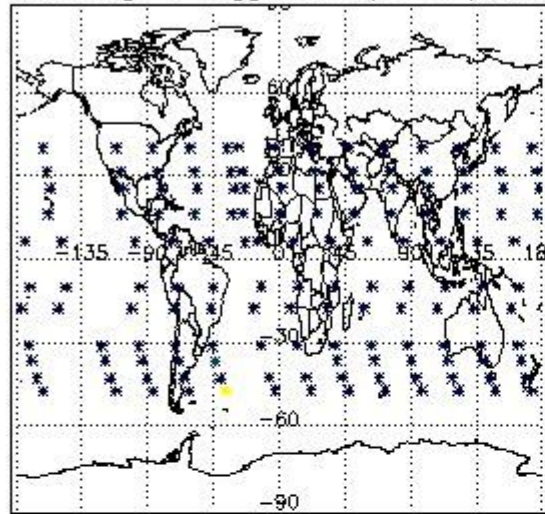
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

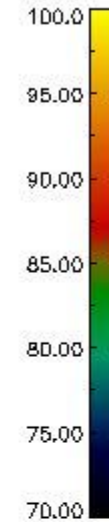
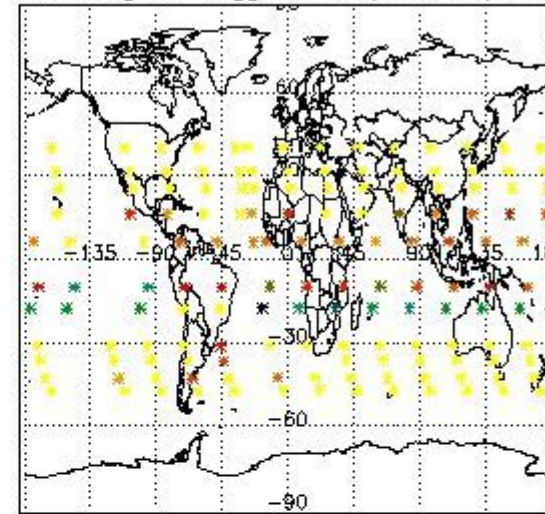


3.2 Plot quality information per product (world map)

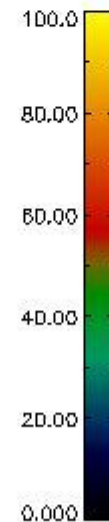
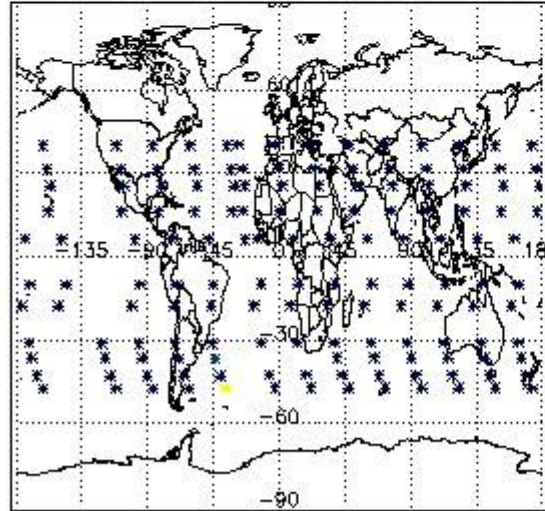
Percentage of flagged data per O3 profile



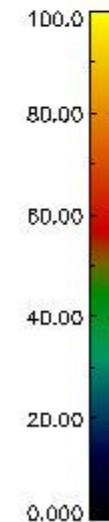
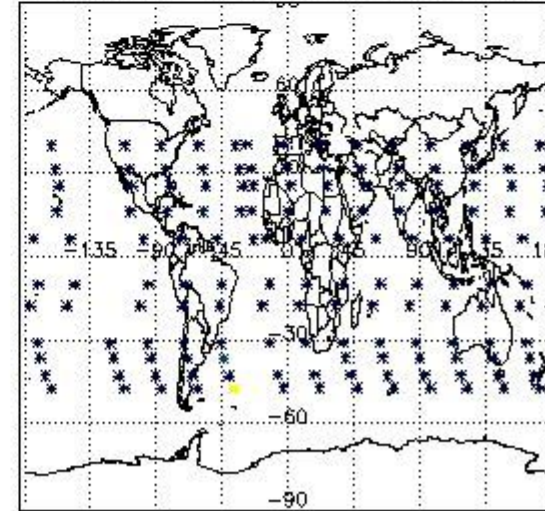
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

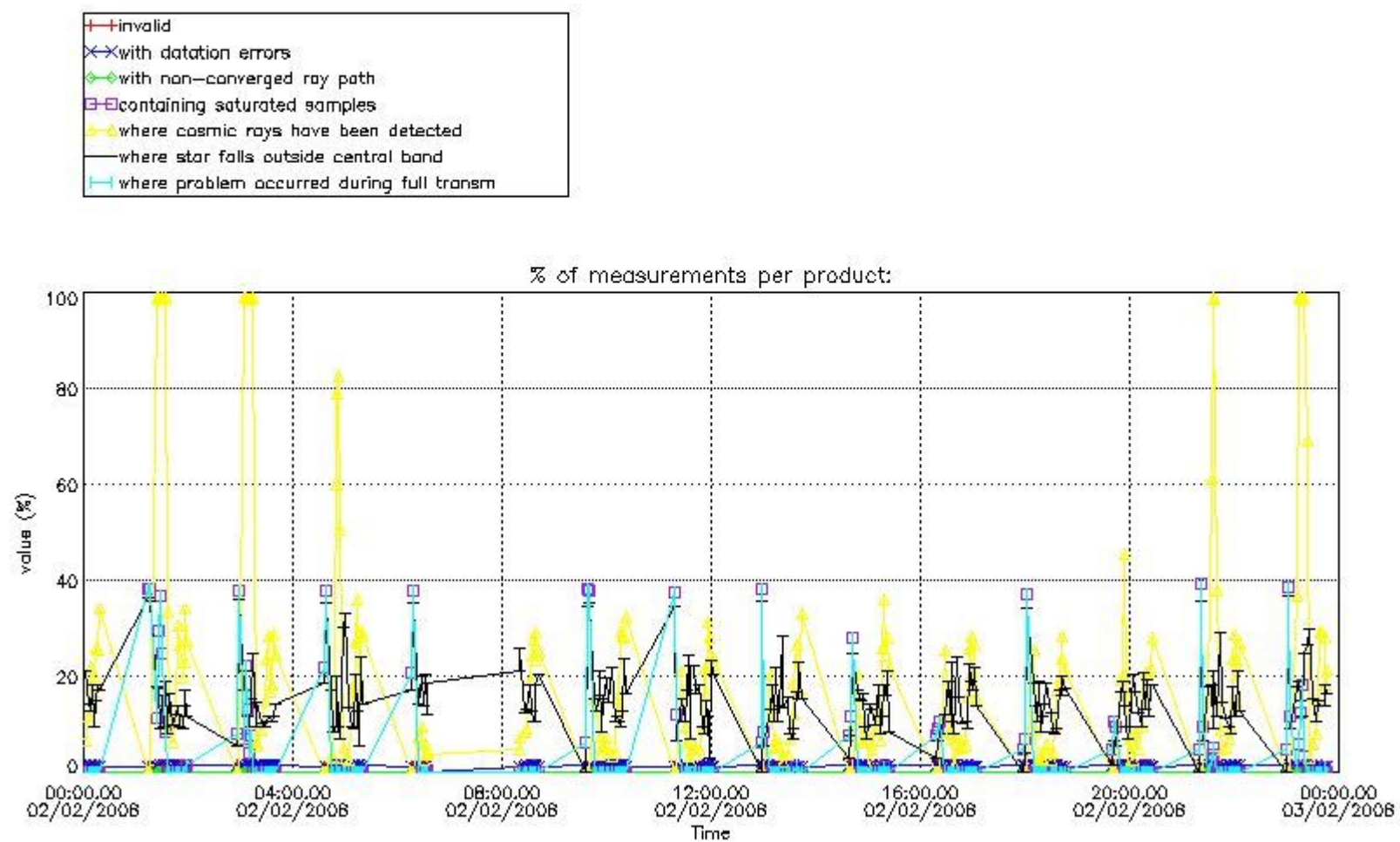


4. Level 1 quality information per product

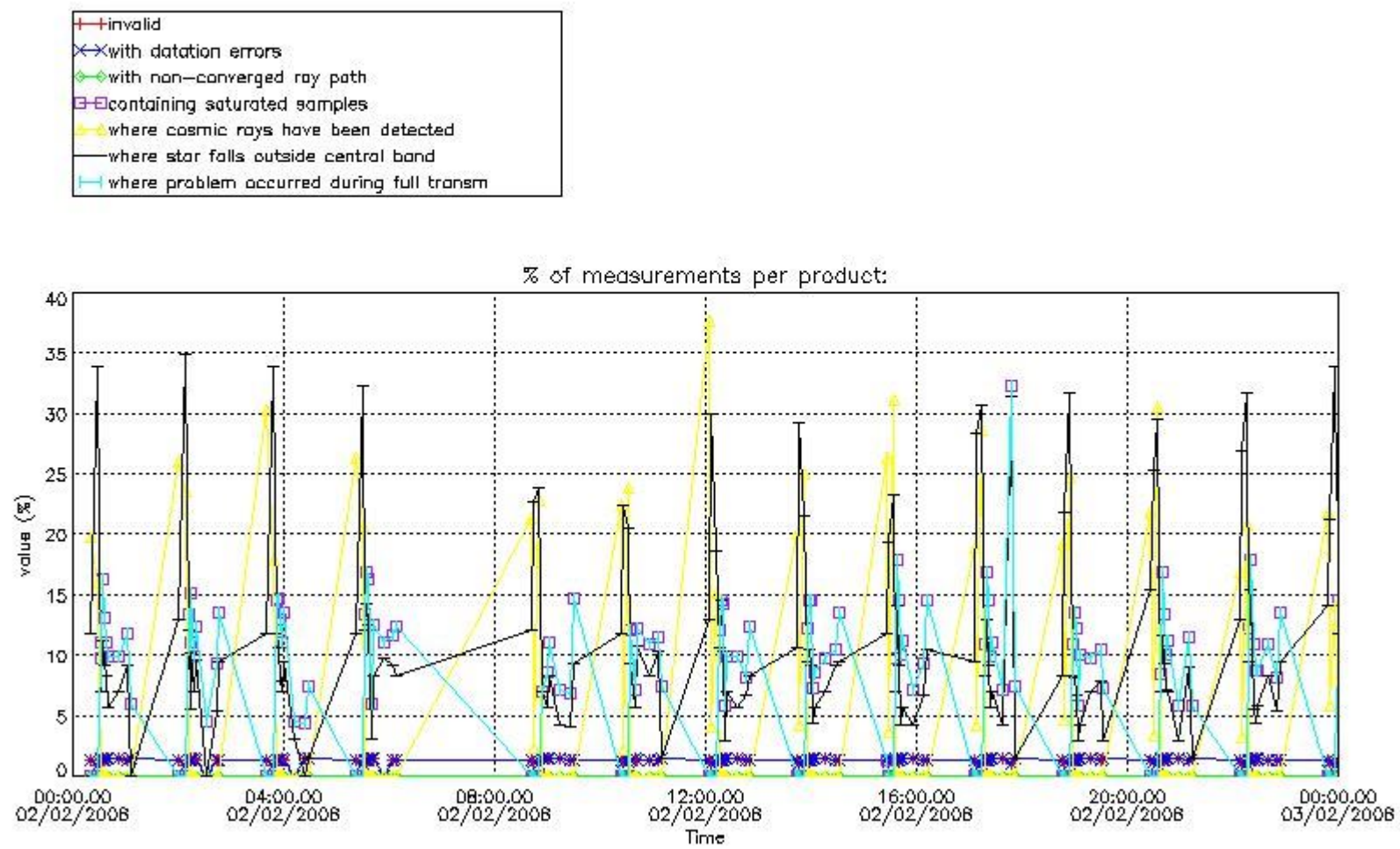
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



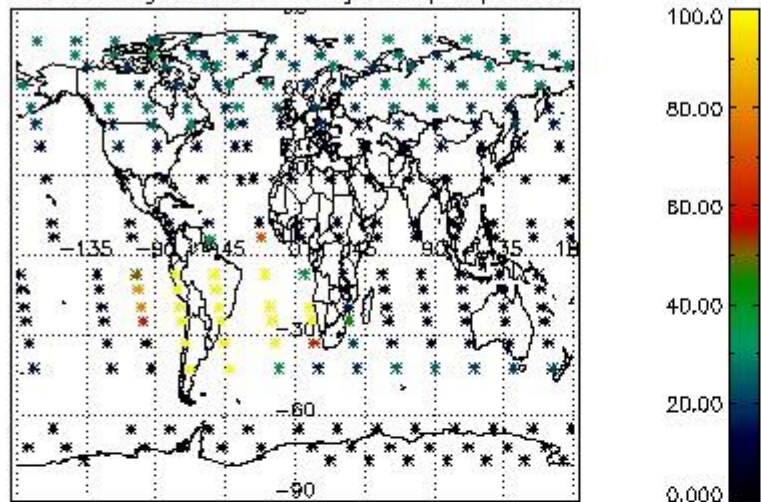
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



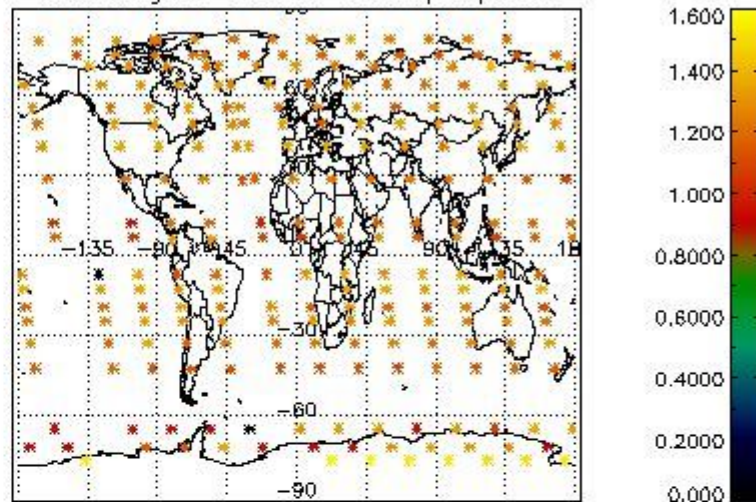
4.2 Plot quality information per product coming from level 1b processing (world map)

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

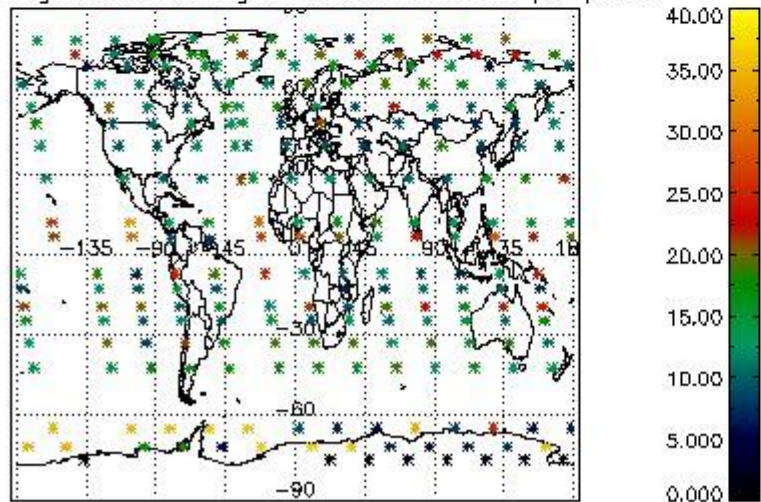
Percentage of cosmic ray hits per profile



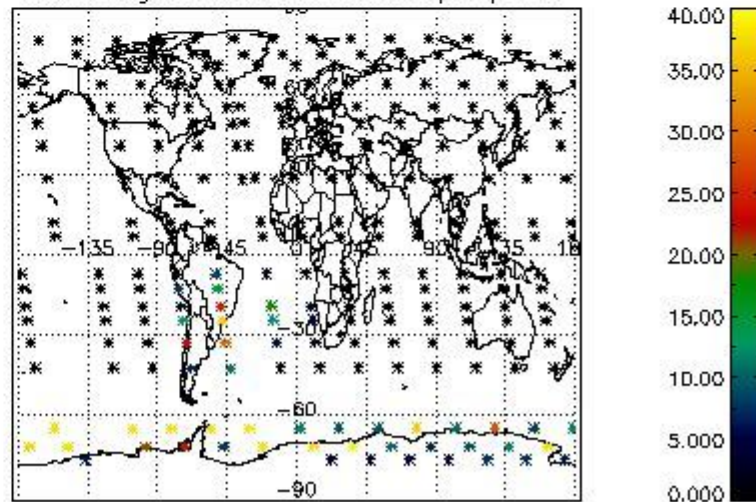
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

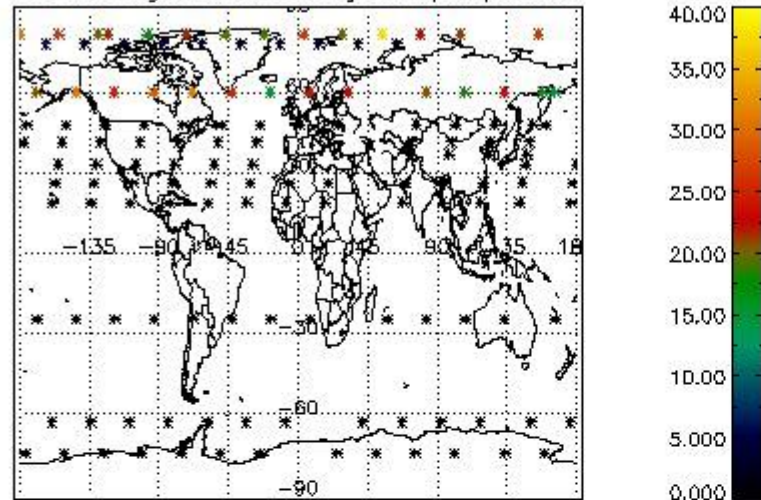


Percentage of saturation errors per profile

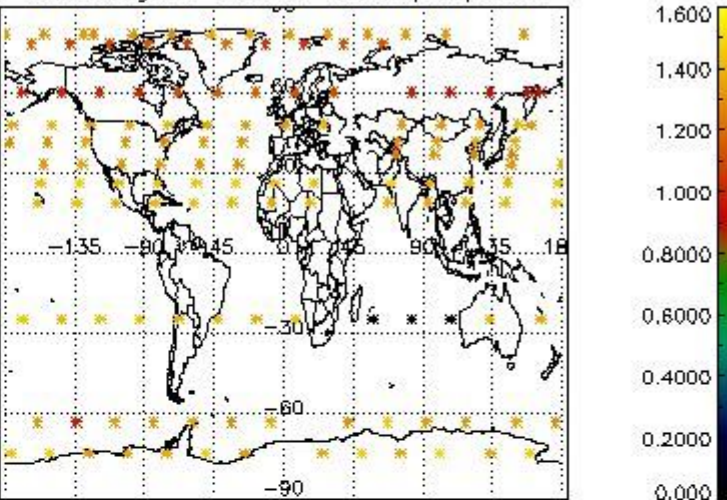


4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes

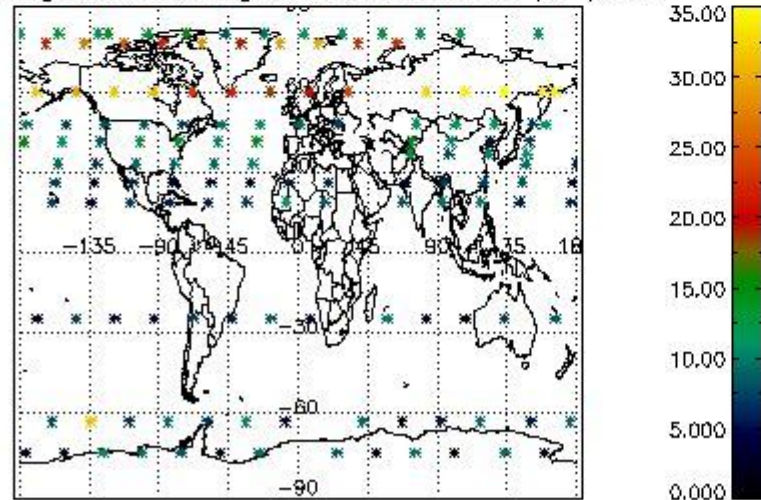
Percentage of cosmic ray hits per profile



