

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	19APR2013 08:39:33
Data source version	GOMOS/6.01
Start time of products	15-08-2004 (15AUG2004 00:00:00)
Stop time of products	16-08-2004 (16AUG2004 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	421
Nb of prods with errors	0

2. Summary of processed GOM_NL__2P products.

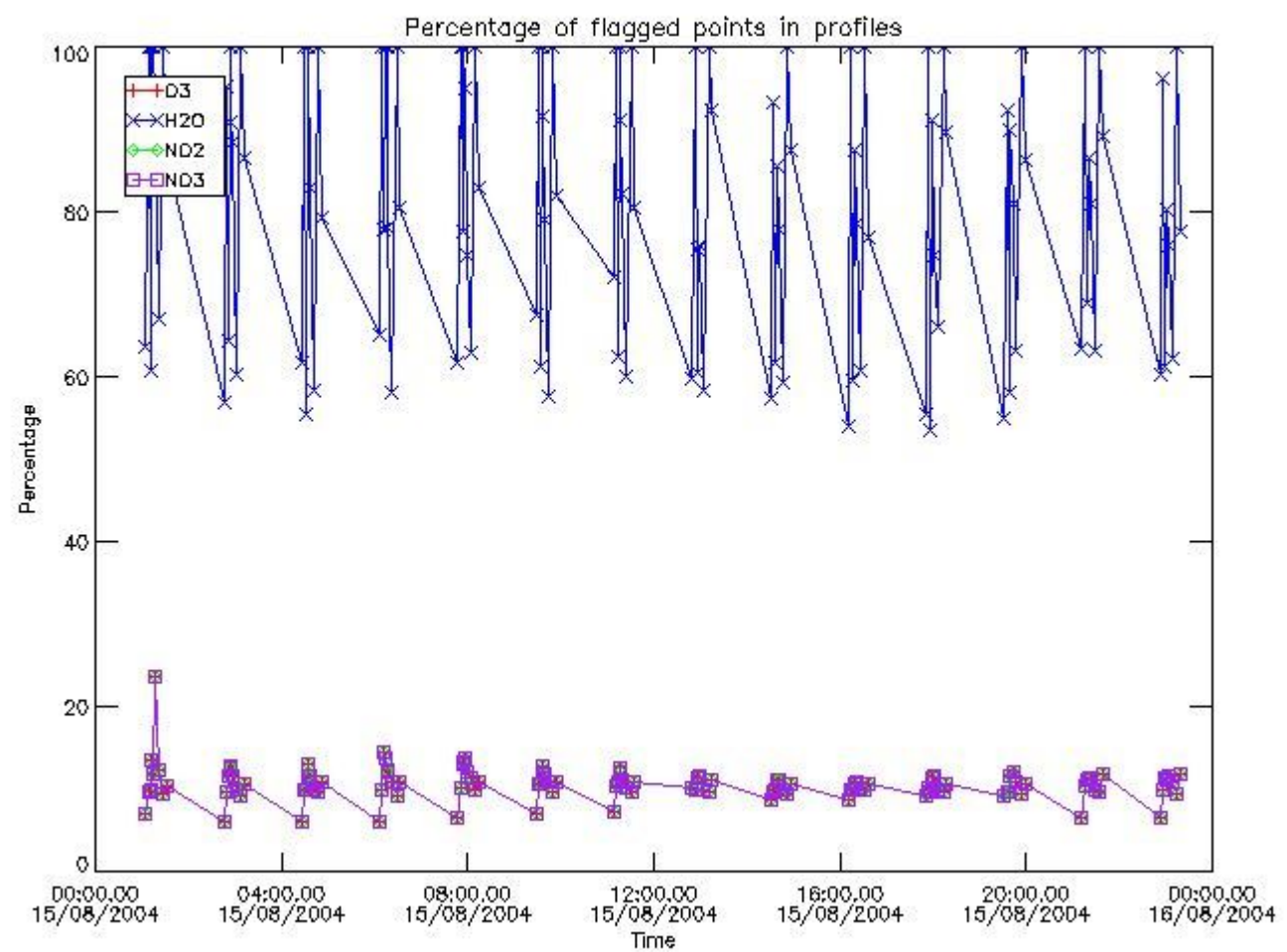
Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20040815_000353_000000602029_00274_12853_2476.N1	15-AUG-2004 00:03:53	Twilight	59.500	18	24Alp PsA	1.1660	9700.0	119	12853	No
2	GOM_NL__2PRFIN20040815_000937_000000462029_00274_12853_2477.N1	15-AUG-2004 00:09:37	Bright	46.000	142	49Del Cap	2.8500	8900.0	92	12853	No
3	GOM_NL__2PRFIN20040815_001307_000000452029_00274_12853_2478.N1	15-AUG-2004 00:13:07	Bright	44.500	154	22Bet Aqr	2.8990	5700.0	89	12853	No
4	GOM_NL__2PRFIN20040815_001513_000000512029_00274_12853_2479.N1	15-AUG-2004 00:15:13	Bright	51.000	162	34Alp Aqr	2.9440	5350.0	102	12853	No
5	GOM_NL__2PRFIN20040815_001731_000000392029_00274_12853_2480.N1	15-AUG-2004 00:17:31	Bright	39.000	11	53Alp Aql	0.76500	8000.0	78	12853	No
6	GOM_NL__2PRFIN20040815_001922_000000382029_00274_12853_2481.N1	15-AUG-2004 00:19:22	Bright	38.000	168	17Zet Aql	2.9860	11000.	76	12853	No
7	GOM_NL__2PRFIN20040815_002452_000000402029_00274_12853_2482.N1	15-AUG-2004 00:24:52	Bright	39.500	92	53Eps Cyg	2.5000	4500.0	79	12853	No
8	GOM_NL__2PRFIN20040815_003036_000000412029_00274_12853_2483.N1	15-AUG-2004 00:30:36	Bright	40.500	69	33Gam Dra	2.2310	3800.0	81	12853	No
9	GOM_NL__2PRFIN20040815_003327_000000382029_00274_12853_2484.N1	15-AUG-2004 00:33:27	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	12853	No
10	GOM_NL__2PRFIN20040815_003854_000000382029_00274_12853_2485.N1	15-AUG-2004 00:38:54	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	12853	No
11	GOM_NL__2PRFIN20040815_004025_000000392029_00274_12853_2486.N1	15-AUG-2004 00:40:25	Bright	39.000	49	1Alp UMi	1.9900	6300.0	78	12853	No
12	GOM_NL__2PRFIN20040815_004159_000000492029_00274_12853_2487.N1	15-AUG-2004 00:41:59	Bright	48.500	110	37Del Cas	2.6780	8900.0	97	12853	No
13	GOM_NL__2PRFIN20040815_004752_000000562029_00274_12853_2488.N1	15-AUG-2004 00:47:52	Bright	55.500	160	23Gam Per	2.9300	4700.0	111	12853	No
14	GOM_NL__2PRFIN20040815_004950_000000602029_00274_12853_2489.N1	15-AUG-2004 00:49:50	Bright	60.000	35	33Alp Per	1.7950	6250.0	120	12853	No
15	GOM_NL__2PRFIN20040815_005323_000000732029_00274_12853_2490.N1	15-AUG-2004 00:53:23	Bright	72.500	79	26Bet Per	2.3100	13100.	145	12853	No
16	GOM_NL__2PRFIN20040815_005554_000000392029_00274_12853_2491.N1	15-AUG-2004 00:55:54	Bright	39.000	107	37The Aur	2.6490	11000.	78	12853	No
17	GOM_NL__2PRFIN20040815_005859_000000512029_00274_12853_2492.N1	15-AUG-2004 00:58:59	Twilight	50.500	28	12Bet Tau	1.6500	15200.	101	12853	No
18	GOM_NL__2PRFIN20040815_010147_000000462029_00274_12853_2493.N1	15-AUG-2004 01:01:47	Twilight	46.000	44	24Gam Gem	1.9280	11000.	92	12853	No
19	GOM_NL__2PRFIN20040815_010445_000000742029_00274_12853_2494.N1	15-AUG-2004 01:04:45	Dark	73.500	13	87Alp Tau	0.86700	3800.0	147	12853	No
20	GOM_NL__2PRFIN20040815_010824_000000532029_00274_12853_2495.N1	15-AUG-2004 01:08:24	Dark	52.500	30	46Eps Ori	1.6940	30000.	105	12853	No
21	GOM_NL__2PRFIN20040815_011053_000000522029_00274_12853_2496.N1	15-AUG-2004 01:10:53	Dark	51.500	1	9Alp CMa	-1.4400	11000.	103	12853	No
22	GOM_NL__2PRFIN20040815_011231_000000422029_00274_12853_2497.N1	15-AUG-2004 01:12:31	Dark	41.500	179	24Omi2CMa	3.0320	24000.	83	12853	No
23	GOM_NL__2PRFIN20040815_011358_000000442029_00274_12853_2498.N1	15-AUG-2004 01:13:58	Dark	43.500	23	21Eps CMa	1.5020	26000.	87	12853	No
24	GOM_NL__2PRFIN20040815_011600_000000452029_00274_12853_2499.N1	15-AUG-2004 01:16:00	Dark	45.000	117	Pi Pup	2.7060	3800.0	90	12853	No
25	GOM_NL__2PRFIN20040815_012048_000000462029_00274_12853_2500.N1	15-AUG-2004 01:20:48	Dark	46.000	2	Alp Car	-0.73600	7000.0	92	12853	No
26	GOM_NL__2PRFIN20040815_012700_000000542029_00275_12854_2575.N1	15-AUG-2004 01:27:00	Dark	54.000	157	The1Eri	2.9060	9300.0	108	12854	No
27	GOM_NL__2PRFIN20040815_013109_000000492029_00275_12854_2576.N1	15-AUG-2004 01:31:09	Dark	49.000	9	Alp Eri	0.45300	24000.	98	12854	No
28	GOM_NL__2PRFIN20040815_013654_000000612029_00275_12854_2577.N1	15-AUG-2004 01:36:54	Straylight	60.500	84	Alp Phe	2.3970	4500.0	121	12854	No
29	GOM_NL__2PRFIN20040815_014034_000000442029_00275_12854_2578.N1	15-AUG-2004 01:40:34	Straylight	44.000	31	Alp Gru	1.7340	15200.	88	12854	No
30	GOM_NL__2PRFIN20040815_014428_000000592029_00275_12854_2579.N1	15-AUG-2004 01:44:28	Twilight	58.500	18	24Alp PsA	1.1660	9700.0	117	12854	No
31	GOM_NL__2PRFIN20040815_015013_000000472029_00275_12854_2580.N1	15-AUG-2004 01:50:13	Bright	46.500	142	49Del Cap	2.8500	8900.0	93	12854	No
32	GOM_NL__2PRFIN20040815_015343_000000452029_00275_12854_2581.N1	15-AUG-2004 01:53:43	Bright	45.000	154	22Bet Aqr	2.8990	5700.0	90	12854	No
33	GOM_NL__2PRFIN20040815_015548_000000502029_00275_12854_2582.N1	15-AUG-2004 01:55:48	Bright	50.000	162	34Alp Aqr	2.9440	5350.0	100	12854	No
34	GOM_NL__2PRFIN20040815_015807_000000392029_00275_12854_2583.N1	15-AUG-2004 01:58:07	Bright	39.000	11	53Alp Aql	0.76500	8000.0	78	12854	No
35	GOM_NL__2PRFIN20040815_015959_000000372029_00275_12854_2584.N1	15-AUG-2004 01:59:59	Bright	36.500	168	17Zet Aql	2.9860	11000.	73	12854	No
36	GOM_NL__2PRFIN20040815_020528_000000422029_00275_12854_2585.N1	15-AUG-2004 02:05:28	Bright	42.000	92	53Eps Cyg	2.5000	4500.0	84	12854	No
37	GOM_NL__2PRFIN20040815_021112_000000402029_00275_12854_2586.N1	15-AUG-2004 02:11:12	Bright	40.000	69	33Gam Dra	2.2310	3800.0	80	12854	No
38	GOM_NL__2PRFIN20040815_021403_000000382029_00275_12854_2587.N1	15-AUG-2004 02:14:03	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	12854	No
39	GOM_NL__2PRFIN20040815_021930_000000362029_00275_12854_2588.N1	15-AUG-2004 02:19:30	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	12854	No
40	GOM_NL__2PRFIN20040815_022102_000000382029_00275_12854_2589.N1	15-AUG-2004 02:21:02	Bright	38.000	49	1Alp UMi	1.9900	6300.0	76	12854	No
41	GOM_NL__2PRFIN20040815_022234_000000512029_00275_12854_2590.N1	15-AUG-2004 02:22:34	Bright	51.000	110	37Del Cas	2.6780	8900.0	102	12854	No
42	GOM_NL__2PRFIN20040815_022827_000000542029_00275_12854_2591.N1	15-AUG-2004 02:28:27	Bright	54.000	160	23Gam Per	2.9300	4700.0	108	12854	No

397	GOM_NL__2PRFIN20040815_223730_000000592029_00287_12866_2538.N1	15-AUG-2004 22:37:30	Bright	59.000	35	33Alp Per	1.7950	6250.0	118	12866	No
398	GOM_NL__2PRFIN20040815_224104_000000792029_00287_12866_2539.N1	15-AUG-2004 22:41:04	Bright	79.000	79	26Bet Per	2.3100	13100.	158	12866	No
399	GOM_NL__2PRFIN20040815_224342_000000572029_00287_12866_2540.N1	15-AUG-2004 22:43:42	Bright	57.000	107	37The Aur	2.6490	11000.	114	12866	No
400	GOM_NL__2PRFIN20040815_224648_000000582029_00287_12866_2541.N1	15-AUG-2004 22:46:48	Twilight	57.500	28	12Bet Tau	1.6500	15200.	115	12866	No
401	GOM_NL__2PRFIN20040815_224936_000000462029_00287_12866_2542.N1	15-AUG-2004 22:49:36	Twilight	45.500	44	24Gam Gem	1.9280	11000.	91	12866	No
402	GOM_NL__2PRFIN20040815_225240_000000872029_00287_12866_2543.N1	15-AUG-2004 22:52:40	Dark	87.000	13	87Alp Tau	0.86700	3800.0	174	12866	No
403	GOM_NL__2PRFIN20040815_225619_000000522029_00287_12866_2544.N1	15-AUG-2004 22:56:19	Dark	52.000	30	46Eps Ori	1.6940	30000.	104	12866	No
404	GOM_NL__2PRFIN20040815_225844_000000492029_00287_12866_2545.N1	15-AUG-2004 22:58:44	Dark	49.000	1	9Alp CMa	-1.4400	11000.	98	12866	No
405	GOM_NL__2PRFIN20040815_230059_000000462029_00287_12866_2546.N1	15-AUG-2004 23:00:59	Dark	46.000	37	25Del CMa	1.8300	5900.0	92	12866	No
406	GOM_NL__2PRFIN20040815_230349_000000442029_00287_12866_2547.N1	15-AUG-2004 23:03:49	Dark	44.000	117	Pi Pup	2.7060	3800.0	88	12866	No
407	GOM_NL__2PRFIN20040815_230838_000000522029_00287_12866_2548.N1	15-AUG-2004 23:08:38	Dark	52.000	2	Alp Car	-0.73600	7000.0	104	12866	No
408	GOM_NL__2PRFIN20040815_231502_000000552029_00288_12867_2521.N1	15-AUG-2004 23:15:02	Dark	54.500	157	The1Eri	2.9060	9300.0	109	12867	No
409	GOM_NL__2PRFIN20040815_231908_000000482029_00288_12867_2522.N1	15-AUG-2004 23:19:08	Dark	47.500	9	Alp Eri	0.45300	24000.	95	12867	No
410	GOM_NL__2PRFIN20040815_232452_000000552029_00288_12867_2523.N1	15-AUG-2004 23:24:52	Straylight	54.500	84	Alp Phe	2.3970	4500.0	109	12867	No
411	GOM_NL__2PRFIN20040815_232826_000000432029_00288_12867_2524.N1	15-AUG-2004 23:28:26	Straylight	43.000	31	Alp Gru	1.7340	15200.	86	12867	No
412	GOM_NL__2PRFIN20040815_233222_000000592029_00288_12867_2525.N1	15-AUG-2004 23:32:22	Twilight	59.000	18	24Alp PsA	1.1660	9700.0	118	12867	No
413	GOM_NL__2PRFIN20040815_233801_000000482029_00288_12867_2526.N1	15-AUG-2004 23:38:01	Bright	47.500	142	49Del Cap	2.8500	8900.0	95	12867	No
414	GOM_NL__2PRFIN20040815_234130_000000442029_00288_12867_2527.N1	15-AUG-2004 23:41:30	Bright	44.000	154	22Bet Aqr	2.8990	5700.0	88	12867	No
415	GOM_NL__2PRFIN20040815_234332_000000502029_00288_12867_2528.N1	15-AUG-2004 23:43:32	Bright	50.000	162	34Alp Aqr	2.9440	5350.0	100	12867	No
416	GOM_NL__2PRFIN20040815_234555_000000382029_00288_12867_2529.N1	15-AUG-2004 23:45:55	Bright	38.000	11	53Alp Aql	0.76500	8000.0	76	12867	No
417	GOM_NL__2PRFIN20040815_234748_000000372029_00288_12867_2530.N1	15-AUG-2004 23:47:48	Bright	37.000	168	17Zet Aql	2.9860	11000.	74	12867	No
418	GOM_NL__2PRFIN20040815_235313_000000402029_00288_12867_2531.N1	15-AUG-2004 23:53:13	Bright	39.500	92	53Eps Cyg	2.5000	4500.0	79	12867	No
419	GOM_NL__2PRFIN20040815_235447_000000402029_00288_12867_2532.N1	15-AUG-2004 23:54:47	Bright	39.500	66	37Gam Cyg	2.2080	5900.0	79	12867	No
420	GOM_NL__2PRFIN20040815_235605_000000372029_00288_12867_2533.N1	15-AUG-2004 23:56:05	Bright	37.000	144	18Del Cyg	2.8600	11000.	74	12867	No
421	GOM_NL__2PRFIN20040815_235903_000000422029_00288_12867_2534.N1	15-AUG-2004 23:59:03	Bright	41.500	69	33Gam Dra	2.2310	3800.0	83	12867	No

3. Quality information per product

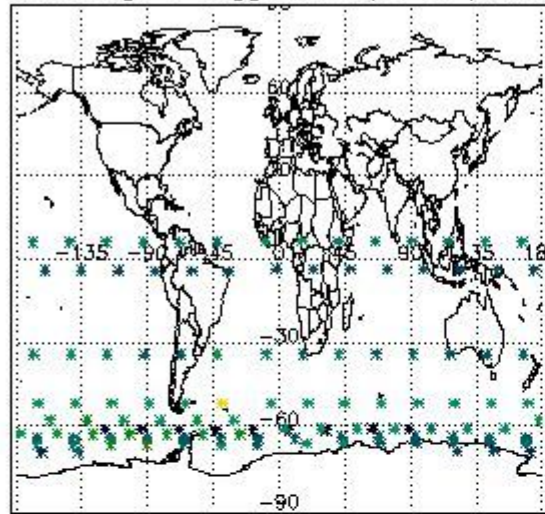
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

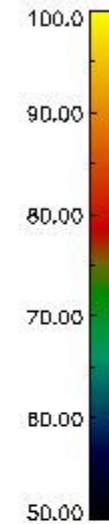
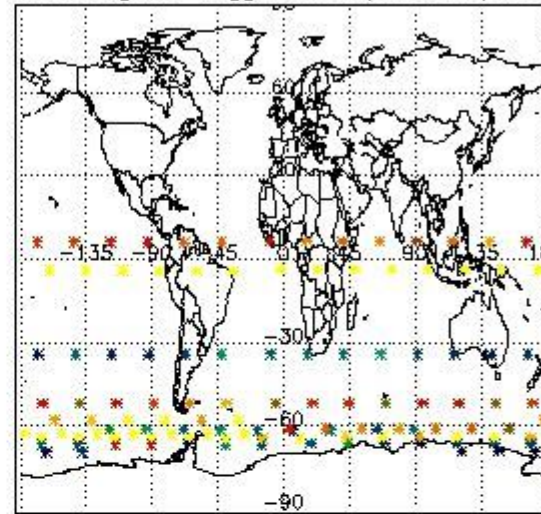


3.2 Plot quality information per product (world map)

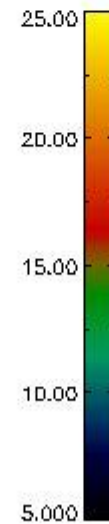
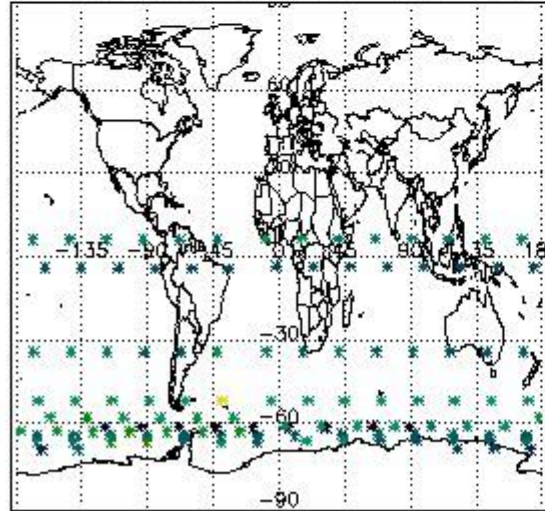
Percentage of flagged data per O3 profile



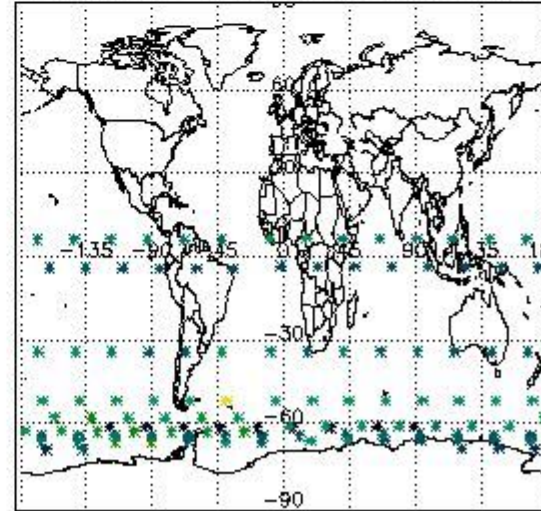
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

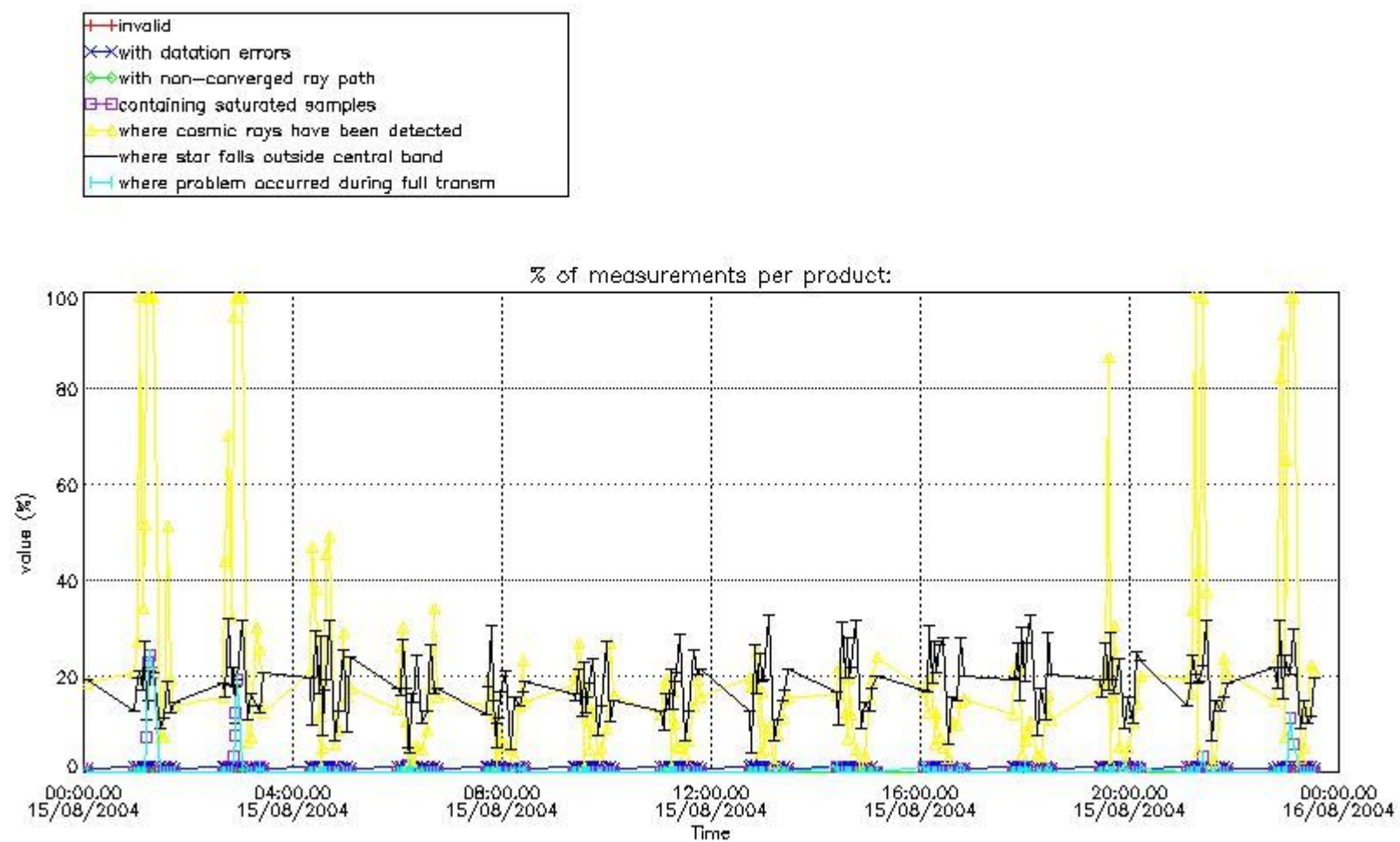


4. Level 1 quality information per product

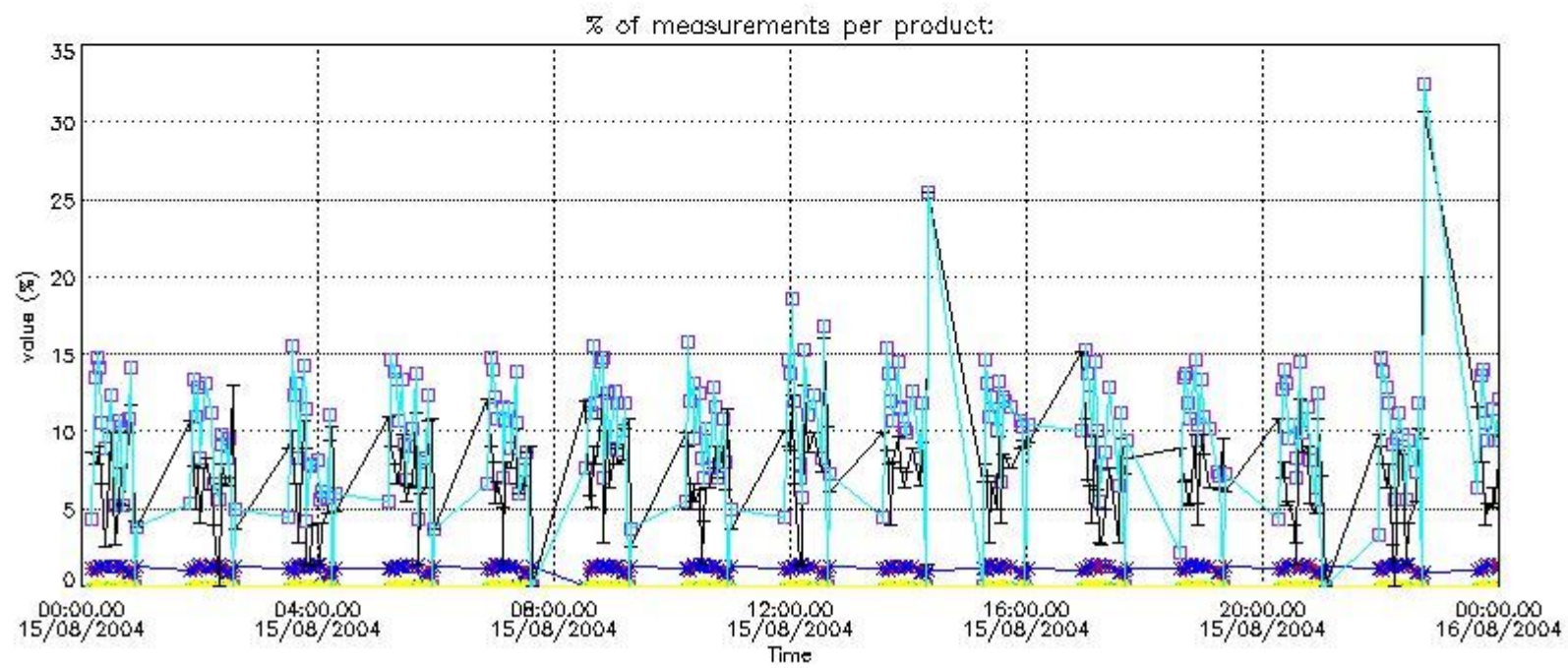
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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

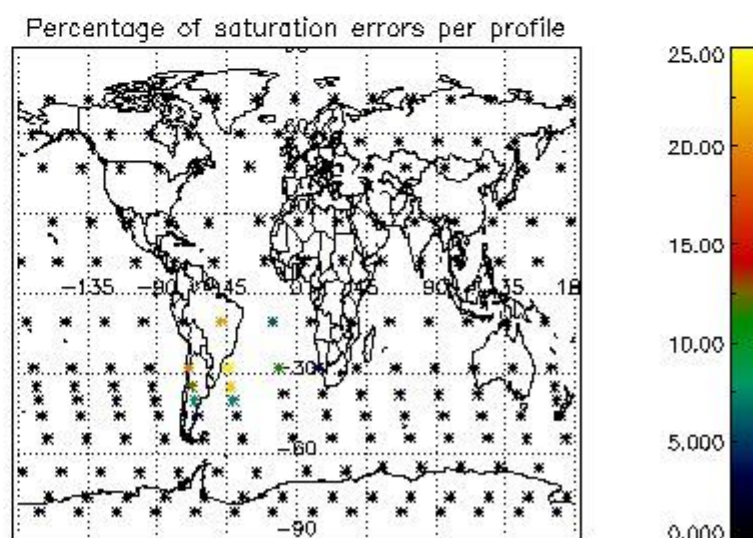
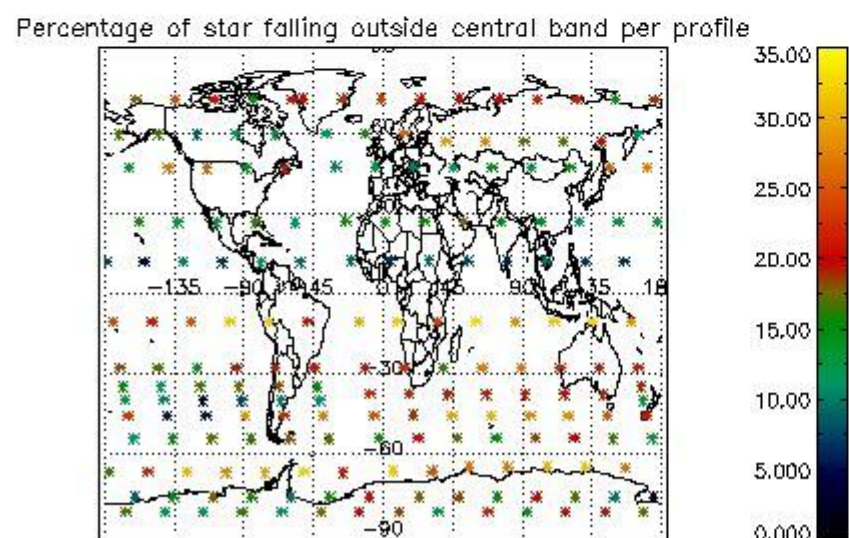
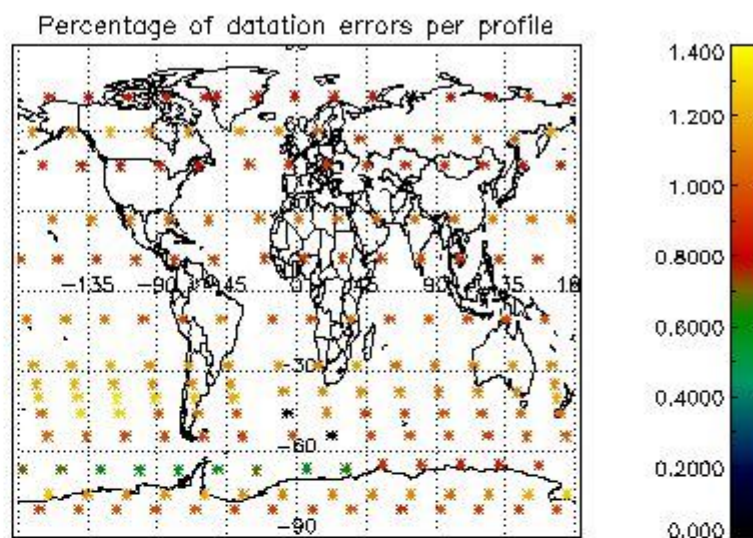
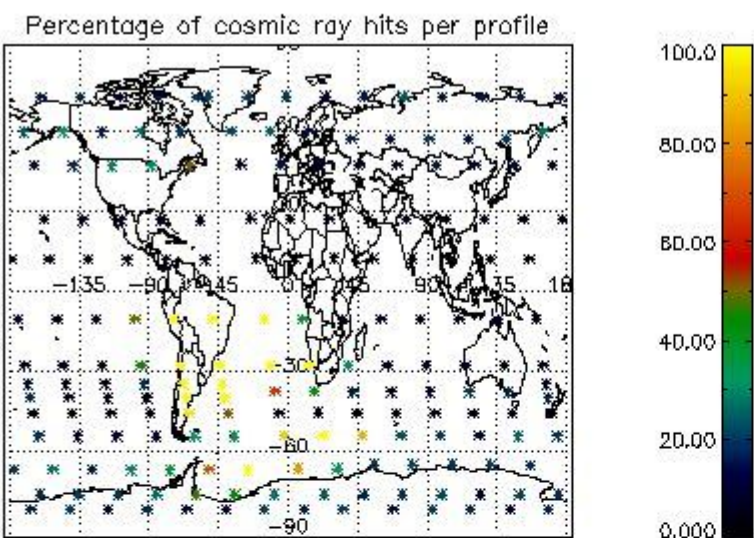


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

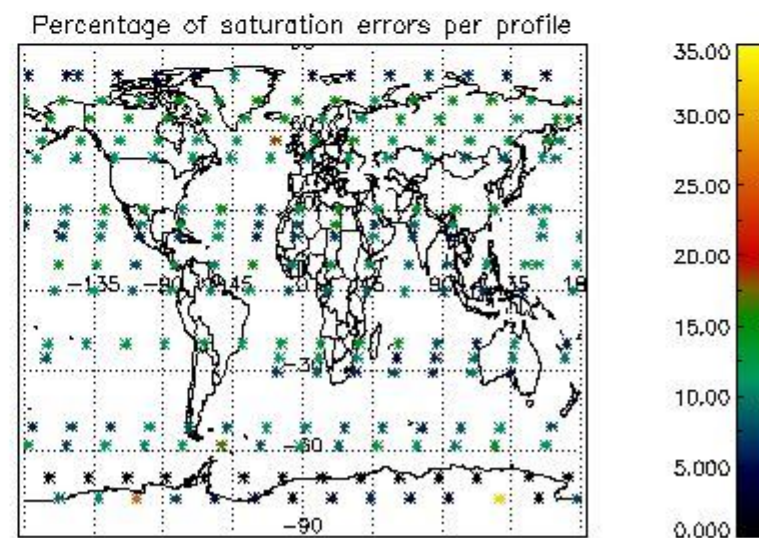
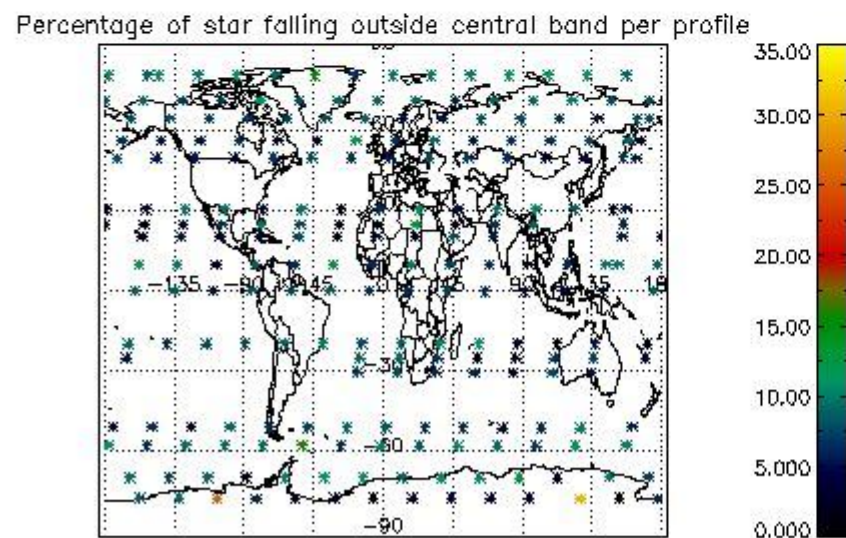
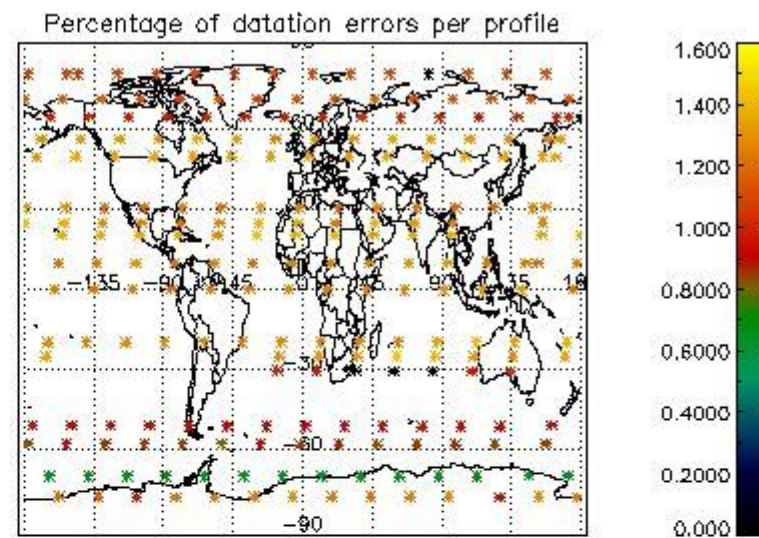
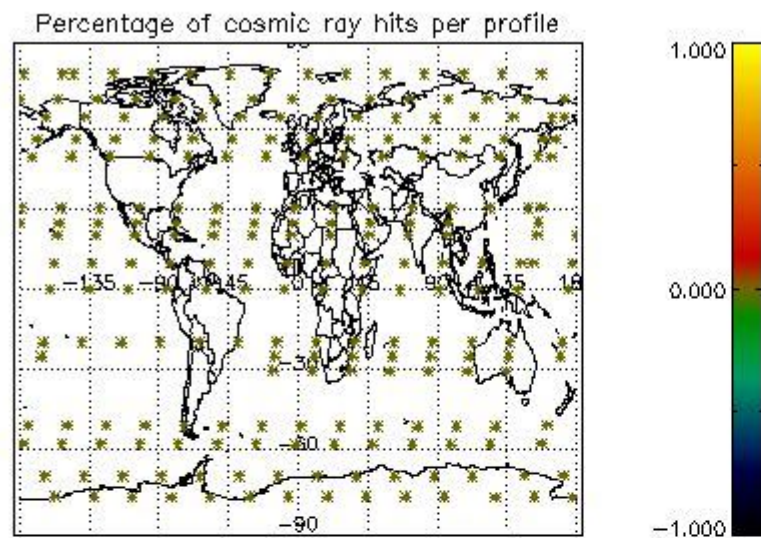


