

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	22APR2013 19:56:19
Data source version	GOMOS/6.01
Start time of products	24-05-2007 (24MAY2007 00:00:00)
Stop time of products	25-05-2007 (25MAY2007 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	321
Nb of prods with errors	0

2. Summary of processed GOM_NL__2P products.

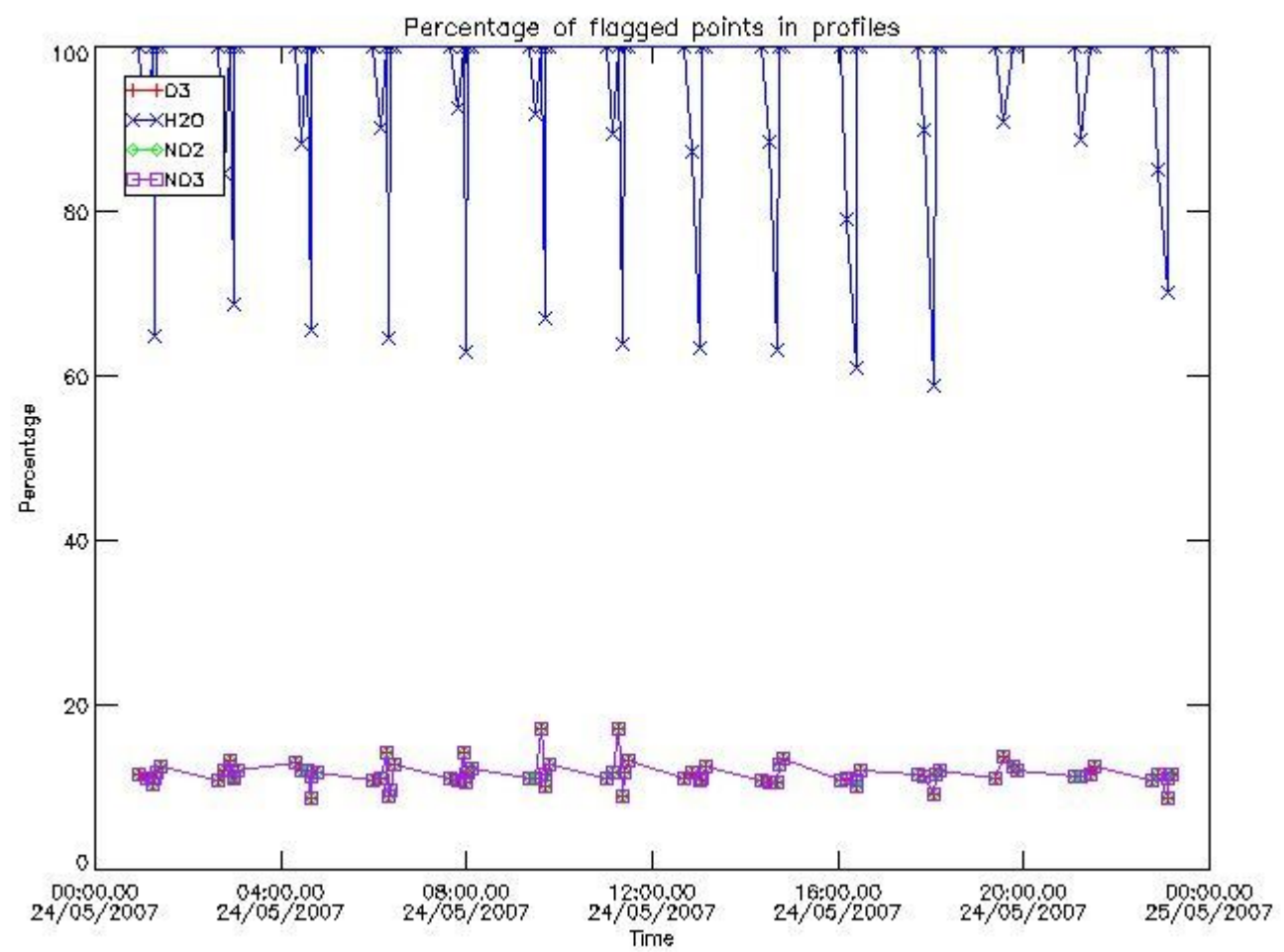
Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20070524_000020_000000602058_00231_27339_2712.N1	24-MAY-2007 00:00:20	Bright	60.000	16	21Alp Sco	1.0200	3000.0	120	27339	No
2	GOM_NL__2PRFIN20070524_000244_000000422058_00231_27339_2713.N1	24-MAY-2007 00:02:44	Bright	42.000	97	8Bet1Sco	2.5610	30000.	84	27339	No
3	GOM_NL__2PRFIN20070524_000614_000000372058_00231_27339_2714.N1	24-MAY-2007 00:06:14	Bright	37.000	104	27Bet Lib	2.6140	13100.	74	27339	No
4	GOM_NL__2PRFIN20070524_001104_000000402058_00231_27339_2715.N1	24-MAY-2007 00:11:04	Bright	39.500	102	24Alp Ser	2.6000	4250.0	79	27339	No
5	GOM_NL__2PRFIN20070524_001649_000000372058_00231_27339_2716.N1	24-MAY-2007 00:16:49	Bright	37.000	83		2.3780	11000.	74	27339	No
6	GOM_NL__2PRFIN20070524_001959_000000362058_00231_27339_2717.N1	24-MAY-2007 00:19:59	Bright	36.000	180	27Gam Boo	3.0400	8000.0	72	27339	No
7	GOM_NL__2PRFIN20070524_002805_000000372058_00231_27339_2718.N1	24-MAY-2007 00:28:05	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	27339	No
8	GOM_NL__2PRFIN20070524_003011_000000362058_00231_27339_2719.N1	24-MAY-2007 00:30:11	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	27339	No
9	GOM_NL__2PRFIN20070524_003446_000000352058_00231_27339_2720.N1	24-MAY-2007 00:34:46	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	27339	No
10	GOM_NL__2PRFIN20070524_004256_000000372058_00231_27339_2721.N1	24-MAY-2007 00:42:56	Bright	36.500	76	27Gam Cas	2.3000	30000.	73	27339	No
11	GOM_NL__2PRFIN20070524_004408_000000432058_00231_27339_2722.N1	24-MAY-2007 00:44:08	Bright	43.000	68	18Alp Cas	2.2250	4500.0	86	27339	No
12	GOM_NL__2PRFIN20070524_005020_000000382058_00231_27339_2723.N1	24-MAY-2007 00:50:20	Bright	38.000	53	43Bet And	2.0480	3300.0	76	27339	No
13	GOM_NL__2PRFIN20070524_005252_000000482058_00231_27339_2724.N1	24-MAY-2007 00:52:52	Twilight	48.000	58	21Alp And	2.0730	11000.	96	27339	No
14	GOM_NL__2PRFIN20070524_005719_000000452058_00231_27339_2725.N1	24-MAY-2007 00:57:19	Dark	44.500	140	88Gam Peg	2.8340	26000.	89	27339	No
15	GOM_NL__2PRFIN20070524_010608_000000462058_00231_27339_2726.N1	24-MAY-2007 01:06:08	Dark	45.500	52	16Bet Cet	2.0370	4500.0	91	27339	No
16	GOM_NL__2PRFIN20070524_011337_000000492058_00231_27339_2727.N1	24-MAY-2007 01:13:37	Dark	49.000	18	24Alp PsA	1.1660	9700.0	98	27339	No
17	GOM_NL__2PRFIN20070524_011736_000000462058_00231_27339_2728.N1	24-MAY-2007 01:17:36	Dark	46.000	63	Bet Gru	2.1500	2800.0	92	27339	No
18	GOM_NL__2PRFIN20070524_011917_000000442058_00232_27340_2718.N1	24-MAY-2007 01:19:17	Dark	43.500	31	Alp Gru	1.7340	15200.	87	27340	No
19	GOM_NL__2PRFIN20070524_012439_000000412058_00232_27340_2719.N1	24-MAY-2007 01:24:39	Dark	41.000	45	Alp Pav	1.9400	26000.	82	27340	No
20	GOM_NL__2PRFIN20070524_013126_000000422058_00232_27340_2720.N1	24-MAY-2007 01:31:26	Straylight	41.500	141	Bet Ara	2.8400	4600.0	83	27340	No
21	GOM_NL__2PRFIN20070524_013412_000000482058_00232_27340_2721.N1	24-MAY-2007 01:34:12	Straylight	48.000	40	The Sco	1.8590	7100.0	96	27340	No
22	GOM_NL__2PRFIN20070524_013605_000000382058_00232_27340_2722.N1	24-MAY-2007 01:36:05	Straylight	38.000	115	34Ups Sco	2.6960	26000.	76	27340	No
23	GOM_NL__2PRFIN20070524_013805_000000472058_00232_27340_2723.N1	24-MAY-2007 01:38:05	Twilight	46.500	75	26Eps Sco	2.2910	4250.0	93	27340	No
24	GOM_NL__2PRFIN20070524_014056_000000602058_00232_27340_2724.N1	24-MAY-2007 01:40:56	Bright	60.000	16	21Alp Sco	1.0200	3000.0	120	27340	No
25	GOM_NL__2PRFIN20070524_014320_000000412058_00232_27340_2725.N1	24-MAY-2007 01:43:20	Bright	41.000	97	8Bet1Sco	2.5610	30000.	82	27340	No
26	GOM_NL__2PRFIN20070524_014649_000000372058_00232_27340_2726.N1	24-MAY-2007 01:46:49	Bright	37.000	104	27Bet Lib	2.6140	13100.	74	27340	No
27	GOM_NL__2PRFIN20070524_015140_000000402058_00232_27340_2727.N1	24-MAY-2007 01:51:40	Bright	39.500	102	24Alp Ser	2.6000	4250.0	79	27340	No
28	GOM_NL__2PRFIN20070524_015725_000000352058_00232_27340_2728.N1	24-MAY-2007 01:57:25	Bright	34.500	83		2.3780	11000.	69	27340	No
29	GOM_NL__2PRFIN20070524_020035_000000342058_00232_27340_2729.N1	24-MAY-2007 02:00:35	Bright	33.500	180	27Gam Boo	3.0400	8000.0	67	27340	No
30	GOM_NL__2PRFIN20070524_020840_000000412058_00232_27340_2730.N1	24-MAY-2007 02:08:40	Bright	40.500	119	14Eta Dra	2.7270	4700.0	81	27340	No
31	GOM_NL__2PRFIN20070524_021047_000000362058_00232_27340_2731.N1	24-MAY-2007 02:10:47	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	27340	No
32	GOM_NL__2PRFIN20070524_021521_000000352058_00232_27340_2732.N1	24-MAY-2007 02:15:21	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	27340	No
33	GOM_NL__2PRFIN20070524_022332_000000352058_00232_27340_2733.N1	24-MAY-2007 02:23:32	Bright	35.000	76	27Gam Cas	2.3000	30000.	70	27340	No
34	GOM_NL__2PRFIN20070524_022444_000000362058_00232_27340_2734.N1	24-MAY-2007 02:24:44	Bright	36.000	68	18Alp Cas	2.2250	4500.0	72	27340	No
35	GOM_NL__2PRFIN20070524_023056_000000542058_00232_27340_2735.N1	24-MAY-2007 02:30:56	Bright	54.000	53	43Bet And	2.0480	3300.0	108	27340	No
36	GOM_NL__2PRFIN20070524_023329_000000452058_00232_27340_2736.N1	24-MAY-2007 02:33:29	Twilight	44.500	58	21Alp And	2.0730	11000.	89	27340	No
37	GOM_NL__2PRFIN20070524_023756_000000472058_00232_27340_2737.N1	24-MAY-2007 02:37:56	Dark	47.000	140	88Gam Peg	2.8340	26000.	94	27340	No
38	GOM_NL__2PRFIN20070524_024644_000000432058_00232_27340_2738.N1	24-MAY-2007 02:46:44	Dark	42.500	52	16Bet Cet	2.0370	4500.0	85	27340	No
39	GOM_NL__2PRFIN20070524_025414_000000422058_00232_27340_2739.N1	24-MAY-2007 02:54:14	Dark	42.000	18	24Alp PsA	1.1660	9700.0	84	27340	No
40	GOM_NL__2PRFIN20070524_025812_000000452058_00232_27340_2740.N1	24-MAY-2007 02:58:12	Dark	45.000	63	Bet Gru	2.1500	2800.0	90	27340	No
41	GOM_NL__2PRFIN20070524_025953_000000462058_00233_27341_2734.N1	24-MAY-2007 02:59:53	Dark	46.000	31	Alp Gru	1.7340	15200.	92	27341	No
42	GOM_NL__2PRFIN20070524_030516_000000432058_00233_27341_2735.N1	24-MAY-2007 03:05:16	Dark	42.500	45	Alp Pav	1.9400	26000.	85	27341	No

279	GOM_NL__2PRFIN20070524_204157_000000352058_00243_27351_2985.N1	24-MAY-2007 20:41:57	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	27351	No
280	GOM_NL__2PRFIN20070524_205007_000000522058_00243_27351_2986.N1	24-MAY-2007 20:50:07	Bright	52.000	76	27Gam Cas	2.3000	30000.	104	27351	No
281	GOM_NL__2PRFIN20070524_205119_000000542058_00243_27351_2987.N1	24-MAY-2007 20:51:19	Bright	53.500	68	18Alp Cas	2.2250	4500.0	107	27351	No
282	GOM_NL__2PRFIN20070524_205733_000000542058_00243_27351_2988.N1	24-MAY-2007 20:57:33	Bright	54.000	53	43Bet And	2.0480	3300.0	108	27351	No
283	GOM_NL__2PRFIN20070524_210006_000000492058_00243_27351_2989.N1	24-MAY-2007 21:00:06	Tw_i_and_stray	48.500	58	21Alp And	2.0730	11000.	97	27351	No
284	GOM_NL__2PRFIN20070524_210435_000000452058_00243_27351_2990.N1	24-MAY-2007 21:04:35	Dark	44.500	140	88Gam Peg	2.8340	26000.	89	27351	No
285	GOM_NL__2PRFIN20070524_211325_000000452058_00243_27351_2991.N1	24-MAY-2007 21:13:25	Dark	45.000	52	16Bet Cet	2.0370	4500.0	90	27351	No
286	GOM_NL__2PRFIN20070524_212638_000000442058_00244_27352_2991.N1	24-MAY-2007 21:26:38	Dark	44.000	31	Alp Gru	1.7340	15200.	88	27352	No
287	GOM_NL__2PRFIN20070524_213159_000000412058_00244_27352_2992.N1	24-MAY-2007 21:31:59	Dark	41.000	45	Alp Pav	1.9400	26000.	82	27352	No
288	GOM_NL__2PRFIN20070524_213842_000000412058_00244_27352_2993.N1	24-MAY-2007 21:38:42	Straylight	41.000	141	Bet Ara	2.8400	4600.0	82	27352	No
289	GOM_NL__2PRFIN20070524_214130_000000492058_00244_27352_2994.N1	24-MAY-2007 21:41:30	Straylight	49.000	40	The Sco	1.8590	7100.0	98	27352	No
290	GOM_NL__2PRFIN20070524_214320_000000342058_00244_27352_2995.N1	24-MAY-2007 21:43:20	Straylight	34.000	25	35Lam Sco	1.6200	28000.	68	27352	No
291	GOM_NL__2PRFIN20070524_214521_000000472058_00244_27352_2996.N1	24-MAY-2007 21:45:21	Tw_i_and_stray	46.500	75	26Eps Sco	2.2910	4250.0	93	27352	No
292	GOM_NL__2PRFIN20070524_214811_000000602058_00244_27352_2997.N1	24-MAY-2007 21:48:11	Bright	60.000	16	21Alp Sco	1.0200	3000.0	120	27352	No
293	GOM_NL__2PRFIN20070524_215033_000000412058_00244_27352_2998.N1	24-MAY-2007 21:50:33	Bright	40.500	97	8Bet1Sco	2.5610	30000.	81	27352	No
294	GOM_NL__2PRFIN20070524_215402_000000372058_00244_27352_2999.N1	24-MAY-2007 21:54:02	Bright	37.000	104	27Bet Lib	2.6140	13100.	74	27352	No
295	GOM_NL__2PRFIN20070524_215849_000000392058_00244_27352_3000.N1	24-MAY-2007 21:58:49	Bright	39.000	102	24Alp Ser	2.6000	4250.0	78	27352	No
296	GOM_NL__2PRFIN20070524_220436_000000372058_00244_27352_3001.N1	24-MAY-2007 22:04:36	Bright	37.000	83		2.3780	11000.	74	27352	No
297	GOM_NL__2PRFIN20070524_220746_000000352058_00244_27352_3002.N1	24-MAY-2007 22:07:46	Bright	35.000	180	27Gam Boo	3.0400	8000.0	70	27352	No
298	GOM_NL__2PRFIN20070524_221547_000000402058_00244_27352_3003.N1	24-MAY-2007 22:15:47	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	27352	No
299	GOM_NL__2PRFIN20070524_221758_000000382058_00244_27352_3004.N1	24-MAY-2007 22:17:58	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	27352	No
300	GOM_NL__2PRFIN20070524_222233_000000352058_00244_27352_3005.N1	24-MAY-2007 22:22:33	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	27352	No
301	GOM_NL__2PRFIN20070524_223043_000000542058_00244_27352_3006.N1	24-MAY-2007 22:30:43	Bright	54.000	76	27Gam Cas	2.3000	30000.	108	27352	No
302	GOM_NL__2PRFIN20070524_223155_000000552058_00244_27352_3007.N1	24-MAY-2007 22:31:55	Bright	55.000	68	18Alp Cas	2.2250	4500.0	110	27352	No
303	GOM_NL__2PRFIN20070524_223809_000000542058_00244_27352_3008.N1	24-MAY-2007 22:38:09	Bright	53.500	53	43Bet And	2.0480	3300.0	107	27352	No
304	GOM_NL__2PRFIN20070524_224042_000000502058_00244_27352_3009.N1	24-MAY-2007 22:40:42	Tw_i_and_stray	50.000	58	21Alp And	2.0730	11000.	100	27352	No
305	GOM_NL__2PRFIN20070524_224511_000000472058_00244_27352_3010.N1	24-MAY-2007 22:45:11	Dark	47.000	140	88Gam Peg	2.8340	26000.	94	27352	No
306	GOM_NL__2PRFIN20070524_225401_000000442058_00244_27352_3011.N1	24-MAY-2007 22:54:01	Dark	44.000	52	16Bet Cet	2.0370	4500.0	88	27352	No
307	GOM_NL__2PRFIN20070524_230533_000000592058_00244_27352_3012.N1	24-MAY-2007 23:05:33	Dark	59.000	63	Bet Gru	2.1500	2800.0	118	27352	No
308	GOM_NL__2PRFIN20070524_230715_000000462058_00245_27353_3002.N1	24-MAY-2007 23:07:15	Dark	46.000	31	Alp Gru	1.7340	15200.	92	27353	No
309	GOM_NL__2PRFIN20070524_231235_000000442058_00245_27353_3003.N1	24-MAY-2007 23:12:35	Dark	44.000	45	Alp Pav	1.9400	26000.	88	27353	No
310	GOM_NL__2PRFIN20070524_231918_000000442058_00245_27353_3004.N1	24-MAY-2007 23:19:18	Straylight	43.500	141	Bet Ara	2.8400	4600.0	87	27353	No
311	GOM_NL__2PRFIN20070524_232206_000000512058_00245_27353_3005.N1	24-MAY-2007 23:22:06	Straylight	51.000	40	The Sco	1.8590	7100.0	102	27353	No
312	GOM_NL__2PRFIN20070524_232357_000000342058_00245_27353_3006.N1	24-MAY-2007 23:23:57	Straylight	34.000	25	35Lam Sco	1.6200	28000.	68	27353	No
313	GOM_NL__2PRFIN20070524_232557_000000462058_00245_27353_3007.N1	24-MAY-2007 23:25:57	Tw_i_and_stray	45.500	75	26Eps Sco	2.2910	4250.0	91	27353	No
314	GOM_NL__2PRFIN20070524_232847_000000602058_00245_27353_3008.N1	24-MAY-2007 23:28:47	Bright	60.000	16	21Alp Sco	1.0200	3000.0	120	27353	No
315	GOM_NL__2PRFIN20070524_233109_000000402058_00245_27353_3009.N1	24-MAY-2007 23:31:09	Bright	40.000	97	8Bet1Sco	2.5610	30000.	80	27353	No
316	GOM_NL__2PRFIN20070524_233438_000000382058_00245_27353_3010.N1	24-MAY-2007 23:34:38	Bright	37.500	104	27Bet Lib	2.6140	13100.	75	27353	No
317	GOM_NL__2PRFIN20070524_233925_000000392058_00245_27353_3011.N1	24-MAY-2007 23:39:25	Bright	39.000	102	24Alp Ser	2.6000	4250.0	78	27353	No
318	GOM_NL__2PRFIN20070524_234512_000000382058_00245_27353_3012.N1	24-MAY-2007 23:45:12	Bright	37.500	83		2.3780	11000.	75	27353	No
319	GOM_NL__2PRFIN20070524_234822_000000362058_00245_27353_3013.N1	24-MAY-2007 23:48:22	Bright	35.500	180	27Gam Boo	3.0400	8000.0	71	27353	No
320	GOM_NL__2PRFIN20070524_235622_000000392058_00245_27353_3014.N1	24-MAY-2007 23:56:22	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	27353	No
321	GOM_NL__2PRFIN20070524_235833_000000382058_00245_27353_3015.N1	24-MAY-2007 23:58:33	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	27353	No

3. Quality information per product

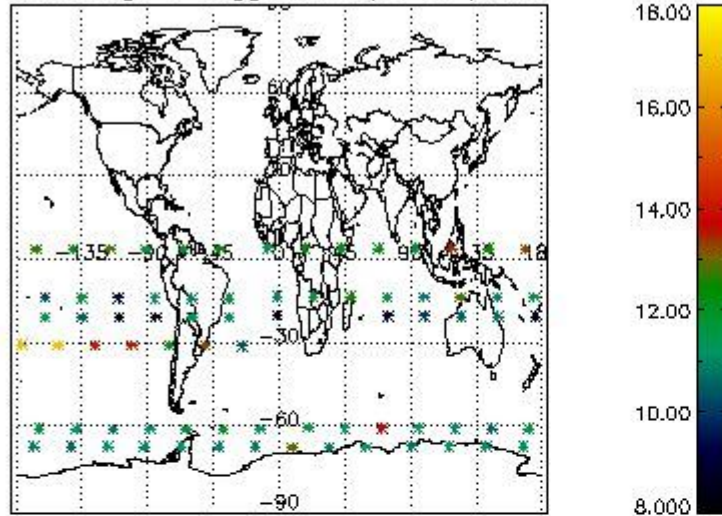
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

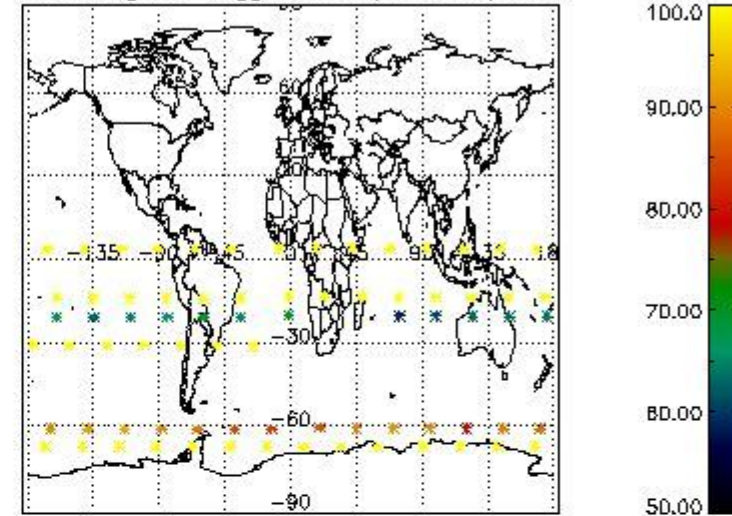


3.2 Plot quality information per product (world map)

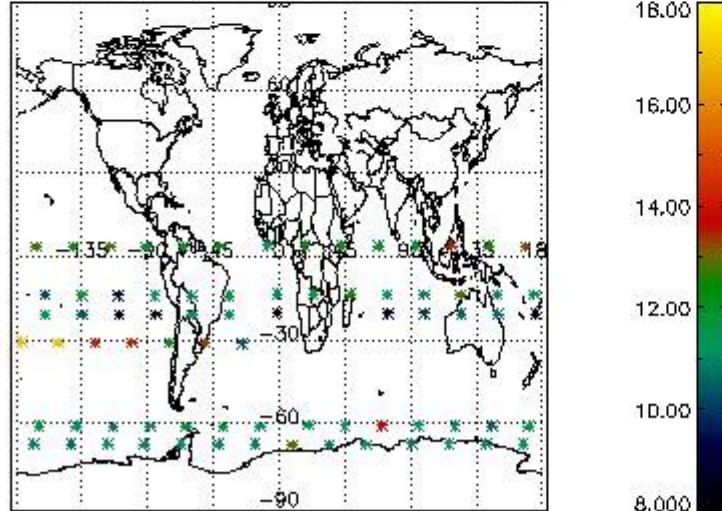
Percentage of flagged data per O3 profile



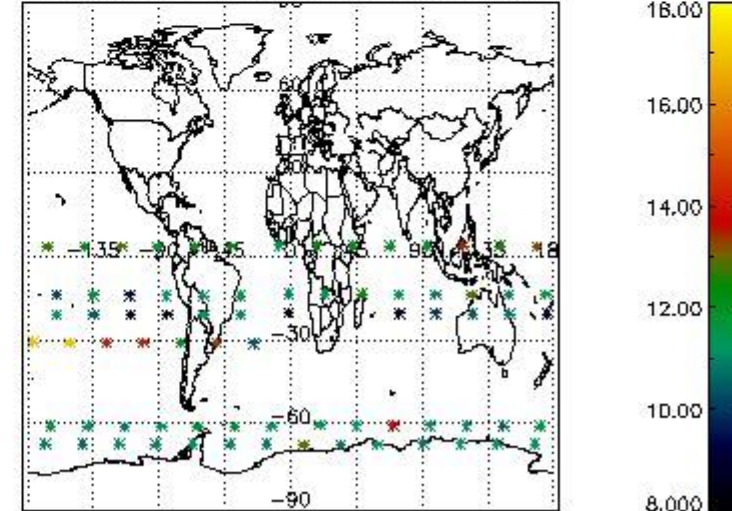
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

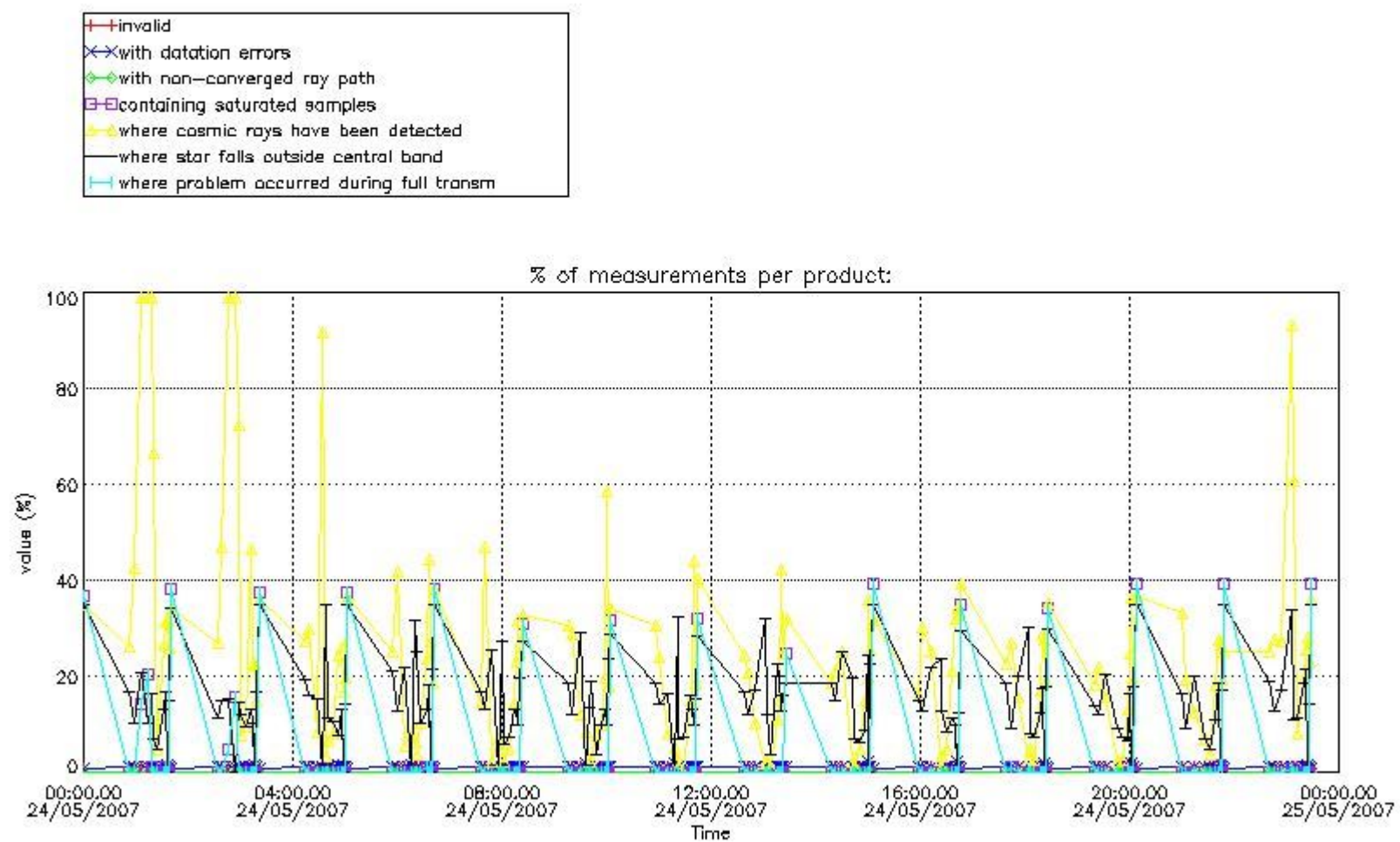


4. Level 1 quality information per product

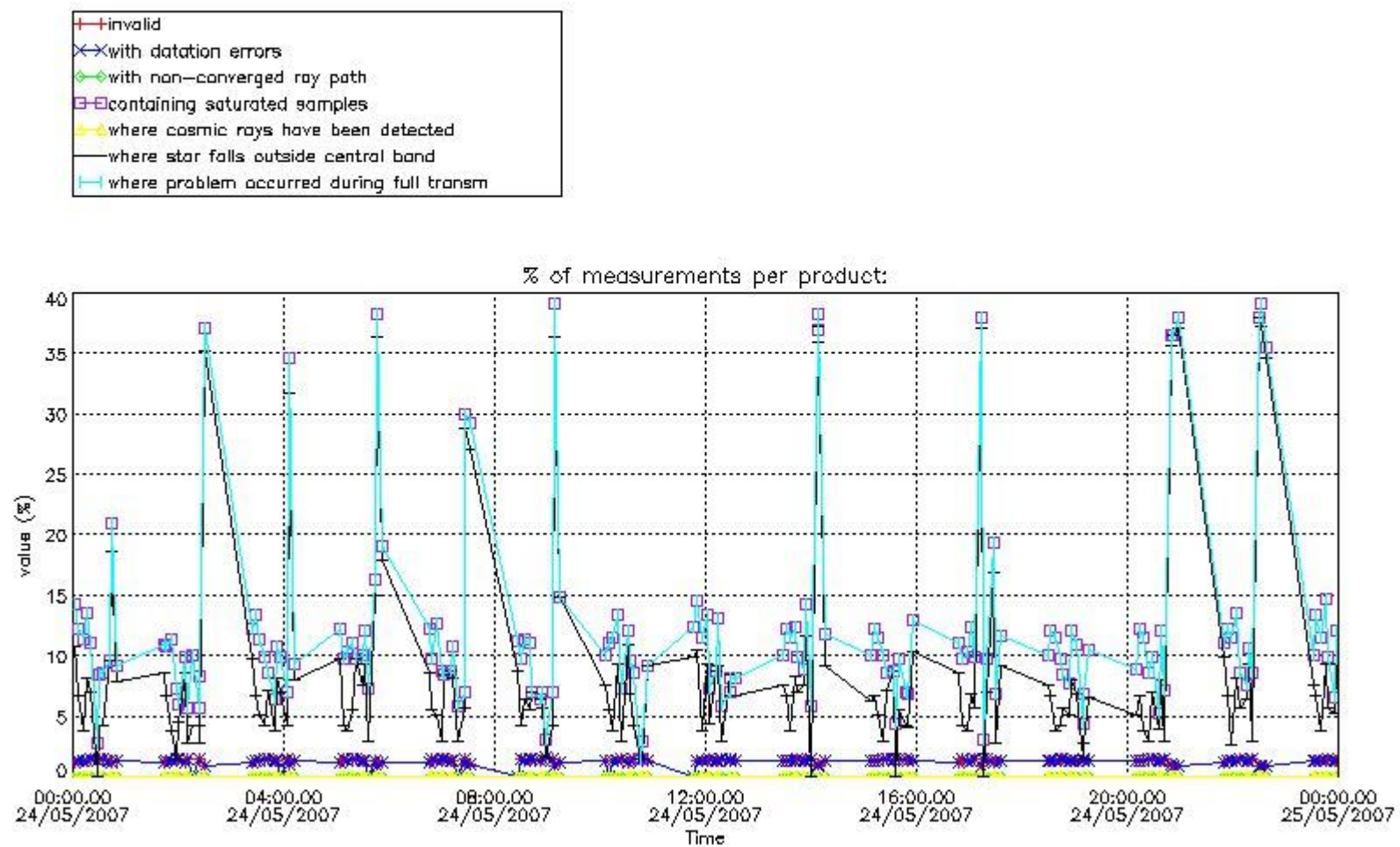
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

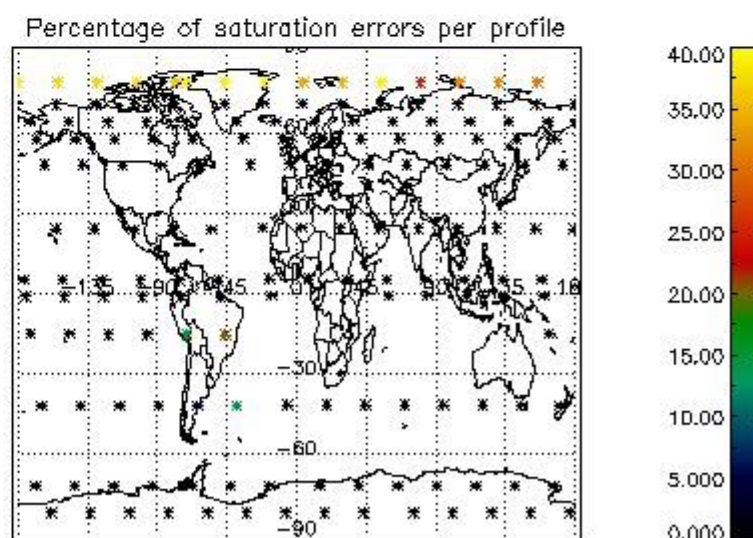
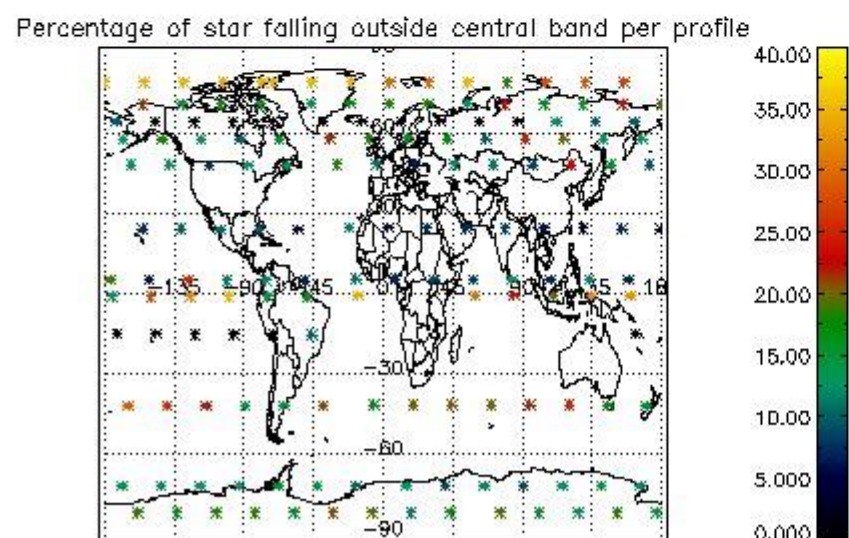
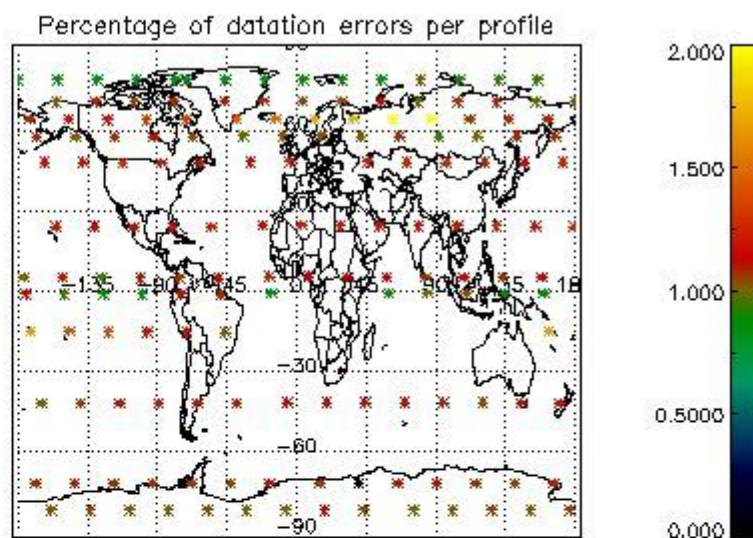
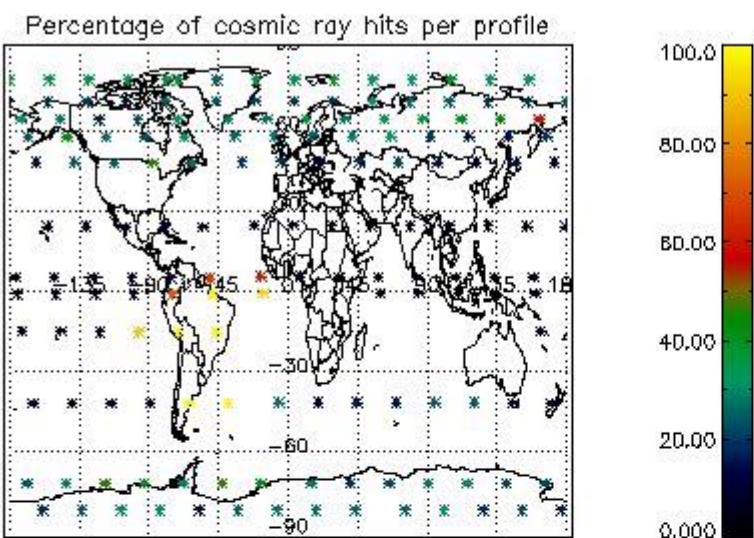