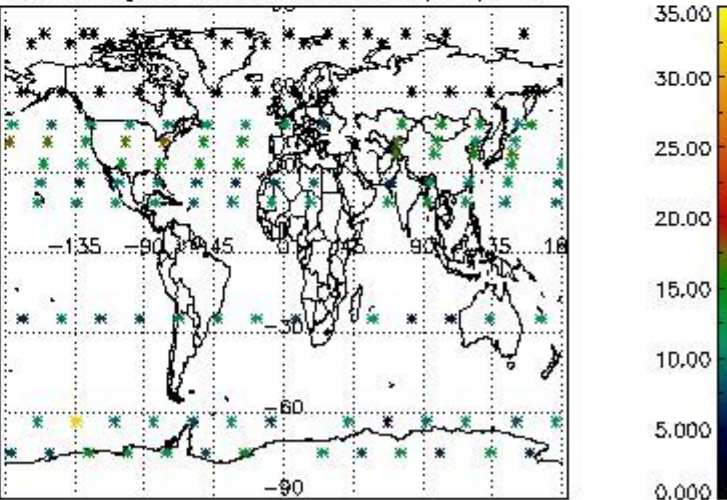
Percentage of datation errors per profile



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

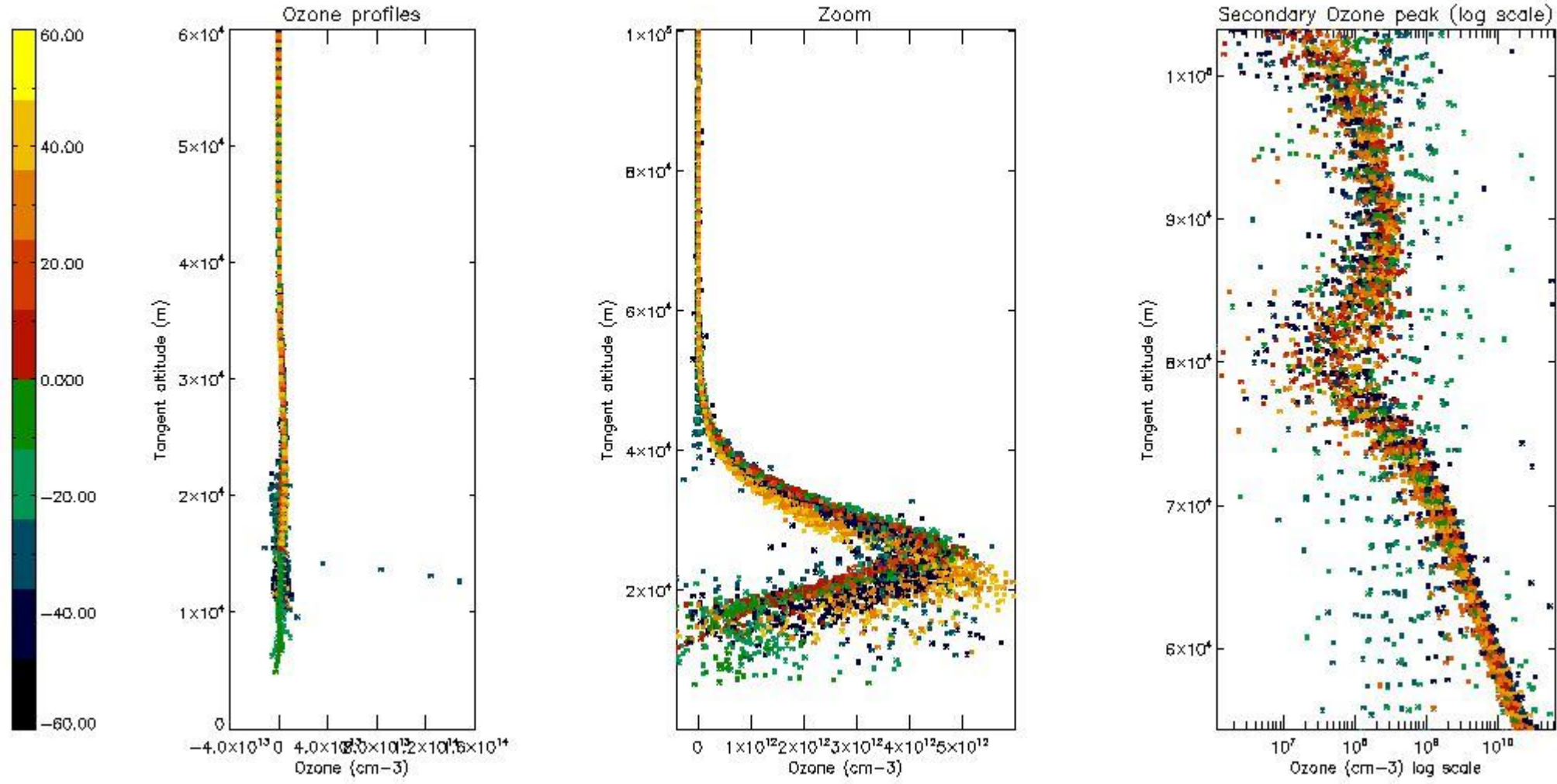
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	38
STD < 20	21

STD < 10	17
STD < 5	11

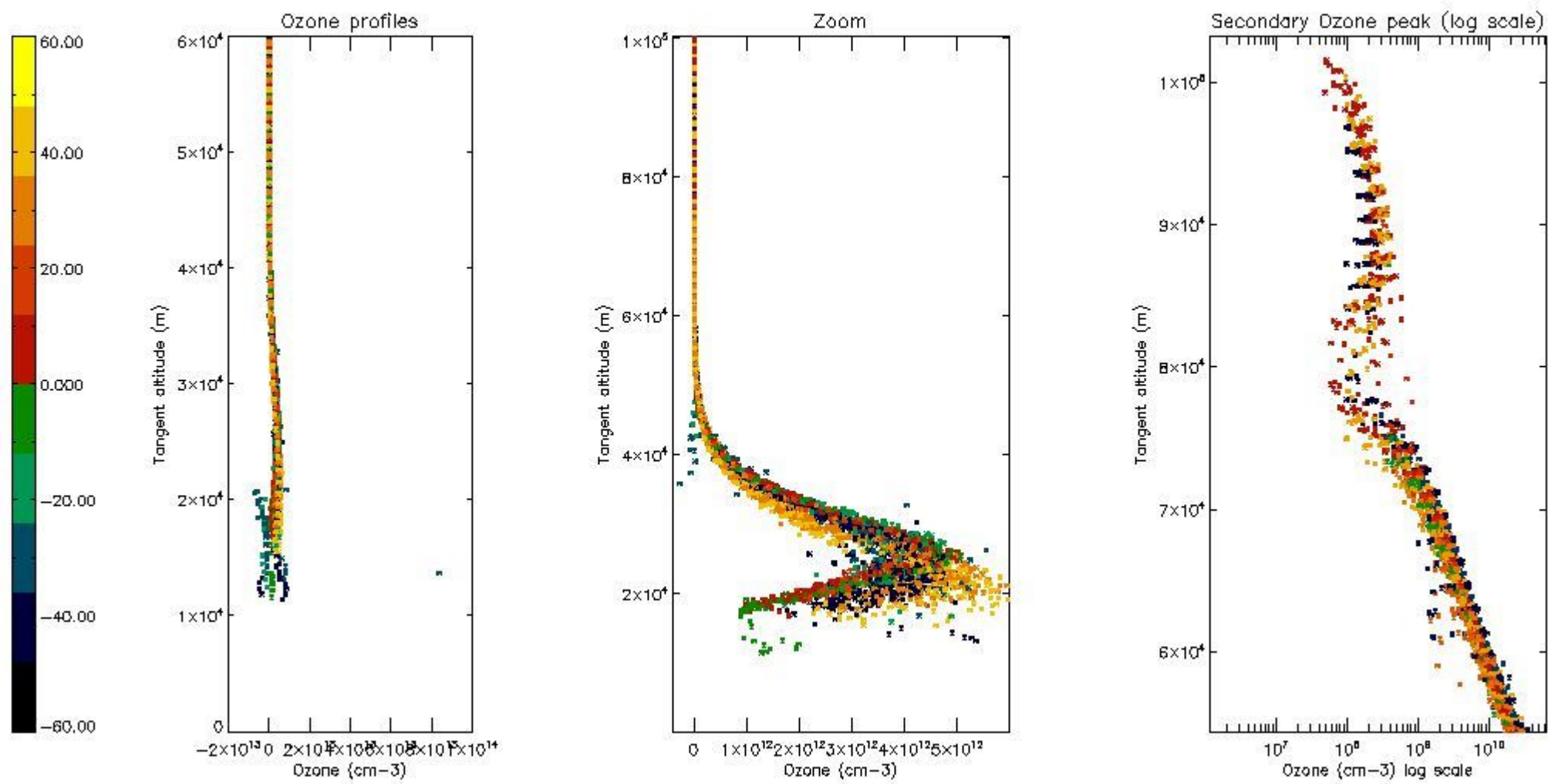
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



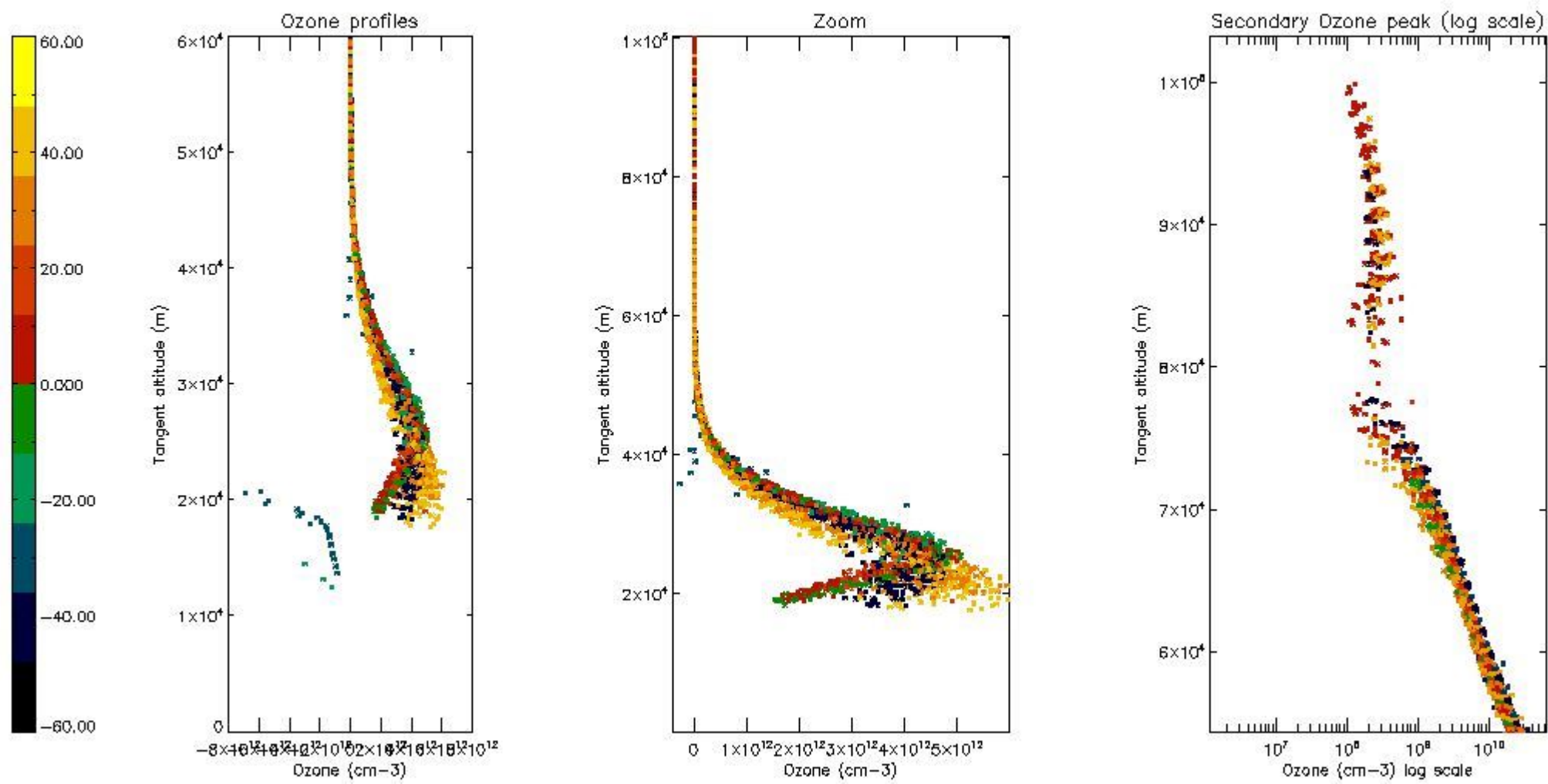
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



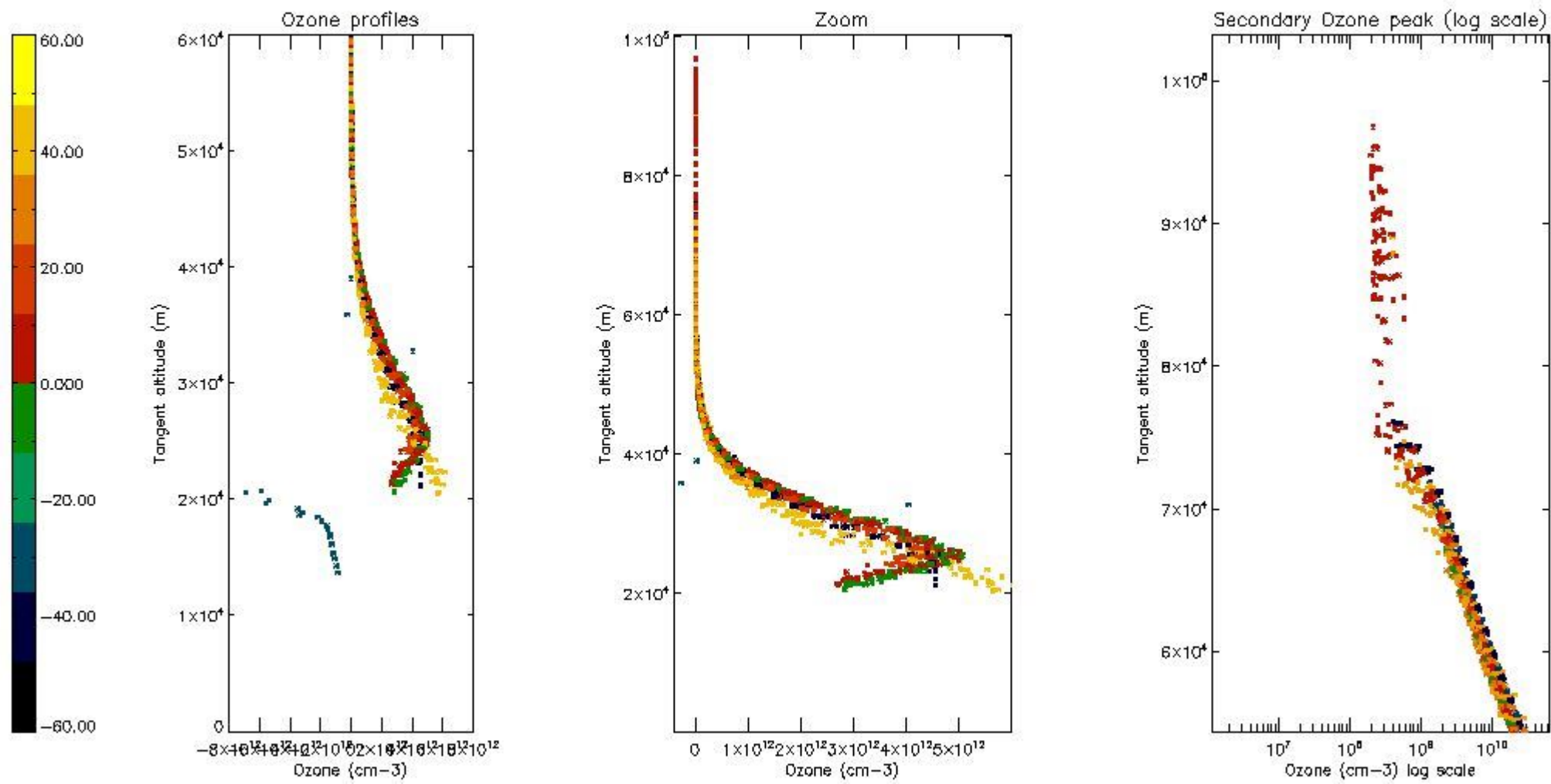
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



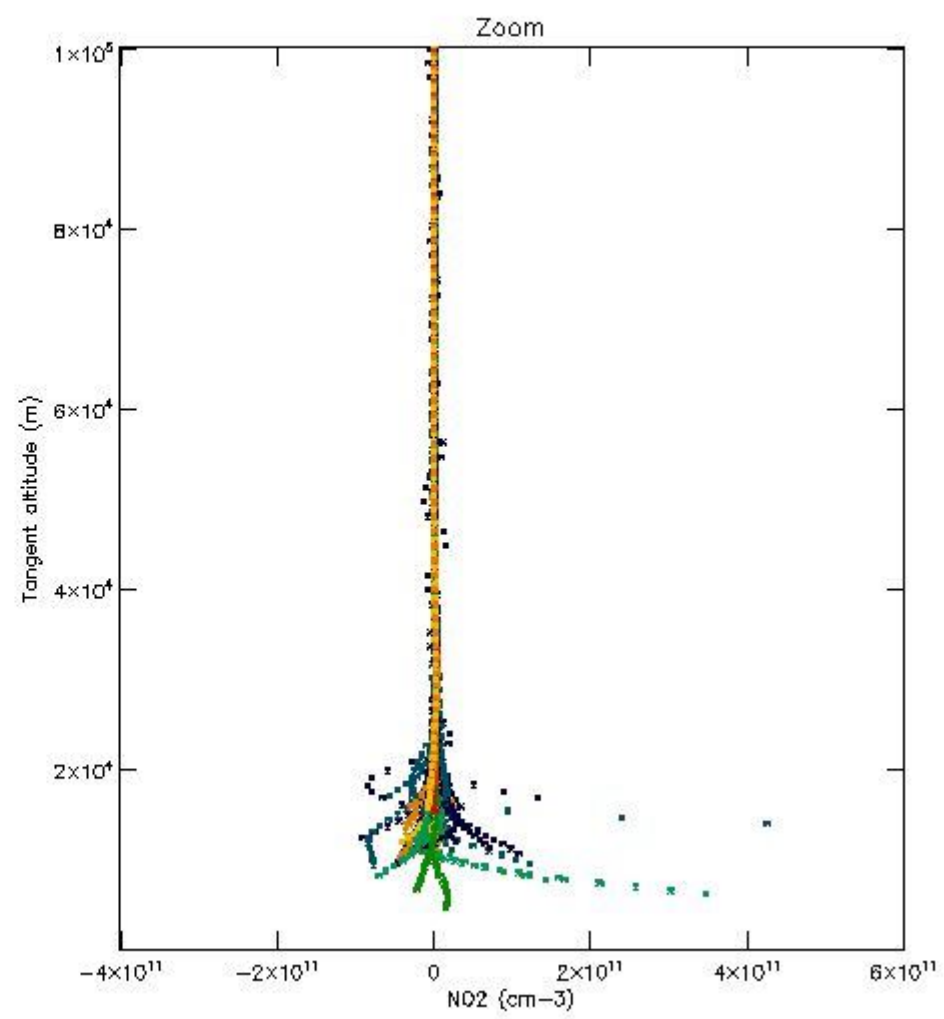
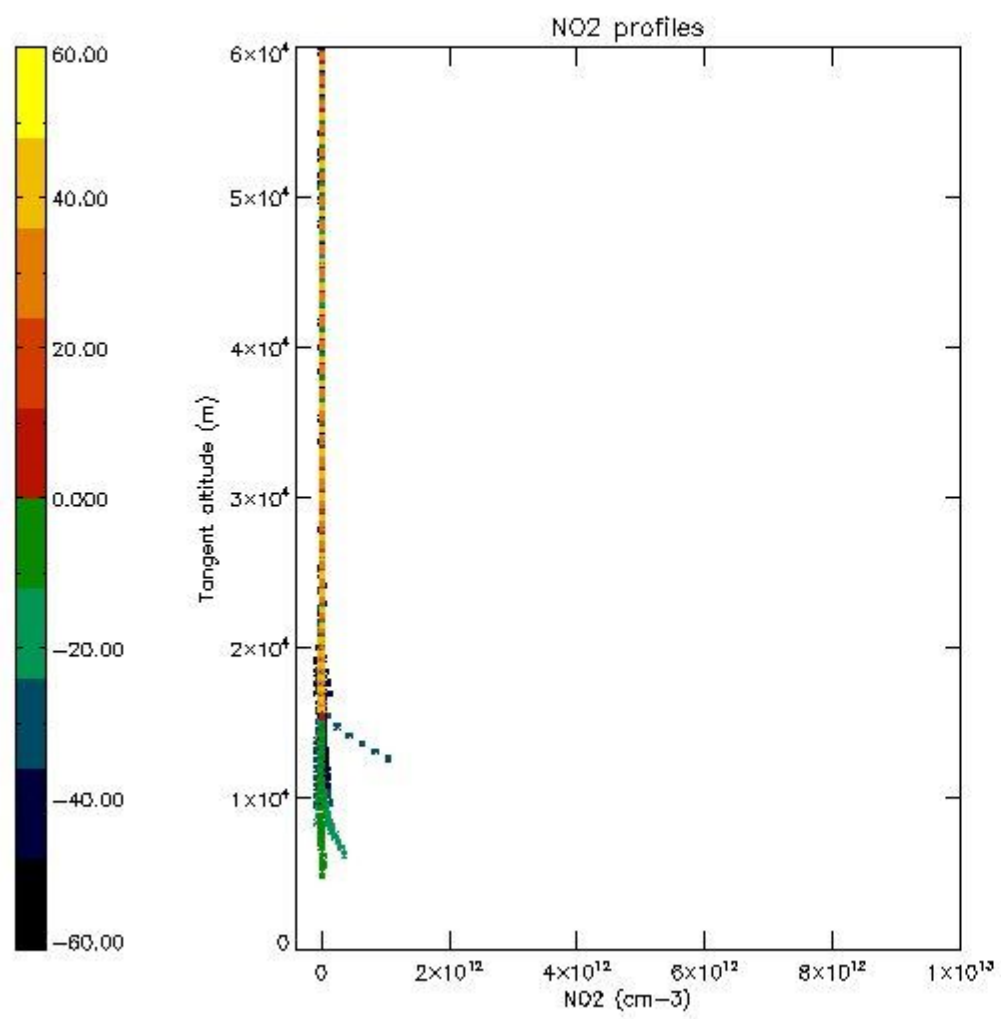
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