4.2 Plot quality information per product coming from level 1b processing (world map)

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



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



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

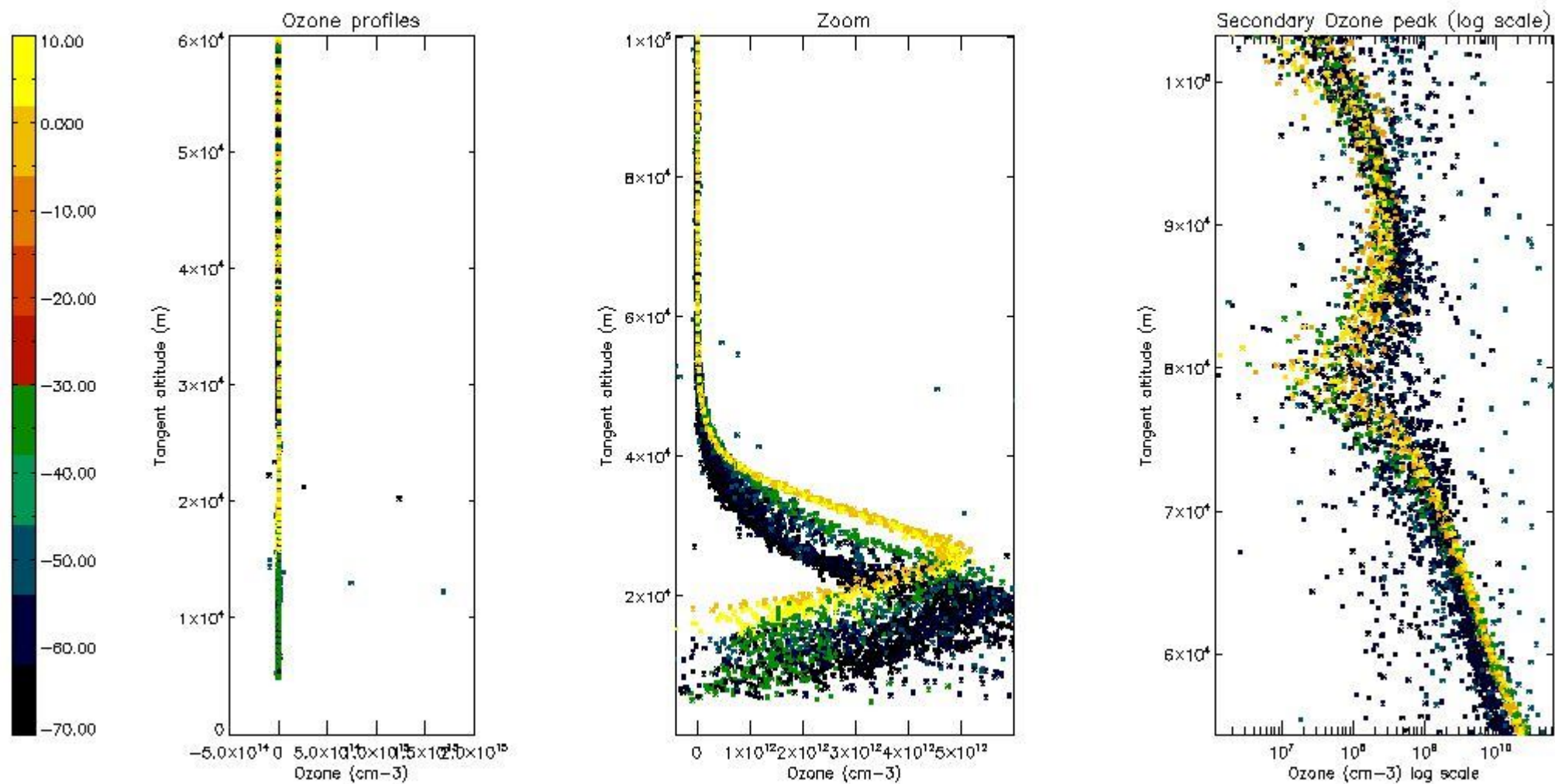
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	31
STD < 20	18

STD < 10	15
STD < 5	11

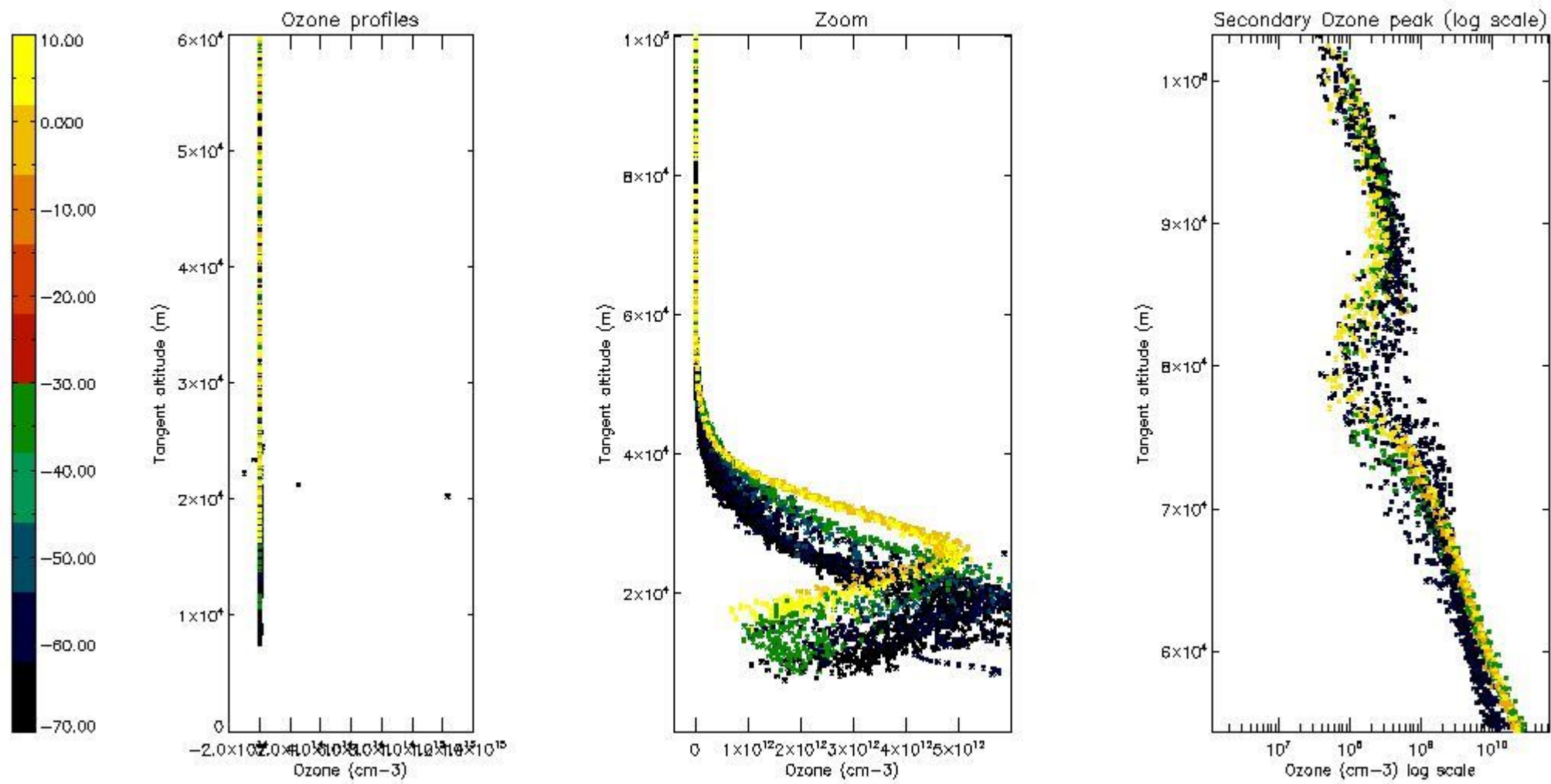
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



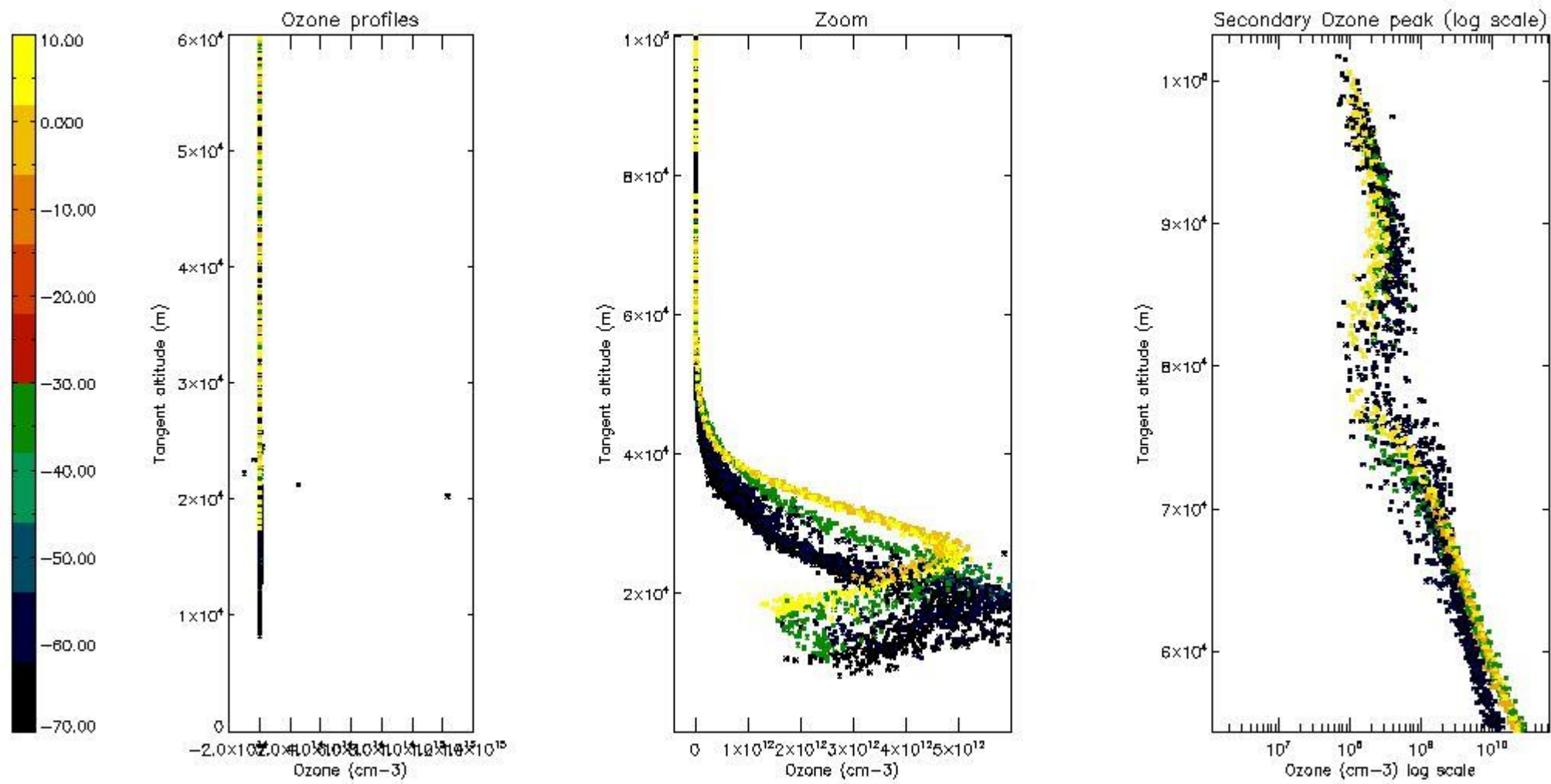
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



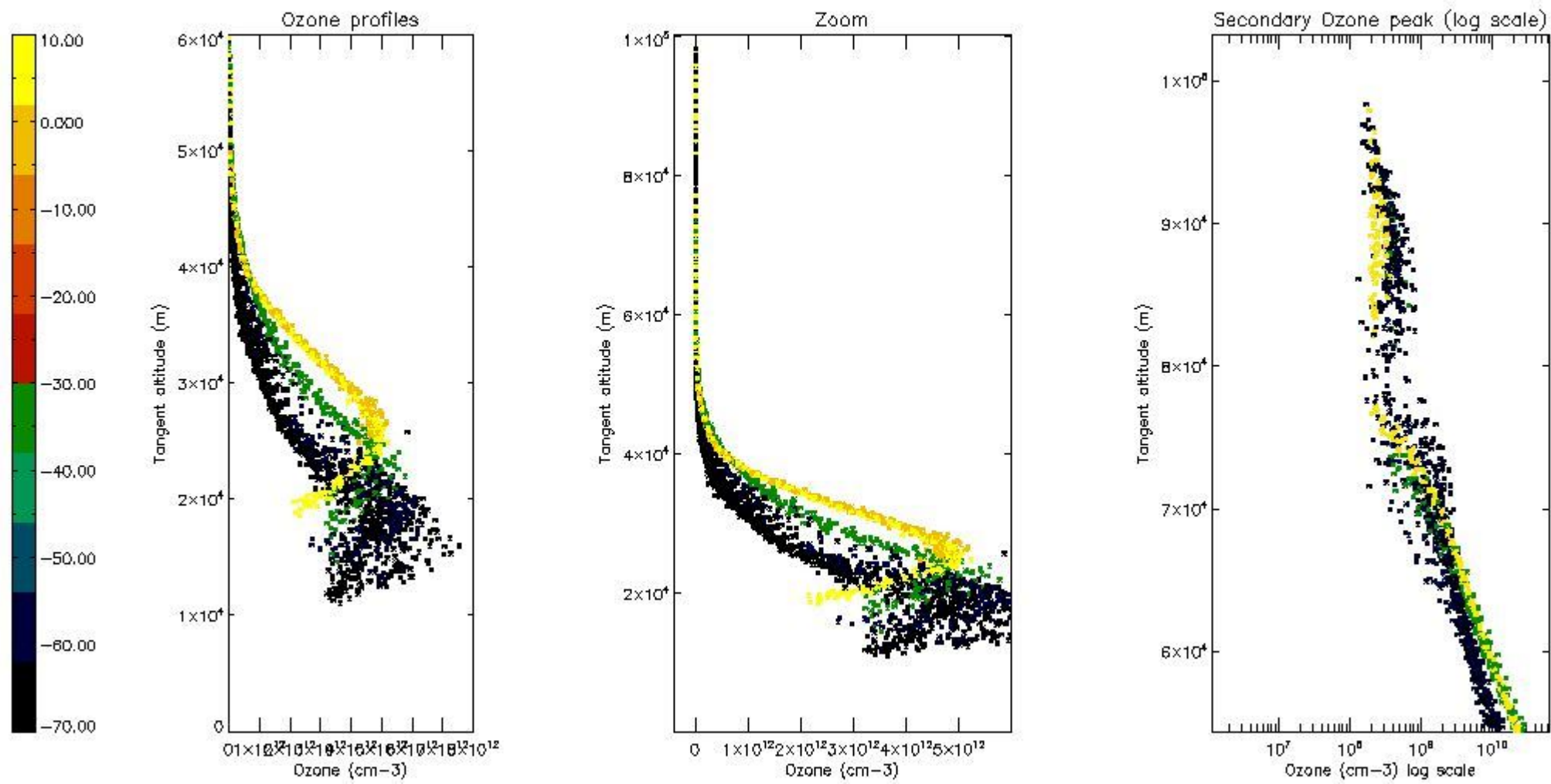
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



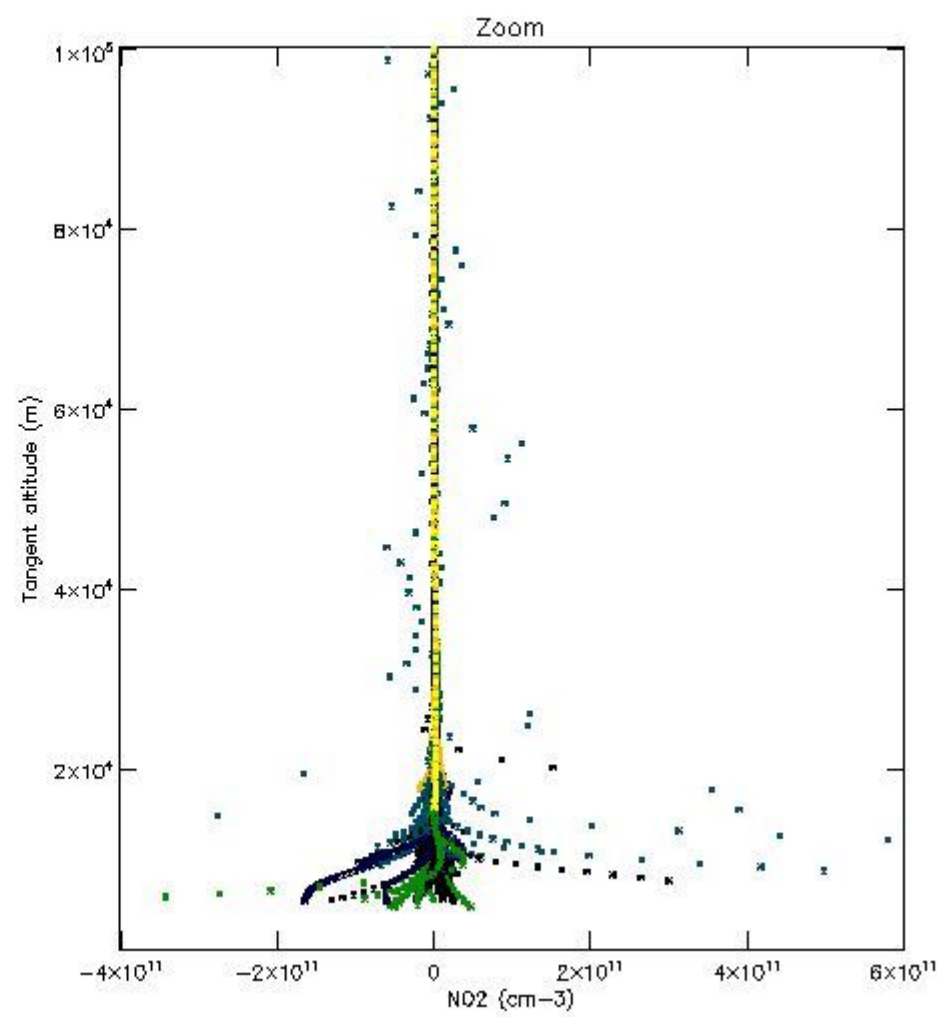
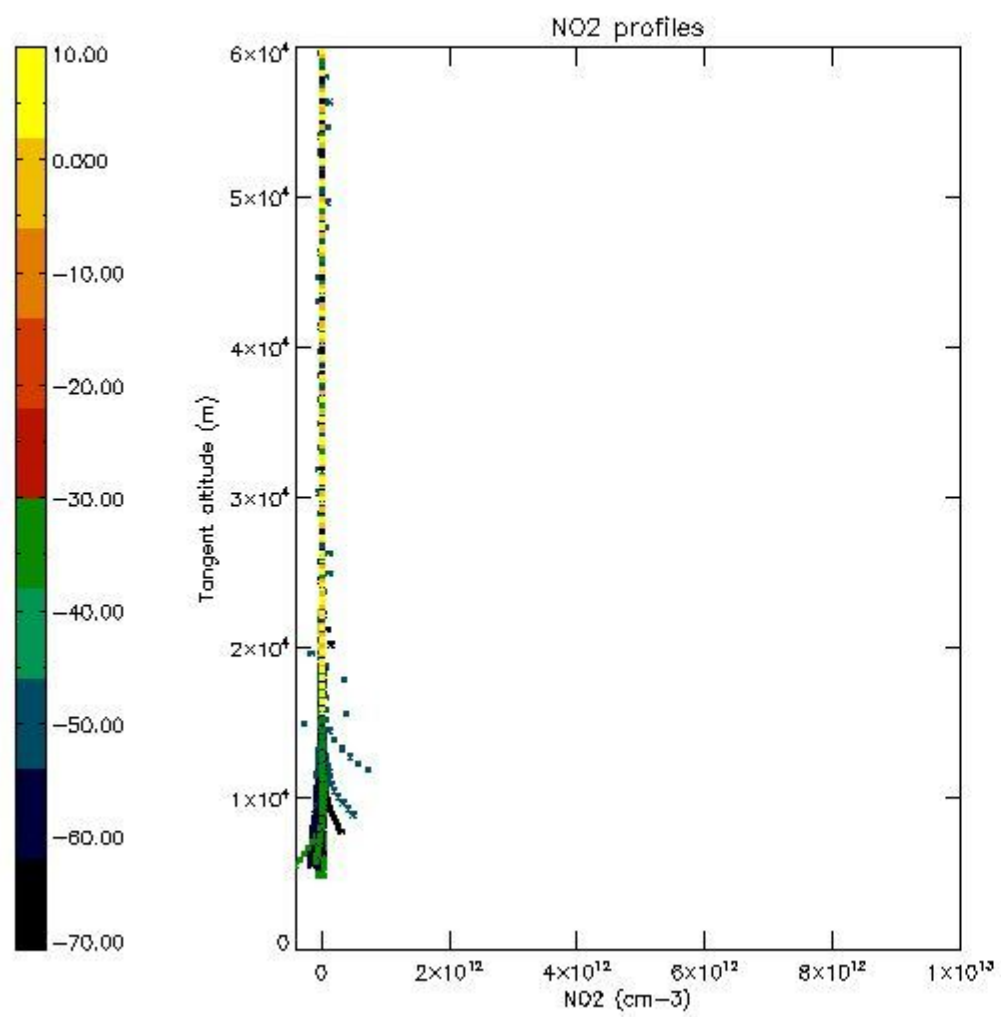
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



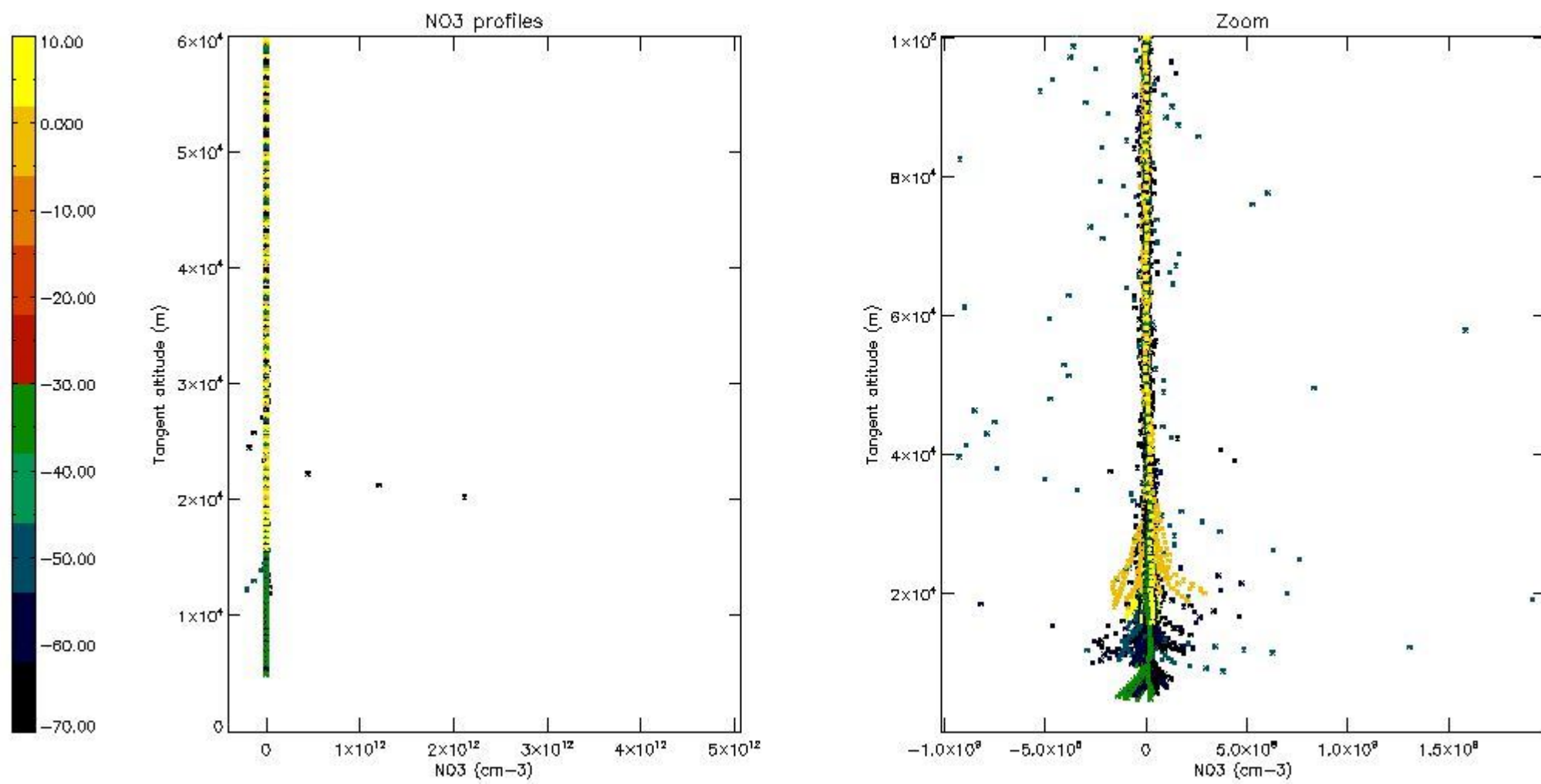
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



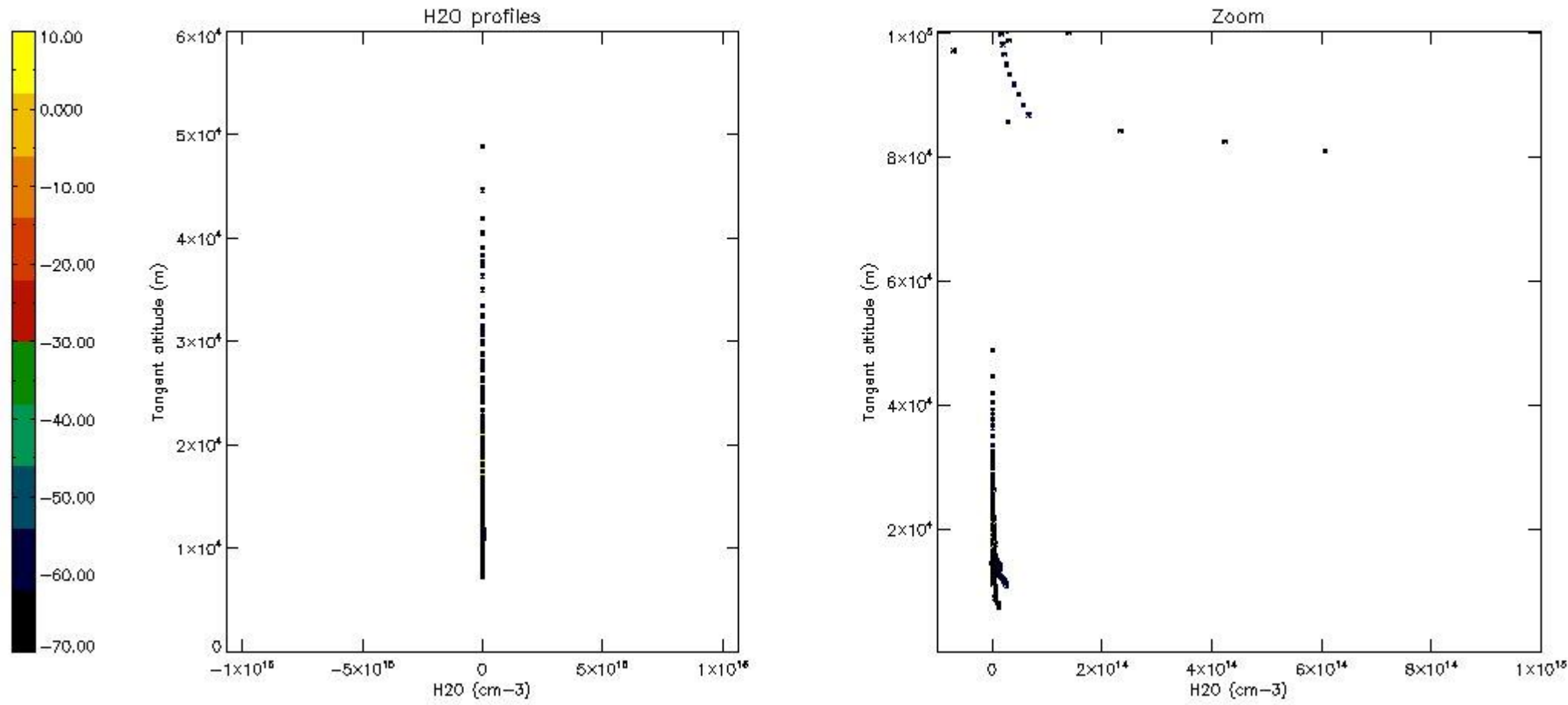
5.7 Plot NO3 profiles for all STD (dark without errors)

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	15-AUG-2004 00:03:53
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	15-AUG-2004 00:03:53
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	15-AUG-2004 00:03:53

GOMOS Level 2 Daily Report

SUMMARY

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

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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	19APR2013 08:39:33
Data source version	GOMOS/6.01
Start time of products	15-08-2004 (15AUG2004 00:00:00)
Stop time of products	16-08-2004 (16AUG2004 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	421
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__2PRFIN20040815_000353_000000602029_00274_12853_2476.N1	15-AUG-2004 00:03:53	Twilight	59.500	18	24Alp PsA	1.1660	9700.0	119	12853	No
2	GOM_NL__2PRFIN20040815_000937_000000462029_00274_12853_2477.N1	15-AUG-2004 00:09:37	Bright	46.000	142	49Del Cap	2.8500	8900.0	92	12853	No
3	GOM_NL__2PRFIN20040815_001307_000000452029_00274_12853_2478.N1	15-AUG-2004 00:13:07	Bright	44.500	154	22Bet Aqr	2.8990	5700.0	89	12853	No
4	GOM_NL__2PRFIN20040815_001513_000000512029_00274_12853_2479.N1	15-AUG-2004 00:15:13	Bright	51.000	162	34Alp Aqr	2.9440	5350.0	102	12853	No
5	GOM_NL__2PRFIN20040815_001731_000000392029_00274_12853_2480.N1	15-AUG-2004 00:17:31	Bright	39.000	11	53Alp Aql	0.76500	8000.0	78	12853	No
6	GOM_NL__2PRFIN20040815_001922_000000382029_00274_12853_2481.N1	15-AUG-2004 00:19:22	Bright	38.000	168	17Zet Aql	2.9860	11000.	76	12853	No
7	GOM_NL__2PRFIN20040815_002452_000000402029_00274_12853_2482.N1	15-AUG-2004 00:24:52	Bright	39.500	92	53Eps Cyg	2.5000	4500.0	79	12853	No
8	GOM_NL__2PRFIN20040815_003036_000000412029_00274_12853_2483.N1	15-AUG-2004 00:30:36	Bright	40.500	69	33Gam Dra	2.2310	3800.0	81	12853	No
9	GOM_NL__2PRFIN20040815_003327_000000382029_00274_12853_2484.N1	15-AUG-2004 00:33:27	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	12853	No
10	GOM_NL__2PRFIN20040815_003854_000000382029_00274_12853_2485.N1	15-AUG-2004 00:38:54	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	12853	No
11	GOM_NL__2PRFIN20040815_004025_000000392029_00274_12853_2486.N1	15-AUG-2004 00:40:25	Bright	39.000	49	1Alp UMi	1.9900	6300.0	78	12853	No
12	GOM_NL__2PRFIN20040815_004159_000000492029_00274_12853_2487.N1	15-AUG-2004 00:41:59	Bright	48.500	110	37Del Cas	2.6780	8900.0	97	12853	No
13	GOM_NL__2PRFIN20040815_004752_000000562029_00274_12853_2488.N1	15-AUG-2004 00:47:52	Bright	55.500	160	23Gam Per	2.9300	4700.0	111	12853	No
14	GOM_NL__2PRFIN20040815_004950_000000602029_00274_12853_2489.N1	15-AUG-2004 00:49:50	Bright	60.000	35	33Alp Per	1.7950	6250.0	120	12853	No
15	GOM_NL__2PRFIN20040815_005323_000000732029_00274_12853_2490.N1	15-AUG-2004 00:53:23	Bright	72.500	79	26Bet Per	2.3100	13100.	145	12853	No
16	GOM_NL__2PRFIN20040815_005554_000000392029_00274_12853_2491.N1	15-AUG-2004 00:55:54	Bright	39.000	107	37The Aur	2.6490	11000.	78	12853	No
17	GOM_NL__2PRFIN20040815_005859_000000512029_00274_12853_2492.N1	15-AUG-2004 00:58:59	Twilight	50.500	28	12Bet Tau	1.6500	15200.	101	12853	No
18	GOM_NL__2PRFIN20040815_010147_000000462029_00274_12853_2493.N1	15-AUG-2004 01:01:47	Twilight	46.000	44	24Gam Gem	1.9280	11000.	92	12853	No
19	GOM_NL__2PRFIN20040815_010445_000000742029_00274_12853_2494.N1	15-AUG-2004 01:04:45	Dark	73.500	13	87Alp Tau	0.86700	3800.0	147	12853	No
20	GOM_NL__2PRFIN20040815_010824_000000532029_00274_12853_2495.N1	15-AUG-2004 01:08:24	Dark	52.500	30	46Eps Ori	1.6940	30000.	105	12853	No
21	GOM_NL__2PRFIN20040815_011053_000000522029_00274_12853_2496.N1	15-AUG-2004 01:10:53	Dark	51.500	1	9Alp CMa	-1.4400	11000.	103	12853	No
22	GOM_NL__2PRFIN20040815_011231_000000422029_00274_12853_2497.N1	15-AUG-2004 01:12:31	Dark	41.500	179	24Omi2CMa	3.0320	24000.	83	12853	No
23	GOM_NL__2PRFIN20040815_011358_000000442029_00274_12853_2498.N1	15-AUG-2004 01:13:58	Dark	43.500	23	21Eps CMa	1.5020	26000.	87	12853	No
24	GOM_NL__2PRFIN20040815_011600_000000452029_00274_12853_2499.N1	15-AUG-2004 01:16:00	Dark	45.000	117	Pi Pup	2.7060	3800.0	90	12853	No
25	GOM_NL__2PRFIN20040815_012048_000000462029_00274_12853_2500.N1	15-AUG-2004 01:20:48	Dark	46.000	2	Alp Car	-0.73600	7000.0	92	12853	No
26	GOM_NL__2PRFIN20040815_012700_000000542029_00275_12854_2575.N1	15-AUG-2004 01:27:00	Dark	54.000	157	The1Eri	2.9060	9300.0	108	12854	No
27	GOM_NL__2PRFIN20040815_013109_000000492029_00275_12854_2576.N1	15-AUG-2004 01:31:09	Dark	49.000	9	Alp Eri	0.45300	24000.	98	12854	No
28	GOM_NL__2PRFIN20040815_013654_000000612029_00275_12854_2577.N1	15-AUG-2004 01:36:54	Straylight	60.500	84	Alp Phe	2.3970	4500.0	121	12854	No
29	GOM_NL__2PRFIN20040815_014034_000000442029_00275_12854_2578.N1	15-AUG-2004 01:40:34	Straylight	44.000	31	Alp Gru	1.7340	15200.	88	12854	No
30	GOM_NL__2PRFIN20040815_014428_000000592029_00275_12854_2579.N1	15-AUG-2004 01:44:28	Twilight	58.500	18	24Alp PsA	1.1660	9700.0	117	12854	No
31	GOM_NL__2PRFIN20040815_015013_000000472029_00275_12854_2580.N1	15-AUG-2004 01:50:13	Bright	46.500	142	49Del Cap	2.8500	8900.0	93	12854	No
32	GOM_NL__2PRFIN20040815_015343_000000452029_00275_12854_2581.N1	15-AUG-2004 01:53:43	Bright	45.000	154	22Bet Aqr	2.8990	5700.0	90	12854	No
33	GOM_NL__2PRFIN20040815_015548_000000502029_00275_12854_2582.N1	15-AUG-2004 01:55:48	Bright	50.000	162	34Alp Aqr	2.9440	5350.0	100	12854	No
34	GOM_NL__2PRFIN20040815_015807_000000392029_00275_12854_2583.N1	15-AUG-2004 01:58:07	Bright	39.000	11	53Alp Aql	0.76500	8000.0	78	12854	No
35	GOM_NL__2PRFIN20040815_015959_000000372029_00275_12854_2584.N1	15-AUG-2004 01:59:59	Bright	36.500	168	17Zet Aql	2.9860	11000.	73	12854	No
36	GOM_NL__2PRFIN20040815_020528_000000422029_00275_12854_2585.N1	15-AUG-2004 02:05:28	Bright	42.000	92	53Eps Cyg	2.5000	4500.0	84	12854	No
37	GOM_NL__2PRFIN20040815_021112_000000402029_00275_12854_2586.N1	15-AUG-2004 02:11:12	Bright	40.000	69	33Gam Dra	2.2310	3800.0	80	12854	No
38	GOM_NL__2PRFIN20040815_021403_000000382029_00275_12854_2587.N1	15-AUG-2004 02:14:03	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	12854	No
39	GOM_NL__2PRFIN20040815_021930_000000362029_00275_12854_2588.N1	15-AUG-2004 02:19:30	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	12854	No
40	GOM_NL__2PRFIN20040815_022102_000000382029_00275_12854_2589.N1	15-AUG-2004 02:21:02	Bright	38.000	49	1Alp UMi	1.9900	6300.0	76	12854	No
41	GOM_NL__2PRFIN20040815_022234_000000512029_00275_12854_2590.N1	15-AUG-2004 02:22:34	Bright	51.000	110	37Del Cas	2.6780	8900.0	102	12854	No
42	GOM_NL__2PRFIN20040815_022827_000000542029_00275_12854_2591.N1	15-AUG-2004 02:28:27	Bright	54.000	160	23Gam Per	2.9300	4700.0	108	12854	No