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

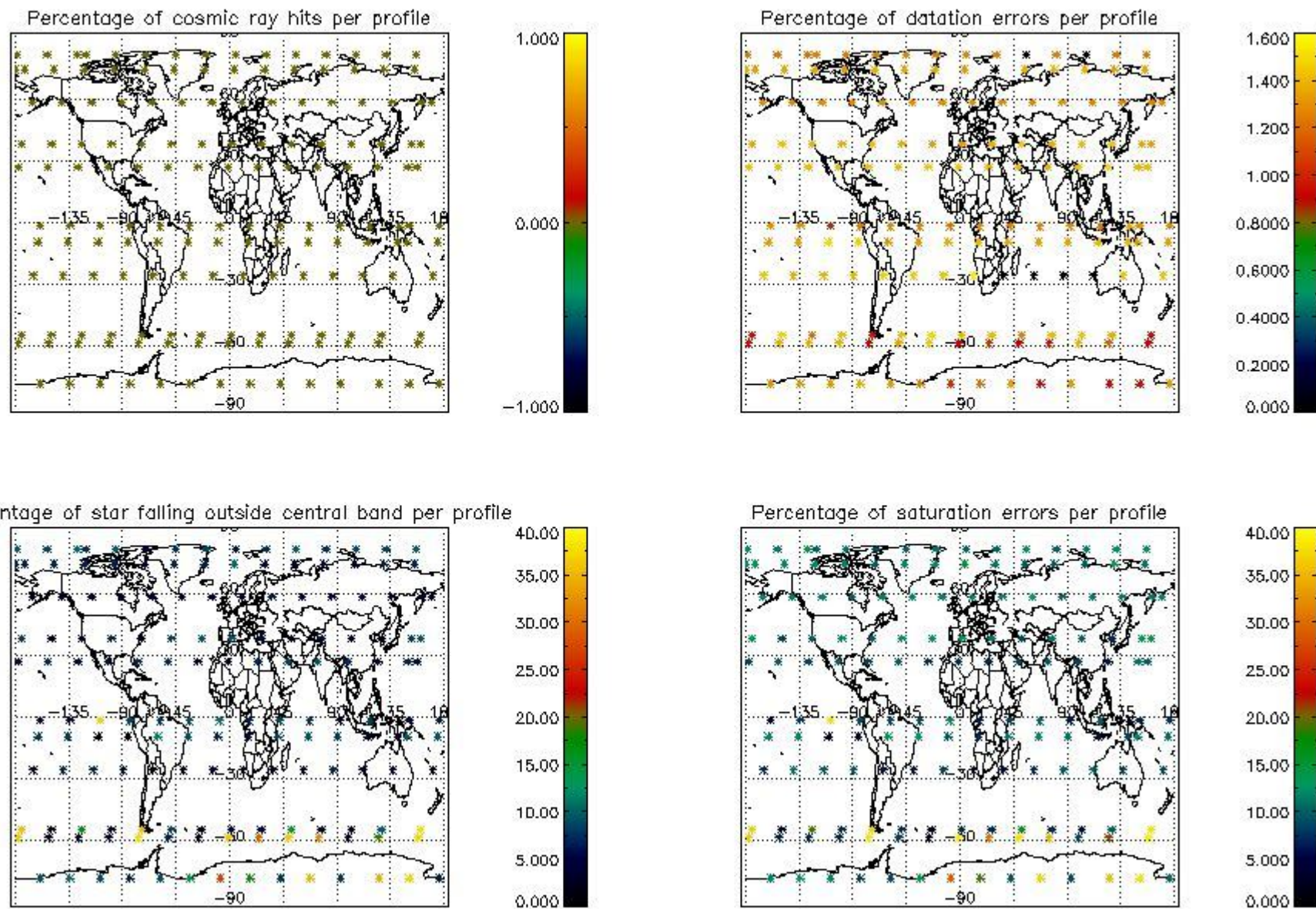


4.2 Plot quality information per product coming from level 1b processing (world map)

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

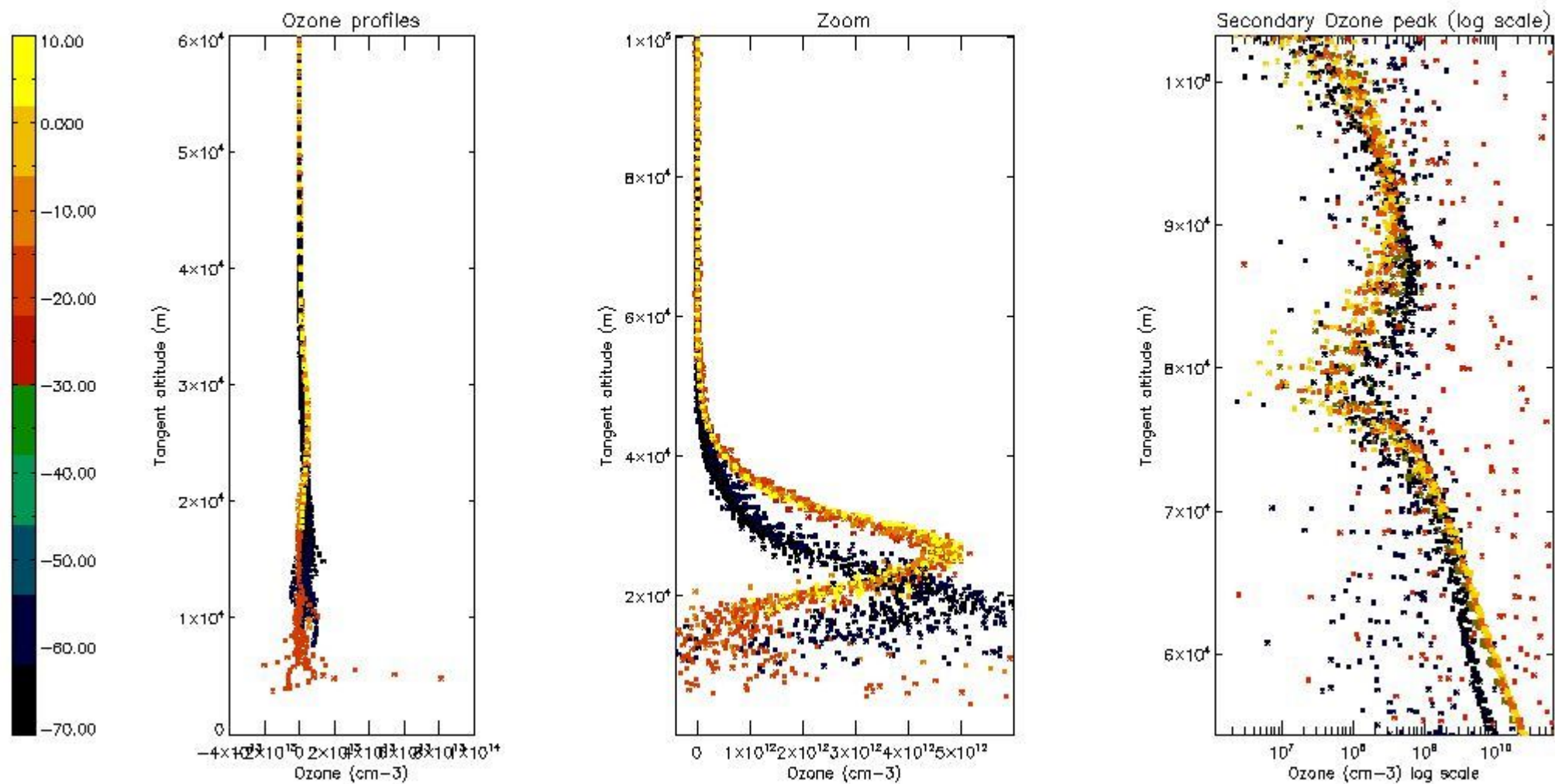
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	26
STD < 20	13

STD < 10	10
STD < 5	7

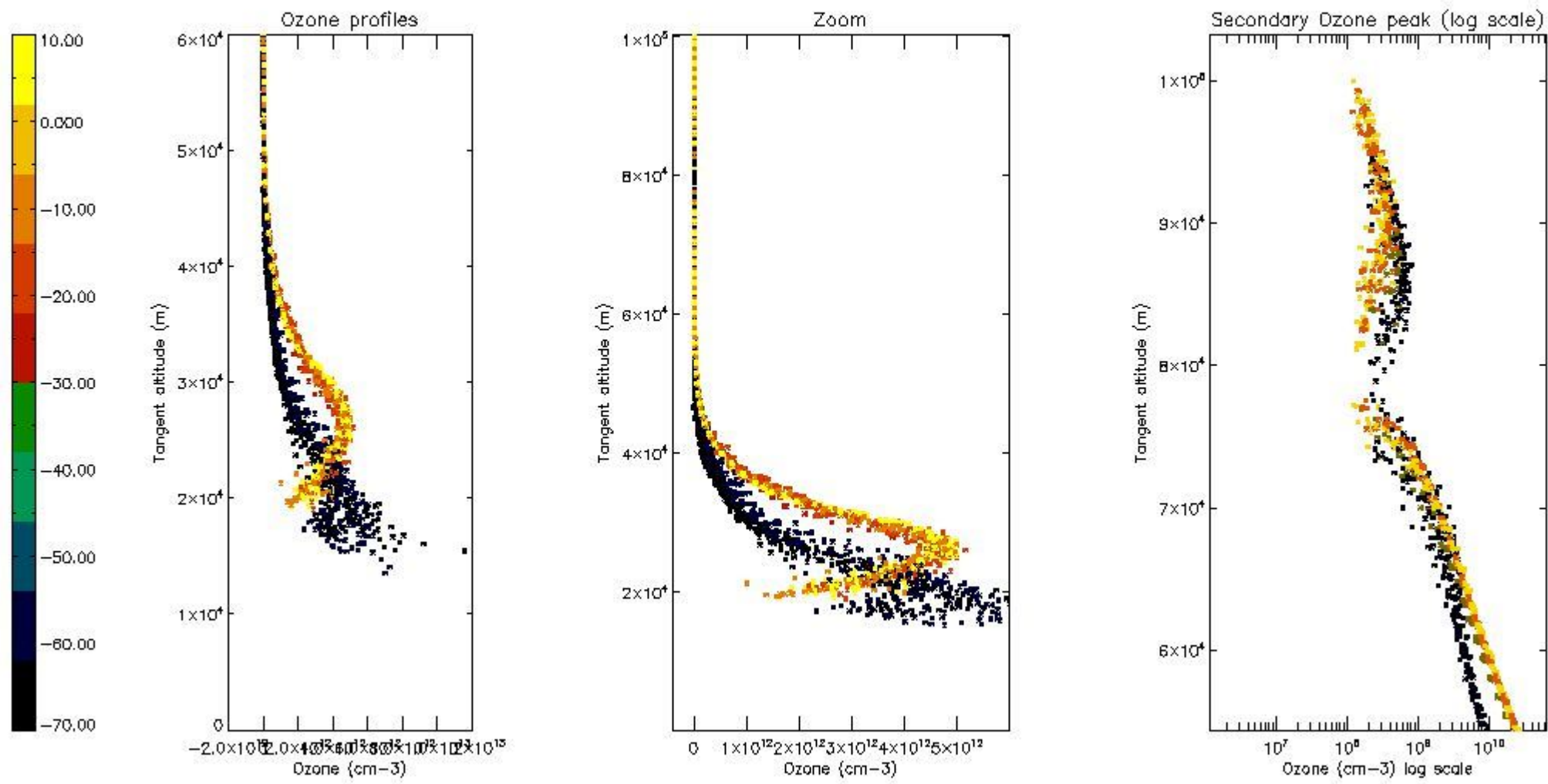
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



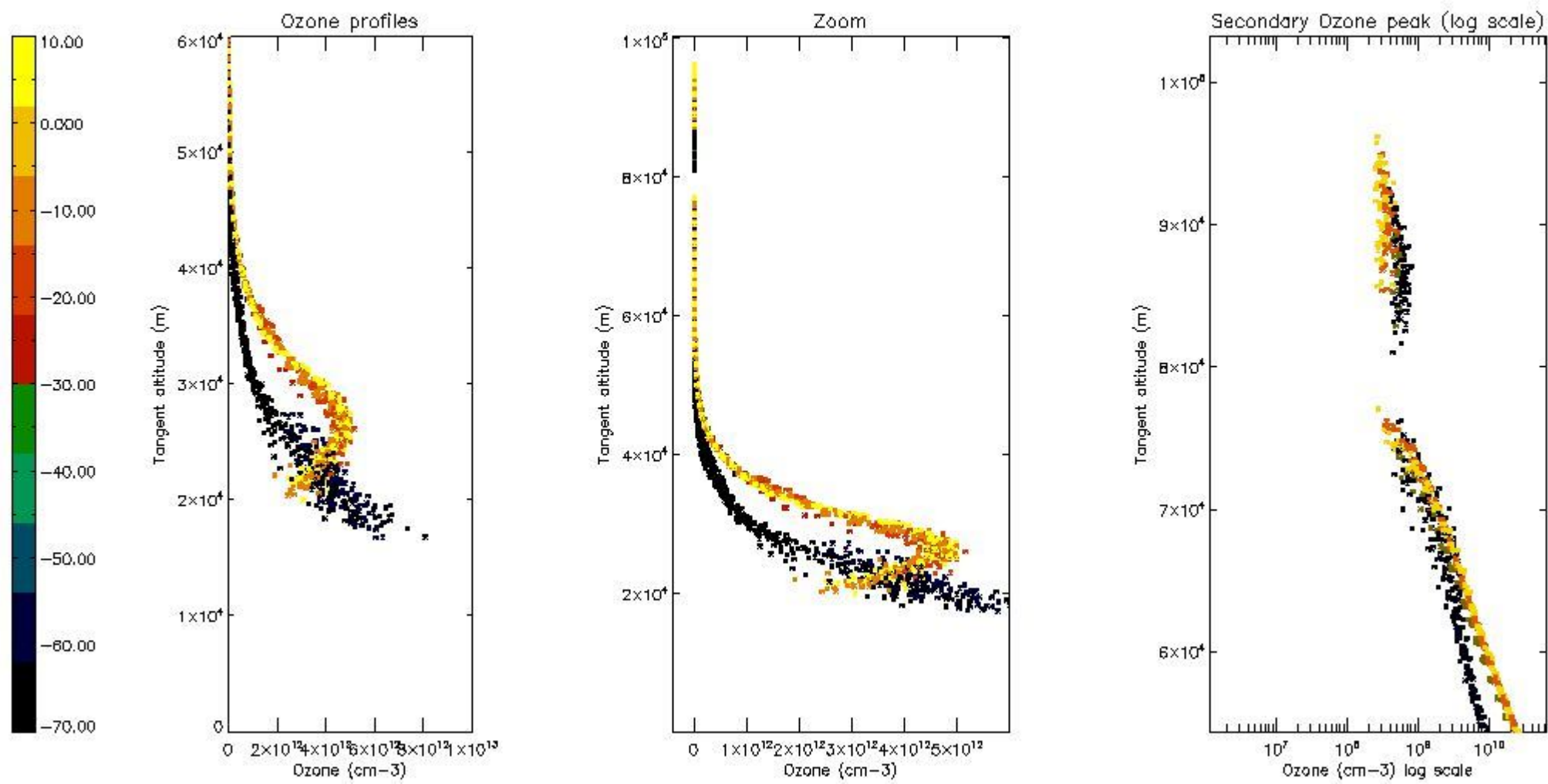
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



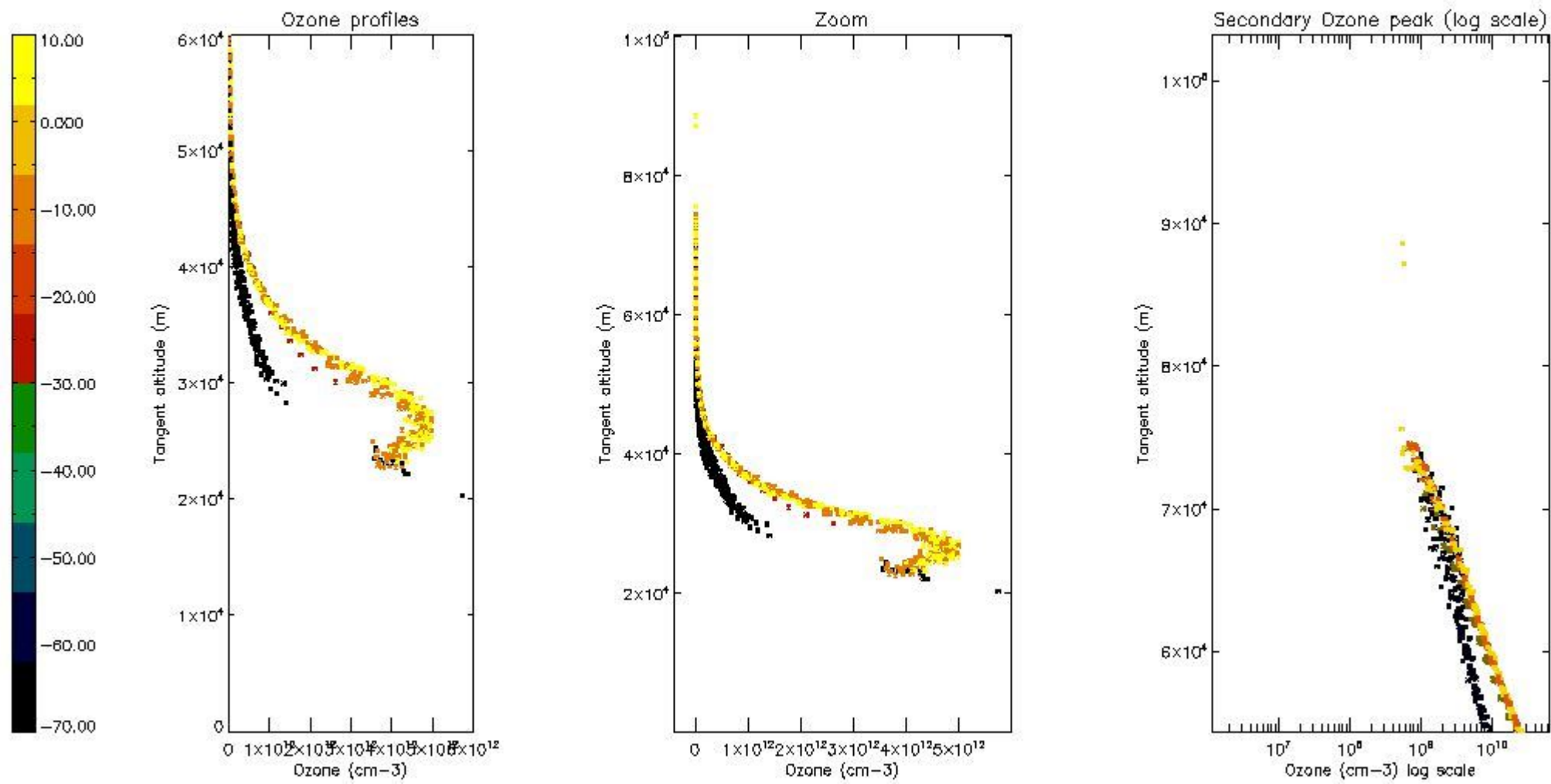
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



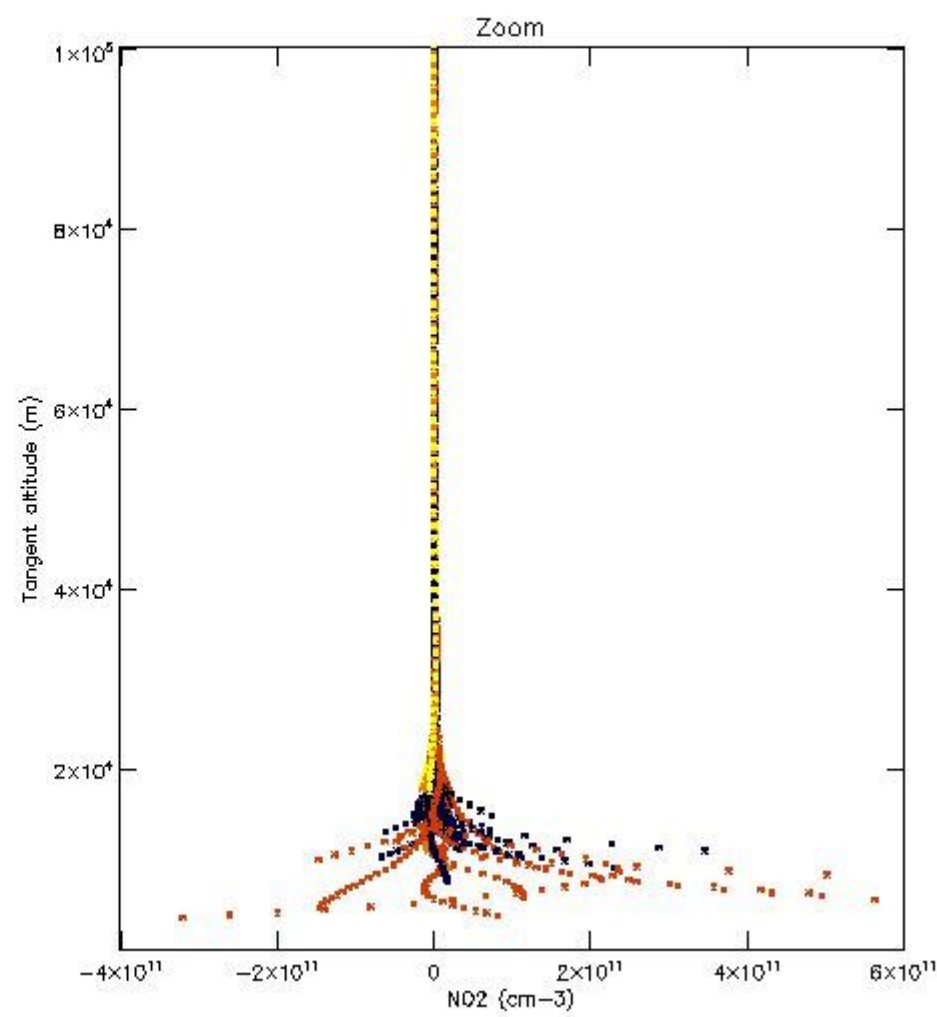
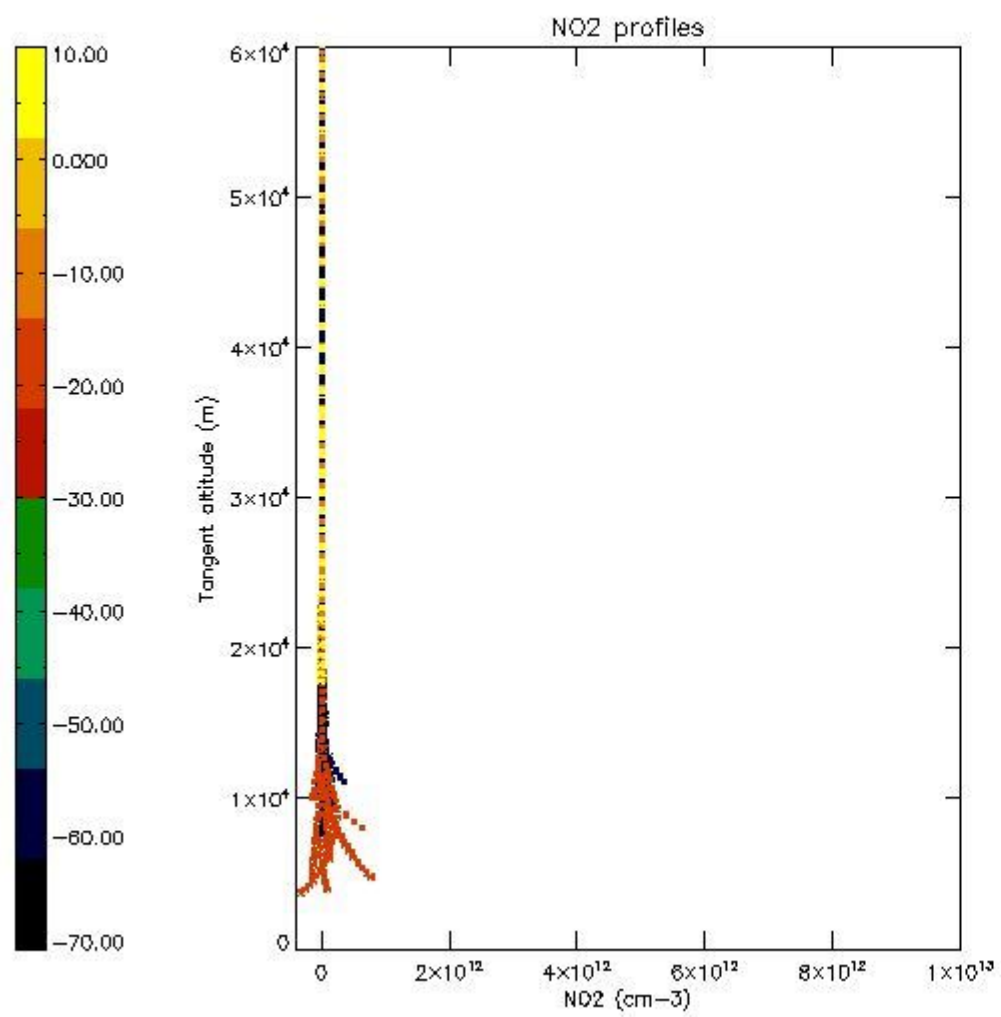
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



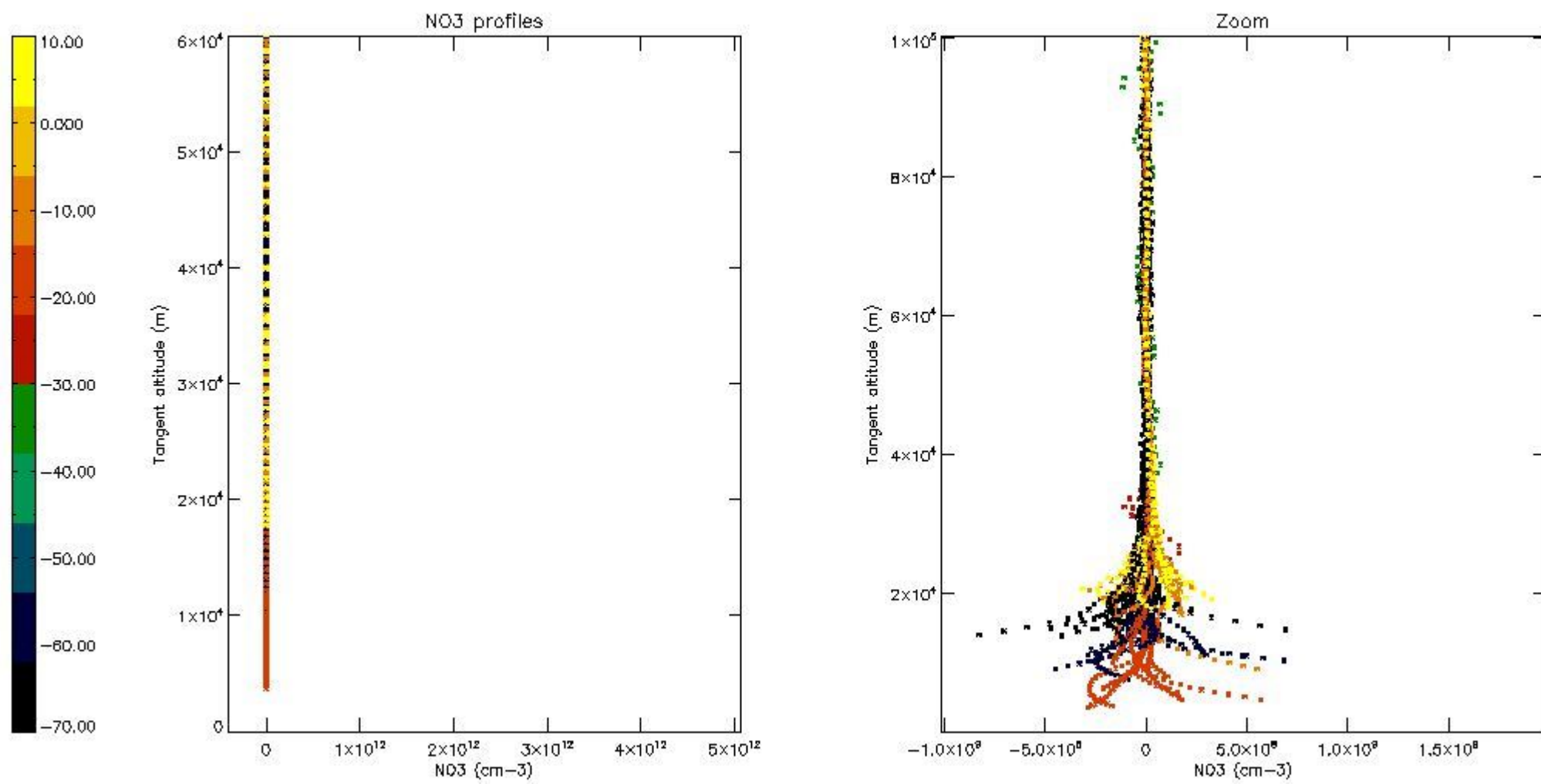
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



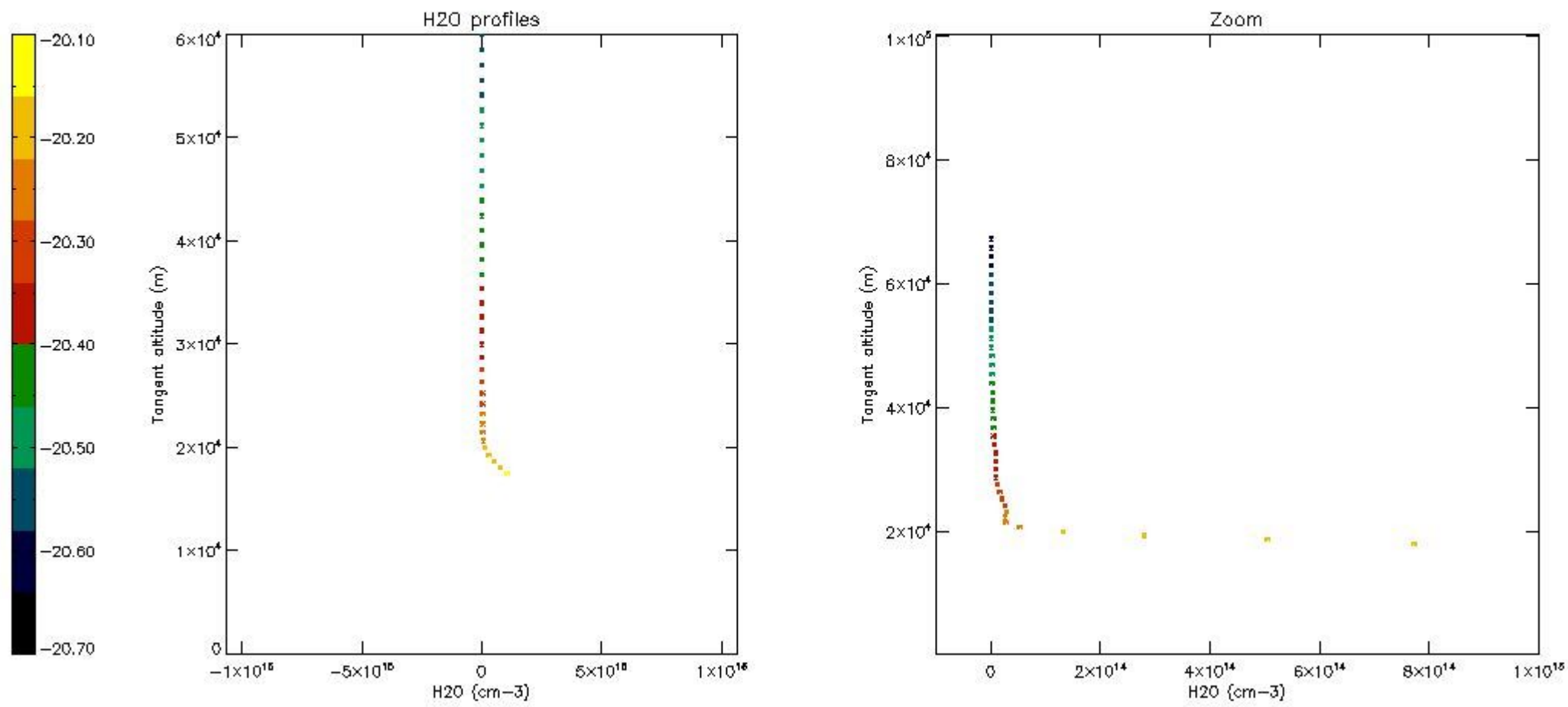
5.7 Plot NO3 profiles for all STD (dark without errors)

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	24-MAY-2007 00:00:20
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	24-MAY-2007 00:00:20
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	24-MAY-2007 00:00:20

GOMOS Level 2 Daily Report

SUMMARY

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

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

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

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

[5.4. Plot ozone profiles where STD < 10% \(dark without errors\)](#)