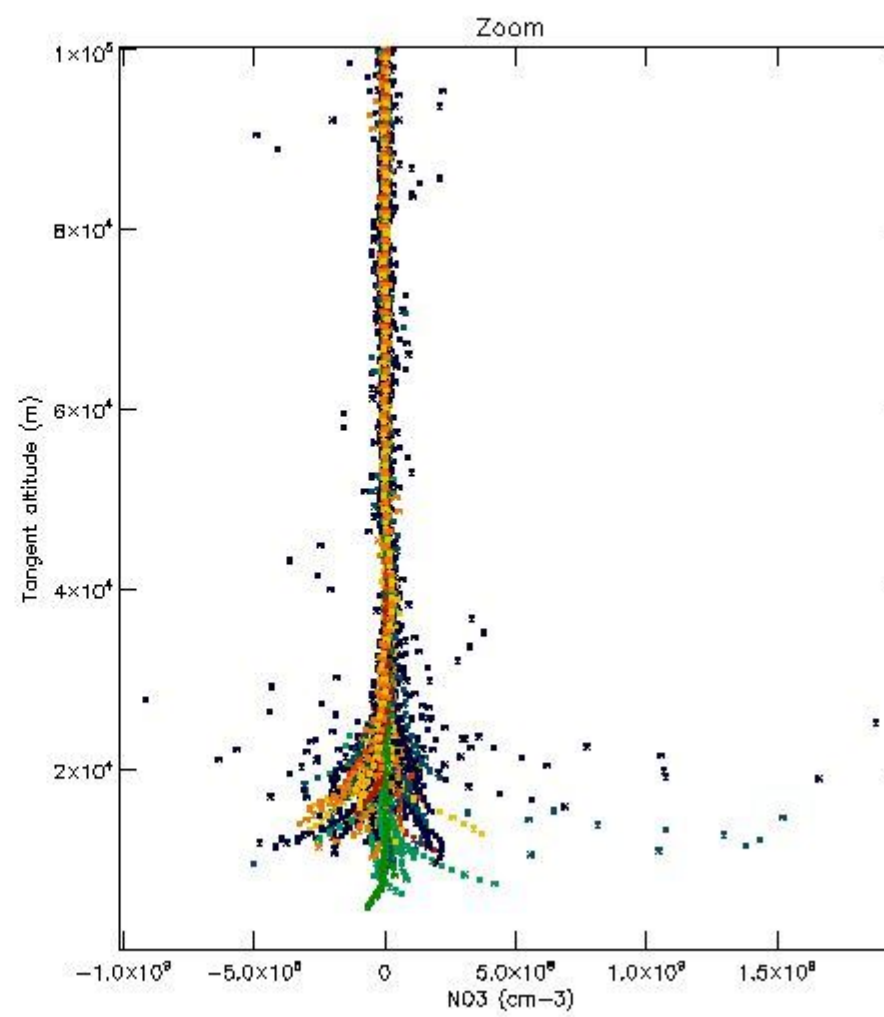
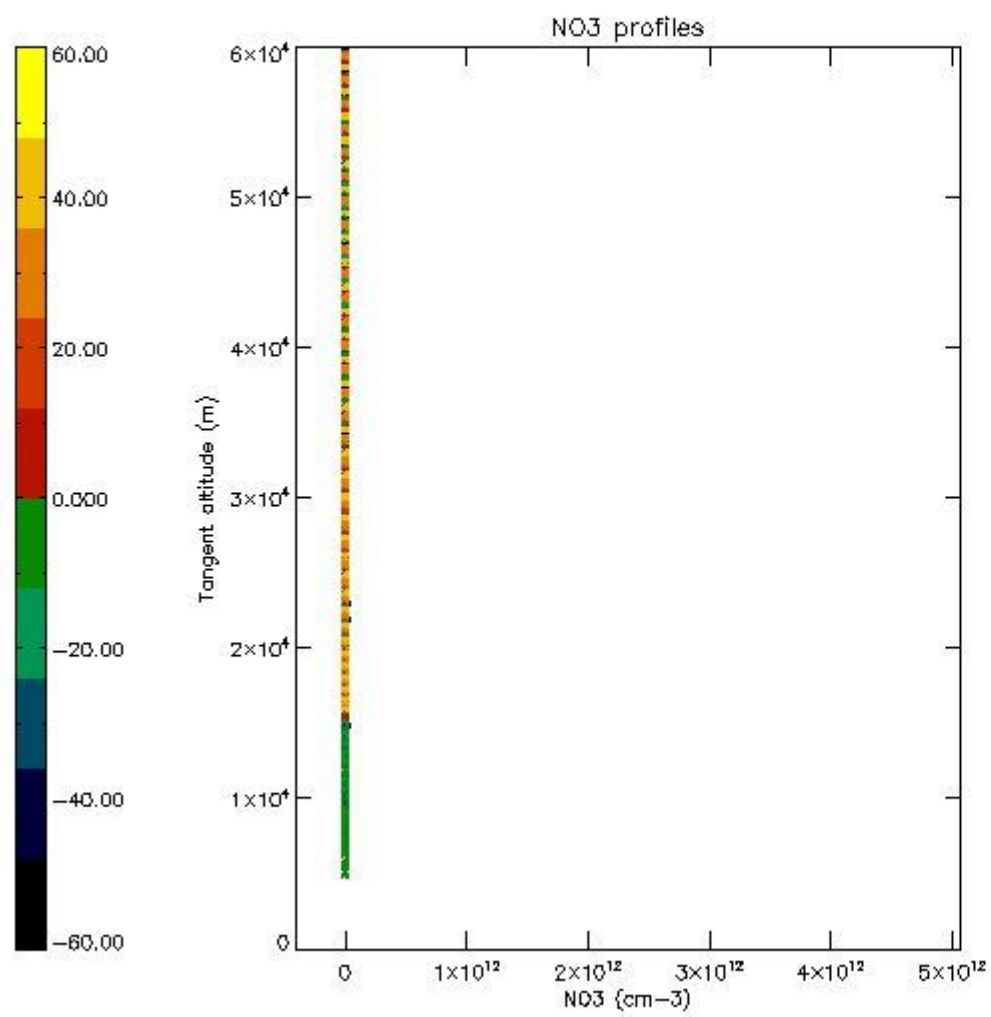
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



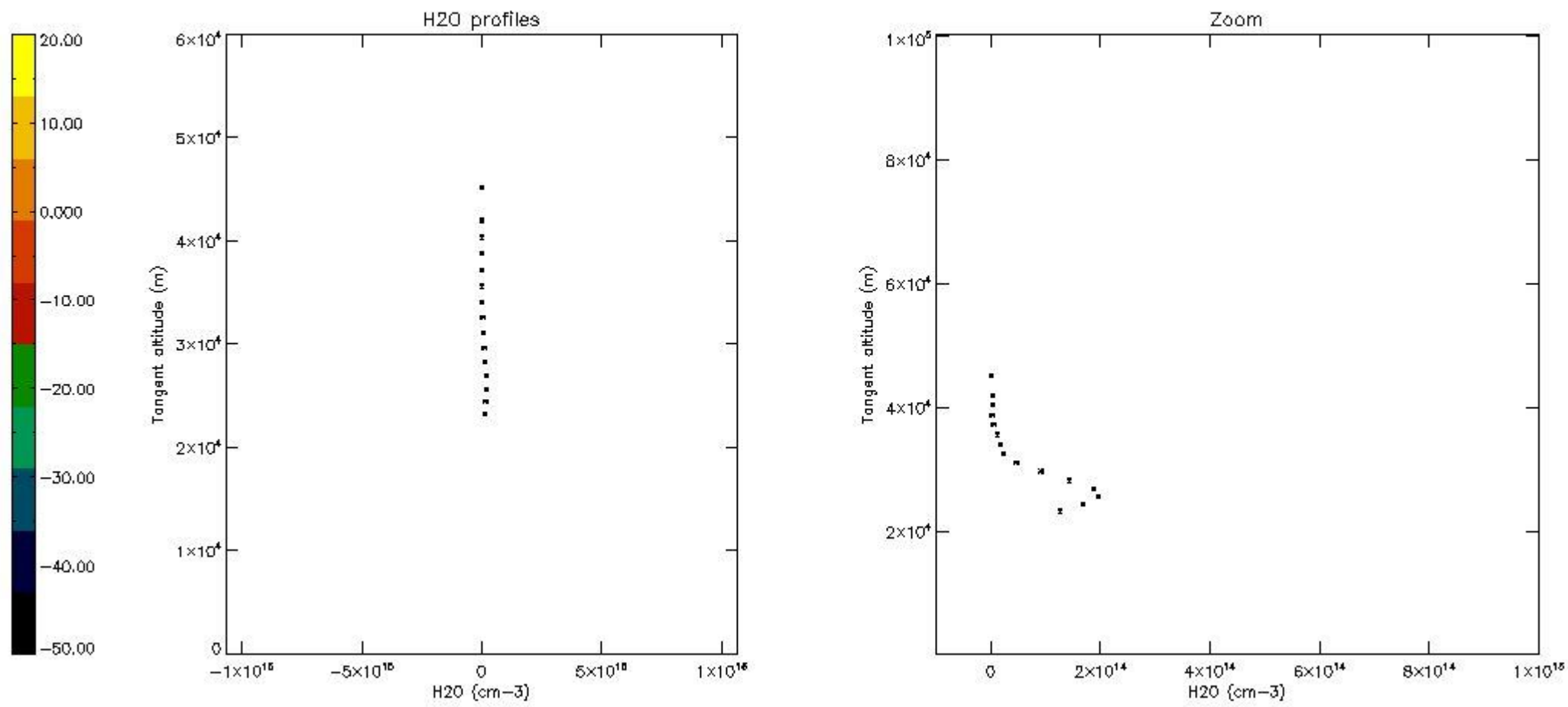
5.7 Plot NO3 profiles for all STD (dark without errors)

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)

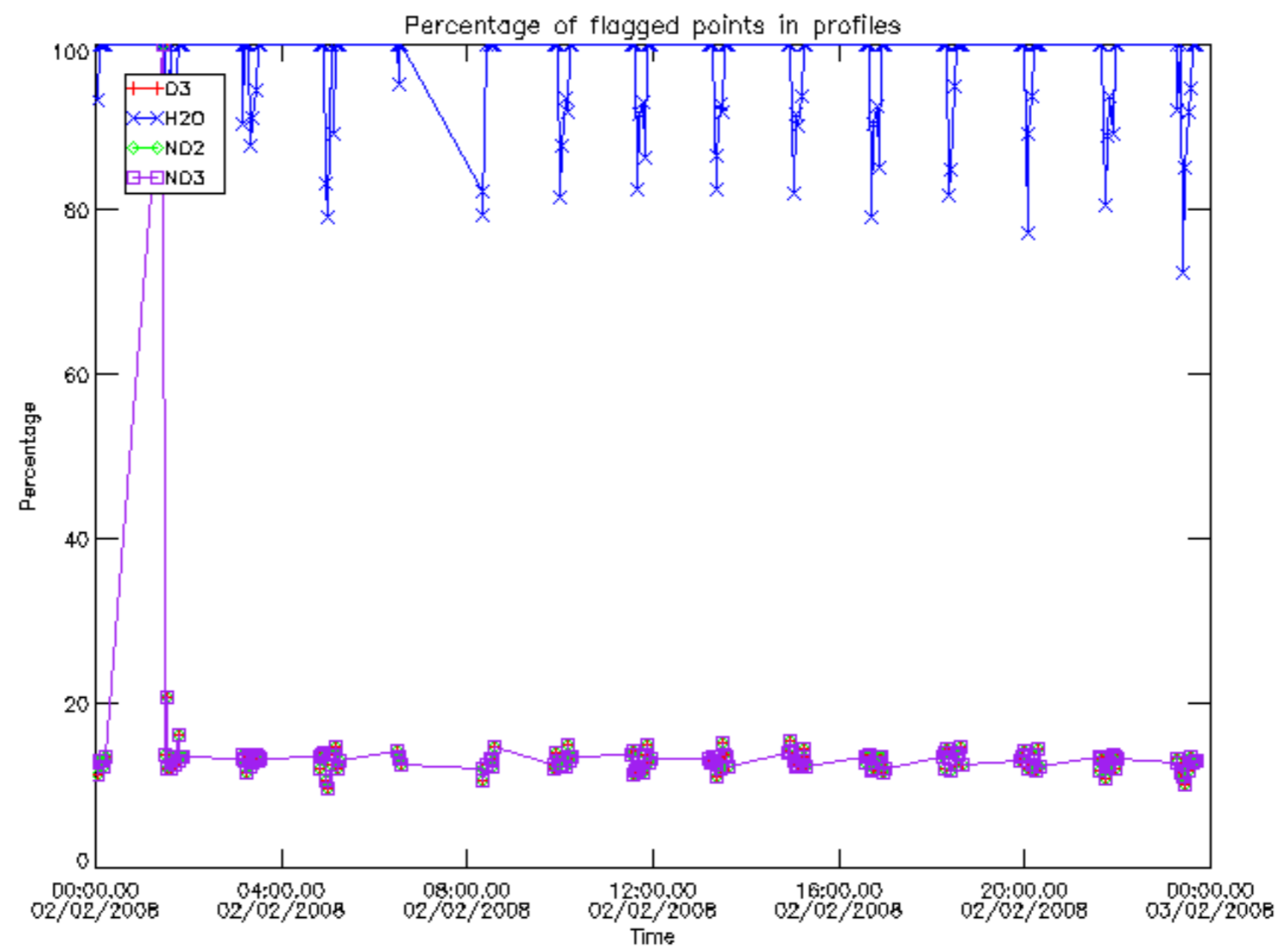
The colorbar represents the latitude.



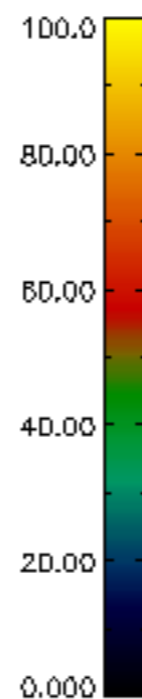
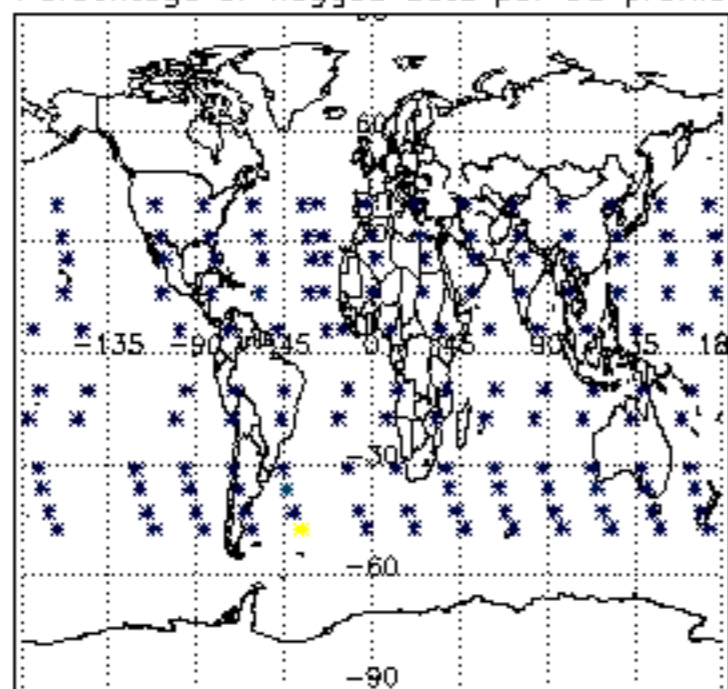
6. Auxiliary Data Files used for the production reported in section 2

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.

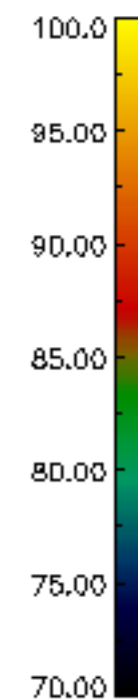
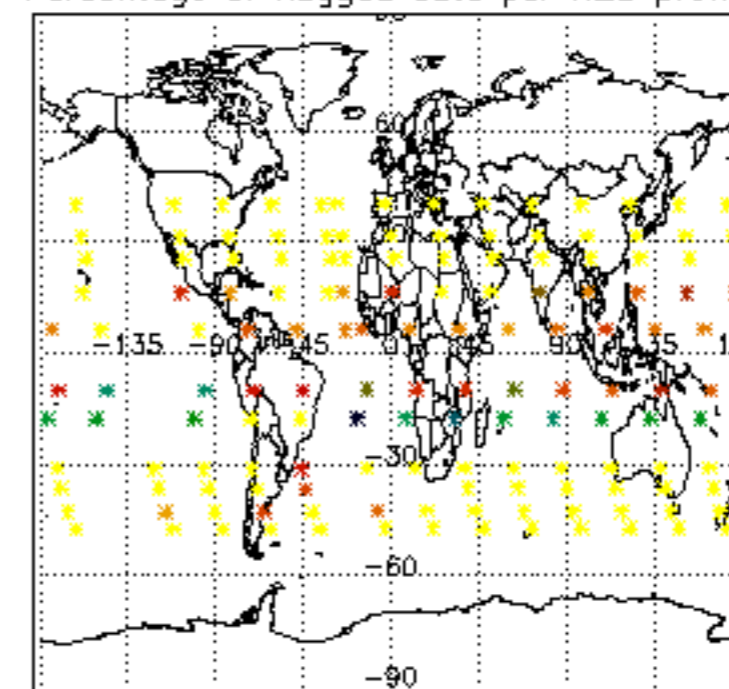
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	02-FEB-2008 00:02:22
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	02-FEB-2008 00:02:22
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	02-FEB-2008 00:02:22



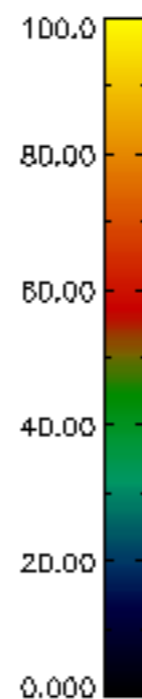
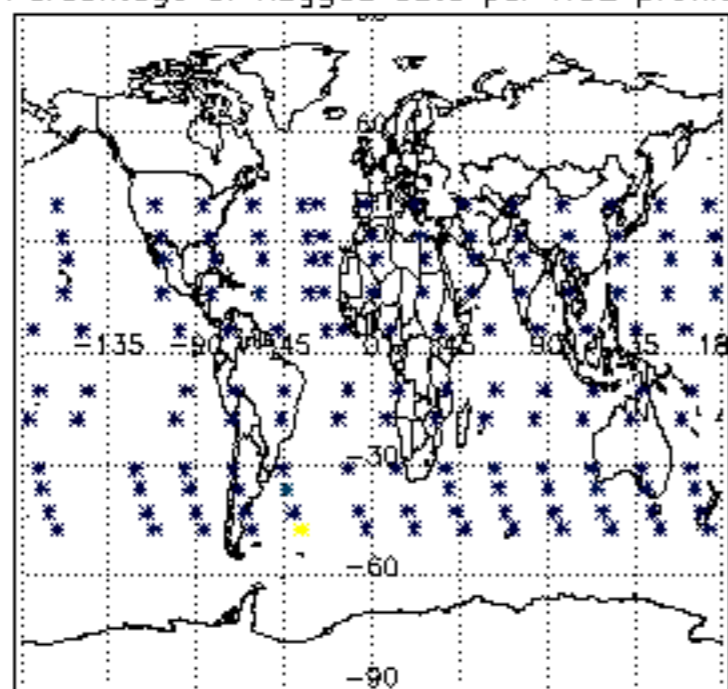
Percentage of flagged data per D3 profile