43	GOM_NL__2PRFIN20040815_023025_000000582029_00275_12854_2592.N1	15-AUG-2004 02:30:25	Bright	57.500	35	33Alp Per	1.7950	6250.0	115	12854	No
44	GOM_NL__2PRFIN20040815_023359_000000812029_00275_12854_2593.N1	15-AUG-2004 02:33:59	Bright	80.500	79	26Bet Per	2.3100	13100.	161	12854	No
45	GOM_NL__2PRFIN20040815_023630_000000402029_00275_12854_2594.N1	15-AUG-2004 02:36:30	Bright	40.000	107	37The Aur	2.6490	11000.	80	12854	No
46	GOM_NL__2PRFIN20040815_023935_000000542029_00275_12854_2595.N1	15-AUG-2004 02:39:35	Tw_i_and_stray	54.000	28	12Bet Tau	1.6500	15200.	108	12854	No
47	GOM_NL__2PRFIN20040815_024223_000000452029_00275_12854_2596.N1	15-AUG-2004 02:42:23	Tw_i_and_stray	44.500	44	24Gam Gem	1.9280	11000.	89	12854	No
48	GOM_NL__2PRFIN20040815_024521_000000842029_00275_12854_2597.N1	15-AUG-2004 02:45:21	Dark	84.000	13	87Alp Tau	0.86700	3800.0	168	12854	No
49	GOM_NL__2PRFIN20040815_024901_000000532029_00275_12854_2598.N1	15-AUG-2004 02:49:01	Dark	52.500	30	46Eps Ori	1.6940	30000.	105	12854	No
50	GOM_NL__2PRFIN20040815_025129_000000482029_00275_12854_2599.N1	15-AUG-2004 02:51:29	Dark	48.000	1	9Alp CMa	-1.4400	11000.	96	12854	No
51	GOM_NL__2PRFIN20040815_025308_000000402029_00275_12854_2600.N1	15-AUG-2004 02:53:08	Dark	40.000	179	24Omi2CMa	3.0320	24000.	80	12854	No
52	GOM_NL__2PRFIN20040815_025435_000000452029_00275_12854_2601.N1	15-AUG-2004 02:54:35	Dark	44.500	23	21Eps CMa	1.5020	26000.	89	12854	No
53	GOM_NL__2PRFIN20040815_025635_000000442029_00275_12854_2602.N1	15-AUG-2004 02:56:35	Dark	44.000	117	Pi Pup	2.7060	3800.0	88	12854	No
54	GOM_NL__2PRFIN20040815_030125_000000522029_00275_12854_2603.N1	15-AUG-2004 03:01:25	Dark	52.000	2	Alp Car	-0.73600	7000.0	104	12854	No
55	GOM_NL__2PRFIN20040815_030737_000000562029_00276_12855_2494.N1	15-AUG-2004 03:07:37	Dark	55.500	157	The1Eri	2.9060	9300.0	111	12855	No
56	GOM_NL__2PRFIN20040815_031149_000000492029_00276_12855_2495.N1	15-AUG-2004 03:11:49	Dark	48.500	9	Alp Eri	0.45300	24000.	97	12855	No
57	GOM_NL__2PRFIN20040815_031730_000000582029_00276_12855_2496.N1	15-AUG-2004 03:17:30	Straylight	58.000	84	Alp Phe	2.3970	4500.0	116	12855	No
58	GOM_NL__2PRFIN20040815_032110_000000452029_00276_12855_2497.N1	15-AUG-2004 03:21:10	Straylight	45.000	31	Alp Gru	1.7340	15200.	90	12855	No
59	GOM_NL__2PRFIN20040815_032506_000000612029_00276_12855_2498.N1	15-AUG-2004 03:25:06	Tw_i_and_stray	60.500	18	24Alp PsA	1.1660	9700.0	121	12855	No
60	GOM_NL__2PRFIN20040815_033050_000000452029_00276_12855_2499.N1	15-AUG-2004 03:30:50	Bright	45.000	142	49Del Cap	2.8500	8900.0	90	12855	No
61	GOM_NL__2PRFIN20040815_033419_000000452029_00276_12855_2500.N1	15-AUG-2004 03:34:19	Bright	45.000	154	22Bet Aqr	2.8990	5700.0	90	12855	No
62	GOM_NL__2PRFIN20040815_033622_000000532029_00276_12855_2501.N1	15-AUG-2004 03:36:22	Bright	52.500	162	34Alp Aqr	2.9440	5350.0	105	12855	No
63	GOM_NL__2PRFIN20040815_033844_000000382029_00276_12855_2502.N1	15-AUG-2004 03:38:44	Bright	38.000	11	53Alp Aql	0.76500	8000.0	76	12855	No
64	GOM_NL__2PRFIN20040815_034034_000000372029_00276_12855_2503.N1	15-AUG-2004 03:40:34	Bright	36.500	168	17Zet Aql	2.9860	11000.	73	12855	No
65	GOM_NL__2PRFIN20040815_034604_000000422029_00276_12855_2504.N1	15-AUG-2004 03:46:04	Bright	42.000	92	53Eps Cyg	2.5000	4500.0	84	12855	No
66	GOM_NL__2PRFIN20040815_034739_000000402029_00276_12855_2505.N1	15-AUG-2004 03:47:39	Bright	39.500	66	37Gam Cyg	2.2080	5900.0	79	12855	No
67	GOM_NL__2PRFIN20040815_034854_000000362029_00276_12855_2506.N1	15-AUG-2004 03:48:54	Bright	36.000	144	18Del Cyg	2.8600	11000.	72	12855	No
68	GOM_NL__2PRFIN20040815_035148_000000382029_00276_12855_2507.N1	15-AUG-2004 03:51:48	Bright	38.000	69	33Gam Dra	2.2310	3800.0	76	12855	No
69	GOM_NL__2PRFIN20040815_035439_000000392029_00276_12855_2508.N1	15-AUG-2004 03:54:39	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	12855	No
70	GOM_NL__2PRFIN20040815_040006_000000372029_00276_12855_2509.N1	15-AUG-2004 04:00:06	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	12855	No
71	GOM_NL__2PRFIN20040815_040138_000000362029_00276_12855_2510.N1	15-AUG-2004 04:01:38	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	12855	No
72	GOM_NL__2PRFIN20040815_040308_000000502029_00276_12855_2511.N1	15-AUG-2004 04:03:08	Bright	49.500	110	37Del Cas	2.6780	8900.0	99	12855	No
73	GOM_NL__2PRFIN20040815_040903_000000532029_00276_12855_2512.N1	15-AUG-2004 04:09:03	Bright	52.500	160	23Gam Per	2.9300	4700.0	105	12855	No
74	GOM_NL__2PRFIN20040815_041100_000000592029_00276_12855_2513.N1	15-AUG-2004 04:11:00	Bright	58.500	35	33Alp Per	1.7950	6250.0	117	12855	No
75	GOM_NL__2PRFIN20040815_041434_000000782029_00276_12855_2514.N1	15-AUG-2004 04:14:34	Bright	77.500	79	26Bet Per	2.3100	13100.	155	12855	No
76	GOM_NL__2PRFIN20040815_041706_000000422029_00276_12855_2515.N1	15-AUG-2004 04:17:06	Bright	41.500	107	37The Aur	2.6490	11000.	83	12855	No
77	GOM_NL__2PRFIN20040815_042011_000000542029_00276_12855_2516.N1	15-AUG-2004 04:20:11	Tw_i_and_stray	53.500	28	12Bet Tau	1.6500	15200.	107	12855	No
78	GOM_NL__2PRFIN20040815_042259_000000422029_00276_12855_2517.N1	15-AUG-2004 04:22:59	Tw_i_and_stray	41.500	44	24Gam Gem	1.9280	11000.	83	12855	No
79	GOM_NL__2PRFIN20040815_042555_000000852029_00276_12855_2518.N1	15-AUG-2004 04:25:55	Dark	85.000	13	87Alp Tau	0.86700	3800.0	170	12855	No
80	GOM_NL__2PRFIN20040815_042937_000000522029_00276_12855_2519.N1	15-AUG-2004 04:29:37	Dark	52.000	30	46Eps Ori	1.6940	30000.	104	12855	No
81	GOM_NL__2PRFIN20040815_043206_000000512029_00276_12855_2520.N1	15-AUG-2004 04:32:06	Dark	51.000	1	9Alp CMa	-1.4400	11000.	102	12855	No
82	GOM_NL__2PRFIN20040815_043343_000000402029_00276_12855_2521.N1	15-AUG-2004 04:33:43	Dark	39.500	179	24Omi2CMa	3.0320	24000.	79	12855	No
83	GOM_NL__2PRFIN20040815_043511_000000442029_00276_12855_2522.N1	15-AUG-2004 04:35:11	Dark	44.000	23	21Eps CMa	1.5020	26000.	88	12855	No
84	GOM_NL__2PRFIN20040815_043711_000000442029_00276_12855_2523.N1	15-AUG-2004 04:37:11	Dark	44.000	117	Pi Pup	2.7060	3800.0	88	12855	No
85	GOM_NL__2PRFIN20040815_044201_000000522029_00276_12855_2524.N1	15-AUG-2004 04:42:01	Dark	52.000	2	Alp Car	-0.73600	7000.0	104	12855	No
86	GOM_NL__2PRFIN20040815_044814_000000532029_00277_12856_2495.N1	15-AUG-2004 04:48:14	Dark	53.000	157	The1Eri	2.9060	9300.0	106	12856	No
87	GOM_NL__2PRFIN20040815_045226_000000472029_00277_12856_2496.N1	15-AUG-2004 04:52:26	Dark	46.500	9	Alp Eri	0.45300	24000.	93	12856	No
88	GOM_NL__2PRFIN20040815_045808_000000652029_00277_12856_2497.N1	15-AUG-2004 04:58:08	Straylight	65.000	84	Alp Phe	2.3970	4500.0	130	12856	No
89	GOM_NL__2PRFIN20040815_050147_000000422029_00277_12856_2498.N1	15-AUG-2004 05:01:47	Straylight	41.500	31	Alp Gru	1.7340	15200.	83	12856	No
90	GOM_NL__2PRFIN20040815_050543_000000632029_00277_12856_2499.N1	15-AUG-2004 05:05:43	Tw_i_and_stray	62.500	18	24Alp PsA	1.1660	9700.0	125	12856	No
91	GOM_NL__2PRFIN20040815_051127_000000462029_00277_12856_2500.N1	15-AUG-2004 05:11:27	Bright	45.500	142	49Del Cap	2.8500	8900.0	91	12856	No
92	GOM_NL__2PRFIN20040815_051456_000000452029_00277_12856_2501.N1	15-AUG-2004 05:14:56	Bright	44.500	154	22Bet Aqr	2.8990	5700.0	89	12856	No
93	GOM_NL__2PRFIN20040815_051700_000000512029_00277_12856_2502.N1	15-AUG-2004 05:17:00	Bright	50.500	162	34Alp Aqr	2.9440	5350.0	101	12856	No
94	GOM_NL__2PRFIN20040815_051920_000000382029_00277_12856_2503.N1	15-AUG-2004 05:19:20	Bright	37.500	11	53Alp Aql	0.76500	8000.0	75	12856	No
95	GOM_NL__2PRFIN20040815_052111_000000382029_00277_12856_2504.N1	15-AUG-2004 05:21:11	Bright	37.500	168	17Zet Aql	2.9860	11000.	75	12856	No
96	GOM_NL__2PRFIN20040815_052640_000000412029_00277_12856_2505.N1	15-AUG-2004 05:26:40	Bright	41.000	92	53Eps Cyg	2.5000	4500.0	82	12856	No
97	GOM_NL__2PRFIN20040815_052815_000000382029_00277_12856_2506.N1	15-AUG-2004 05:28:15	Bright	38.000	66	37Gam Cyg	2.2080	5900.0	76	12856	No
98	GOM_NL__2PRFIN20040815_052931_000000372029_00277_12856_2507.N1	15-AUG-2004 05:29:31	Bright	36.500	144	18Del Cyg	2.8600	11000.	73	12856	No
99	GOM_NL__2PRFIN20040815_053226_000000392029_00277_12856_2508.N1	15-AUG-2004 05:32:26	Bright	38.500	69	33Gam Dra	2.2310	3800.0	77	12856	No
100	GOM_NL__2PRFIN20040815_053515_000000402029_00277_12856_2509.N1	15-AUG-2004 05:35:15	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	12856	No
101	GOM_NL__2PRFIN20040815_054042_000000402029_00277_12856_2510.N1	15-AUG-2004 05:40:42	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	12856	No

102	GOM_NL__2PRFIN20040815_054214_00000352029_00277_12856_2511.N1	15-AUG-2004 05:42:14	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	12856	No
103	GOM_NL__2PRFIN20040815_054344_00000502029_00277_12856_2512.N1	15-AUG-2004 05:43:44	Bright	50.000	110	37Del Cas	2.6780	8900.0	100	12856	No
104	GOM_NL__2PRFIN20040815_054938_00000552029_00277_12856_2513.N1	15-AUG-2004 05:49:38	Bright	54.500	160	23Gam Per	2.9300	4700.0	109	12856	No
105	GOM_NL__2PRFIN20040815_055135_00000612029_00277_12856_2514.N1	15-AUG-2004 05:51:35	Bright	60.500	35	33Alp Per	1.7950	6250.0	121	12856	No
106	GOM_NL__2PRFIN20040815_055510_00000792029_00277_12856_2515.N1	15-AUG-2004 05:55:10	Bright	78.500	79	26Bet Per	2.3100	13100.	157	12856	No
107	GOM_NL__2PRFIN20040815_055742_00000412029_00277_12856_2516.N1	15-AUG-2004 05:57:42	Bright	40.500	107	37The Aur	2.6490	11000.	81	12856	No
108	GOM_NL__2PRFIN20040815_060047_00000542029_00277_12856_2517.N1	15-AUG-2004 06:00:47	Twi_and_stray	54.000	28	12Bet Tau	1.6500	15200.	108	12856	No
109	GOM_NL__2PRFIN20040815_060335_00000442029_00277_12856_2518.N1	15-AUG-2004 06:03:35	Twi_and_stray	44.000	44	24Gam Gem	1.9280	11000.	88	12856	No
110	GOM_NL__2PRFIN20040815_060632_00000852029_00277_12856_2519.N1	15-AUG-2004 06:06:32	Dark	85.000	13	87Alp Tau	0.86700	3800.0	170	12856	No
111	GOM_NL__2PRFIN20040815_061014_00000522029_00277_12856_2520.N1	15-AUG-2004 06:10:14	Dark	52.000	30	46Eps Ori	1.6940	30000.	104	12856	No
112	GOM_NL__2PRFIN20040815_061242_00000392029_00277_12856_2521.N1	15-AUG-2004 06:12:42	Dark	39.000	1	9Alp CMa	-1.4400	11000.	78	12856	No
113	GOM_NL__2PRFIN20040815_061421_00000372029_00277_12856_2522.N1	15-AUG-2004 06:14:21	Dark	37.000	179	24Omi2CMa	3.0320	24000.	74	12856	No
114	GOM_NL__2PRFIN20040815_061548_00000432029_00277_12856_2523.N1	15-AUG-2004 06:15:48	Dark	42.500	23	21Eps CMa	1.5020	26000.	85	12856	No
115	GOM_NL__2PRFIN20040815_061748_00000422029_00277_12856_2524.N1	15-AUG-2004 06:17:48	Dark	41.500	117	Pi Pup	2.7060	3800.0	83	12856	No
116	GOM_NL__2PRFIN20040815_062238_00000472029_00277_12856_2525.N1	15-AUG-2004 06:22:38	Dark	47.000	2	Alp Car	-0.73600	7000.0	94	12856	No
117	GOM_NL__2PRFIN20040815_062852_00000552029_00278_12857_2496.N1	15-AUG-2004 06:28:52	Dark	55.000	157	The1Eri	2.9060	9300.0	110	12857	No
118	GOM_NL__2PRFIN20040815_063302_00000472029_00278_12857_2497.N1	15-AUG-2004 06:33:02	Dark	46.500	9	Alp Eri	0.45300	24000.	93	12857	No
119	GOM_NL__2PRFIN20040815_063845_00000662029_00278_12857_2498.N1	15-AUG-2004 06:38:45	Straylight	66.000	84	Alp Phe	2.3970	4500.0	132	12857	No
120	GOM_NL__2PRFIN20040815_064224_00000462029_00278_12857_2499.N1	15-AUG-2004 06:42:24	Straylight	45.500	31	Alp Gru	1.7340	15200.	91	12857	No
121	GOM_NL__2PRFIN20040815_064620_00000572029_00278_12857_2500.N1	15-AUG-2004 06:46:20	Twi_and_stray	57.000	18	24Alp PsA	1.1660	9700.0	114	12857	No
122	GOM_NL__2PRFIN20040815_065203_00000462029_00278_12857_2501.N1	15-AUG-2004 06:52:03	Bright	45.500	142	49Del Cap	2.8500	8900.0	91	12857	No
123	GOM_NL__2PRFIN20040815_065532_00000442029_00278_12857_2502.N1	15-AUG-2004 06:55:32	Bright	44.000	154	22Bet Aqr	2.8990	5700.0	88	12857	No
124	GOM_NL__2PRFIN20040815_065736_00000502029_00278_12857_2503.N1	15-AUG-2004 06:57:36	Bright	50.000	162	34Alp Aqr	2.9440	5350.0	100	12857	No
125	GOM_NL__2PRFIN20040815_065956_00000372029_00278_12857_2504.N1	15-AUG-2004 06:59:56	Bright	37.000	11	53Alp Aql	0.76500	8000.0	74	12857	No
126	GOM_NL__2PRFIN20040815_070147_00000372029_00278_12857_2505.N1	15-AUG-2004 07:01:47	Bright	37.000	168	17Zet Aql	2.9860	11000.	74	12857	No
127	GOM_NL__2PRFIN20040815_070716_00000392029_00278_12857_2506.N1	15-AUG-2004 07:07:16	Bright	39.000	92	53Eps Cyg	2.5000	4500.0	78	12857	No
128	GOM_NL__2PRFIN20040815_070851_00000362029_00278_12857_2507.N1	15-AUG-2004 07:08:51	Bright	36.000	66	37Gam Cyg	2.2080	5900.0	72	12857	No
129	GOM_NL__2PRFIN20040815_071007_00000382029_00278_12857_2508.N1	15-AUG-2004 07:10:07	Bright	37.500	144	18Del Cyg	2.8600	11000.	75	12857	No
130	GOM_NL__2PRFIN20040815_071302_00000402029_00278_12857_2509.N1	15-AUG-2004 07:13:02	Bright	39.500	69	33Gam Dra	2.2310	3800.0	79	12857	No
131	GOM_NL__2PRFIN20040815_071551_00000402029_00278_12857_2510.N1	15-AUG-2004 07:15:51	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	12857	No
132	GOM_NL__2PRFIN20040815_072119_00000402029_00278_12857_2511.N1	15-AUG-2004 07:21:19	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	12857	No
133	GOM_NL__2PRFIN20040815_072250_00000382029_00278_12857_2512.N1	15-AUG-2004 07:22:50	Bright	38.000	49	1Alp UMi	1.9900	6300.0	76	12857	No
134	GOM_NL__2PRFIN20040815_072418_00000502029_00278_12857_2513.N1	15-AUG-2004 07:24:18	Bright	50.000	110	37Del Cas	2.6780	8900.0	100	12857	No
135	GOM_NL__2PRFIN20040815_073013_00000542029_00278_12857_2514.N1	15-AUG-2004 07:30:13	Bright	53.500	160	23Gam Per	2.9300	4700.0	107	12857	No
136	GOM_NL__2PRFIN20040815_073211_00000582029_00278_12857_2515.N1	15-AUG-2004 07:32:11	Bright	57.500	35	33Alp Per	1.7950	6250.0	115	12857	No
137	GOM_NL__2PRFIN20040815_073545_00000772029_00278_12857_2516.N1	15-AUG-2004 07:35:45	Bright	77.000	79	26Bet Per	2.3100	13100.	154	12857	No
138	GOM_NL__2PRFIN20040815_073818_00000392029_00278_12857_2517.N1	15-AUG-2004 07:38:18	Bright	38.500	107	37The Aur	2.6490	11000.	77	12857	No
139	GOM_NL__2PRFIN20040815_074123_00000512029_00278_12857_2518.N1	15-AUG-2004 07:41:23	Twi_and_stray	50.500	28	12Bet Tau	1.6500	15200.	101	12857	No
140	GOM_NL__2PRFIN20040815_074412_00000452029_00278_12857_2519.N1	15-AUG-2004 07:44:12	Twi_and_stray	45.000	44	24Gam Gem	1.9280	11000.	90	12857	No
141	GOM_NL__2PRFIN20040815_074710_00000852029_00278_12857_2520.N1	15-AUG-2004 07:47:10	Dark	85.000	13	87Alp Tau	0.86700	3800.0	170	12857	No
142	GOM_NL__2PRFIN20040815_075051_00000502029_00278_12857_2521.N1	15-AUG-2004 07:50:51	Dark	50.000	30	46Eps Ori	1.6940	30000.	100	12857	No
143	GOM_NL__2PRFIN20040815_075319_00000392029_00278_12857_2522.N1	15-AUG-2004 07:53:19	Dark	38.500	1	9Alp CMa	-1.4400	11000.	77	12857	No
144	GOM_NL__2PRFIN20040815_075457_00000392029_00278_12857_2523.N1	15-AUG-2004 07:54:57	Dark	39.000	179	24Omi2CMa	3.0320	24000.	78	12857	No
145	GOM_NL__2PRFIN20040815_075624_00000412029_00278_12857_2524.N1	15-AUG-2004 07:56:24	Dark	40.500	23	21Eps CMa	1.5020	26000.	81	12857	No
146	GOM_NL__2PRFIN20040815_075824_00000422029_00278_12857_2525.N1	15-AUG-2004 07:58:24	Dark	42.000	117	Pi Pup	2.7060	3800.0	84	12857	No
147	GOM_NL__2PRFIN20040815_080314_00000452029_00278_12857_2526.N1	15-AUG-2004 08:03:14	Dark	45.000	2	Alp Car	-0.73600	7000.0	90	12857	No
148	GOM_NL__2PRFIN20040815_080929_00000522029_00279_12858_2496.N1	15-AUG-2004 08:09:29	Dark	52.000	157	The1Eri	2.9060	9300.0	104	12858	No
149	GOM_NL__2PRFIN20040815_081339_00000482029_00279_12858_2497.N1	15-AUG-2004 08:13:39	Dark	47.500	9	Alp Eri	0.45300	24000.	95	12858	No
150	GOM_NL__2PRFIN20040815_081922_00000552029_00279_12858_2498.N1	15-AUG-2004 08:19:22	Straylight	55.000	84	Alp Phe	2.3970	4500.0	110	12858	No
151	GOM_NL__2PRFIN20040815_082300_00000452029_00279_12858_2499.N1	15-AUG-2004 08:23:00	Straylight	45.000	31	Alp Gru	1.7340	15200.	90	12858	No
152	GOM_NL__2PRFIN20040815_082656_00000592029_00279_12858_2500.N1	15-AUG-2004 08:26:56	Twi_and_stray	58.500	18	24Alp PsA	1.1660	9700.0	117	12858	No
153	GOM_NL__2PRFIN20040815_083239_00000462029_00279_12858_2501.N1	15-AUG-2004 08:32:39	Bright	46.000	142	49Del Cap	2.8500	8900.0	92	12858	No
154	GOM_NL__2PRFIN20040815_083608_00000432029_00279_12858_2502.N1	15-AUG-2004 08:36:08	Bright	42.500	154	22Bet Aqr	2.8990	5700.0	85	12858	No
155	GOM_NL__2PRFIN20040815_083811_00000492029_00279_12858_2503.N1	15-AUG-2004 08:38:11	Bright	49.000	162	34Alp Aqr	2.9440	5350.0	98	12858	No
156	GOM_NL__2PRFIN20040815_084032_00000392029_00279_12858_2504.N1	15-AUG-2004 08:40:32	Bright	38.500	11	53Alp Aql	0.76500	8000.0	77	12858	No
157	GOM_NL__2PRFIN20040815_084223_00000382029_00279_12858_2505.N1	15-AUG-2004 08:42:23	Bright	38.000	168	17Zet Aql	2.9860	11000.	76	12858	No
158	GOM_NL__2PRFIN20040815_084752_00000422029_00279_12858_2506.N1	15-AUG-2004 08:47:52	Bright	41.500	92	53Eps Cyg	2.5000	4500.0	83	12858	No
159	GOM_NL__2PRFIN20040815_084927_00000412029_00279_12858_2507.N1	15-AUG-2004 08:49:27	Bright	40.500	66	37Gam Cyg	2.2080	5900.0	81	12858	No
160	GOM_NL__2PRFIN20040815_085043_00000362029_00279_12858_2508.N1	15-AUG-2004 08:50:43	Bright	35.500	144	18Del Cyg	2.8600	11000.	71	12858	No

161	GOM_NL__2PRFIN20040815_085338_000000402029_00279_12858_2509.N1	15-AUG-2004 08:53:38	Bright	40.000	69	33Gam Dra	2.2310	3800.0	80	12858	No
162	GOM_NL__2PRFIN20040815_085626_000000402029_00279_12858_2510.N1	15-AUG-2004 08:56:26	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	12858	No
163	GOM_NL__2PRFIN20040815_090154_000000402029_00279_12858_2511.N1	15-AUG-2004 09:01:54	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	12858	No
164	GOM_NL__2PRFIN20040815_090326_000000382029_00279_12858_2512.N1	15-AUG-2004 09:03:26	Bright	38.000	49	1Alp UMi	1.9900	6300.0	76	12858	No
165	GOM_NL__2PRFIN20040815_090454_000000512029_00279_12858_2513.N1	15-AUG-2004 09:04:54	Bright	51.000	110	37Del Cas	2.6780	8900.0	102	12858	No
166	GOM_NL__2PRFIN20040815_091049_000000552029_00279_12858_2514.N1	15-AUG-2004 09:10:49	Bright	55.000	160	23Gam Per	2.9300	4700.0	110	12858	No
167	GOM_NL__2PRFIN20040815_091247_000000592029_00279_12858_2515.N1	15-AUG-2004 09:12:47	Bright	59.000	35	33Alp Per	1.7950	6250.0	118	12858	No
168	GOM_NL__2PRFIN20040815_091621_000000792029_00279_12858_2516.N1	15-AUG-2004 09:16:21	Bright	78.500	79	26Bet Per	2.3100	13100.	157	12858	No
169	GOM_NL__2PRFIN20040815_091854_000000402029_00279_12858_2517.N1	15-AUG-2004 09:18:54	Bright	40.000	107	37The Aur	2.6490	11000.	80	12858	No
170	GOM_NL__2PRFIN20040815_092200_000000532029_00279_12858_2518.N1	15-AUG-2004 09:22:00	Tw_i_and_stray	52.500	28	12Bet Tau	1.6500	15200.	105	12858	No
171	GOM_NL__2PRFIN20040815_092448_000000442029_00279_12858_2519.N1	15-AUG-2004 09:24:48	Tw_i_and_stray	44.000	44	24Gam Gem	1.9280	11000.	88	12858	No
172	GOM_NL__2PRFIN20040815_092747_000000742029_00279_12858_2520.N1	15-AUG-2004 09:27:47	Dark	74.000	13	87Alp Tau	0.86700	3800.0	148	12858	No
173	GOM_NL__2PRFIN20040815_093127_000000482029_00279_12858_2521.N1	15-AUG-2004 09:31:27	Dark	48.000	30	46Eps Ori	1.6940	30000.	96	12858	No
174	GOM_NL__2PRFIN20040815_093354_000000482029_00279_12858_2522.N1	15-AUG-2004 09:33:54	Dark	48.000	1	9Alp CMa	-1.4400	11000.	96	12858	No
175	GOM_NL__2PRFIN20040815_093533_000000402029_00279_12858_2523.N1	15-AUG-2004 09:35:33	Dark	40.000	179	24Omi2CMa	3.0320	24000.	80	12858	No
176	GOM_NL__2PRFIN20040815_093700_000000422029_00279_12858_2524.N1	15-AUG-2004 09:37:00	Dark	42.000	23	21Eps CMa	1.5020	26000.	84	12858	No
177	GOM_NL__2PRFIN20040815_093900_000000442029_00279_12858_2525.N1	15-AUG-2004 09:39:00	Dark	43.500	117	Pi Pup	2.7060	3800.0	87	12858	No
178	GOM_NL__2PRFIN20040815_094350_000000472029_00279_12858_2526.N1	15-AUG-2004 09:43:50	Dark	46.500	2	Alp Car	-0.73600	7000.0	93	12858	No
179	GOM_NL__2PRFIN20040815_095006_000000532029_00280_12859_2497.N1	15-AUG-2004 09:50:06	Dark	53.000	157	The1Eri	2.9060	9300.0	106	12859	No
180	GOM_NL__2PRFIN20040815_095415_000000482029_00280_12859_2498.N1	15-AUG-2004 09:54:15	Dark	47.500	9	Alp Eri	0.45300	24000.	95	12859	No
181	GOM_NL__2PRFIN20040815_095959_000000662029_00280_12859_2499.N1	15-AUG-2004 09:59:59	Straylight	66.000	84	Alp Phe	2.3970	4500.0	132	12859	No
182	GOM_NL__2PRFIN20040815_100336_000000432029_00280_12859_2500.N1	15-AUG-2004 10:03:36	Straylight	42.500	31	Alp Gru	1.7340	15200.	85	12859	No
183	GOM_NL__2PRFIN20040815_100731_000000572029_00280_12859_2501.N1	15-AUG-2004 10:07:31	Tw_i_and_stray	56.500	18	24Alp PsA	1.1660	9700.0	113	12859	No
184	GOM_NL__2PRFIN20040815_101314_000000462029_00280_12859_2502.N1	15-AUG-2004 10:13:14	Bright	45.500	142	49Del Cap	2.8500	8900.0	91	12859	No
185	GOM_NL__2PRFIN20040815_101643_000000452029_00280_12859_2503.N1	15-AUG-2004 10:16:43	Bright	44.500	154	22Bet Aqr	2.8990	5700.0	89	12859	No
186	GOM_NL__2PRFIN20040815_101846_000000502029_00280_12859_2504.N1	15-AUG-2004 10:18:46	Bright	50.000	162	34Alp Aqr	2.9440	5350.0	100	12859	No
187	GOM_NL__2PRFIN20040815_102108_000000382029_00280_12859_2505.N1	15-AUG-2004 10:21:08	Bright	38.000	11	53Alp Aql	0.76500	8000.0	76	12859	No
188	GOM_NL__2PRFIN20040815_102259_000000372029_00280_12859_2506.N1	15-AUG-2004 10:22:59	Bright	36.500	168	17Zet Aql	2.9860	11000.	73	12859	No
189	GOM_NL__2PRFIN20040815_102827_000000402029_00280_12859_2507.N1	15-AUG-2004 10:28:27	Bright	40.000	92	53Eps Cyg	2.5000	4500.0	80	12859	No
190	GOM_NL__2PRFIN20040815_103002_000000372029_00280_12859_2508.N1	15-AUG-2004 10:30:02	Bright	36.500	66	37Gam Cyg	2.2080	5900.0	73	12859	No
191	GOM_NL__2PRFIN20040815_103118_000000362029_00280_12859_2509.N1	15-AUG-2004 10:31:18	Bright	36.000	144	18Del Cyg	2.8600	11000.	72	12859	No
192	GOM_NL__2PRFIN20040815_103414_000000402029_00280_12859_2510.N1	15-AUG-2004 10:34:14	Bright	39.500	69	33Gam Dra	2.2310	3800.0	79	12859	No
193	GOM_NL__2PRFIN20040815_103701_000000402029_00280_12859_2511.N1	15-AUG-2004 10:37:01	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	12859	No
194	GOM_NL__2PRFIN20040815_104231_000000392029_00280_12859_2512.N1	15-AUG-2004 10:42:31	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	12859	No
195	GOM_NL__2PRFIN20040815_104401_000000392029_00280_12859_2513.N1	15-AUG-2004 10:44:01	Bright	39.000	49	1Alp UMi	1.9900	6300.0	78	12859	No
196	GOM_NL__2PRFIN20040815_104530_000000502029_00280_12859_2514.N1	15-AUG-2004 10:45:30	Bright	50.000	110	37Del Cas	2.6780	8900.0	100	12859	No
197	GOM_NL__2PRFIN20040815_105124_000000562029_00280_12859_2515.N1	15-AUG-2004 10:51:24	Bright	55.500	160	23Gam Per	2.9300	4700.0	111	12859	No
198	GOM_NL__2PRFIN20040815_105322_000000562029_00280_12859_2516.N1	15-AUG-2004 10:53:22	Bright	56.000	35	33Alp Per	1.7950	6250.0	112	12859	No
199	GOM_NL__2PRFIN20040815_105656_000000792029_00280_12859_2517.N1	15-AUG-2004 10:56:56	Bright	79.000	79	26Bet Per	2.3100	13100.	158	12859	No
200	GOM_NL__2PRFIN20040815_105931_000000402029_00280_12859_2518.N1	15-AUG-2004 10:59:31	Bright	40.000	107	37The Aur	2.6490	11000.	80	12859	No
201	GOM_NL__2PRFIN20040815_110236_000000512029_00280_12859_2519.N1	15-AUG-2004 11:02:36	Tw_i_and_stray	50.500	28	12Bet Tau	1.6500	15200.	101	12859	No
202	GOM_NL__2PRFIN20040815_110524_000000402029_00280_12859_2520.N1	15-AUG-2004 11:05:24	Tw_i_and_stray	40.000	44	24Gam Gem	1.9280	11000.	80	12859	No
203	GOM_NL__2PRFIN20040815_110824_000000702029_00280_12859_2521.N1	15-AUG-2004 11:08:24	Dark	70.000	13	87Alp Tau	0.86700	3800.0	140	12859	No
204	GOM_NL__2PRFIN20040815_111203_000000502029_00280_12859_2522.N1	15-AUG-2004 11:12:03	Dark	49.500	30	46Eps Ori	1.6940	30000.	99	12859	No
205	GOM_NL__2PRFIN20040815_111431_000000472029_00280_12859_2523.N1	15-AUG-2004 11:14:31	Dark	47.000	1	9Alp CMa	-1.4400	11000.	94	12859	No
206	GOM_NL__2PRFIN20040815_111608_000000422029_00280_12859_2524.N1	15-AUG-2004 11:16:08	Dark	42.000	179	24Omi2CMa	3.0320	24000.	84	12859	No
207	GOM_NL__2PRFIN20040815_111735_000000452029_00280_12859_2525.N1	15-AUG-2004 11:17:35	Dark	45.000	23	21Eps CMa	1.5020	26000.	90	12859	No
208	GOM_NL__2PRFIN20040815_111936_000000462029_00280_12859_2526.N1	15-AUG-2004 11:19:36	Dark	45.500	117	Pi Pup	2.7060	3800.0	91	12859	No
209	GOM_NL__2PRFIN20040815_112426_000000512029_00280_12859_2527.N1	15-AUG-2004 11:24:26	Dark	50.500	2	Alp Car	-0.73600	7000.0	101	12859	No
210	GOM_NL__2PRFIN20040815_113043_000000542029_00281_12860_2498.N1	15-AUG-2004 11:30:43	Dark	53.500	157	The1Eri	2.9060	9300.0	107	12860	No
211	GOM_NL__2PRFIN20040815_113452_000000472029_00281_12860_2499.N1	15-AUG-2004 11:34:52	Dark	46.500	9	Alp Eri	0.45300	24000.	93	12860	No
212	GOM_NL__2PRFIN20040815_114035_000000652029_00281_12860_2500.N1	15-AUG-2004 11:40:35	Straylight	65.000	84	Alp Phe	2.3970	4500.0	130	12860	No
213	GOM_NL__2PRFIN20040815_114322_000000502029_00281_12860_2501.N1	15-AUG-2004 11:43:22	Straylight	49.500	63	Bet Gru	2.1500	2800.0	99	12860	No
214	GOM_NL__2PRFIN20040815_114808_000000612029_00281_12860_2502.N1	15-AUG-2004 11:48:08	Tw_i_and_stray	61.000	18	24Alp PsA	1.1660	9700.0	122	12860	No
215	GOM_NL__2PRFIN20040815_115351_000000452029_00281_12860_2503.N1	15-AUG-2004 11:53:51	Bright	45.000	142	49Del Cap	2.8500	8900.0	90	12860	No
216	GOM_NL__2PRFIN20040815_115719_000000452029_00281_12860_2504.N1	15-AUG-2004 11:57:19	Bright	44.500	154	22Bet Aqr	2.8990	5700.0	89	12860	No
217	GOM_NL__2PRFIN20040815_115922_000000512029_00281_12860_2505.N1	15-AUG-2004 11:59:22	Bright	51.000	162	34Alp Aqr	2.9440	5350.0	102	12860	No
218	GOM_NL__2PRFIN20040815_120144_000000412029_00281_12860_2506.N1	15-AUG-2004 12:01:44	Bright	40.500	11	53Alp Aql	0.76500	8000.0	81	12860	No
219	GOM_NL__2PRFIN20040815_120336_000000382029_00281_12860_2507.N1	15-AUG-2004 12:03:36	Bright	37.500	168	17Zet Aql	2.9860	11000.	75	12860	No