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

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

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

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

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

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

Item	Value
Time of report generation	22APR2013 19:56:19
Data source version	GOMOS/6.01
Start time of products	24-05-2007 (24MAY2007 00:00:00)
Stop time of products	25-05-2007 (25MAY2007 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	321
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__2PRFIN20070524_000020_000000602058_00231_27339_2712.N1	24-MAY-2007 00:00:20	Bright	60.000	16	21Alp Sco	1.0200	3000.0	120	27339	No
2	GOM_NL__2PRFIN20070524_000244_000000422058_00231_27339_2713.N1	24-MAY-2007 00:02:44	Bright	42.000	97	8Bet1Sco	2.5610	30000.	84	27339	No
3	GOM_NL__2PRFIN20070524_000614_000000372058_00231_27339_2714.N1	24-MAY-2007 00:06:14	Bright	37.000	104	27Bet Lib	2.6140	13100.	74	27339	No
4	GOM_NL__2PRFIN20070524_001104_000000402058_00231_27339_2715.N1	24-MAY-2007 00:11:04	Bright	39.500	102	24Alp Ser	2.6000	4250.0	79	27339	No
5	GOM_NL__2PRFIN20070524_001649_000000372058_00231_27339_2716.N1	24-MAY-2007 00:16:49	Bright	37.000	83		2.3780	11000.	74	27339	No
6	GOM_NL__2PRFIN20070524_001959_000000362058_00231_27339_2717.N1	24-MAY-2007 00:19:59	Bright	36.000	180	27Gam Boo	3.0400	8000.0	72	27339	No
7	GOM_NL__2PRFIN20070524_002805_000000372058_00231_27339_2718.N1	24-MAY-2007 00:28:05	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	27339	No
8	GOM_NL__2PRFIN20070524_003011_000000362058_00231_27339_2719.N1	24-MAY-2007 00:30:11	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	27339	No
9	GOM_NL__2PRFIN20070524_003446_000000352058_00231_27339_2720.N1	24-MAY-2007 00:34:46	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	27339	No
10	GOM_NL__2PRFIN20070524_004256_000000372058_00231_27339_2721.N1	24-MAY-2007 00:42:56	Bright	36.500	76	27Gam Cas	2.3000	30000.	73	27339	No
11	GOM_NL__2PRFIN20070524_004408_000000432058_00231_27339_2722.N1	24-MAY-2007 00:44:08	Bright	43.000	68	18Alp Cas	2.2250	4500.0	86	27339	No
12	GOM_NL__2PRFIN20070524_005020_000000382058_00231_27339_2723.N1	24-MAY-2007 00:50:20	Bright	38.000	53	43Bet And	2.0480	3300.0	76	27339	No
13	GOM_NL__2PRFIN20070524_005252_000000482058_00231_27339_2724.N1	24-MAY-2007 00:52:52	Twi_and_stray	48.000	58	21Alp And	2.0730	11000.	96	27339	No
14	GOM_NL__2PRFIN20070524_005719_000000452058_00231_27339_2725.N1	24-MAY-2007 00:57:19	Dark	44.500	140	88Gam Peg	2.8340	26000.	89	27339	No
15	GOM_NL__2PRFIN20070524_010608_000000462058_00231_27339_2726.N1	24-MAY-2007 01:06:08	Dark	45.500	52	16Bet Cet	2.0370	4500.0	91	27339	No
16	GOM_NL__2PRFIN20070524_011337_000000492058_00231_27339_2727.N1	24-MAY-2007 01:13:37	Dark	49.000	18	24Alp PsA	1.1660	9700.0	98	27339	No
17	GOM_NL__2PRFIN20070524_011736_000000462058_00231_27339_2728.N1	24-MAY-2007 01:17:36	Dark	46.000	63	Bet Gru	2.1500	2800.0	92	27339	No
18	GOM_NL__2PRFIN20070524_011917_000000442058_00232_27340_2718.N1	24-MAY-2007 01:19:17	Dark	43.500	31	Alp Gru	1.7340	15200.	87	27340	No
19	GOM_NL__2PRFIN20070524_012439_000000412058_00232_27340_2719.N1	24-MAY-2007 01:24:39	Dark	41.000	45	Alp Pav	1.9400	26000.	82	27340	No
20	GOM_NL__2PRFIN20070524_013126_000000422058_00232_27340_2720.N1	24-MAY-2007 01:31:26	Straylight	41.500	141	Bet Ara	2.8400	4600.0	83	27340	No
21	GOM_NL__2PRFIN20070524_013412_000000482058_00232_27340_2721.N1	24-MAY-2007 01:34:12	Straylight	48.000	40	The Sco	1.8590	7100.0	96	27340	No
22	GOM_NL__2PRFIN20070524_013605_000000382058_00232_27340_2722.N1	24-MAY-2007 01:36:05	Straylight	38.000	115	34Ups Sco	2.6960	26000.	76	27340	No
23	GOM_NL__2PRFIN20070524_013805_000000472058_00232_27340_2723.N1	24-MAY-2007 01:38:05	Twi_and_stray	46.500	75	26Eps Sco	2.2910	4250.0	93	27340	No
24	GOM_NL__2PRFIN20070524_014056_000000602058_00232_27340_2724.N1	24-MAY-2007 01:40:56	Bright	60.000	16	21Alp Sco	1.0200	3000.0	120	27340	No
25	GOM_NL__2PRFIN20070524_014320_000000412058_00232_27340_2725.N1	24-MAY-2007 01:43:20	Bright	41.000	97	8Bet1Sco	2.5610	30000.	82	27340	No
26	GOM_NL__2PRFIN20070524_014649_000000372058_00232_27340_2726.N1	24-MAY-2007 01:46:49	Bright	37.000	104	27Bet Lib	2.6140	13100.	74	27340	No
27	GOM_NL__2PRFIN20070524_015140_000000402058_00232_27340_2727.N1	24-MAY-2007 01:51:40	Bright	39.500	102	24Alp Ser	2.6000	4250.0	79	27340	No
28	GOM_NL__2PRFIN20070524_015725_000000352058_00232_27340_2728.N1	24-MAY-2007 01:57:25	Bright	34.500	83		2.3780	11000.	69	27340	No
29	GOM_NL__2PRFIN20070524_020035_000000342058_00232_27340_2729.N1	24-MAY-2007 02:00:35	Bright	33.500	180	27Gam Boo	3.0400	8000.0	67	27340	No
30	GOM_NL__2PRFIN20070524_020840_000000412058_00232_27340_2730.N1	24-MAY-2007 02:08:40	Bright	40.500	119	14Eta Dra	2.7270	4700.0	81	27340	No
31	GOM_NL__2PRFIN20070524_021047_000000362058_00232_27340_2731.N1	24-MAY-2007 02:10:47	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	27340	No
32	GOM_NL__2PRFIN20070524_021521_000000352058_00232_27340_2732.N1	24-MAY-2007 02:15:21	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	27340	No
33	GOM_NL__2PRFIN20070524_022332_000000352058_00232_27340_2733.N1	24-MAY-2007 02:23:32	Bright	35.000	76	27Gam Cas	2.3000	30000.	70	27340	No
34	GOM_NL__2PRFIN20070524_022444_000000362058_00232_27340_2734.N1	24-MAY-2007 02:24:44	Bright	36.000	68	18Alp Cas	2.2250	4500.0	72	27340	No
35	GOM_NL__2PRFIN20070524_023056_000000542058_00232_27340_2735.N1	24-MAY-2007 02:30:56	Bright	54.000	53	43Bet And	2.0480	3300.0	108	27340	No
36	GOM_NL__2PRFIN20070524_023329_000000452058_00232_27340_2736.N1	24-MAY-2007 02:33:29	Twi_and_stray	44.500	58	21Alp And	2.0730	11000.	89	27340	No
37	GOM_NL__2PRFIN20070524_023756_000000472058_00232_27340_2737.N1	24-MAY-2007 02:37:56	Dark	47.000	140	88Gam Peg	2.8340	26000.	94	27340	No
38	GOM_NL__2PRFIN20070524_024644_000000432058_00232_27340_2738.N1	24-MAY-2007 02:46:44	Dark	42.500	52	16Bet Cet	2.0370	4500.0	85	27340	No
39	GOM_NL__2PRFIN20070524_025414_000000422058_00232_27340_2739.N1	24-MAY-2007 02:54:14	Dark	42.000	18	24Alp PsA	1.1660	9700.0	84	27340	No
40	GOM_NL__2PRFIN20070524_025812_000000452058_00232_27340_2740.N1	24-MAY-2007 02:58:12	Dark	45.000	63	Bet Gru	2.1500	2800.0	90	27340	No
41	GOM_NL__2PRFIN20070524_025953_000000462058_00233_27341_2734.N1	24-MAY-2007 02:59:53	Dark	46.000	31	Alp Gru	1.7340	15200.	92	27341	No
42	GOM_NL__2PRFIN20070524_030516_000000432058_00233_27341_2735.N1	24-MAY-2007 03:05:16	Dark	42.500	45	Alp Pav	1.9400	26000.	85	27341	No

43	GOM_NL__2PRFIN20070524_031202_000000422058_00233_27341_2736.N1	24-MAY-2007 03:12:02	Straylight	42.000	141	Bet Ara	2.8400	4600.0	84	27341	No
44	GOM_NL__2PRFIN20070524_031448_000000452058_00233_27341_2737.N1	24-MAY-2007 03:14:48	Straylight	45.000	40	The Sco	1.8590	7100.0	90	27341	No
45	GOM_NL__2PRFIN20070524_031641_000000382058_00233_27341_2738.N1	24-MAY-2007 03:16:41	Straylight	38.000	115	34Ups Sco	2.6960	26000.	76	27341	No
46	GOM_NL__2PRFIN20070524_031841_000000482058_00233_27341_2739.N1	24-MAY-2007 03:18:41	Twi_and_stray	47.500	75	26Eps Sco	2.2910	4250.0	95	27341	No
47	GOM_NL__2PRFIN20070524_032133_000000602058_00233_27341_2740.N1	24-MAY-2007 03:21:33	Bright	60.000	16	21Alp Sco	1.0200	3000.0	120	27341	No
48	GOM_NL__2PRFIN20070524_032356_000000412058_00233_27341_2741.N1	24-MAY-2007 03:23:56	Bright	41.000	97	8Bet1Sco	2.5610	30000.	82	27341	No
49	GOM_NL__2PRFIN20070524_032726_000000382058_00233_27341_2742.N1	24-MAY-2007 03:27:26	Bright	37.500	104	27Bet Lib	2.6140	13100.	75	27341	No
50	GOM_NL__2PRFIN20070524_033216_000000402058_00233_27341_2743.N1	24-MAY-2007 03:32:16	Bright	39.500	102	24Alp Ser	2.6000	4250.0	79	27341	No
51	GOM_NL__2PRFIN20070524_033801_000000362058_00233_27341_2744.N1	24-MAY-2007 03:38:01	Bright	35.500	83		2.3780	11000.	71	27341	No
52	GOM_NL__2PRFIN20070524_034111_000000352058_00233_27341_2745.N1	24-MAY-2007 03:41:11	Bright	35.000	180	27Gam Boo	3.0400	8000.0	70	27341	No
53	GOM_NL__2PRFIN20070524_034916_000000392058_00233_27341_2746.N1	24-MAY-2007 03:49:16	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	27341	No
54	GOM_NL__2PRFIN20070524_035123_000000372058_00233_27341_2747.N1	24-MAY-2007 03:51:23	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	27341	No
55	GOM_NL__2PRFIN20070524_035557_000000362058_00233_27341_2748.N1	24-MAY-2007 03:55:57	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	27341	No
56	GOM_NL__2PRFIN20070524_040408_000000362058_00233_27341_2749.N1	24-MAY-2007 04:04:08	Bright	35.500	76	27Gam Cas	2.3000	30000.	71	27341	No
57	GOM_NL__2PRFIN20070524_040520_000000522058_00233_27341_2750.N1	24-MAY-2007 04:05:20	Bright	52.000	68	18Alp Cas	2.2250	4500.0	104	27341	No
58	GOM_NL__2PRFIN20070524_041132_000000382058_00233_27341_2751.N1	24-MAY-2007 04:11:32	Bright	37.500	53	43Bet And	2.0480	3300.0	75	27341	No
59	GOM_NL__2PRFIN20070524_041405_000000502058_00233_27341_2752.N1	24-MAY-2007 04:14:05	Twi_and_stray	49.500	58	21Alp And	2.0730	11000.	99	27341	No
60	GOM_NL__2PRFIN20070524_041832_000000472058_00233_27341_2753.N1	24-MAY-2007 04:18:32	Dark	47.000	140	88Gam Peg	2.8340	26000.	94	27341	No
61	GOM_NL__2PRFIN20070524_042721_000000432058_00233_27341_2754.N1	24-MAY-2007 04:27:21	Dark	42.500	52	16Bet Cet	2.0370	4500.0	85	27341	No
62	GOM_NL__2PRFIN20070524_043451_000000422058_00233_27341_2755.N1	24-MAY-2007 04:34:51	Dark	42.000	18	24Alp PsA	1.1660	9700.0	84	27341	No
63	GOM_NL__2PRFIN20070524_043849_000000592058_00233_27341_2756.N1	24-MAY-2007 04:38:49	Dark	58.500	63	Bet Gru	2.1500	2800.0	117	27341	No
64	GOM_NL__2PRFIN20070524_044030_000000452058_00234_27342_2750.N1	24-MAY-2007 04:40:30	Dark	45.000	31	Alp Gru	1.7340	15200.	90	27342	No
65	GOM_NL__2PRFIN20070524_044552_000000432058_00234_27342_2751.N1	24-MAY-2007 04:45:52	Dark	43.000	45	Alp Pav	1.9400	26000.	86	27342	No
66	GOM_NL__2PRFIN20070524_045238_000000392058_00234_27342_2752.N1	24-MAY-2007 04:52:38	Straylight	39.000	141	Bet Ara	2.8400	4600.0	78	27342	No
67	GOM_NL__2PRFIN20070524_045525_000000462058_00234_27342_2753.N1	24-MAY-2007 04:55:25	Straylight	46.000	40	The Sco	1.8590	7100.0	92	27342	No
68	GOM_NL__2PRFIN20070524_045718_000000422058_00234_27342_2754.N1	24-MAY-2007 04:57:18	Straylight	42.000	115	34Ups Sco	2.6960	26000.	84	27342	No
69	GOM_NL__2PRFIN20070524_045918_000000462058_00234_27342_2755.N1	24-MAY-2007 04:59:18	Twi_and_stray	46.000	75	26Eps Sco	2.2910	4250.0	92	27342	No
70	GOM_NL__2PRFIN20070524_050209_000000602058_00234_27342_2756.N1	24-MAY-2007 05:02:09	Bright	60.000	16	21Alp Sco	1.0200	3000.0	120	27342	No
71	GOM_NL__2PRFIN20070524_050432_000000412058_00234_27342_2757.N1	24-MAY-2007 05:04:32	Bright	41.000	97	8Bet1Sco	2.5610	30000.	82	27342	No
72	GOM_NL__2PRFIN20070524_050802_000000362058_00234_27342_2758.N1	24-MAY-2007 05:08:02	Bright	36.000	104	27Bet Lib	2.6140	13100.	72	27342	No
73	GOM_NL__2PRFIN20070524_051251_000000392058_00234_27342_2759.N1	24-MAY-2007 05:12:51	Bright	39.000	102	24Alp Ser	2.6000	4250.0	78	27342	No
74	GOM_NL__2PRFIN20070524_051837_000000362058_00234_27342_2760.N1	24-MAY-2007 05:18:37	Bright	36.000	83		2.3780	11000.	72	27342	No
75	GOM_NL__2PRFIN20070524_052147_000000362058_00234_27342_2761.N1	24-MAY-2007 05:21:47	Bright	36.000	180	27Gam Boo	3.0400	8000.0	72	27342	No
76	GOM_NL__2PRFIN20070524_052951_000000402058_00234_27342_2762.N1	24-MAY-2007 05:29:51	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	27342	No
77	GOM_NL__2PRFIN20070524_053159_000000382058_00234_27342_2763.N1	24-MAY-2007 05:31:59	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	27342	No
78	GOM_NL__2PRFIN20070524_053633_000000352058_00234_27342_2764.N1	24-MAY-2007 05:36:33	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	27342	No
79	GOM_NL__2PRFIN20070524_054444_000000402058_00234_27342_2765.N1	24-MAY-2007 05:44:44	Bright	40.000	76	27Gam Cas	2.3000	30000.	80	27342	No
80	GOM_NL__2PRFIN20070524_054556_000000552058_00234_27342_2766.N1	24-MAY-2007 05:45:56	Bright	55.000	68	18Alp Cas	2.2250	4500.0	110	27342	No
81	GOM_NL__2PRFIN20070524_055208_000000422058_00234_27342_2767.N1	24-MAY-2007 05:52:08	Bright	42.000	53	43Bet And	2.0480	3300.0	84	27342	No
82	GOM_NL__2PRFIN20070524_055441_000000502058_00234_27342_2768.N1	24-MAY-2007 05:54:41	Twi_and_stray	50.000	58	21Alp And	2.0730	11000.	100	27342	No
83	GOM_NL__2PRFIN20070524_055908_000000472058_00234_27342_2769.N1	24-MAY-2007 05:59:08	Dark	46.500	140	88Gam Peg	2.8340	26000.	93	27342	No
84	GOM_NL__2PRFIN20070524_060757_000000462058_00234_27342_2770.N1	24-MAY-2007 06:07:57	Dark	45.500	52	16Bet Cet	2.0370	4500.0	91	27342	No
85	GOM_NL__2PRFIN20070524_061528_000000362058_00234_27342_2771.N1	24-MAY-2007 06:15:28	Dark	36.000	18	24Alp PsA	1.1660	9700.0	72	27342	No
86	GOM_NL__2PRFIN20070524_061926_000000572058_00234_27342_2772.N1	24-MAY-2007 06:19:26	Dark	57.000	63	Bet Gru	2.1500	2800.0	114	27342	No
87	GOM_NL__2PRFIN20070524_062107_000000542058_00235_27343_2802.N1	24-MAY-2007 06:21:07	Dark	53.500	31	Alp Gru	1.7340	15200.	107	27343	No
88	GOM_NL__2PRFIN20070524_062629_000000442058_00235_27343_2803.N1	24-MAY-2007 06:26:29	Dark	43.500	45	Alp Pav	1.9400	26000.	87	27343	No
89	GOM_NL__2PRFIN20070524_063315_000000422058_00235_27343_2804.N1	24-MAY-2007 06:33:15	Straylight	42.000	141	Bet Ara	2.8400	4600.0	84	27343	No
90	GOM_NL__2PRFIN20070524_063602_000000502058_00235_27343_2805.N1	24-MAY-2007 06:36:02	Straylight	49.500	40	The Sco	1.8590	7100.0	99	27343	No
91	GOM_NL__2PRFIN20070524_063754_000000422058_00235_27343_2806.N1	24-MAY-2007 06:37:54	Straylight	42.000	115	34Ups Sco	2.6960	26000.	84	27343	No
92	GOM_NL__2PRFIN20070524_063954_000000492058_00235_27343_2807.N1	24-MAY-2007 06:39:54	Twi_and_stray	49.000	75	26Eps Sco	2.2910	4250.0	98	27343	No
93	GOM_NL__2PRFIN20070524_064245_000000602058_00235_27343_2808.N1	24-MAY-2007 06:42:45	Bright	60.000	16	21Alp Sco	1.0200	3000.0	120	27343	No
94	GOM_NL__2PRFIN20070524_064508_000000412058_00235_27343_2809.N1	24-MAY-2007 06:45:08	Bright	41.000	97	8Bet1Sco	2.5610	30000.	82	27343	No
95	GOM_NL__2PRFIN20070524_064838_000000362058_00235_27343_2810.N1	24-MAY-2007 06:48:38	Bright	36.000	104	27Bet Lib	2.6140	13100.	72	27343	No
96	GOM_NL__2PRFIN20070524_065327_000000402058_00235_27343_2811.N1	24-MAY-2007 06:53:27	Bright	39.500	102	24Alp Ser	2.6000	4250.0	79	27343	No
97	GOM_NL__2PRFIN20070524_065913_000000352058_00235_27343_2812.N1	24-MAY-2007 06:59:13	Bright	34.500	83		2.3780	11000.	69	27343	No
98	GOM_NL__2PRFIN20070524_070223_000000362058_00235_27343_2813.N1	24-MAY-2007 07:02:23	Bright	35.500	180	27Gam Boo	3.0400	8000.0	71	27343	No
99	GOM_NL__2PRFIN20070524_071027_000000402058_00235_27343_2814.N1	24-MAY-2007 07:10:27	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	27343	No
100	GOM_NL__2PRFIN20070524_071235_000000372058_00235_27343_2815.N1	24-MAY-2007 07:12:35	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	27343	No
101	GOM_NL__2PRFIN20070524_071709_000000342058_00235_27343_2816.N1	24-MAY-2007 07:17:09	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	27343	No

102	GOM_NL__2PRFIN20070524_072520_000000362058_00235_27343_2817.N1	24-MAY-2007 07:25:20	Bright	35.500	76	27Gam Cas	2.3000	30000.	71	27343	No
103	GOM_NL__2PRFIN20070524_072632_000000492058_00235_27343_2818.N1	24-MAY-2007 07:26:32	Bright	48.500	68	18Alp Cas	2.2250	4500.0	97	27343	No
104	GOM_NL__2PRFIN20070524_073245_000000482058_00235_27343_2819.N1	24-MAY-2007 07:32:45	Bright	48.000	53	43Bet And	2.0480	3300.0	96	27343	No
105	GOM_NL__2PRFIN20070524_073517_000000482058_00235_27343_2820.N1	24-MAY-2007 07:35:17	Tw_i_and_stray	48.000	58	21Alp And	2.0730	11000.	96	27343	No
106	GOM_NL__2PRFIN20070524_073945_000000462058_00235_27343_2821.N1	24-MAY-2007 07:39:45	Dark	46.000	140	88Gam Peg	2.8340	26000.	92	27343	No
107	GOM_NL__2PRFIN20070524_074834_000000472058_00235_27343_2822.N1	24-MAY-2007 07:48:34	Dark	47.000	52	16Bet Cet	2.0370	4500.0	94	27343	No
108	GOM_NL__2PRFIN20070524_075605_000000362058_00235_27343_2823.N1	24-MAY-2007 07:56:05	Dark	36.000	18	24Alp PsA	1.1660	9700.0	72	27343	No
109	GOM_NL__2PRFIN20070524_080003_000000532058_00235_27343_2824.N1	24-MAY-2007 08:00:03	Dark	53.000	63	Bet Gru	2.1500	2800.0	106	27343	No
110	GOM_NL__2PRFIN20070524_080144_000000432058_00236_27344_2830.N1	24-MAY-2007 08:01:44	Dark	43.000	31	Alp Gru	1.7340	15200.	86	27344	No
111	GOM_NL__2PRFIN20070524_080706_000000422058_00236_27344_2831.N1	24-MAY-2007 08:07:06	Dark	41.500	45	Alp Pav	1.9400	26000.	83	27344	No
112	GOM_NL__2PRFIN20070524_081351_000000422058_00236_27344_2832.N1	24-MAY-2007 08:13:51	Straylight	41.500	141	Bet Ara	2.8400	4600.0	83	27344	No
113	GOM_NL__2PRFIN20070524_081638_000000462058_00236_27344_2833.N1	24-MAY-2007 08:16:38	Straylight	46.000	40	The Sco	1.8590	7100.0	92	27344	No
114	GOM_NL__2PRFIN20070524_081831_000000462058_00236_27344_2834.N1	24-MAY-2007 08:18:31	Straylight	46.000	115	34Ups Sco	2.6960	26000.	92	27344	No
115	GOM_NL__2PRFIN20070524_082030_000000492058_00236_27344_2835.N1	24-MAY-2007 08:20:30	Tw_i_and_stray	48.500	75	26Eps Sco	2.2910	4250.0	97	27344	No
116	GOM_NL__2PRFIN20070524_082321_000000542058_00236_27344_2836.N1	24-MAY-2007 08:23:21	Bright	53.500	16	21Alp Sco	1.0200	3000.0	107	27344	No
117	GOM_NL__2PRFIN20070524_082545_000000402058_00236_27344_2837.N1	24-MAY-2007 08:25:45	Bright	40.000	97	8Bet1Sco	2.5610	30000.	80	27344	No
118	GOM_NL__2PRFIN20070524_082914_000000362058_00236_27344_2838.N1	24-MAY-2007 08:29:14	Bright	36.000	104	27Bet Lib	2.6140	13100.	72	27344	No
119	GOM_NL__2PRFIN20070524_083403_000000402058_00236_27344_2839.N1	24-MAY-2007 08:34:03	Bright	39.500	102	24Alp Ser	2.6000	4250.0	79	27344	No
120	GOM_NL__2PRFIN20070524_083949_000000362058_00236_27344_2840.N1	24-MAY-2007 08:39:49	Bright	36.000	83		2.3780	11000.	72	27344	No
121	GOM_NL__2PRFIN20070524_084259_000000362058_00236_27344_2841.N1	24-MAY-2007 08:42:59	Bright	35.500	180	27Gam Boo	3.0400	8000.0	71	27344	No
122	GOM_NL__2PRFIN20070524_085103_000000392058_00236_27344_2842.N1	24-MAY-2007 08:51:03	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	27344	No
123	GOM_NL__2PRFIN20070524_085311_000000362058_00236_27344_2843.N1	24-MAY-2007 08:53:11	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	27344	No
124	GOM_NL__2PRFIN20070524_085745_000000332058_00236_27344_2844.N1	24-MAY-2007 08:57:45	Bright	32.500	49	1Alp UMi	1.9900	6300.0	65	27344	No
125	GOM_NL__2PRFIN20070524_090556_000000362058_00236_27344_2845.N1	24-MAY-2007 09:05:56	Bright	35.500	76	27Gam Cas	2.3000	30000.	71	27344	No
126	GOM_NL__2PRFIN20070524_090708_000000552058_00236_27344_2846.N1	24-MAY-2007 09:07:08	Bright	55.000	68	18Alp Cas	2.2250	4500.0	110	27344	No
127	GOM_NL__2PRFIN20070524_091321_000000412058_00236_27344_2847.N1	24-MAY-2007 09:13:21	Bright	40.500	53	43Bet And	2.0480	3300.0	81	27344	No
128	GOM_NL__2PRFIN20070524_091553_000000492058_00236_27344_2848.N1	24-MAY-2007 09:15:53	Tw_i_and_stray	49.000	58	21Alp And	2.0730	11000.	98	27344	No
129	GOM_NL__2PRFIN20070524_092021_000000462058_00236_27344_2849.N1	24-MAY-2007 09:20:21	Dark	45.500	140	88Gam Peg	2.8340	26000.	91	27344	No
130	GOM_NL__2PRFIN20070524_092910_000000502058_00236_27344_2850.N1	24-MAY-2007 09:29:10	Dark	50.000	52	16Bet Cet	2.0370	4500.0	100	27344	No
131	GOM_NL__2PRFIN20070524_093642_000000302058_00236_27344_2851.N1	24-MAY-2007 09:36:42	Dark	30.000	18	24Alp PsA	1.1660	9700.0	60	27344	No
132	GOM_NL__2PRFIN20070524_094039_000000452058_00236_27344_2852.N1	24-MAY-2007 09:40:39	Dark	44.500	63	Bet Gru	2.1500	2800.0	89	27344	No
133	GOM_NL__2PRFIN20070524_094221_000000502058_00237_27345_2841.N1	24-MAY-2007 09:42:21	Dark	50.000	31	Alp Gru	1.7340	15200.	100	27345	No
134	GOM_NL__2PRFIN20070524_094742_000000402058_00237_27345_2842.N1	24-MAY-2007 09:47:42	Dark	40.000	45	Alp Pav	1.9400	26000.	80	27345	No
135	GOM_NL__2PRFIN20070524_095428_000000412058_00237_27345_2843.N1	24-MAY-2007 09:54:28	Straylight	40.500	141	Bet Ara	2.8400	4600.0	81	27345	No
136	GOM_NL__2PRFIN20070524_095715_000000462058_00237_27345_2844.N1	24-MAY-2007 09:57:15	Straylight	46.000	40	The Sco	1.8590	7100.0	92	27345	No
137	GOM_NL__2PRFIN20070524_095907_000000462058_00237_27345_2845.N1	24-MAY-2007 09:59:07	Straylight	46.000	115	34Ups Sco	2.6960	26000.	92	27345	No
138	GOM_NL__2PRFIN20070524_100107_000000512058_00237_27345_2846.N1	24-MAY-2007 10:01:07	Tw_i_and_stray	51.000	75	26Eps Sco	2.2910	4250.0	102	27345	No
139	GOM_NL__2PRFIN20070524_100358_000000542058_00237_27345_2847.N1	24-MAY-2007 10:03:58	Bright	54.000	16	21Alp Sco	1.0200	3000.0	108	27345	No
140	GOM_NL__2PRFIN20070524_100621_000000402058_00237_27345_2848.N1	24-MAY-2007 10:06:21	Bright	40.000	97	8Bet1Sco	2.5610	30000.	80	27345	No
141	GOM_NL__2PRFIN20070524_100950_000000362058_00237_27345_2849.N1	24-MAY-2007 10:09:50	Bright	36.000	104	27Bet Lib	2.6140	13100.	72	27345	No
142	GOM_NL__2PRFIN20070524_101439_000000392058_00237_27345_2850.N1	24-MAY-2007 10:14:39	Bright	39.000	102	24Alp Ser	2.6000	4250.0	78	27345	No
143	GOM_NL__2PRFIN20070524_102025_000000382058_00237_27345_2851.N1	24-MAY-2007 10:20:25	Bright	37.500	83		2.3780	11000.	75	27345	No
144	GOM_NL__2PRFIN20070524_102335_000000352058_00237_27345_2852.N1	24-MAY-2007 10:23:35	Bright	34.500	180	27Gam Boo	3.0400	8000.0	69	27345	No
145	GOM_NL__2PRFIN20070524_103138_000000422058_00237_27345_2853.N1	24-MAY-2007 10:31:38	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	27345	No
146	GOM_NL__2PRFIN20070524_103347_000000372058_00237_27345_2854.N1	24-MAY-2007 10:33:47	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	27345	No
147	GOM_NL__2PRFIN20070524_103821_000000352058_00237_27345_2855.N1	24-MAY-2007 10:38:21	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	27345	No
148	GOM_NL__2PRFIN20070524_104631_000000342058_00237_27345_2856.N1	24-MAY-2007 10:46:31	Bright	33.500	76	27Gam Cas	2.3000	30000.	67	27345	No
149	GOM_NL__2PRFIN20070524_104744_000000352058_00237_27345_2857.N1	24-MAY-2007 10:47:44	Bright	34.500	68	18Alp Cas	2.2250	4500.0	69	27345	No
150	GOM_NL__2PRFIN20070524_105357_000000382058_00237_27345_2858.N1	24-MAY-2007 10:53:57	Bright	38.000	53	43Bet And	2.0480	3300.0	76	27345	No
151	GOM_NL__2PRFIN20070524_105629_000000492058_00237_27345_2859.N1	24-MAY-2007 10:56:29	Tw_i_and_stray	49.000	58	21Alp And	2.0730	11000.	98	27345	No
152	GOM_NL__2PRFIN20070524_110057_000000462058_00237_27345_2860.N1	24-MAY-2007 11:00:57	Dark	46.000	140	88Gam Peg	2.8340	26000.	92	27345	No
153	GOM_NL__2PRFIN20070524_110946_000000432058_00237_27345_2861.N1	24-MAY-2007 11:09:46	Dark	43.000	52	16Bet Cet	2.0370	4500.0	86	27345	No
154	GOM_NL__2PRFIN20070524_111719_000000302058_00237_27345_2862.N1	24-MAY-2007 11:17:19	Dark	30.000	18	24Alp PsA	1.1660	9700.0	60	27345	No
155	GOM_NL__2PRFIN20070524_112116_000000572058_00237_27345_2863.N1	24-MAY-2007 11:21:16	Dark	57.000	63	Bet Gru	2.1500	2800.0	114	27345	No
156	GOM_NL__2PRFIN20070524_112257_000000442058_00238_27346_2864.N1	24-MAY-2007 11:22:57	Dark	43.500	31	Alp Gru	1.7340	15200.	87	27346	No
157	GOM_NL__2PRFIN20070524_112819_000000422058_00238_27346_2865.N1	24-MAY-2007 11:28:19	Dark	42.000	45	Alp Pav	1.9400	26000.	84	27346	No
158	GOM_NL__2PRFIN20070524_113504_000000442058_00238_27346_2866.N1	24-MAY-2007 11:35:04	Straylight	43.500	141	Bet Ara	2.8400	4600.0	87	27346	No
159	GOM_NL__2PRFIN20070524_113751_000000462058_00238_27346_2867.N1	24-MAY-2007 11:37:51	Straylight	46.000	40	The Sco	1.8590	7100.0	92	27346	No
160	GOM_NL__2PRFIN20070524_113943_000000472058_00238_27346_2868.N1	24-MAY-2007 11:39:43	Straylight	46.500	115	34Ups Sco	2.6960	26000.	93	27346	No

161	GOM_NL__2PRFIN20070524_114143_000000462058_00238_27346_2869.N1	24-MAY-2007 11:41:43	Tw_i_and_stray	46.000	75	26Eps Sco	2.2910	4250.0	92	27346	No
162	GOM_NL__2PRFIN20070524_114434_000000552058_00238_27346_2870.N1	24-MAY-2007 11:44:34	Bright	54.500	16	21Alp Sco	1.0200	3000.0	109	27346	No
163	GOM_NL__2PRFIN20070524_114657_000000412058_00238_27346_2871.N1	24-MAY-2007 11:46:57	Bright	40.500	97	8Bet1Sco	2.5610	30000.	81	27346	No
164	GOM_NL__2PRFIN20070524_115026_000000382058_00238_27346_2872.N1	24-MAY-2007 11:50:26	Bright	38.000	104	27Bet Lib	2.6140	13100.	76	27346	No
165	GOM_NL__2PRFIN20070524_115514_000000392058_00238_27346_2873.N1	24-MAY-2007 11:55:14	Bright	39.000	102	24Alp Ser	2.6000	4250.0	78	27346	No
166	GOM_NL__2PRFIN20070524_120101_000000382058_00238_27346_2874.N1	24-MAY-2007 12:01:01	Bright	37.500	83		2.3780	11000.	75	27346	No
167	GOM_NL__2PRFIN20070524_120410_000000352058_00238_27346_2875.N1	24-MAY-2007 12:04:10	Bright	34.500	180	27Gam Boo	3.0400	8000.0	69	27346	No
168	GOM_NL__2PRFIN20070524_121214_000000402058_00238_27346_2876.N1	24-MAY-2007 12:12:14	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	27346	No
169	GOM_NL__2PRFIN20070524_121422_000000382058_00238_27346_2877.N1	24-MAY-2007 12:14:22	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	27346	No
170	GOM_NL__2PRFIN20070524_121857_000000352058_00238_27346_2878.N1	24-MAY-2007 12:18:57	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	27346	No
171	GOM_NL__2PRFIN20070524_122707_000000362058_00238_27346_2879.N1	24-MAY-2007 12:27:07	Bright	35.500	76	27Gam Cas	2.3000	30000.	71	27346	No
172	GOM_NL__2PRFIN20070524_122819_000000372058_00238_27346_2880.N1	24-MAY-2007 12:28:19	Bright	37.000	68	18Alp Cas	2.2250	4500.0	74	27346	No
173	GOM_NL__2PRFIN20070524_123433_000000372058_00238_27346_2881.N1	24-MAY-2007 12:34:33	Bright	37.000	53	43Bet And	2.0480	3300.0	74	27346	No
174	GOM_NL__2PRFIN20070524_123705_000000482058_00238_27346_2882.N1	24-MAY-2007 12:37:05	Tw_i_and_stray	47.500	58	21Alp And	2.0730	11000.	95	27346	No
175	GOM_NL__2PRFIN20070524_124133_000000462058_00238_27346_2883.N1	24-MAY-2007 12:41:33	Dark	45.500	140	88Gam Peg	2.8340	26000.	91	27346	No
176	GOM_NL__2PRFIN20070524_125023_000000442058_00238_27346_2884.N1	24-MAY-2007 12:50:23	Dark	43.500	52	16Bet Cet	2.0370	4500.0	87	27346	No
177	GOM_NL__2PRFIN20070524_130153_000000572058_00238_27346_2885.N1	24-MAY-2007 13:01:53	Dark	56.500	63	Bet Gru	2.1500	2800.0	113	27346	No
178	GOM_NL__2PRFIN20070524_130334_000000462058_00239_27347_2911.N1	24-MAY-2007 13:03:34	Dark	46.000	31	Alp Gru	1.7340	15200.	92	27347	No
179	GOM_NL__2PRFIN20070524_130856_000000412058_00239_27347_2912.N1	24-MAY-2007 13:08:56	Dark	40.500	45	Alp Pav	1.9400	26000.	81	27347	No
180	GOM_NL__2PRFIN20070524_131540_000000472058_00239_27347_2913.N1	24-MAY-2007 13:15:40	Straylight	46.500	141	Bet Ara	2.8400	4600.0	93	27347	No
181	GOM_NL__2PRFIN20070524_131827_000000502058_00239_27347_2914.N1	24-MAY-2007 13:18:27	Straylight	50.000	40	The Sco	1.8590	7100.0	100	27347	No
182	GOM_NL__2PRFIN20070524_132020_000000482058_00239_27347_2915.N1	24-MAY-2007 13:20:20	Straylight	47.500	115	34Ups Sco	2.6960	26000.	95	27347	No
183	GOM_NL__2PRFIN20070524_132219_000000472058_00239_27347_2916.N1	24-MAY-2007 13:22:19	Tw_i_and_stray	46.500	75	26Eps Sco	2.2910	4250.0	93	27347	No
184	GOM_NL__2PRFIN20070524_132510_000000492058_00239_27347_2917.N1	24-MAY-2007 13:25:10	Bright	48.500	16	21Alp Sco	1.0200	3000.0	97	27347	No
185	GOM_NL__2PRFIN20070524_132733_000000402058_00239_27347_2918.N1	24-MAY-2007 13:27:33	Bright	40.000	97	8Bet1Sco	2.5610	30000.	80	27347	No
186	GOM_NL__2PRFIN20070524_133102_000000372058_00239_27347_2919.N1	24-MAY-2007 13:31:02	Bright	37.000	104	27Bet Lib	2.6140	13100.	74	27347	No
187	GOM_NL__2PRFIN20070524_133550_000000392058_00239_27347_2920.N1	24-MAY-2007 13:35:50	Bright	39.000	102	24Alp Ser	2.6000	4250.0	78	27347	No
188	GOM_NL__2PRFIN20070524_134136_000000372058_00239_27347_2921.N1	24-MAY-2007 13:41:36	Bright	36.500	83		2.3780	11000.	73	27347	No
189	GOM_NL__2PRFIN20070524_134446_000000362058_00239_27347_2922.N1	24-MAY-2007 13:44:46	Bright	35.500	180	27Gam Boo	3.0400	8000.0	71	27347	No
190	GOM_NL__2PRFIN20070524_135249_000000402058_00239_27347_2923.N1	24-MAY-2007 13:52:49	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	27347	No
191	GOM_NL__2PRFIN20070524_135458_000000392058_00239_27347_2924.N1	24-MAY-2007 13:54:58	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	27347	No
192	GOM_NL__2PRFIN20070524_135933_000000342058_00239_27347_2925.N1	24-MAY-2007 13:59:33	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	27347	No
193	GOM_NL__2PRFIN20070524_140743_000000522058_00239_27347_2926.N1	24-MAY-2007 14:07:43	Bright	51.500	76	27Gam Cas	2.3000	30000.	103	27347	No
194	GOM_NL__2PRFIN20070524_140855_000000552058_00239_27347_2927.N1	24-MAY-2007 14:08:55	Bright	55.000	68	18Alp Cas	2.2250	4500.0	110	27347	No
195	GOM_NL__2PRFIN20070524_141509_000000382058_00239_27347_2928.N1	24-MAY-2007 14:15:09	Bright	38.000	53	43Bet And	2.0480	3300.0	76	27347	No
196	GOM_NL__2PRFIN20070524_141741_000000492058_00239_27347_2929.N1	24-MAY-2007 14:17:41	Tw_i_and_stray	48.500	58	21Alp And	2.0730	11000.	97	27347	No
197	GOM_NL__2PRFIN20070524_142210_000000482058_00239_27347_2930.N1	24-MAY-2007 14:22:10	Dark	47.500	140	88Gam Peg	2.8340	26000.	95	27347	No
198	GOM_NL__2PRFIN20070524_143059_000000482058_00239_27347_2931.N1	24-MAY-2007 14:30:59	Dark	48.000	52	16Bet Cet	2.0370	4500.0	96	27347	No
199	GOM_NL__2PRFIN20070524_144229_000000482058_00239_27347_2932.N1	24-MAY-2007 14:42:29	Dark	48.000	63	Bet Gru	2.1500	2800.0	96	27347	No
200	GOM_NL__2PRFIN20070524_144411_000000442058_00240_27348_2920.N1	24-MAY-2007 14:44:11	Dark	43.500	31	Alp Gru	1.7340	15200.	87	27348	No
201	GOM_NL__2PRFIN20070524_144932_000000422058_00240_27348_2921.N1	24-MAY-2007 14:49:32	Dark	41.500	45	Alp Pav	1.9400	26000.	83	27348	No
202	GOM_NL__2PRFIN20070524_145617_000000402058_00240_27348_2922.N1	24-MAY-2007 14:56:17	Straylight	40.000	141	Bet Ara	2.8400	4600.0	80	27348	No
203	GOM_NL__2PRFIN20070524_145904_000000532058_00240_27348_2923.N1	24-MAY-2007 14:59:04	Straylight	53.000	40	The Sco	1.8590	7100.0	106	27348	No
204	GOM_NL__2PRFIN20070524_150054_000000252058_00240_27348_2924.N1	24-MAY-2007 15:00:54	Straylight	25.000	25	35Lam Sco	1.6200	28000.	50	27348	No
205	GOM_NL__2PRFIN20070524_150256_000000512058_00240_27348_2925.N1	24-MAY-2007 15:02:56	Tw_i_and_stray	51.000	75	26Eps Sco	2.2910	4250.0	102	27348	No
206	GOM_NL__2PRFIN20070524_150546_000000602058_00240_27348_2926.N1	24-MAY-2007 15:05:46	Bright	60.000	16	21Alp Sco	1.0200	3000.0	120	27348	No
207	GOM_NL__2PRFIN20070524_150809_000000402058_00240_27348_2927.N1	24-MAY-2007 15:08:09	Bright	40.000	97	8Bet1Sco	2.5610	30000.	80	27348	No
208	GOM_NL__2PRFIN20070524_151138_000000372058_00240_27348_2928.N1	24-MAY-2007 15:11:38	Bright	37.000	104	27Bet Lib	2.6140	13100.	74	27348	No
209	GOM_NL__2PRFIN20070524_151626_000000392058_00240_27348_2929.N1	24-MAY-2007 15:16:26	Bright	39.000	102	24Alp Ser	2.6000	4250.0	78	27348	No
210	GOM_NL__2PRFIN20070524_152212_000000352058_00240_27348_2930.N1	24-MAY-2007 15:22:12	Bright	35.000	83		2.3780	11000.	70	27348	No
211	GOM_NL__2PRFIN20070524_152522_000000352058_00240_27348_2931.N1	24-MAY-2007 15:25:22	Bright	35.000	180	27Gam Boo	3.0400	8000.0	70	27348	No
212	GOM_NL__2PRFIN20070524_153325_000000402058_00240_27348_2932.N1	24-MAY-2007 15:33:25	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	27348	No
213	GOM_NL__2PRFIN20070524_153534_000000342058_00240_27348_2933.N1	24-MAY-2007 15:35:34	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	27348	No
214	GOM_NL__2PRFIN20070524_154009_000000362058_00240_27348_2934.N1	24-MAY-2007 15:40:09	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	27348	No
215	GOM_NL__2PRFIN20070524_154819_000000362058_00240_27348_2935.N1	24-MAY-2007 15:48:19	Bright	35.500	76	27Gam Cas	2.3000	30000.	71	27348	No
216	GOM_NL__2PRFIN20070524_154931_000000372058_00240_27348_2936.N1	24-MAY-2007 15:49:31	Bright	36.500	68	18Alp Cas	2.2250	4500.0	73	27348	No
217	GOM_NL__2PRFIN20070524_155545_000000392058_00240_27348_2937.N1	24-MAY-2007 15:55:45	Bright	38.500	53	43Bet And	2.0480	3300.0	77	27348	No
218	GOM_NL__2PRFIN20070524_155817_000000472058_00240_27348_2938.N1	24-MAY-2007 15:58:17	Tw_i_and_stray	47.000	58	21Alp And	2.0730	11000.	94	27348	No
219	GOM_NL__2PRFIN20070524_160246_000000472058_00240_27348_2939.N1	24-MAY-2007 16:02:46	Dark	46.500	140	88Gam Peg	2.8340	26000.	93	27348	No