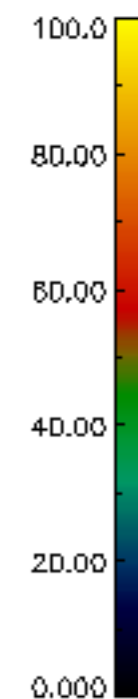
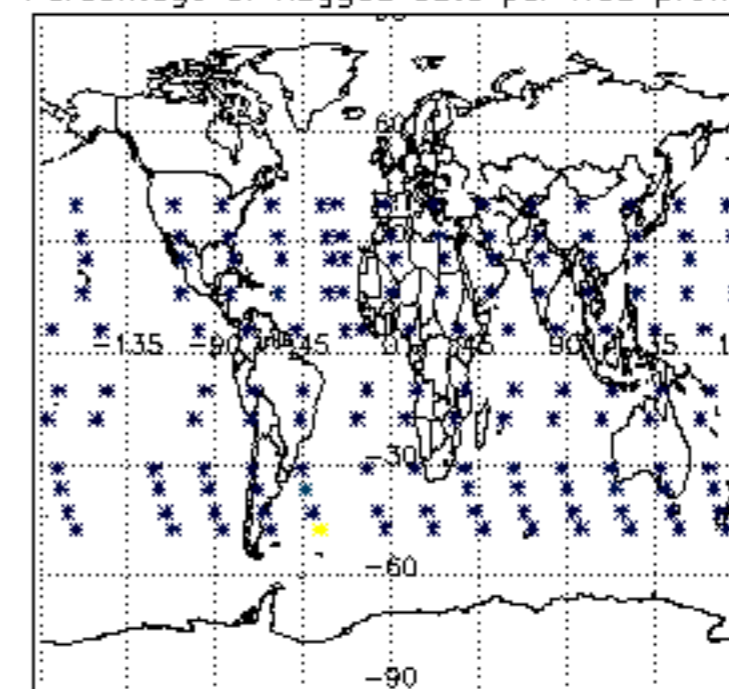
Percentage of flagged data per H2O profile

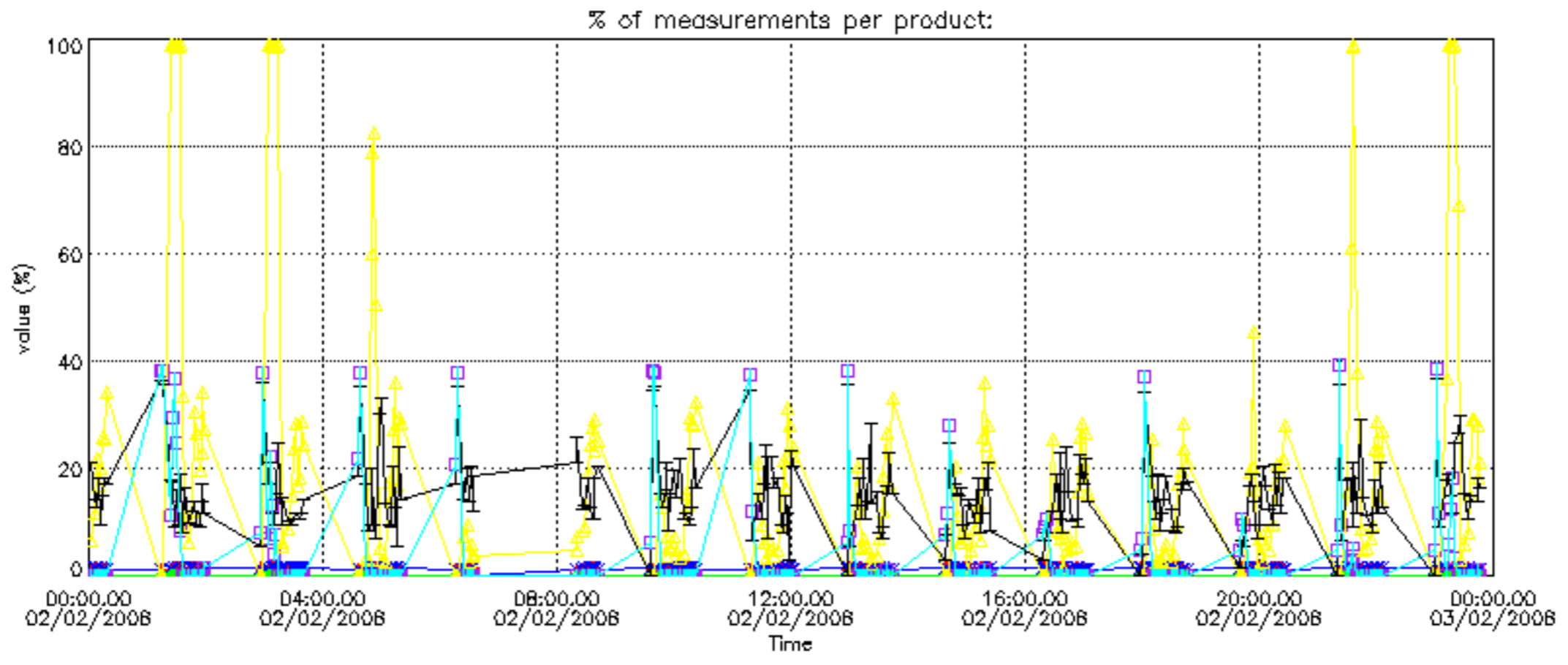


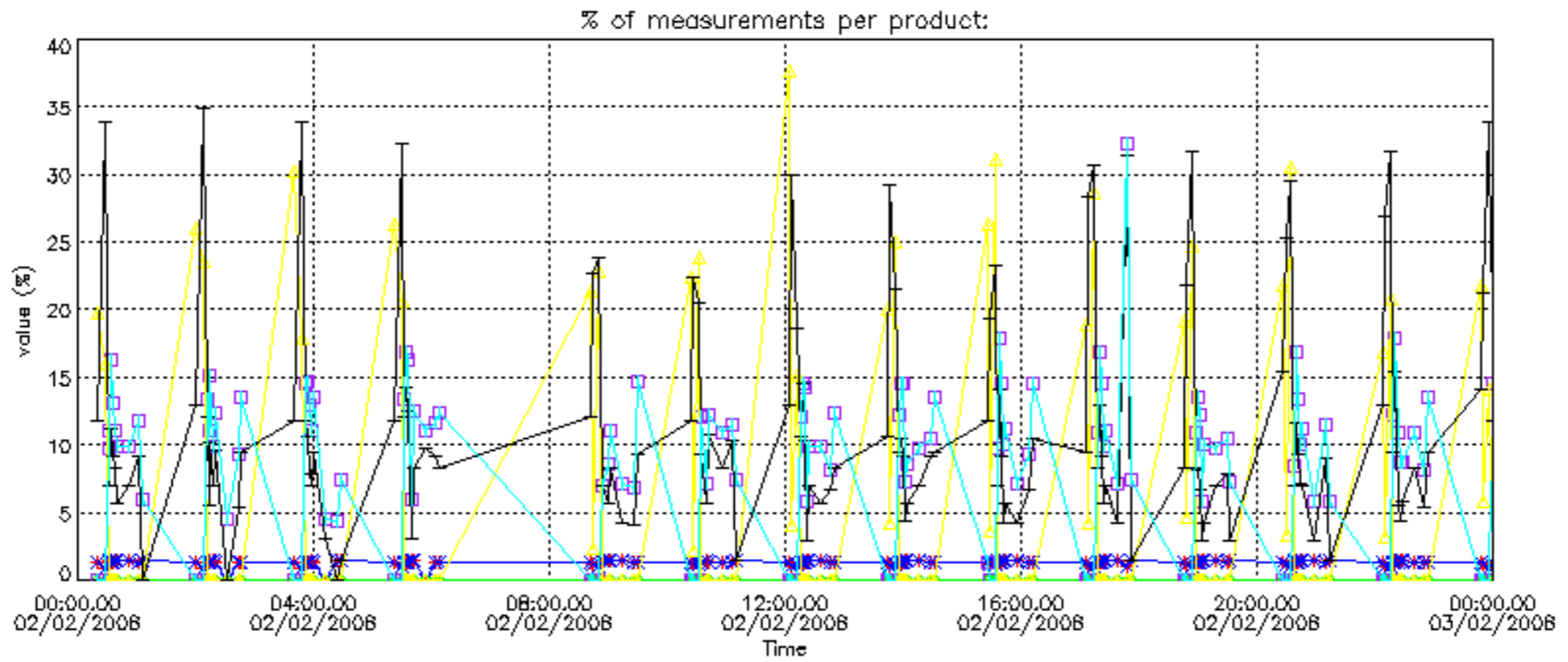
Percentage of flagged data per NO2 profile



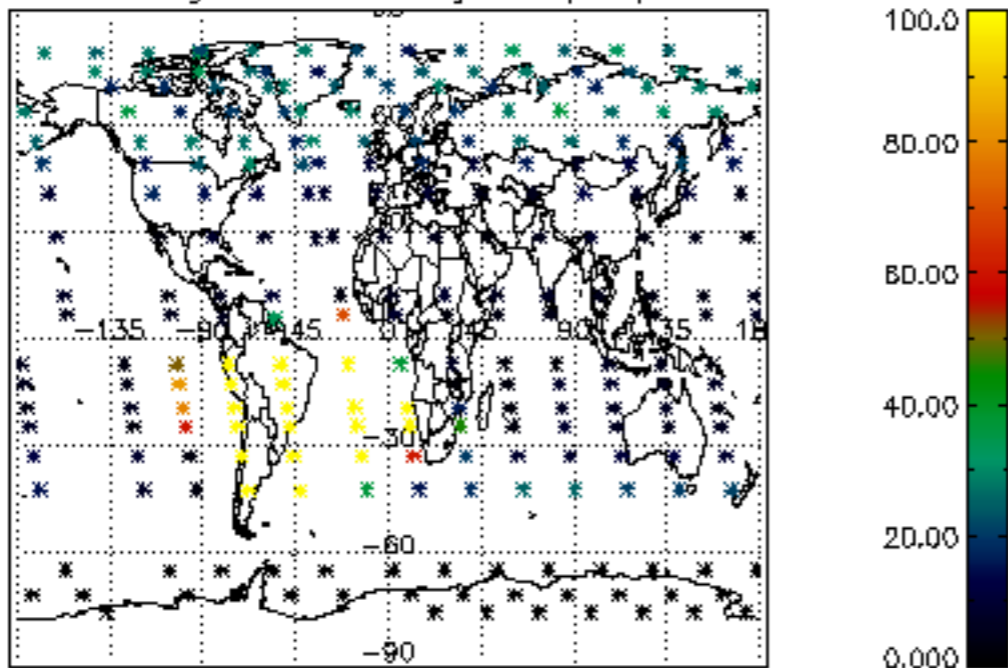
Percentage of flagged data per NO3 profile



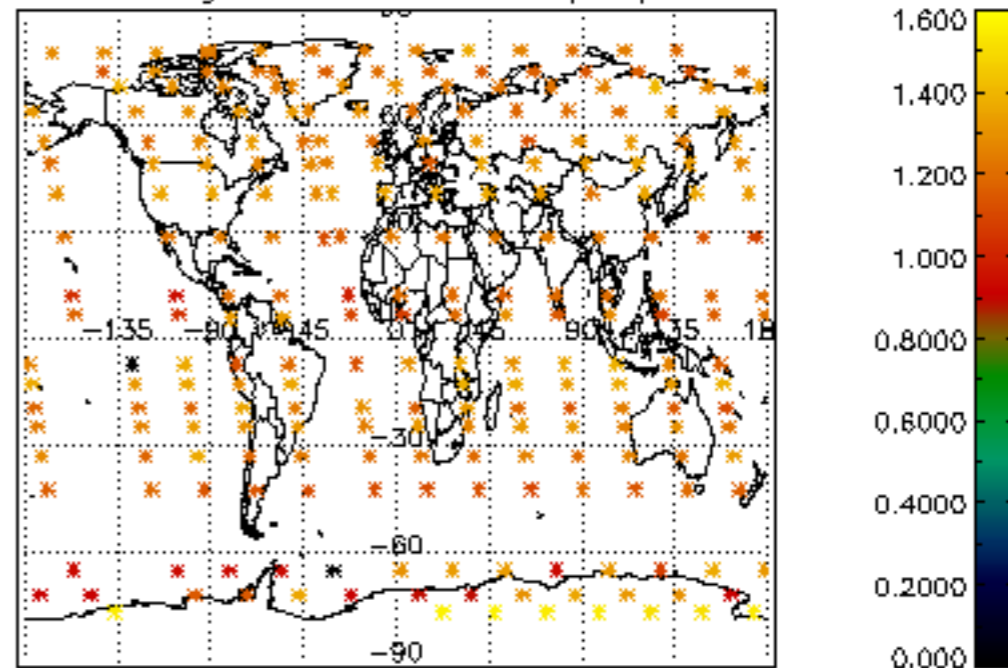




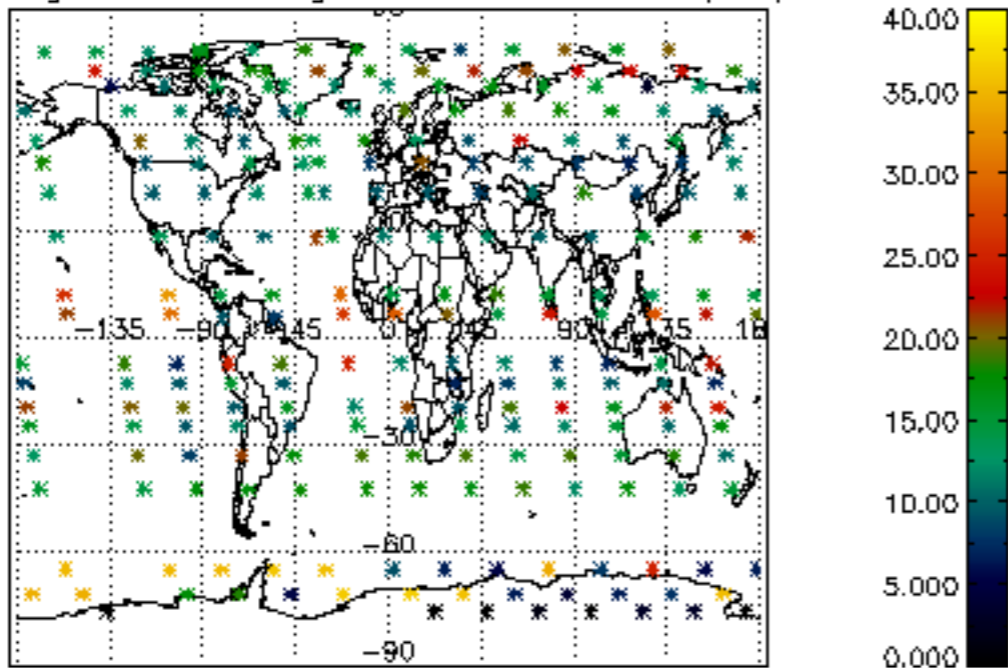
Percentage of cosmic ray hits per profile



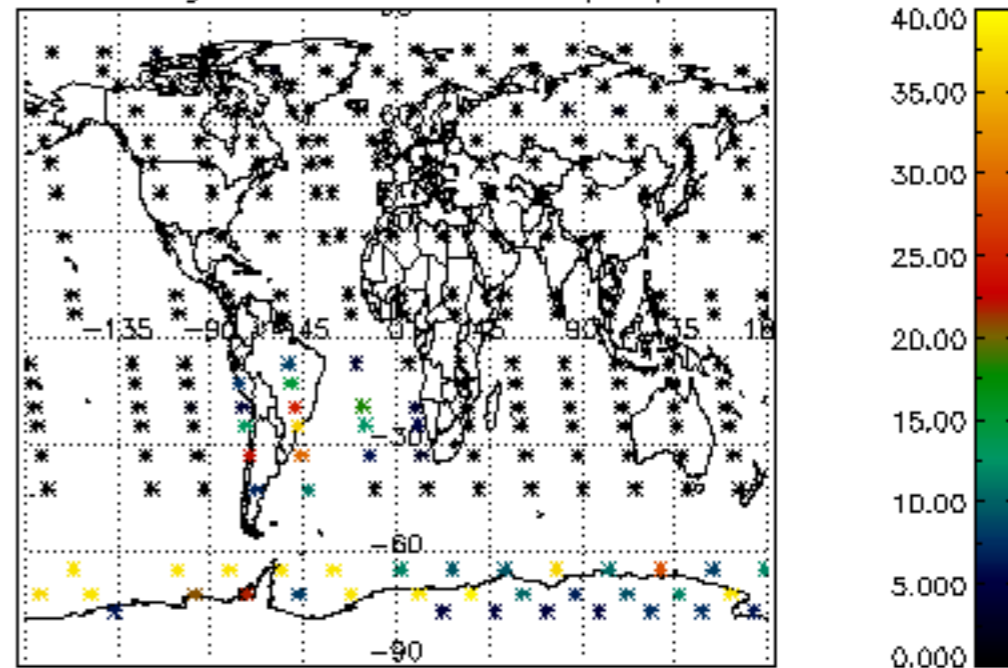
Percentage of datation errors per profile



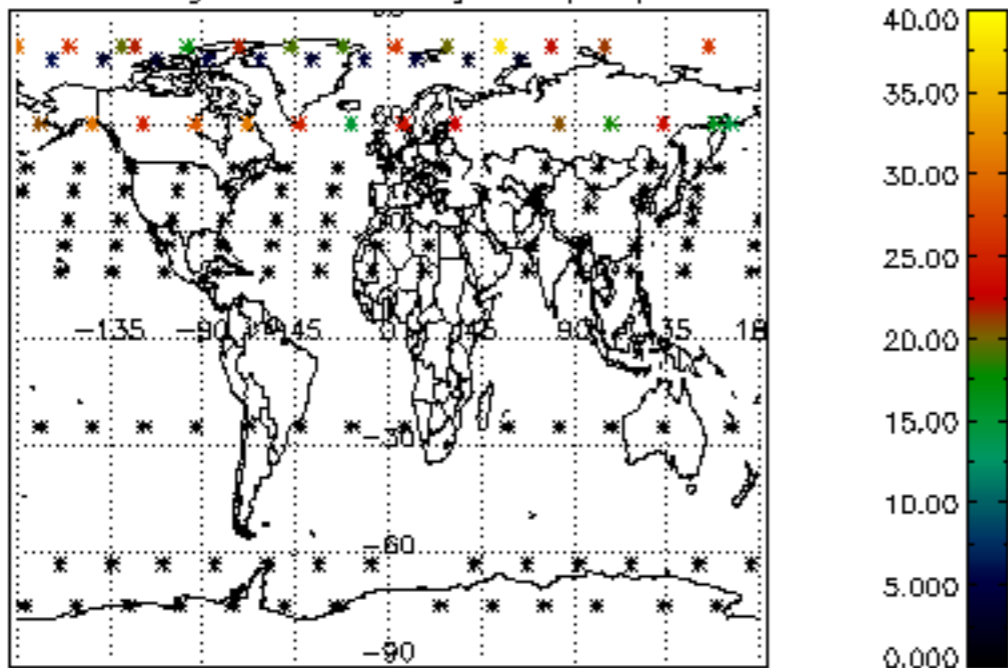
Percentage of star falling outside central band per profile