220	GOM_NL__2PRFIN20040815_120903_000000382029_00281_12860_2508.N1	15-AUG-2004 12:09:03	Bright	38.000	92	53Eps Cyg	2.5000	4500.0	76	12860	No
221	GOM_NL__2PRFIN20040815_121038_000000362029_00281_12860_2509.N1	15-AUG-2004 12:10:38	Bright	36.000	66	37Gam Cyg	2.2080	5900.0	72	12860	No
222	GOM_NL__2PRFIN20040815_121154_000000352029_00281_12860_2510.N1	15-AUG-2004 12:11:54	Bright	35.000	144	18Del Cyg	2.8600	11000.	70	12860	No
223	GOM_NL__2PRFIN20040815_121450_000000432029_00281_12860_2511.N1	15-AUG-2004 12:14:50	Bright	42.500	69	33Gam Dra	2.2310	3800.0	85	12860	No
224	GOM_NL__2PRFIN20040815_121737_000000412029_00281_12860_2512.N1	15-AUG-2004 12:17:37	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	12860	No
225	GOM_NL__2PRFIN20040815_122306_000000412029_00281_12860_2513.N1	15-AUG-2004 12:23:06	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	12860	No
226	GOM_NL__2PRFIN20040815_123159_000000552029_00281_12860_2514.N1	15-AUG-2004 12:31:59	Bright	54.500	160	23Gam Per	2.9300	4700.0	109	12860	No
227	GOM_NL__2PRFIN20040815_123357_000000632029_00281_12860_2515.N1	15-AUG-2004 12:33:57	Bright	62.500	35	33Alp Per	1.7950	6250.0	125	12860	No
228	GOM_NL__2PRFIN20040815_123732_000000782029_00281_12860_2516.N1	15-AUG-2004 12:37:32	Bright	78.000	79	26Bet Per	2.3100	13100.	156	12860	No
229	GOM_NL__2PRFIN20040815_124006_000000412029_00281_12860_2517.N1	15-AUG-2004 12:40:06	Bright	41.000	107	37The Aur	2.6490	11000.	82	12860	No
230	GOM_NL__2PRFIN20040815_124311_000000512029_00281_12860_2518.N1	15-AUG-2004 12:43:11	Twi_and_stray	51.000	28	12Bet Tau	1.6500	15200.	102	12860	No
231	GOM_NL__2PRFIN20040815_124600_000000392029_00281_12860_2519.N1	15-AUG-2004 12:46:00	Twi_and_stray	39.000	44	24Gam Gem	1.9280	11000.	78	12860	No
232	GOM_NL__2PRFIN20040815_124929_000000552029_00281_12860_2520.N1	15-AUG-2004 12:49:29	Dark	55.000	14	58Alp Ori	0.87000	3000.0	110	12860	No
233	GOM_NL__2PRFIN20040815_125240_000000522029_00281_12860_2521.N1	15-AUG-2004 12:52:40	Dark	51.500	30	46Eps Ori	1.6940	30000.	103	12860	No
234	GOM_NL__2PRFIN20040815_125507_000000492029_00281_12860_2522.N1	15-AUG-2004 12:55:07	Dark	48.500	1	9Alp CMa	-1.4400	11000.	97	12860	No
235	GOM_NL__2PRFIN20040815_125721_000000452029_00281_12860_2523.N1	15-AUG-2004 12:57:21	Dark	45.000	37	25Del CMa	1.8300	5900.0	90	12860	No
236	GOM_NL__2PRFIN20040815_130012_000000442029_00281_12860_2524.N1	15-AUG-2004 13:00:12	Dark	44.000	117	Pi Pup	2.7060	3800.0	88	12860	No
237	GOM_NL__2PRFIN20040815_130502_000000522029_00281_12860_2525.N1	15-AUG-2004 13:05:02	Dark	52.000	2	Alp Car	-0.73600	7000.0	104	12860	No
238	GOM_NL__2PRFIN20040815_131120_000000532029_00282_12861_2498.N1	15-AUG-2004 13:11:20	Dark	53.000	157	The1Eri	2.9060	9300.0	106	12861	No
239	GOM_NL__2PRFIN20040815_131529_000000462029_00282_12861_2499.N1	15-AUG-2004 13:15:29	Dark	46.000	9	Alp Eri	0.45300	24000.	92	12861	No
240	GOM_NL__2PRFIN20040815_132112_000000572029_00282_12861_2500.N1	15-AUG-2004 13:21:12	Straylight	57.000	84	Alp Phe	2.3970	4500.0	114	12861	No
241	GOM_NL__2PRFIN20040815_132357_000000502029_00282_12861_2501.N1	15-AUG-2004 13:23:57	Straylight	49.500	63	Bet Gru	2.1500	2800.0	99	12861	No
242	GOM_NL__2PRFIN20040815_132844_000000612029_00282_12861_2502.N1	15-AUG-2004 13:28:44	Twi_and_stray	61.000	18	24Alp PsA	1.1660	9700.0	122	12861	No
243	GOM_NL__2PRFIN20040815_133426_000000462029_00282_12861_2503.N1	15-AUG-2004 13:34:26	Bright	45.500	142	49Del Cap	2.8500	8900.0	91	12861	No
244	GOM_NL__2PRFIN20040815_133754_000000462029_00282_12861_2504.N1	15-AUG-2004 13:37:54	Bright	45.500	154	22Bet Aqr	2.8990	5700.0	91	12861	No
245	GOM_NL__2PRFIN20040815_133957_000000512029_00282_12861_2505.N1	15-AUG-2004 13:39:57	Bright	51.000	162	34Alp Aqr	2.9440	5350.0	102	12861	No
246	GOM_NL__2PRFIN20040815_134219_000000382029_00282_12861_2506.N1	15-AUG-2004 13:42:19	Bright	37.500	11	53Alp Aql	0.76500	8000.0	75	12861	No
247	GOM_NL__2PRFIN20040815_134412_000000382029_00282_12861_2507.N1	15-AUG-2004 13:44:12	Bright	37.500	168	17Zet Aql	2.9860	11000.	75	12861	No
248	GOM_NL__2PRFIN20040815_134938_000000422029_00282_12861_2508.N1	15-AUG-2004 13:49:38	Bright	41.500	92	53Eps Cyg	2.5000	4500.0	83	12861	No
249	GOM_NL__2PRFIN20040815_135113_000000402029_00282_12861_2509.N1	15-AUG-2004 13:51:13	Bright	39.500	66	37Gam Cyg	2.2080	5900.0	79	12861	No
250	GOM_NL__2PRFIN20040815_135229_000000392029_00282_12861_2510.N1	15-AUG-2004 13:52:29	Bright	39.000	144	18Del Cyg	2.8600	11000.	78	12861	No
251	GOM_NL__2PRFIN20040815_135526_000000402029_00282_12861_2511.N1	15-AUG-2004 13:55:26	Bright	39.500	69	33Gam Dra	2.2310	3800.0	79	12861	No
252	GOM_NL__2PRFIN20040815_135812_000000412029_00282_12861_2512.N1	15-AUG-2004 13:58:12	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	12861	No
253	GOM_NL__2PRFIN20040815_140343_000000402029_00282_12861_2513.N1	15-AUG-2004 14:03:43	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	12861	No
254	GOM_NL__2PRFIN20040815_141235_000000542029_00282_12861_2514.N1	15-AUG-2004 14:12:35	Bright	54.000	160	23Gam Per	2.9300	4700.0	108	12861	No
255	GOM_NL__2PRFIN20040815_141433_000000592029_00282_12861_2515.N1	15-AUG-2004 14:14:33	Bright	59.000	35	33Alp Per	1.7950	6250.0	118	12861	No
256	GOM_NL__2PRFIN20040815_141807_000000712029_00282_12861_2516.N1	15-AUG-2004 14:18:07	Bright	71.000	79	26Bet Per	2.3100	13100.	142	12861	No
257	GOM_NL__2PRFIN20040815_142043_000000512029_00282_12861_2517.N1	15-AUG-2004 14:20:43	Bright	51.000	107	37The Aur	2.6490	11000.	102	12861	No
258	GOM_NL__2PRFIN20040815_142347_000000542029_00282_12861_2518.N1	15-AUG-2004 14:23:47	Twi_and_stray	53.500	28	12Bet Tau	1.6500	15200.	107	12861	No
259	GOM_NL__2PRFIN20040815_142636_000000422029_00282_12861_2519.N1	15-AUG-2004 14:26:36	Twi_and_stray	41.500	44	24Gam Gem	1.9280	11000.	83	12861	No
260	GOM_NL__2PRFIN20040815_143006_000000592029_00282_12861_2520.N1	15-AUG-2004 14:30:06	Dark	59.000	14	58Alp Ori	0.87000	3000.0	118	12861	No
261	GOM_NL__2PRFIN20040815_143317_000000532029_00282_12861_2521.N1	15-AUG-2004 14:33:17	Dark	53.000	30	46Eps Ori	1.6940	30000.	106	12861	No
262	GOM_NL__2PRFIN20040815_143542_000000522029_00282_12861_2522.N1	15-AUG-2004 14:35:42	Dark	51.500	1	9Alp CMa	-1.4400	11000.	103	12861	No
263	GOM_NL__2PRFIN20040815_143757_000000462029_00282_12861_2523.N1	15-AUG-2004 14:37:57	Dark	45.500	37	25Del CMa	1.8300	5900.0	91	12861	No
264	GOM_NL__2PRFIN20040815_144048_000000462029_00282_12861_2524.N1	15-AUG-2004 14:40:48	Dark	45.500	117	Pi Pup	2.7060	3800.0	91	12861	No
265	GOM_NL__2PRFIN20040815_144538_000000522029_00282_12861_2525.N1	15-AUG-2004 14:45:38	Dark	52.000	2	Alp Car	-0.73600	7000.0	104	12861	No
266	GOM_NL__2PRFIN20040815_145157_000000542029_00283_12862_2498.N1	15-AUG-2004 14:51:57	Dark	54.000	157	The1Eri	2.9060	9300.0	108	12862	No
267	GOM_NL__2PRFIN20040815_145605_000000482029_00283_12862_2499.N1	15-AUG-2004 14:56:05	Dark	48.000	9	Alp Eri	0.45300	24000.	96	12862	No
268	GOM_NL__2PRFIN20040815_150148_000000562029_00283_12862_2500.N1	15-AUG-2004 15:01:48	Straylight	55.500	84	Alp Phe	2.3970	4500.0	111	12862	No
269	GOM_NL__2PRFIN20040815_150433_000000492029_00283_12862_2501.N1	15-AUG-2004 15:04:33	Straylight	49.000	63	Bet Gru	2.1500	2800.0	98	12862	No
270	GOM_NL__2PRFIN20040815_150921_000000582029_00283_12862_2502.N1	15-AUG-2004 15:09:21	Twi_and_stray	58.000	18	24Alp PsA	1.1660	9700.0	116	12862	No
271	GOM_NL__2PRFIN20040815_151501_000000452029_00283_12862_2503.N1	15-AUG-2004 15:15:01	Bright	44.500	142	49Del Cap	2.8500	8900.0	89	12862	No
272	GOM_NL__2PRFIN20040815_151830_000000452029_00283_12862_2504.N1	15-AUG-2004 15:18:30	Bright	44.500	154	22Bet Aqr	2.8990	5700.0	89	12862	No
273	GOM_NL__2PRFIN20040815_152034_000000502029_00283_12862_2505.N1	15-AUG-2004 15:20:34	Bright	49.500	162	34Alp Aqr	2.9440	5350.0	99	12862	No
274	GOM_NL__2PRFIN20040815_152256_000000372029_00283_12862_2506.N1	15-AUG-2004 15:22:56	Bright	36.500	11	53Alp Aql	0.76500	8000.0	73	12862	No
275	GOM_NL__2PRFIN20040815_152448_000000372029_00283_12862_2507.N1	15-AUG-2004 15:24:48	Bright	37.000	168	17Zet Aql	2.9860	11000.	74	12862	No
276	GOM_NL__2PRFIN20040815_153013_000000402029_00283_12862_2508.N1	15-AUG-2004 15:30:13	Bright	40.000	92	53Eps Cyg	2.5000	4500.0	80	12862	No
277	GOM_NL__2PRFIN20040815_153148_000000422029_00283_12862_2509.N1	15-AUG-2004 15:31:48	Bright	41.500	66	37Gam Cyg	2.2080	5900.0	83	12862	No
278	GOM_NL__2PRFIN20040815_153306_000000372029_00283_12862_2510.N1	15-AUG-2004 15:33:06	Bright	37.000	144	18Del Cyg	2.8600	11000.	74	12862	No

279	GOM_NL__2PRFIN20040815_153602_000000412029_00283_12862_2511.N1	15-AUG-2004 15:36:02	Bright	41.000	69	33Gam Dra	2.2310	3800.0	82	12862	No
280	GOM_NL__2PRFIN20040815_153847_000000422029_00283_12862_2512.N1	15-AUG-2004 15:38:47	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	12862	No
281	GOM_NL__2PRFIN20040815_154419_000000392029_00283_12862_2513.N1	15-AUG-2004 15:44:19	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	12862	No
282	GOM_NL__2PRFIN20040815_155309_000000562029_00283_12862_2514.N1	15-AUG-2004 15:53:09	Bright	56.000	160	23Gam Per	2.9300	4700.0	112	12862	No
283	GOM_NL__2PRFIN20040815_155508_000000592029_00283_12862_2515.N1	15-AUG-2004 15:55:08	Bright	58.500	35	33Alp Per	1.7950	6250.0	117	12862	No
284	GOM_NL__2PRFIN20040815_155843_000000782029_00283_12862_2516.N1	15-AUG-2004 15:58:43	Bright	77.500	79	26Bet Per	2.3100	13100.	155	12862	No
285	GOM_NL__2PRFIN20040815_160118_000000432029_00283_12862_2517.N1	15-AUG-2004 16:01:18	Bright	43.000	107	37The Aur	2.6490	11000.	86	12862	No
286	GOM_NL__2PRFIN20040815_160424_000000532029_00283_12862_2518.N1	15-AUG-2004 16:04:24	Twilight	52.500	28	12Bet Tau	1.6500	15200.	105	12862	No
287	GOM_NL__2PRFIN20040815_160712_000000452029_00283_12862_2519.N1	15-AUG-2004 16:07:12	Twilight	45.000	44	24Gam Gem	1.9280	11000.	90	12862	No
288	GOM_NL__2PRFIN20040815_161042_000000592029_00283_12862_2520.N1	15-AUG-2004 16:10:42	Dark	59.000	14	58Alp Ori	0.87000	3000.0	118	12862	No
289	GOM_NL__2PRFIN20040815_161353_000000522029_00283_12862_2521.N1	15-AUG-2004 16:13:53	Dark	51.500	30	46Eps Ori	1.6940	30000.	103	12862	No
290	GOM_NL__2PRFIN20040815_161619_000000512029_00283_12862_2522.N1	15-AUG-2004 16:16:19	Dark	51.000	1	9Alp CMa	-1.4400	11000.	102	12862	No
291	GOM_NL__2PRFIN20040815_161832_000000492029_00283_12862_2523.N1	15-AUG-2004 16:18:32	Dark	48.500	37	25Del CMa	1.8300	5900.0	97	12862	No
292	GOM_NL__2PRFIN20040815_162124_000000472029_00283_12862_2524.N1	15-AUG-2004 16:21:24	Dark	47.000	117	Pi Pup	2.7060	3800.0	94	12862	No
293	GOM_NL__2PRFIN20040815_162614_000000502029_00283_12862_2525.N1	15-AUG-2004 16:26:14	Dark	50.000	2	Alp Car	-0.73600	7000.0	100	12862	No
294	GOM_NL__2PRFIN20040815_163234_000000522029_00284_12863_2498.N1	15-AUG-2004 16:32:34	Dark	52.000	157	The1Eri	2.9060	9300.0	104	12863	No
295	GOM_NL__2PRFIN20040815_163642_000000482029_00284_12863_2499.N1	15-AUG-2004 16:36:42	Dark	48.000	9	Alp Eri	0.45300	24000.	96	12863	No
296	GOM_NL__2PRFIN20040815_164225_000000572029_00284_12863_2500.N1	15-AUG-2004 16:42:25	Straylight	57.000	84	Alp Phe	2.3970	4500.0	114	12863	No
297	GOM_NL__2PRFIN20040815_164510_000000562029_00284_12863_2501.N1	15-AUG-2004 16:45:10	Straylight	55.500	63	Bet Gru	2.1500	2800.0	111	12863	No
298	GOM_NL__2PRFIN20040815_164957_000000602029_00284_12863_2502.N1	15-AUG-2004 16:49:57	Twilight	59.500	18	24Alp PsA	1.1660	9700.0	119	12863	No
299	GOM_NL__2PRFIN20040815_165538_000000502029_00284_12863_2503.N1	15-AUG-2004 16:55:38	Bright	49.500	142	49Del Cap	2.8500	8900.0	99	12863	No
300	GOM_NL__2PRFIN20040815_165906_000000462029_00284_12863_2504.N1	15-AUG-2004 16:59:06	Bright	46.000	154	22Bet Aqr	2.8990	5700.0	92	12863	No
301	GOM_NL__2PRFIN20040815_170109_000000512029_00284_12863_2505.N1	15-AUG-2004 17:01:09	Bright	51.000	162	34Alp Aqr	2.9440	5350.0	102	12863	No
302	GOM_NL__2PRFIN20040815_170331_000000392029_00284_12863_2506.N1	15-AUG-2004 17:03:31	Bright	38.500	11	53Alp Aql	0.76500	8000.0	77	12863	No
303	GOM_NL__2PRFIN20040815_170524_000000372029_00284_12863_2507.N1	15-AUG-2004 17:05:24	Bright	37.000	168	17Zet Aql	2.9860	11000.	74	12863	No
304	GOM_NL__2PRFIN20040815_171050_000000422029_00284_12863_2508.N1	15-AUG-2004 17:10:50	Bright	41.500	92	53Eps Cyg	2.5000	4500.0	83	12863	No
305	GOM_NL__2PRFIN20040815_171224_000000402029_00284_12863_2509.N1	15-AUG-2004 17:12:24	Bright	40.000	66	37Gam Cyg	2.2080	5900.0	80	12863	No
306	GOM_NL__2PRFIN20040815_171342_000000372029_00284_12863_2510.N1	15-AUG-2004 17:13:42	Bright	36.500	144	18Del Cyg	2.8600	11000.	73	12863	No
307	GOM_NL__2PRFIN20040815_171639_000000382029_00284_12863_2511.N1	15-AUG-2004 17:16:39	Bright	38.000	69	33Gam Dra	2.2310	3800.0	76	12863	No
308	GOM_NL__2PRFIN20040815_171923_000000412029_00284_12863_2512.N1	15-AUG-2004 17:19:23	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	12863	No
309	GOM_NL__2PRFIN20040815_172456_000000392029_00284_12863_2513.N1	15-AUG-2004 17:24:56	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	12863	No
310	GOM_NL__2PRFIN20040815_173344_000000542029_00284_12863_2514.N1	15-AUG-2004 17:33:44	Bright	53.500	160	23Gam Per	2.9300	4700.0	107	12863	No
311	GOM_NL__2PRFIN20040815_173544_000000582029_00284_12863_2515.N1	15-AUG-2004 17:35:44	Bright	58.000	35	33Alp Per	1.7950	6250.0	116	12863	No
312	GOM_NL__2PRFIN20040815_173918_000000762029_00284_12863_2516.N1	15-AUG-2004 17:39:18	Bright	75.500	79	26Bet Per	2.3100	13100.	151	12863	No
313	GOM_NL__2PRFIN20040815_174154_000000432029_00284_12863_2517.N1	15-AUG-2004 17:41:54	Bright	42.500	107	37The Aur	2.6490	11000.	85	12863	No
314	GOM_NL__2PRFIN20040815_174500_000000552029_00284_12863_2518.N1	15-AUG-2004 17:45:00	Twilight	54.500	28	12Bet Tau	1.6500	15200.	109	12863	No
315	GOM_NL__2PRFIN20040815_174747_000000482029_00284_12863_2519.N1	15-AUG-2004 17:47:47	Twilight	48.000	44	24Gam Gem	1.9280	11000.	96	12863	No
316	GOM_NL__2PRFIN20040815_175119_000000562029_00284_12863_2520.N1	15-AUG-2004 17:51:19	Dark	55.500	14	58Alp Ori	0.87000	3000.0	111	12863	No
317	GOM_NL__2PRFIN20040815_175430_000000512029_00284_12863_2521.N1	15-AUG-2004 17:54:30	Dark	50.500	30	46Eps Ori	1.6940	30000.	101	12863	No
318	GOM_NL__2PRFIN20040815_175656_000000532029_00284_12863_2522.N1	15-AUG-2004 17:56:56	Dark	53.000	1	9Alp CMa	-1.4400	11000.	106	12863	No
319	GOM_NL__2PRFIN20040815_175910_000000452029_00284_12863_2523.N1	15-AUG-2004 17:59:10	Dark	45.000	37	25Del CMa	1.8300	5900.0	90	12863	No
320	GOM_NL__2PRFIN20040815_180200_000000482029_00284_12863_2524.N1	15-AUG-2004 18:02:00	Dark	48.000	117	Pi Pup	2.7060	3800.0	96	12863	No
321	GOM_NL__2PRFIN20040815_180651_000000522029_00284_12863_2525.N1	15-AUG-2004 18:06:51	Dark	52.000	2	Alp Car	-0.73600	7000.0	104	12863	No
322	GOM_NL__2PRFIN20040815_181311_000000542029_00285_12864_2520.N1	15-AUG-2004 18:13:11	Dark	53.500	157	The1Eri	2.9060	9300.0	107	12864	No
323	GOM_NL__2PRFIN20040815_181719_000000492029_00285_12864_2521.N1	15-AUG-2004 18:17:19	Dark	48.500	9	Alp Eri	0.45300	24000.	97	12864	No
324	GOM_NL__2PRFIN20040815_182302_000000552029_00285_12864_2522.N1	15-AUG-2004 18:23:02	Straylight	54.500	84	Alp Phe	2.3970	4500.0	109	12864	No
325	GOM_NL__2PRFIN20040815_182547_000000572029_00285_12864_2523.N1	15-AUG-2004 18:25:47	Straylight	56.500	63	Bet Gru	2.1500	2800.0	113	12864	No
326	GOM_NL__2PRFIN20040815_183034_000000592029_00285_12864_2524.N1	15-AUG-2004 18:30:34	Twilight	59.000	18	24Alp PsA	1.1660	9700.0	118	12864	No
327	GOM_NL__2PRFIN20040815_183614_000000452029_00285_12864_2525.N1	15-AUG-2004 18:36:14	Bright	45.000	142	49Del Cap	2.8500	8900.0	90	12864	No
328	GOM_NL__2PRFIN20040815_183942_000000452029_00285_12864_2526.N1	15-AUG-2004 18:39:42	Bright	44.500	154	22Bet Aqr	2.8990	5700.0	89	12864	No
329	GOM_NL__2PRFIN20040815_184145_000000512029_00285_12864_2527.N1	15-AUG-2004 18:41:45	Bright	51.000	162	34Alp Aqr	2.9440	5350.0	102	12864	No
330	GOM_NL__2PRFIN20040815_184408_000000382029_00285_12864_2528.N1	15-AUG-2004 18:44:08	Bright	38.000	11	53Alp Aql	0.76500	8000.0	76	12864	No
331	GOM_NL__2PRFIN20040815_184600_000000372029_00285_12864_2529.N1	15-AUG-2004 18:46:00	Bright	37.000	168	17Zet Aql	2.9860	11000.	74	12864	No
332	GOM_NL__2PRFIN20040815_185126_000000412029_00285_12864_2530.N1	15-AUG-2004 18:51:26	Bright	41.000	92	53Eps Cyg	2.5000	4500.0	82	12864	No
333	GOM_NL__2PRFIN20040815_185301_000000392029_00285_12864_2531.N1	15-AUG-2004 18:53:01	Bright	38.500	66	37Gam Cyg	2.2080	5900.0	77	12864	No
334	GOM_NL__2PRFIN20040815_185418_000000372029_00285_12864_2532.N1	15-AUG-2004 18:54:18	Bright	37.000	144	18Del Cyg	2.8600	11000.	74	12864	No
335	GOM_NL__2PRFIN20040815_185715_000000412029_00285_12864_2533.N1	15-AUG-2004 18:57:15	Bright	41.000	69	33Gam Dra	2.2310	3800.0	82	12864	No
336	GOM_NL__2PRFIN20040815_185959_000000412029_00285_12864_2534.N1	15-AUG-2004 18:59:59	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	12864	No
337	GOM_NL__2PRFIN20040815_190531_000000402029_00285_12864_2535.N1	15-AUG-2004 19:05:31	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	12864	No

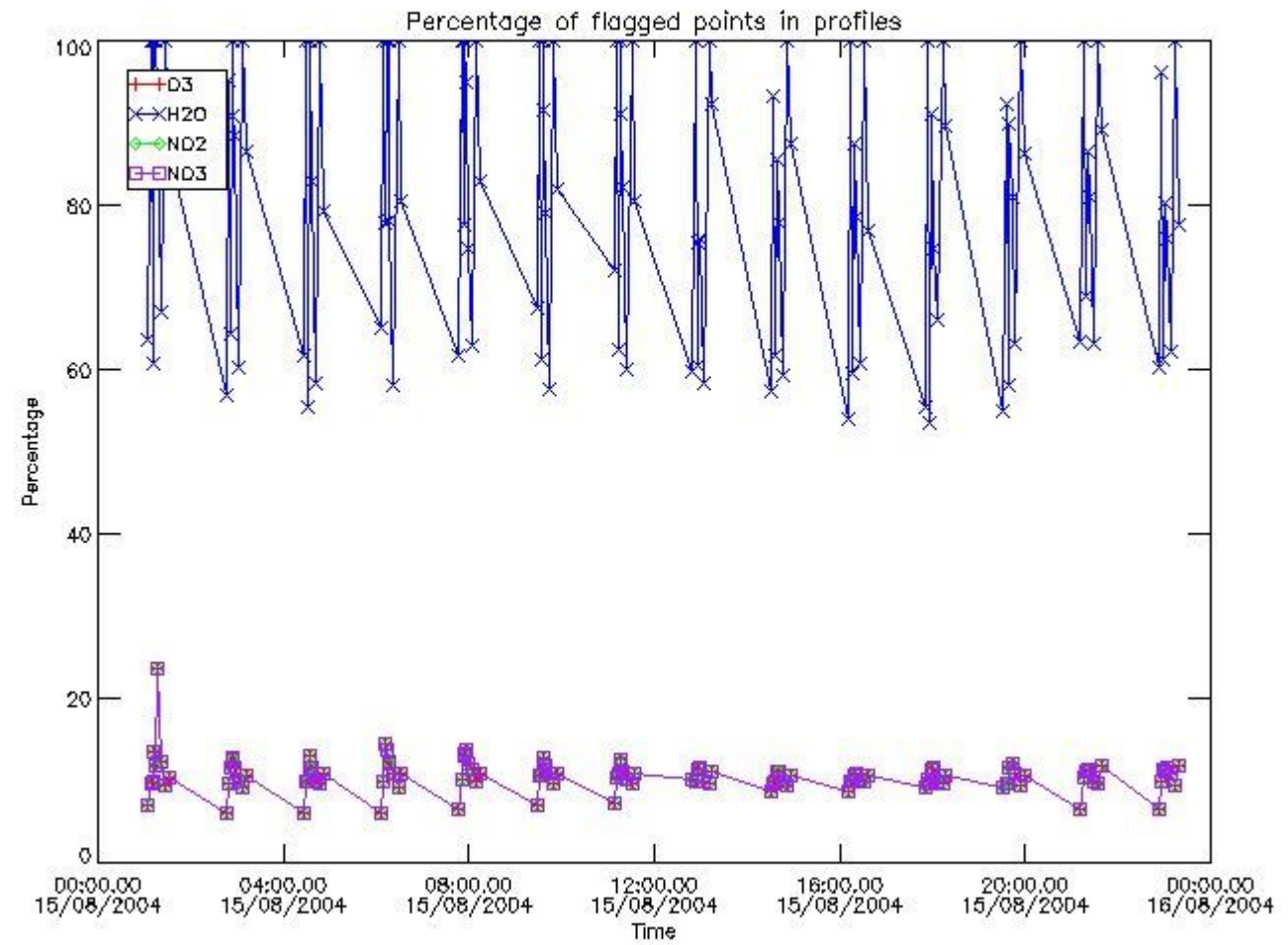
338	GOM_NL__2PRFIN20040815_191420_000000552029_00285_12864_2536.N1	15-AUG-2004 19:14:20	Bright	54.500	160	23Gam Per	2.9300	4700.0	109	12864	No
339	GOM_NL__2PRFIN20040815_191620_000000562029_00285_12864_2537.N1	15-AUG-2004 19:16:20	Bright	56.000	35	33Alp Per	1.7950	6250.0	112	12864	No
340	GOM_NL__2PRFIN20040815_191954_000000792029_00285_12864_2538.N1	15-AUG-2004 19:19:54	Bright	78.500	79	26Bet Per	2.3100	13100.	157	12864	No
341	GOM_NL__2PRFIN20040815_192230_000000412029_00285_12864_2539.N1	15-AUG-2004 19:22:30	Bright	41.000	107	37The Aur	2.6490	11000.	82	12864	No
342	GOM_NL__2PRFIN20040815_192536_000000542029_00285_12864_2540.N1	15-AUG-2004 19:25:36	Tw_i_and_stray	54.000	28	12Bet Tau	1.6500	15200.	108	12864	No
343	GOM_NL__2PRFIN20040815_192824_000000452029_00285_12864_2541.N1	15-AUG-2004 19:28:24	Tw_i_and_stray	44.500	44	24Gam Gem	1.9280	11000.	89	12864	No
344	GOM_NL__2PRFIN20040815_193155_000000562029_00285_12864_2542.N1	15-AUG-2004 19:31:55	Dark	56.000	14	58Alp Ori	0.87000	3000.0	112	12864	No
345	GOM_NL__2PRFIN20040815_193506_000000532029_00285_12864_2543.N1	15-AUG-2004 19:35:06	Dark	52.500	30	46Eps Ori	1.6940	30000.	105	12864	No
346	GOM_NL__2PRFIN20040815_193731_000000532029_00285_12864_2544.N1	15-AUG-2004 19:37:31	Dark	53.000	1	9Alp CMa	-1.4400	11000.	106	12864	No
347	GOM_NL__2PRFIN20040815_193946_000000452029_00285_12864_2545.N1	15-AUG-2004 19:39:46	Dark	44.500	37	25Del CMa	1.8300	5900.0	89	12864	No
348	GOM_NL__2PRFIN20040815_194236_000000432029_00285_12864_2546.N1	15-AUG-2004 19:42:36	Dark	42.500	117	Pi Pup	2.7060	3800.0	85	12864	No
349	GOM_NL__2PRFIN20040815_194727_000000472029_00285_12864_2547.N1	15-AUG-2004 19:47:27	Dark	46.500	2	Alp Car	-0.73600	7000.0	93	12864	No
350	GOM_NL__2PRFIN20040815_195348_000000552029_00286_12865_2520.N1	15-AUG-2004 19:53:48	Dark	54.500	157	The1Eri	2.9060	9300.0	109	12865	No
351	GOM_NL__2PRFIN20040815_195755_000000482029_00286_12865_2521.N1	15-AUG-2004 19:57:55	Dark	48.000	9	Alp Eri	0.45300	24000.	96	12865	No
352	GOM_NL__2PRFIN20040815_200339_000000542029_00286_12865_2522.N1	15-AUG-2004 20:03:39	Straylight	53.500	84	Alp Phe	2.3970	4500.0	107	12865	No
353	GOM_NL__2PRFIN20040815_200714_000000502029_00286_12865_2523.N1	15-AUG-2004 20:07:14	Straylight	50.000	31	Alp Gru	1.7340	15200.	100	12865	No
354	GOM_NL__2PRFIN20040815_201110_000000612029_00286_12865_2524.N1	15-AUG-2004 20:11:10	Tw_i_and_stray	60.500	18	24Alp PsA	1.1660	9700.0	121	12865	No
355	GOM_NL__2PRFIN20040815_201650_000000462029_00286_12865_2525.N1	15-AUG-2004 20:16:50	Bright	46.000	142	49Del Cap	2.8500	8900.0	92	12865	No
356	GOM_NL__2PRFIN20040815_202019_000000432029_00286_12865_2526.N1	15-AUG-2004 20:20:19	Bright	43.000	154	22Bet Aqr	2.8990	5700.0	86	12865	No
357	GOM_NL__2PRFIN20040815_202221_000000502029_00286_12865_2527.N1	15-AUG-2004 20:22:21	Bright	50.000	162	34Alp Aqr	2.9440	5350.0	100	12865	No
358	GOM_NL__2PRFIN20040815_202444_000000382029_00286_12865_2528.N1	15-AUG-2004 20:24:44	Bright	38.000	11	53Alp Aql	0.76500	8000.0	76	12865	No
359	GOM_NL__2PRFIN20040815_202637_000000372029_00286_12865_2529.N1	15-AUG-2004 20:26:37	Bright	36.500	168	17Zet Aql	2.9860	11000.	73	12865	No
360	GOM_NL__2PRFIN20040815_203202_000000392029_00286_12865_2530.N1	15-AUG-2004 20:32:02	Bright	38.500	92	53Eps Cyg	2.5000	4500.0	77	12865	No
361	GOM_NL__2PRFIN20040815_203337_000000362029_00286_12865_2531.N1	15-AUG-2004 20:33:37	Bright	36.000	66	37Gam Cyg	2.2080	5900.0	72	12865	No
362	GOM_NL__2PRFIN20040815_203454_000000362029_00286_12865_2532.N1	15-AUG-2004 20:34:54	Bright	36.000	144	18Del Cyg	2.8600	11000.	72	12865	No
363	GOM_NL__2PRFIN20040815_203752_000000422029_00286_12865_2533.N1	15-AUG-2004 20:37:52	Bright	41.500	69	33Gam Dra	2.2310	3800.0	83	12865	No
364	GOM_NL__2PRFIN20040815_204035_000000412029_00286_12865_2534.N1	15-AUG-2004 20:40:35	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	12865	No
365	GOM_NL__2PRFIN20040815_204608_000000392029_00286_12865_2535.N1	15-AUG-2004 20:46:08	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	12865	No
366	GOM_NL__2PRFIN20040815_204737_000000372029_00286_12865_2536.N1	15-AUG-2004 20:47:37	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	12865	No
367	GOM_NL__2PRFIN20040815_205455_000000542029_00286_12865_2537.N1	15-AUG-2004 20:54:55	Bright	53.500	160	23Gam Per	2.9300	4700.0	107	12865	No
368	GOM_NL__2PRFIN20040815_205654_000000602029_00286_12865_2538.N1	15-AUG-2004 20:56:54	Bright	60.000	35	33Alp Per	1.7950	6250.0	120	12865	No
369	GOM_NL__2PRFIN20040815_210029_000000772029_00286_12865_2539.N1	15-AUG-2004 21:00:29	Bright	76.500	79	26Bet Per	2.3100	13100.	153	12865	No
370	GOM_NL__2PRFIN20040815_210305_000000392029_00286_12865_2540.N1	15-AUG-2004 21:03:05	Bright	39.000	107	37The Aur	2.6490	11000.	78	12865	No
371	GOM_NL__2PRFIN20040815_210612_000000512029_00286_12865_2541.N1	15-AUG-2004 21:06:12	Tw_i_and_stray	51.000	28	12Bet Tau	1.6500	15200.	102	12865	No
372	GOM_NL__2PRFIN20040815_210900_000000462029_00286_12865_2542.N1	15-AUG-2004 21:09:00	Tw_i_and_stray	46.000	44	24Gam Gem	1.9280	11000.	92	12865	No
373	GOM_NL__2PRFIN20040815_211203_000000782029_00286_12865_2543.N1	15-AUG-2004 21:12:03	Dark	78.000	13	87Alp Tau	0.86700	3800.0	156	12865	No
374	GOM_NL__2PRFIN20040815_211543_000000542029_00286_12865_2544.N1	15-AUG-2004 21:15:43	Dark	54.000	30	46Eps Ori	1.6940	30000.	108	12865	No
375	GOM_NL__2PRFIN20040815_211808_000000462029_00286_12865_2545.N1	15-AUG-2004 21:18:08	Dark	45.500	1	9Alp CMa	-1.4400	11000.	91	12865	No
376	GOM_NL__2PRFIN20040815_212022_000000452029_00286_12865_2546.N1	15-AUG-2004 21:20:22	Dark	45.000	37	25Del CMa	1.8300	5900.0	90	12865	No
377	GOM_NL__2PRFIN20040815_212312_000000452029_00286_12865_2547.N1	15-AUG-2004 21:23:12	Dark	45.000	117	Pi Pup	2.7060	3800.0	90	12865	No
378	GOM_NL__2PRFIN20040815_212803_000000522029_00286_12865_2548.N1	15-AUG-2004 21:28:03	Dark	52.000	2	Alp Car	-0.73600	7000.0	104	12865	No
379	GOM_NL__2PRFIN20040815_213425_000000532029_00287_12866_2520.N1	15-AUG-2004 21:34:25	Dark	53.000	157	The1Eri	2.9060	9300.0	106	12866	No
380	GOM_NL__2PRFIN20040815_213832_000000472029_00287_12866_2521.N1	15-AUG-2004 21:38:32	Dark	47.000	9	Alp Eri	0.45300	24000.	94	12866	No
381	GOM_NL__2PRFIN20040815_214415_000000562029_00287_12866_2522.N1	15-AUG-2004 21:44:15	Straylight	55.500	84	Alp Phe	2.3970	4500.0	111	12866	No
382	GOM_NL__2PRFIN20040815_214750_000000452029_00287_12866_2523.N1	15-AUG-2004 21:47:50	Straylight	44.500	31	Alp Gru	1.7340	15200.	89	12866	No
383	GOM_NL__2PRFIN20040815_215146_000000592029_00287_12866_2524.N1	15-AUG-2004 21:51:46	Tw_i_and_stray	59.000	18	24Alp PsA	1.1660	9700.0	118	12866	No
384	GOM_NL__2PRFIN20040815_215726_000000462029_00287_12866_2525.N1	15-AUG-2004 21:57:26	Bright	46.000	142	49Del Cap	2.8500	8900.0	92	12866	No
385	GOM_NL__2PRFIN20040815_220054_000000442029_00287_12866_2526.N1	15-AUG-2004 22:00:54	Bright	44.000	154	22Bet Aqr	2.8990	5700.0	88	12866	No
386	GOM_NL__2PRFIN20040815_220256_000000512029_00287_12866_2527.N1	15-AUG-2004 22:02:56	Bright	50.500	162	34Alp Aqr	2.9440	5350.0	101	12866	No
387	GOM_NL__2PRFIN20040815_220519_000000392029_00287_12866_2528.N1	15-AUG-2004 22:05:19	Bright	39.000	11	53Alp Aql	0.76500	8000.0	78	12866	No
388	GOM_NL__2PRFIN20040815_220713_000000382029_00287_12866_2529.N1	15-AUG-2004 22:07:13	Bright	38.000	168	17Zet Aql	2.9860	11000.	76	12866	No
389	GOM_NL__2PRFIN20040815_221237_000000382029_00287_12866_2530.N1	15-AUG-2004 22:12:37	Bright	38.000	92	53Eps Cyg	2.5000	4500.0	76	12866	No
390	GOM_NL__2PRFIN20040815_221413_000000362029_00287_12866_2531.N1	15-AUG-2004 22:14:13	Bright	35.500	66	37Gam Cyg	2.2080	5900.0	71	12866	No
391	GOM_NL__2PRFIN20040815_221530_000000372029_00287_12866_2532.N1	15-AUG-2004 22:15:30	Bright	36.500	144	18Del Cyg	2.8600	11000.	73	12866	No
392	GOM_NL__2PRFIN20040815_221828_000000402029_00287_12866_2533.N1	15-AUG-2004 22:18:28	Bright	40.000	69	33Gam Dra	2.2310	3800.0	80	12866	No
393	GOM_NL__2PRFIN20040815_222110_000000412029_00287_12866_2534.N1	15-AUG-2004 22:21:10	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	12866	No
394	GOM_NL__2PRFIN20040815_222645_000000362029_00287_12866_2535.N1	15-AUG-2004 22:26:45	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	12866	No
395	GOM_NL__2PRFIN20040815_222813_000000372029_00287_12866_2536.N1	15-AUG-2004 22:28:13	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	12866	No
396	GOM_NL__2PRFIN20040815_223531_000000552029_00287_12866_2537.N1	15-AUG-2004 22:35:31	Bright	54.500	160	23Gam Per	2.9300	4700.0	109	12866	No

397	GOM_NL__2PRFIN20040815_223730_000000592029_00287_12866_2538.N1	15-AUG-2004 22:37:30	Bright	59.000	35	33Alp Per	1.7950	6250.0	118	12866	No
398	GOM_NL__2PRFIN20040815_224104_000000792029_00287_12866_2539.N1	15-AUG-2004 22:41:04	Bright	79.000	79	26Bet Per	2.3100	13100.	158	12866	No
399	GOM_NL__2PRFIN20040815_224342_000000572029_00287_12866_2540.N1	15-AUG-2004 22:43:42	Bright	57.000	107	37The Aur	2.6490	11000.	114	12866	No
400	GOM_NL__2PRFIN20040815_224648_000000582029_00287_12866_2541.N1	15-AUG-2004 22:46:48	Twilight	57.500	28	12Bet Tau	1.6500	15200.	115	12866	No
401	GOM_NL__2PRFIN20040815_224936_000000462029_00287_12866_2542.N1	15-AUG-2004 22:49:36	Twilight	45.500	44	24Gam Gem	1.9280	11000.	91	12866	No
402	GOM_NL__2PRFIN20040815_225240_000000872029_00287_12866_2543.N1	15-AUG-2004 22:52:40	Dark	87.000	13	87Alp Tau	0.86700	3800.0	174	12866	No
403	GOM_NL__2PRFIN20040815_225619_000000522029_00287_12866_2544.N1	15-AUG-2004 22:56:19	Dark	52.000	30	46Eps Ori	1.6940	30000.	104	12866	No
404	GOM_NL__2PRFIN20040815_225844_000000492029_00287_12866_2545.N1	15-AUG-2004 22:58:44	Dark	49.000	1	9Alp CMa	-1.4400	11000.	98	12866	No
405	GOM_NL__2PRFIN20040815_230059_000000462029_00287_12866_2546.N1	15-AUG-2004 23:00:59	Dark	46.000	37	25Del CMa	1.8300	5900.0	92	12866	No
406	GOM_NL__2PRFIN20040815_230349_000000442029_00287_12866_2547.N1	15-AUG-2004 23:03:49	Dark	44.000	117	Pi Pup	2.7060	3800.0	88	12866	No
407	GOM_NL__2PRFIN20040815_230838_000000522029_00287_12866_2548.N1	15-AUG-2004 23:08:38	Dark	52.000	2	Alp Car	-0.73600	7000.0	104	12866	No
408	GOM_NL__2PRFIN20040815_231502_000000552029_00288_12867_2521.N1	15-AUG-2004 23:15:02	Dark	54.500	157	The1Eri	2.9060	9300.0	109	12867	No
409	GOM_NL__2PRFIN20040815_231908_000000482029_00288_12867_2522.N1	15-AUG-2004 23:19:08	Dark	47.500	9	Alp Eri	0.45300	24000.	95	12867	No
410	GOM_NL__2PRFIN20040815_232452_000000552029_00288_12867_2523.N1	15-AUG-2004 23:24:52	Straylight	54.500	84	Alp Phe	2.3970	4500.0	109	12867	No
411	GOM_NL__2PRFIN20040815_232826_000000432029_00288_12867_2524.N1	15-AUG-2004 23:28:26	Straylight	43.000	31	Alp Gru	1.7340	15200.	86	12867	No
412	GOM_NL__2PRFIN20040815_233222_000000592029_00288_12867_2525.N1	15-AUG-2004 23:32:22	Twilight	59.000	18	24Alp PsA	1.1660	9700.0	118	12867	No
413	GOM_NL__2PRFIN20040815_233801_000000482029_00288_12867_2526.N1	15-AUG-2004 23:38:01	Bright	47.500	142	49Del Cap	2.8500	8900.0	95	12867	No
414	GOM_NL__2PRFIN20040815_234130_000000442029_00288_12867_2527.N1	15-AUG-2004 23:41:30	Bright	44.000	154	22Bet Aqr	2.8990	5700.0	88	12867	No
415	GOM_NL__2PRFIN20040815_234332_000000502029_00288_12867_2528.N1	15-AUG-2004 23:43:32	Bright	50.000	162	34Alp Aqr	2.9440	5350.0	100	12867	No
416	GOM_NL__2PRFIN20040815_234555_000000382029_00288_12867_2529.N1	15-AUG-2004 23:45:55	Bright	38.000	11	53Alp Aql	0.76500	8000.0	76	12867	No
417	GOM_NL__2PRFIN20040815_234748_000000372029_00288_12867_2530.N1	15-AUG-2004 23:47:48	Bright	37.000	168	17Zet Aql	2.9860	11000.	74	12867	No
418	GOM_NL__2PRFIN20040815_235313_000000402029_00288_12867_2531.N1	15-AUG-2004 23:53:13	Bright	39.500	92	53Eps Cyg	2.5000	4500.0	79	12867	No
419	GOM_NL__2PRFIN20040815_235447_000000402029_00288_12867_2532.N1	15-AUG-2004 23:54:47	Bright	39.500	66	37Gam Cyg	2.2080	5900.0	79	12867	No
420	GOM_NL__2PRFIN20040815_235605_000000372029_00288_12867_2533.N1	15-AUG-2004 23:56:05	Bright	37.000	144	18Del Cyg	2.8600	11000.	74	12867	No
421	GOM_NL__2PRFIN20040815_235903_000000422029_00288_12867_2534.N1	15-AUG-2004 23:59:03	Bright	41.500	69	33Gam Dra	2.2310	3800.0	83	12867	No