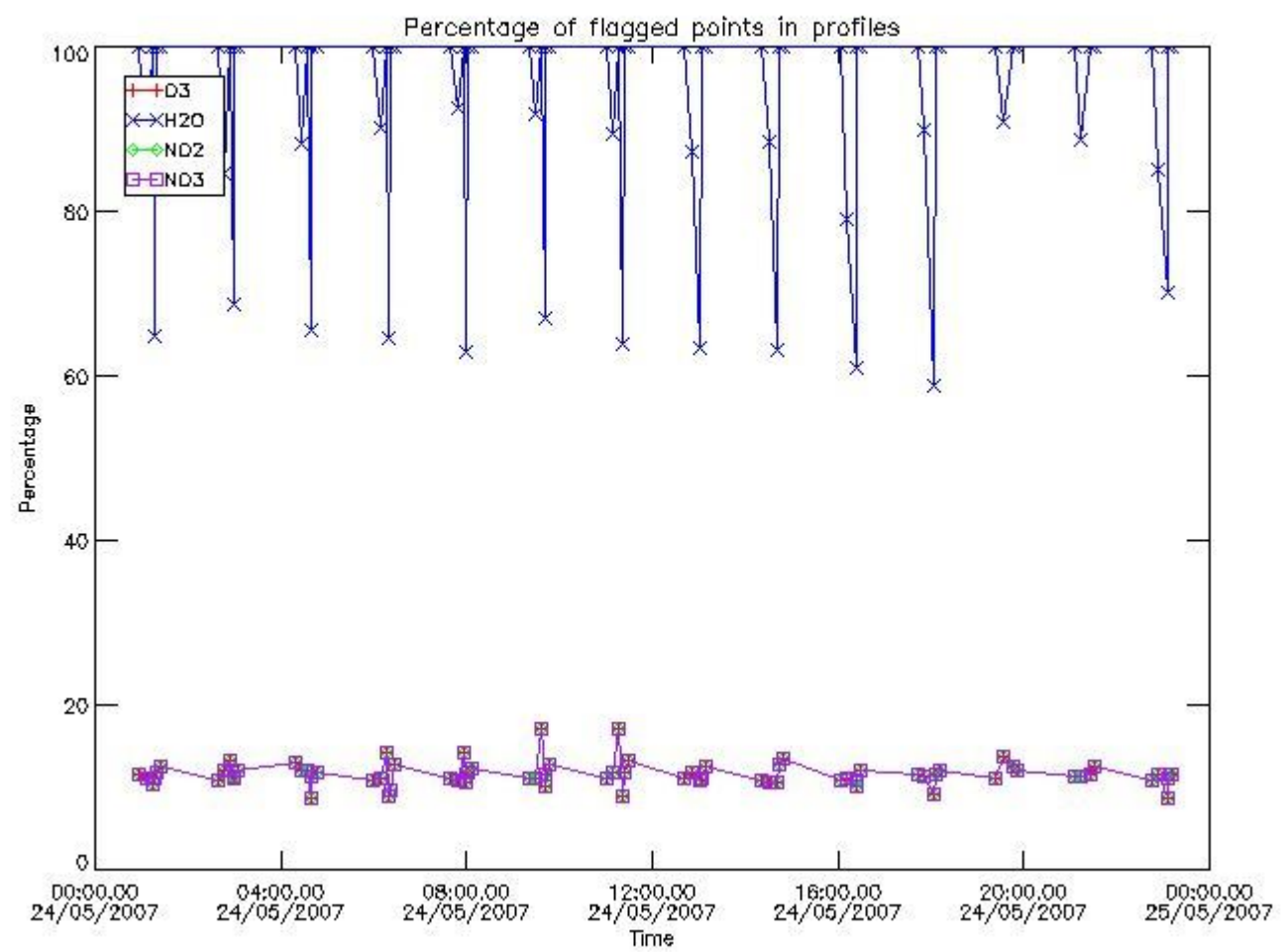
220	GOM_NL__2PRFIN20070524_161136_000000462058_00240_27348_2940.N1	24-MAY-2007 16:11:36	Dark	46.000	52	16Bet Cet	2.0370	4500.0	92	27348	No
221	GOM_NL__2PRFIN20070524_162306_000000512058_00240_27348_2941.N1	24-MAY-2007 16:23:06	Dark	50.500	63	Bet Gru	2.1500	2800.0	101	27348	No
222	GOM_NL__2PRFIN20070524_162448_000000472058_00241_27349_2943.N1	24-MAY-2007 16:24:48	Dark	46.500	31	Alp Gru	1.7340	15200.	93	27349	No
223	GOM_NL__2PRFIN20070524_163009_000000432058_00241_27349_2944.N1	24-MAY-2007 16:30:09	Dark	42.500	45	Alp Pav	1.9400	26000.	85	27349	No
224	GOM_NL__2PRFIN20070524_163653_000000402058_00241_27349_2945.N1	24-MAY-2007 16:36:53	Straylight	40.000	141	Bet Ara	2.8400	4600.0	80	27349	No
225	GOM_NL__2PRFIN20070524_163940_000000462058_00241_27349_2946.N1	24-MAY-2007 16:39:40	Straylight	45.500	40	The Sco	1.8590	7100.0	91	27349	No
226	GOM_NL__2PRFIN20070524_164131_000000252058_00241_27349_2947.N1	24-MAY-2007 16:41:31	Straylight	25.000	25	35Lam Sco	1.6200	28000.	50	27349	No
227	GOM_NL__2PRFIN20070524_164332_000000452058_00241_27349_2948.N1	24-MAY-2007 16:43:32	Tw_i_and_stray	44.500	75	26Eps Sco	2.2910	4250.0	89	27349	No
228	GOM_NL__2PRFIN20070524_164622_000000562058_00241_27349_2949.N1	24-MAY-2007 16:46:22	Bright	56.000	16	21Alp Sco	1.0200	3000.0	112	27349	No
229	GOM_NL__2PRFIN20070524_164845_000000412058_00241_27349_2950.N1	24-MAY-2007 16:48:45	Bright	40.500	97	8Bet1Sco	2.5610	30000.	81	27349	No
230	GOM_NL__2PRFIN20070524_165214_000000362058_00241_27349_2951.N1	24-MAY-2007 16:52:14	Bright	36.000	104	27Bet Lib	2.6140	13100.	72	27349	No
231	GOM_NL__2PRFIN20070524_165702_000000392058_00241_27349_2952.N1	24-MAY-2007 16:57:02	Bright	39.000	102	24Alp Ser	2.6000	4250.0	78	27349	No
232	GOM_NL__2PRFIN20070524_170248_000000372058_00241_27349_2953.N1	24-MAY-2007 17:02:48	Bright	36.500	83		2.3780	11000.	73	27349	No
233	GOM_NL__2PRFIN20070524_170558_000000362058_00241_27349_2954.N1	24-MAY-2007 17:05:58	Bright	35.500	180	27Gam Boo	3.0400	8000.0	71	27349	No
234	GOM_NL__2PRFIN20070524_171400_000000582058_00241_27349_2955.N1	24-MAY-2007 17:14:00	Bright	58.000	119	14Eta Dra	2.7270	4700.0	116	27349	No
235	GOM_NL__2PRFIN20070524_171610_000000342058_00241_27349_2956.N1	24-MAY-2007 17:16:10	Bright	33.500	60	7Bet UMi	2.0810	3950.0	67	27349	No
236	GOM_NL__2PRFIN20070524_172045_000000362058_00241_27349_2957.N1	24-MAY-2007 17:20:45	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	27349	No
237	GOM_NL__2PRFIN20070524_172855_000000422058_00241_27349_2958.N1	24-MAY-2007 17:28:55	Bright	41.500	76	27Gam Cas	2.3000	30000.	83	27349	No
238	GOM_NL__2PRFIN20070524_173007_000000372058_00241_27349_2959.N1	24-MAY-2007 17:30:07	Bright	36.500	68	18Alp Cas	2.2250	4500.0	73	27349	No
239	GOM_NL__2PRFIN20070524_173621_000000392058_00241_27349_2960.N1	24-MAY-2007 17:36:21	Bright	38.500	53	43Bet And	2.0480	3300.0	77	27349	No
240	GOM_NL__2PRFIN20070524_173854_000000492058_00241_27349_2961.N1	24-MAY-2007 17:38:54	Tw_i_and_stray	49.000	58	21Alp And	2.0730	11000.	98	27349	No
241	GOM_NL__2PRFIN20070524_174322_000000452058_00241_27349_2962.N1	24-MAY-2007 17:43:22	Dark	44.500	140	88Gam Peg	2.8340	26000.	89	27349	No
242	GOM_NL__2PRFIN20070524_175212_000000452058_00241_27349_2963.N1	24-MAY-2007 17:52:12	Dark	45.000	52	16Bet Cet	2.0370	4500.0	90	27349	No
243	GOM_NL__2PRFIN20070524_180343_000000552058_00241_27349_2964.N1	24-MAY-2007 18:03:43	Dark	55.000	63	Bet Gru	2.1500	2800.0	110	27349	No
244	GOM_NL__2PRFIN20070524_180525_000000442058_00242_27350_2959.N1	24-MAY-2007 18:05:25	Dark	44.000	31	Alp Gru	1.7340	15200.	88	27350	No
245	GOM_NL__2PRFIN20070524_181046_000000422058_00242_27350_2960.N1	24-MAY-2007 18:10:46	Dark	42.000	45	Alp Pav	1.9400	26000.	84	27350	No
246	GOM_NL__2PRFIN20070524_181730_000000412058_00242_27350_2961.N1	24-MAY-2007 18:17:30	Straylight	41.000	141	Bet Ara	2.8400	4600.0	82	27350	No
247	GOM_NL__2PRFIN20070524_182017_000000492058_00242_27350_2962.N1	24-MAY-2007 18:20:17	Straylight	49.000	40	The Sco	1.8590	7100.0	98	27350	No
248	GOM_NL__2PRFIN20070524_182207_000000292058_00242_27350_2963.N1	24-MAY-2007 18:22:07	Straylight	29.000	25	35Lam Sco	1.6200	28000.	58	27350	No
249	GOM_NL__2PRFIN20070524_182408_000000482058_00242_27350_2964.N1	24-MAY-2007 18:24:08	Tw_i_and_stray	48.000	75	26Eps Sco	2.2910	4250.0	96	27350	No
250	GOM_NL__2PRFIN20070524_182658_000000562058_00242_27350_2965.N1	24-MAY-2007 18:26:58	Bright	55.500	16	21Alp Sco	1.0200	3000.0	111	27350	No
251	GOM_NL__2PRFIN20070524_182921_000000402058_00242_27350_2966.N1	24-MAY-2007 18:29:21	Bright	40.000	97	8Bet1Sco	2.5610	30000.	80	27350	No
252	GOM_NL__2PRFIN20070524_183250_000000382058_00242_27350_2967.N1	24-MAY-2007 18:32:50	Bright	37.500	104	27Bet Lib	2.6140	13100.	75	27350	No
253	GOM_NL__2PRFIN20070524_183738_000000392058_00242_27350_2968.N1	24-MAY-2007 18:37:38	Bright	39.000	102	24Alp Ser	2.6000	4250.0	78	27350	No
254	GOM_NL__2PRFIN20070524_184324_000000362058_00242_27350_2969.N1	24-MAY-2007 18:43:24	Bright	36.000	83		2.3780	11000.	72	27350	No
255	GOM_NL__2PRFIN20070524_184634_000000362058_00242_27350_2970.N1	24-MAY-2007 18:46:34	Bright	35.500	180	27Gam Boo	3.0400	8000.0	71	27350	No
256	GOM_NL__2PRFIN20070524_185436_000000392058_00242_27350_2971.N1	24-MAY-2007 18:54:36	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	27350	No
257	GOM_NL__2PRFIN20070524_185646_000000382058_00242_27350_2972.N1	24-MAY-2007 18:56:46	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	27350	No
258	GOM_NL__2PRFIN20070524_190121_000000372058_00242_27350_2973.N1	24-MAY-2007 19:01:21	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	27350	No
259	GOM_NL__2PRFIN20070524_190931_000000342058_00242_27350_2974.N1	24-MAY-2007 19:09:31	Bright	34.000	76	27Gam Cas	2.3000	30000.	68	27350	No
260	GOM_NL__2PRFIN20070524_191043_000000372058_00242_27350_2975.N1	24-MAY-2007 19:10:43	Bright	36.500	68	18Alp Cas	2.2250	4500.0	73	27350	No
261	GOM_NL__2PRFIN20070524_191657_000000382058_00242_27350_2976.N1	24-MAY-2007 19:16:57	Bright	38.000	53	43Bet And	2.0480	3300.0	76	27350	No
262	GOM_NL__2PRFIN20070524_191930_000000472058_00242_27350_2977.N1	24-MAY-2007 19:19:30	Tw_i_and_stray	47.000	58	21Alp And	2.0730	11000.	94	27350	No
263	GOM_NL__2PRFIN20070524_192359_000000462058_00242_27350_2978.N1	24-MAY-2007 19:23:59	Dark	45.500	140	88Gam Peg	2.8340	26000.	91	27350	No
264	GOM_NL__2PRFIN20070524_193248_000000452058_00242_27350_2979.N1	24-MAY-2007 19:32:48	Dark	44.500	52	16Bet Cet	2.0370	4500.0	89	27350	No
265	GOM_NL__2PRFIN20070524_194601_000000452058_00243_27351_2971.N1	24-MAY-2007 19:46:01	Dark	44.500	31	Alp Gru	1.7340	15200.	89	27351	No
266	GOM_NL__2PRFIN20070524_195122_000000422058_00243_27351_2972.N1	24-MAY-2007 19:51:22	Dark	42.000	45	Alp Pav	1.9400	26000.	84	27351	No
267	GOM_NL__2PRFIN20070524_195806_000000392058_00243_27351_2973.N1	24-MAY-2007 19:58:06	Straylight	38.500	141	Bet Ara	2.8400	4600.0	77	27351	No
268	GOM_NL__2PRFIN20070524_200053_000000492058_00243_27351_2974.N1	24-MAY-2007 20:00:53	Straylight	48.500	40	The Sco	1.8590	7100.0	97	27351	No
269	GOM_NL__2PRFIN20070524_200244_000000292058_00243_27351_2975.N1	24-MAY-2007 20:02:44	Straylight	29.000	25	35Lam Sco	1.6200	28000.	58	27351	No
270	GOM_NL__2PRFIN20070524_200445_000000482058_00243_27351_2976.N1	24-MAY-2007 20:04:45	Tw_i_and_stray	47.500	75	26Eps Sco	2.2910	4250.0	95	27351	No
271	GOM_NL__2PRFIN20070524_200735_000000602058_00243_27351_2977.N1	24-MAY-2007 20:07:35	Bright	60.000	16	21Alp Sco	1.0200	3000.0	120	27351	No
272	GOM_NL__2PRFIN20070524_200957_000000402058_00243_27351_2978.N1	24-MAY-2007 20:09:57	Bright	39.500	97	8Bet1Sco	2.5610	30000.	79	27351	No
273	GOM_NL__2PRFIN20070524_201326_000000372058_00243_27351_2979.N1	24-MAY-2007 20:13:26	Bright	37.000	104	27Bet Lib	2.6140	13100.	74	27351	No
274	GOM_NL__2PRFIN20070524_201813_000000392058_00243_27351_2980.N1	24-MAY-2007 20:18:13	Bright	39.000	102	24Alp Ser	2.6000	4250.0	78	27351	No
275	GOM_NL__2PRFIN20070524_202400_000000352058_00243_27351_2981.N1	24-MAY-2007 20:24:00	Bright	35.000	83		2.3780	11000.	70	27351	No
276	GOM_NL__2PRFIN20070524_202710_000000362058_00243_27351_2982.N1	24-MAY-2007 20:27:10	Bright	35.500	180	27Gam Boo	3.0400	8000.0	71	27351	No
277	GOM_NL__2PRFIN20070524_203512_000000392058_00243_27351_2983.N1	24-MAY-2007 20:35:12	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	27351	No
278	GOM_NL__2PRFIN20070524_203722_000000382058_00243_27351_2984.N1	24-MAY-2007 20:37:22	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	27351	No

279	GOM_NL__2PRFIN20070524_204157_000000352058_00243_27351_2985.N1	24-MAY-2007 20:41:57	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	27351	No
280	GOM_NL__2PRFIN20070524_205007_000000522058_00243_27351_2986.N1	24-MAY-2007 20:50:07	Bright	52.000	76	27Gam Cas	2.3000	30000.	104	27351	No
281	GOM_NL__2PRFIN20070524_205119_000000542058_00243_27351_2987.N1	24-MAY-2007 20:51:19	Bright	53.500	68	18Alp Cas	2.2250	4500.0	107	27351	No
282	GOM_NL__2PRFIN20070524_205733_000000542058_00243_27351_2988.N1	24-MAY-2007 20:57:33	Bright	54.000	53	43Bet And	2.0480	3300.0	108	27351	No
283	GOM_NL__2PRFIN20070524_210006_000000492058_00243_27351_2989.N1	24-MAY-2007 21:00:06	Tw_i_and_stray	48.500	58	21Alp And	2.0730	11000.	97	27351	No
284	GOM_NL__2PRFIN20070524_210435_000000452058_00243_27351_2990.N1	24-MAY-2007 21:04:35	Dark	44.500	140	88Gam Peg	2.8340	26000.	89	27351	No
285	GOM_NL__2PRFIN20070524_211325_000000452058_00243_27351_2991.N1	24-MAY-2007 21:13:25	Dark	45.000	52	16Bet Cet	2.0370	4500.0	90	27351	No
286	GOM_NL__2PRFIN20070524_212638_000000442058_00244_27352_2991.N1	24-MAY-2007 21:26:38	Dark	44.000	31	Alp Gru	1.7340	15200.	88	27352	No
287	GOM_NL__2PRFIN20070524_213159_000000412058_00244_27352_2992.N1	24-MAY-2007 21:31:59	Dark	41.000	45	Alp Pav	1.9400	26000.	82	27352	No
288	GOM_NL__2PRFIN20070524_213842_000000412058_00244_27352_2993.N1	24-MAY-2007 21:38:42	Straylight	41.000	141	Bet Ara	2.8400	4600.0	82	27352	No
289	GOM_NL__2PRFIN20070524_214130_000000492058_00244_27352_2994.N1	24-MAY-2007 21:41:30	Straylight	49.000	40	The Sco	1.8590	7100.0	98	27352	No
290	GOM_NL__2PRFIN20070524_214320_000000342058_00244_27352_2995.N1	24-MAY-2007 21:43:20	Straylight	34.000	25	35Lam Sco	1.6200	28000.	68	27352	No
291	GOM_NL__2PRFIN20070524_214521_000000472058_00244_27352_2996.N1	24-MAY-2007 21:45:21	Tw_i_and_stray	46.500	75	26Eps Sco	2.2910	4250.0	93	27352	No
292	GOM_NL__2PRFIN20070524_214811_000000602058_00244_27352_2997.N1	24-MAY-2007 21:48:11	Bright	60.000	16	21Alp Sco	1.0200	3000.0	120	27352	No
293	GOM_NL__2PRFIN20070524_215033_000000412058_00244_27352_2998.N1	24-MAY-2007 21:50:33	Bright	40.500	97	8Bet1Sco	2.5610	30000.	81	27352	No
294	GOM_NL__2PRFIN20070524_215402_000000372058_00244_27352_2999.N1	24-MAY-2007 21:54:02	Bright	37.000	104	27Bet Lib	2.6140	13100.	74	27352	No
295	GOM_NL__2PRFIN20070524_215849_000000392058_00244_27352_3000.N1	24-MAY-2007 21:58:49	Bright	39.000	102	24Alp Ser	2.6000	4250.0	78	27352	No
296	GOM_NL__2PRFIN20070524_220436_000000372058_00244_27352_3001.N1	24-MAY-2007 22:04:36	Bright	37.000	83		2.3780	11000.	74	27352	No
297	GOM_NL__2PRFIN20070524_220746_000000352058_00244_27352_3002.N1	24-MAY-2007 22:07:46	Bright	35.000	180	27Gam Boo	3.0400	8000.0	70	27352	No
298	GOM_NL__2PRFIN20070524_221547_000000402058_00244_27352_3003.N1	24-MAY-2007 22:15:47	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	27352	No
299	GOM_NL__2PRFIN20070524_221758_000000382058_00244_27352_3004.N1	24-MAY-2007 22:17:58	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	27352	No
300	GOM_NL__2PRFIN20070524_222233_000000352058_00244_27352_3005.N1	24-MAY-2007 22:22:33	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	27352	No
301	GOM_NL__2PRFIN20070524_223043_000000542058_00244_27352_3006.N1	24-MAY-2007 22:30:43	Bright	54.000	76	27Gam Cas	2.3000	30000.	108	27352	No
302	GOM_NL__2PRFIN20070524_223155_000000552058_00244_27352_3007.N1	24-MAY-2007 22:31:55	Bright	55.000	68	18Alp Cas	2.2250	4500.0	110	27352	No
303	GOM_NL__2PRFIN20070524_223809_000000542058_00244_27352_3008.N1	24-MAY-2007 22:38:09	Bright	53.500	53	43Bet And	2.0480	3300.0	107	27352	No
304	GOM_NL__2PRFIN20070524_224042_000000502058_00244_27352_3009.N1	24-MAY-2007 22:40:42	Tw_i_and_stray	50.000	58	21Alp And	2.0730	11000.	100	27352	No
305	GOM_NL__2PRFIN20070524_224511_000000472058_00244_27352_3010.N1	24-MAY-2007 22:45:11	Dark	47.000	140	88Gam Peg	2.8340	26000.	94	27352	No
306	GOM_NL__2PRFIN20070524_225401_000000442058_00244_27352_3011.N1	24-MAY-2007 22:54:01	Dark	44.000	52	16Bet Cet	2.0370	4500.0	88	27352	No
307	GOM_NL__2PRFIN20070524_230533_000000592058_00244_27352_3012.N1	24-MAY-2007 23:05:33	Dark	59.000	63	Bet Gru	2.1500	2800.0	118	27352	No
308	GOM_NL__2PRFIN20070524_230715_000000462058_00245_27353_3002.N1	24-MAY-2007 23:07:15	Dark	46.000	31	Alp Gru	1.7340	15200.	92	27353	No
309	GOM_NL__2PRFIN20070524_231235_000000442058_00245_27353_3003.N1	24-MAY-2007 23:12:35	Dark	44.000	45	Alp Pav	1.9400	26000.	88	27353	No
310	GOM_NL__2PRFIN20070524_231918_000000442058_00245_27353_3004.N1	24-MAY-2007 23:19:18	Straylight	43.500	141	Bet Ara	2.8400	4600.0	87	27353	No
311	GOM_NL__2PRFIN20070524_232206_000000512058_00245_27353_3005.N1	24-MAY-2007 23:22:06	Straylight	51.000	40	The Sco	1.8590	7100.0	102	27353	No
312	GOM_NL__2PRFIN20070524_232357_000000342058_00245_27353_3006.N1	24-MAY-2007 23:23:57	Straylight	34.000	25	35Lam Sco	1.6200	28000.	68	27353	No
313	GOM_NL__2PRFIN20070524_232557_000000462058_00245_27353_3007.N1	24-MAY-2007 23:25:57	Tw_i_and_stray	45.500	75	26Eps Sco	2.2910	4250.0	91	27353	No
314	GOM_NL__2PRFIN20070524_232847_000000602058_00245_27353_3008.N1	24-MAY-2007 23:28:47	Bright	60.000	16	21Alp Sco	1.0200	3000.0	120	27353	No
315	GOM_NL__2PRFIN20070524_233109_000000402058_00245_27353_3009.N1	24-MAY-2007 23:31:09	Bright	40.000	97	8Bet1Sco	2.5610	30000.	80	27353	No
316	GOM_NL__2PRFIN20070524_233438_000000382058_00245_27353_3010.N1	24-MAY-2007 23:34:38	Bright	37.500	104	27Bet Lib	2.6140	13100.	75	27353	No
317	GOM_NL__2PRFIN20070524_233925_000000392058_00245_27353_3011.N1	24-MAY-2007 23:39:25	Bright	39.000	102	24Alp Ser	2.6000	4250.0	78	27353	No
318	GOM_NL__2PRFIN20070524_234512_000000382058_00245_27353_3012.N1	24-MAY-2007 23:45:12	Bright	37.500	83		2.3780	11000.	75	27353	No
319	GOM_NL__2PRFIN20070524_234822_000000362058_00245_27353_3013.N1	24-MAY-2007 23:48:22	Bright	35.500	180	27Gam Boo	3.0400	8000.0	71	27353	No
320	GOM_NL__2PRFIN20070524_235622_000000392058_00245_27353_3014.N1	24-MAY-2007 23:56:22	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	27353	No
321	GOM_NL__2PRFIN20070524_235833_000000382058_00245_27353_3015.N1	24-MAY-2007 23:58:33	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	27353	No

3. Quality information per product

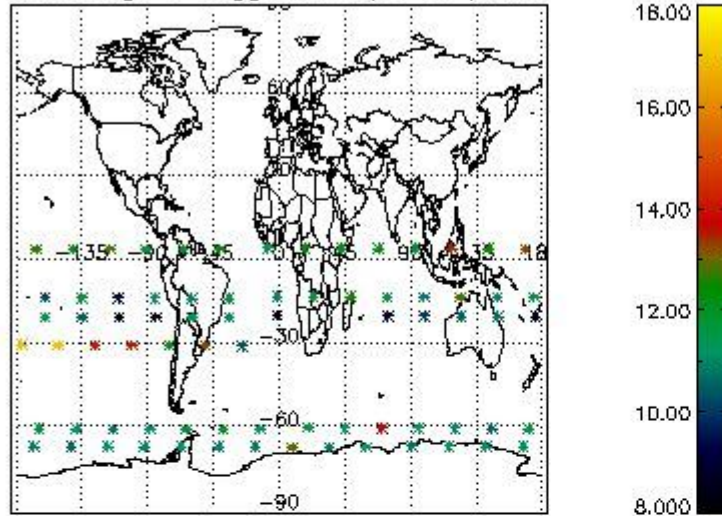
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

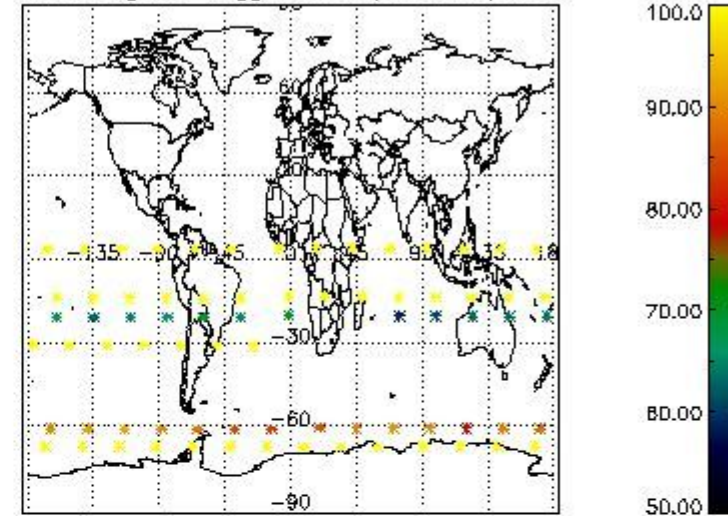


3.2 Plot quality information per product (world map)

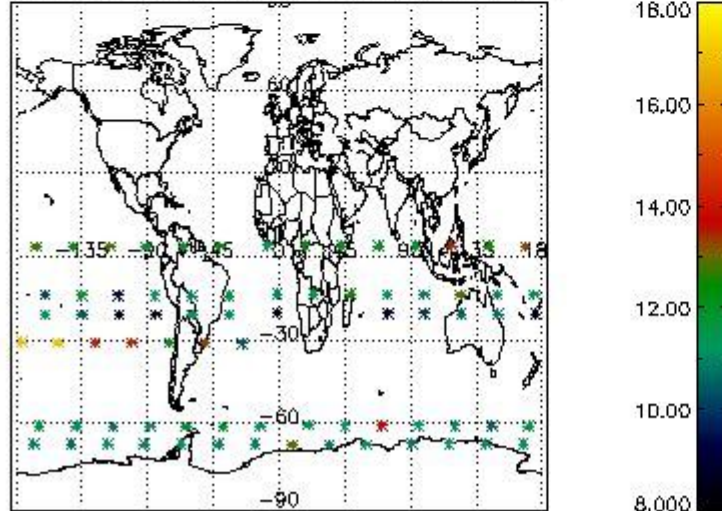
Percentage of flagged data per O3 profile



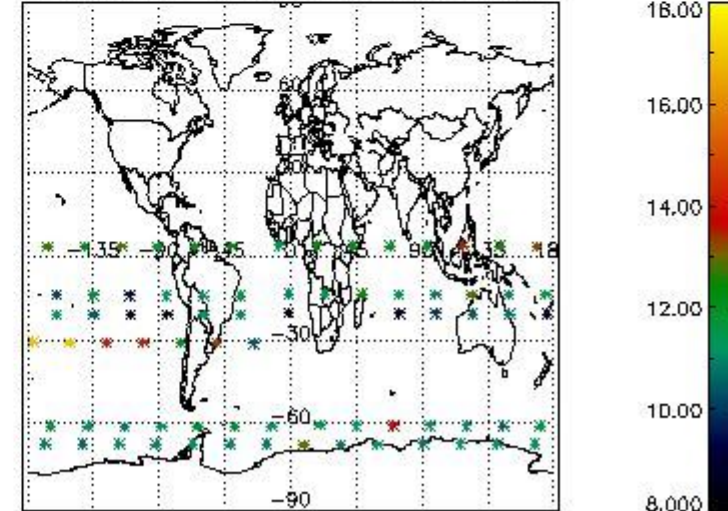
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