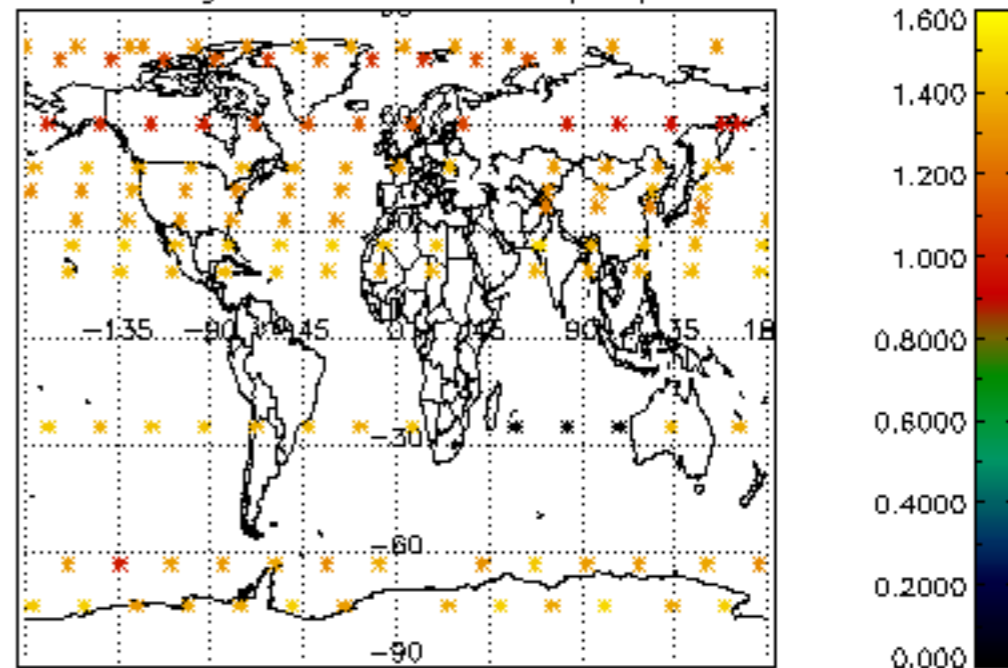
Percentage of saturation errors per profile



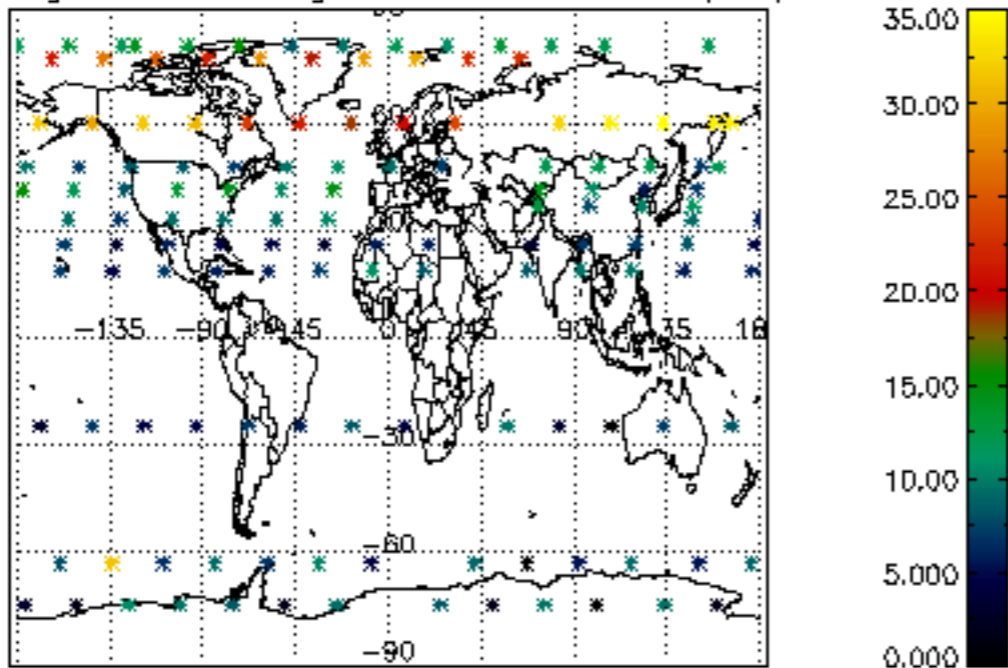
Percentage of cosmic ray hits per profile



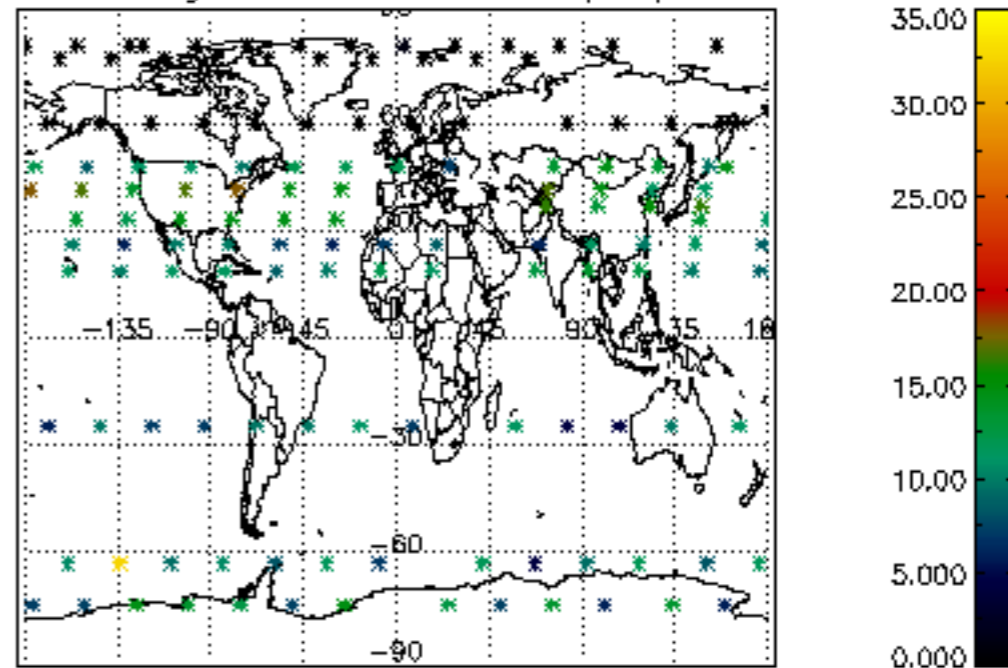
Percentage of datation errors per profile

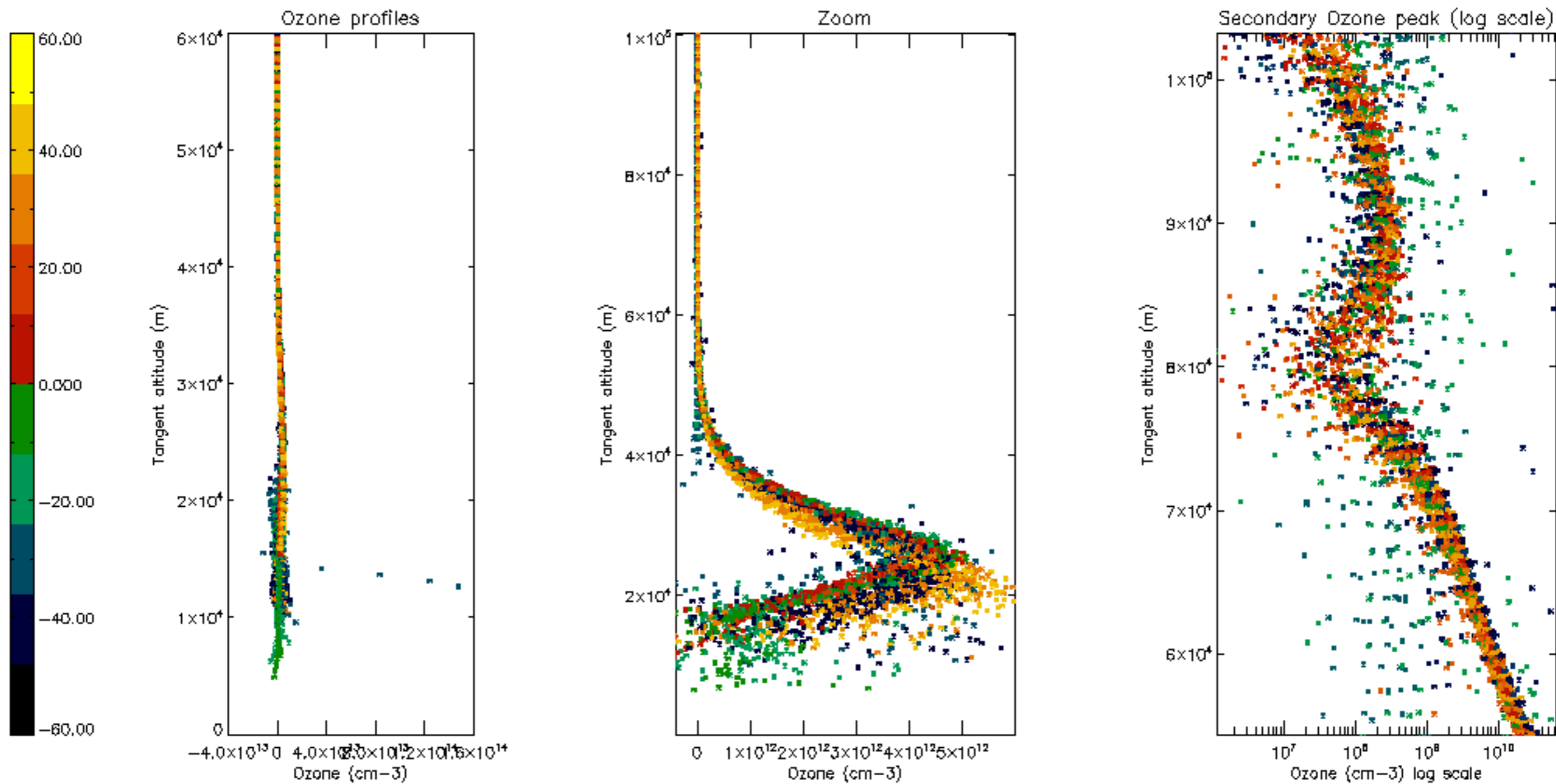


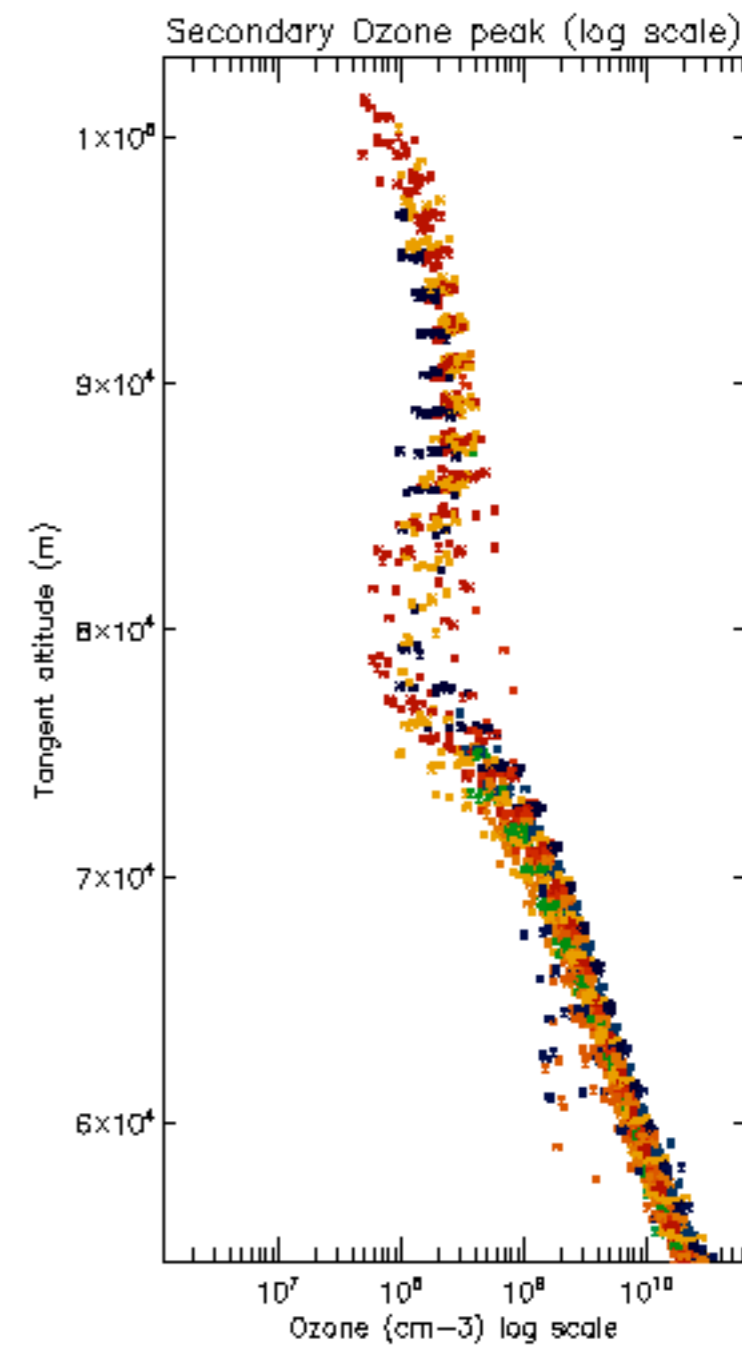
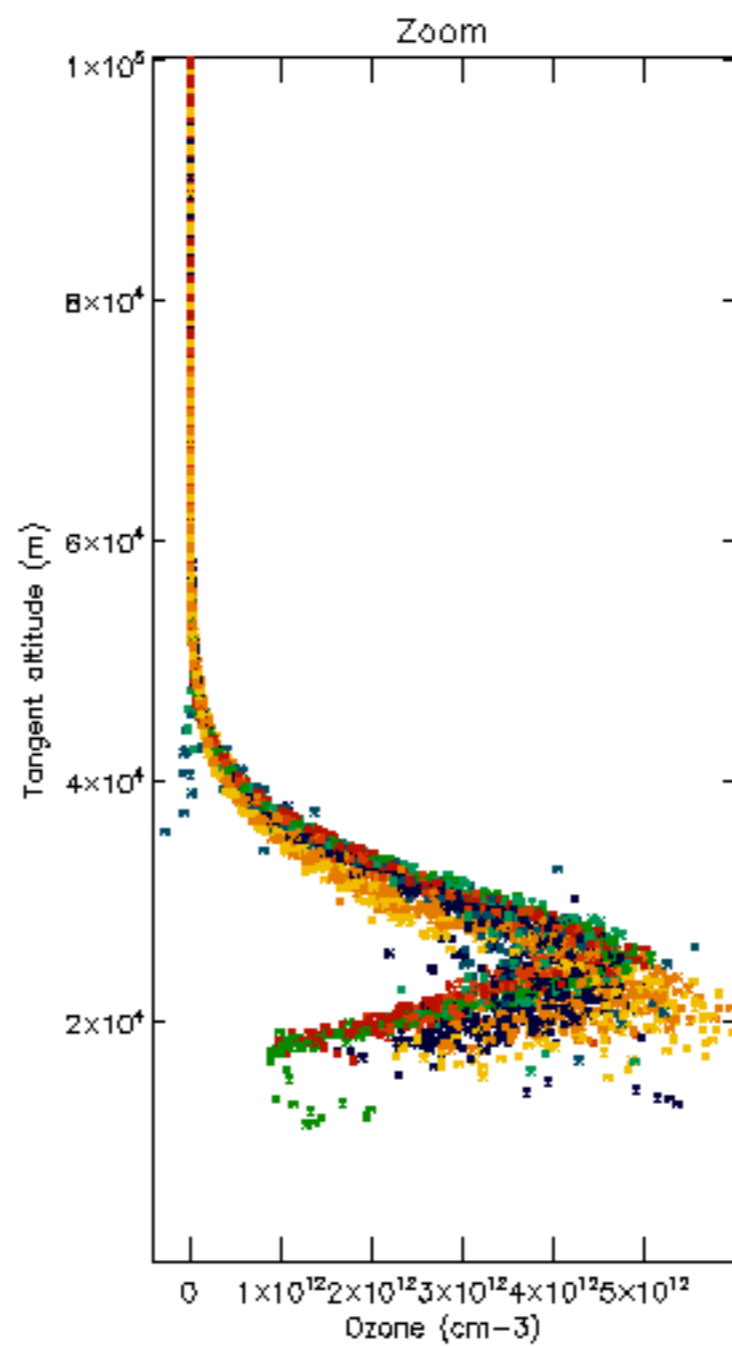
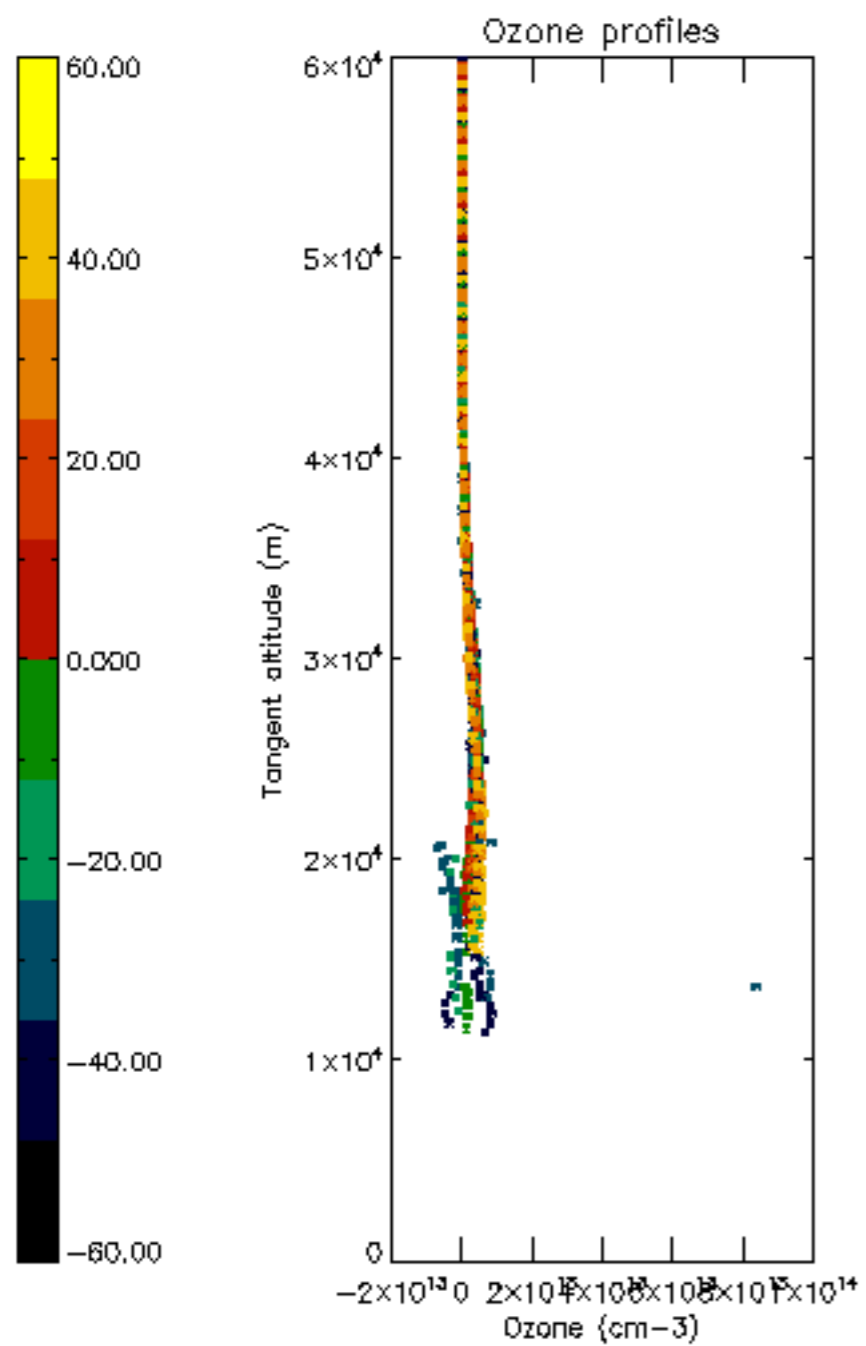
Percentage of star falling outside central band per profile