3. Quality information per product

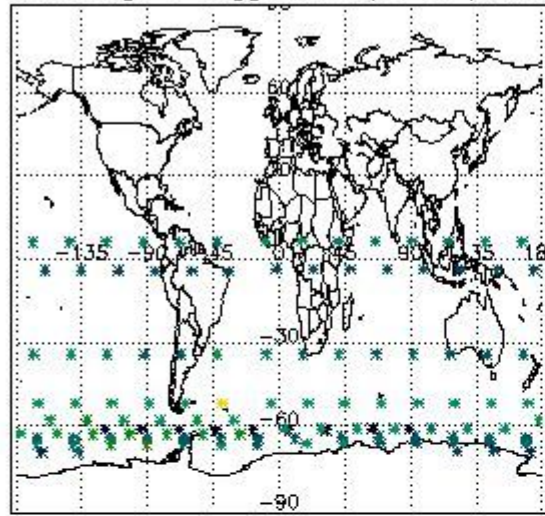
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

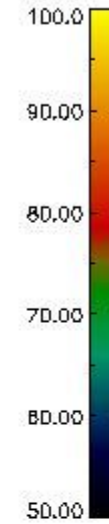
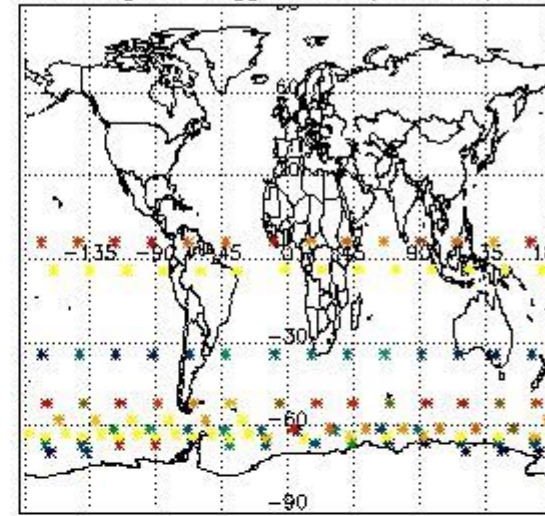


3.2 Plot quality information per product (world map)

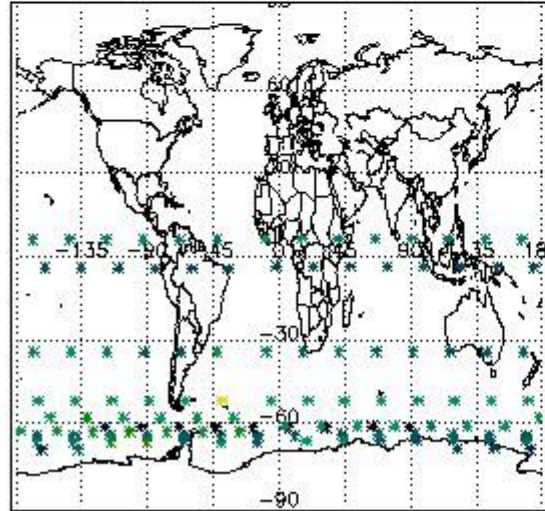
Percentage of flagged data per O3 profile



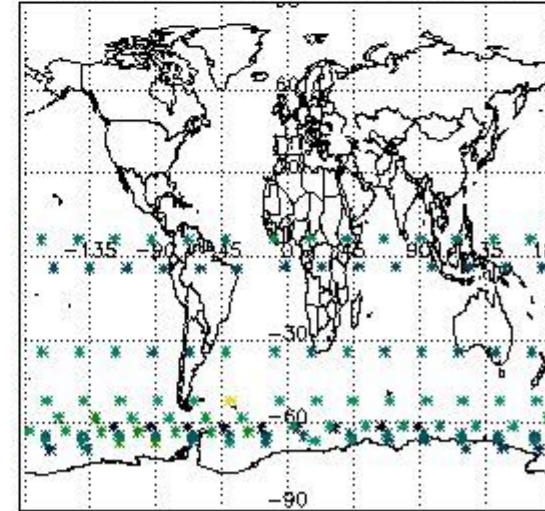
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

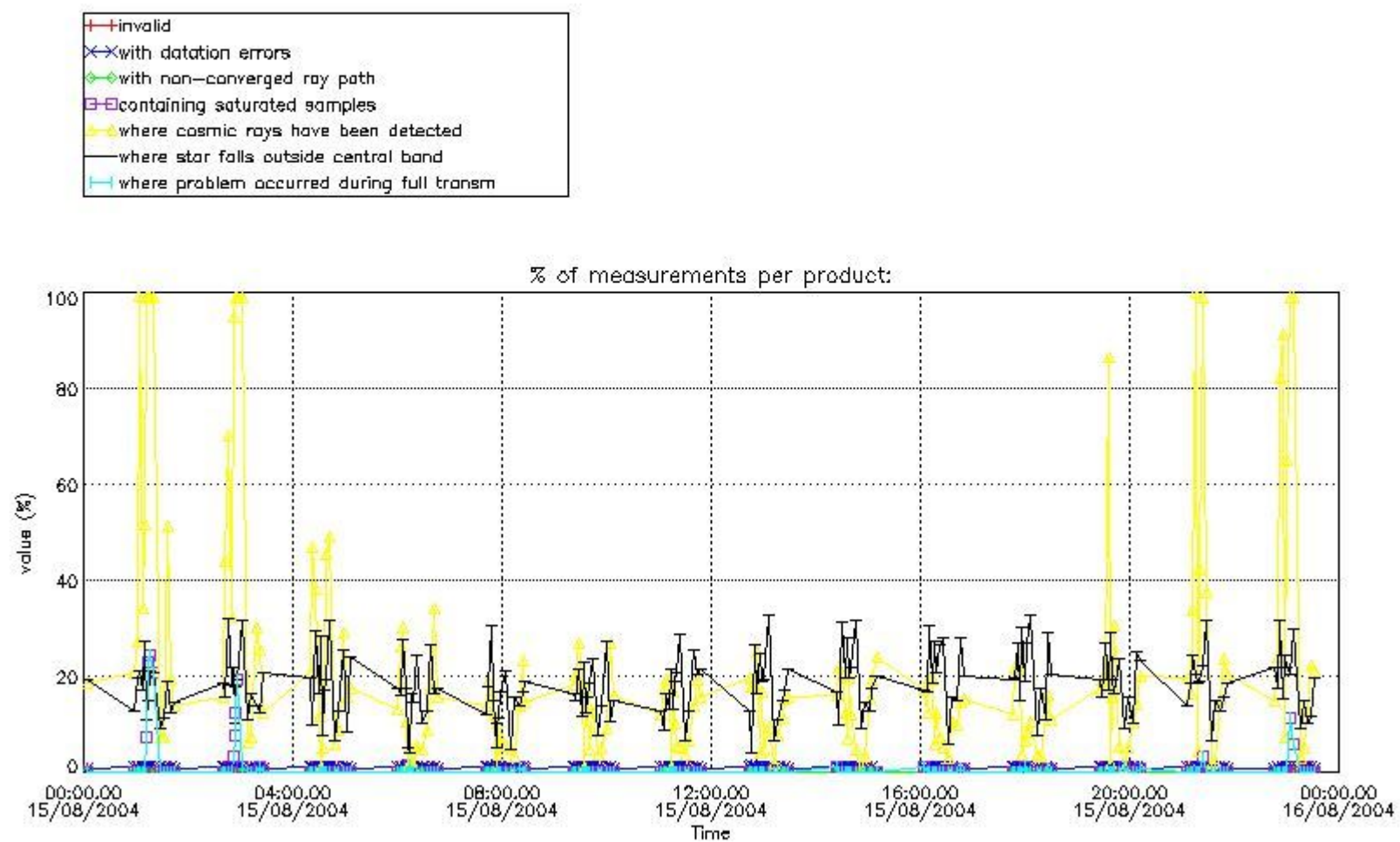


4. Level 1 quality information per product

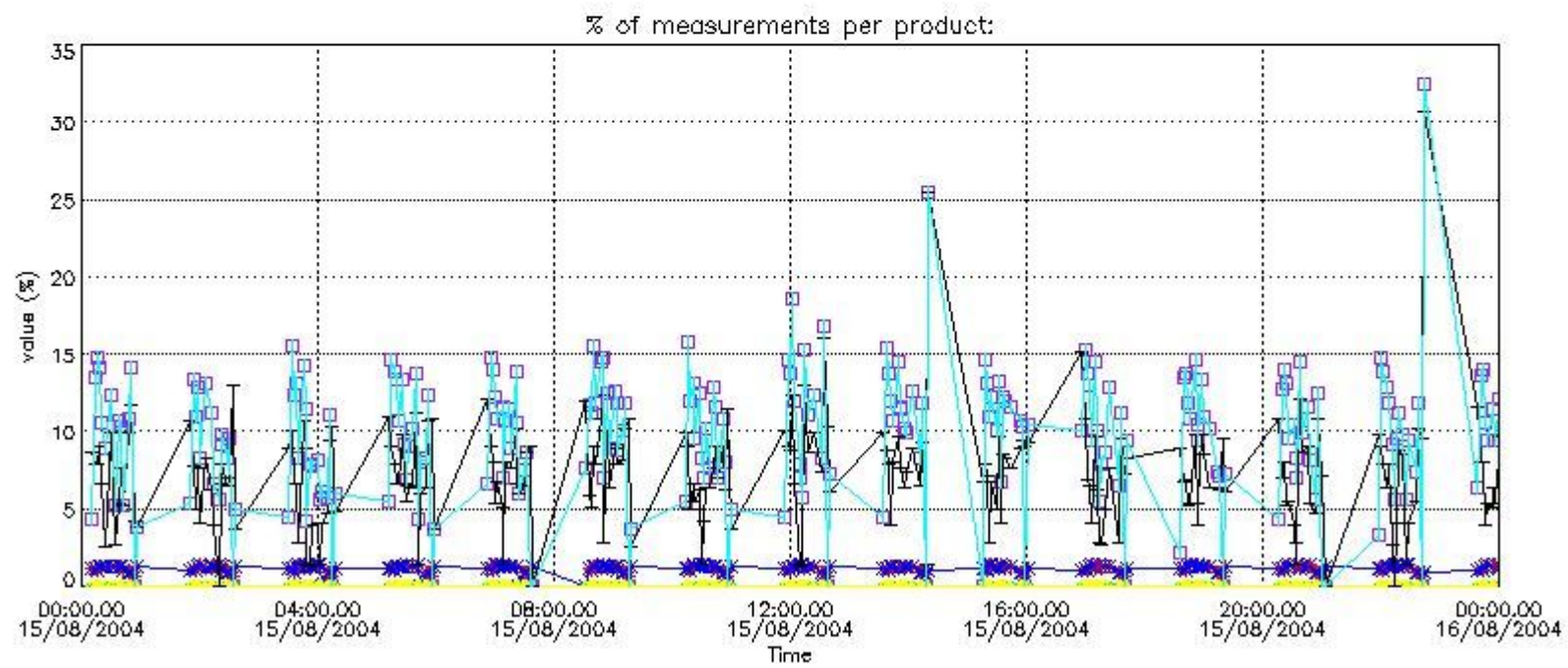
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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

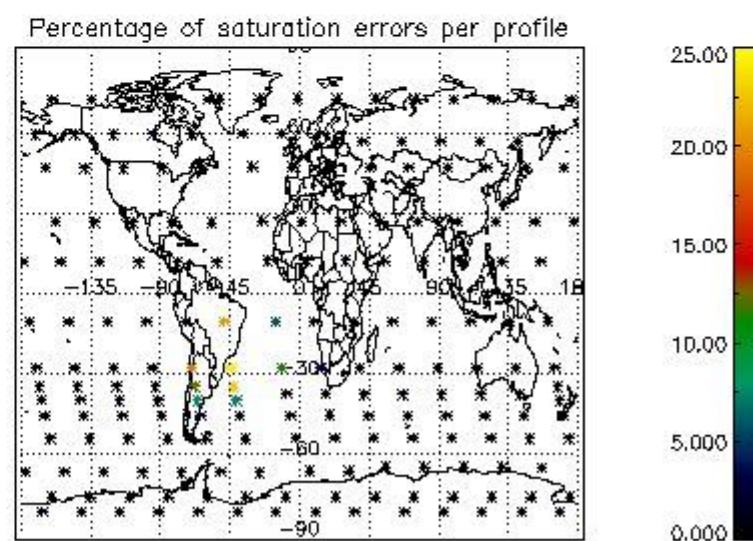
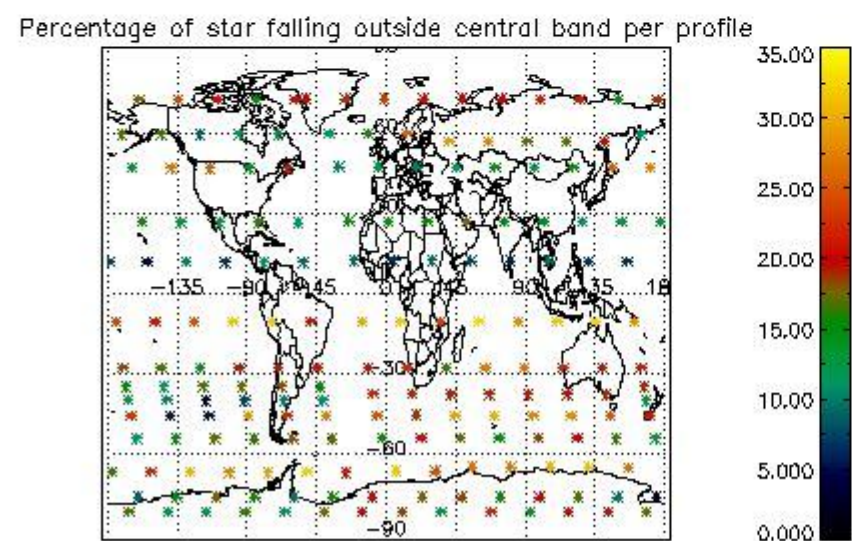
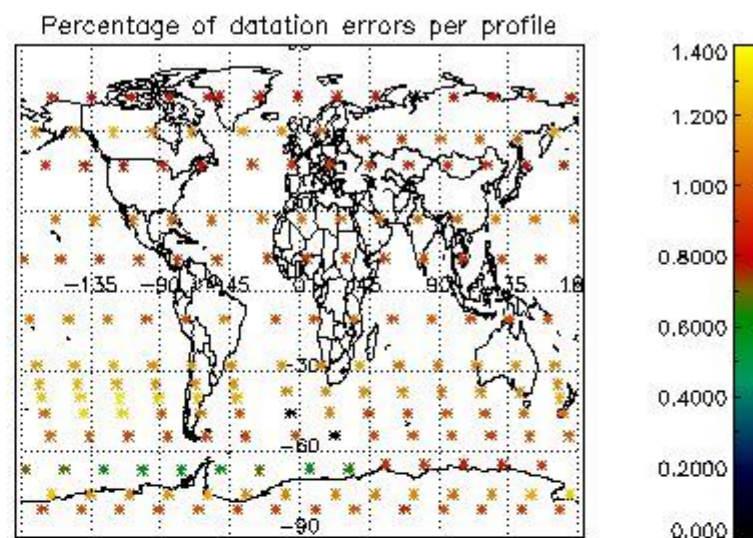
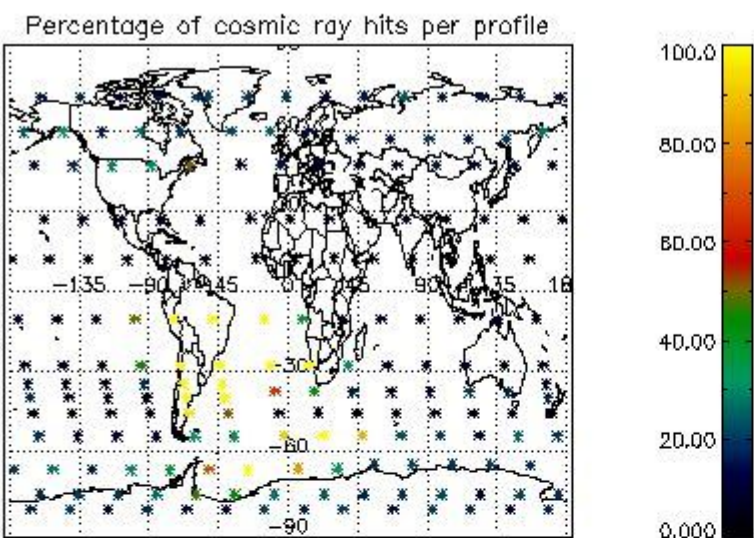


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

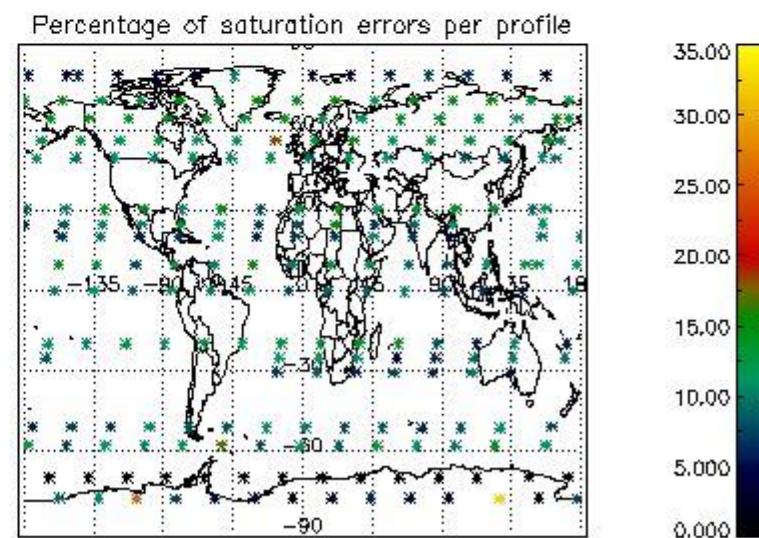
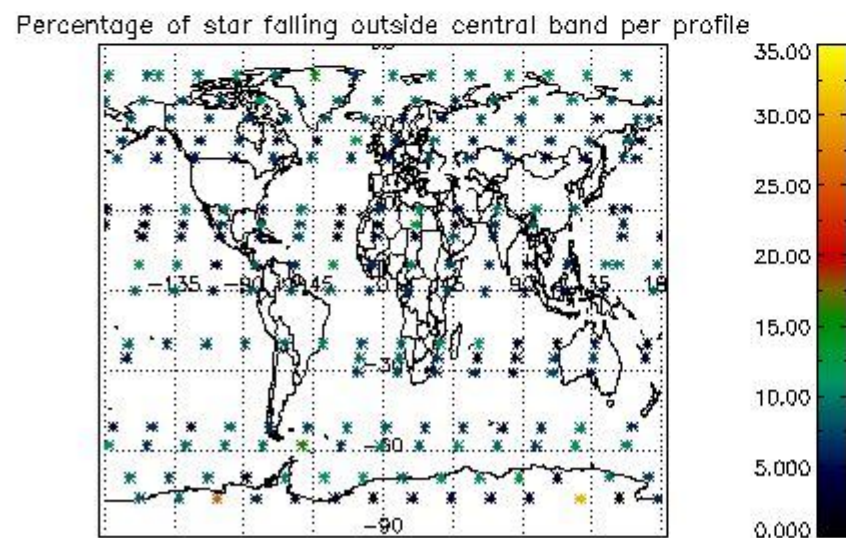
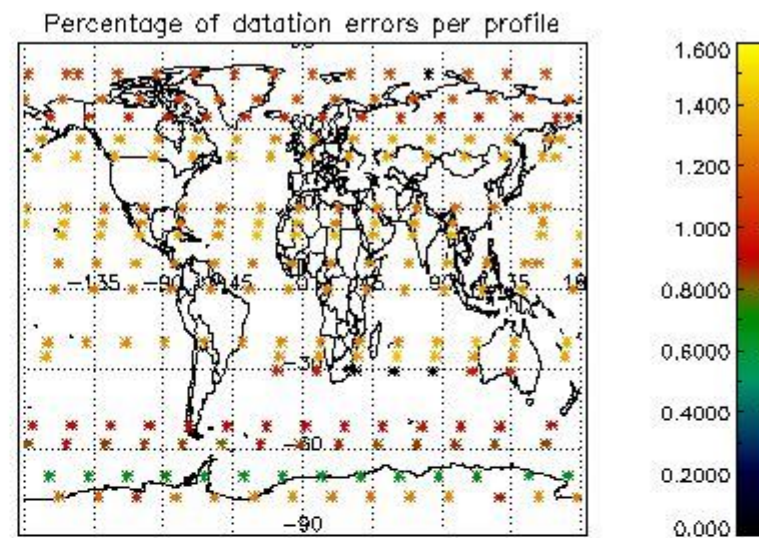
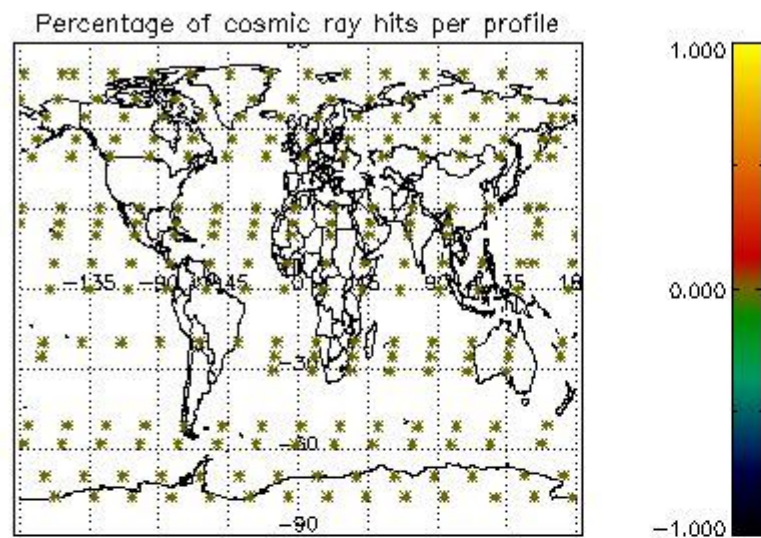


4.2 Plot quality information per product coming from level 1b processing (world map)

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



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



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

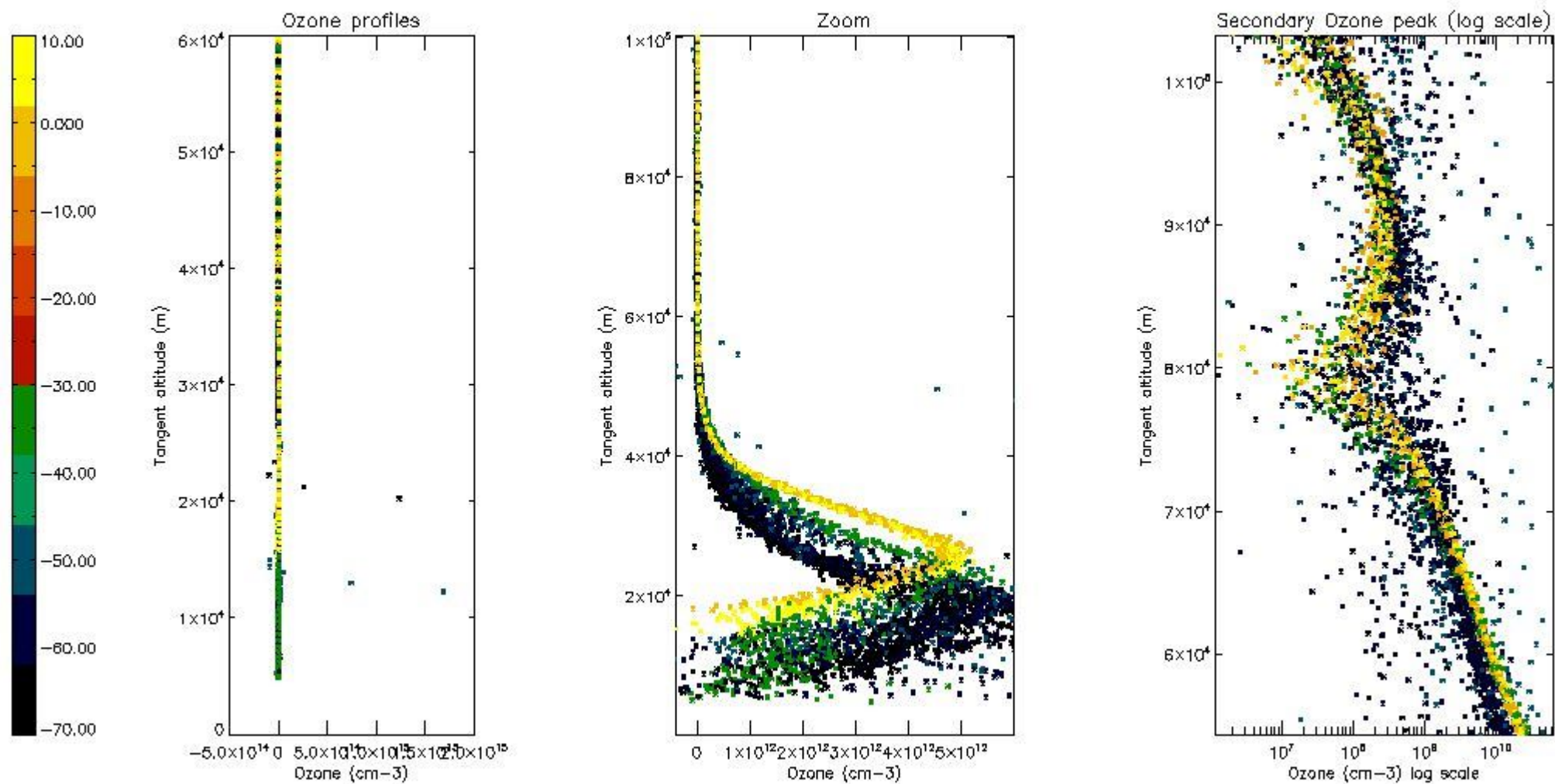
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	31
STD < 20	18

STD < 10	15
STD < 5	11

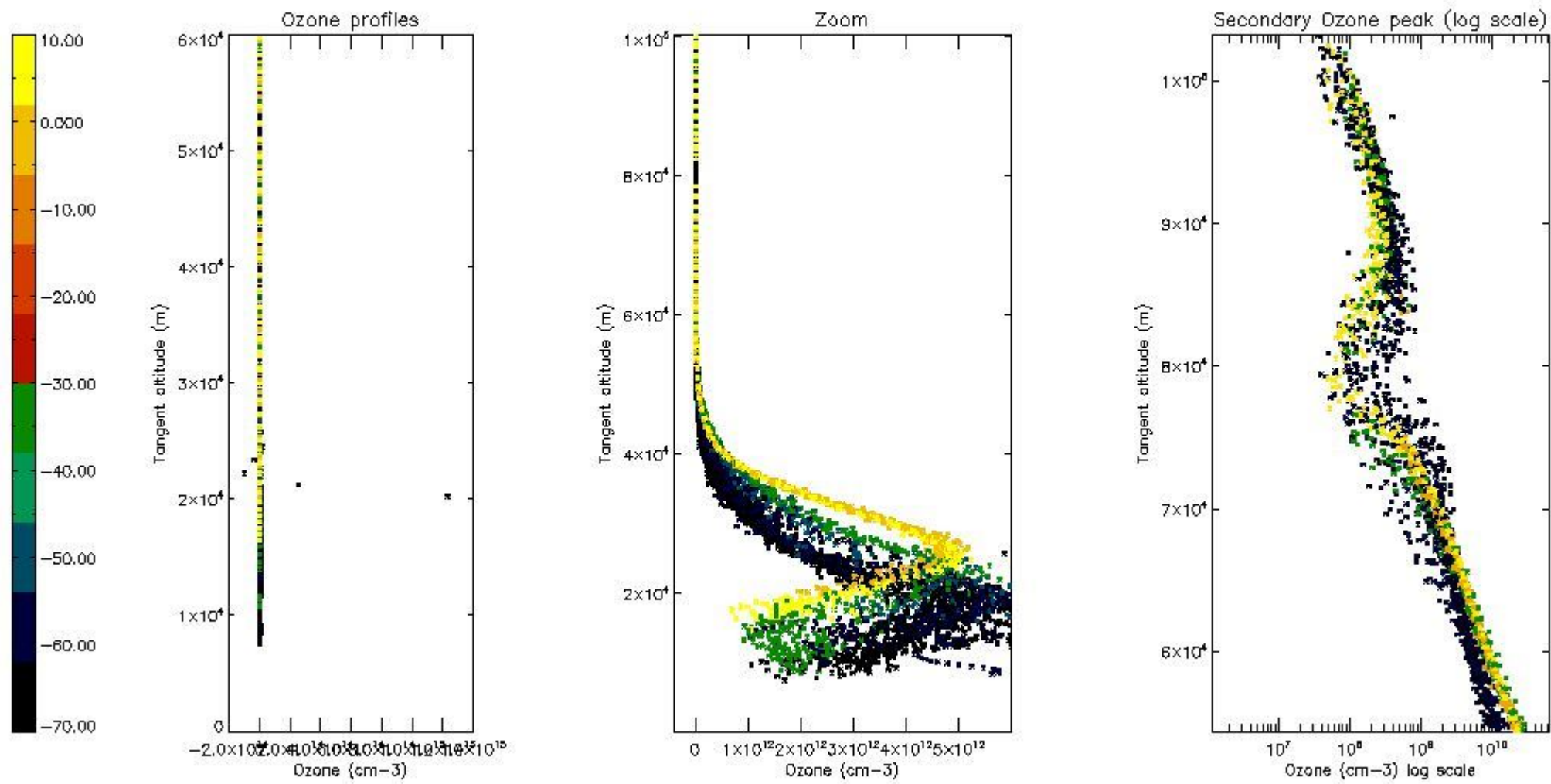
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



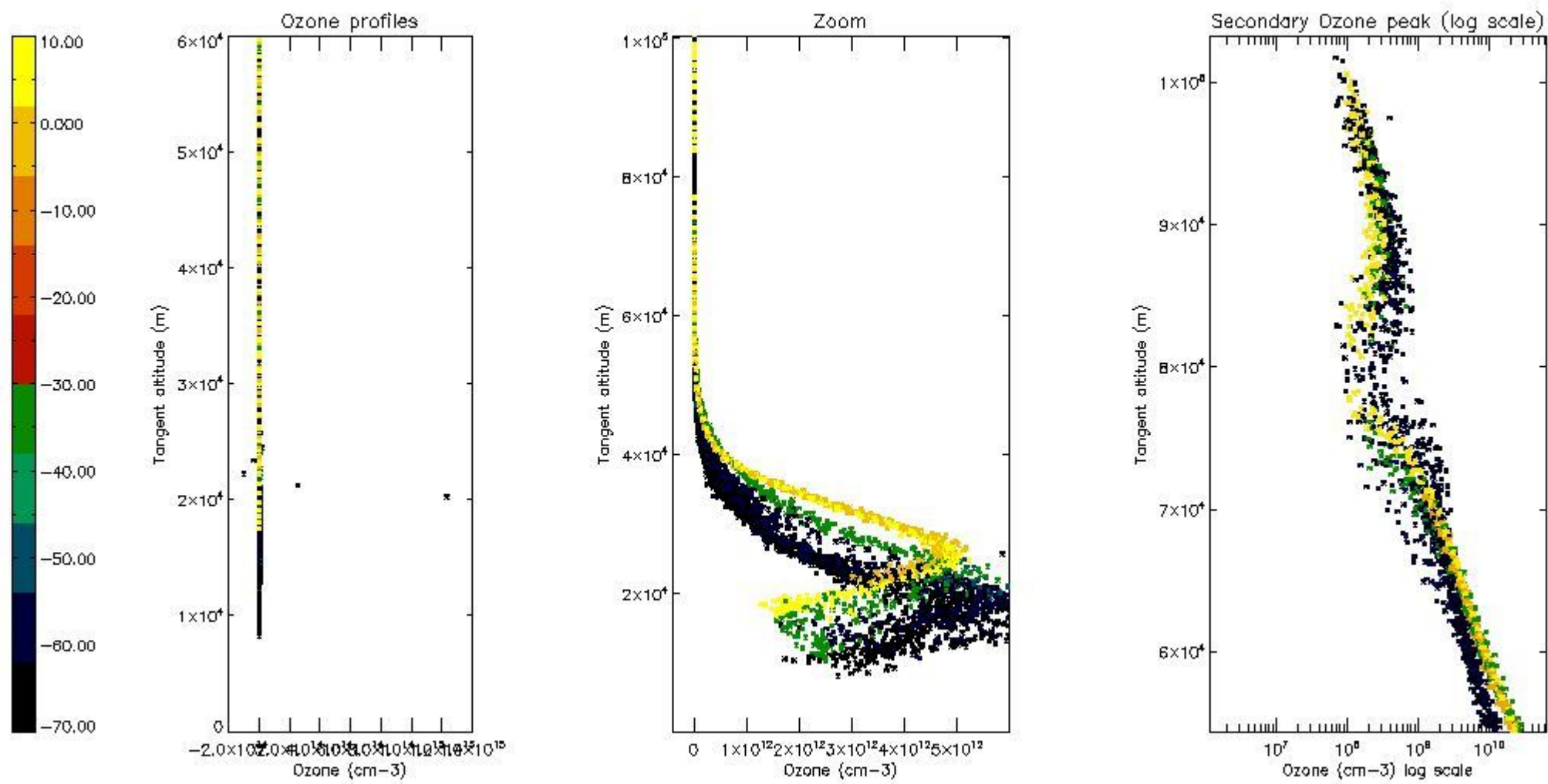
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



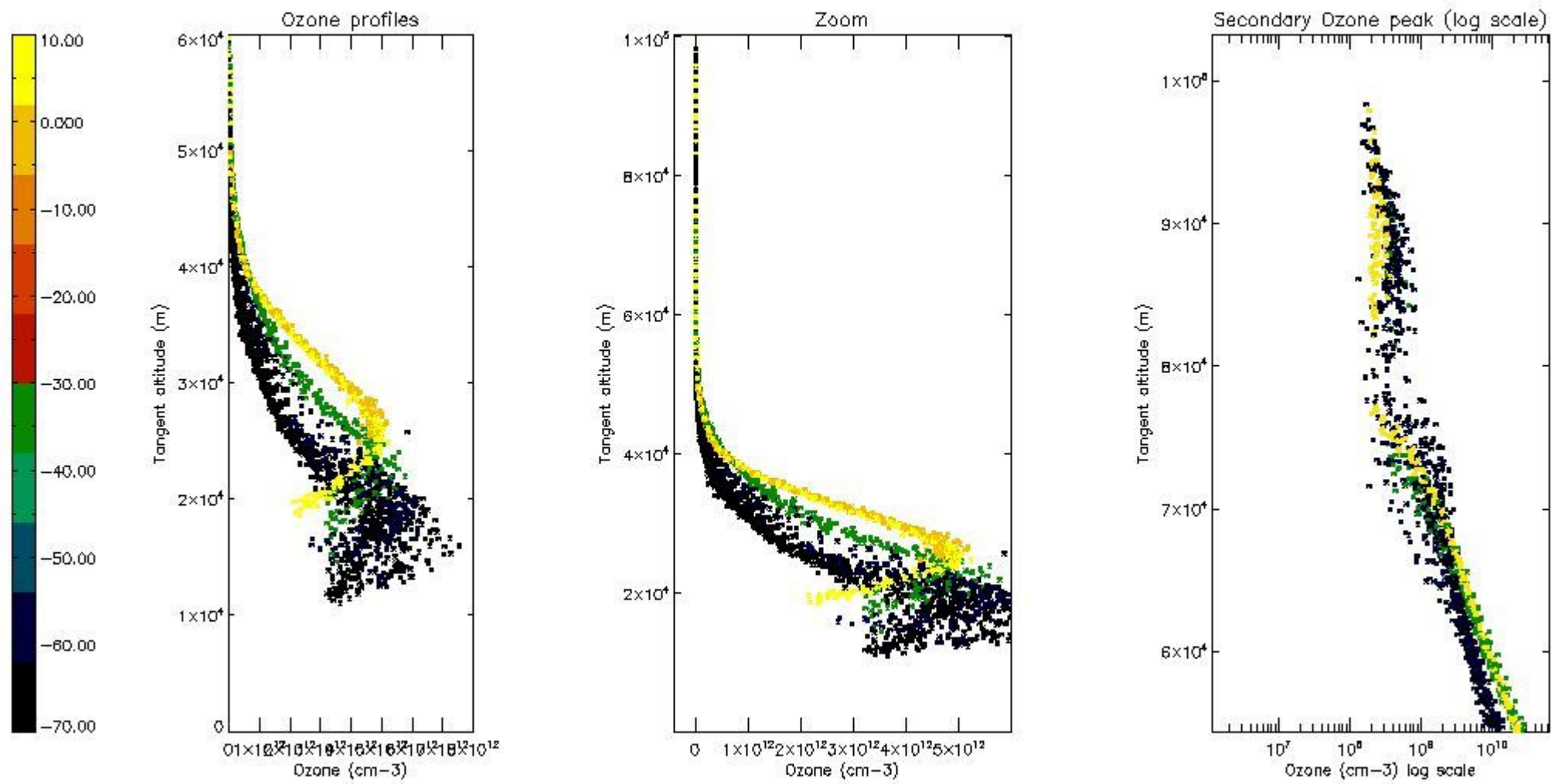
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