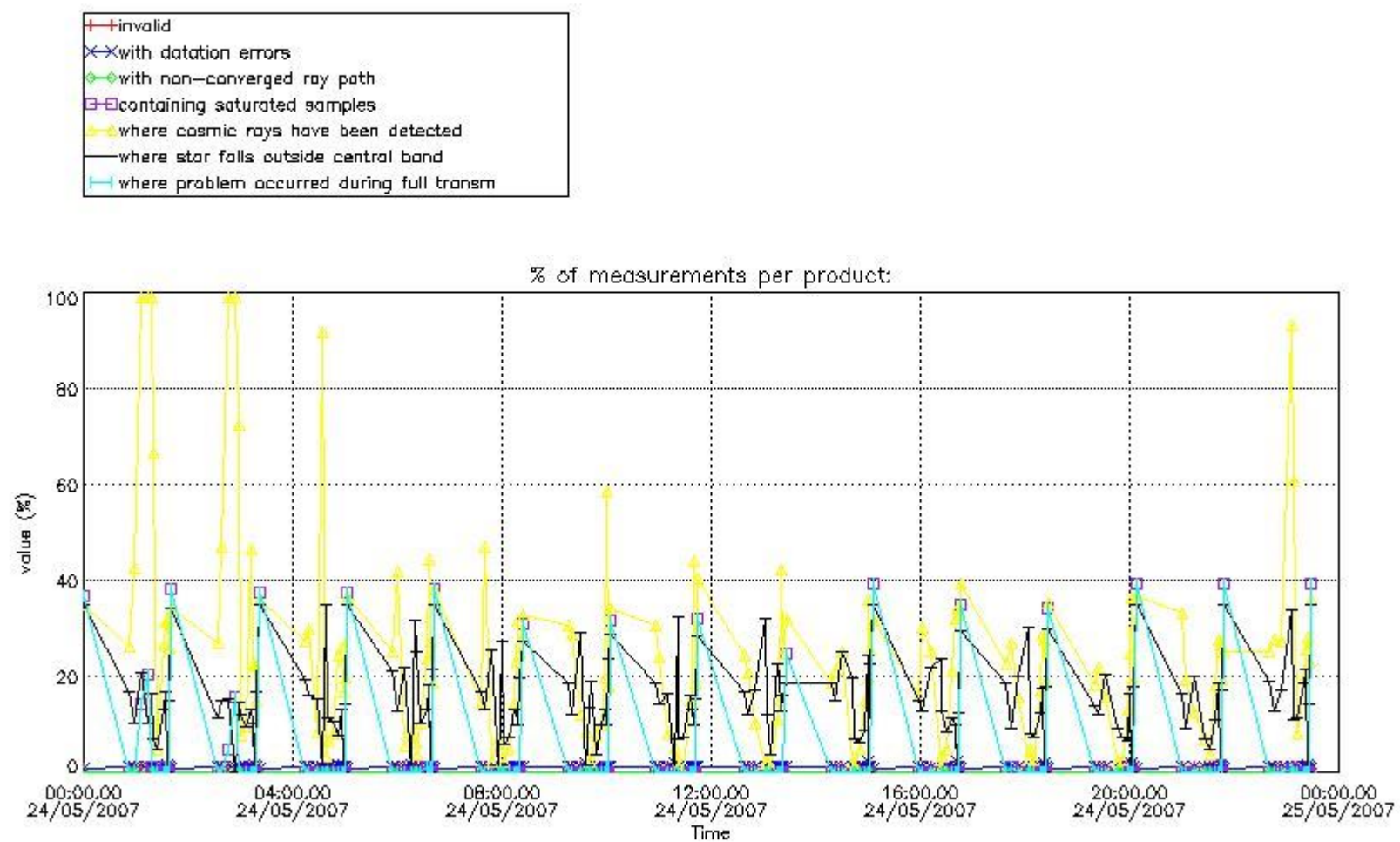


4. Level 1 quality information per product

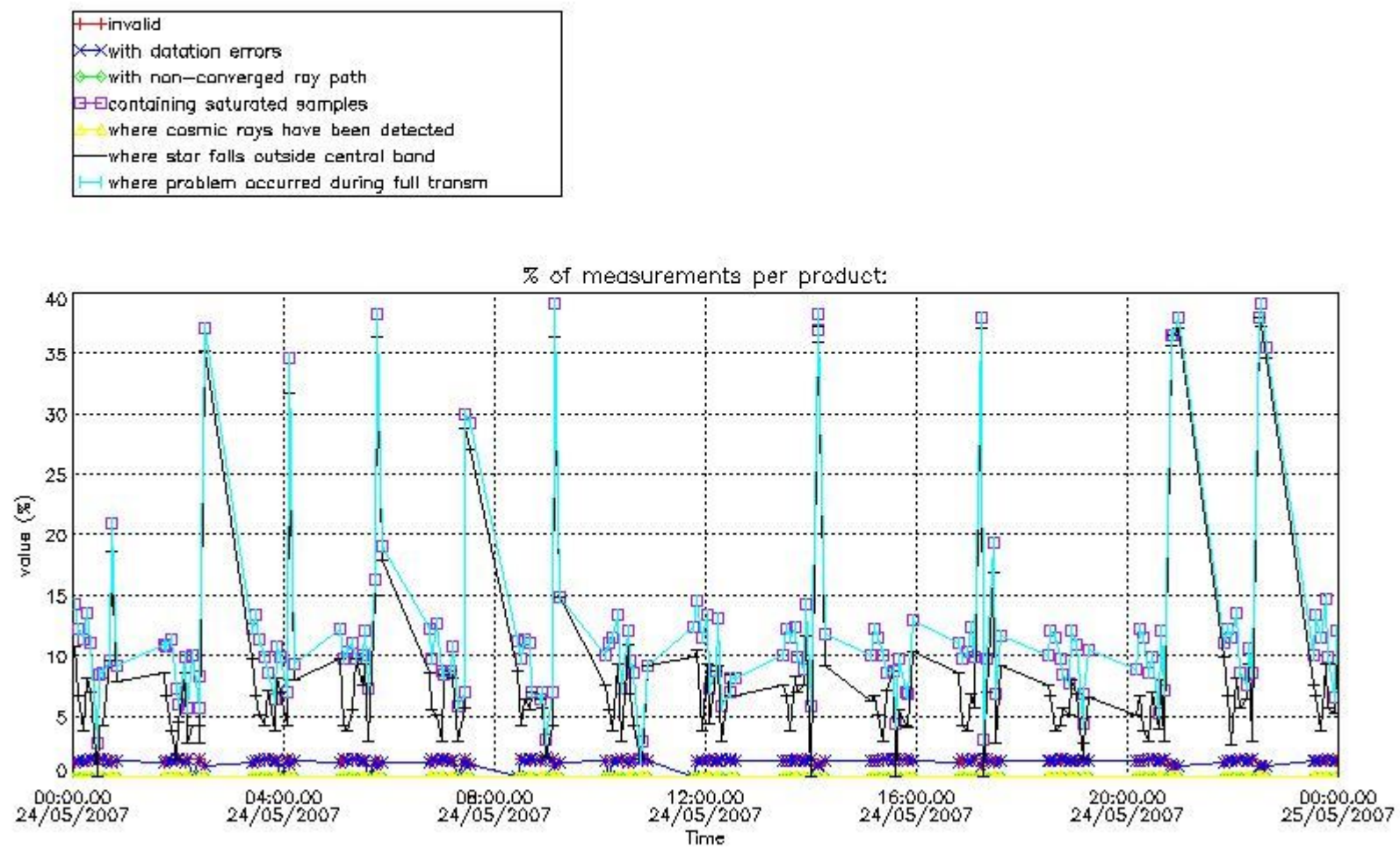
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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

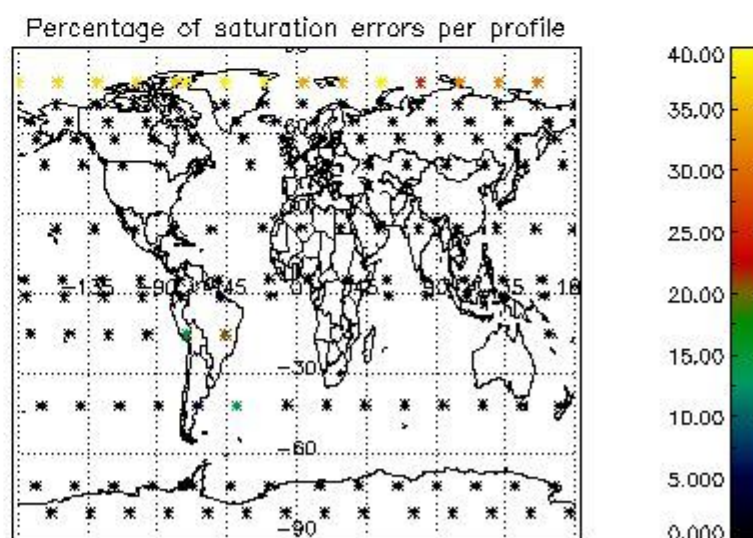
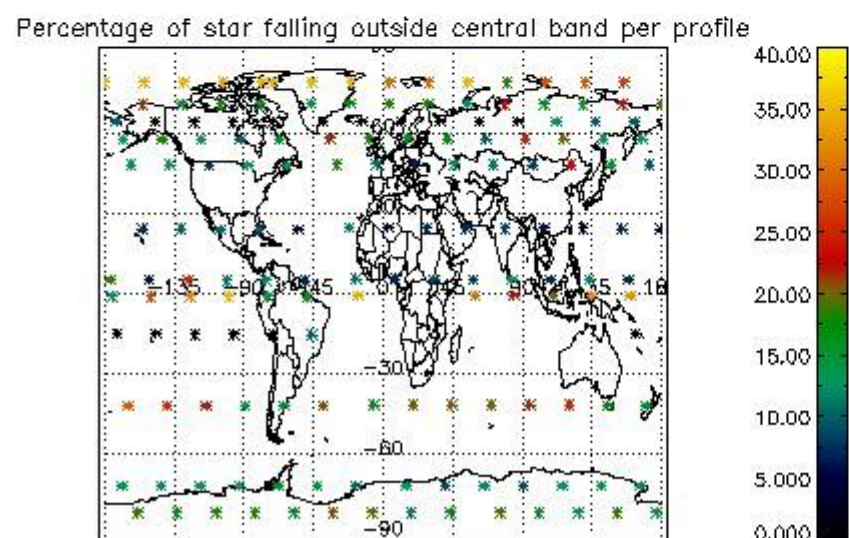
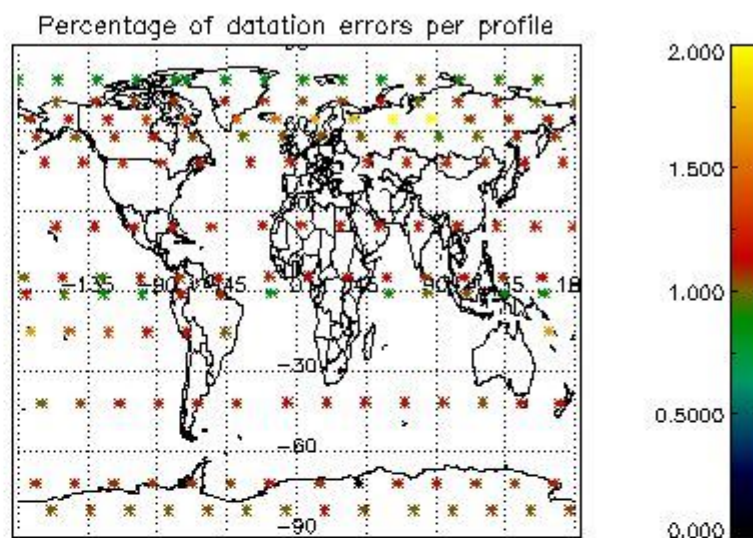
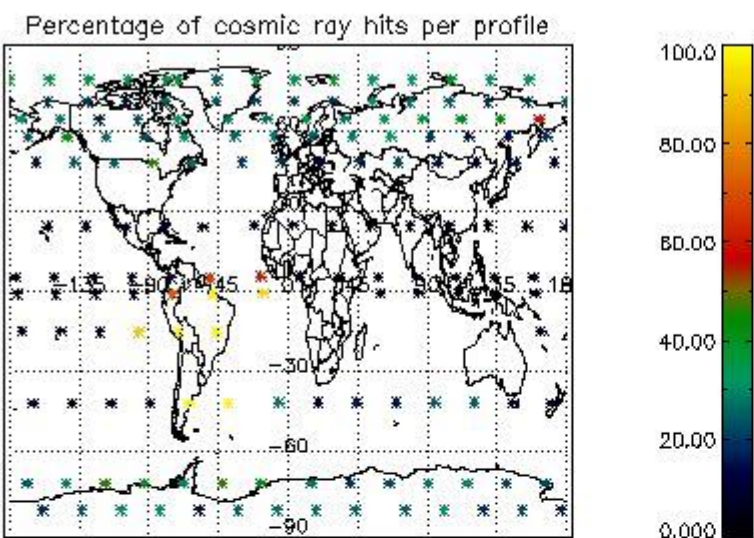


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



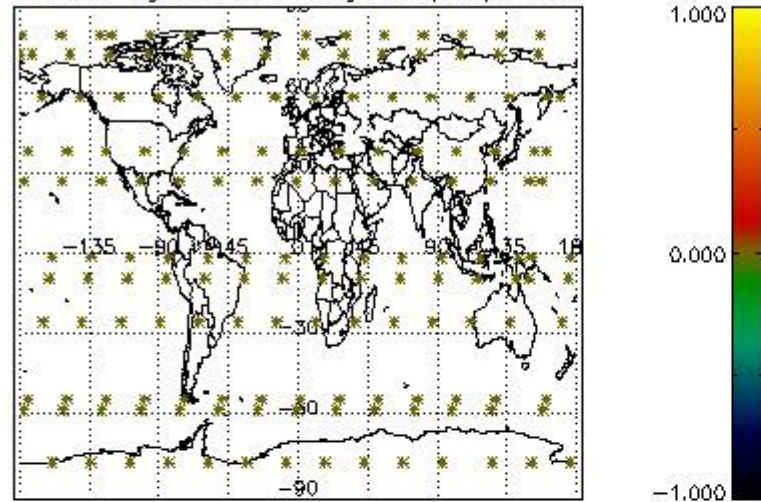
4.2 Plot quality information per product coming from level 1b processing (world map)

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

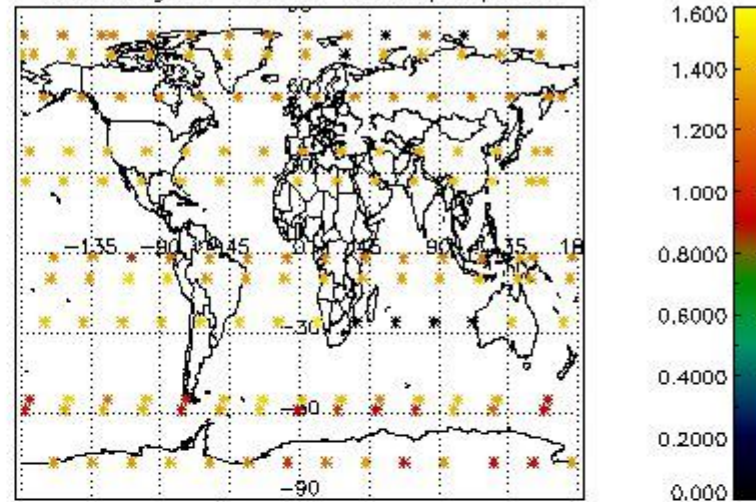


4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes

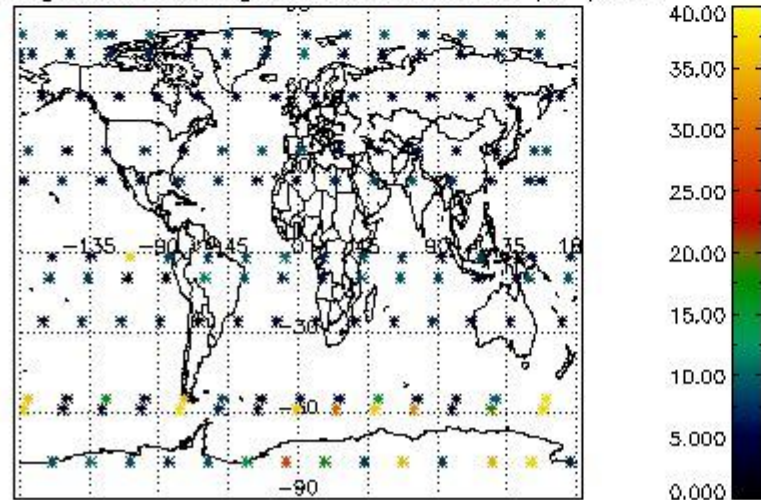
Percentage of cosmic ray hits per profile



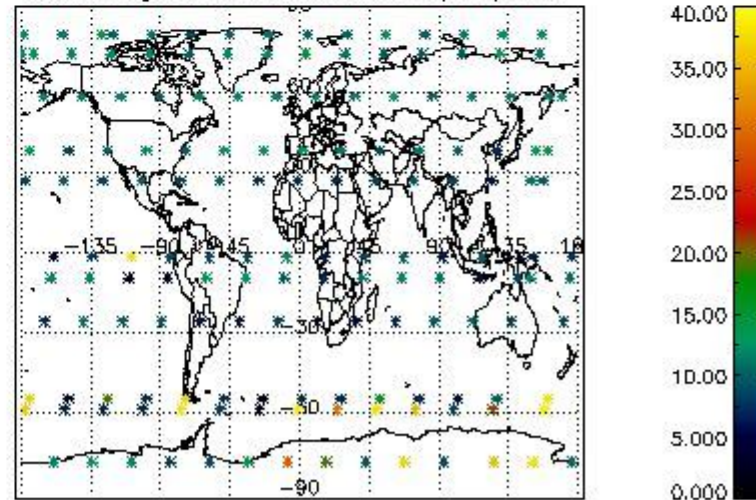
Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

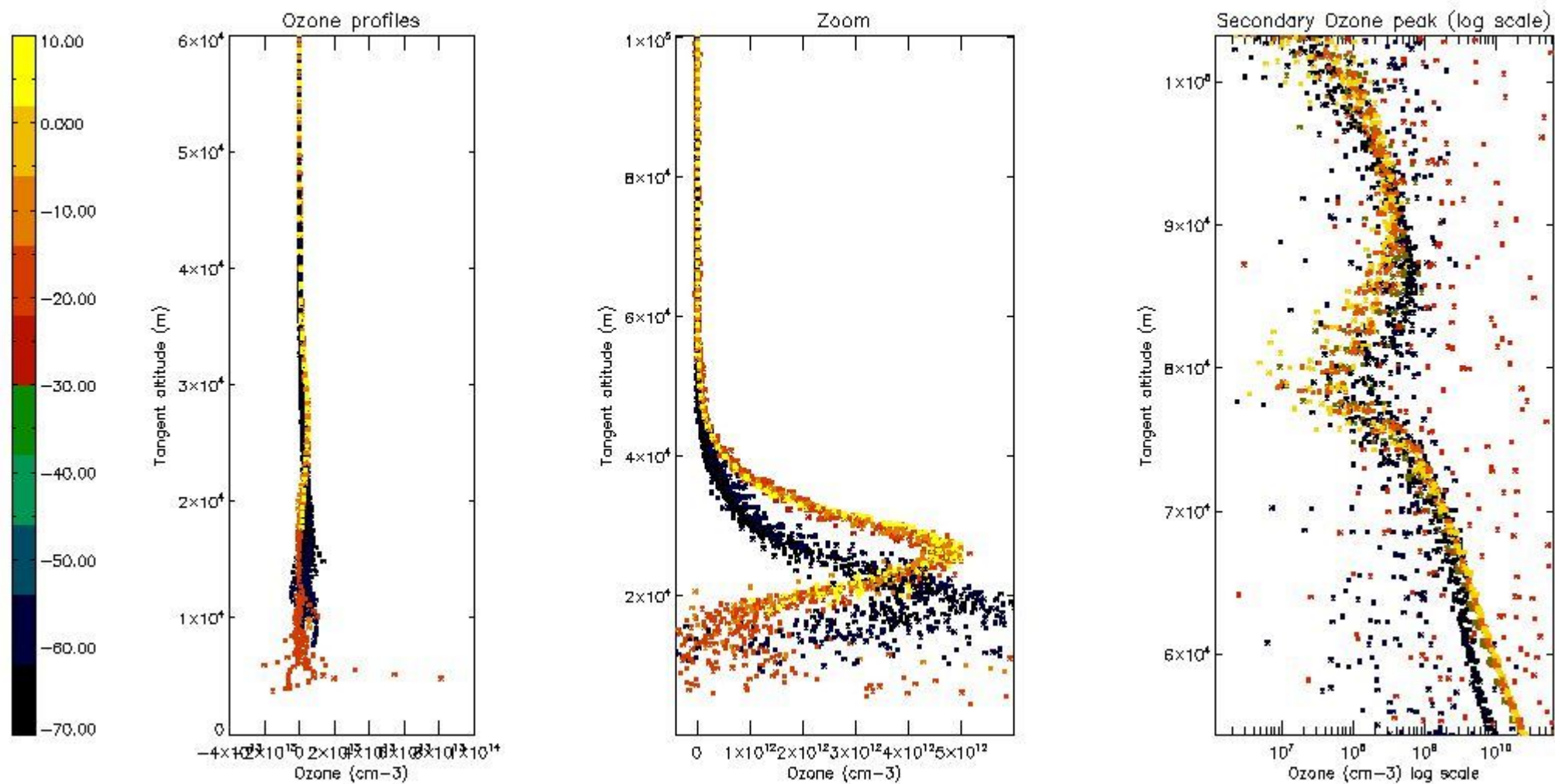
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	26
STD < 20	13

STD < 10	10
STD < 5	7

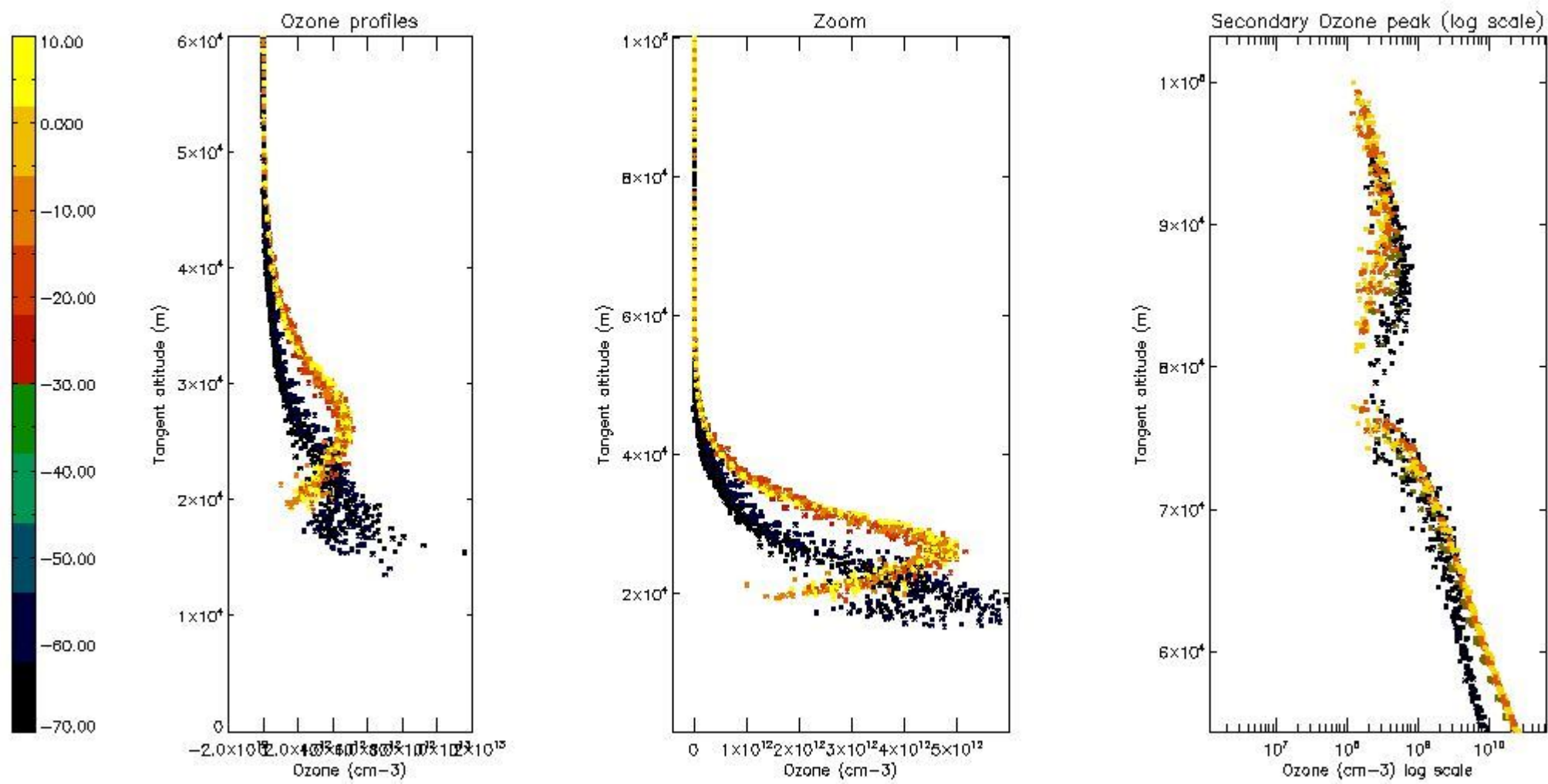
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



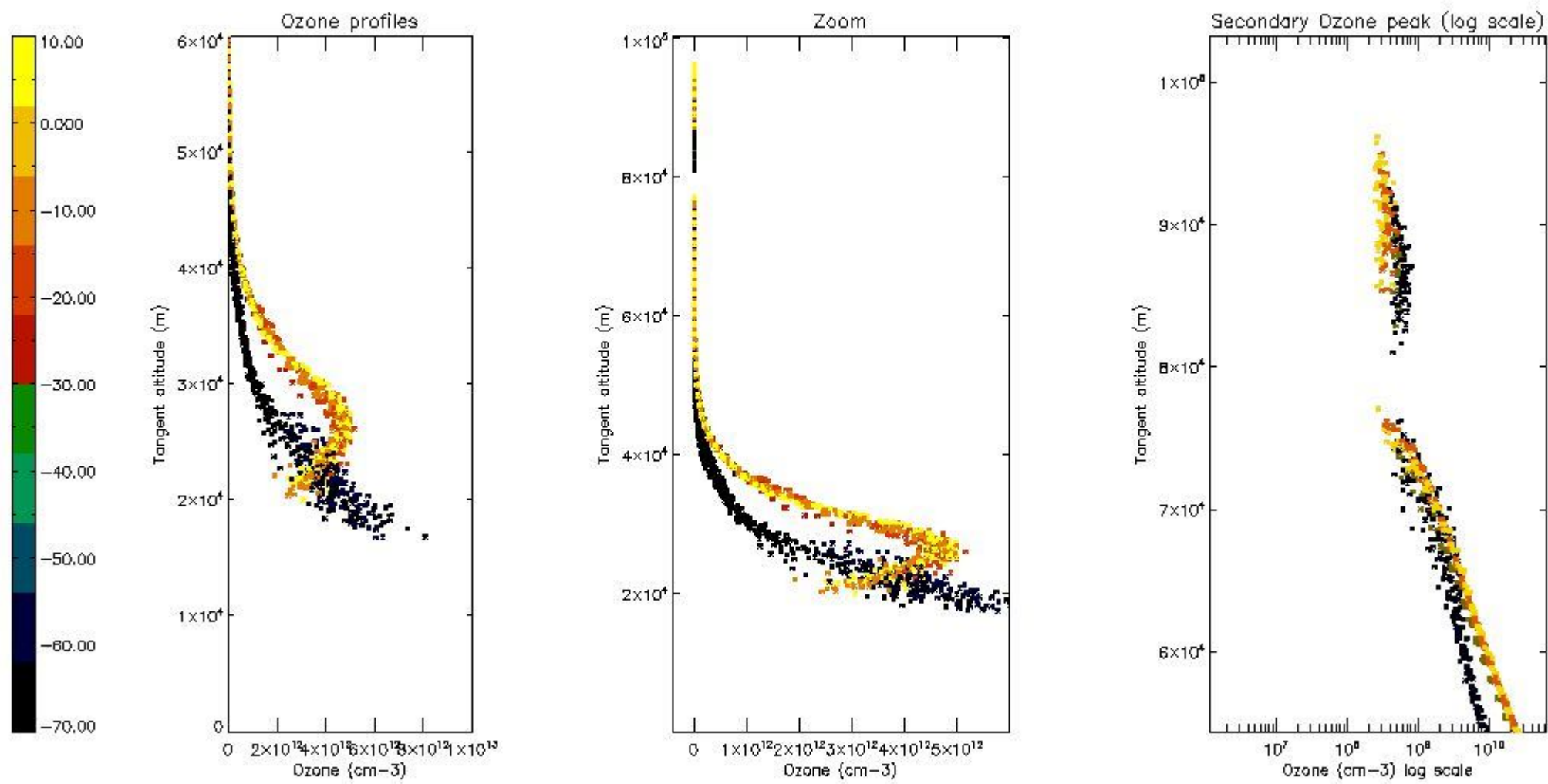
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



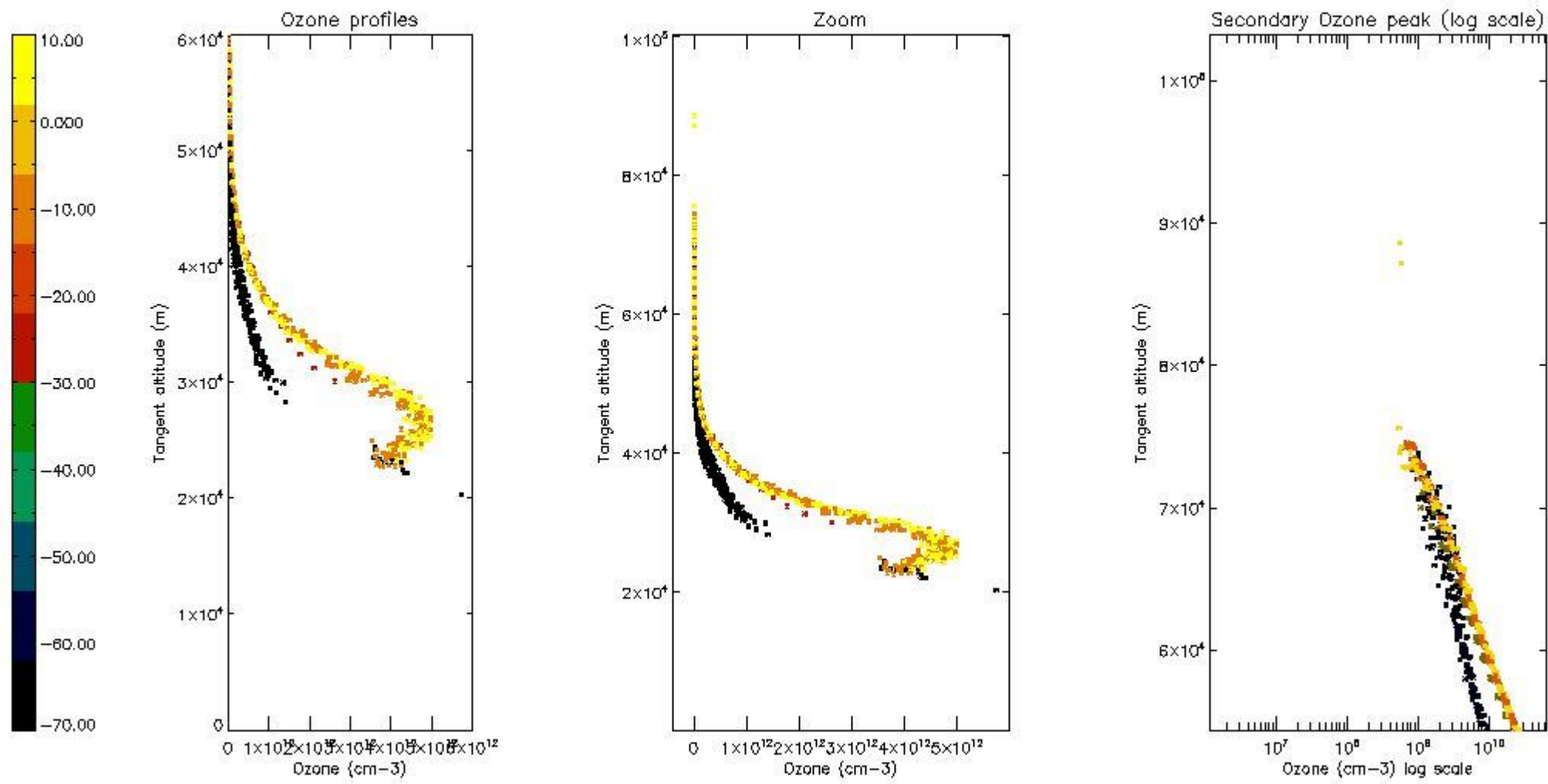
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



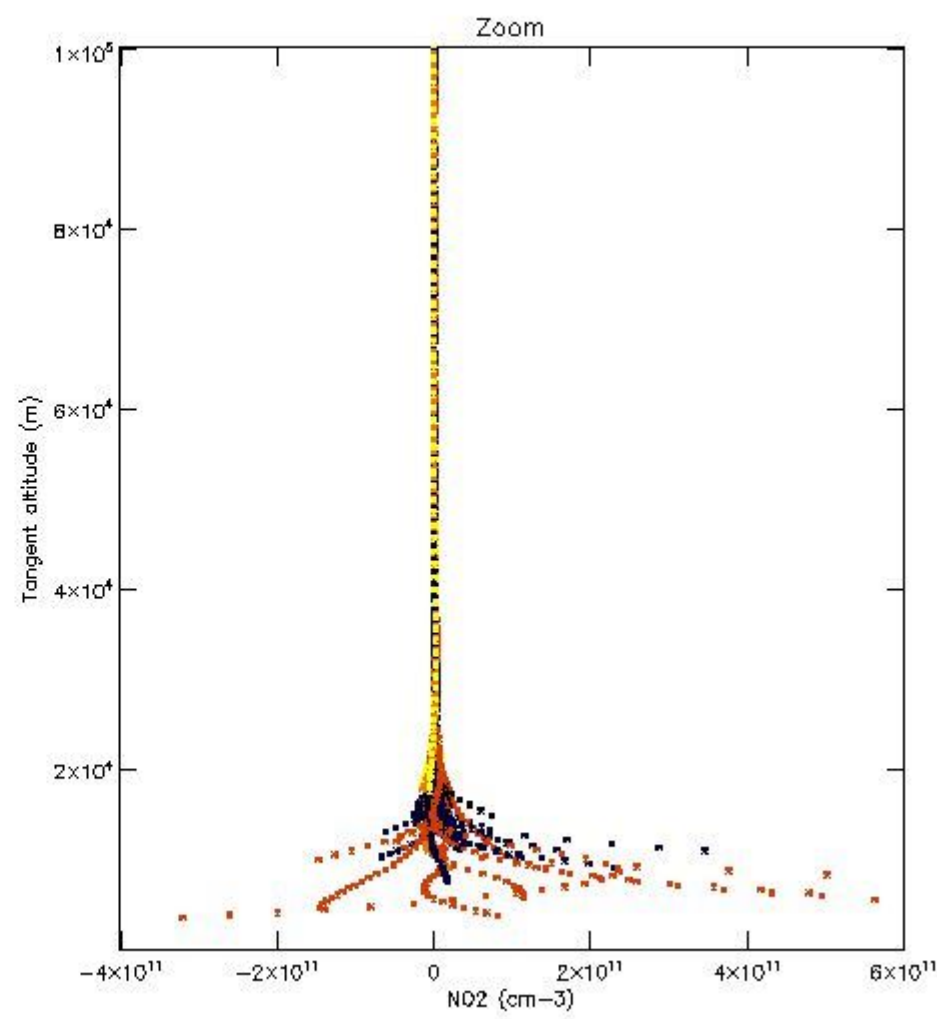
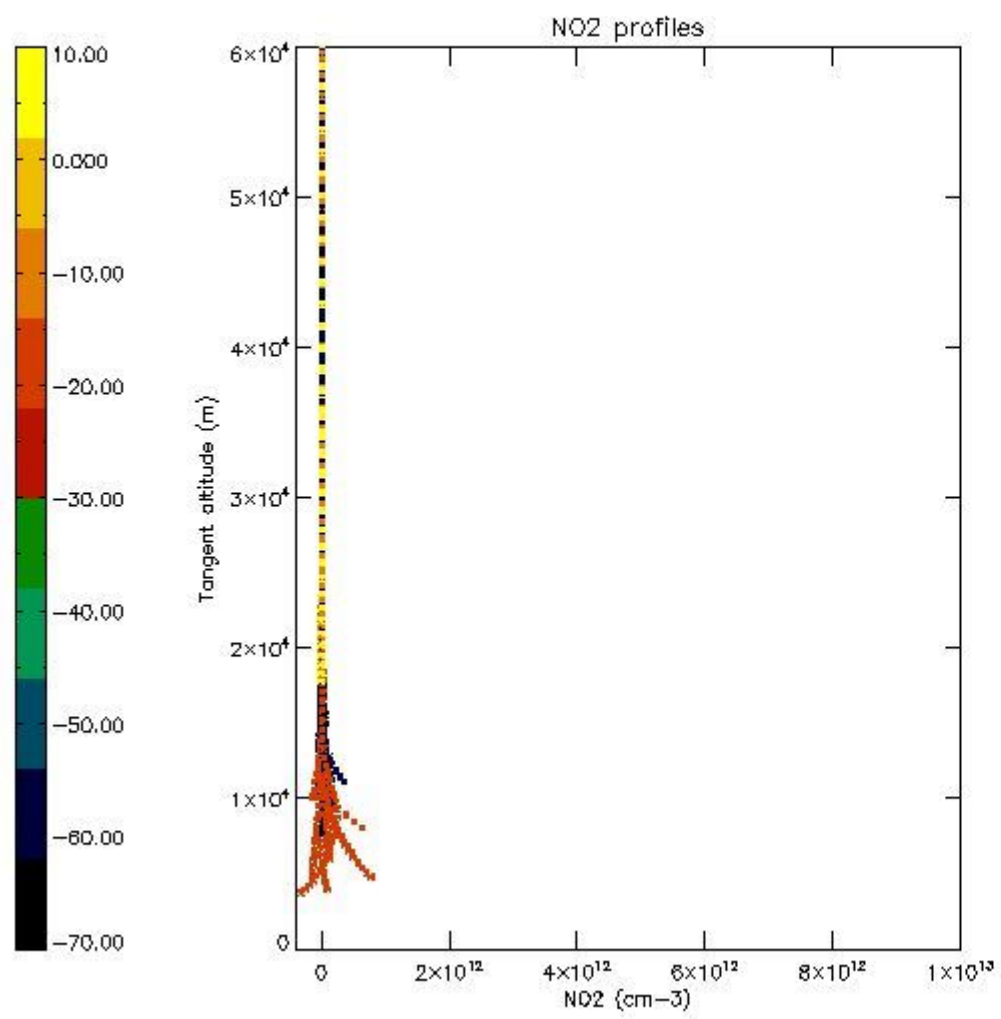
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