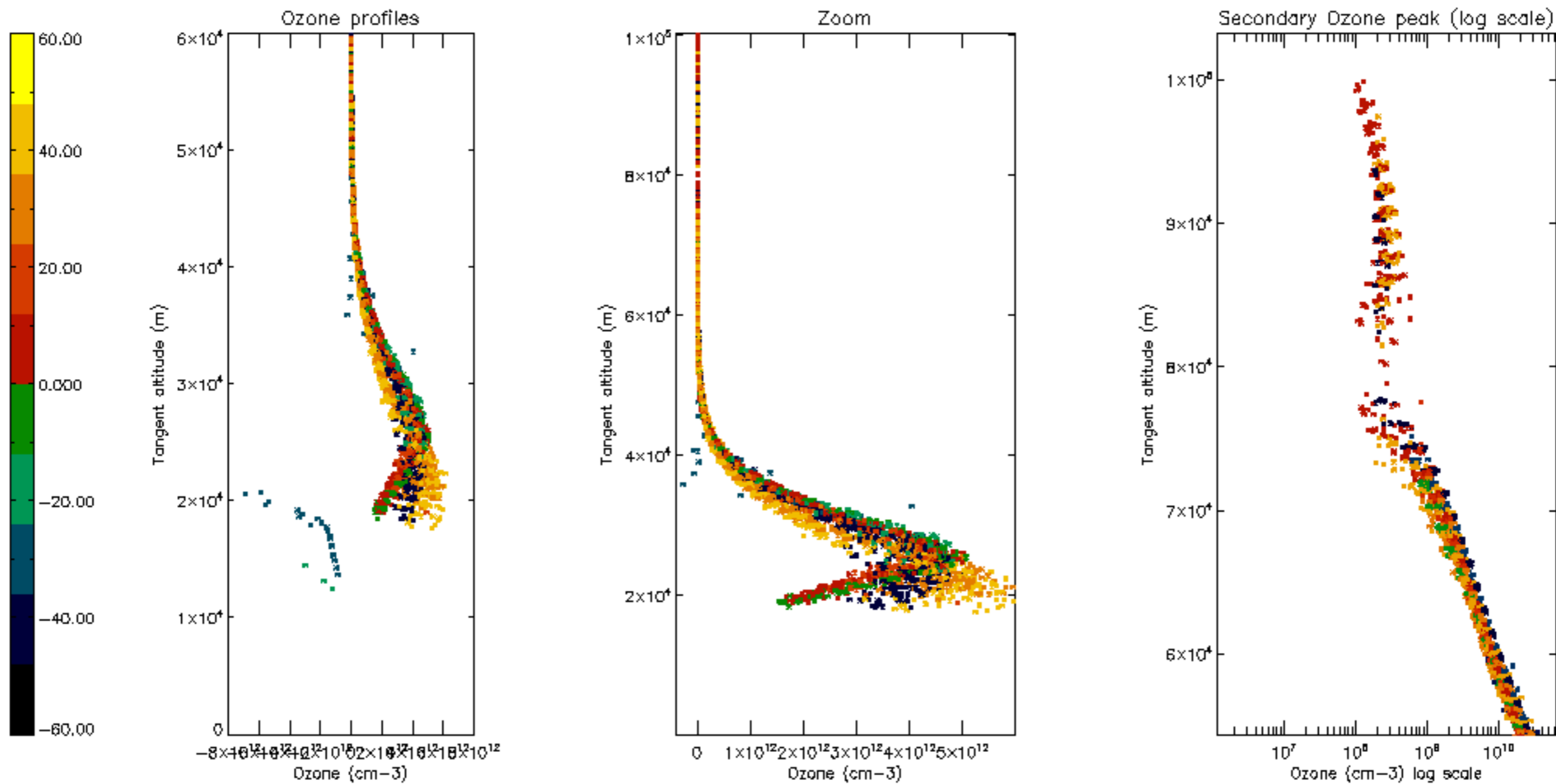


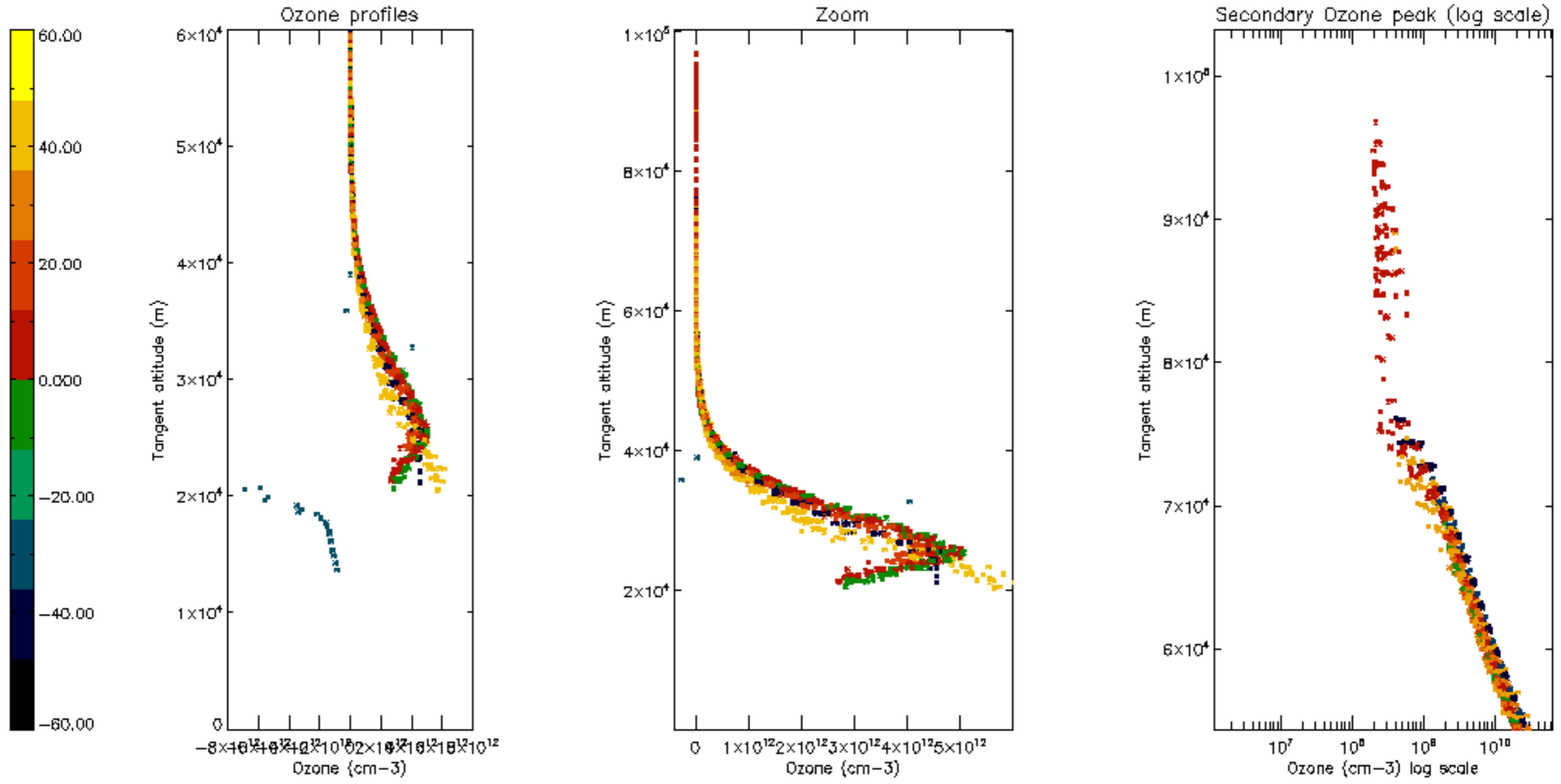
Percentage of saturation errors per profile

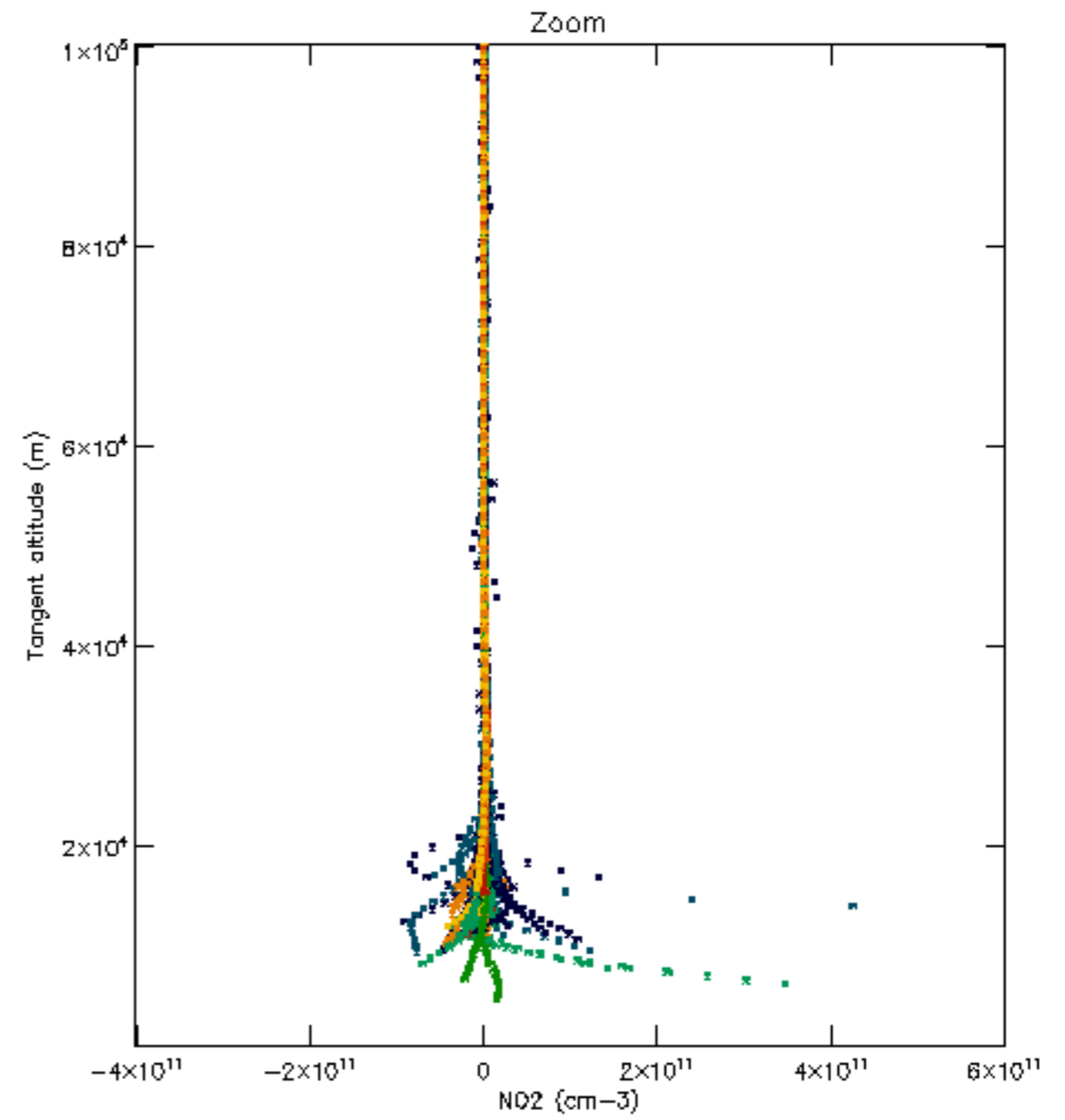
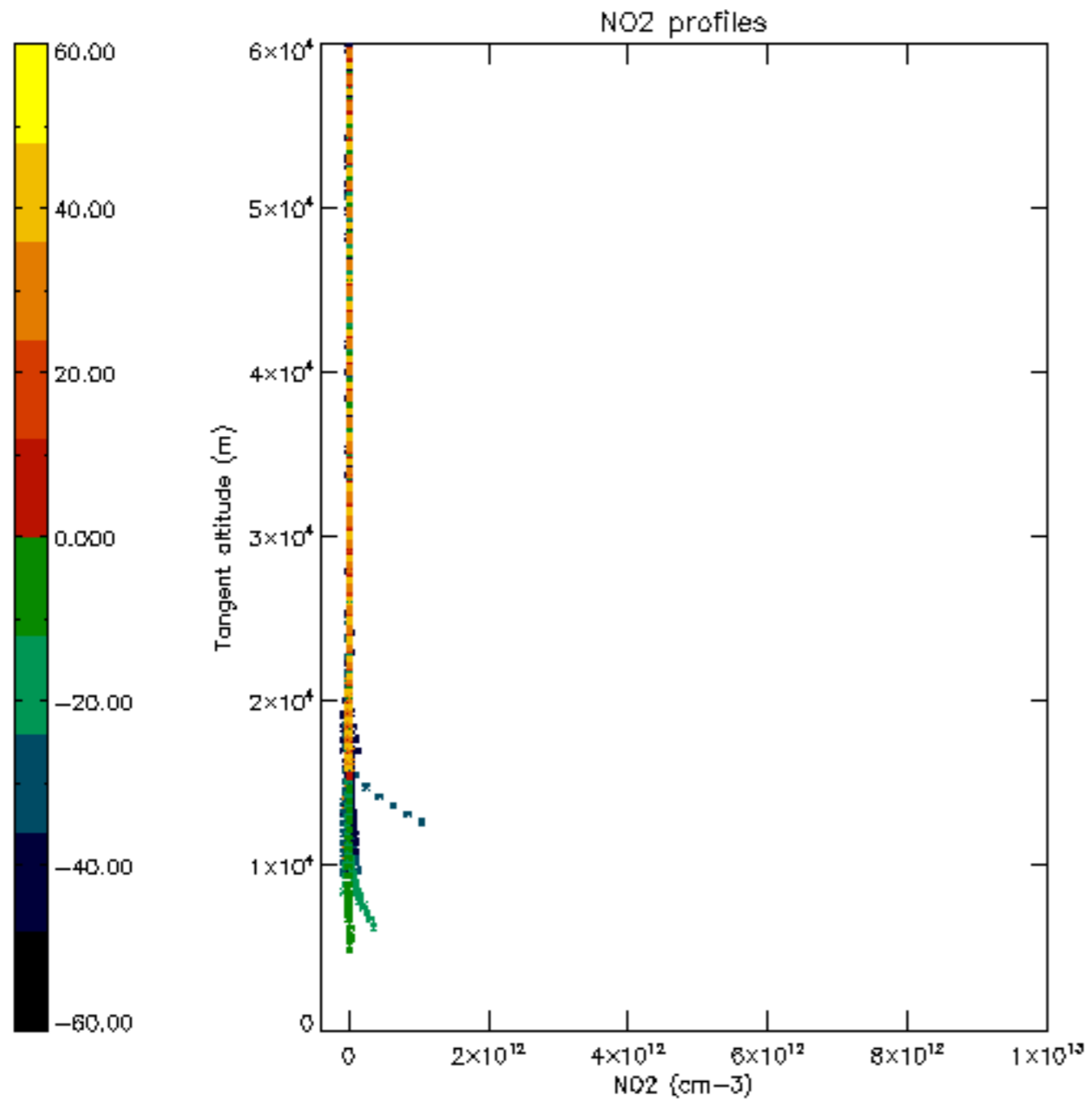


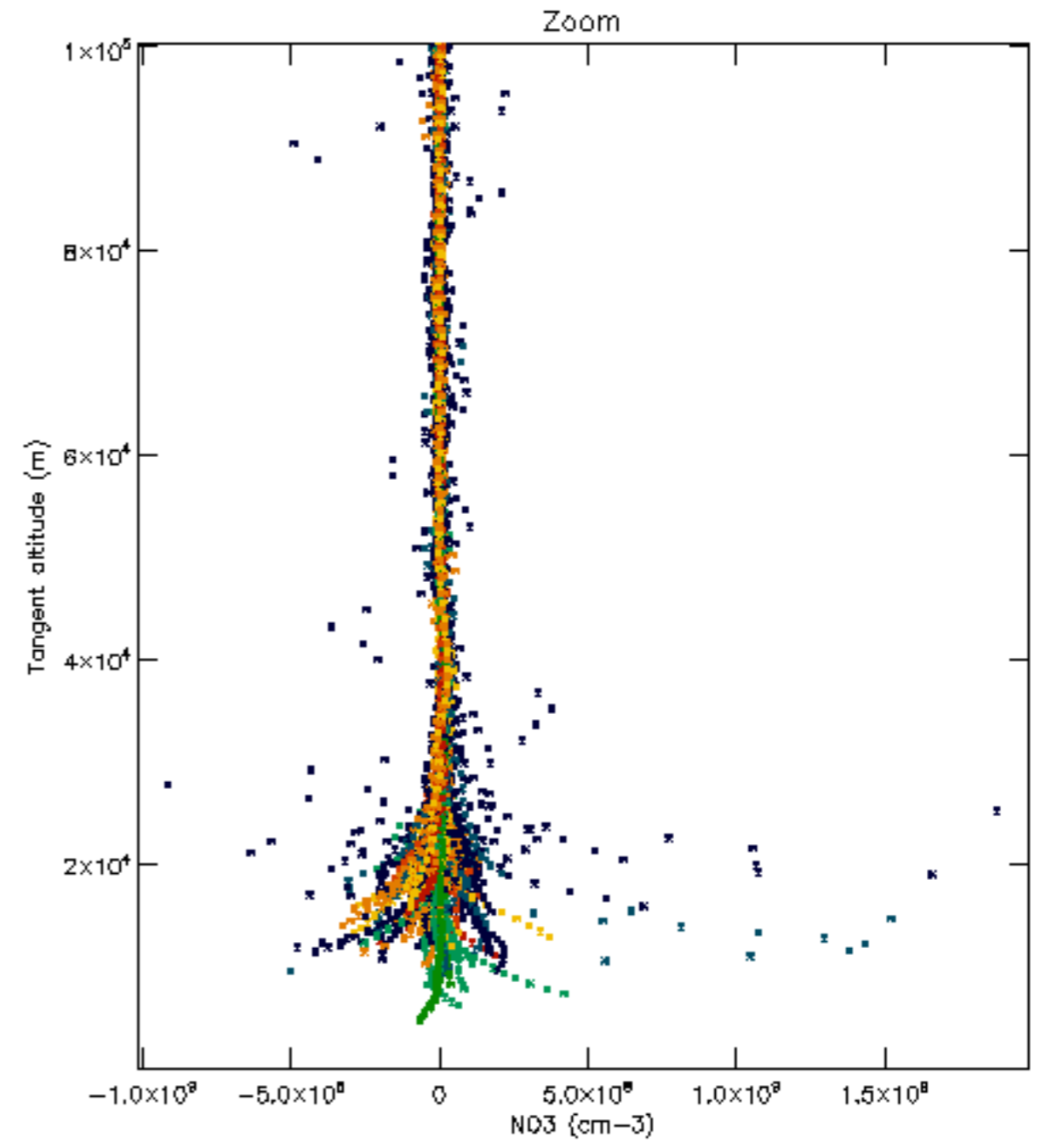
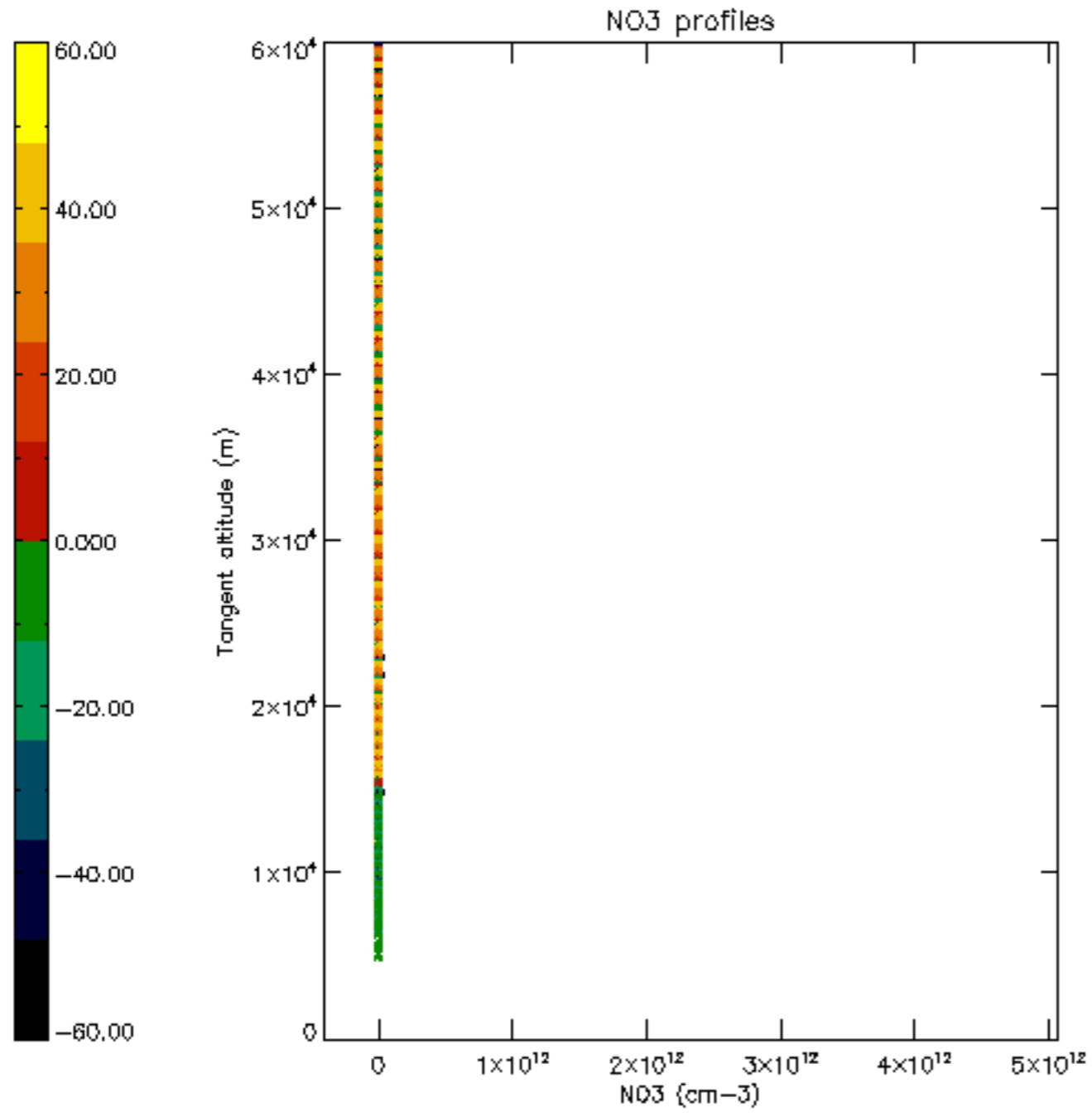