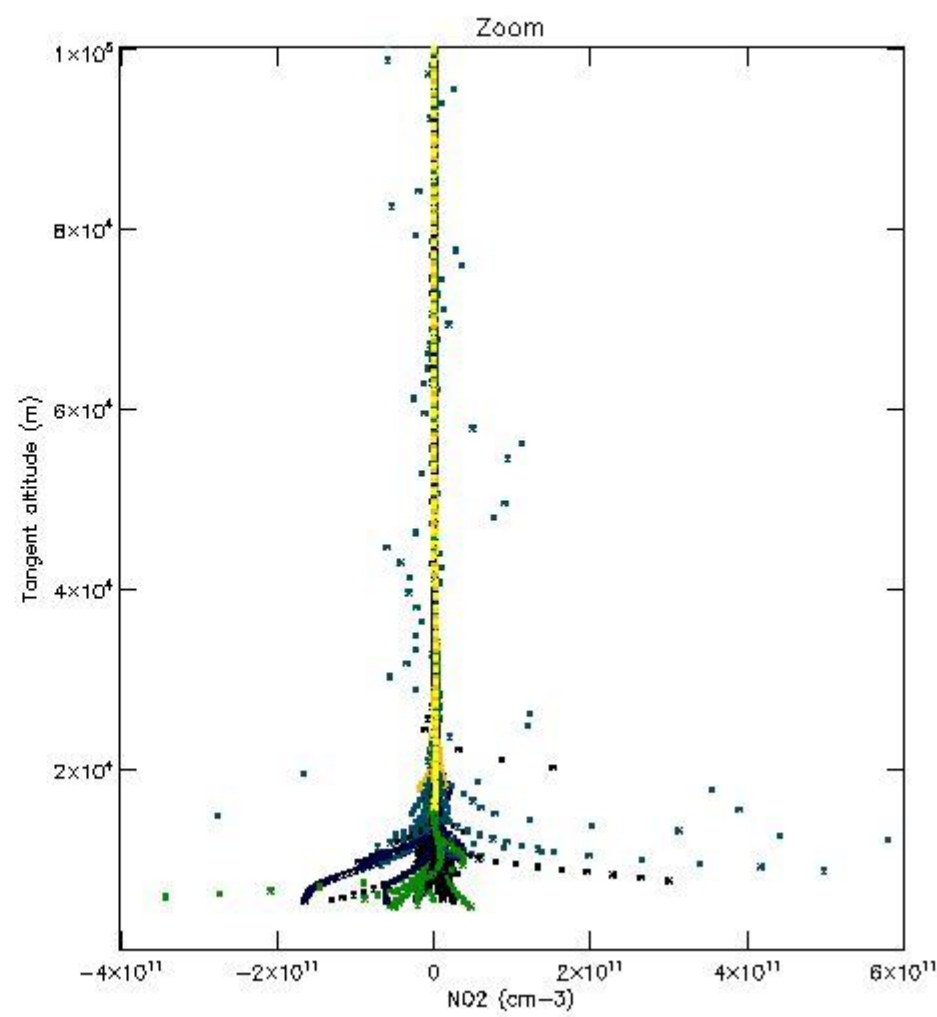
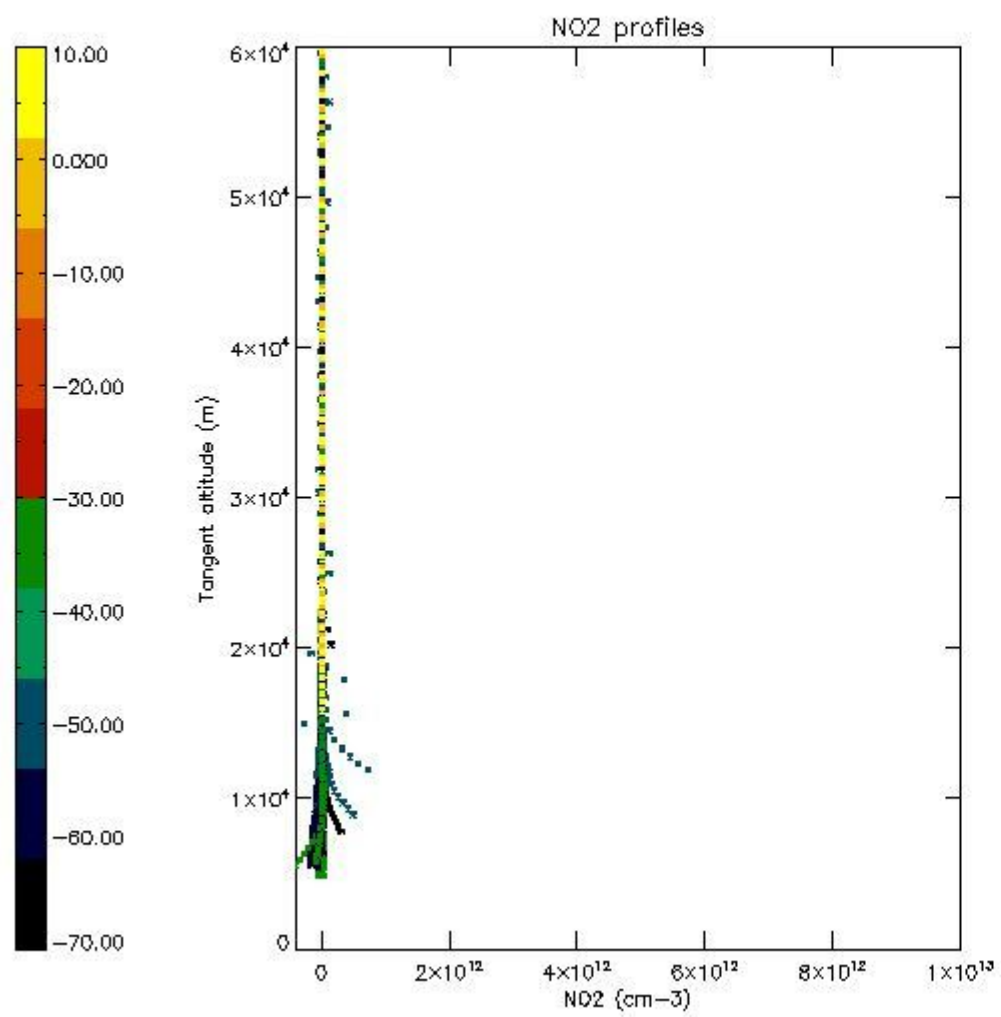
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



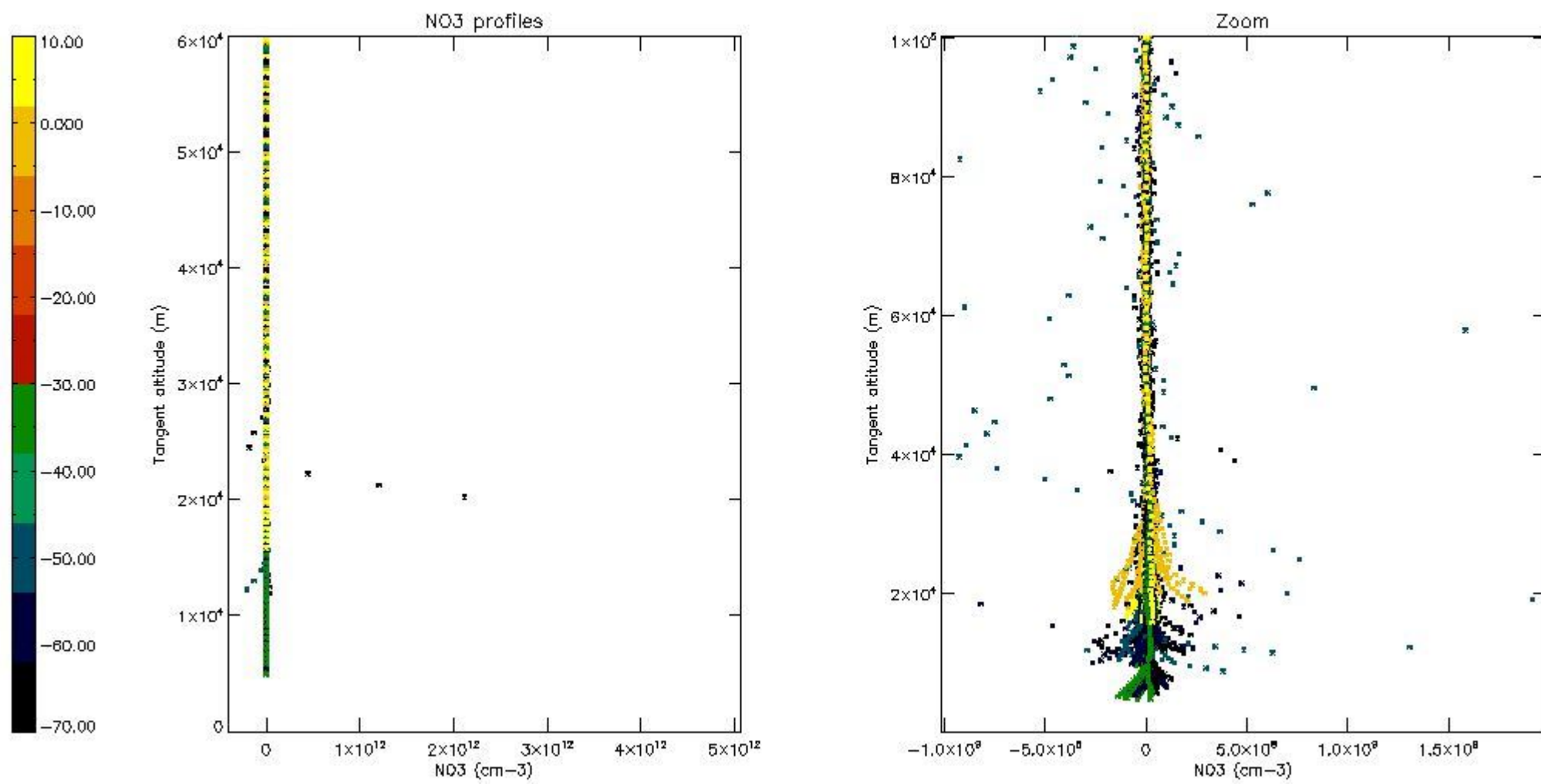
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



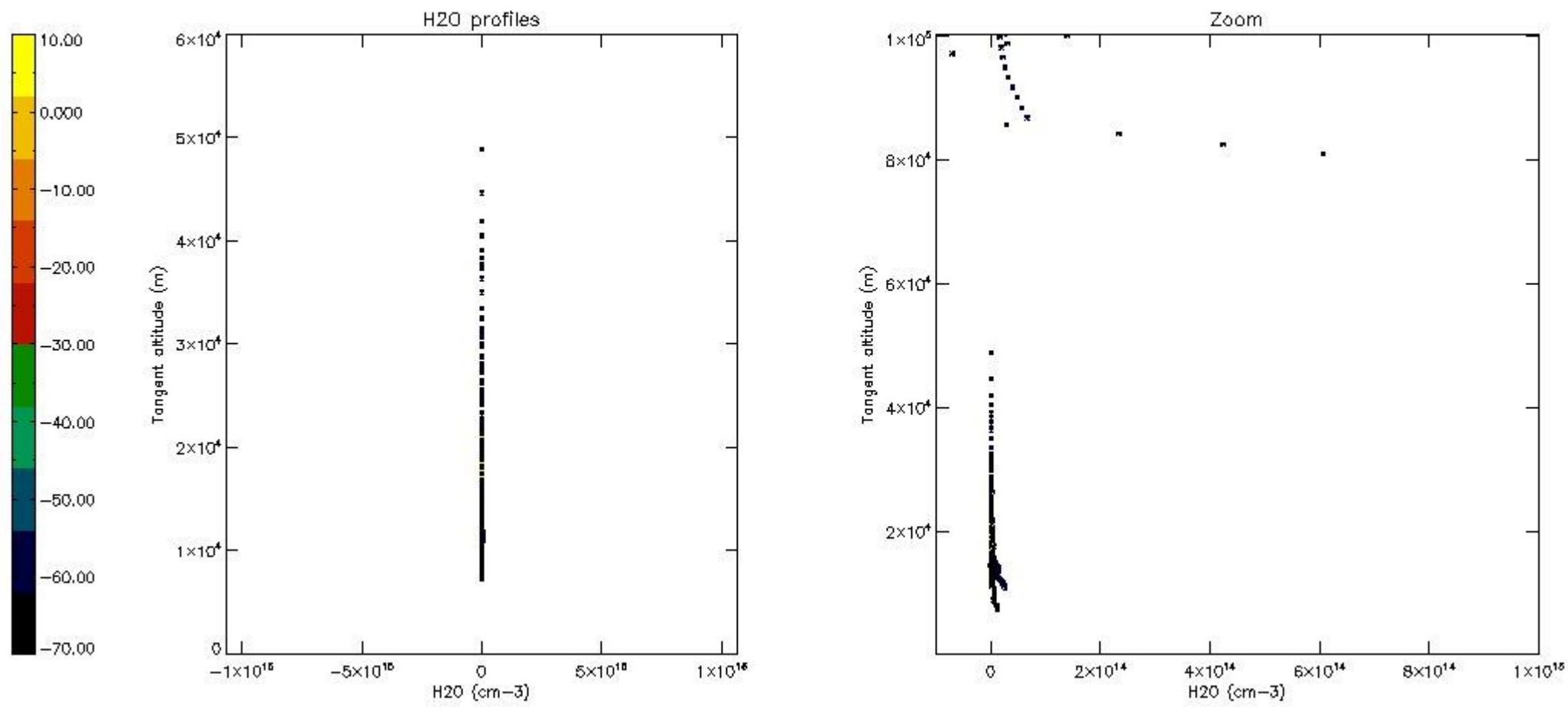
5.7 Plot NO3 profiles for all STD (dark without errors)

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)

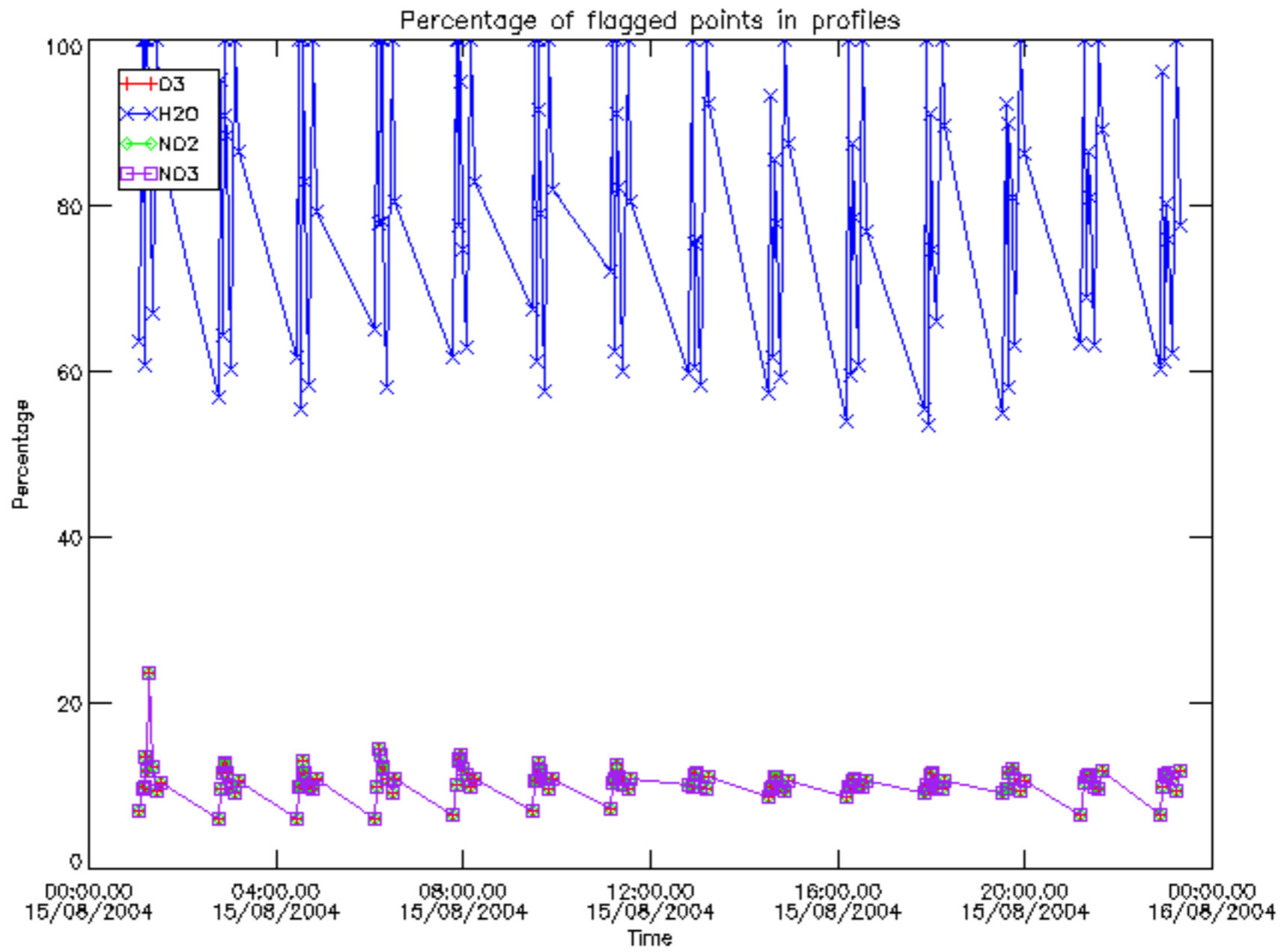
The colorbar represents the latitude.



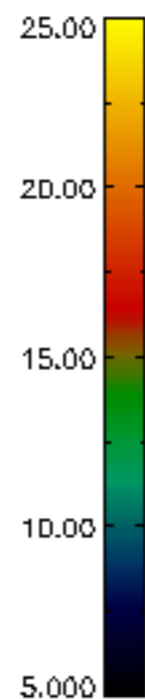
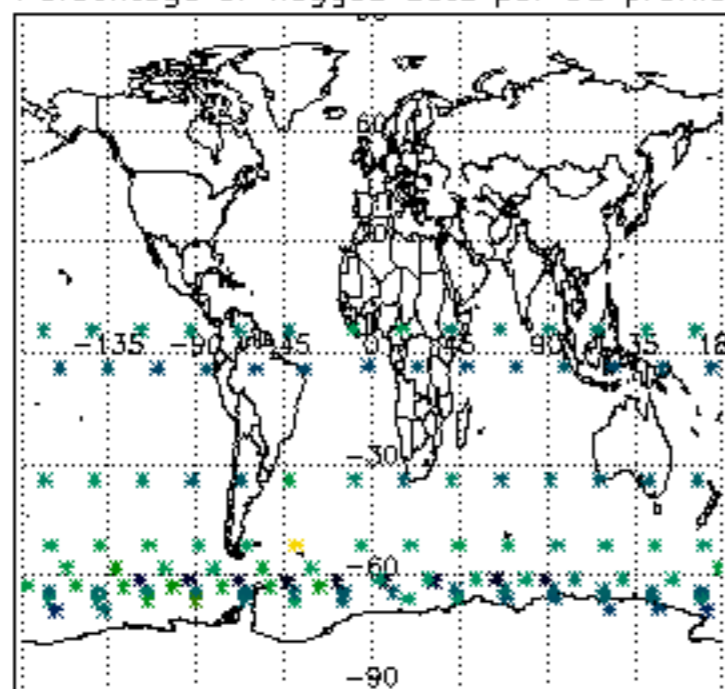
6. Auxiliary Data Files used for the production reported in section 2

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.

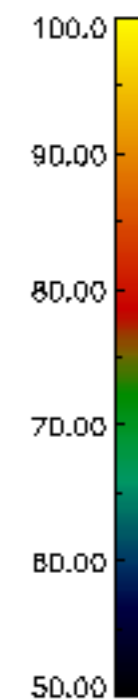
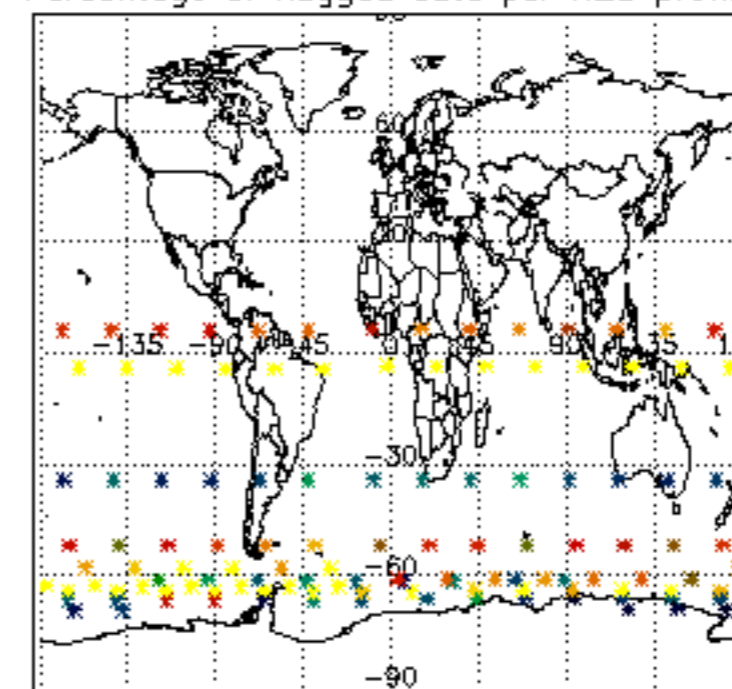
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	15-AUG-2004 00:03:53
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	15-AUG-2004 00:03:53
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	15-AUG-2004 00:03:53



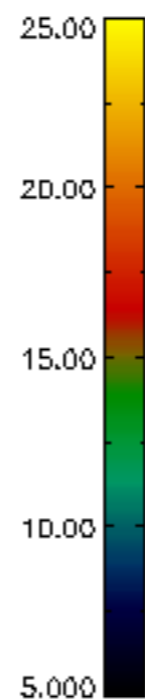
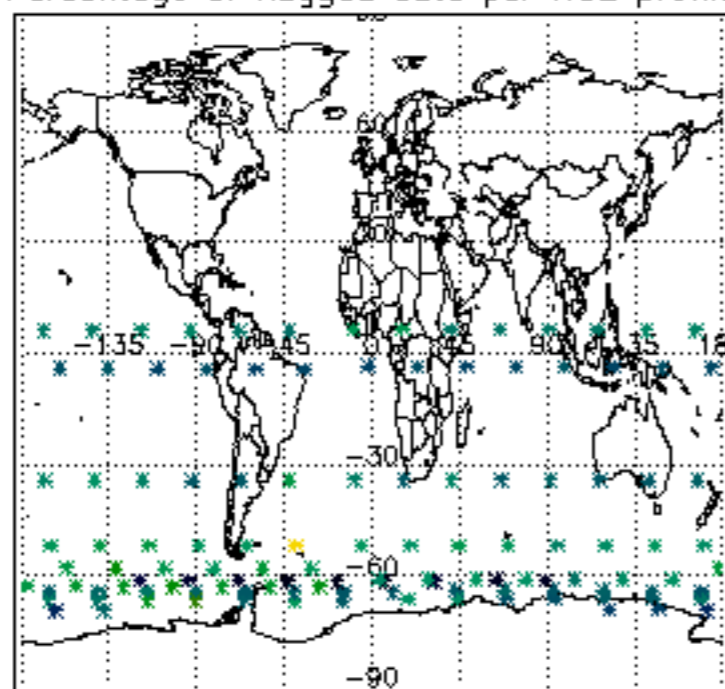
Percentage of flagged data per D3 profile



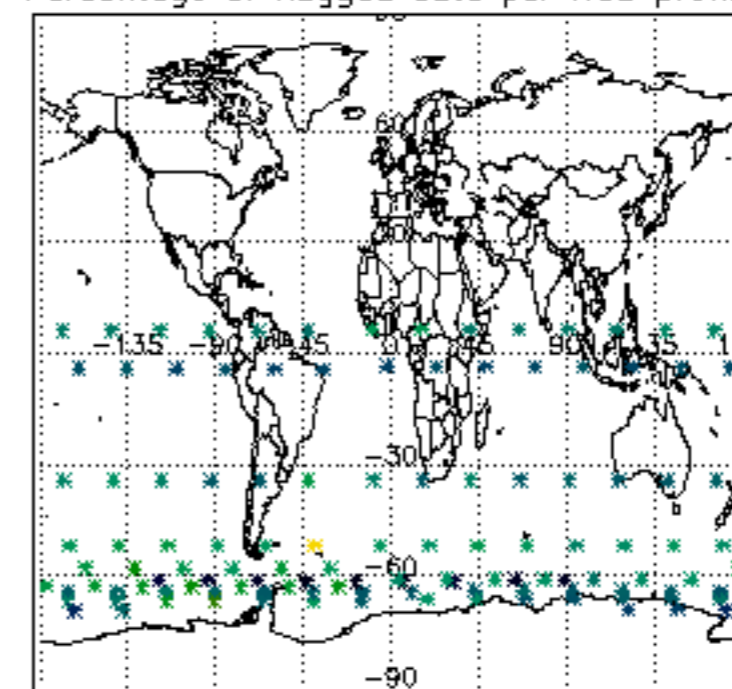
Percentage of flagged data per H2O profile

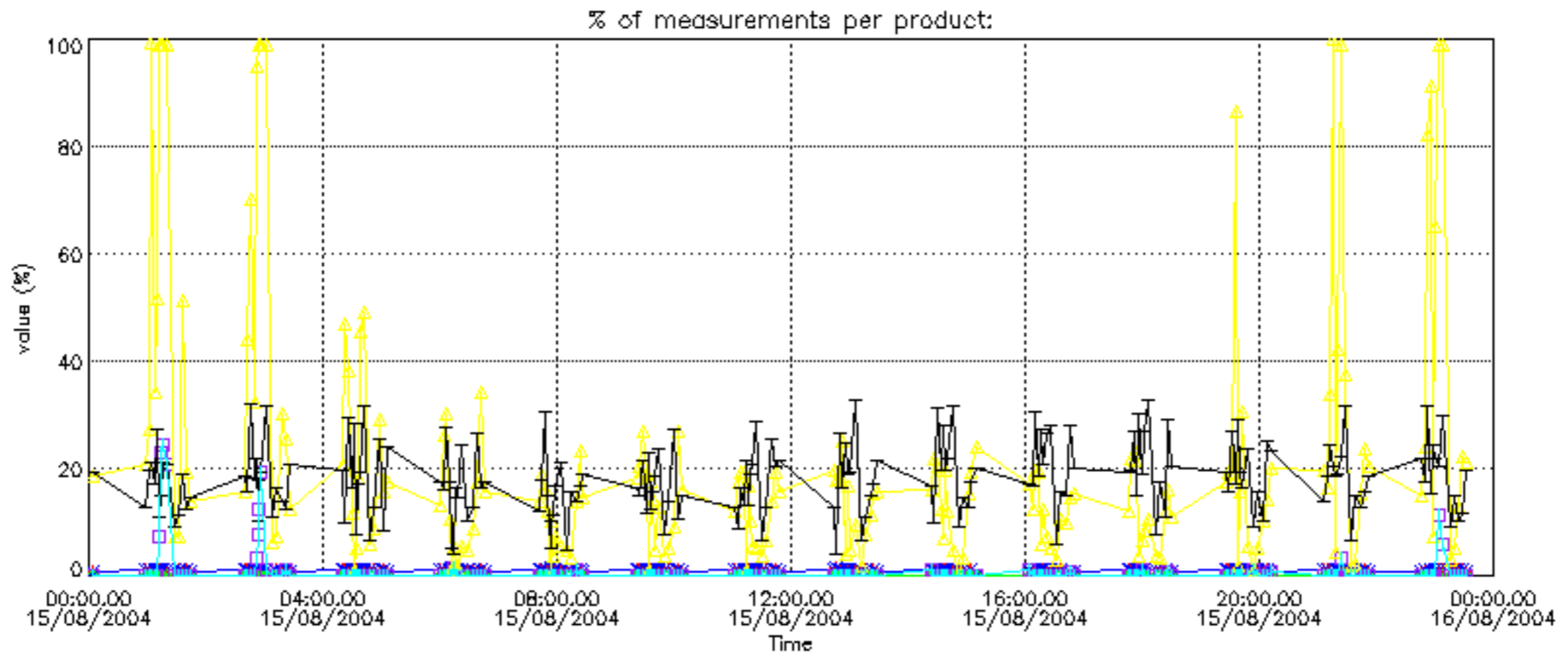


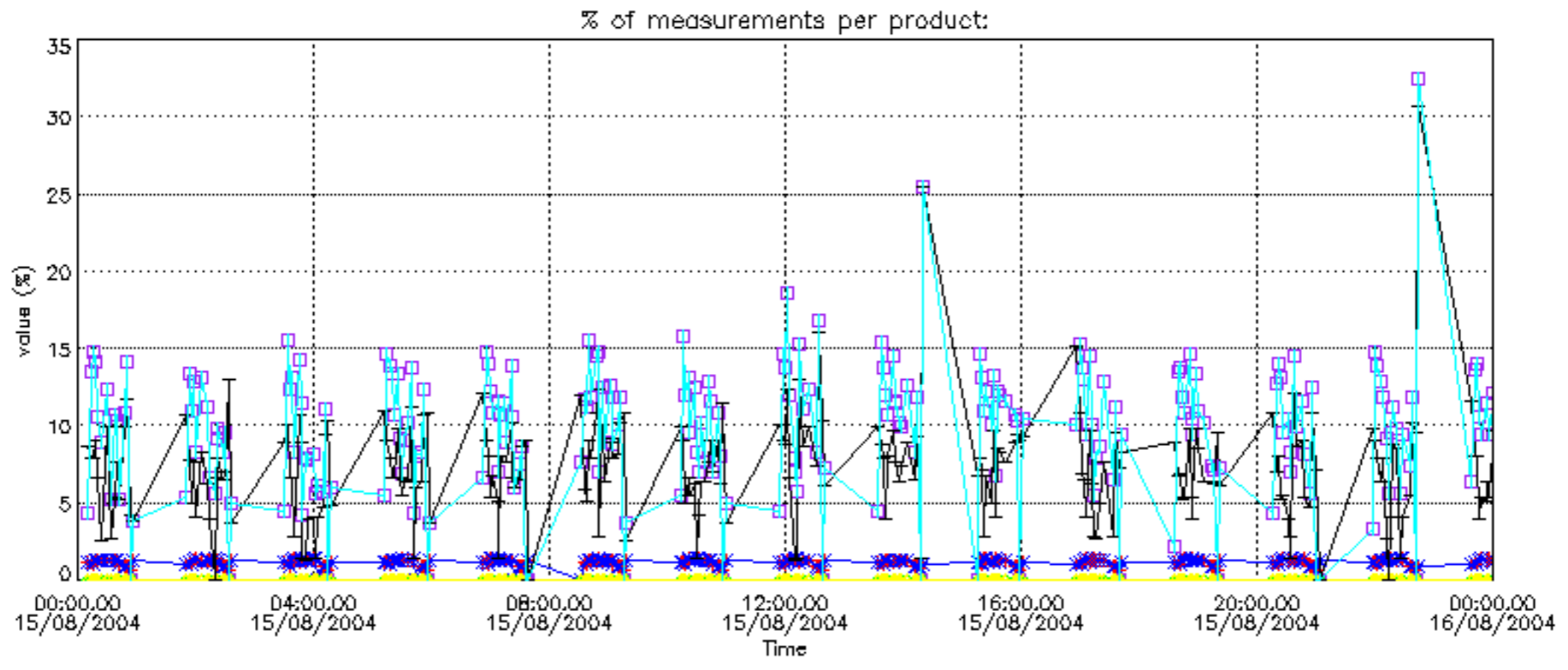
Percentage of flagged data per NO2 profile



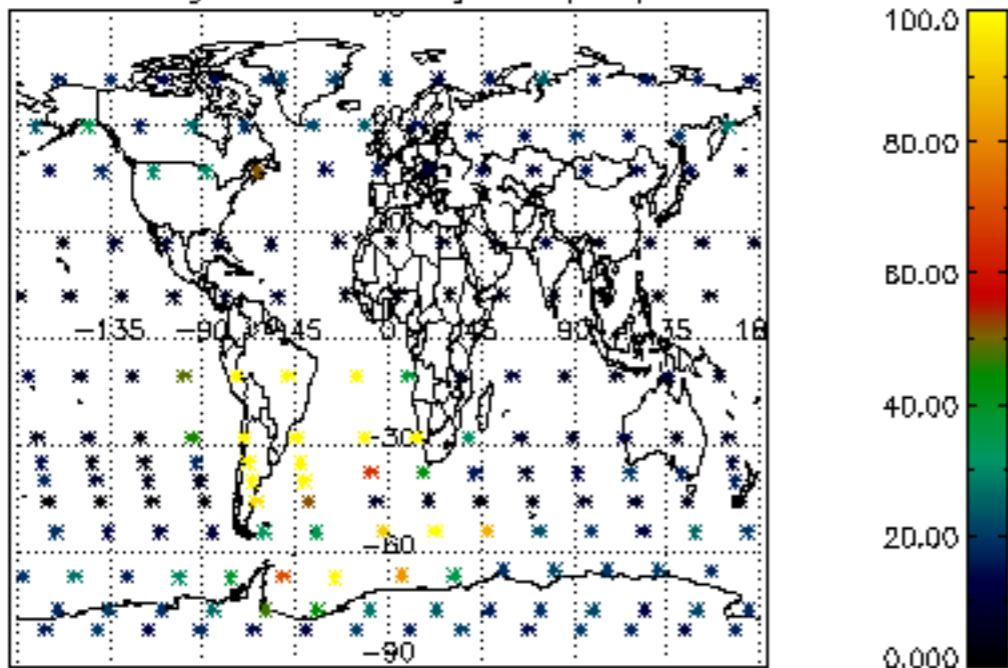
Percentage of flagged data per NO3 profile



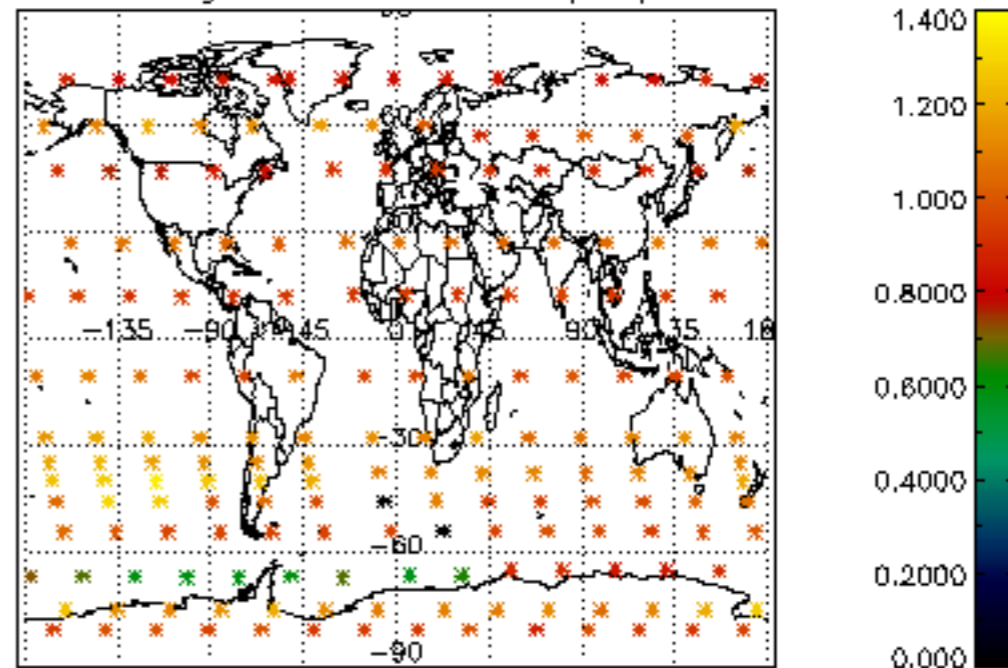




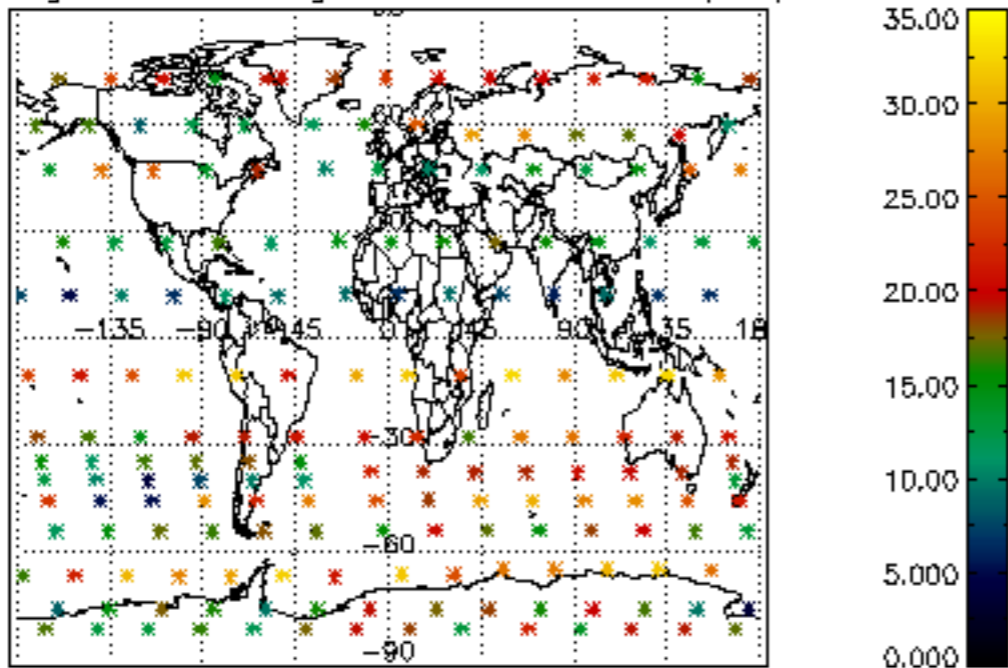
Percentage of cosmic ray hits per profile



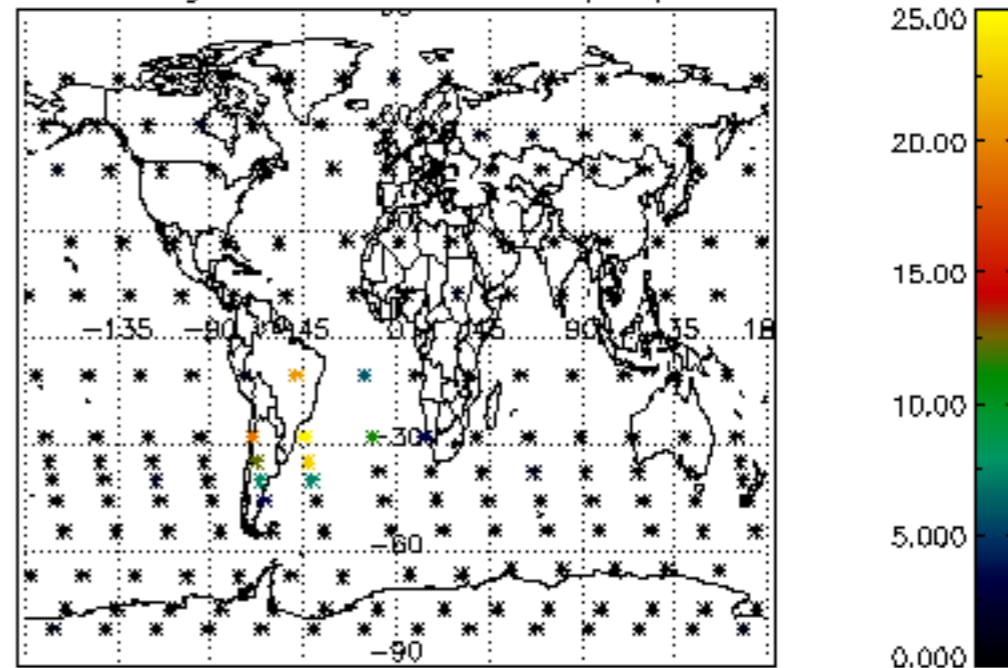
Percentage of datation errors per profile