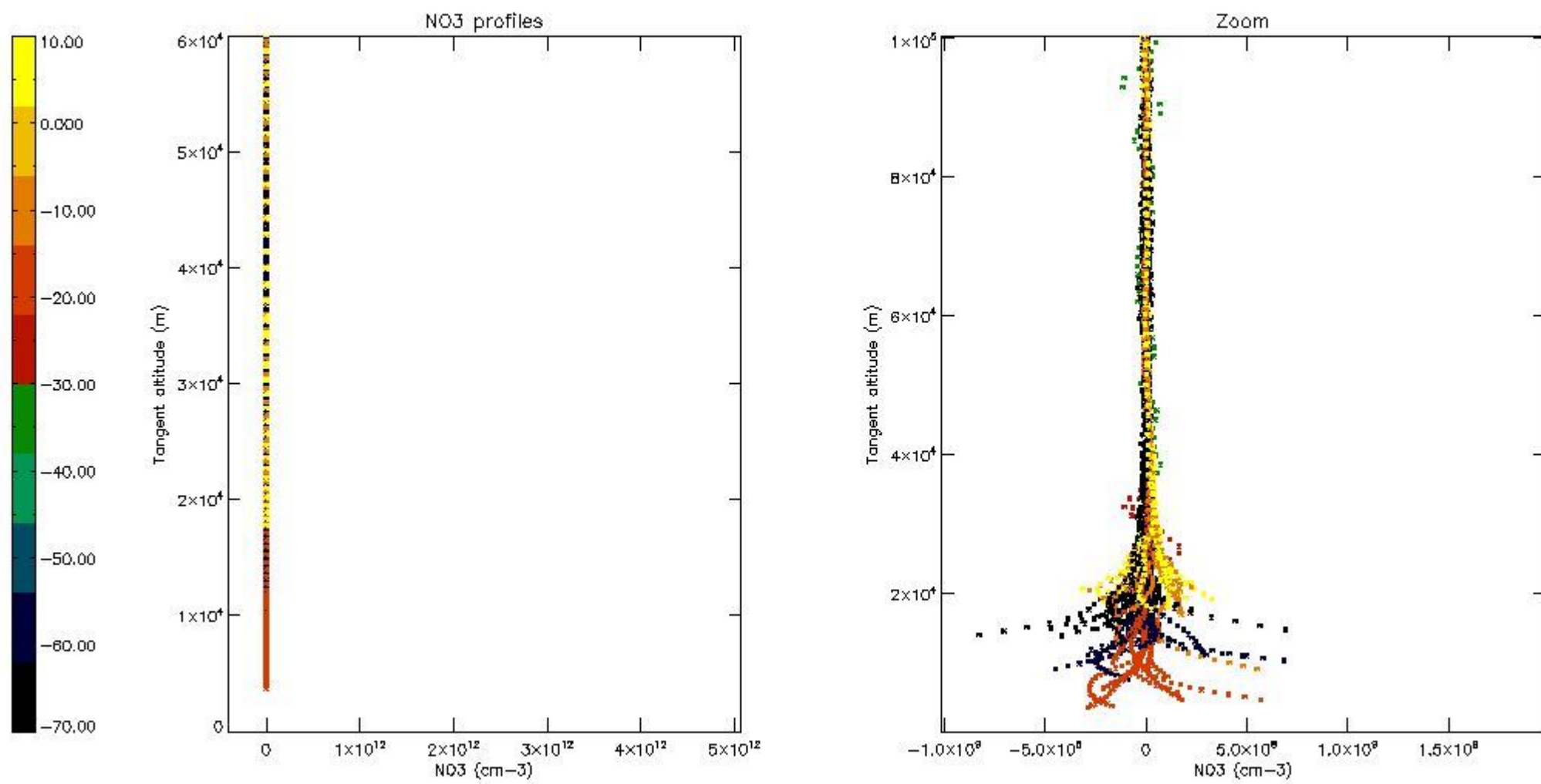
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



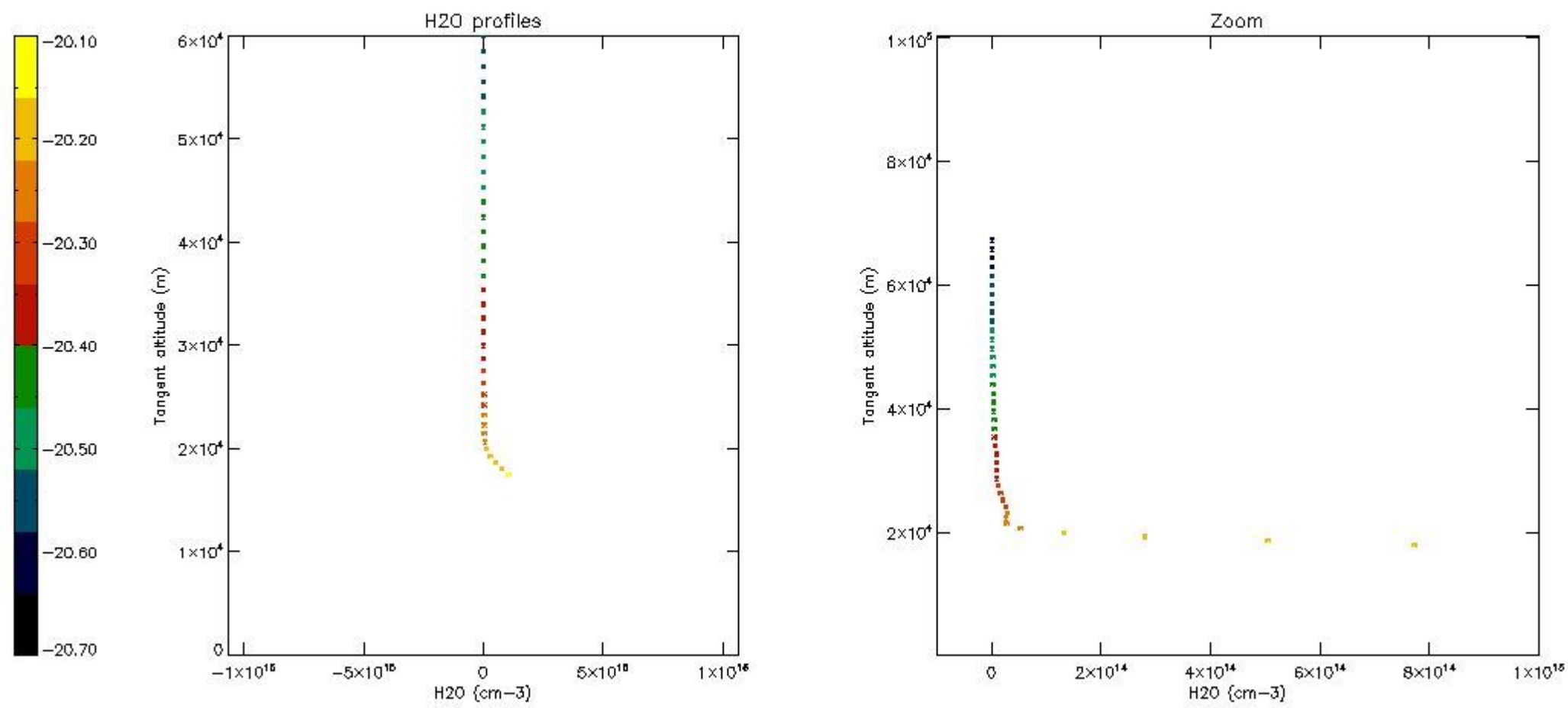
5.7 Plot NO3 profiles for all STD (dark without errors)

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)

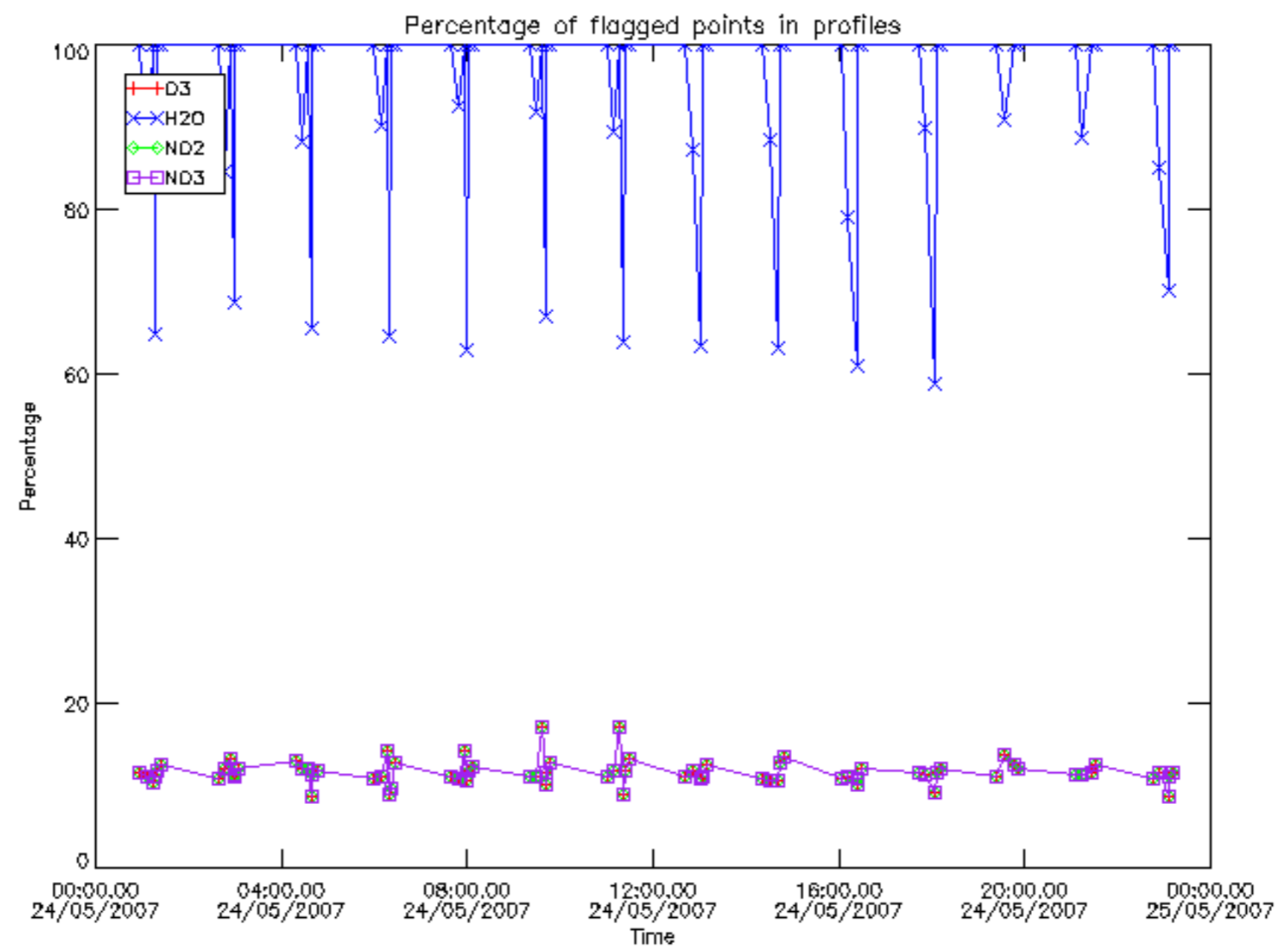
The colorbar represents the latitude.



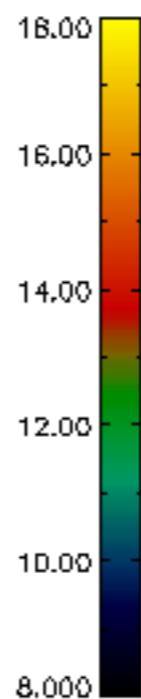
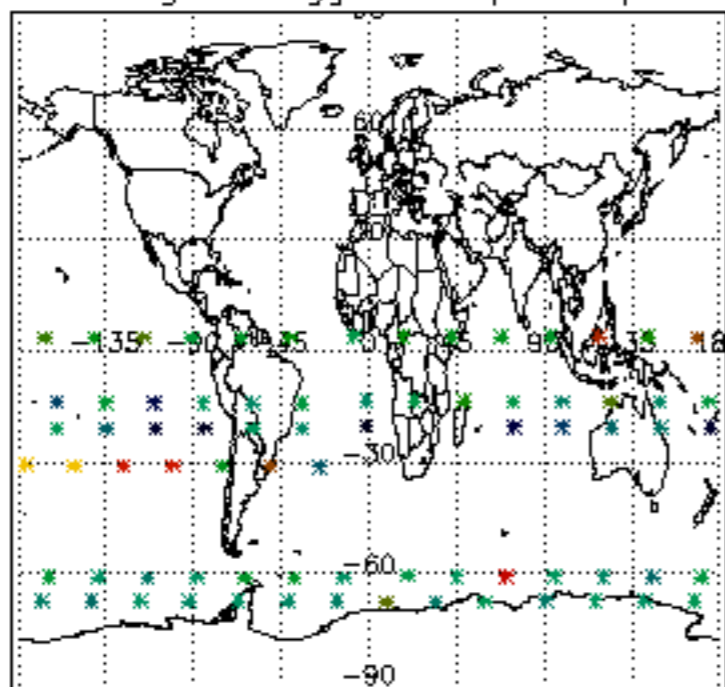
6. Auxiliary Data Files used for the production reported in section 2

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.

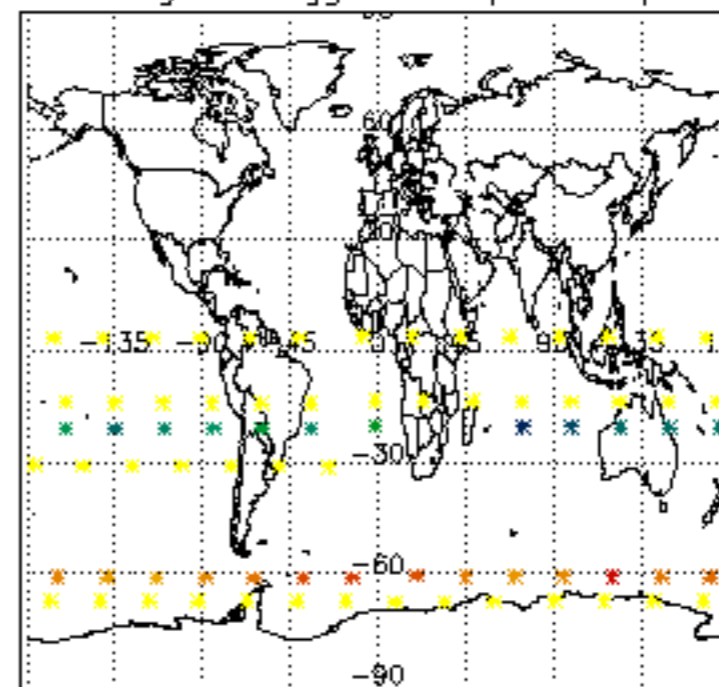
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	24-MAY-2007 00:00:20
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	24-MAY-2007 00:00:20
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	24-MAY-2007 00:00:20



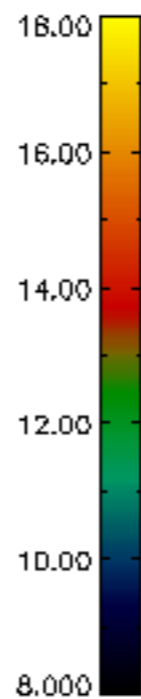
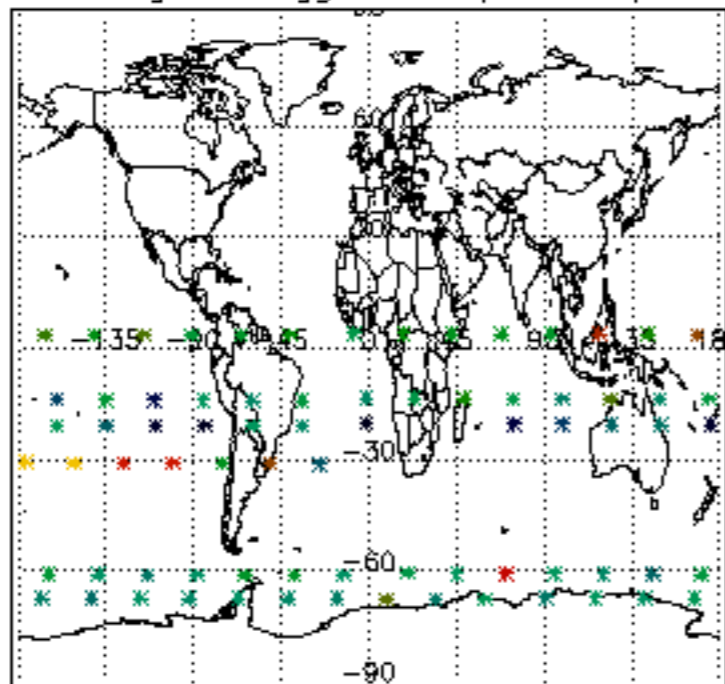
Percentage of flagged data per D3 profile



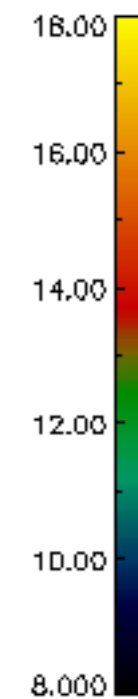
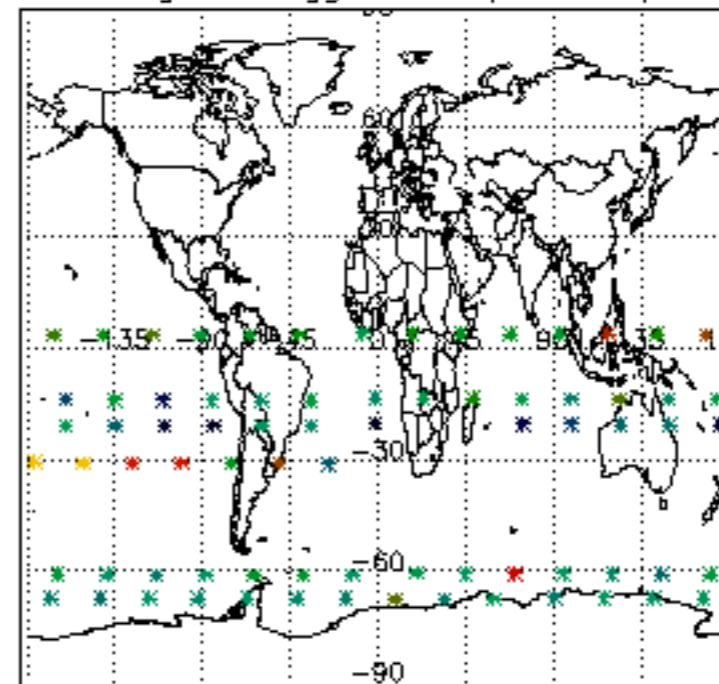
Percentage of flagged data per H2O profile

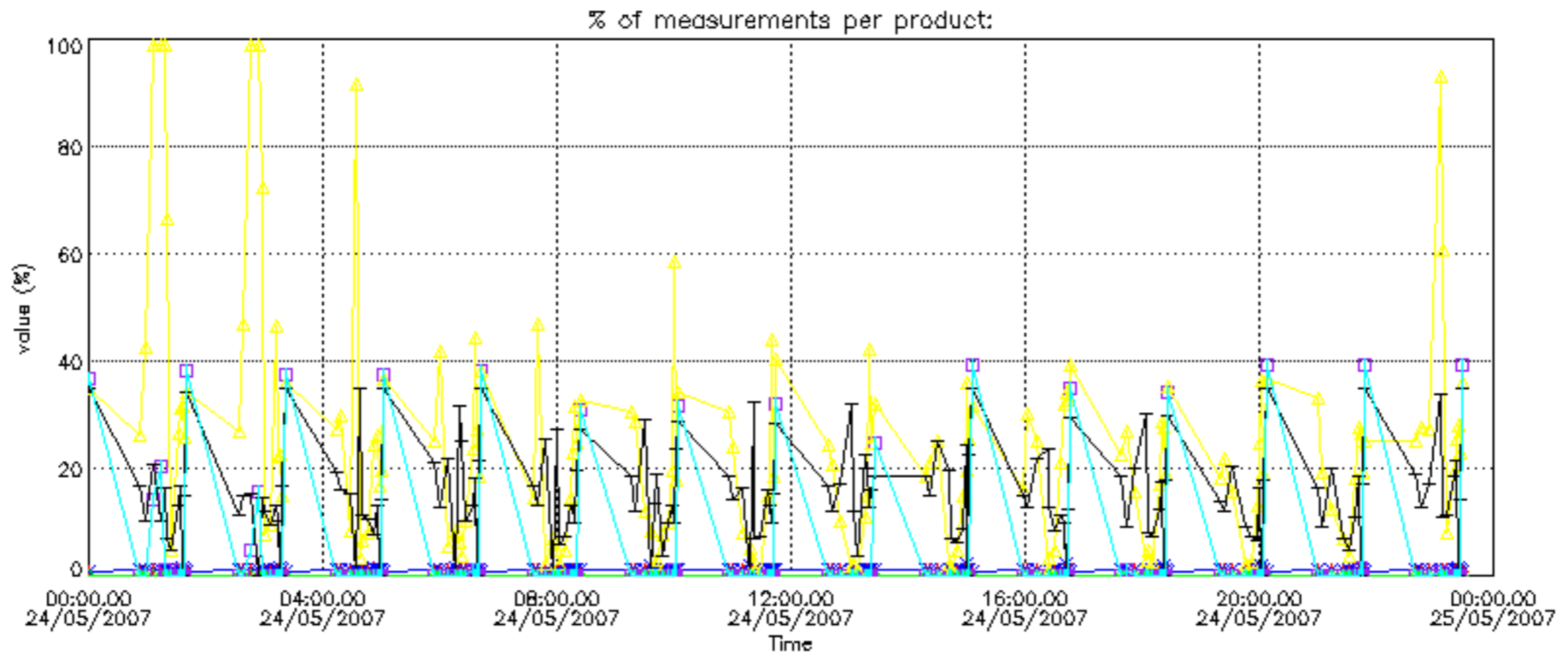


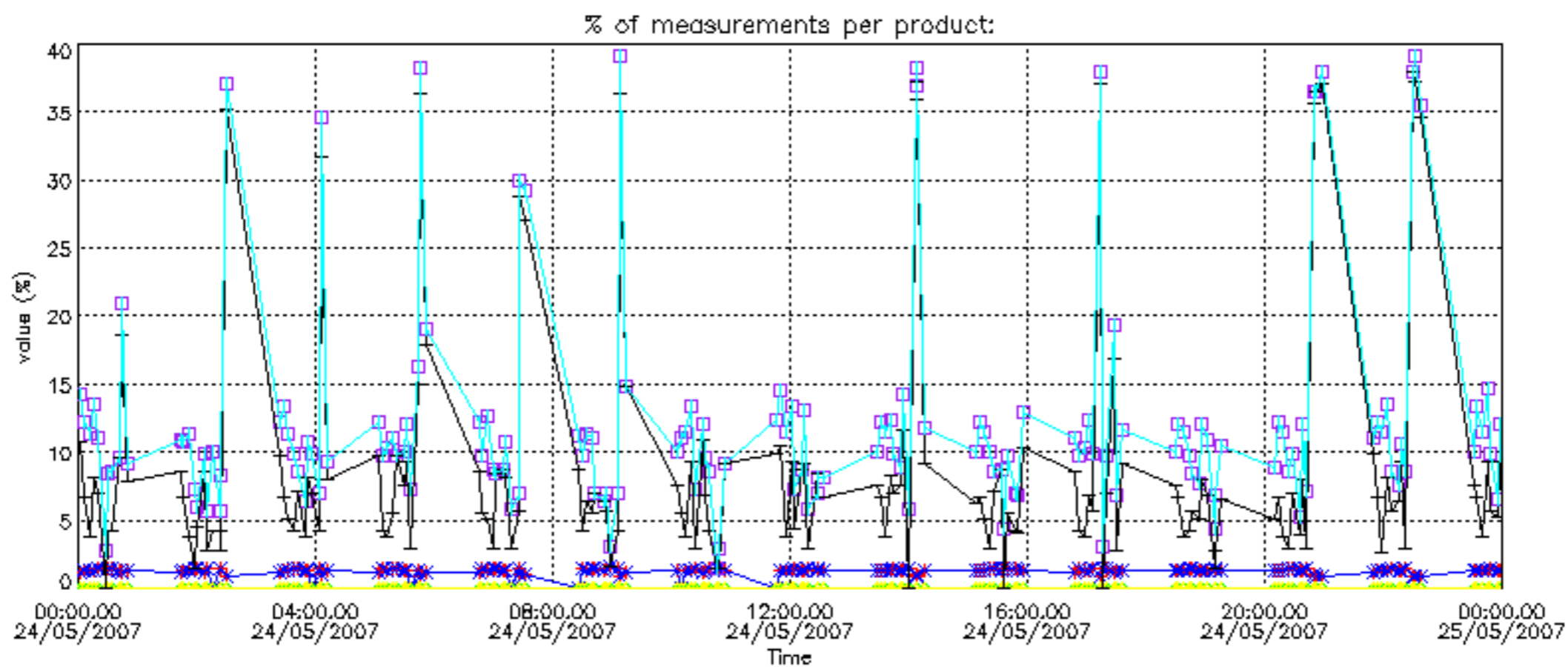
Percentage of flagged data per NO2 profile



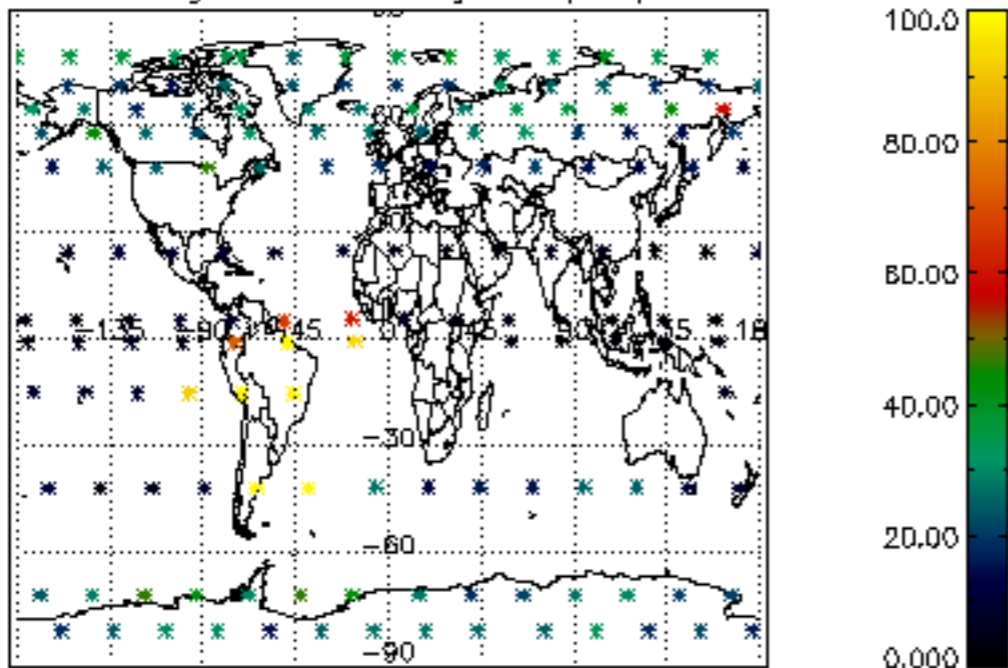
Percentage of flagged data per NO3 profile



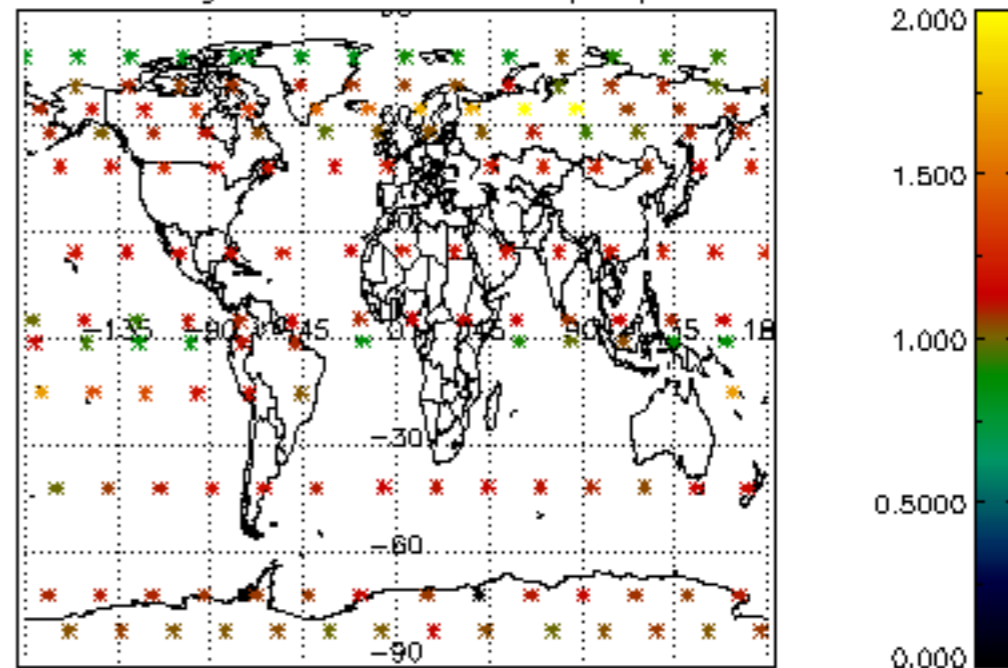




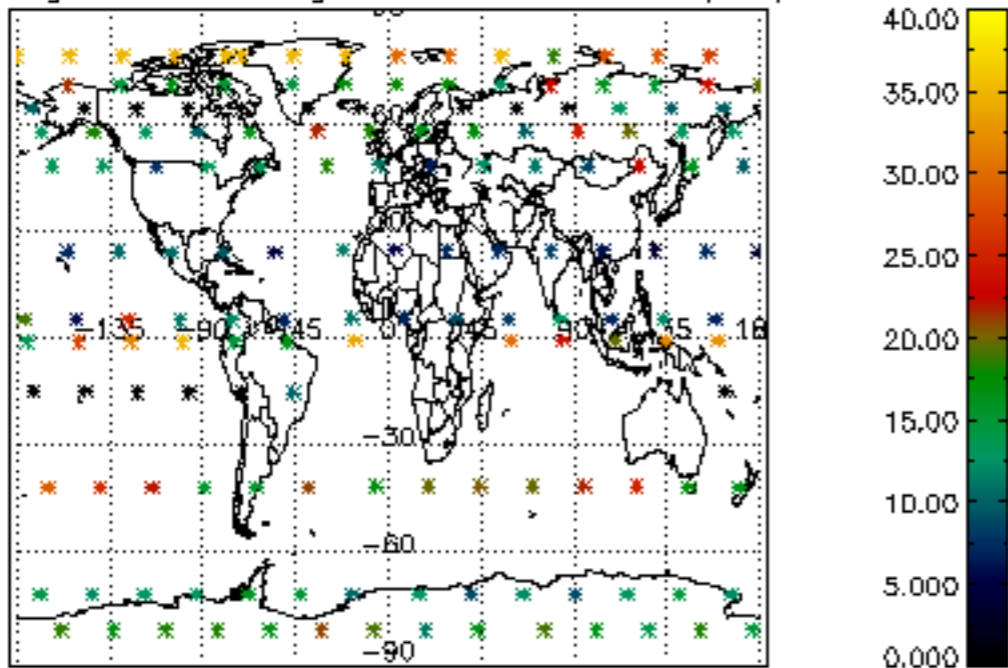
Percentage of cosmic ray hits per profile



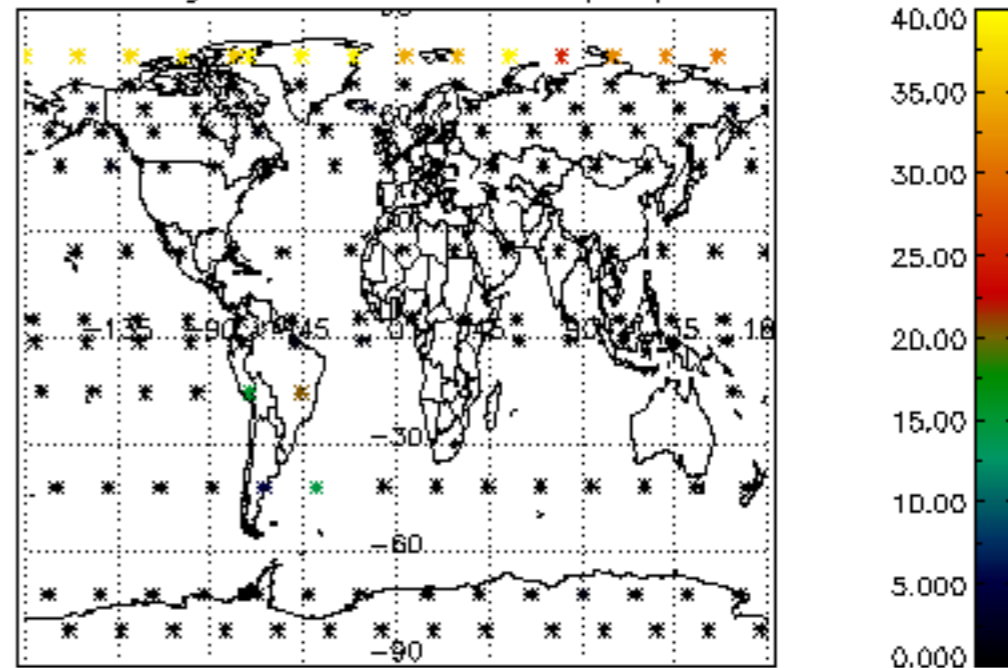
Percentage of datation errors per profile



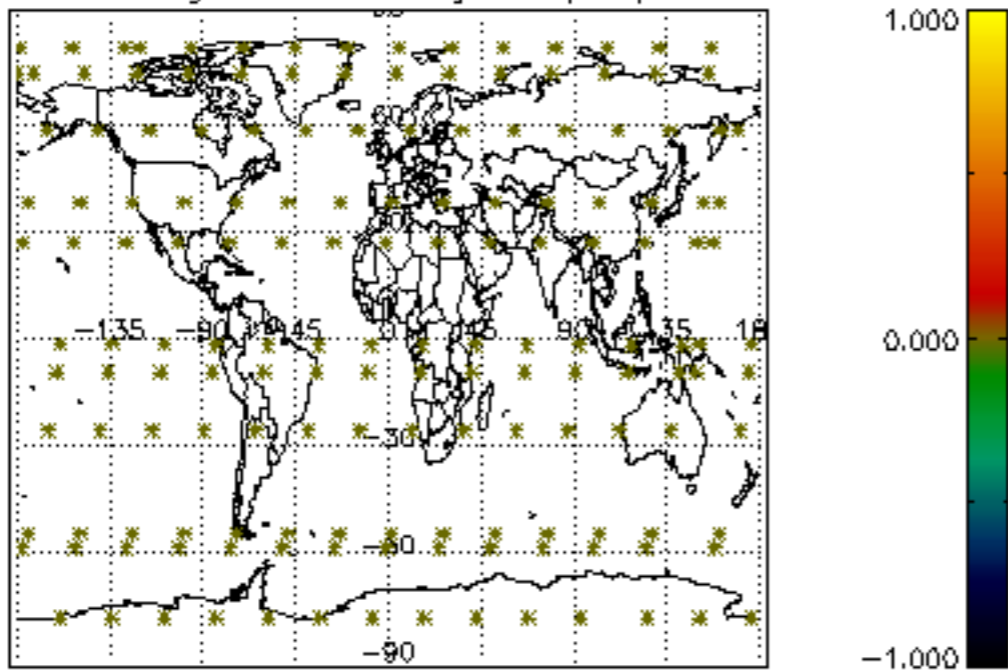
Percentage of star falling outside central band per profile



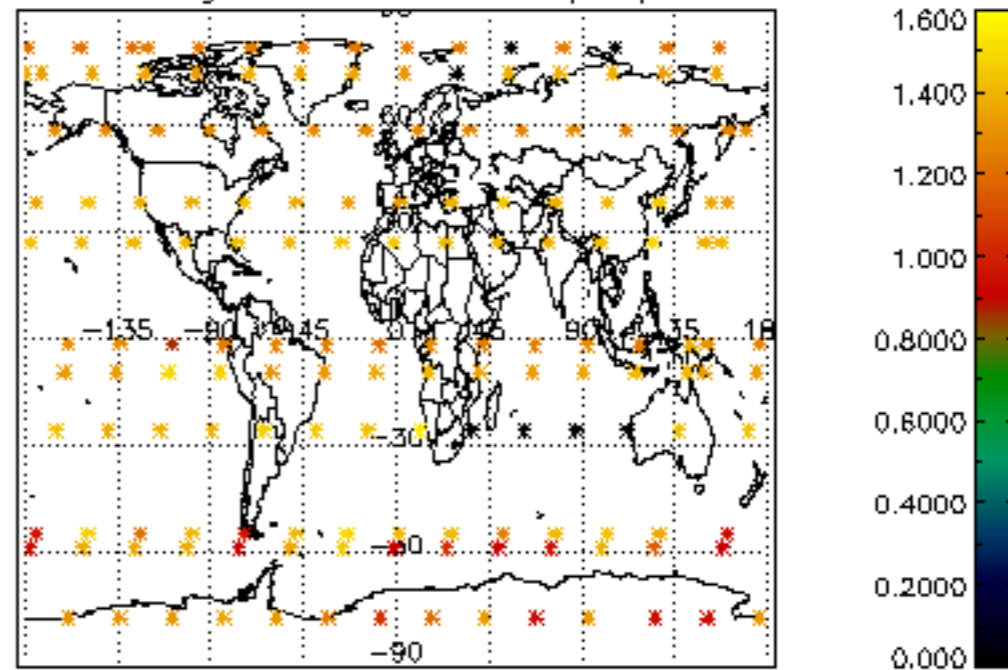
Percentage of saturation errors per profile