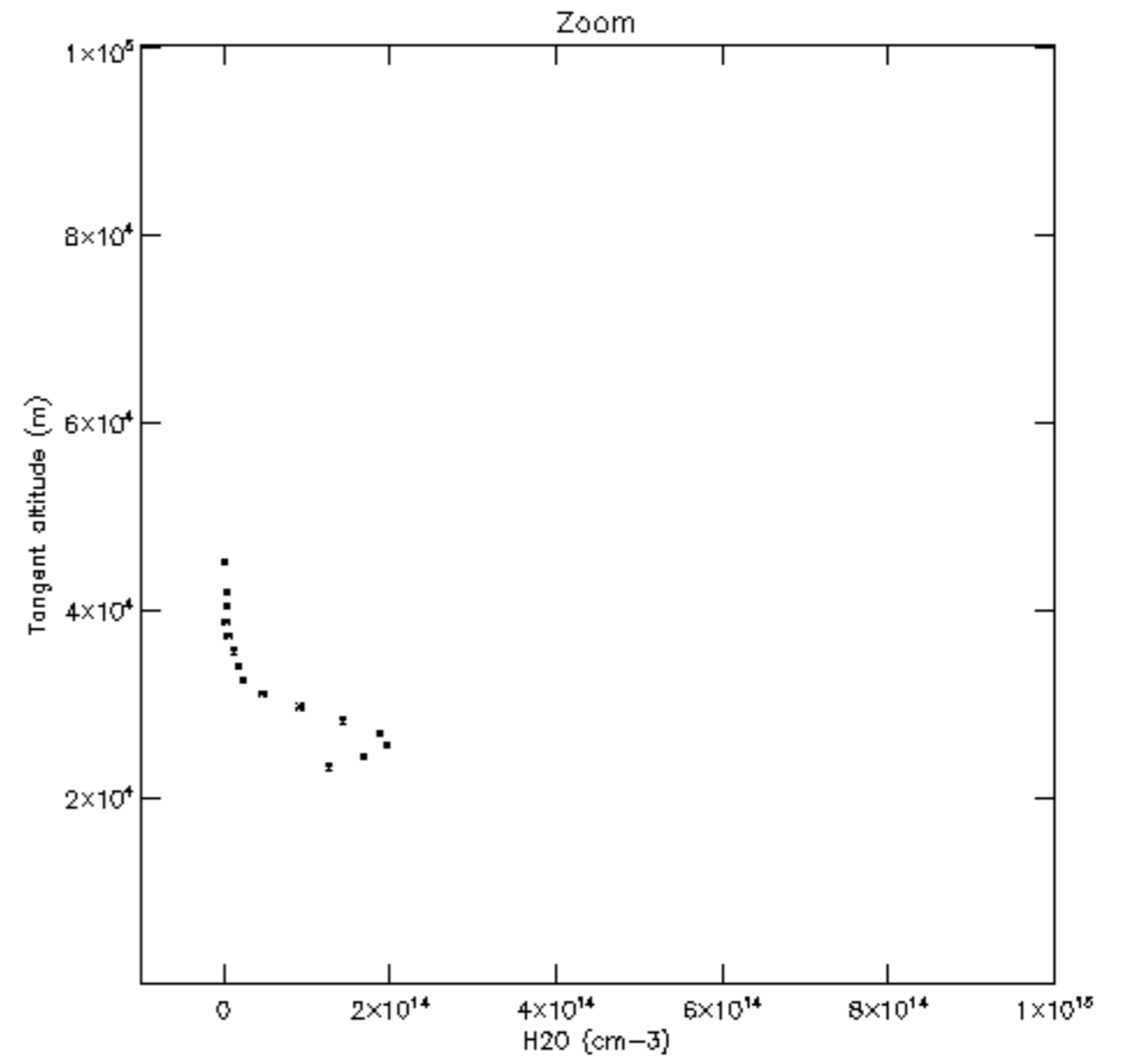
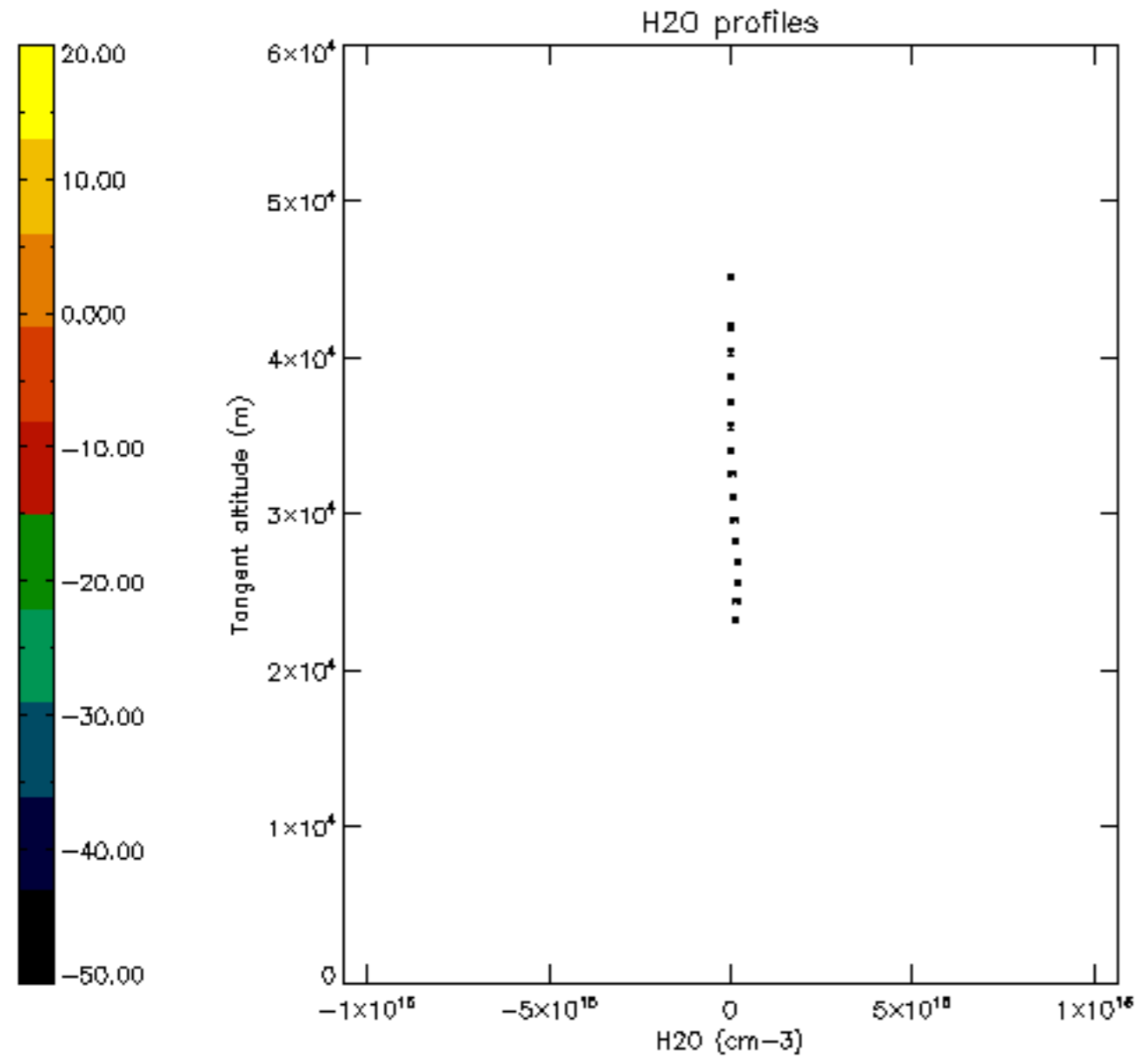


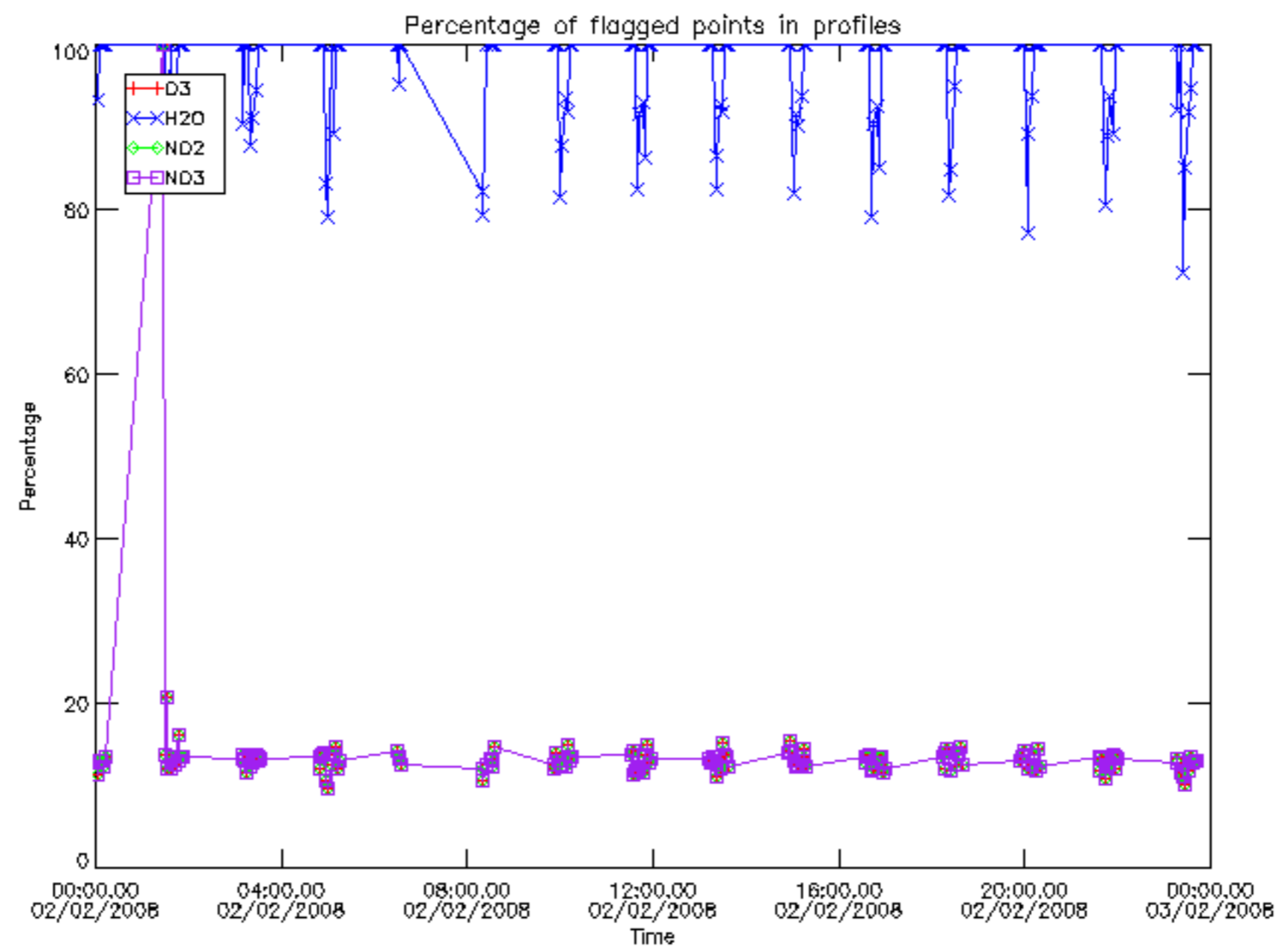




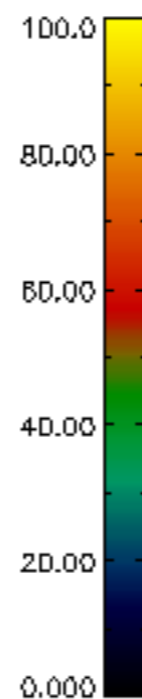
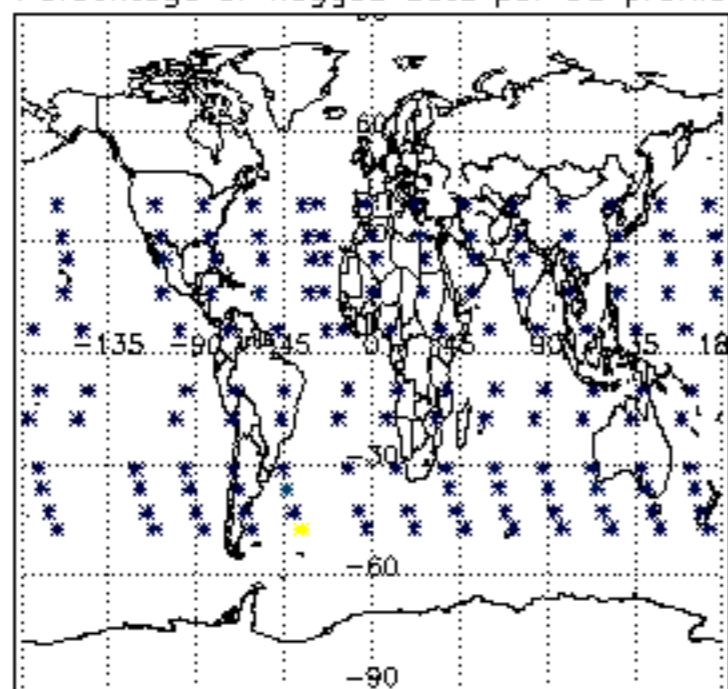




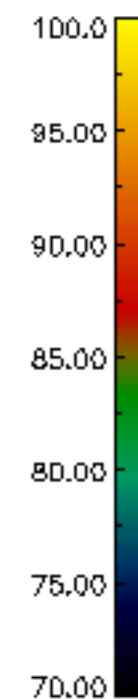
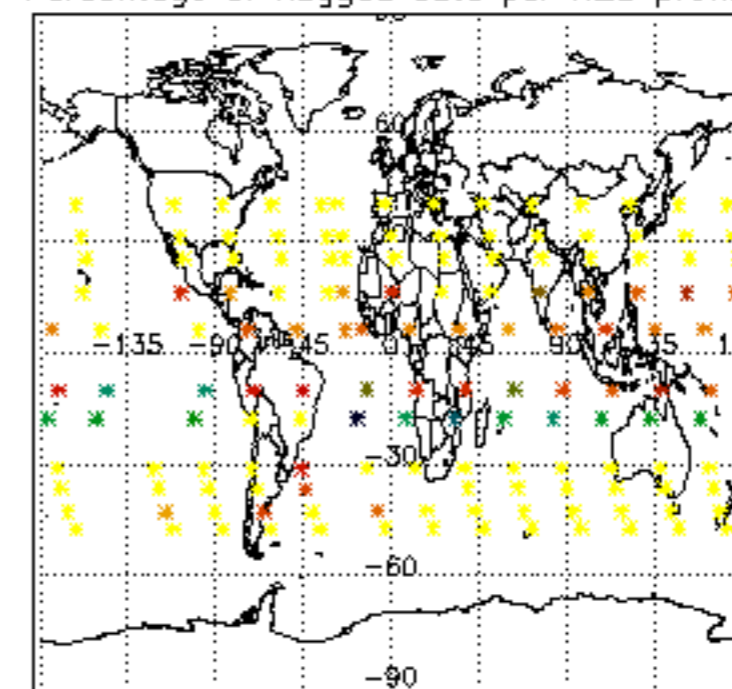




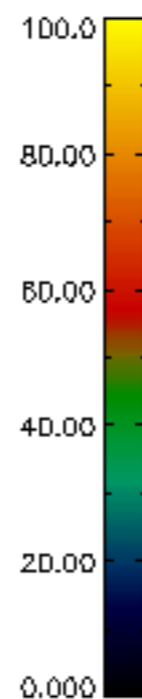
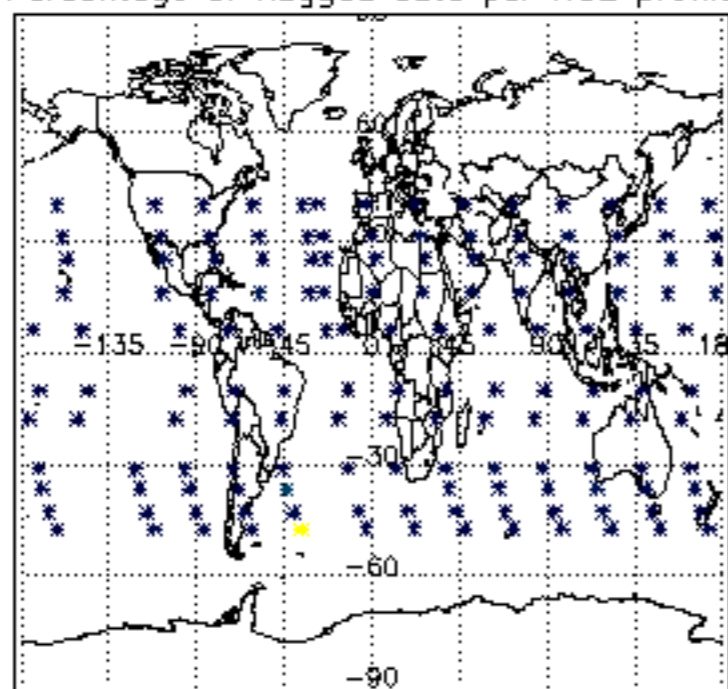
Percentage of flagged data per D3 profile



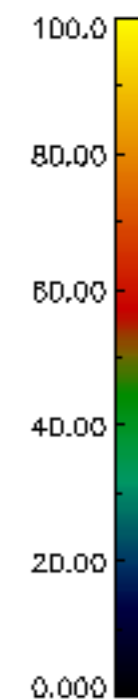
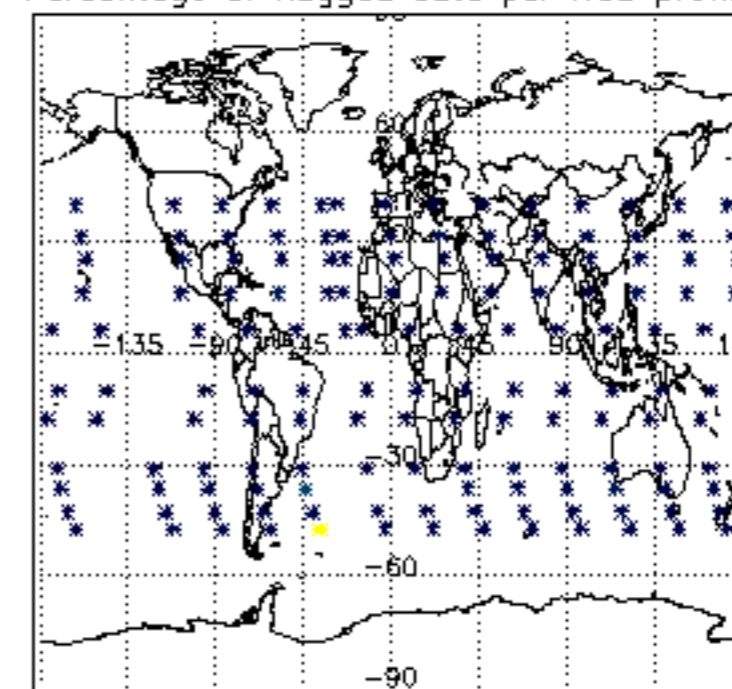
Percentage of flagged data per H2O profile