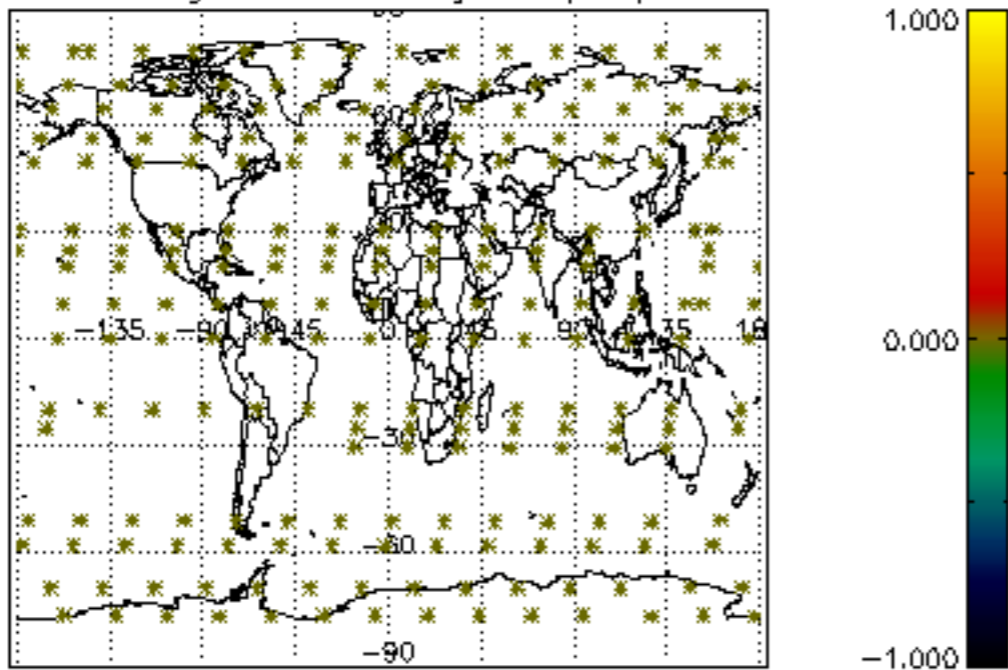
Percentage of star falling outside central band per profile



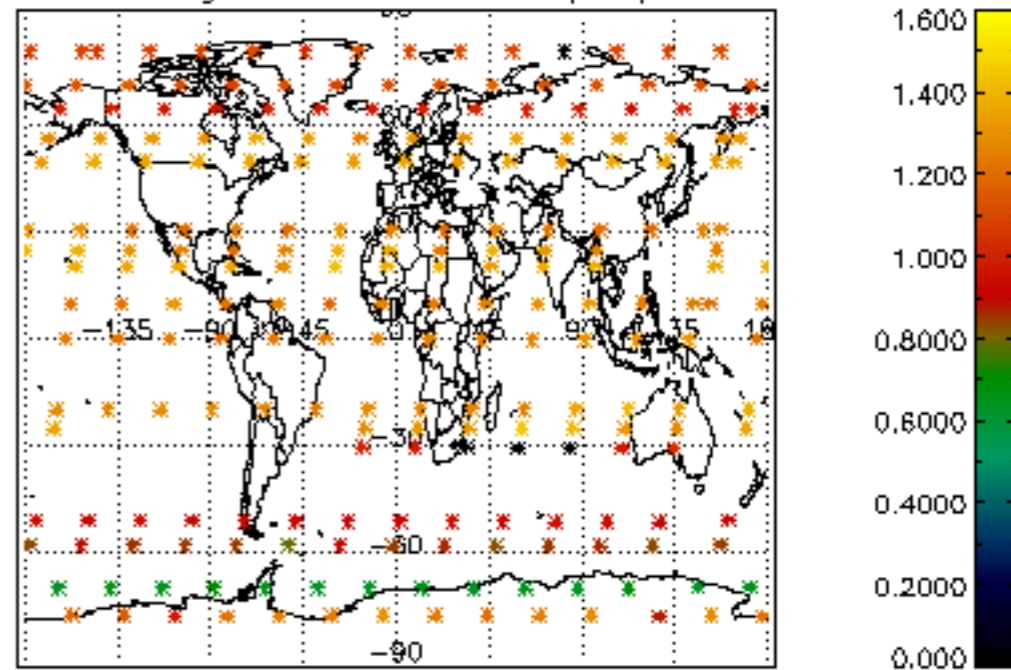
Percentage of saturation errors per profile



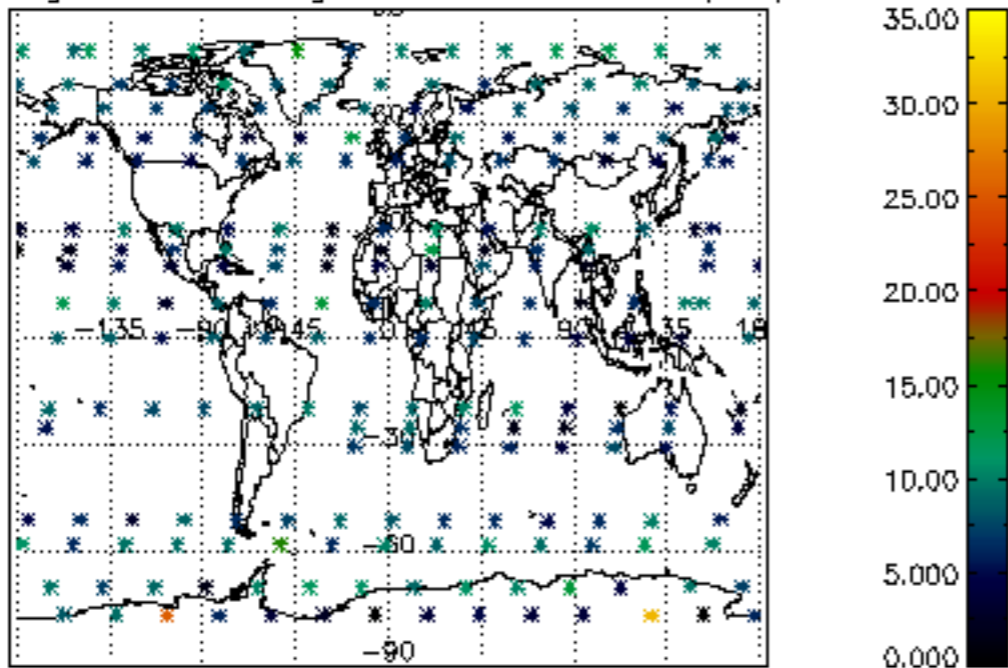
Percentage of cosmic ray hits per profile



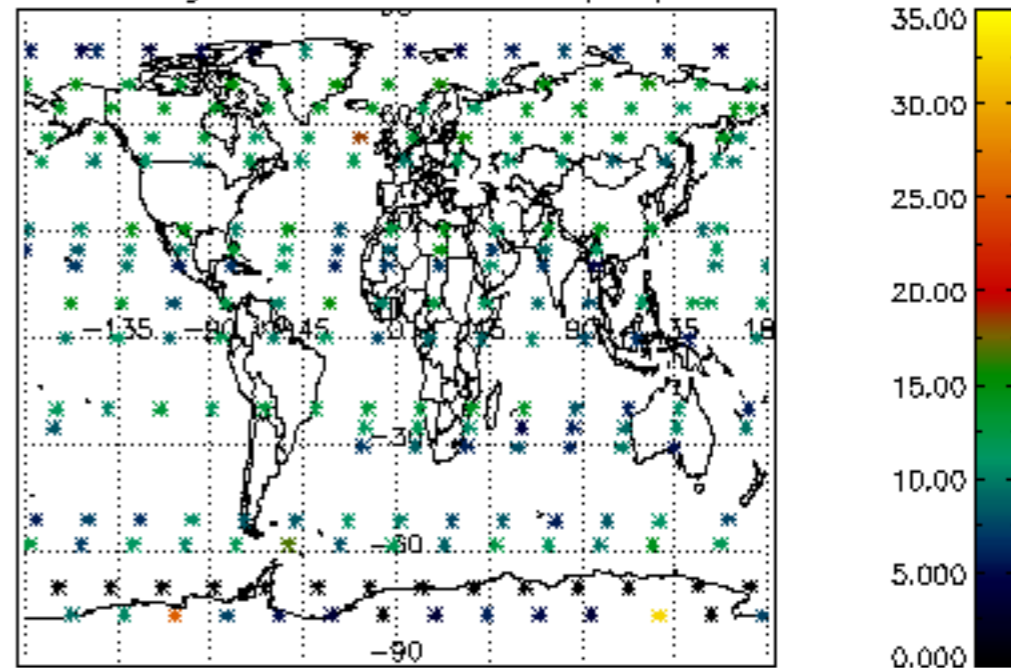
Percentage of datation errors per profile

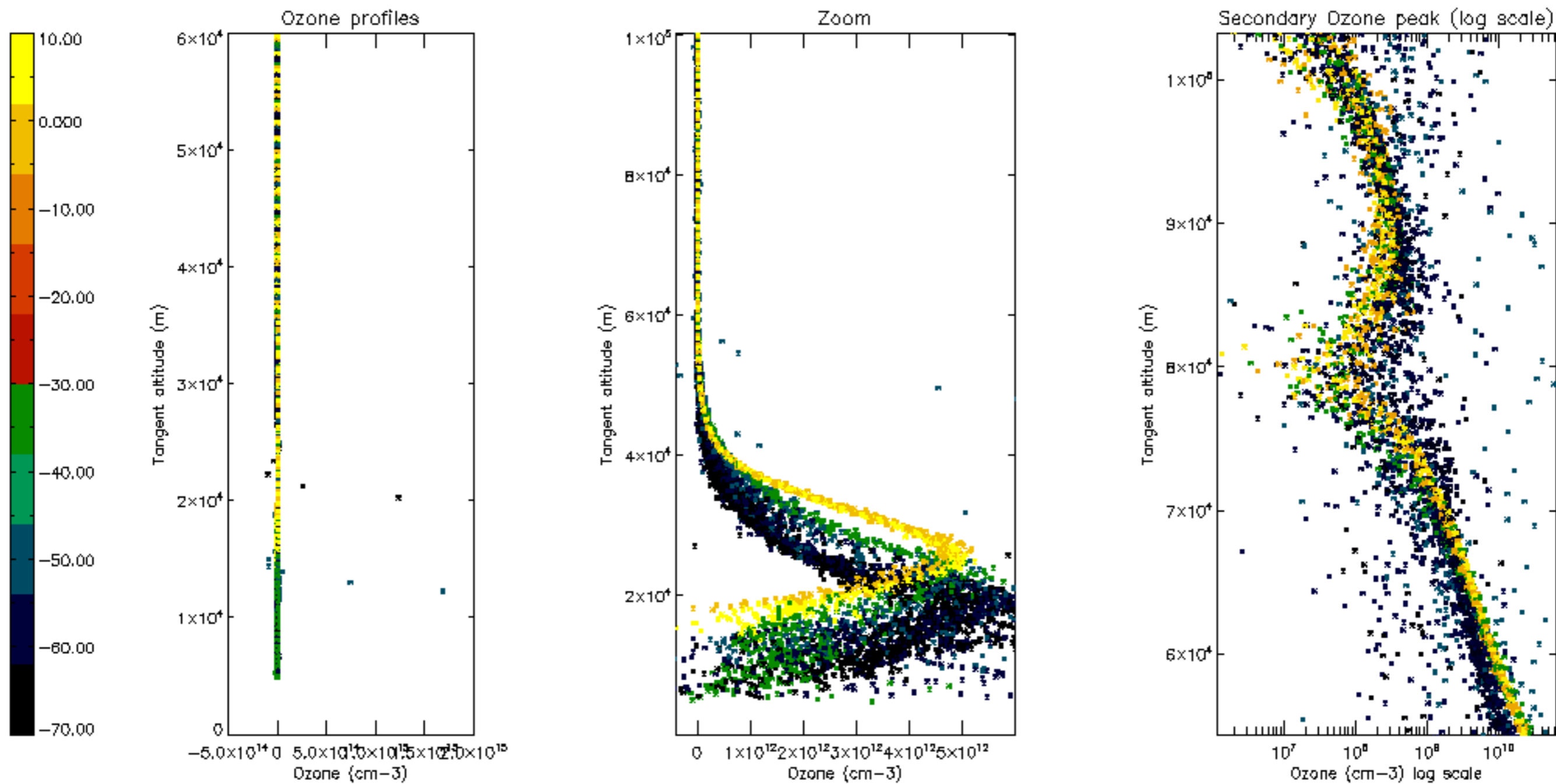


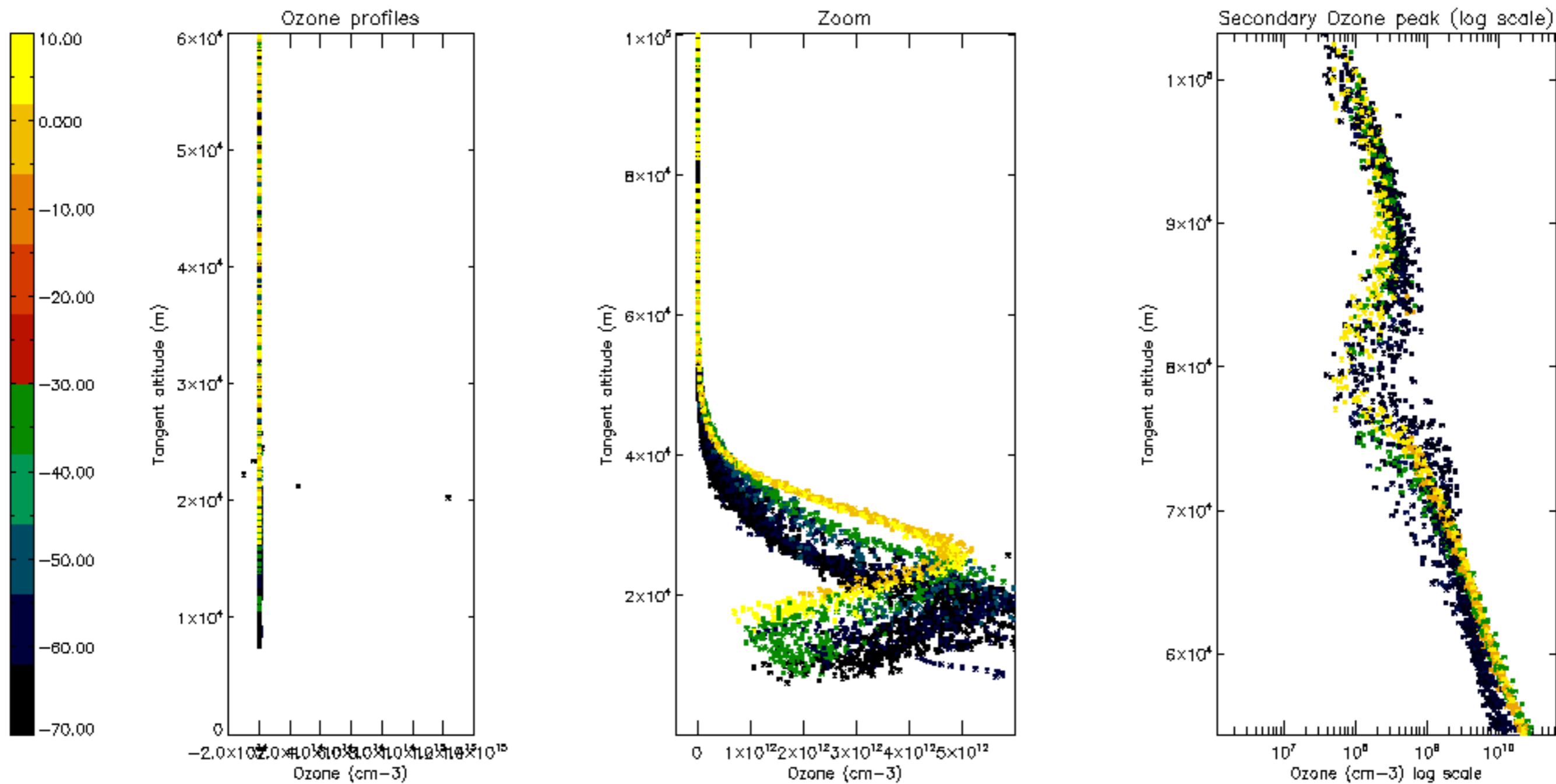
Percentage of star falling outside central band per profile

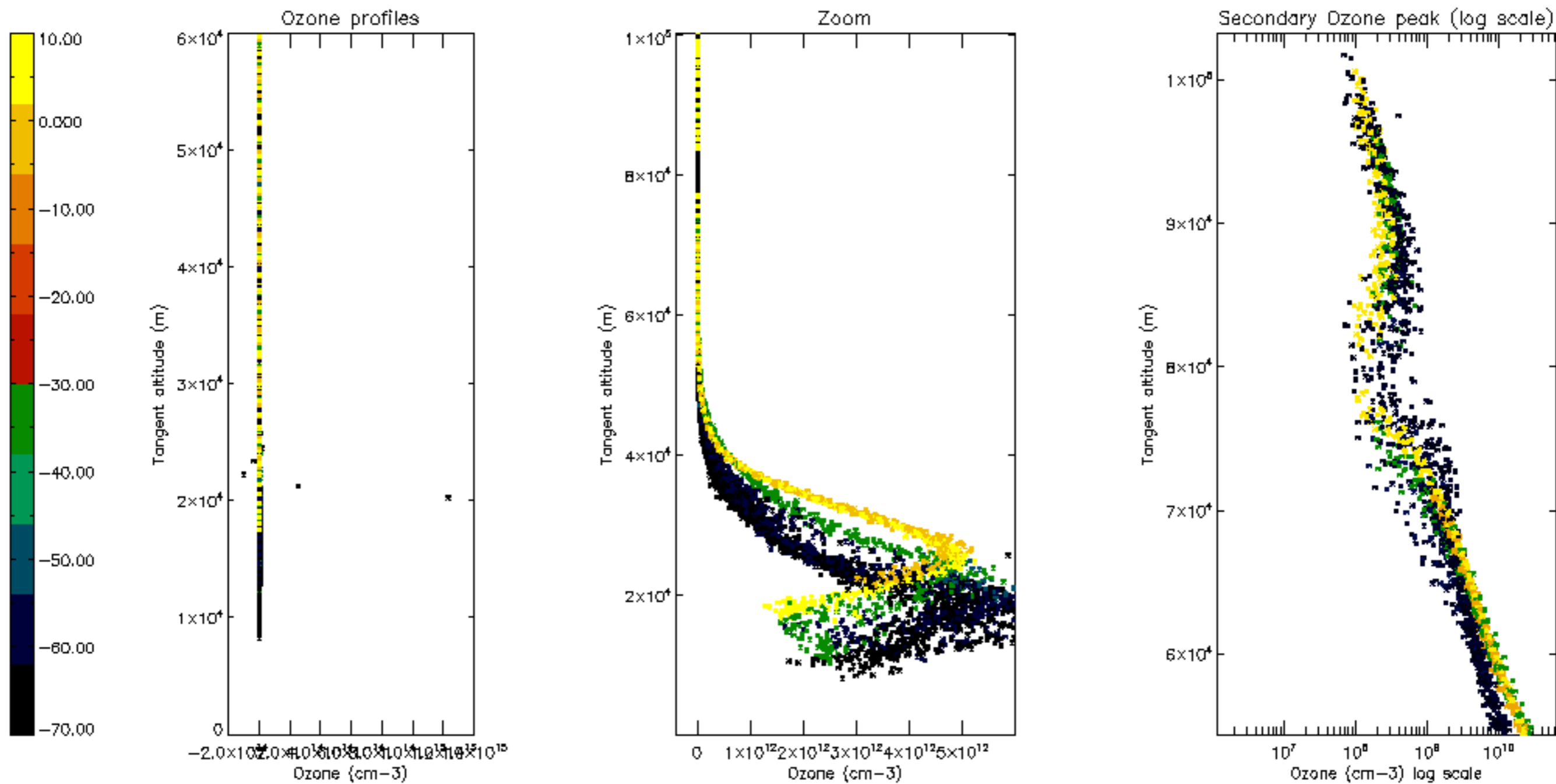


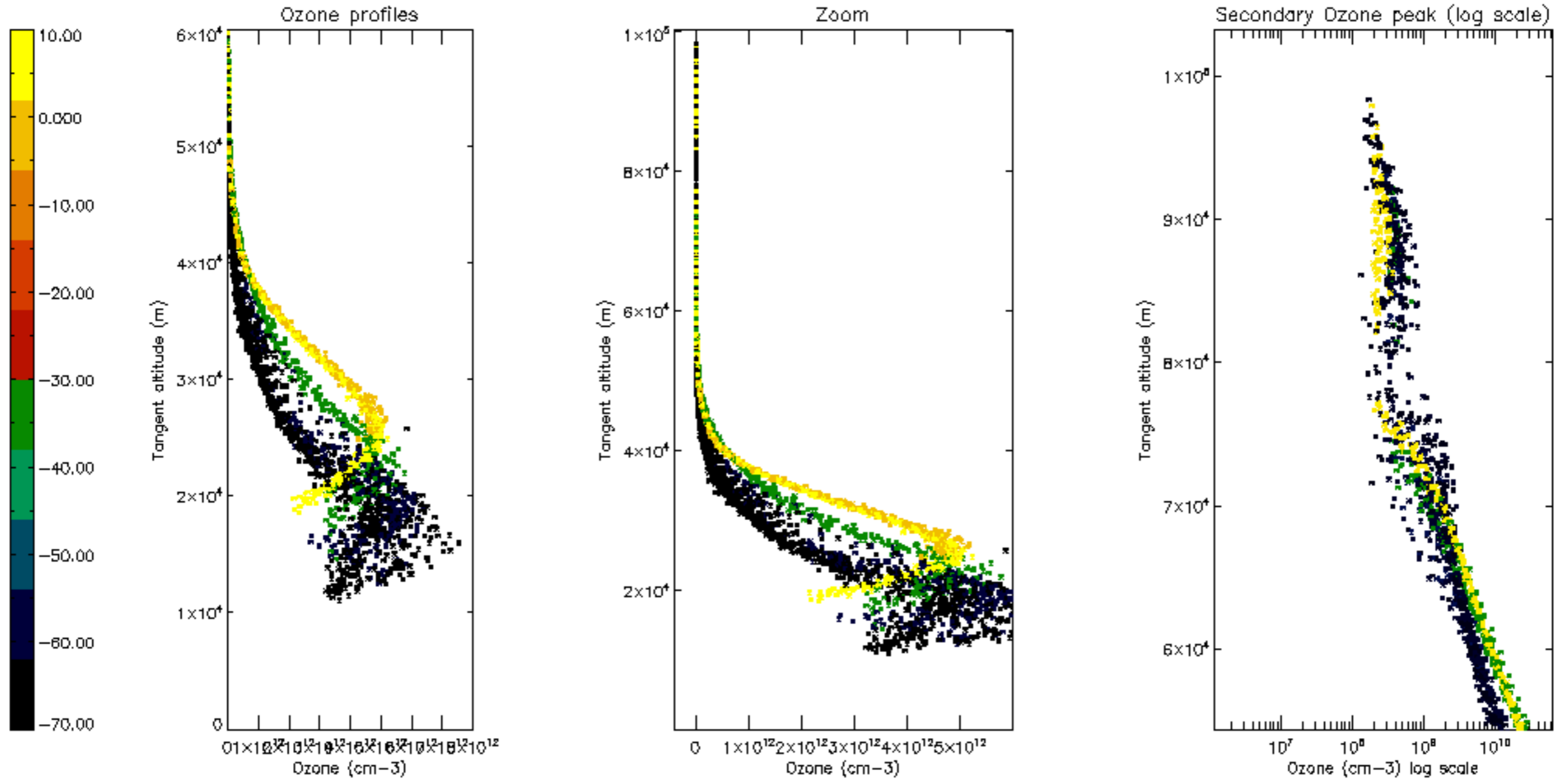
Percentage of saturation errors per profile

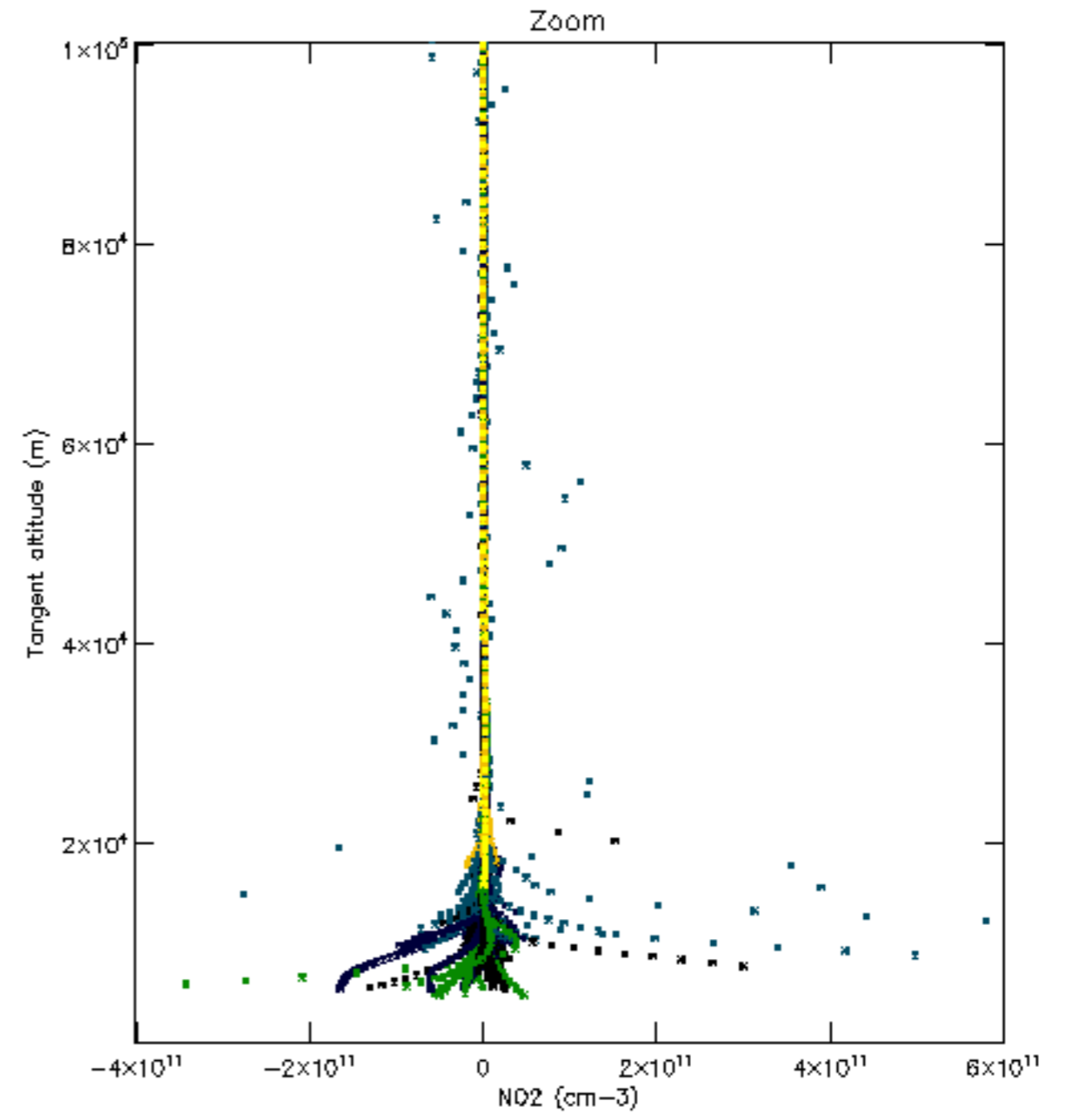
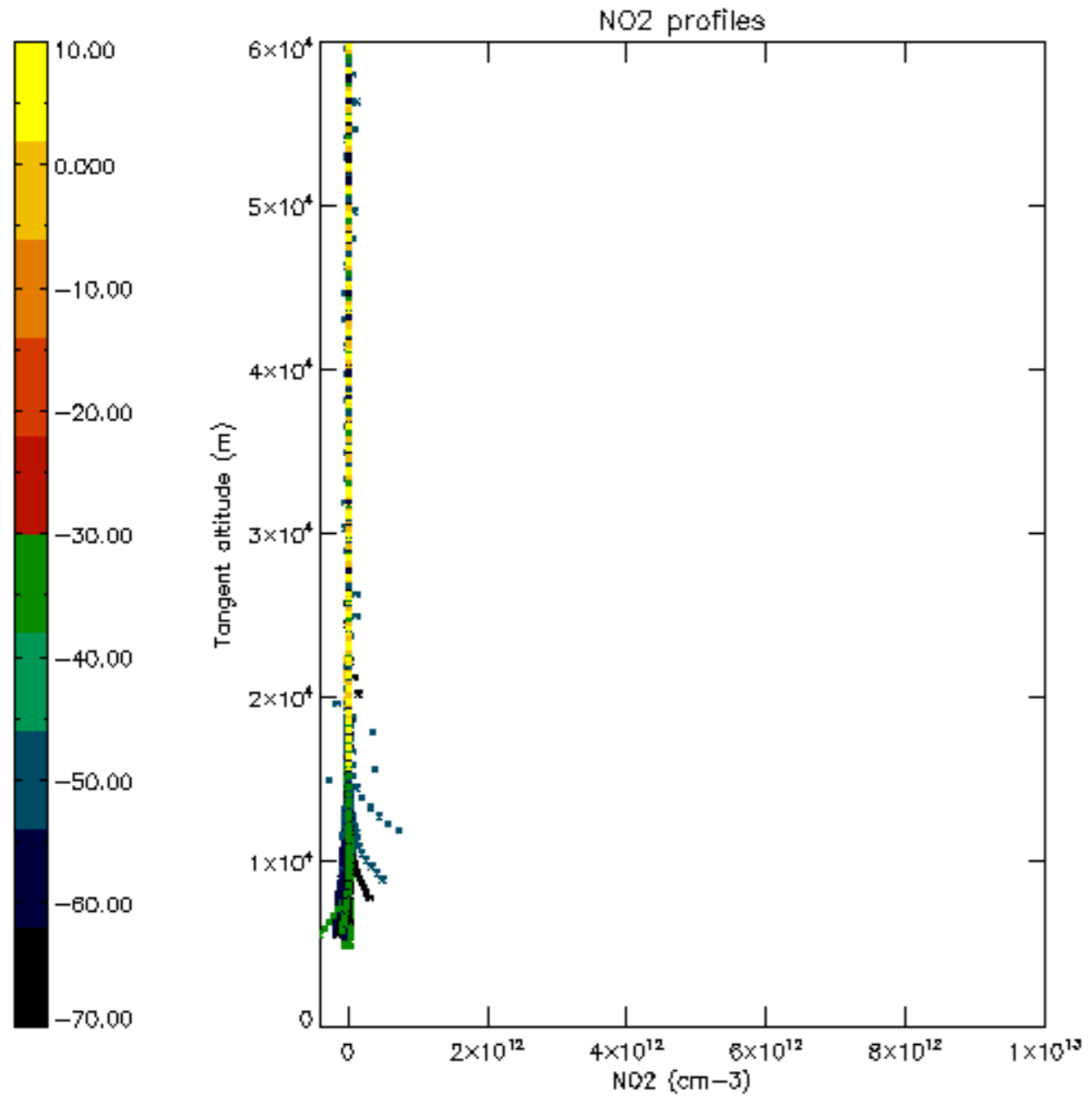


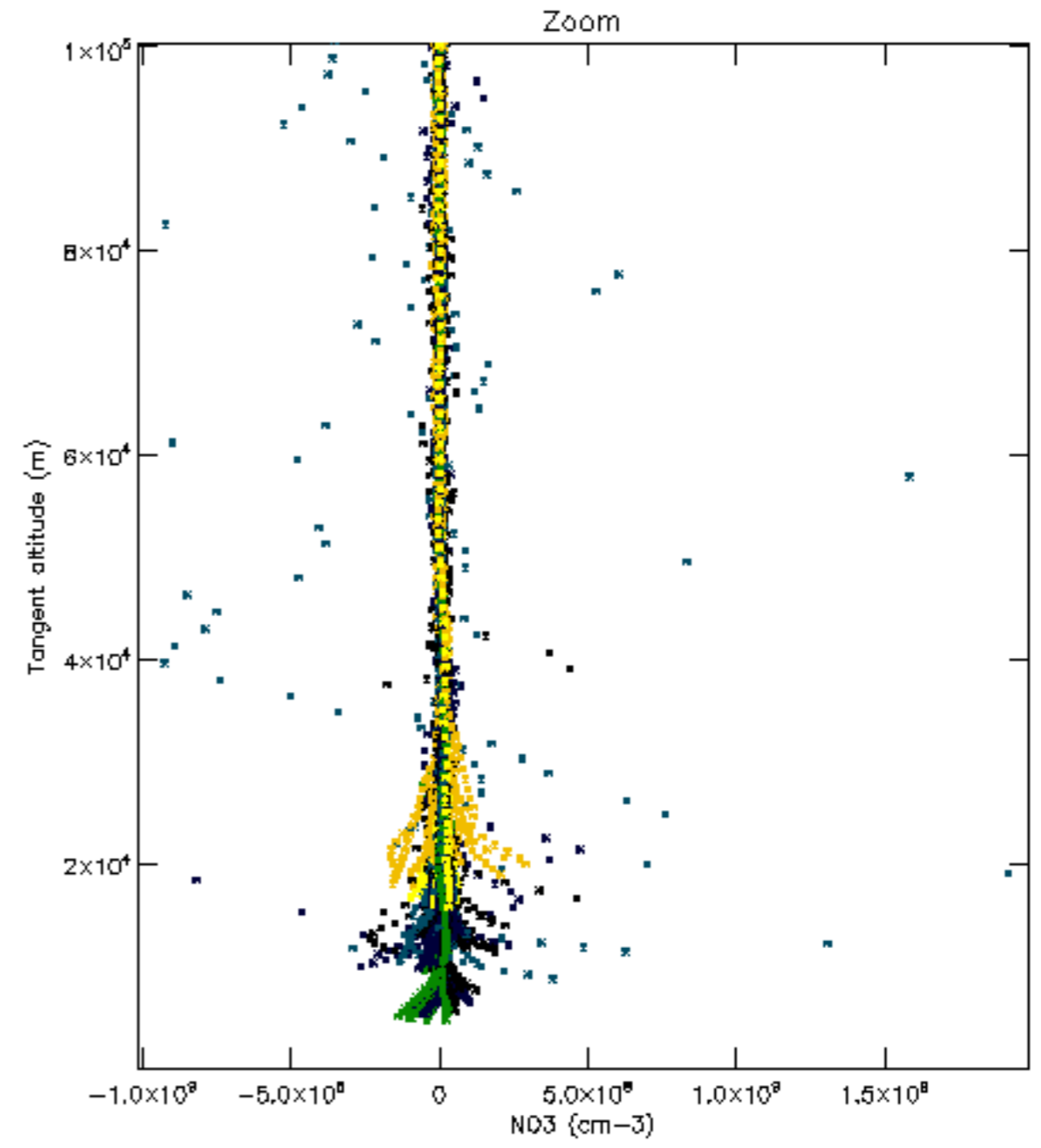
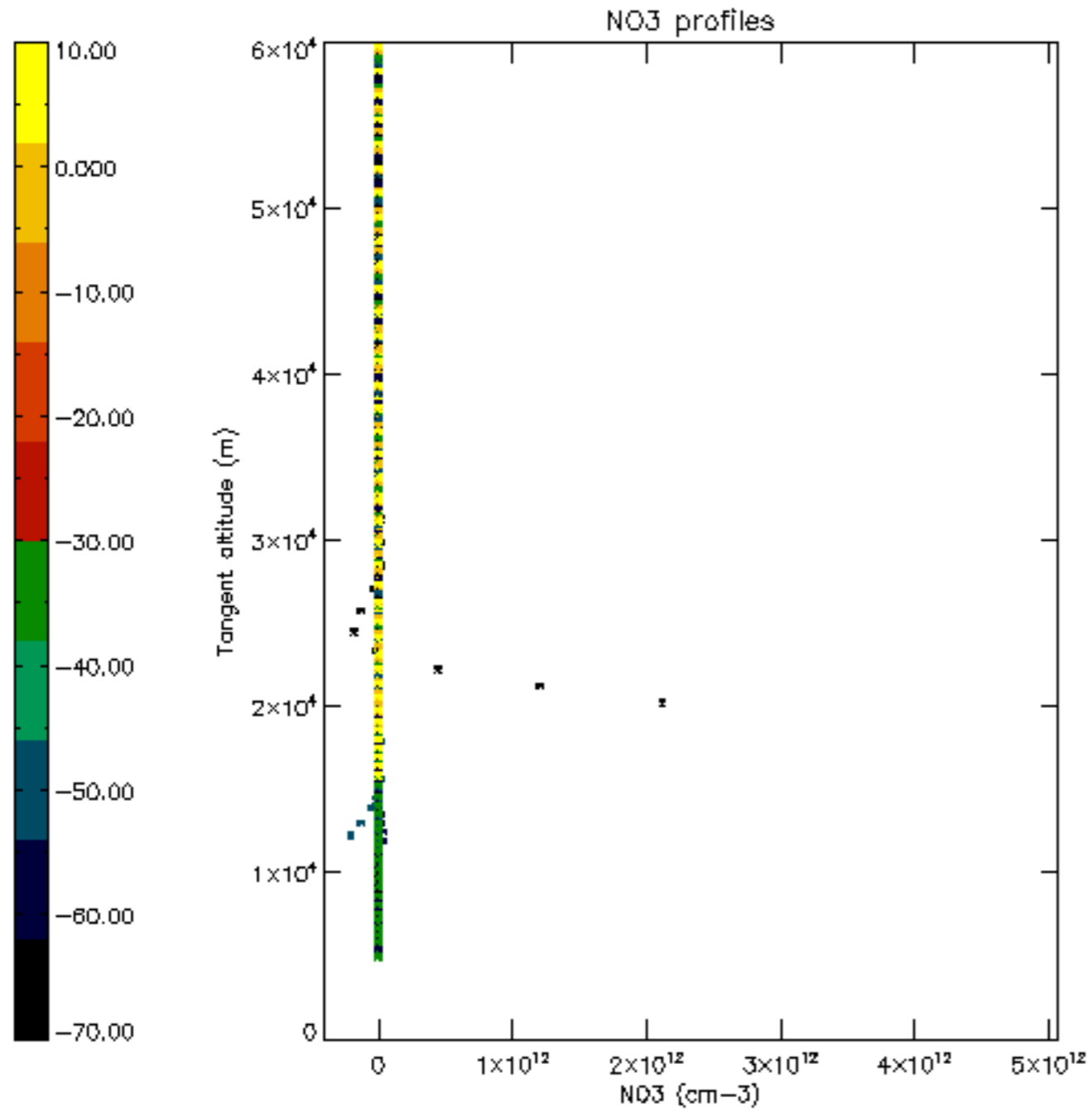