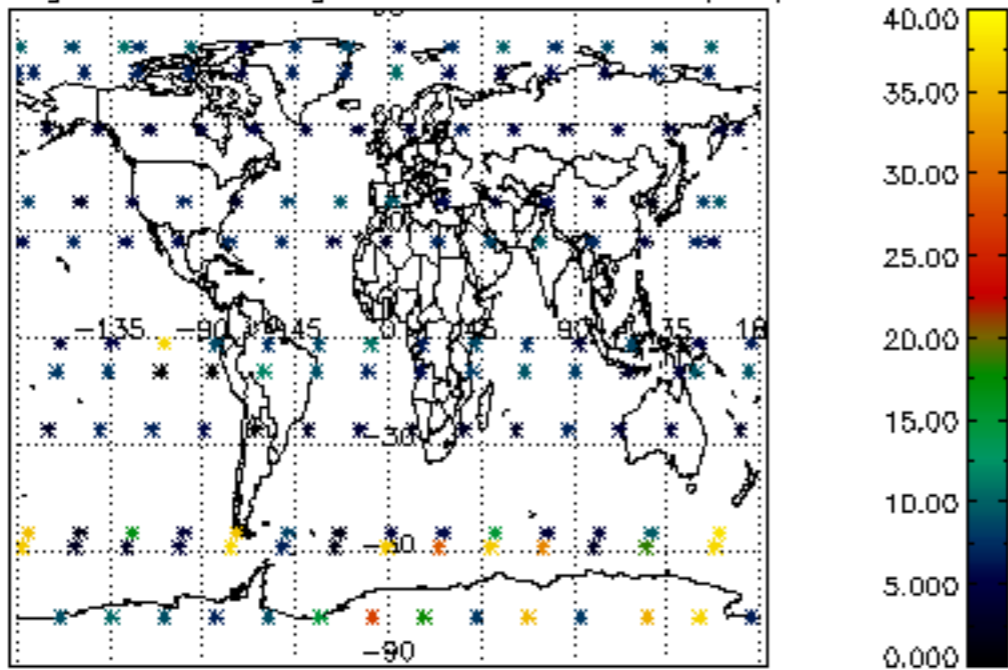
Percentage of cosmic ray hits per profile



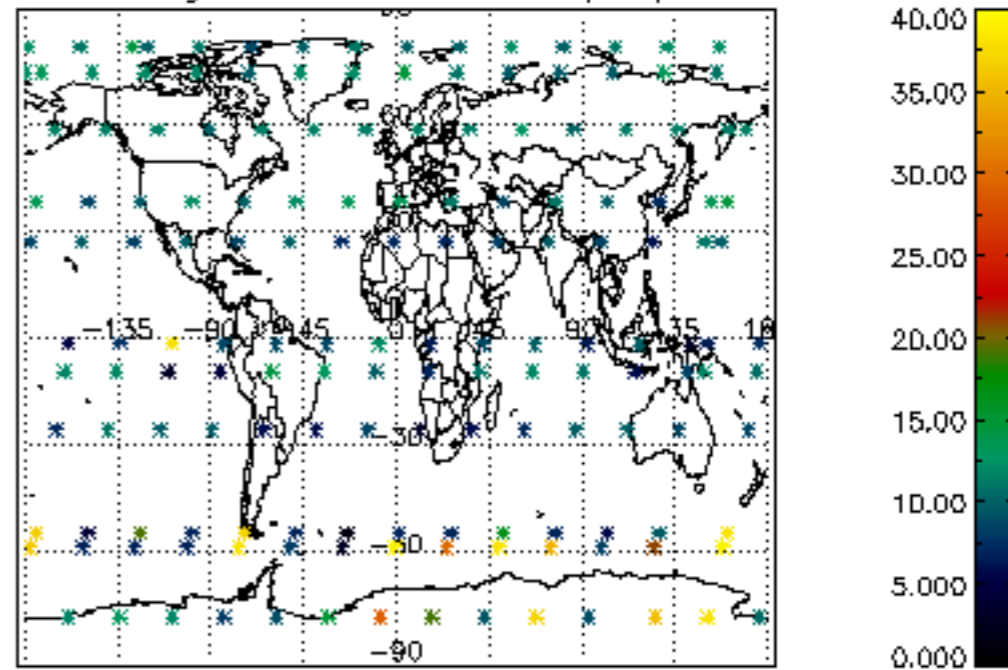
Percentage of datation errors per profile

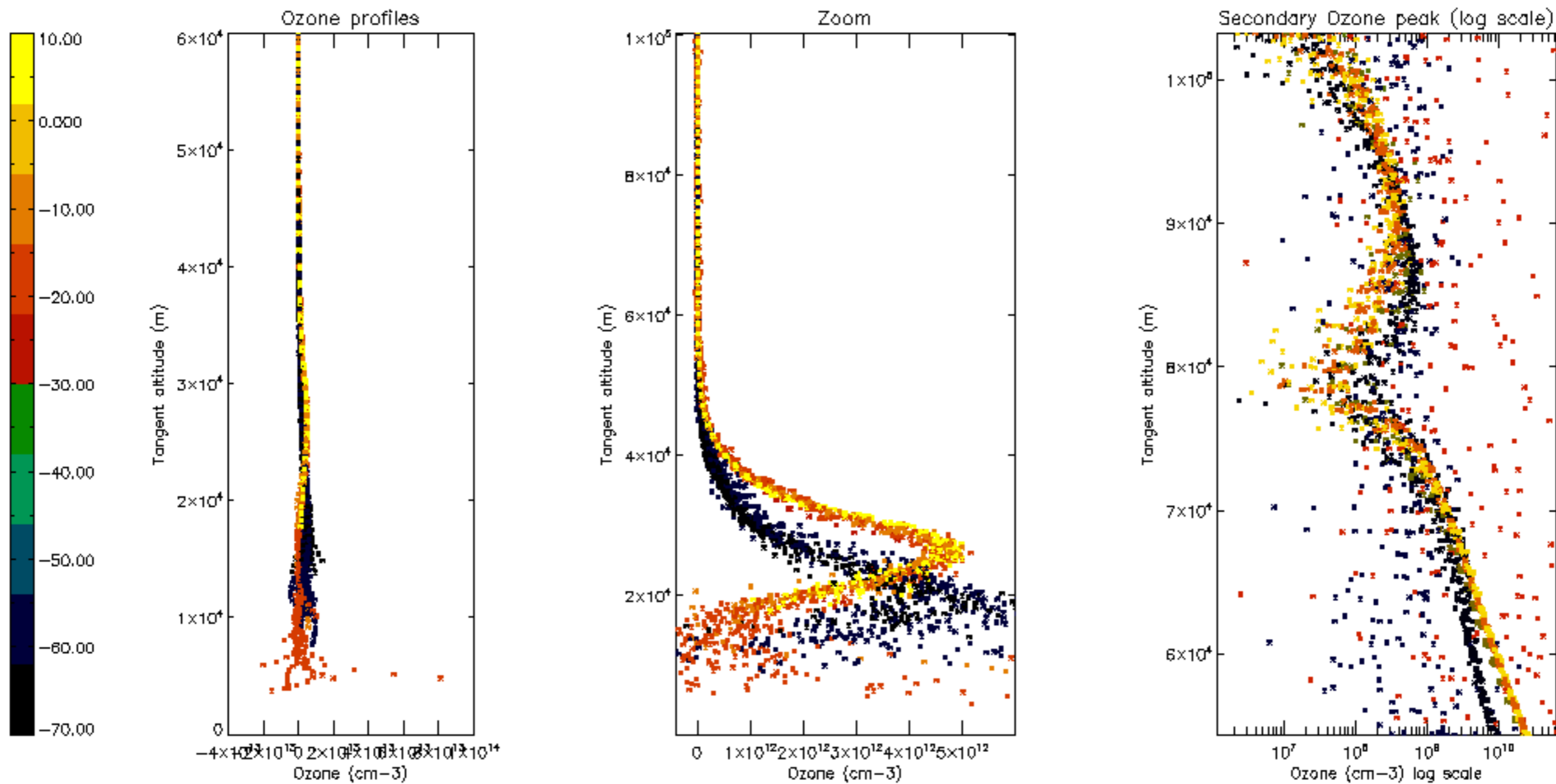


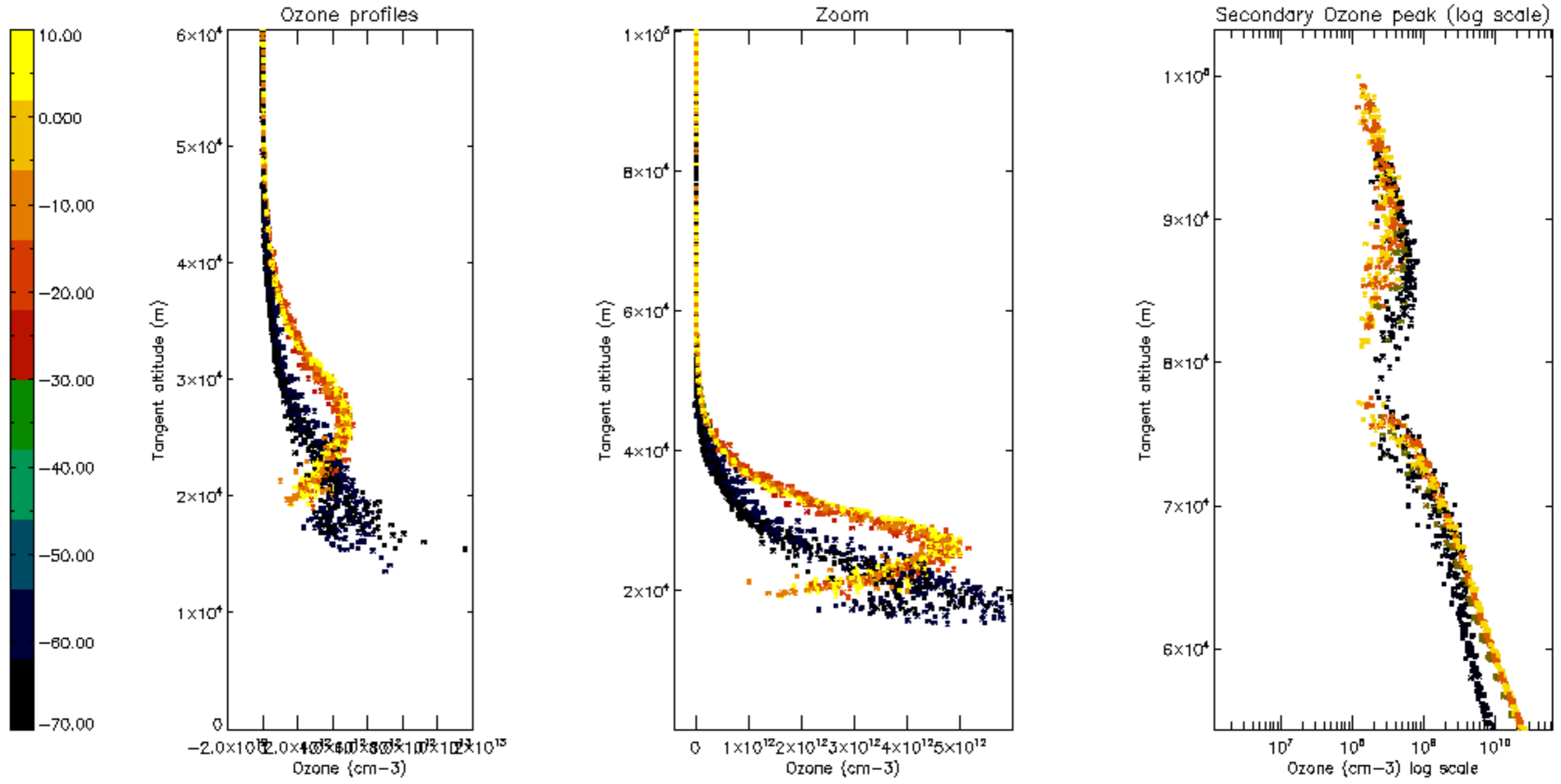
Percentage of star falling outside central band per profile

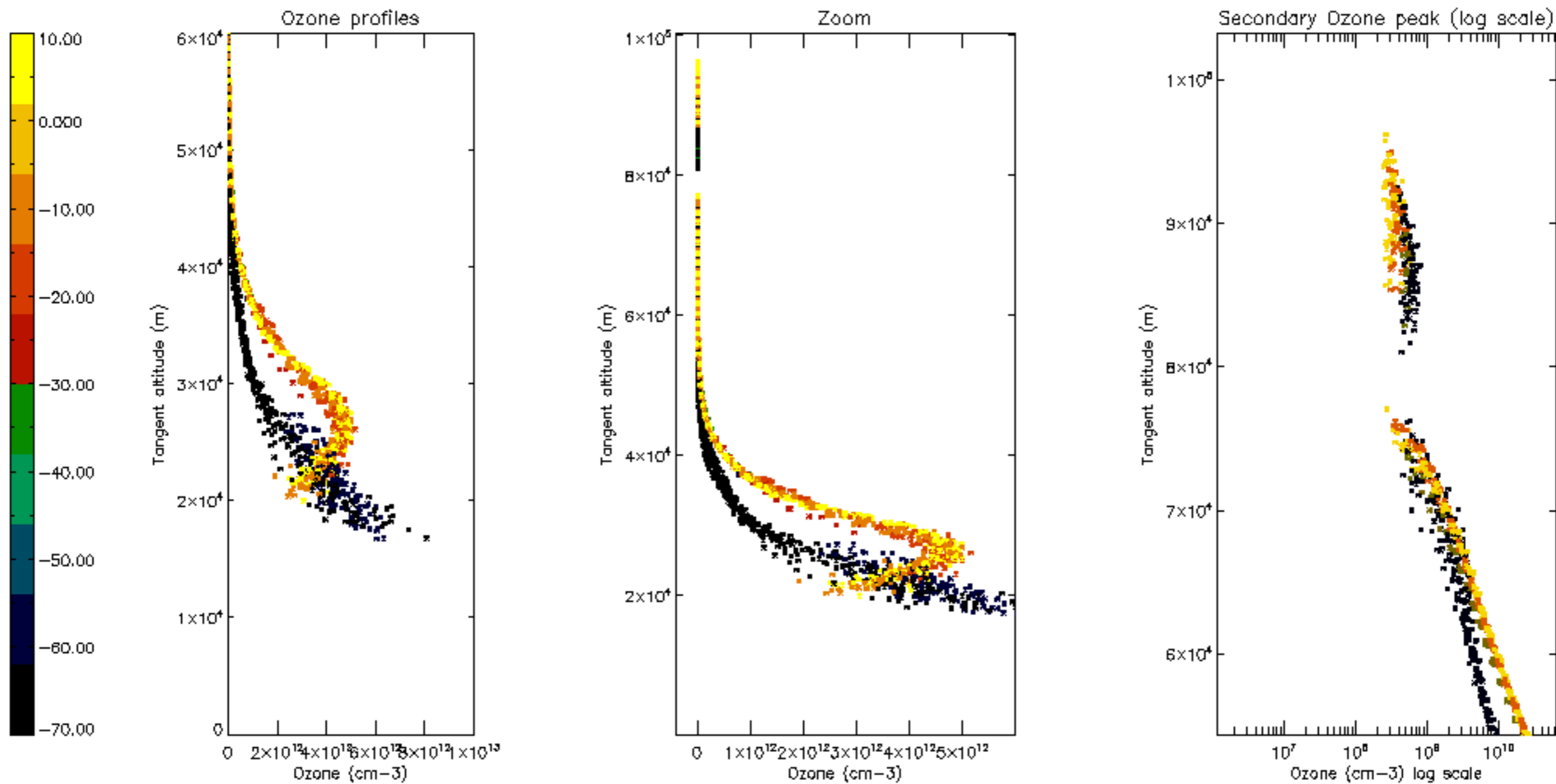


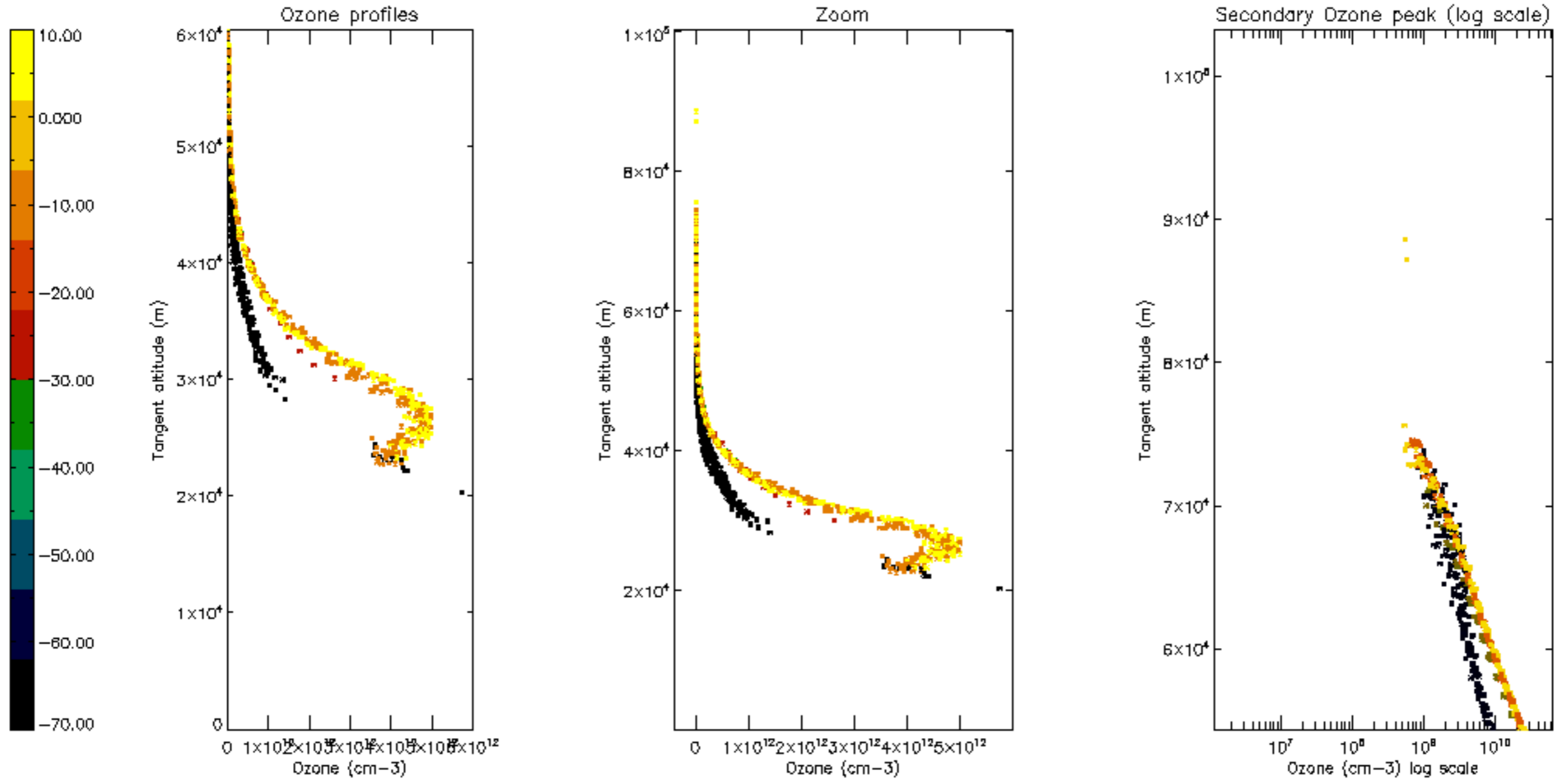
Percentage of saturation errors per profile

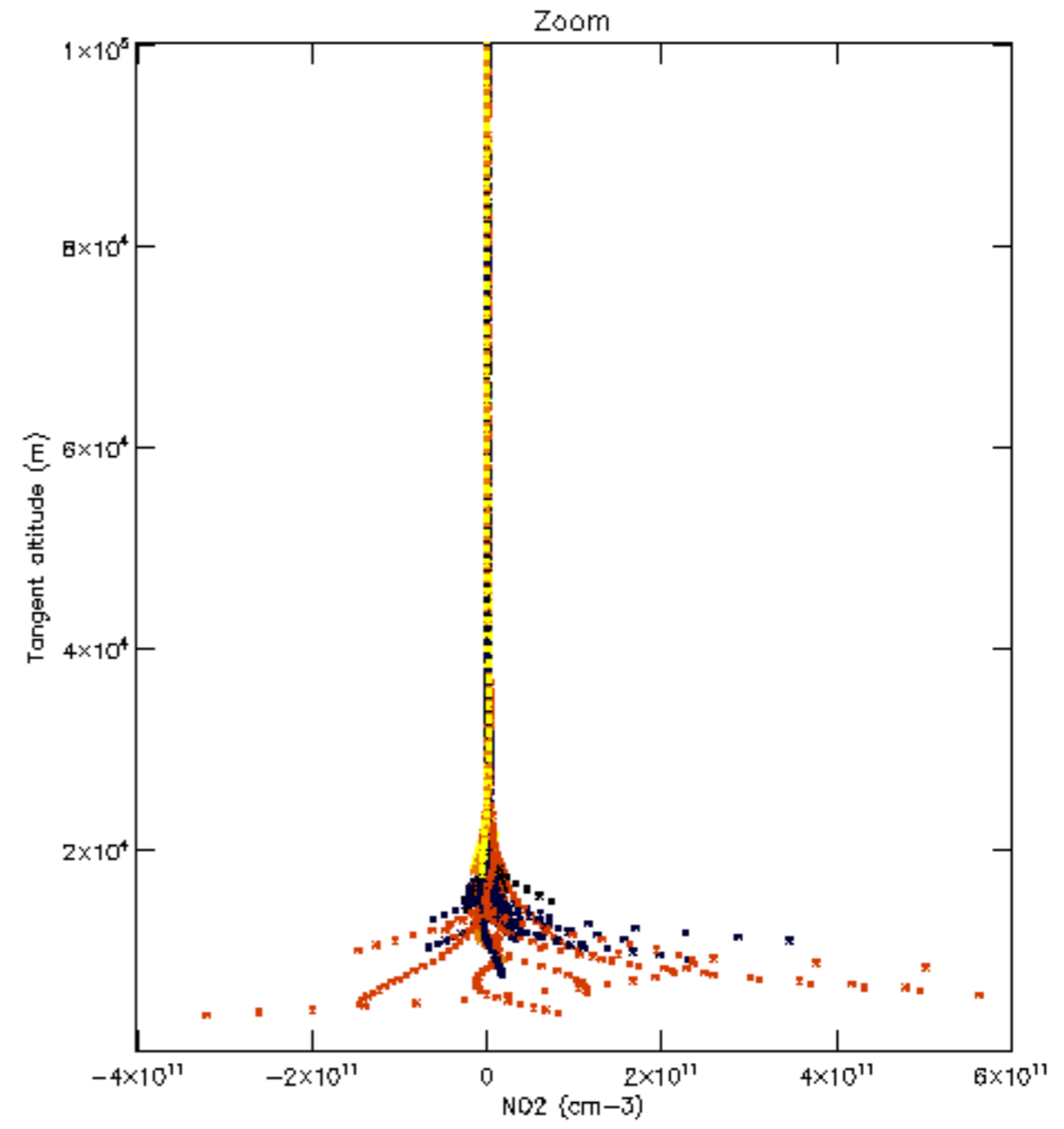
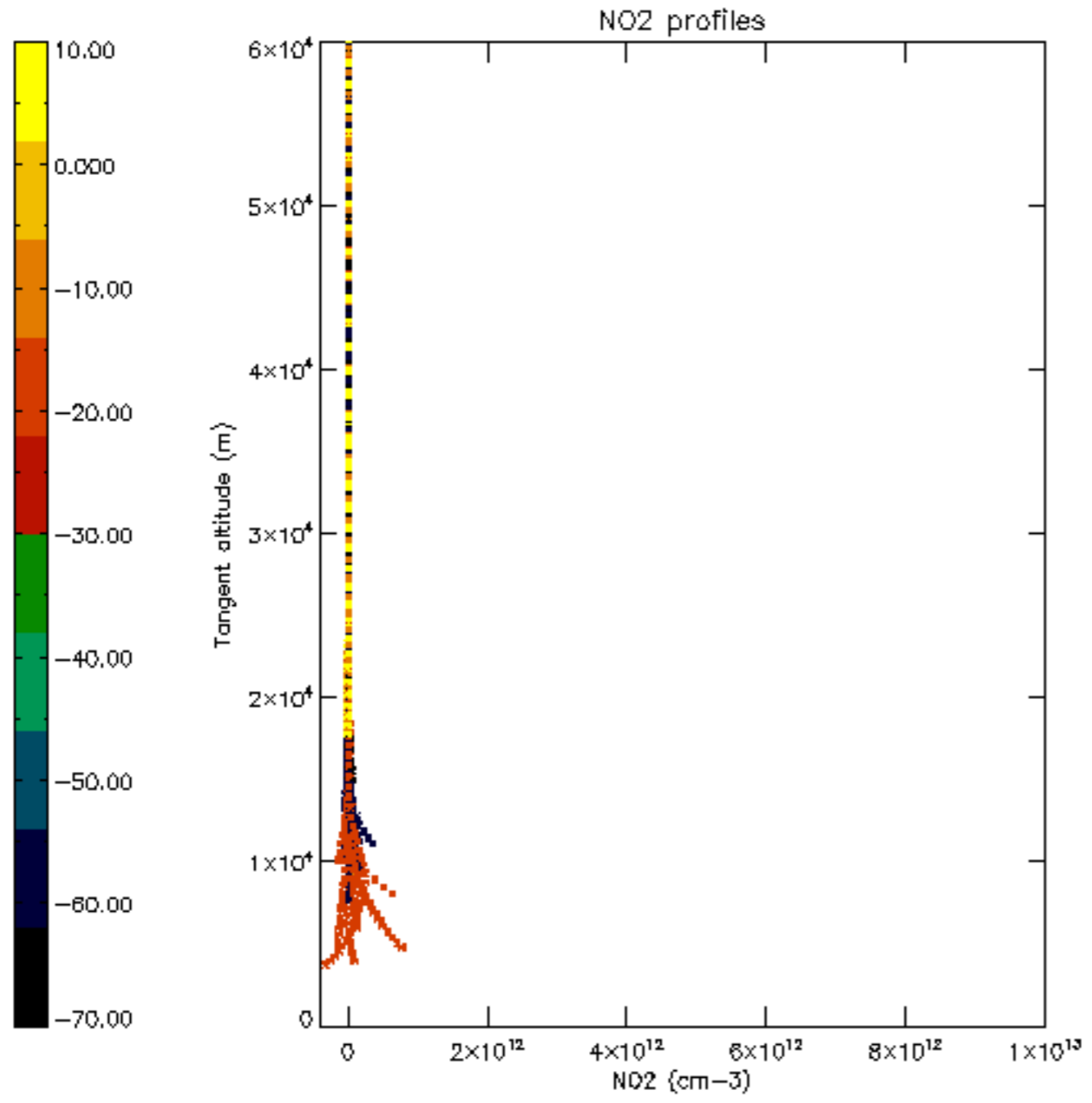


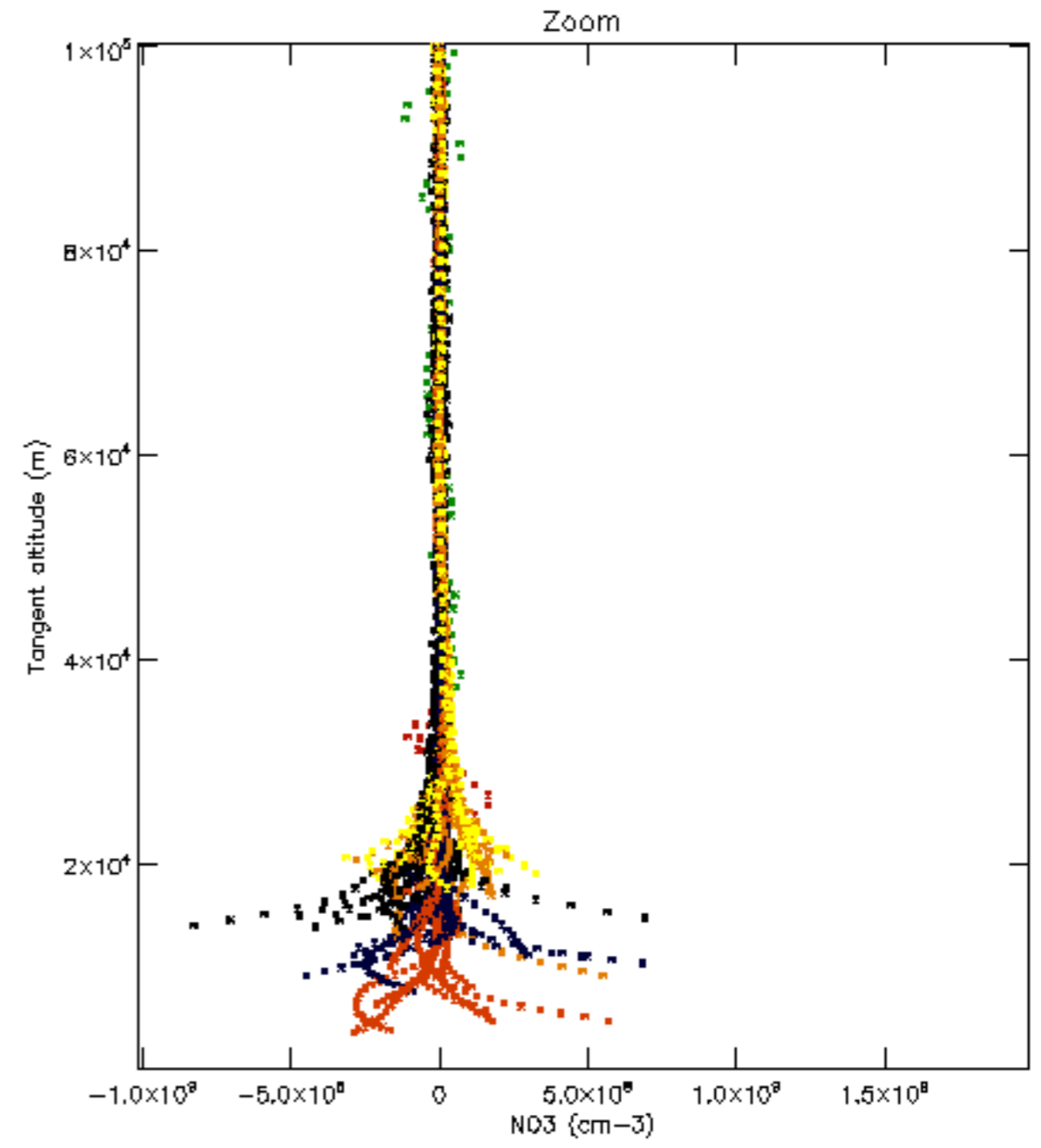
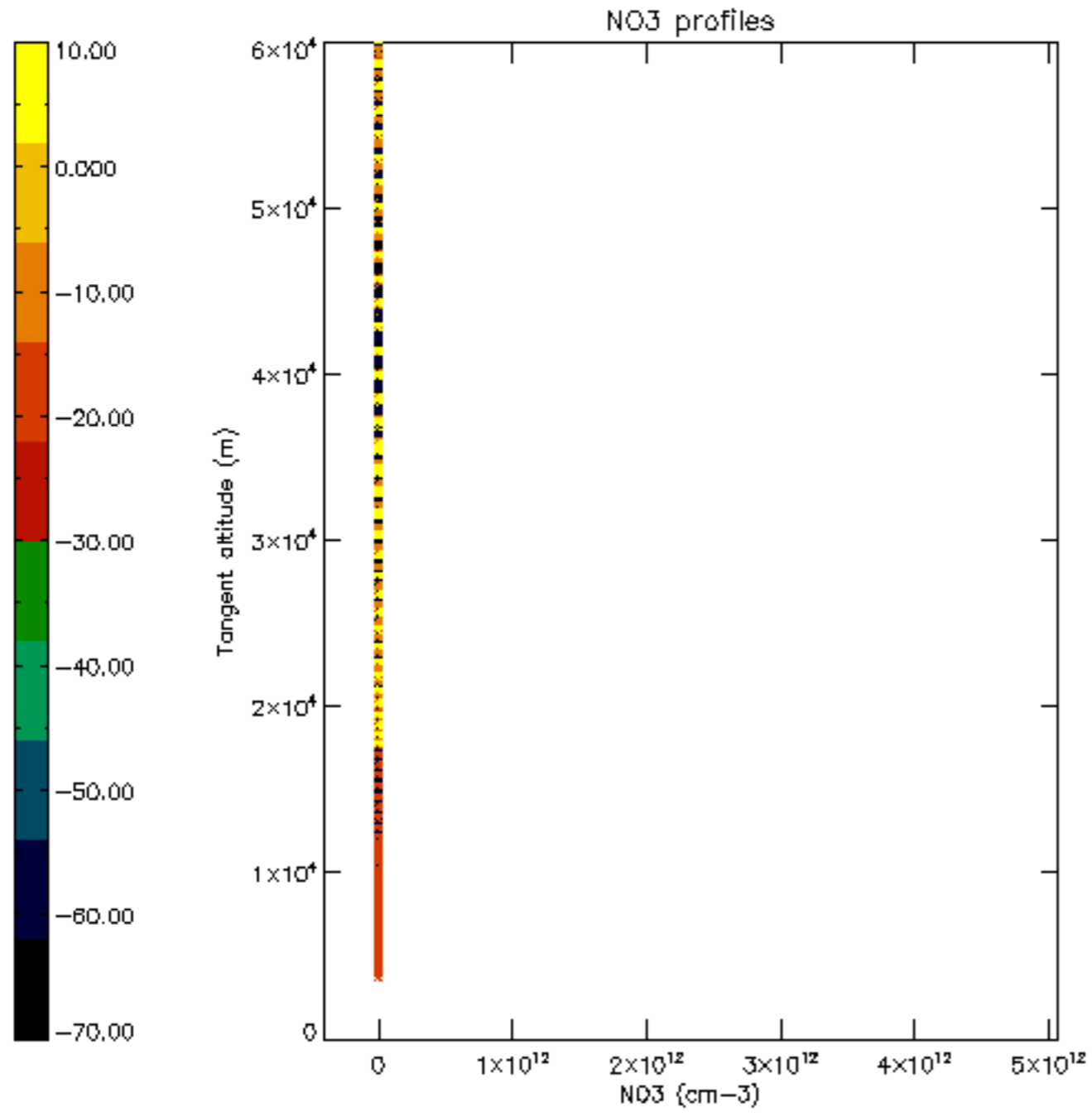