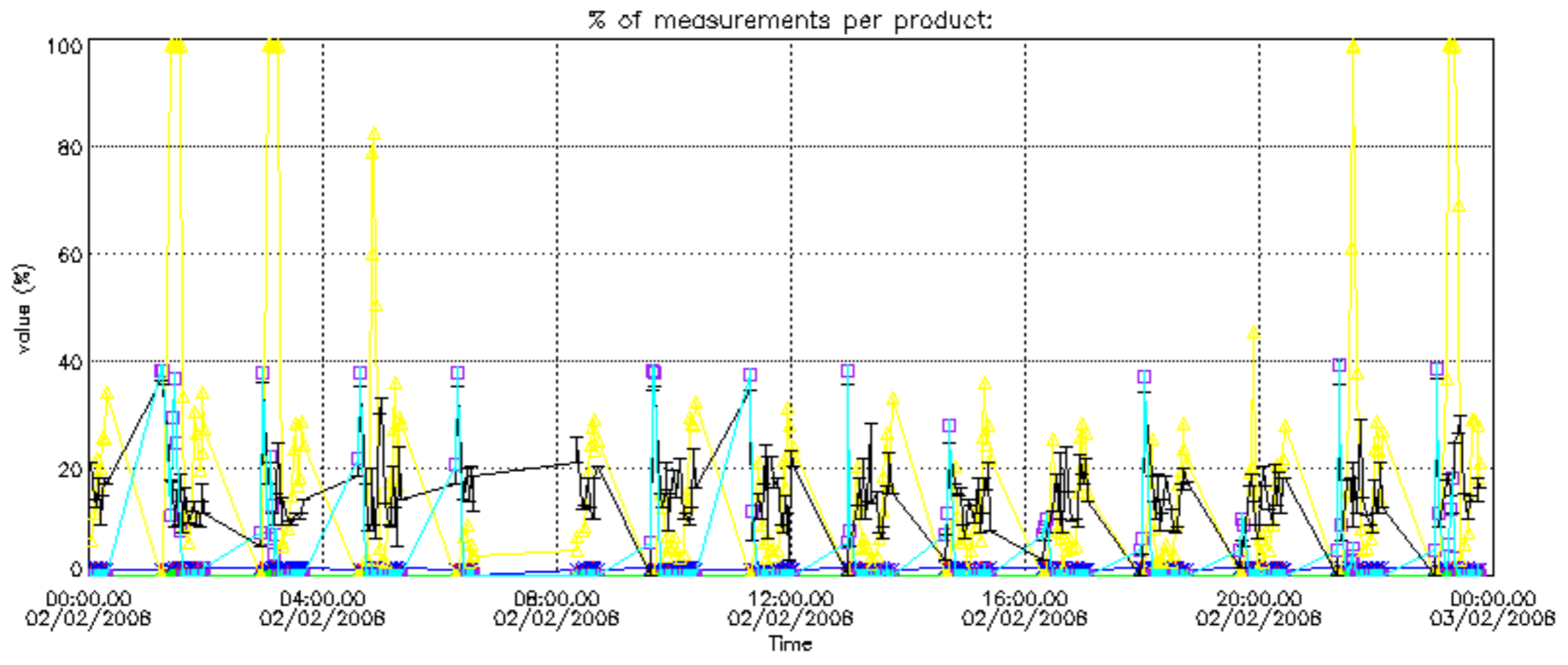


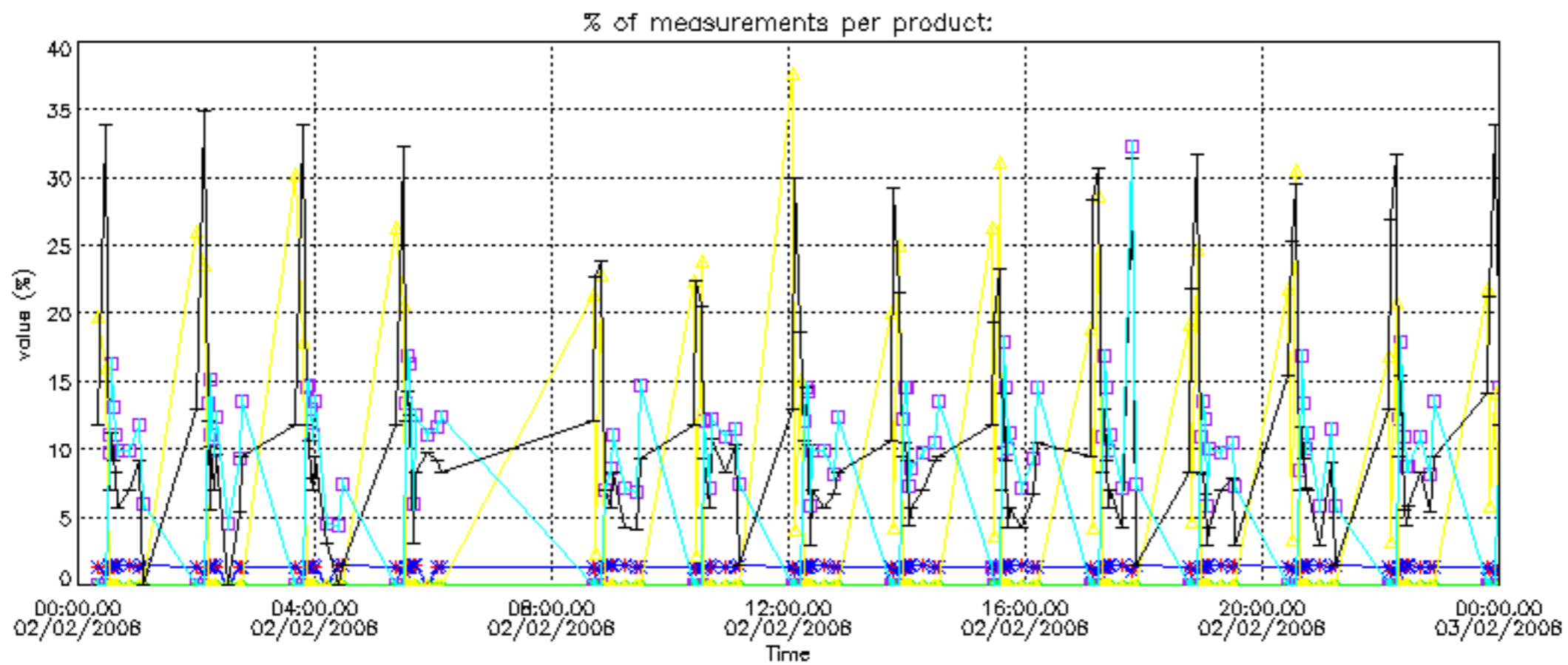
Percentage of flagged data per NO2 profile



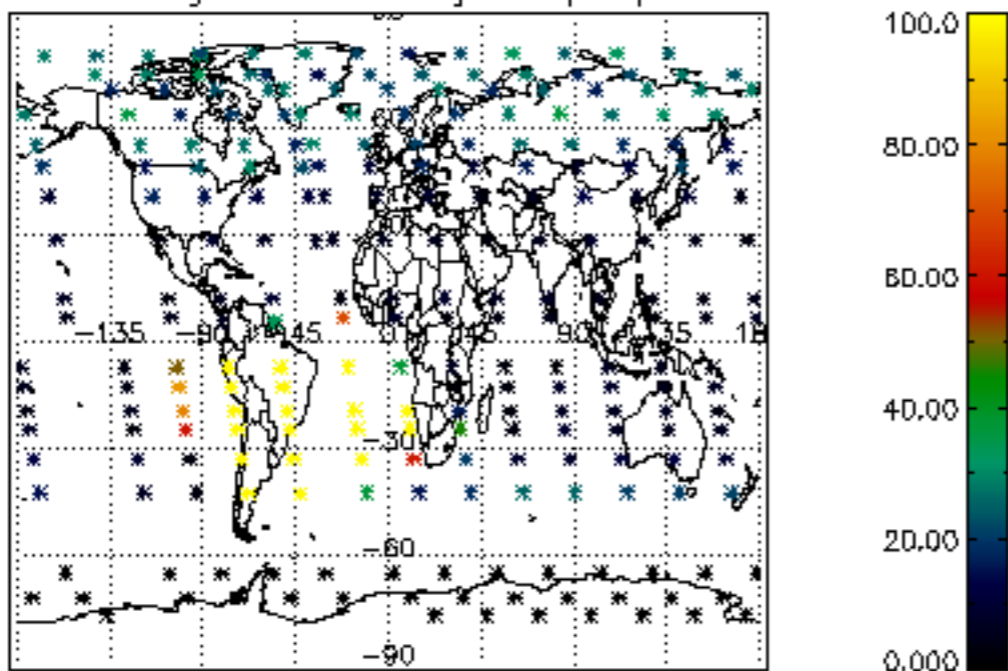
Percentage of flagged data per NO3 profile



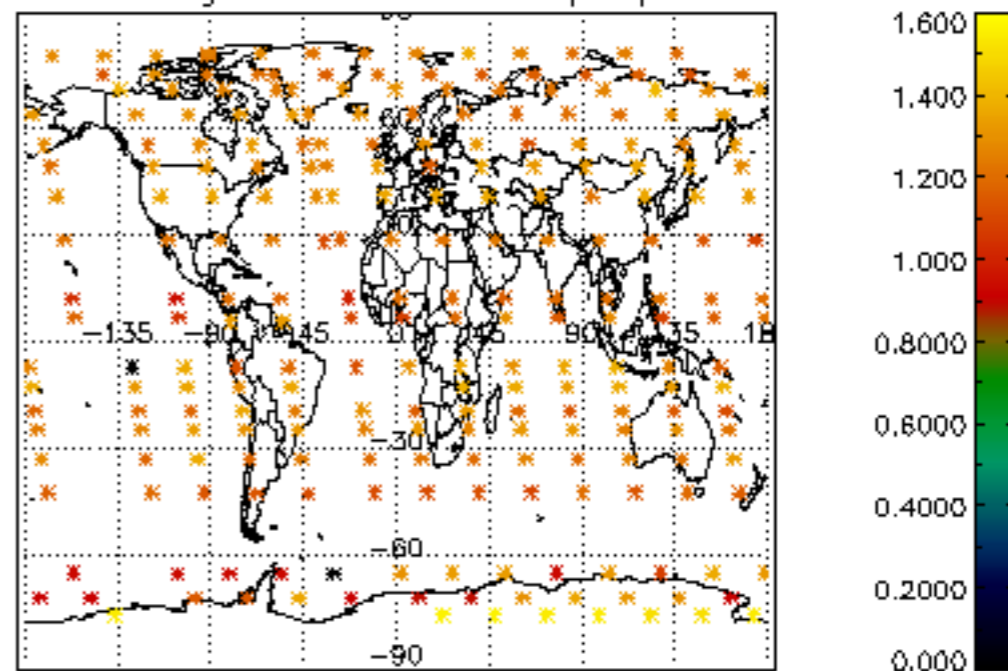




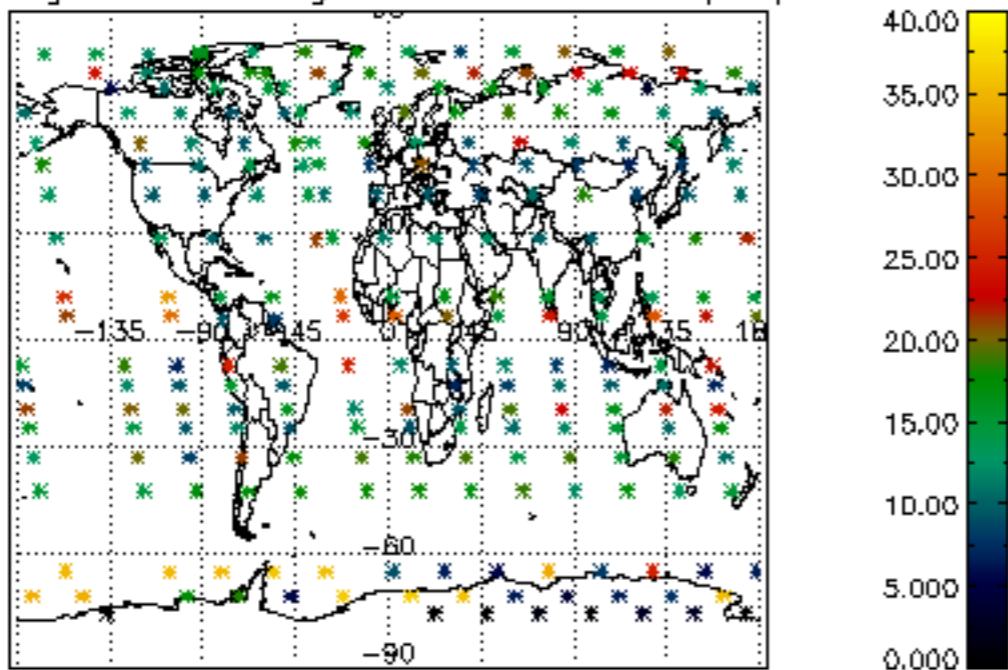
Percentage of cosmic ray hits per profile



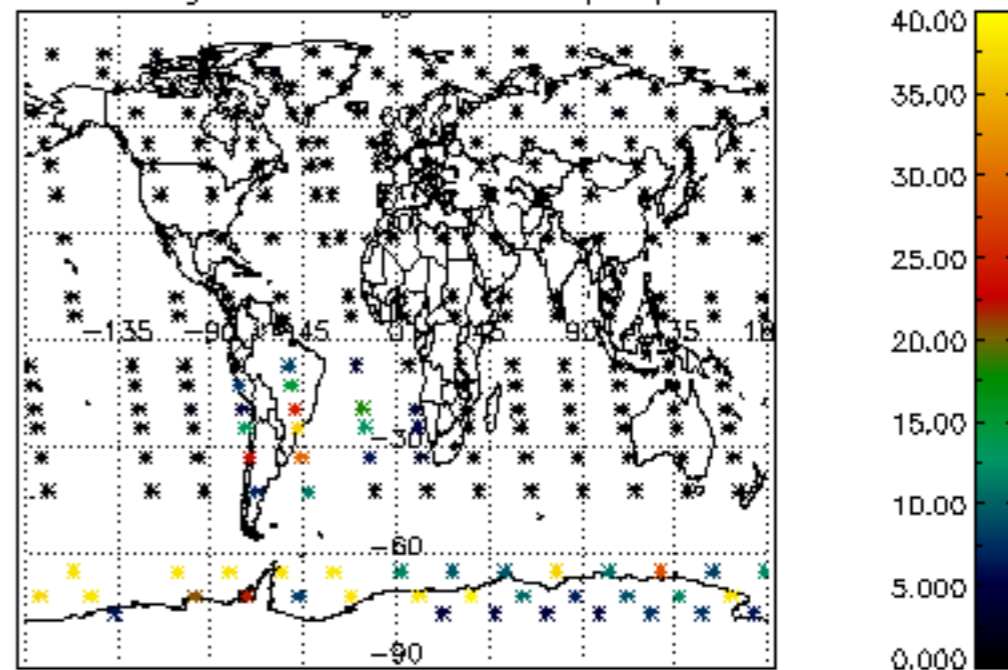
Percentage of datation errors per profile



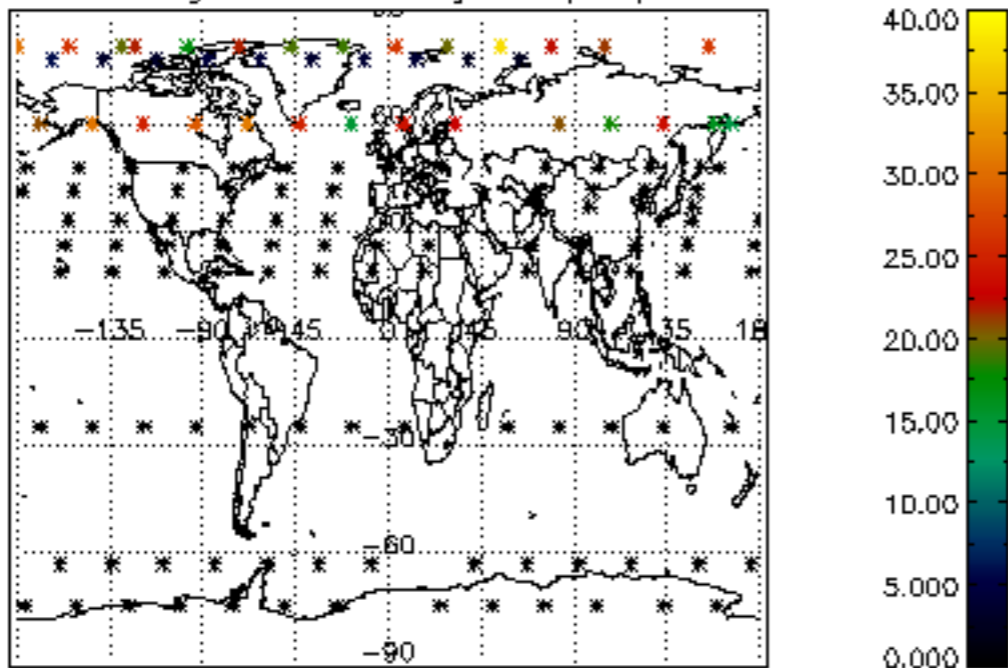
Percentage of star falling outside central band per profile



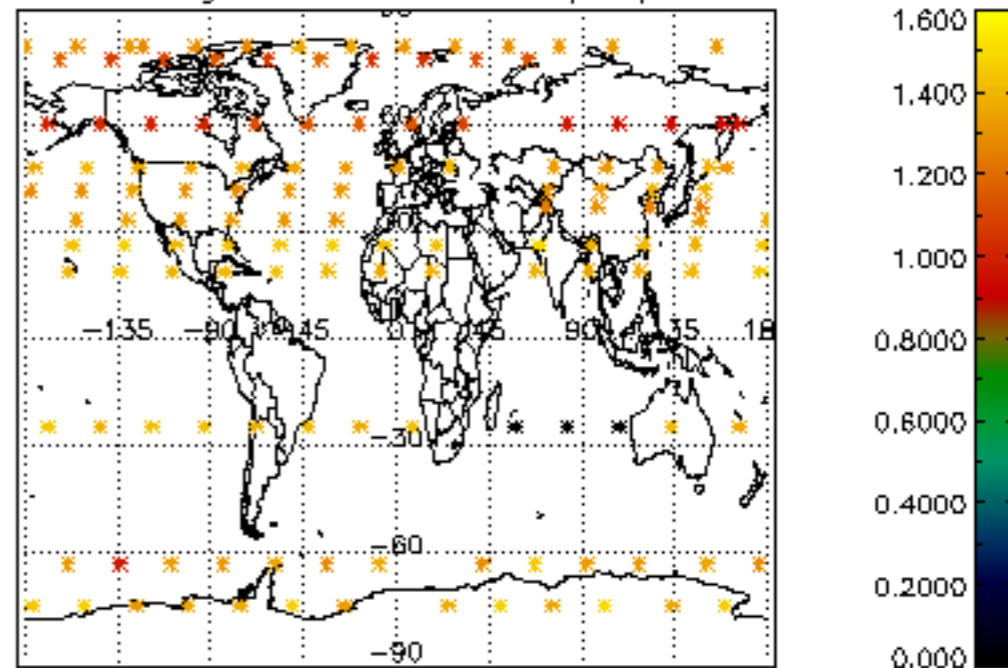
Percentage of saturation errors per profile



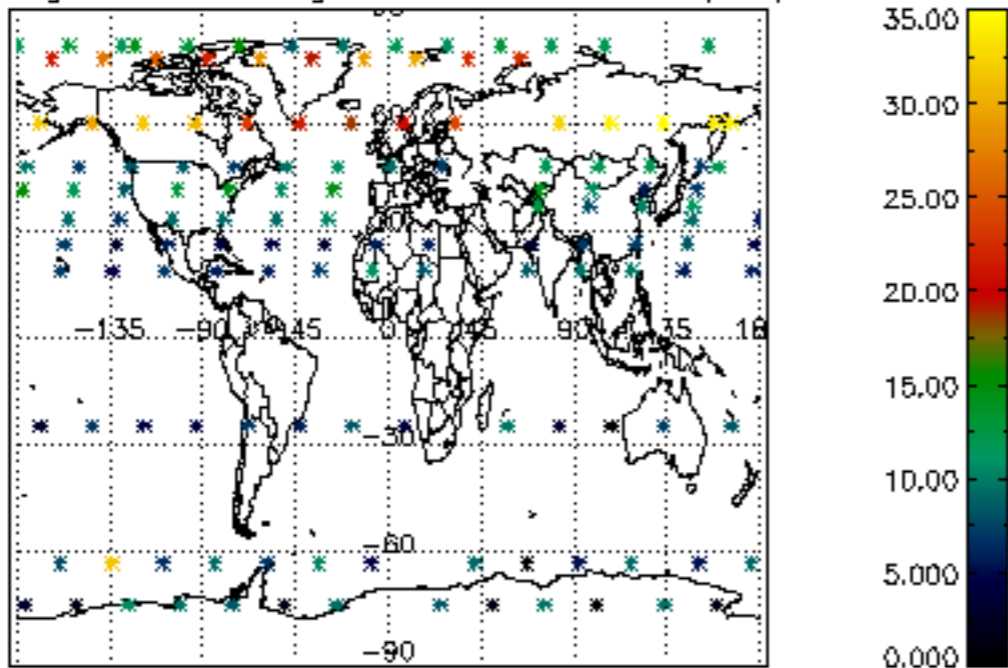
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