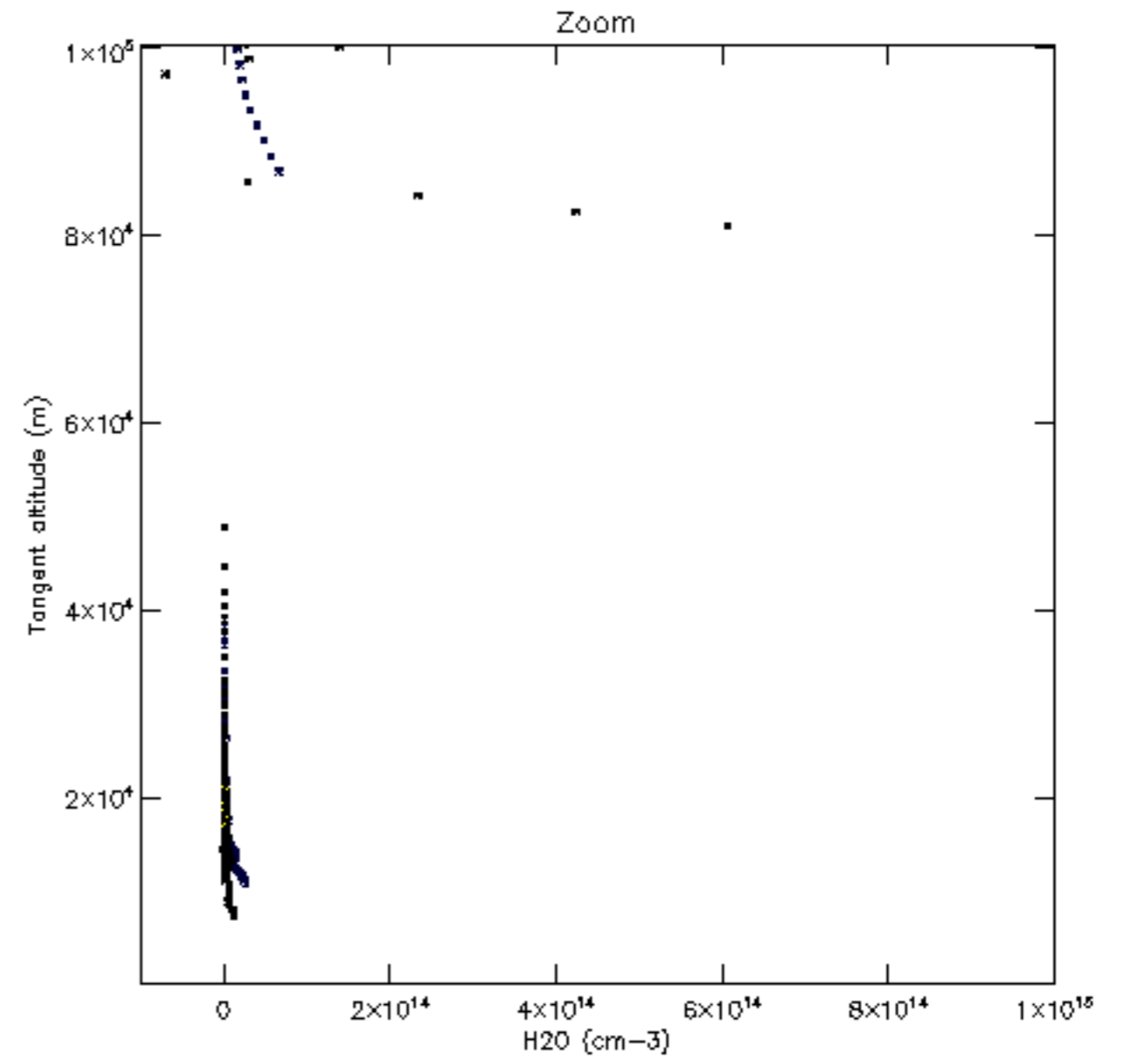
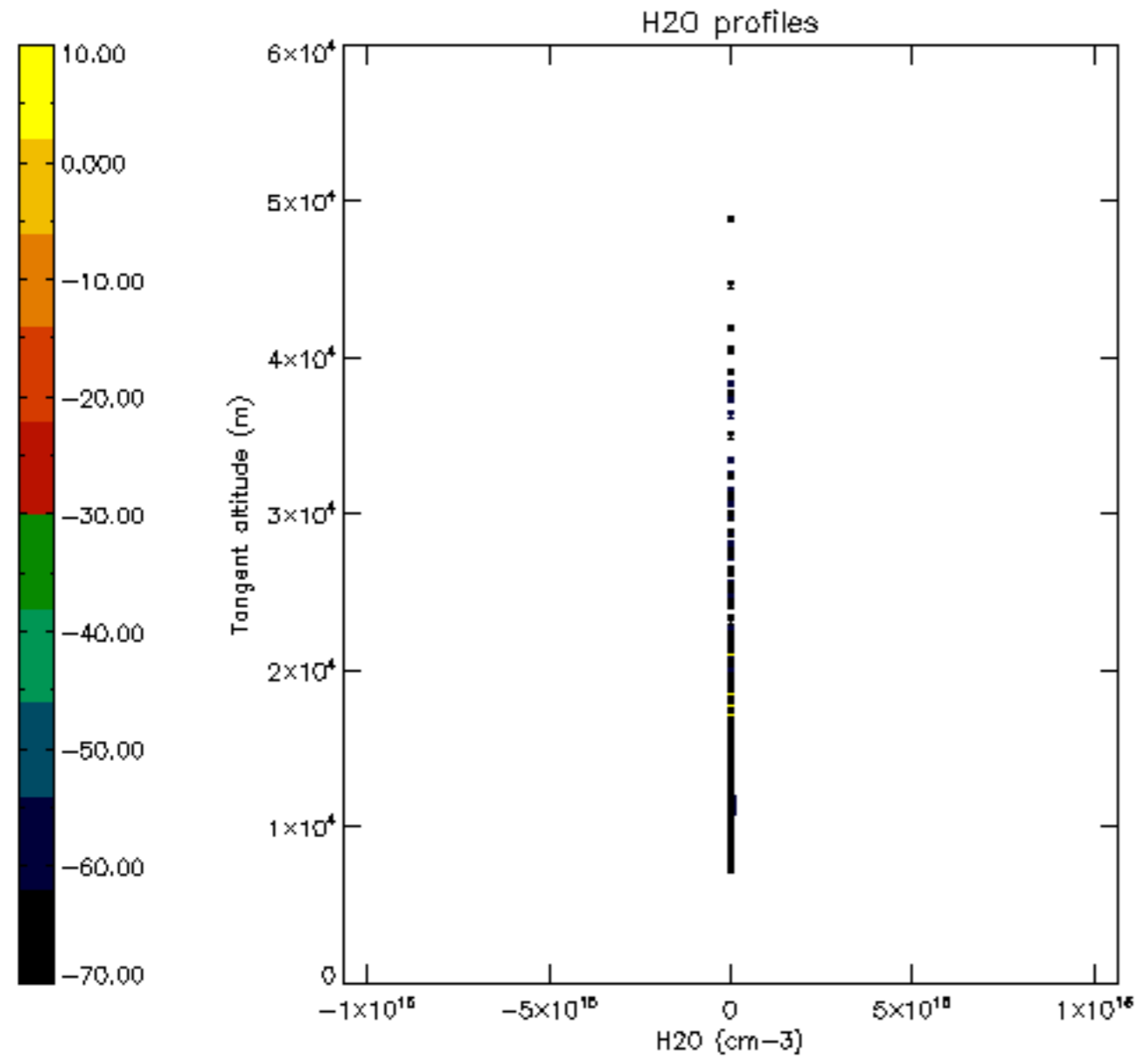


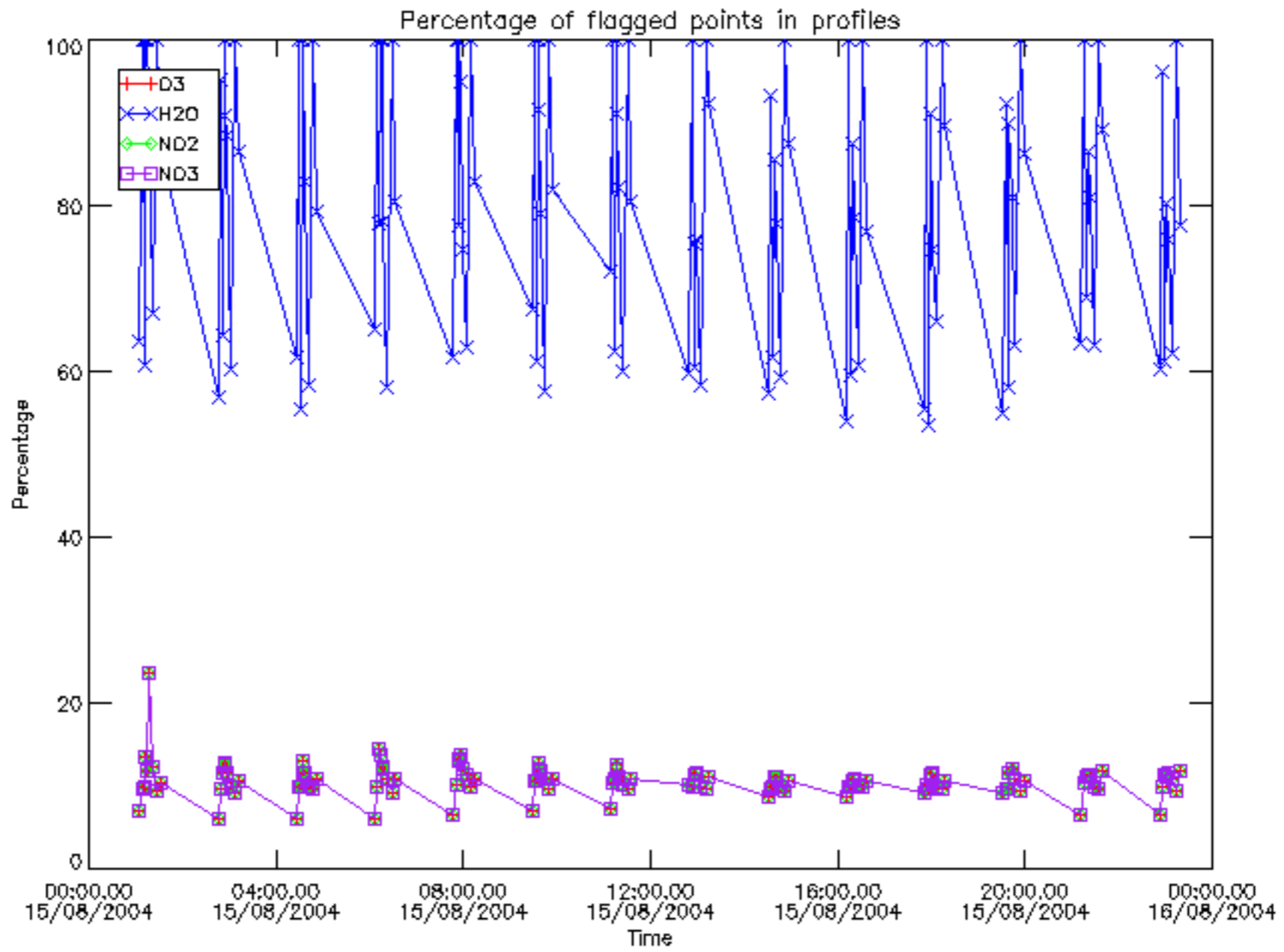




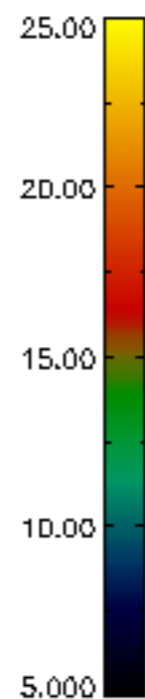
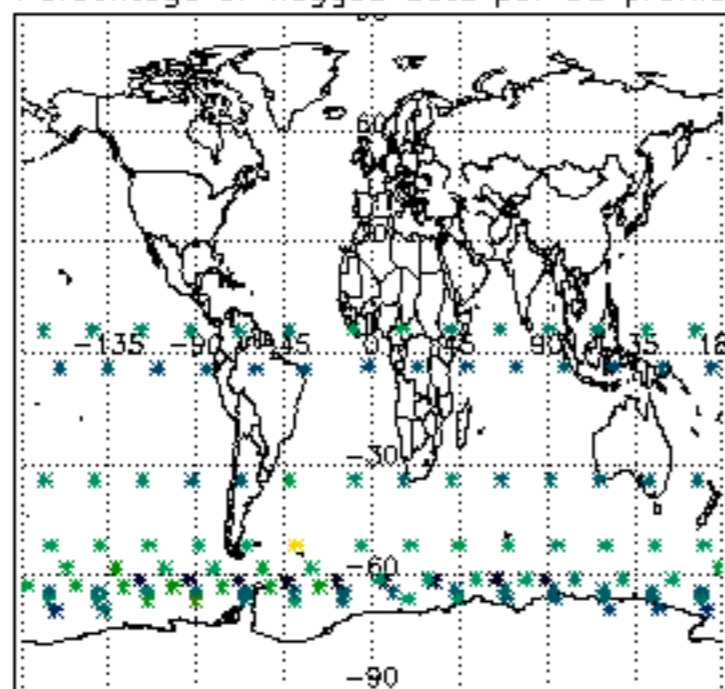




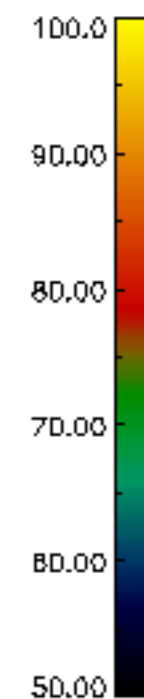
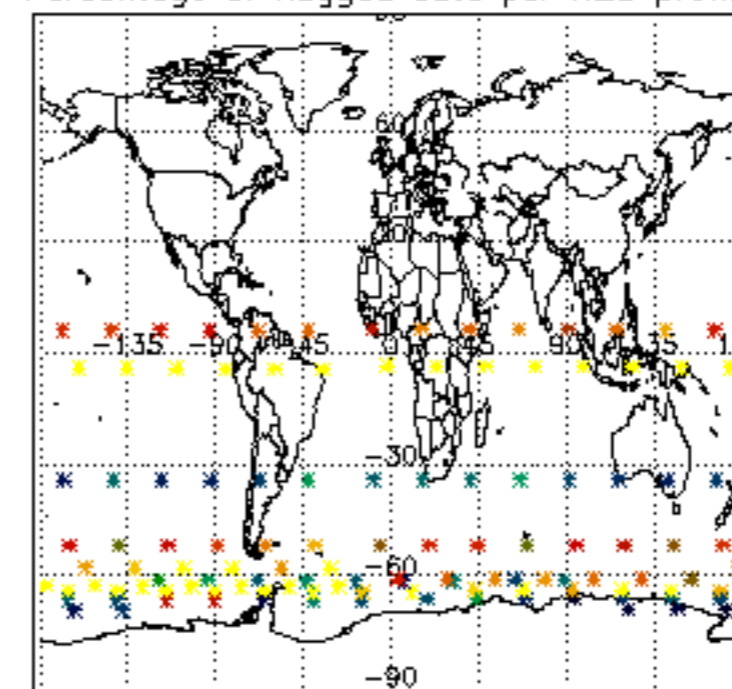




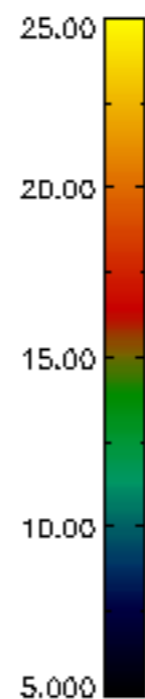
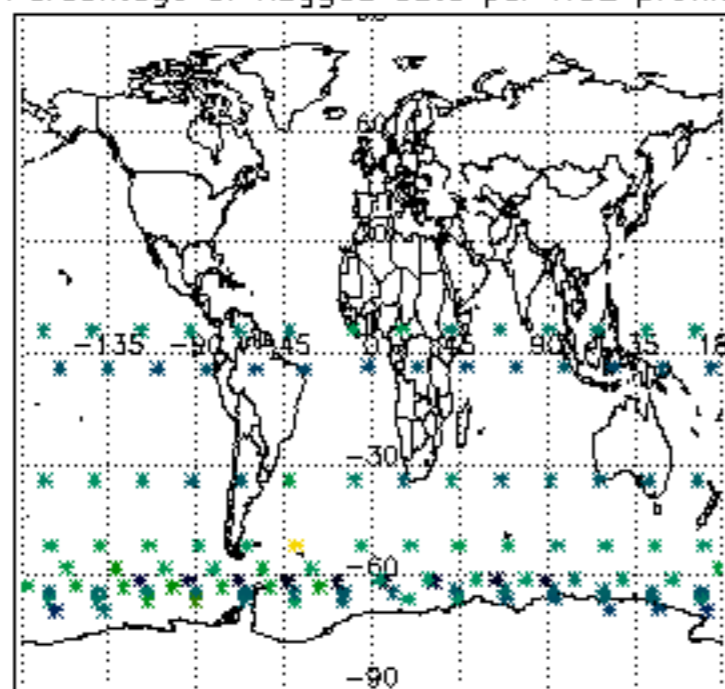
Percentage of flagged data per D3 profile



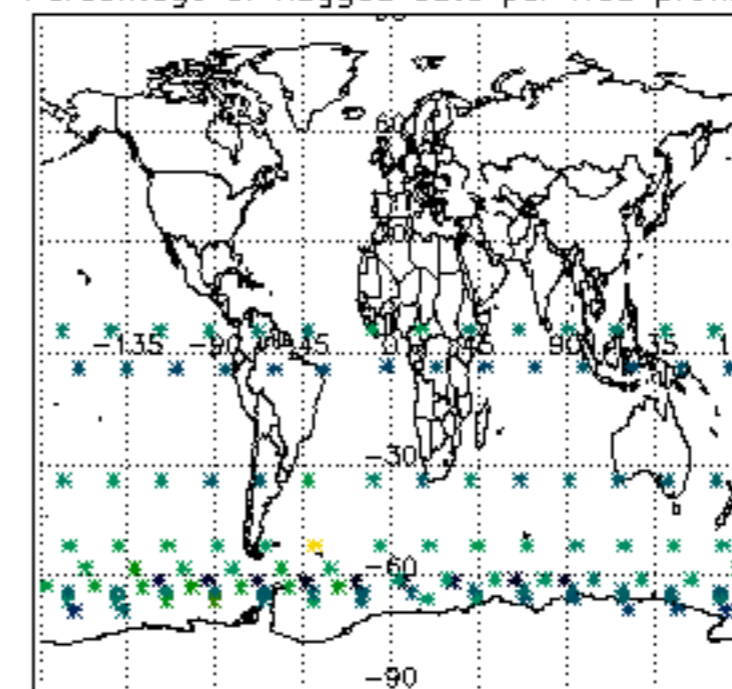
Percentage of flagged data per H2O profile

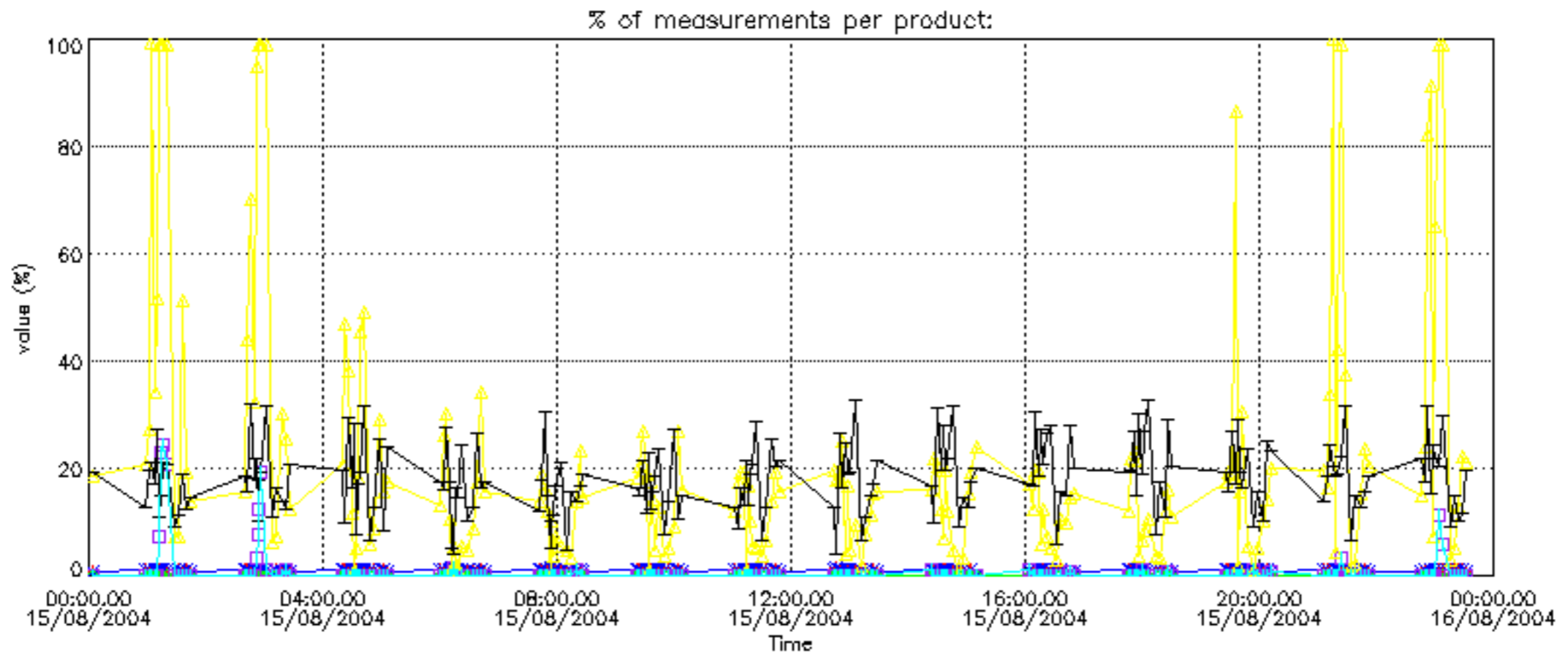


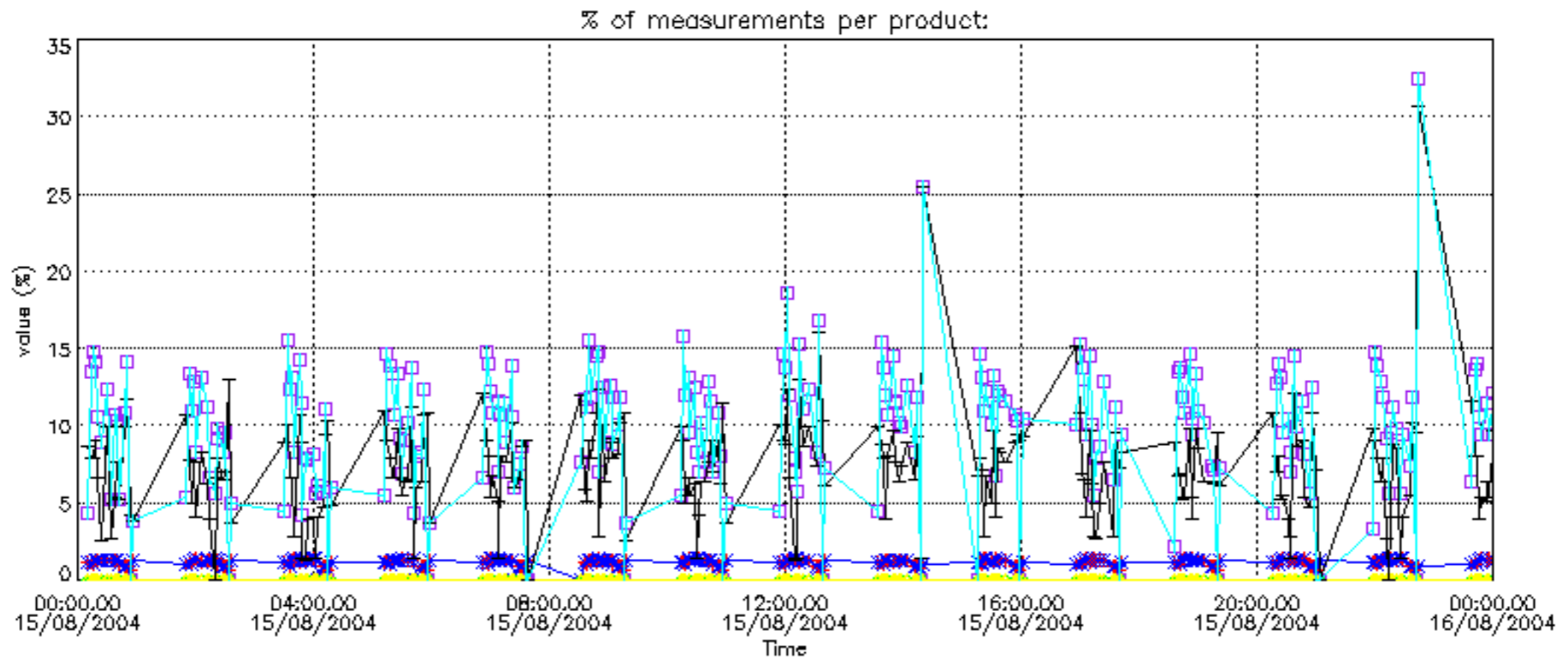
Percentage of flagged data per NO2 profile



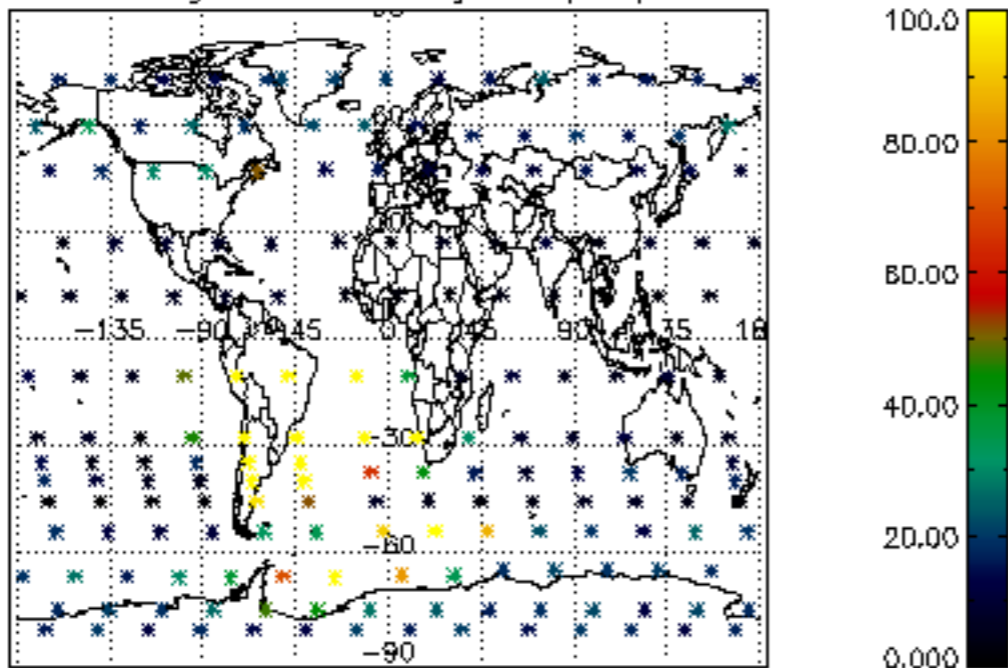
Percentage of flagged data per NO3 profile



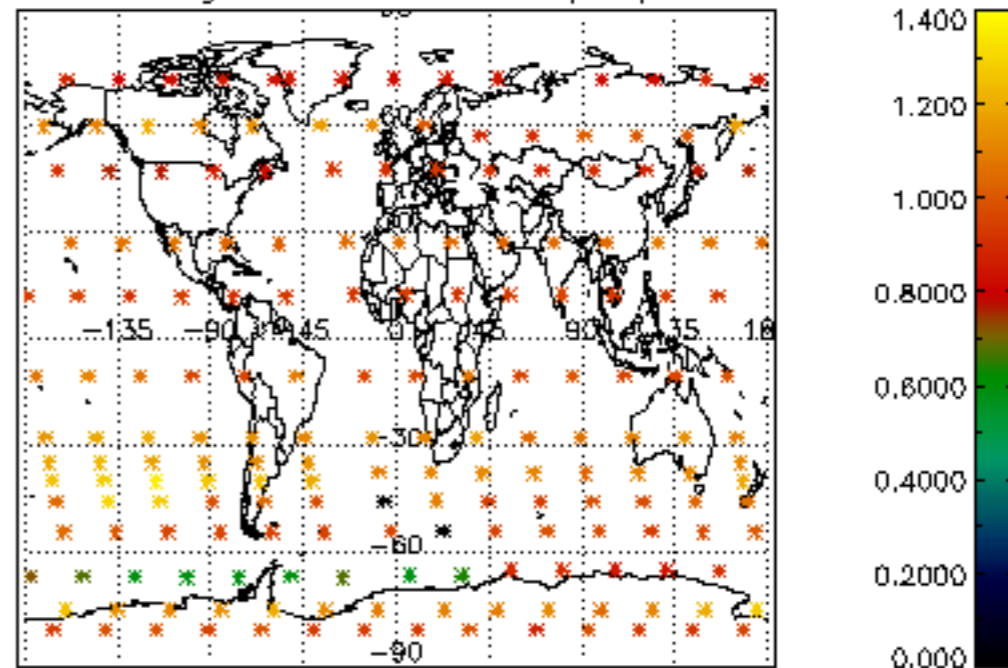




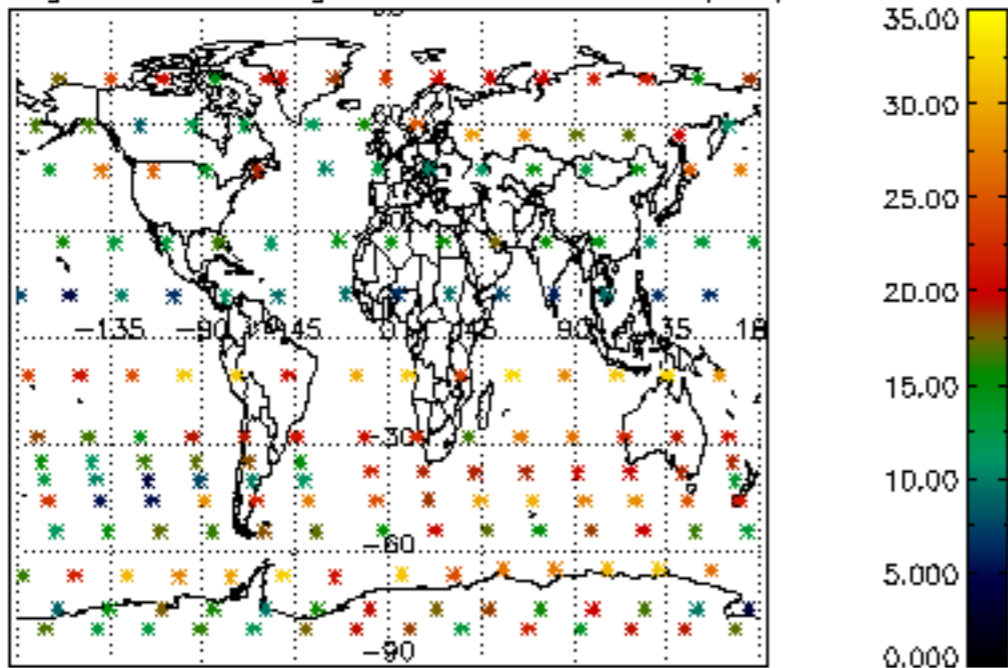
Percentage of cosmic ray hits per profile



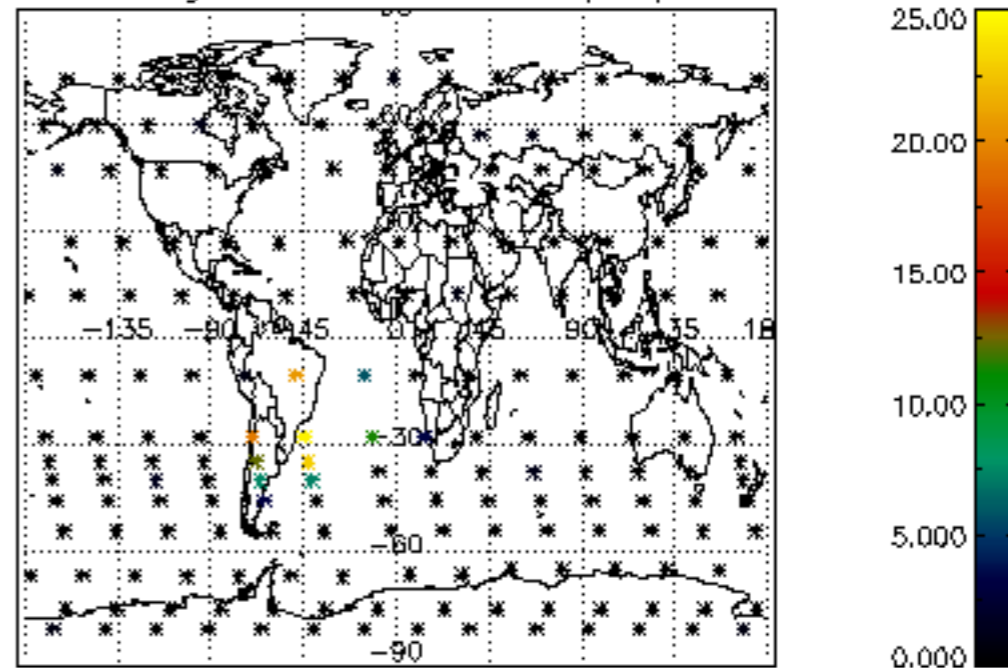
Percentage of datation errors per profile



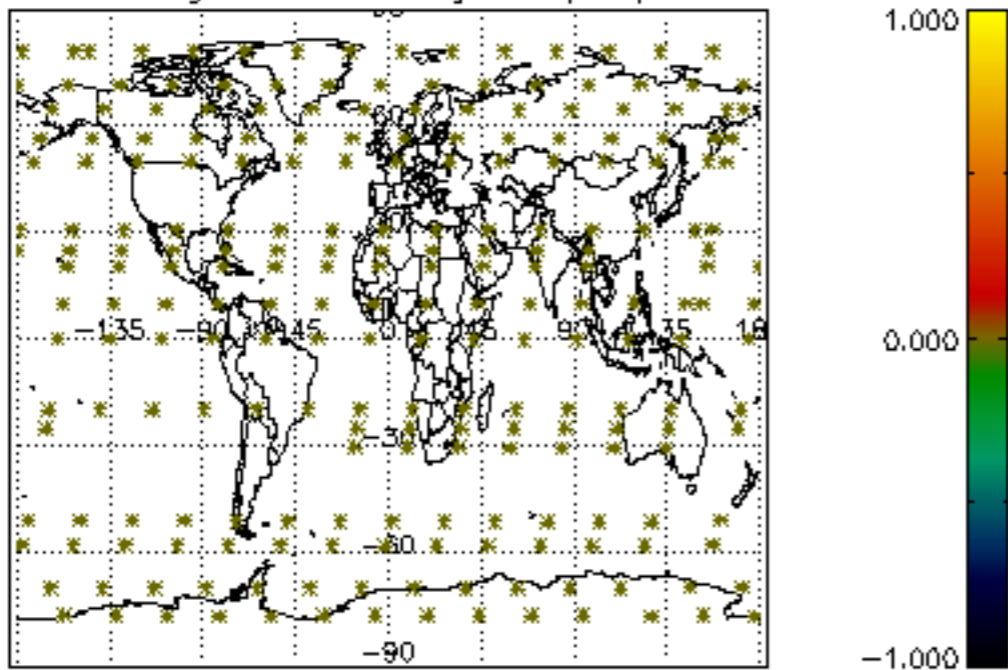
Percentage of star falling outside central band per profile



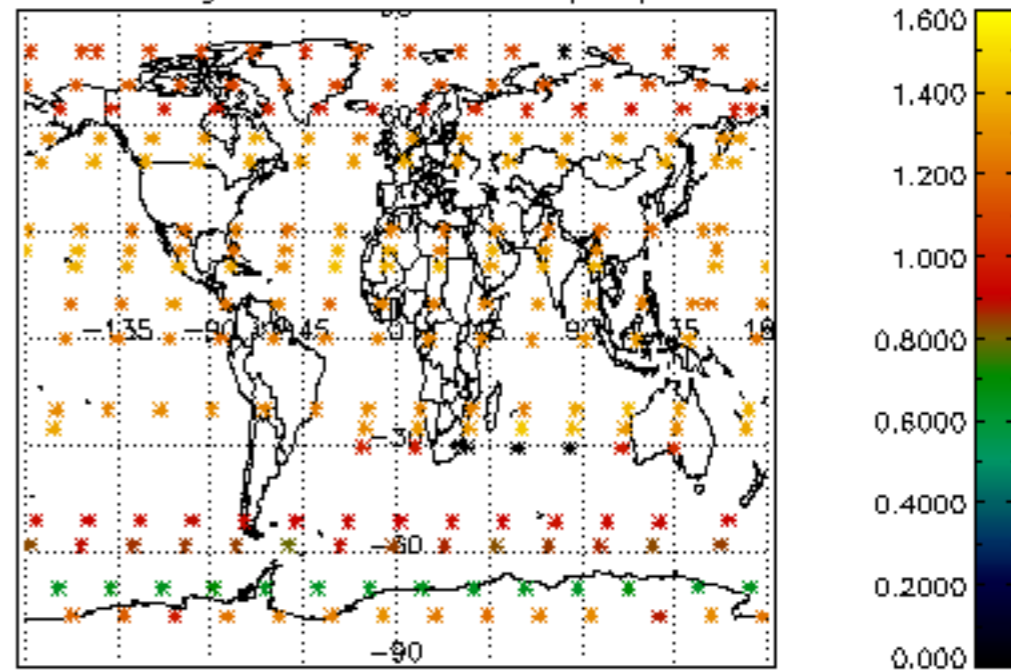
Percentage of saturation errors per profile



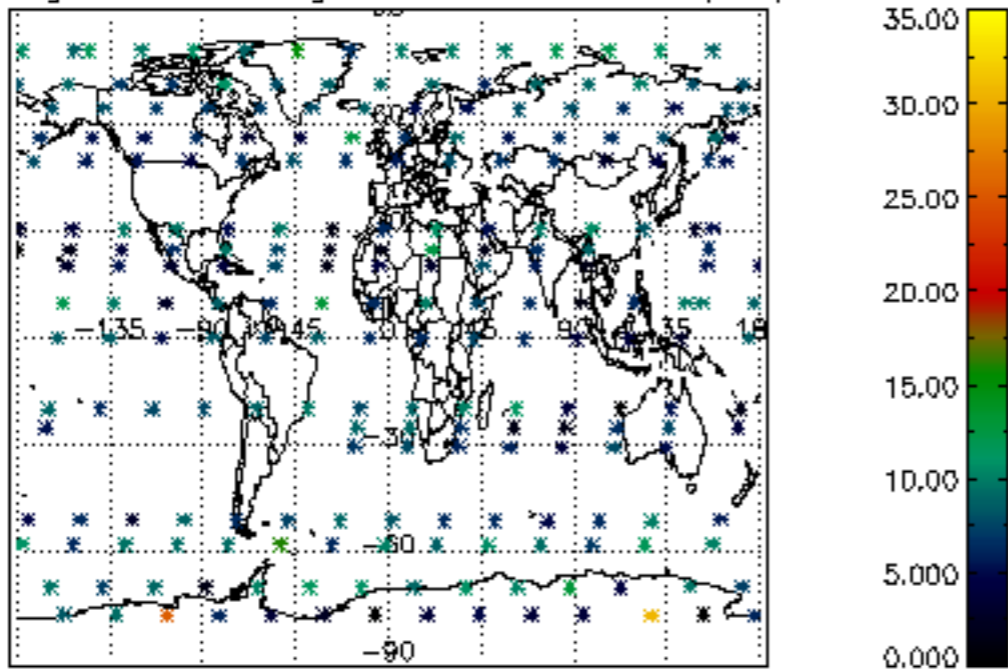
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