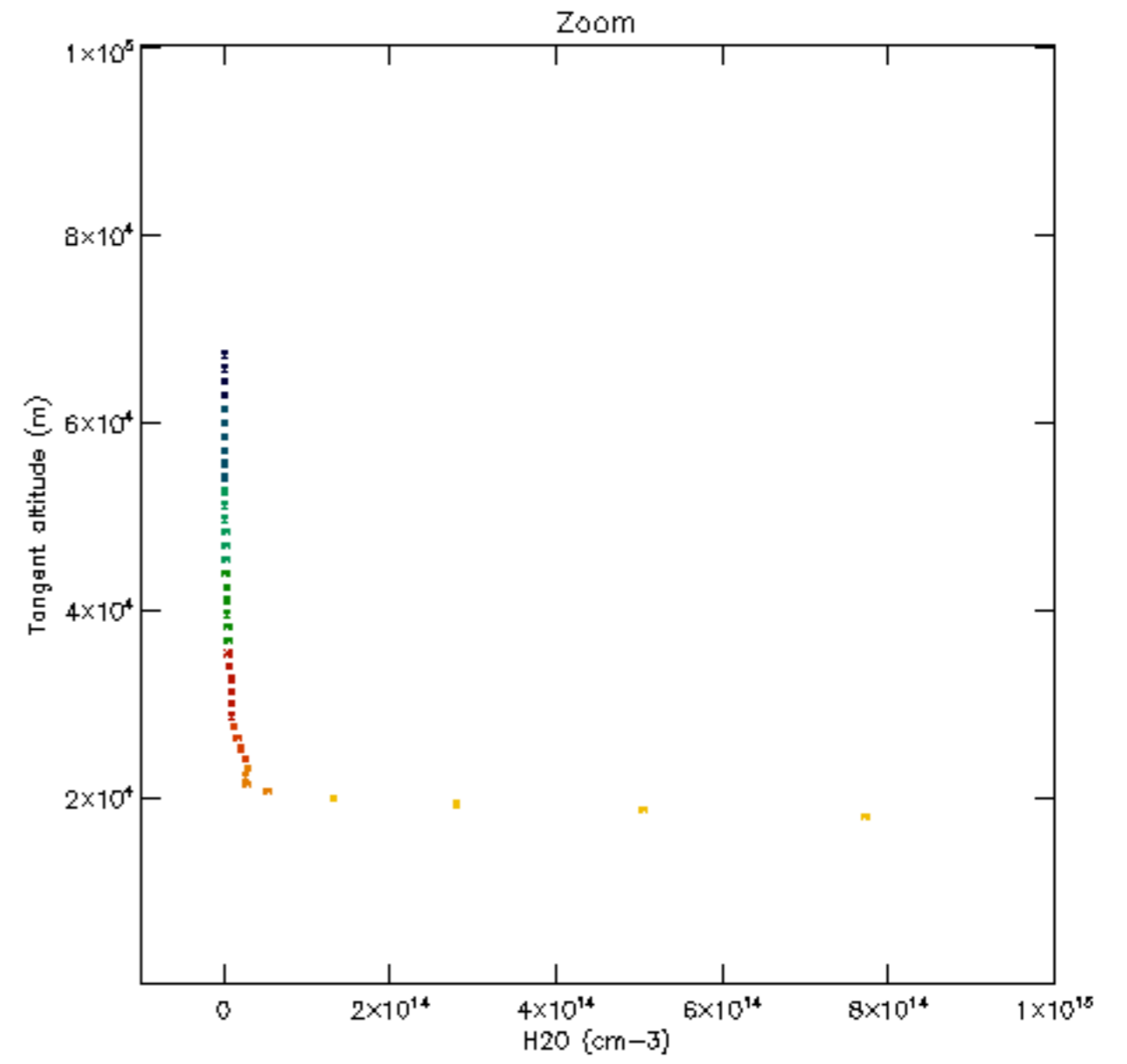
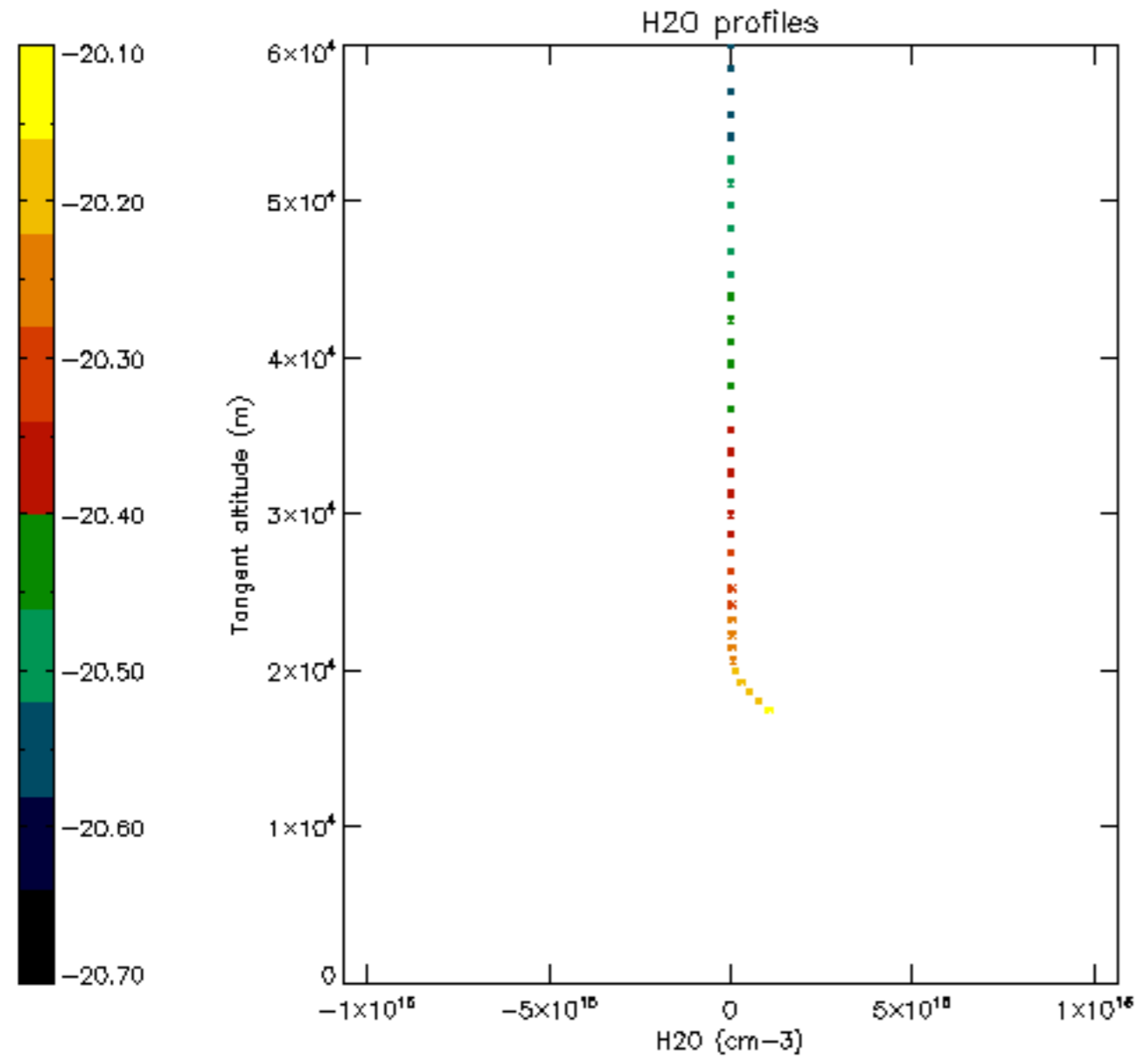


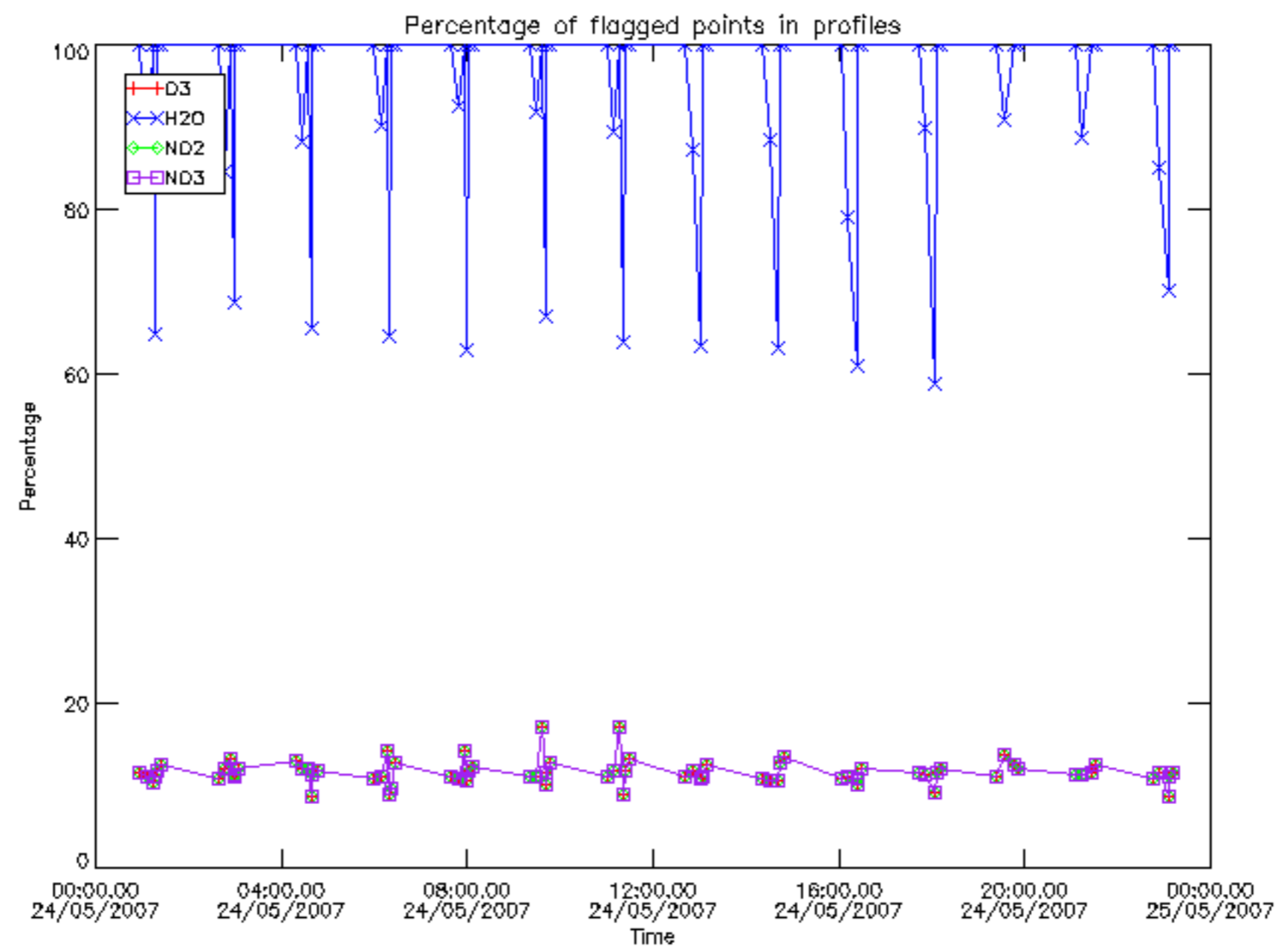




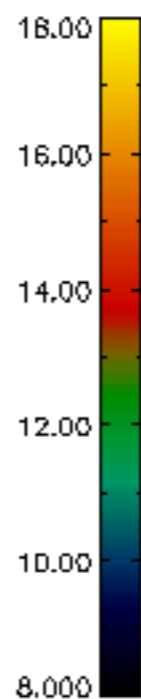
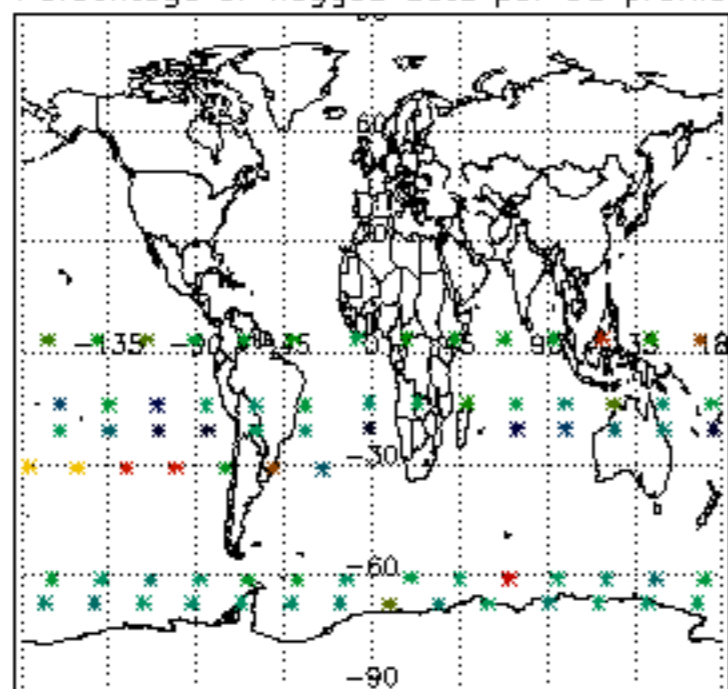




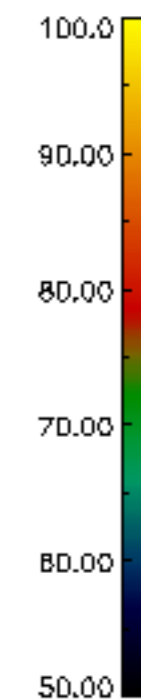
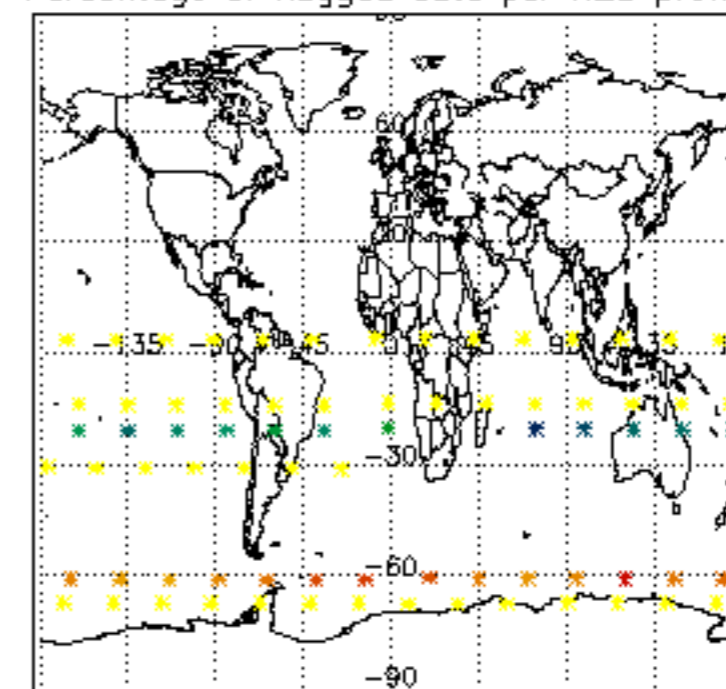




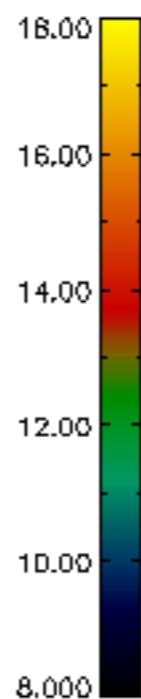
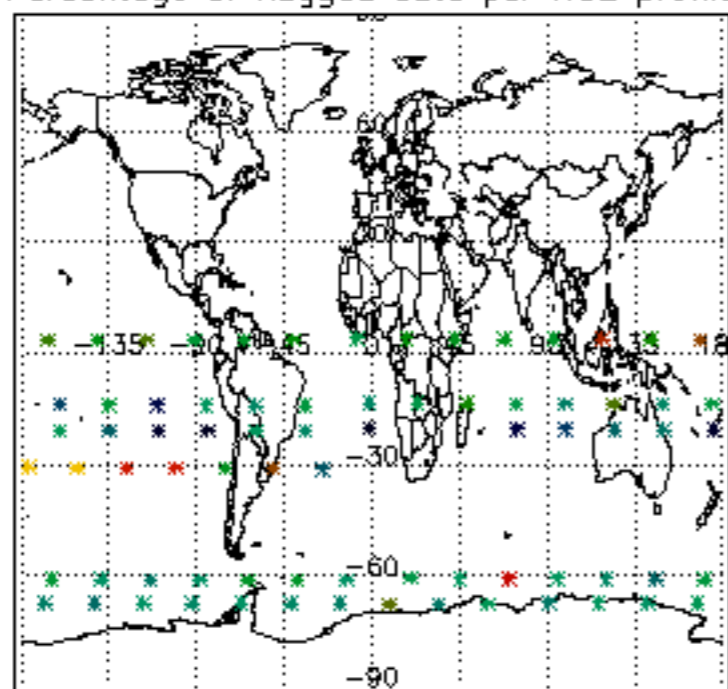
Percentage of flagged data per D3 profile



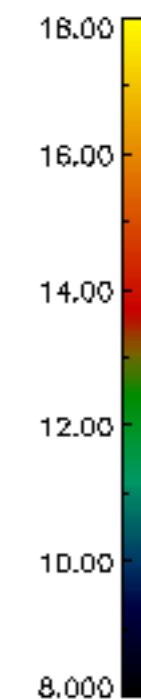
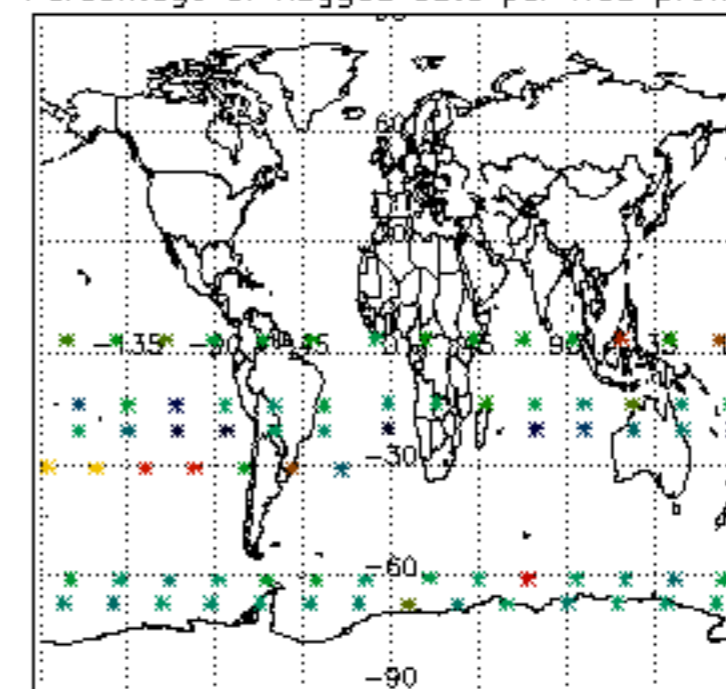
Percentage of flagged data per H2O profile

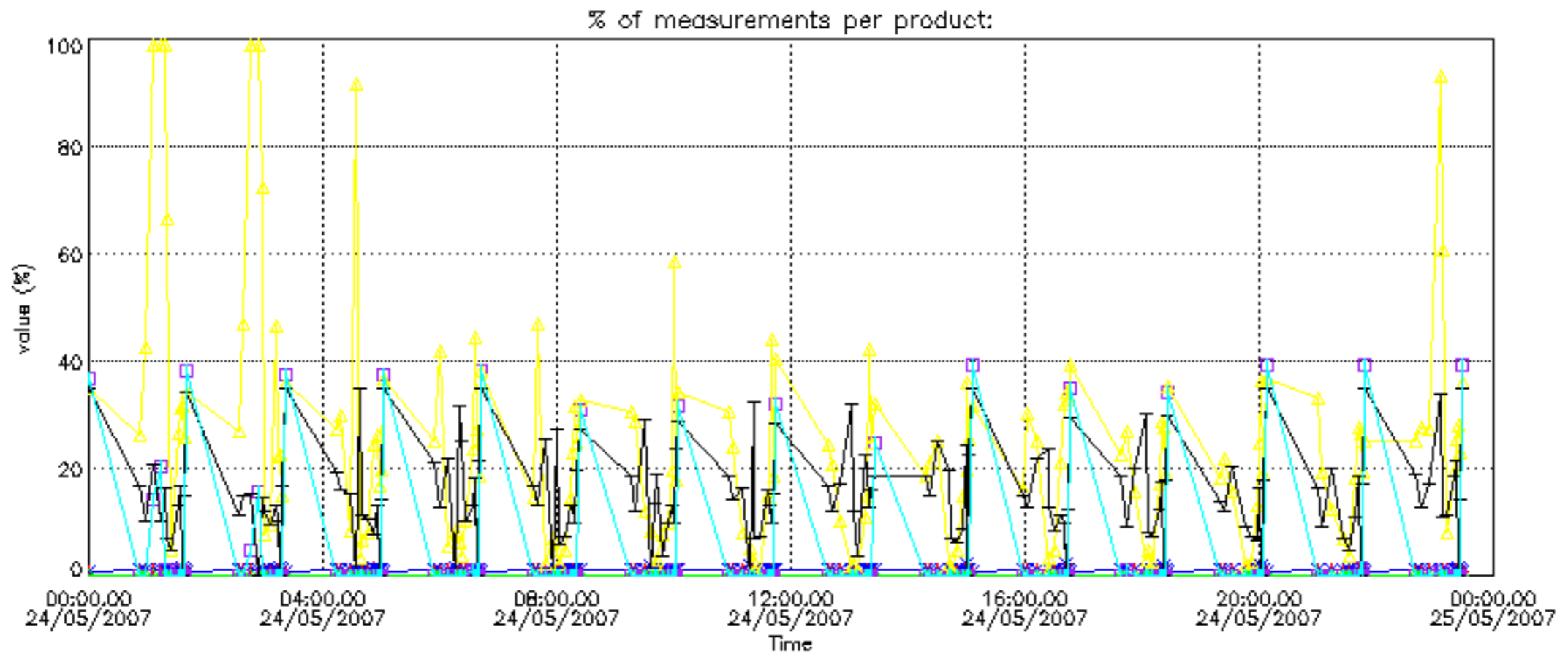


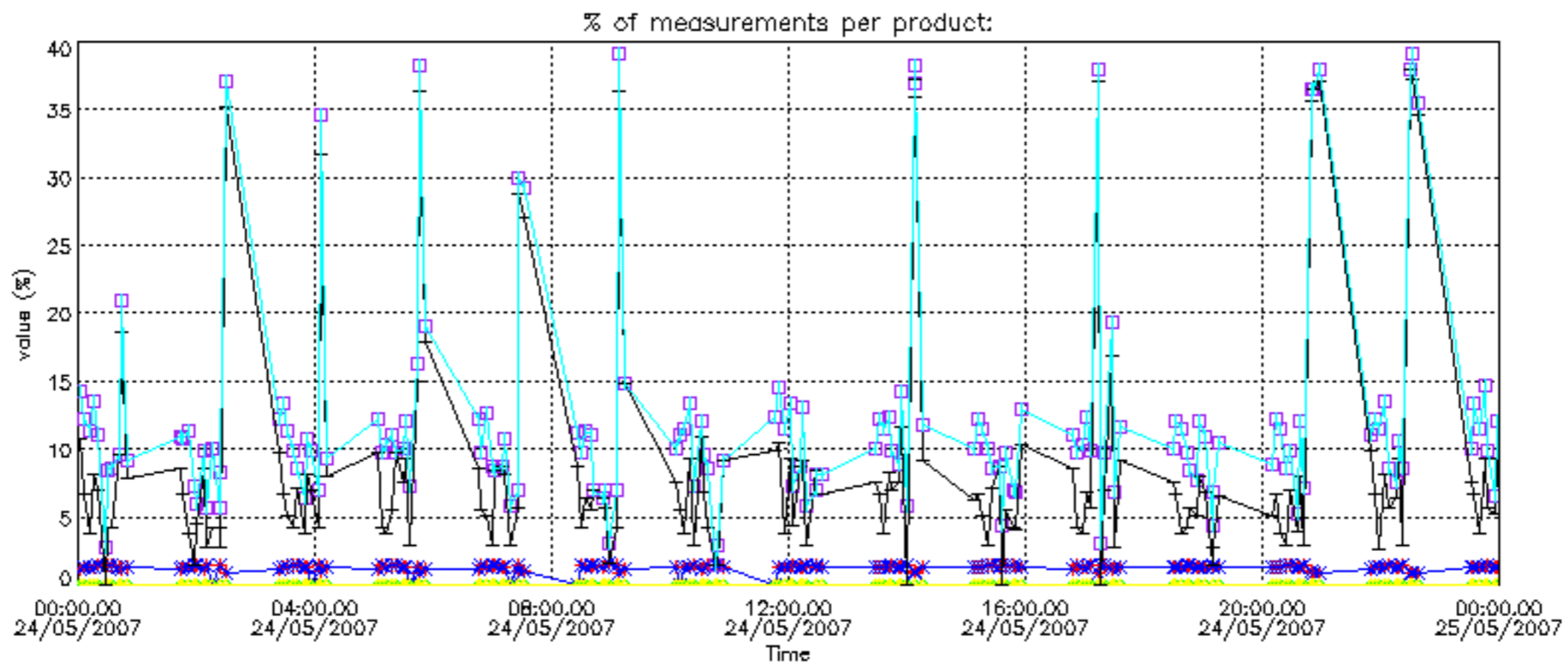
Percentage of flagged data per NO2 profile



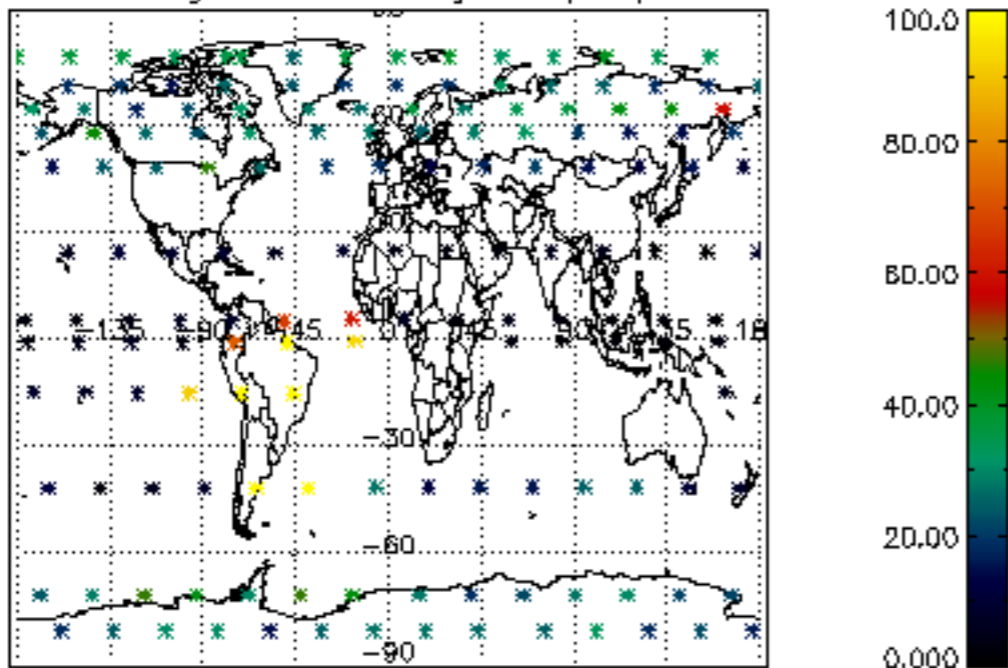
Percentage of flagged data per NO3 profile



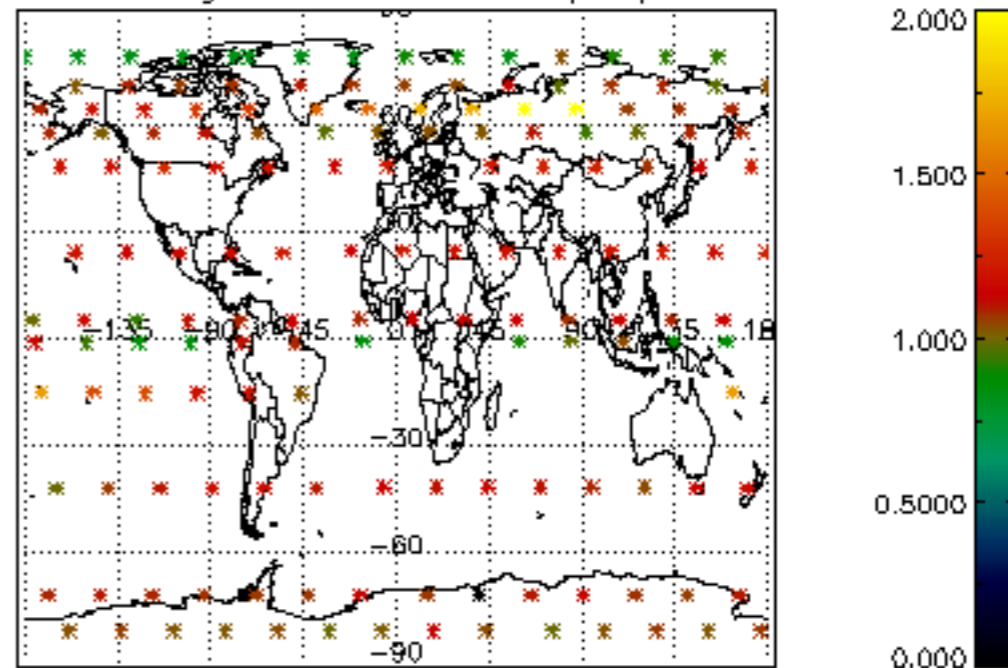




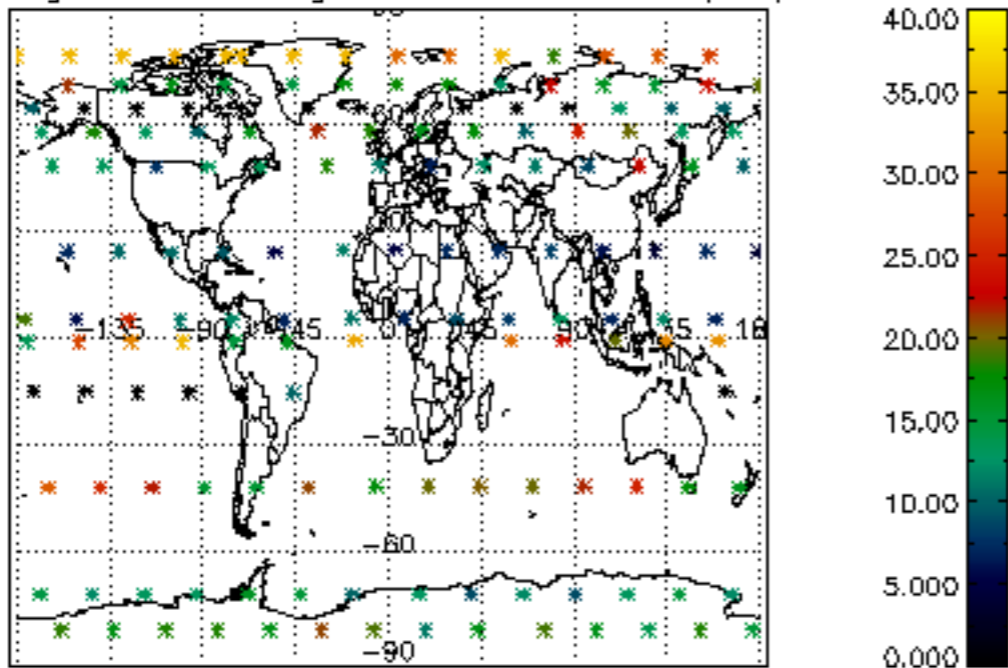
Percentage of cosmic ray hits per profile



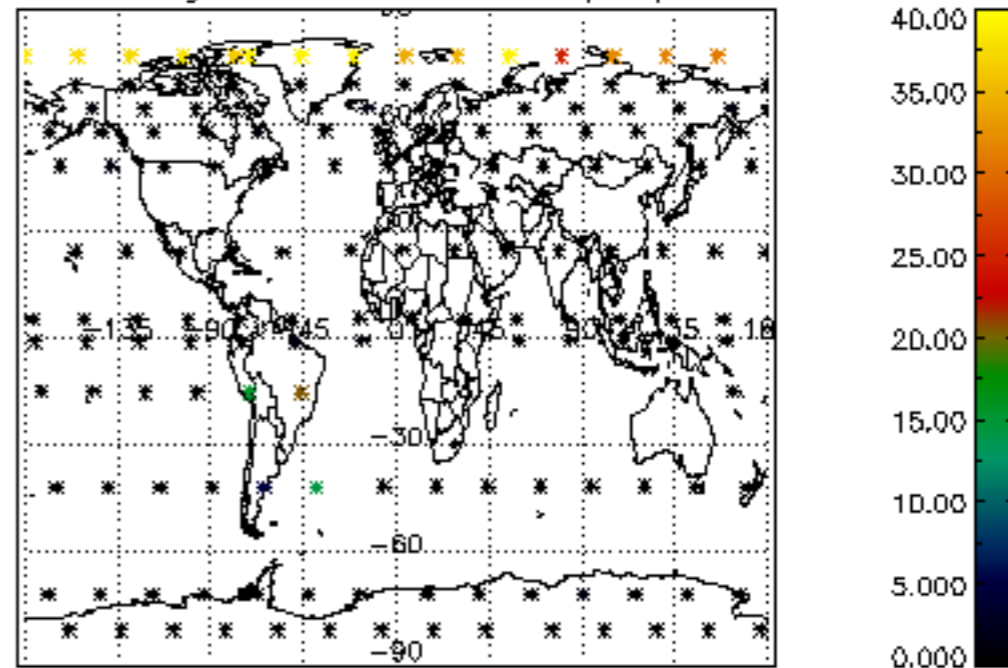
Percentage of datation errors per profile



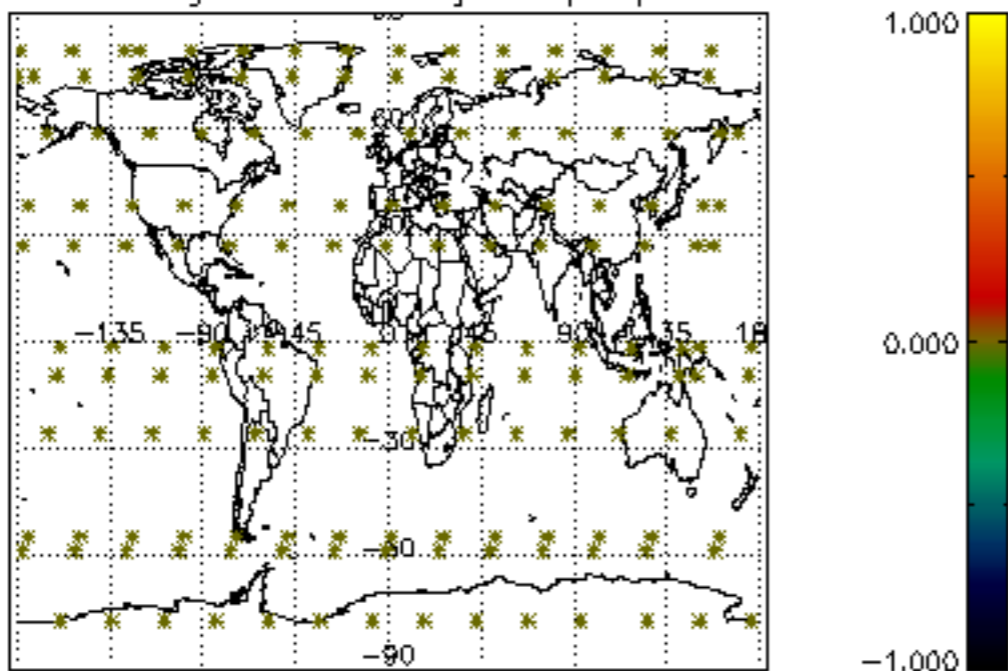
Percentage of star falling outside central band per profile



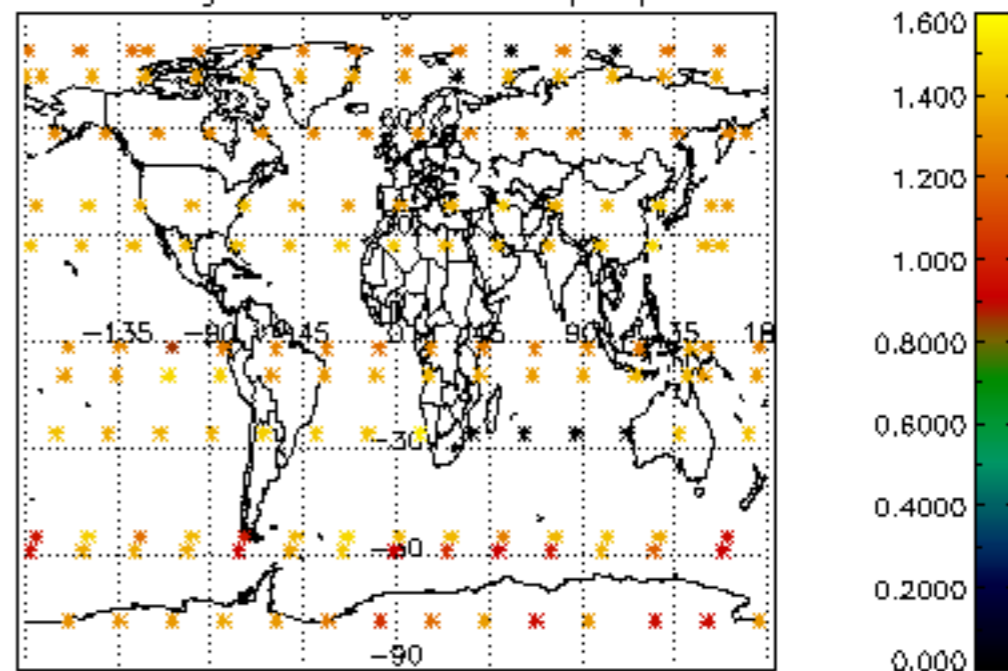
Percentage of saturation errors per profile



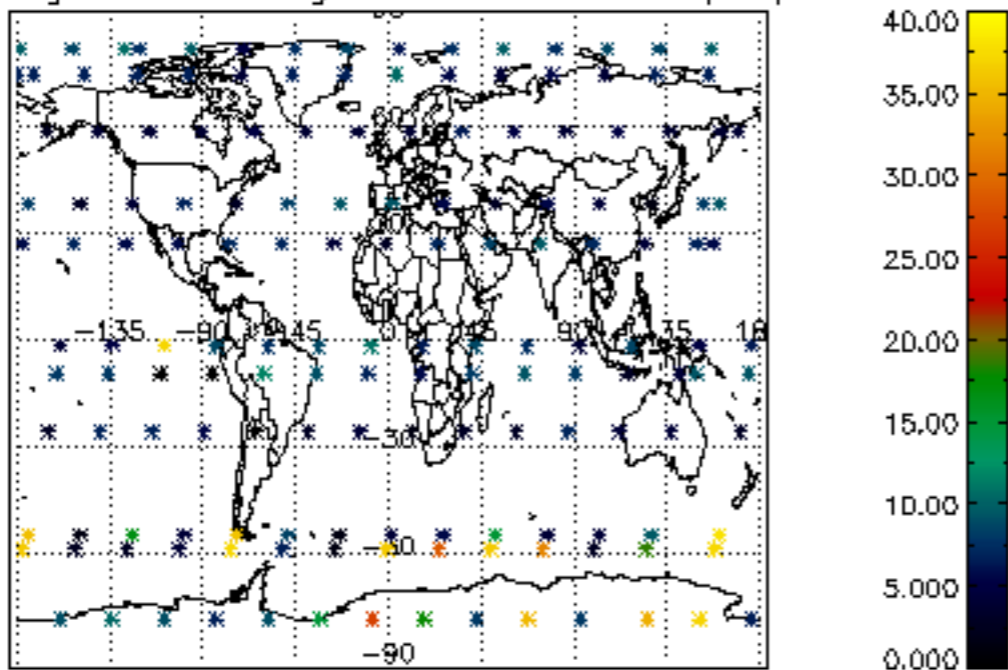
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

